

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080892.D
 Acq On : 05 Feb 2024 13:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	105483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	93580	51.281	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	8.165	113	68277	50.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	10.571	98	267794	50.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.847	95	92254	49.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79685	50.860	ug/l	100
3) Chloromethane	2.359	50	108540	46.087	ug/l	97
4) Vinyl Chloride	2.512	62	86848	48.505	ug/l	92
5) Bromomethane	2.954	94	37290	52.069	ug/l	91
6) Chloroethane	3.118	64	50382	52.779	ug/l	97
7) Trichlorofluoromethane	3.495	101	118649	51.202	ug/l	93
8) Diethyl Ether	3.959	74	57899	54.162	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	68032	50.347	ug/l	97
10) Methyl Iodide	4.583	142	60099	52.686	ug/l	95
11) Tert butyl alcohol	5.512	59	76937	258.640	ug/l	100
12) 1,1-Dichloroethene	4.342	96	71375	48.206	ug/l	88
13) Acrolein	4.177	56	93287	248.685	ug/l	99
14) Allyl chloride	5.024	41	150669	51.483	ug/l	98
15) Acrylonitrile	5.712	53	240294	268.595	ug/l	99
16) Acetone	4.424	43	175650	265.406	ug/l	100
17) Carbon Disulfide	4.712	76	207217	44.954	ug/l	96
18) Methyl Acetate	5.012	43	133594	57.920	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	271645	52.068	ug/l	96
20) Methylene Chloride	5.277	84	89670	51.615	ug/l #	89
21) trans-1,2-Dichloroethene	5.789	96	77792	48.360	ug/l	95
22) Diisopropyl ether	6.671	45	350465	54.274	ug/l	98
23) Vinyl Acetate	6.600	43	1341288	287.076	ug/l	99
24) 1,1-Dichloroethane	6.565	63	172967	52.817	ug/l	99
25) 2-Butanone	7.483	43	325787	259.165	ug/l	97
26) 2,2-Dichloropropane	7.489	77	127751	48.264	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	96369	51.754	ug/l	98
28) Bromochloromethane	7.812	49	80694	46.540	ug/l	98
29) Tetrahydrofuran	7.836	42	222945	262.103	ug/l	99
30) Chloroform	7.965	83	158307	52.033	ug/l	93
31) Cyclohexane	8.259	56	143427	45.835	ug/l #	88
32) 1,1,1-Trichloroethane	8.171	97	127949	51.860	ug/l	98
36) 1,1-Dichloropropene	8.371	75	121033	48.005	ug/l	99
37) Ethyl Acetate	7.559	43	131490	50.662	ug/l	98
38) Carbon Tetrachloride	8.359	117	101725	50.076	ug/l	97
39) Methylcyclohexane	9.606	83	114269	45.598	ug/l	95
40) Benzene	8.606	78	373161	50.358	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080892.D
 Acq On : 05 Feb 2024 13:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 04:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	80774	52.803	ug/l	93
42) 1,2-Dichloroethane	8.671	62	136215	56.424	ug/l	99
43) Isopropyl Acetate	8.688	43	238588	50.491	ug/l	97
44) Trichloroethene	9.353	130	78265	47.952	ug/l	97
45) 1,2-Dichloropropane	9.618	63	103963	51.843	ug/l	95
46) Dibromomethane	9.712	93	60239	50.673	ug/l	99
47) Bromodichloromethane	9.888	83	122522	50.765	ug/l #	97
48) Methyl methacrylate	9.683	41	113914	49.726	ug/l	98
49) 1,4-Dioxane	9.694	88	28481	1032.138	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	706223	267.349	ug/l	98
52) Toluene	10.635	92	216231	50.893	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	143541	51.052	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	159433	52.145	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	84607	51.816	ug/l	95
56) Ethyl methacrylate	10.877	69	143468	57.156	ug/l	98
57) 1,3-Dichloropropane	11.165	76	162675	52.937	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	383206	261.880	ug/l	99
59) 2-Hexanone	11.194	43	540814	263.568	ug/l	96
60) Dibromochloromethane	11.359	129	84740	55.795	ug/l	99
61) 1,2-Dibromoethane	11.471	107	77562	50.685	ug/l	95
64) Tetrachloroethene	11.106	164	68195	54.477	ug/l	88
65) Chlorobenzene	11.894	112	207166	49.840	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	68656	50.794	ug/l	94
67) Ethyl Benzene	11.965	91	393605	50.949	ug/l	100
68) m/p-Xylenes	12.071	106	285034	103.891	ug/l	97
69) o-Xylene	12.400	106	142224	52.169	ug/l	99
70) Styrene	12.412	104	237070	54.147	ug/l	99
71) Bromoform	12.576	173	45416	49.693	ug/l #	96
73) Isopropylbenzene	12.700	105	355466	50.518	ug/l	99
74) N-amyl acetate	12.494	43	210543	48.194	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	118877	48.029	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	108002m	46.605	ug/l	
77) Bromobenzene	12.982	156	73403	48.801	ug/l	99
78) n-propylbenzene	13.035	91	425626	50.633	ug/l	99
79) 2-Chlorotoluene	13.123	91	259992	48.662	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	281051	50.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42897	47.687	ug/l	86
82) 4-Chlorotoluene	13.223	91	263086	49.730	ug/l	99
83) tert-Butylbenzene	13.441	119	218574	48.843	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	285122	50.218	ug/l	98
85) sec-Butylbenzene	13.618	105	329212	49.900	ug/l	98
86) p-Isopropyltoluene	13.729	119	259325	50.580	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128255	47.672	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	132582	49.154	ug/l	99
89) n-Butylbenzene	14.059	91	254808	50.787	ug/l	99
90) Hexachloroethane	14.335	117	43422	48.402	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	127993	51.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22095	47.758	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	60838	48.003	ug/l	95
94) Hexachlorobutadiene	15.506	225	26906	48.594	ug/l	95
95) Naphthalene	15.641	128	234761	48.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59854	48.046	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
Data File : VN080892.D
Acq On : 05 Feb 2024 13:07
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:40:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

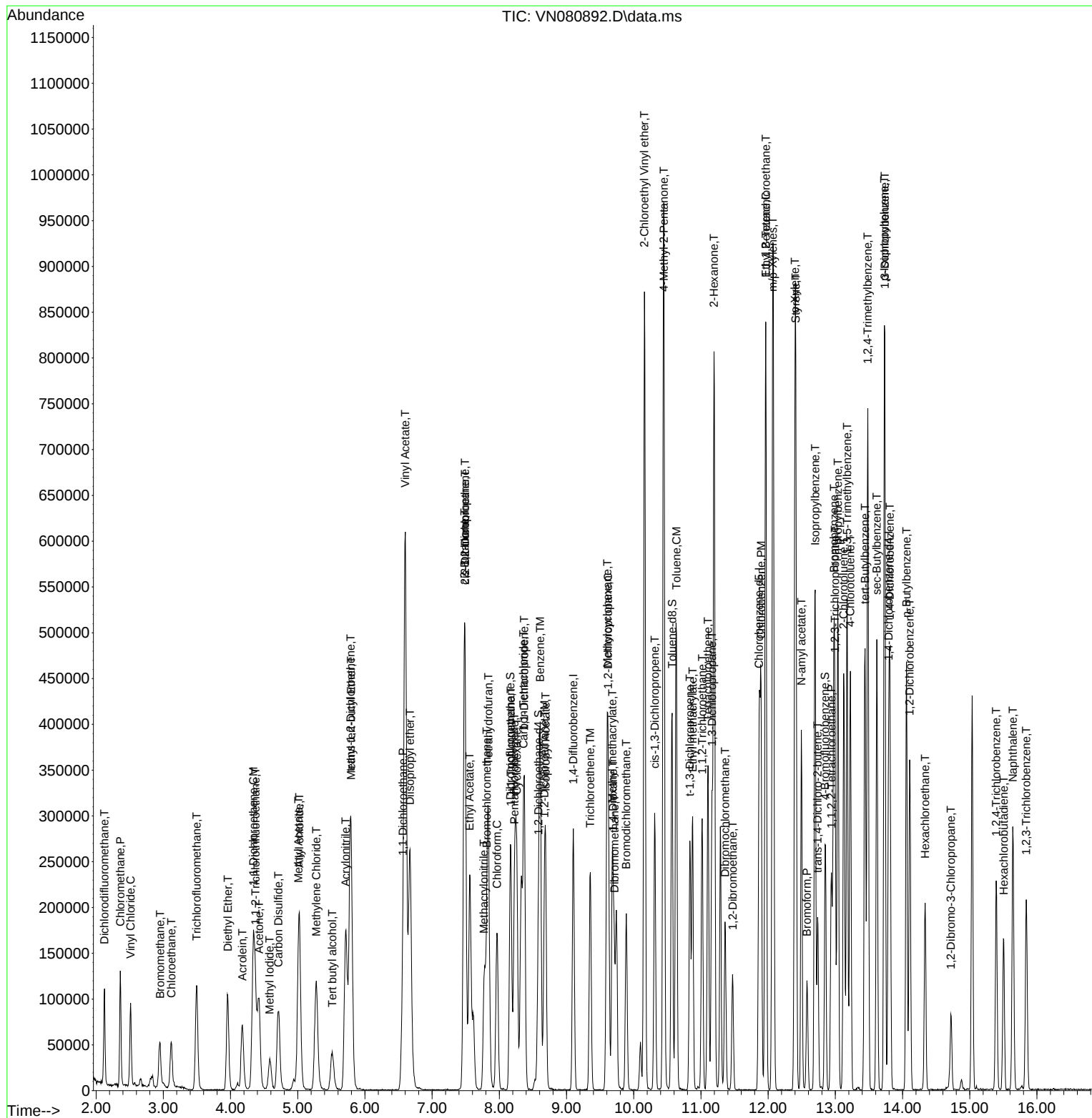
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080892.D
 Acq On : 05 Feb 2024 13:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

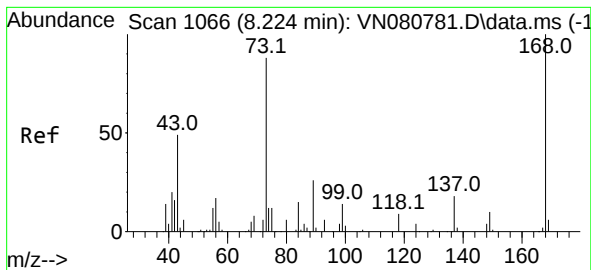
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

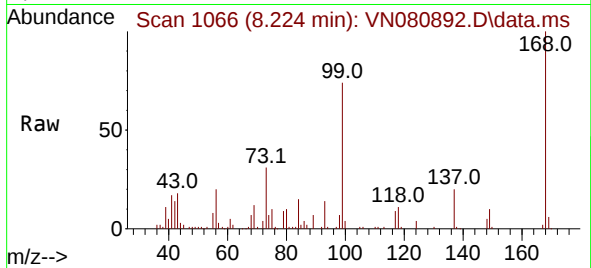
Quant Time: Feb 06 04:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

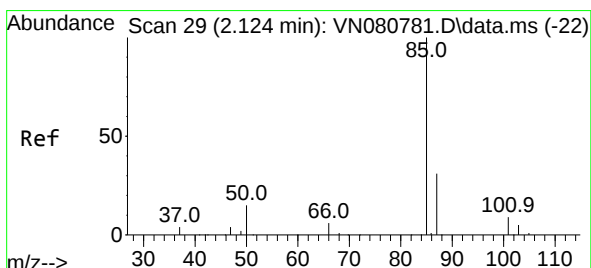
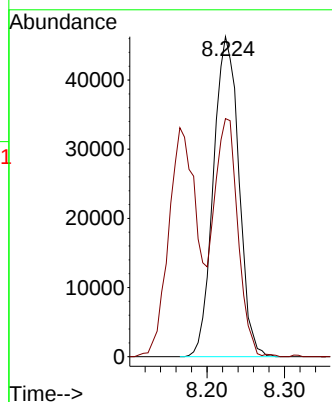
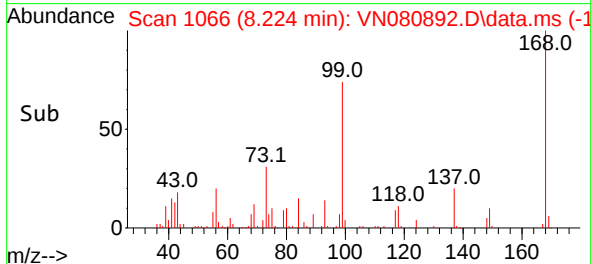
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 105483
Ion Ratio Lower Upper
168 100
99 74.4 59.9 89.9

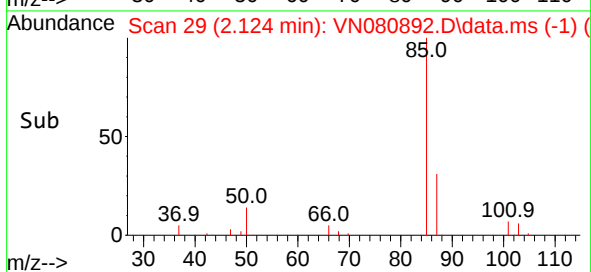
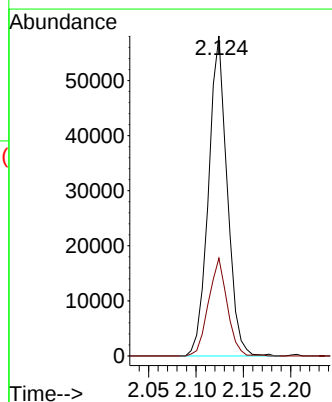
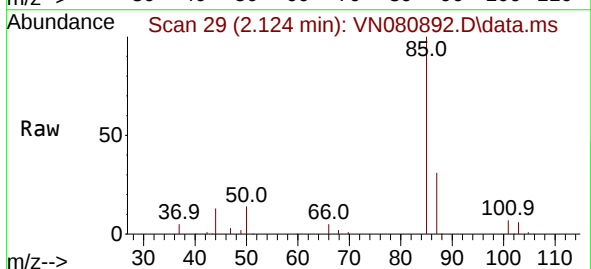
Manual Integrations
APPROVED

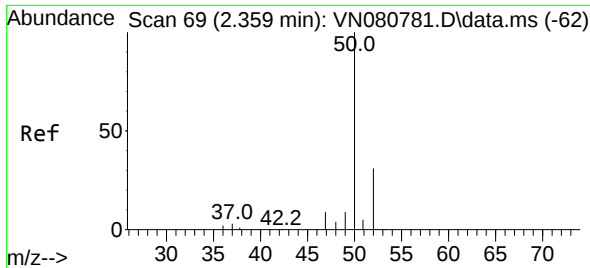
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#2
Dichlorodifluoromethane
Concen: 50.860 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

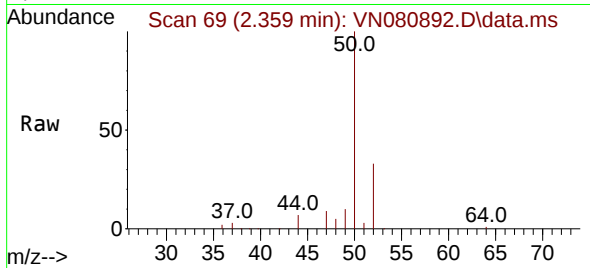
Tgt Ion: 85 Resp: 79685
Ion Ratio Lower Upper
85 100
87 30.6 15.3 45.9





#3
Chloromethane
Concen: 46.087 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

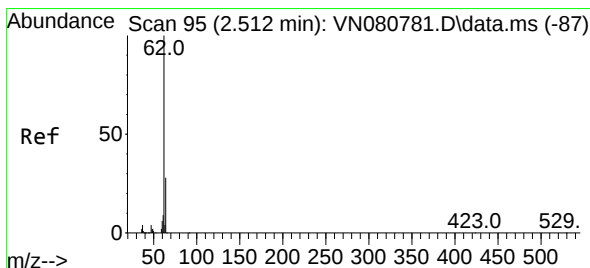
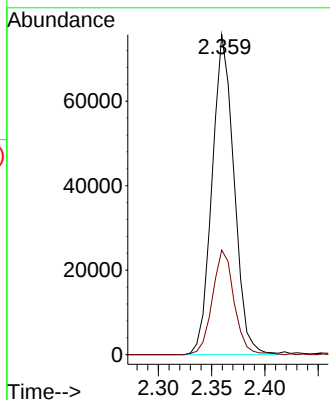
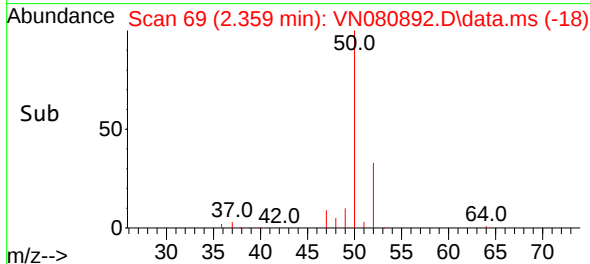
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 108540
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

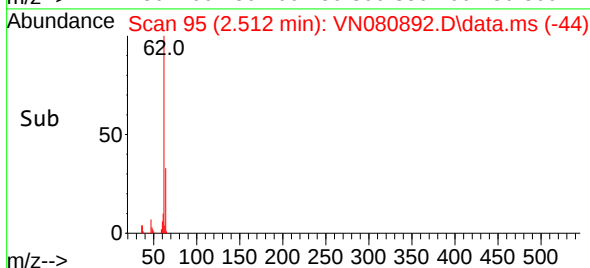
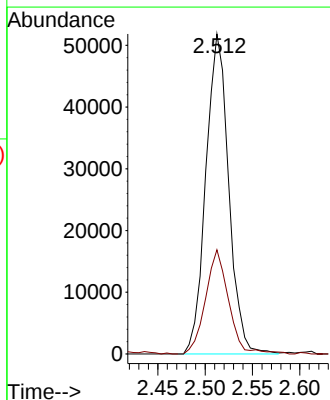
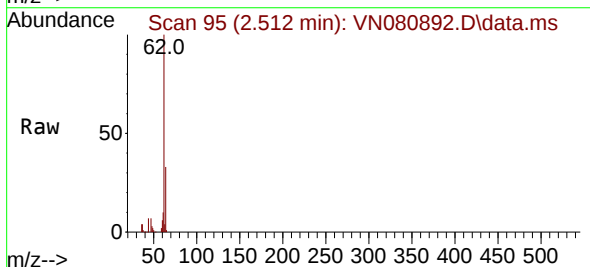
Manual Integrations
APPROVED

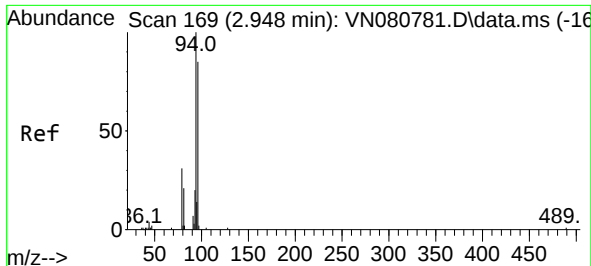
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#4
Vinyl Chloride
Concen: 48.505 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

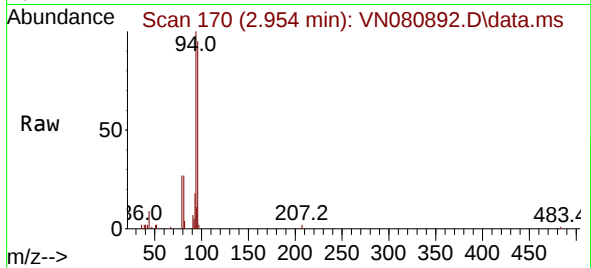
Tgt Ion: 62 Resp: 86848
Ion Ratio Lower Upper
62 100
64 32.5 22.7 34.1





#5
Bromomethane
Concen: 52.069 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

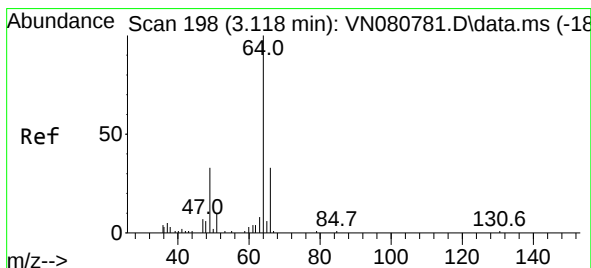
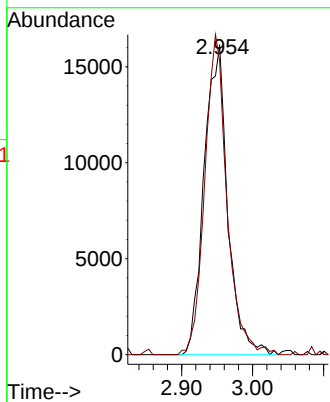
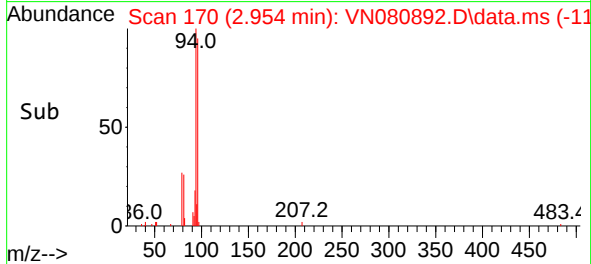
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 37290
Ion Ratio Lower Upper
94 100
96 94.8 69.2 103.8

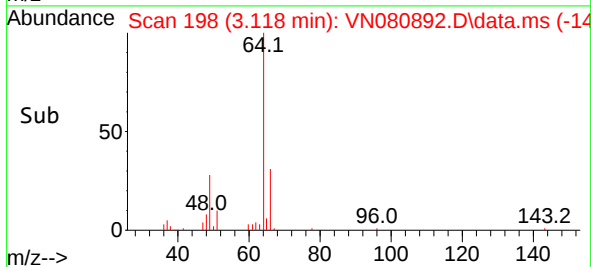
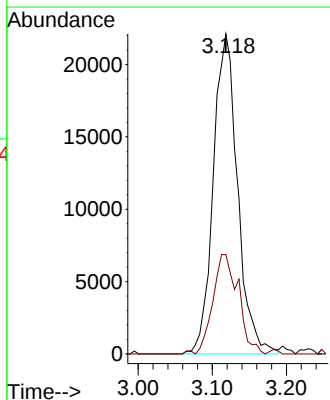
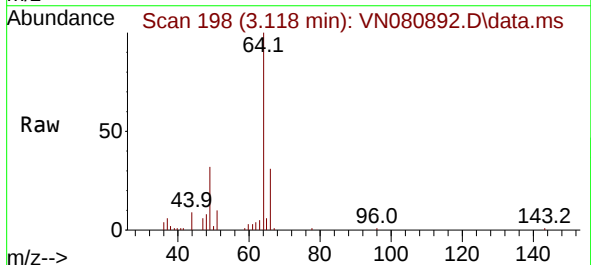
Manual Integrations
APPROVED

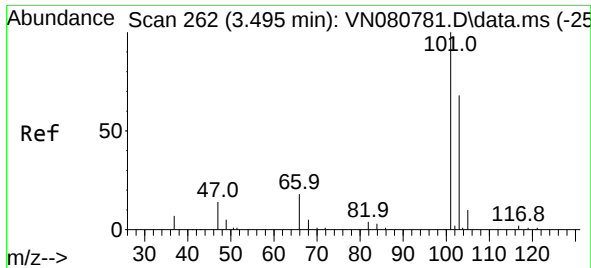
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#6
Chloroethane
Concen: 52.779 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

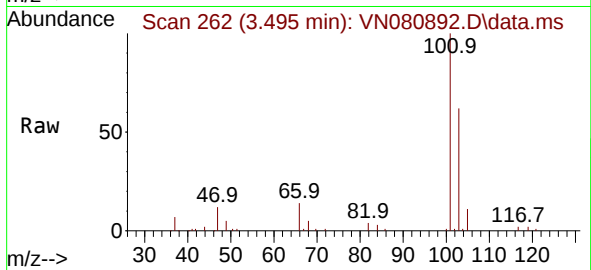
Tgt Ion: 64 Resp: 50382
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 51.202 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN080892.D
 Acq: 05 Feb 2024 13:07

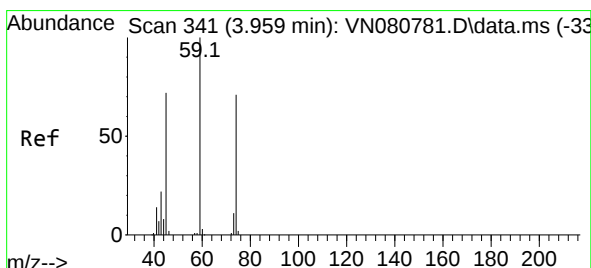
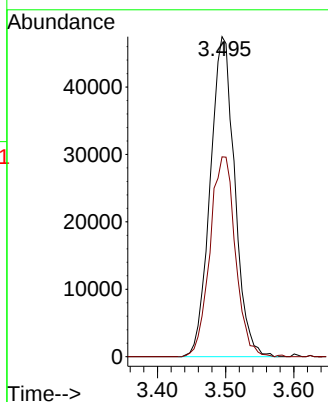
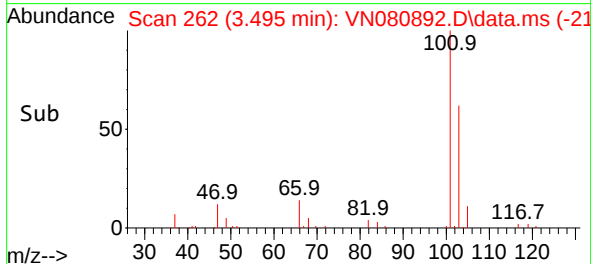
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 118649
 Ion Ratio Lower Upper
 101 100
 103 62.4 54.4 81.6

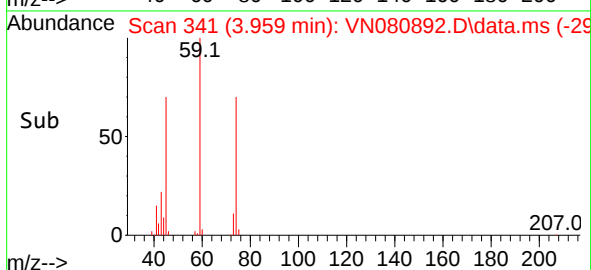
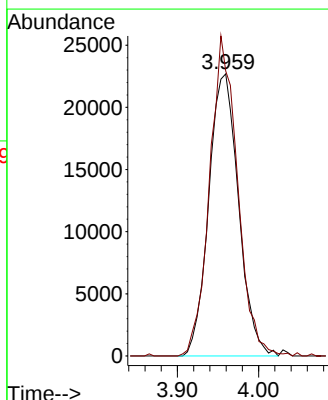
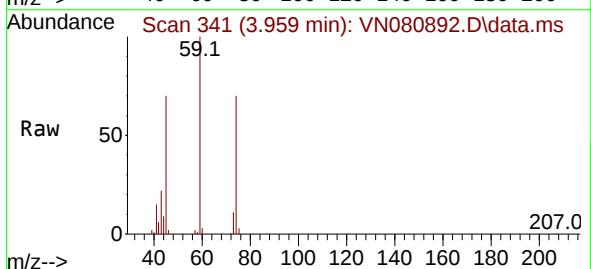
Manual Integrations
 APPROVED

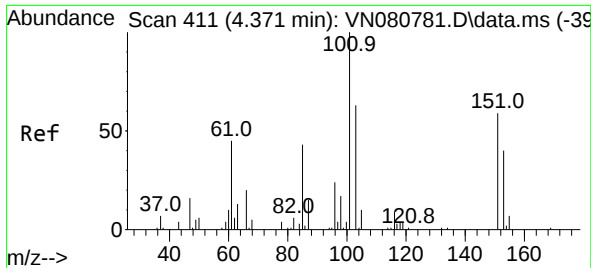
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#8
 Diethyl Ether
 Concen: 54.162 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080892.D
 Acq: 05 Feb 2024 13:07

Tgt Ion: 74 Resp: 57899
 Ion Ratio Lower Upper
 74 100
 45 106.2 53.3 159.9





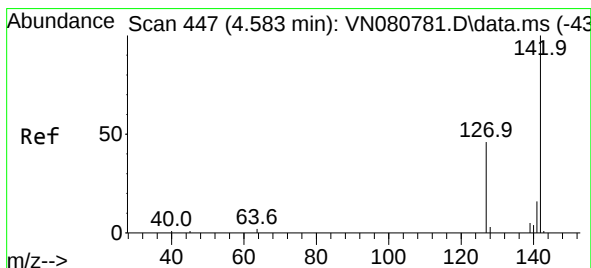
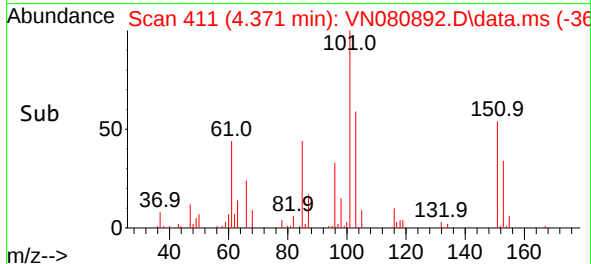
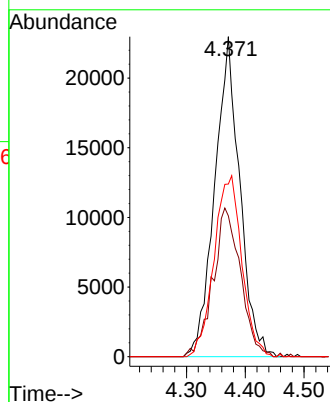
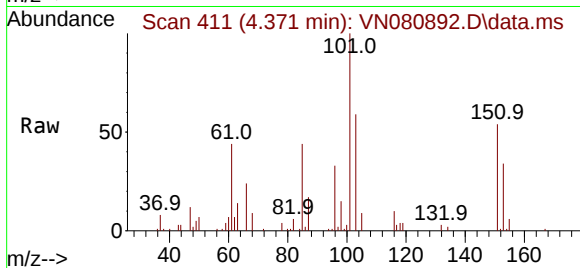
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.347 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6803
Ion Ratio Lower Upper
101 100
85 51.0 38.1 57.1
151 62.6 49.1 73.7

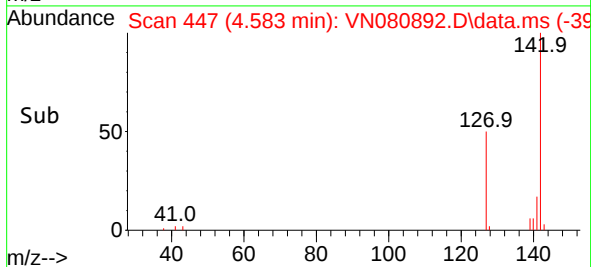
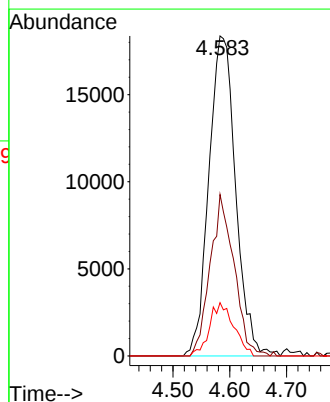
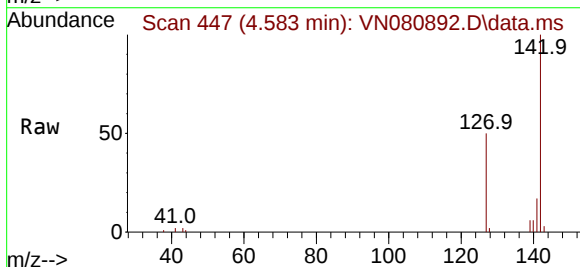
Manual Integrations
APPROVED

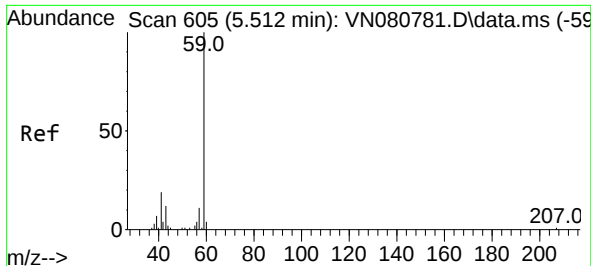
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#10
Methyl Iodide
Concen: 52.686 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

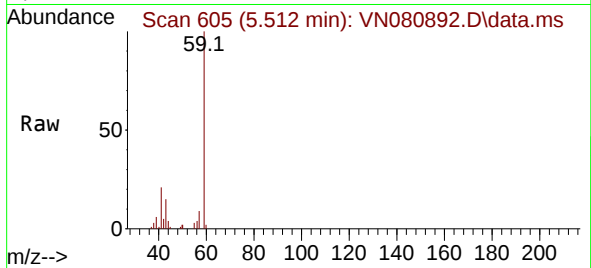
Tgt Ion:142 Resp: 60099
Ion Ratio Lower Upper
142 100
127 50.5 37.0 55.4
141 16.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 258.640 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

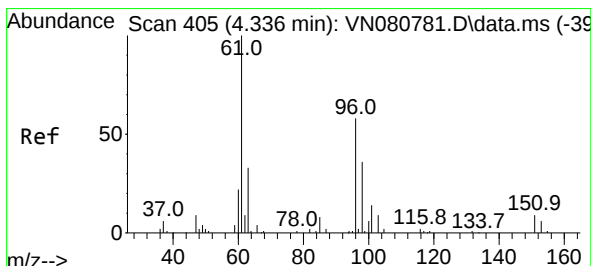
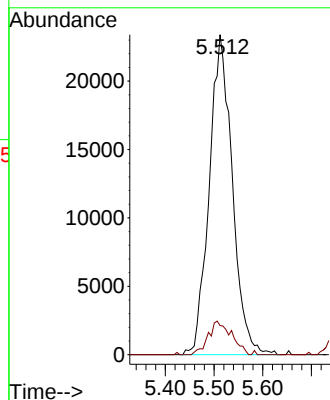
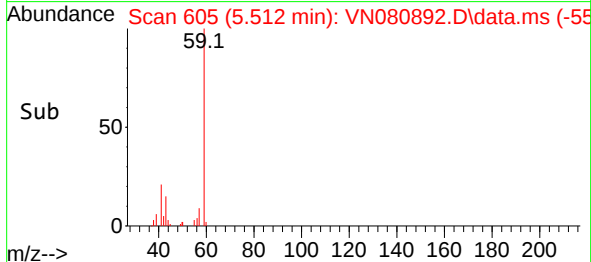
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



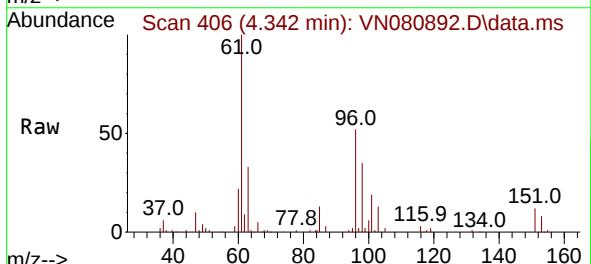
Tgt Ion: 59 Resp: 7693
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
APPROVED

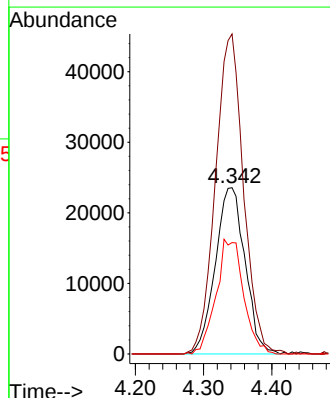
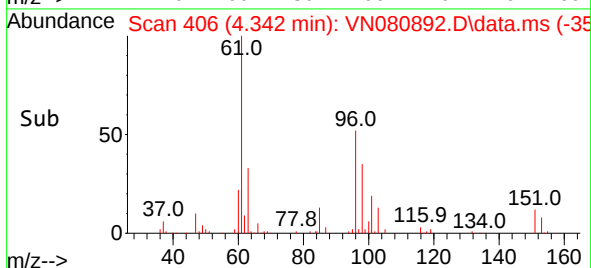
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

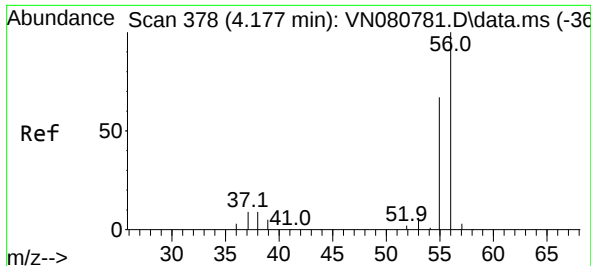


#12
1,1-Dichloroethene
Concen: 48.206 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07



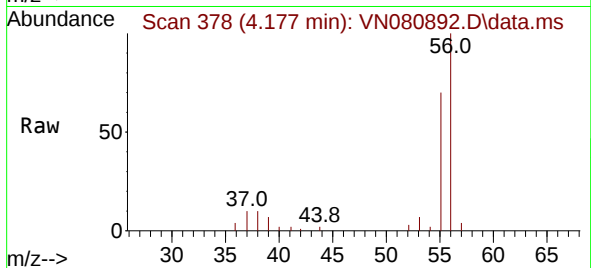
Tgt Ion: 96 Resp: 71375
Ion Ratio Lower Upper
96 100
61 192.6 138.2 207.4
98 67.0 49.2 73.8





#13
Acrolein
Concen: 248.685 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

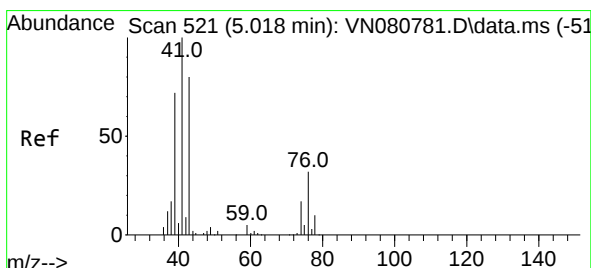
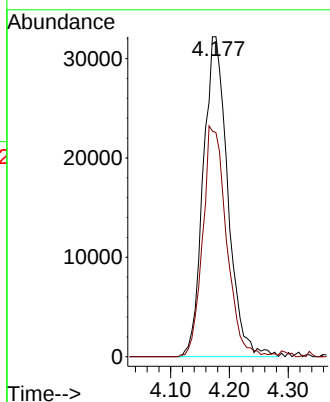
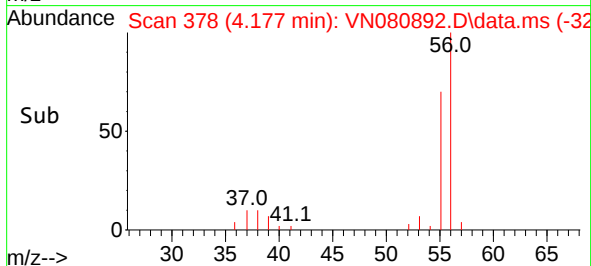
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9328
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9

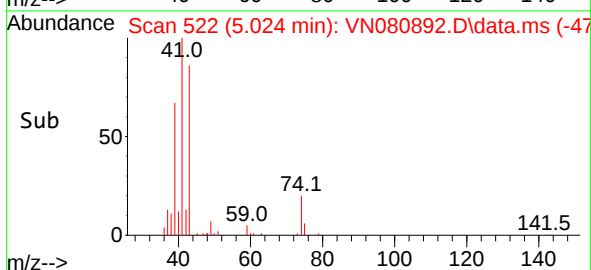
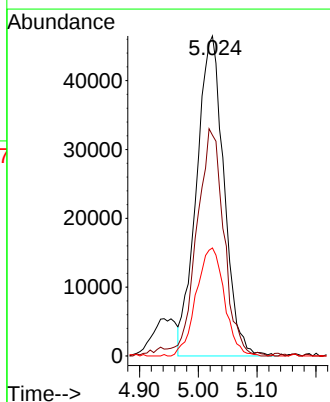
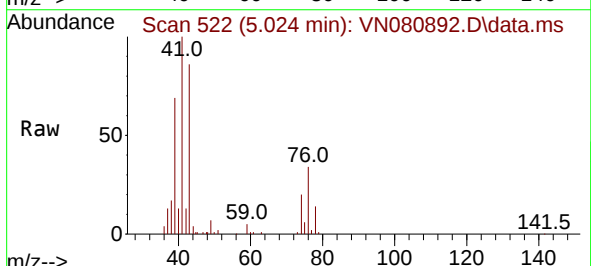
Manual Integrations
APPROVED

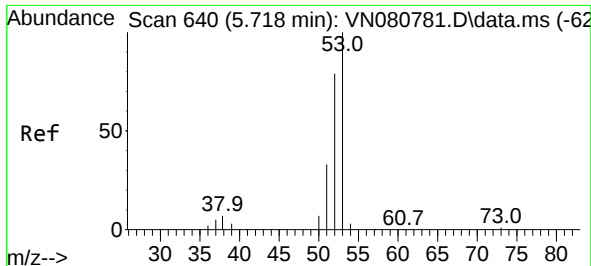
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#14
Allyl chloride
Concen: 51.483 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

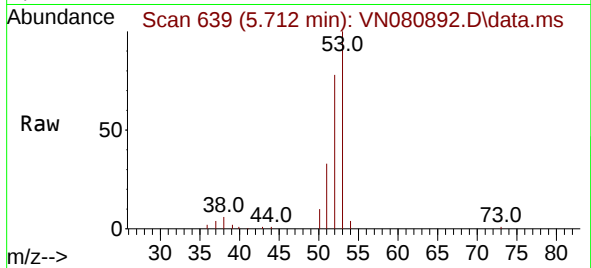
Tgt Ion: 41 Resp: 150669
Ion Ratio Lower Upper
41 100
39 70.0 57.7 86.5
76 34.6 26.8 40.2





#15
Acrylonitrile
Concen: 268.595 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

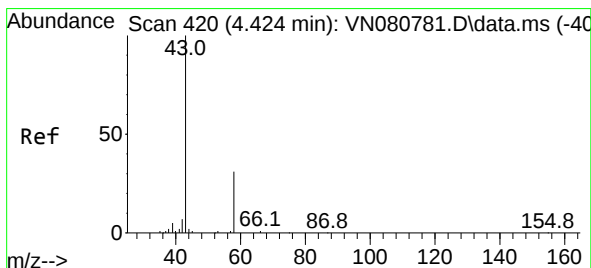
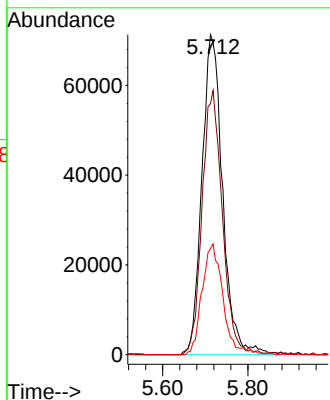
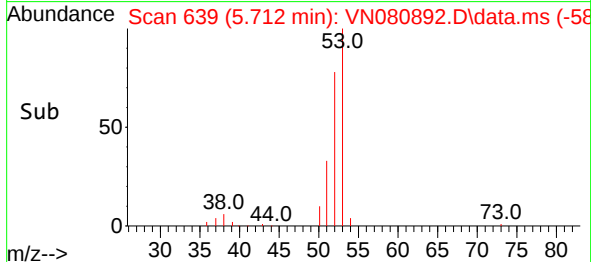
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 240294
Ion Ratio Lower Upper
53 100
52 81.0 64.8 97.2
51 34.9 26.9 40.3

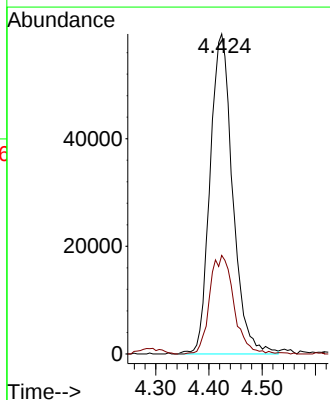
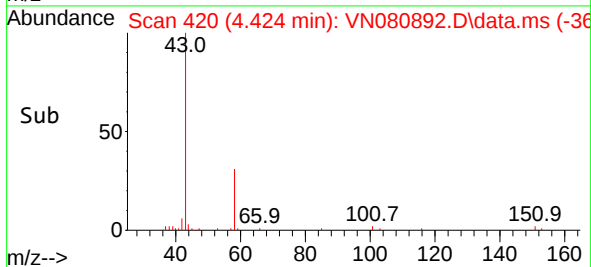
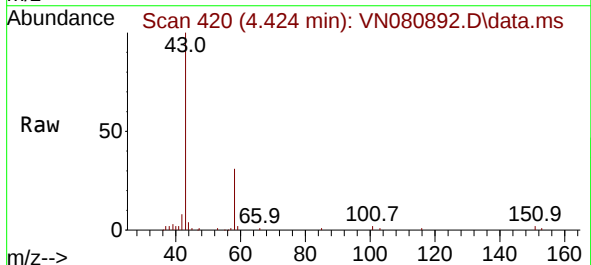
Manual Integrations
APPROVED

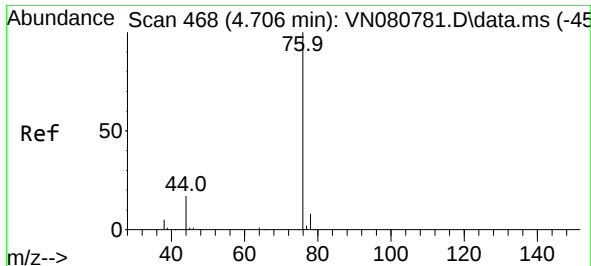
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#16
Acetone
Concen: 265.406 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion: 43 Resp: 175650
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2





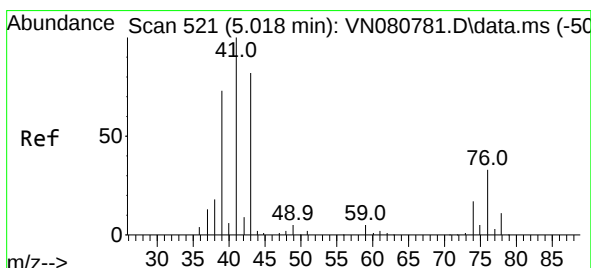
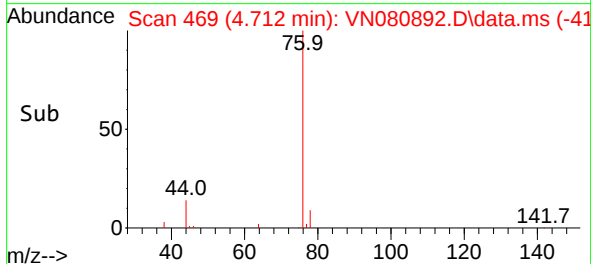
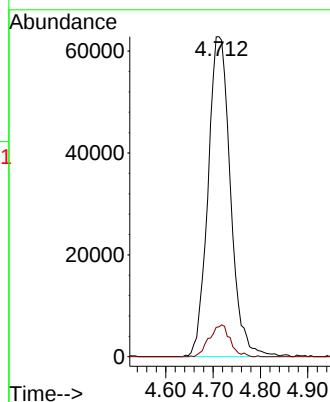
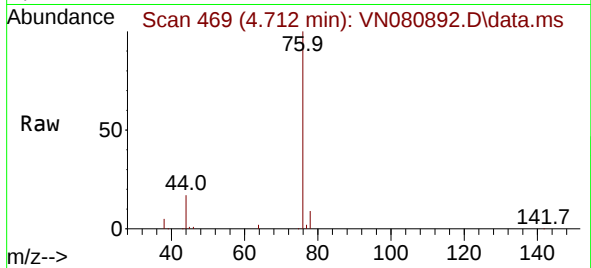
#17
Carbon Disulfide
Concen: 44.954 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 20721
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5

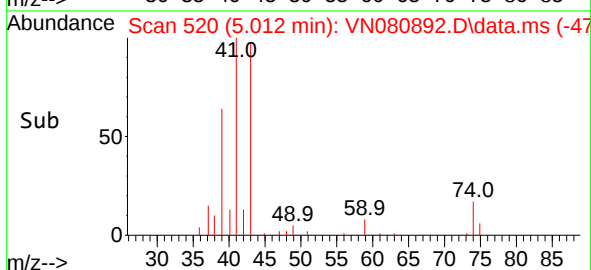
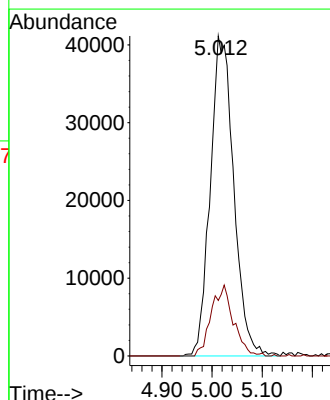
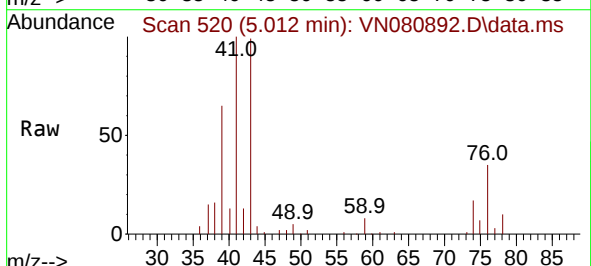
Manual Integrations
APPROVED

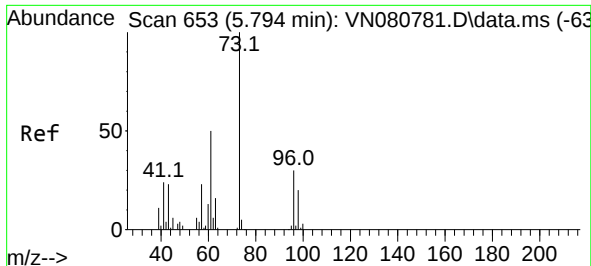
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#18
Methyl Acetate
Concen: 57.920 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion: 43 Resp: 133594
Ion Ratio Lower Upper
43 100
74 21.0 17.3 25.9





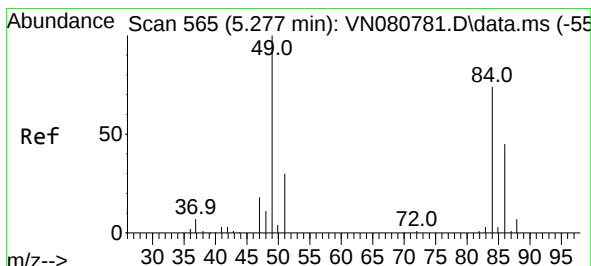
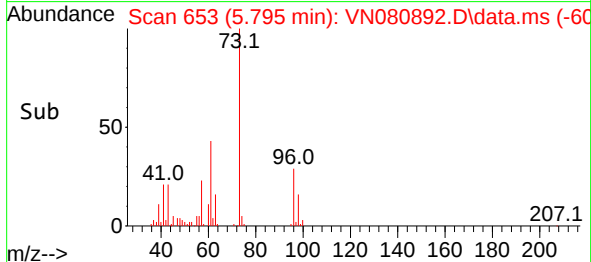
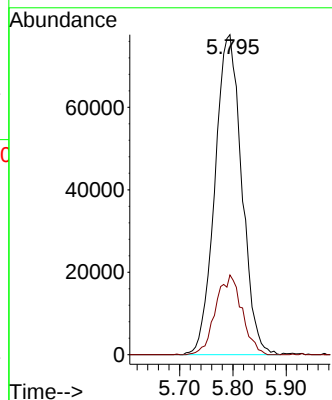
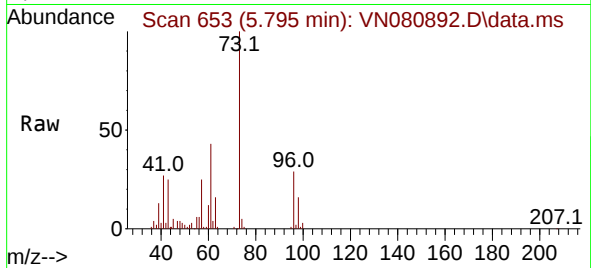
#19
Methyl tert-butyl Ether
Concen: 52.068 ug/l
RT: 5.795 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 27164
Ion Ratio Lower Upper
73 100
57 24.9 18.2 27.4

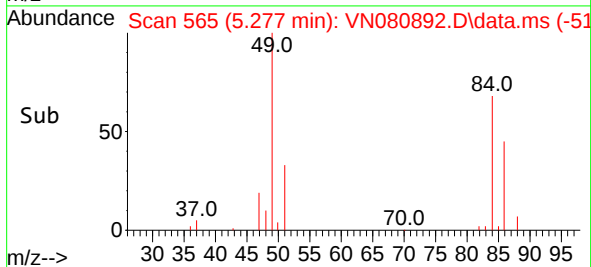
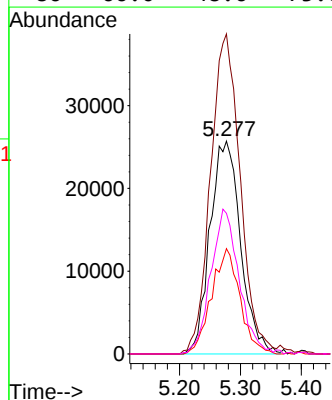
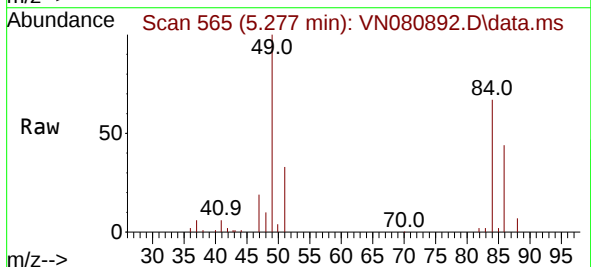
Manual Integrations
APPROVED

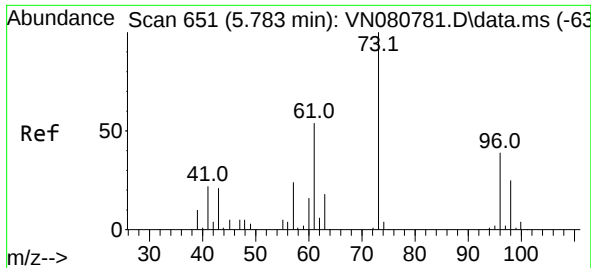
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#20
Methylene Chloride
Concen: 51.615 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion: 84 Resp: 89670
Ion Ratio Lower Upper
84 100
49 150.3 108.1 162.1
51 49.5 32.9 49.3#
86 66.0 48.6 73.0





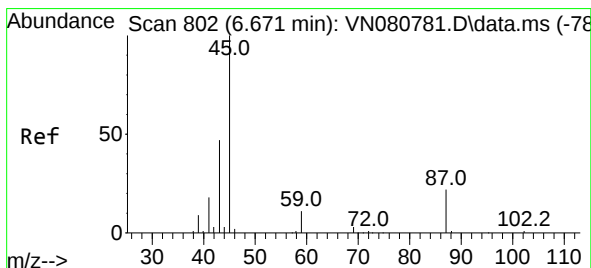
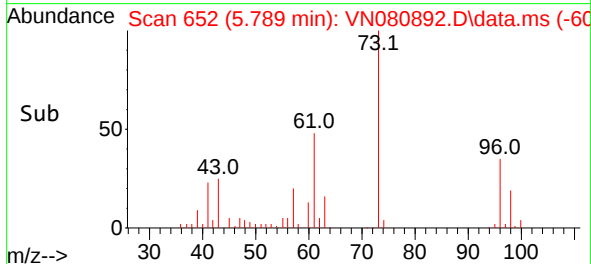
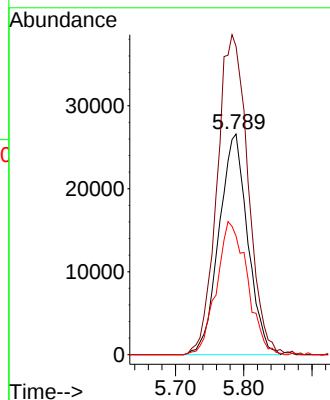
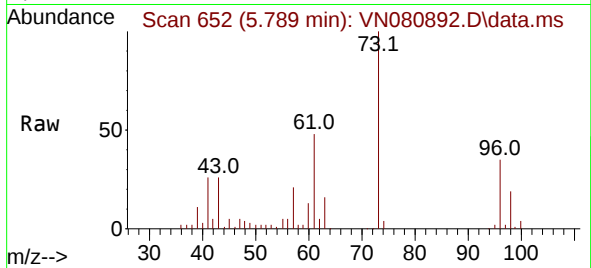
#21
trans-1,2-Dichloroethene
Concen: 48.360 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 77792
Ion Ratio Lower Upper
96 100
61 139.7 112.8 169.2
98 53.7 51.0 76.4

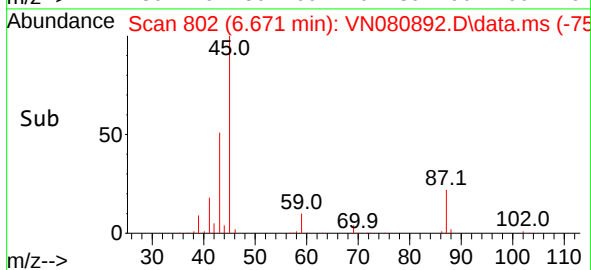
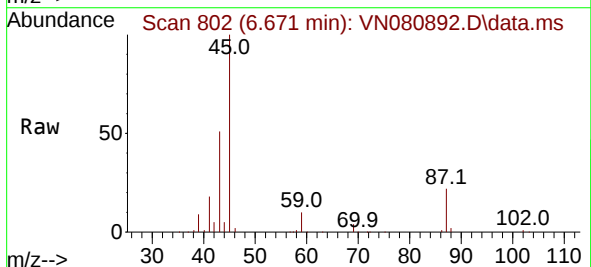
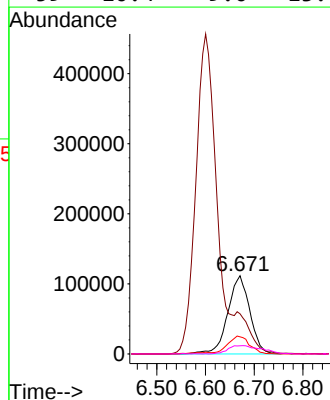
Manual Integrations
APPROVED

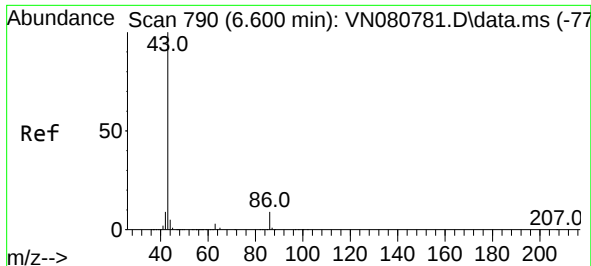
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#22
Diisopropyl ether
Concen: 54.274 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

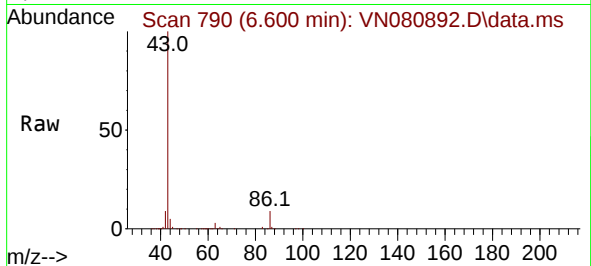
Tgt Ion: 45 Resp: 350465
Ion Ratio Lower Upper
45 100
43 50.5 41.8 62.8
87 21.9 18.1 27.1
59 10.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 287.076 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080892.D
 Acq: 05 Feb 2024 13:07

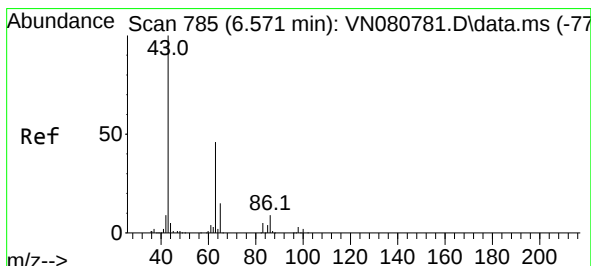
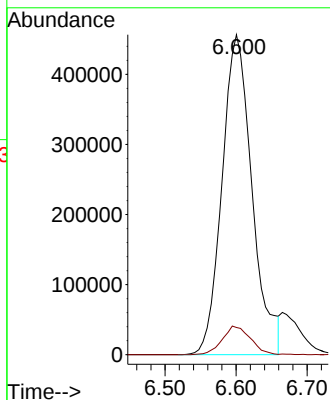
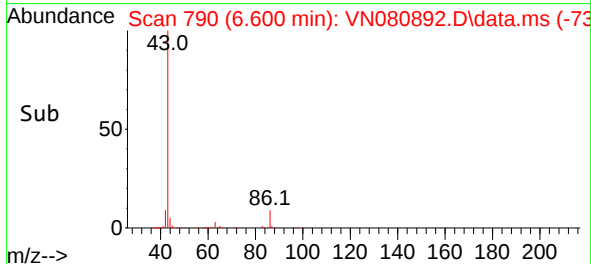
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 134128
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.1 10.7

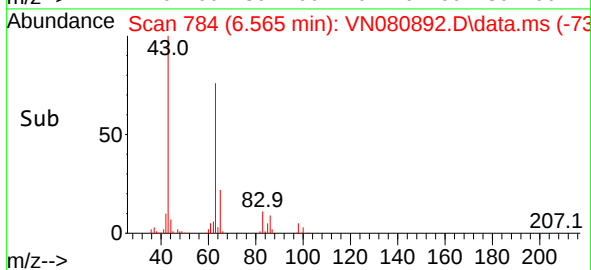
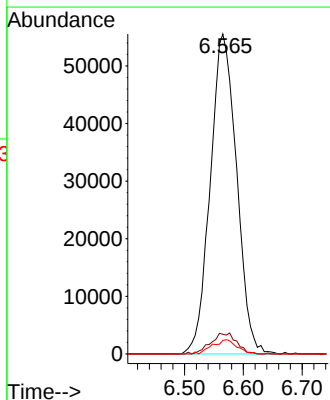
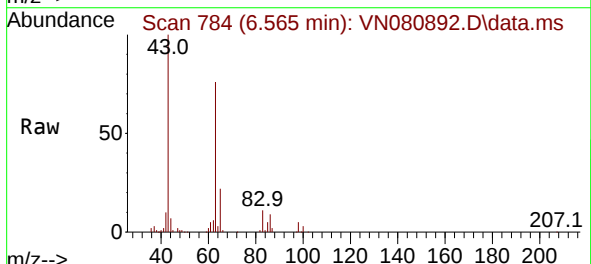
Manual Integrations
 APPROVED

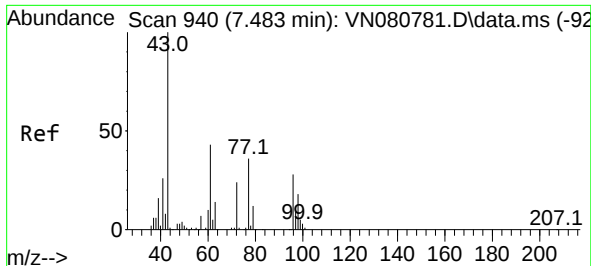
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#24
 1,1-Dichloroethane
 Concen: 52.817 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080892.D
 Acq: 05 Feb 2024 13:07

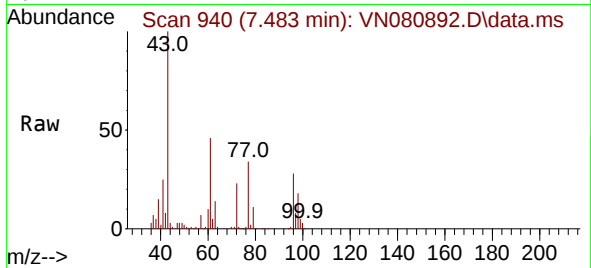
Tgt Ion: 63 Resp: 172967
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 4.3 1.9 5.7





#25
2-Butanone
Concen: 259.165 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

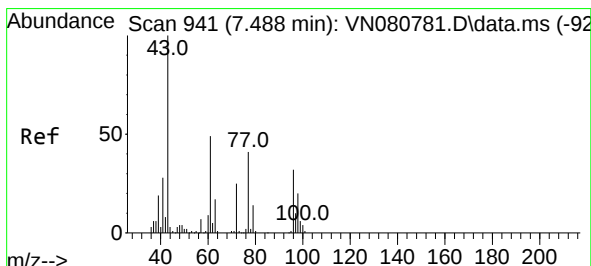
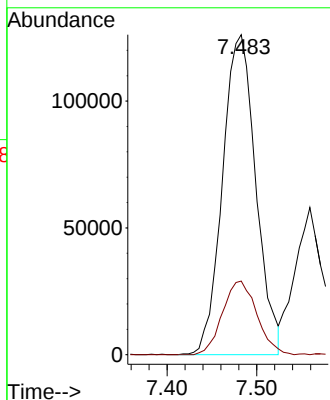
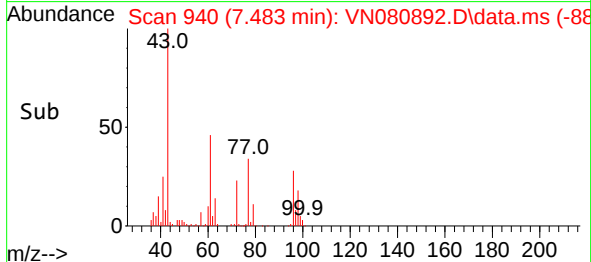
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 32578
Ion Ratio Lower Upper
43 100
72 23.0 19.5 29.3

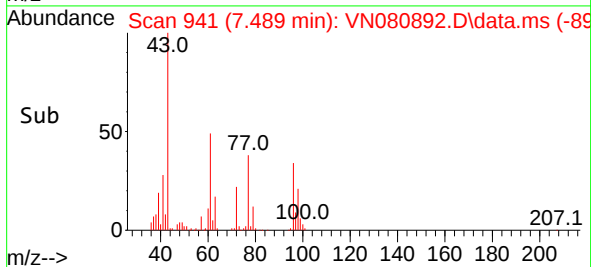
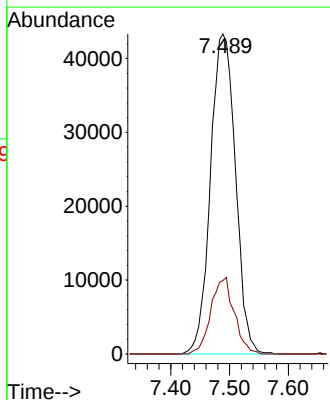
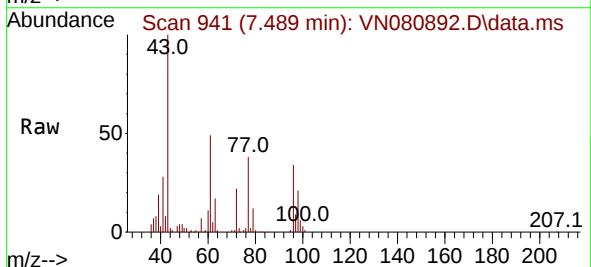
Manual Integrations
APPROVED

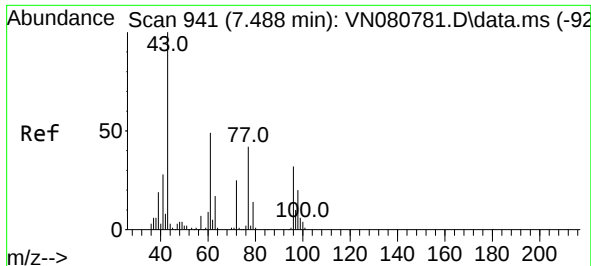
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#26
2,2-Dichloropropane
Concen: 48.264 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

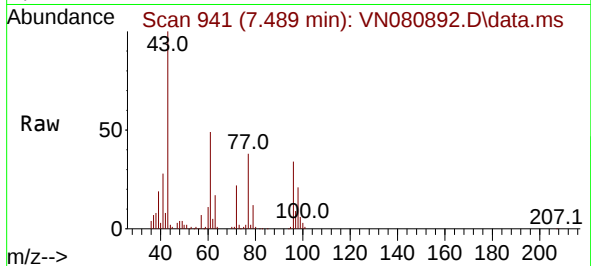
Tgt Ion: 77 Resp: 127751
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 51.754 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

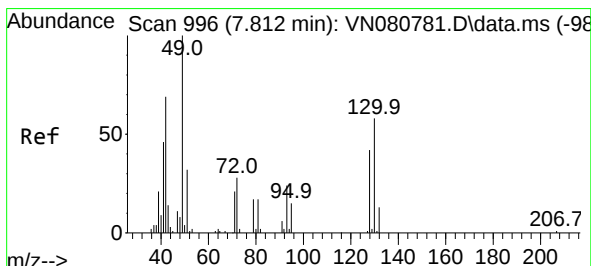
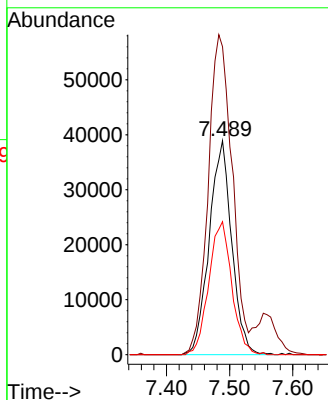
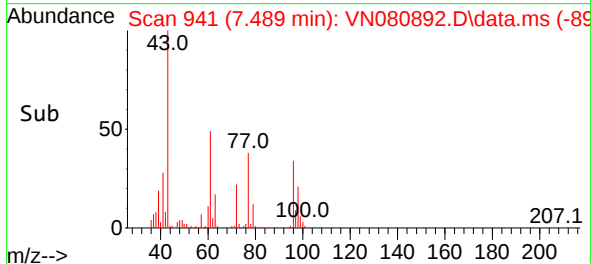
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 96369
Ion Ratio Lower Upper
96 100
61 159.2 0.0 325.4
98 63.6 0.0 130.4

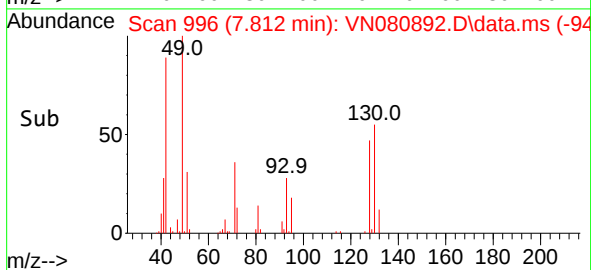
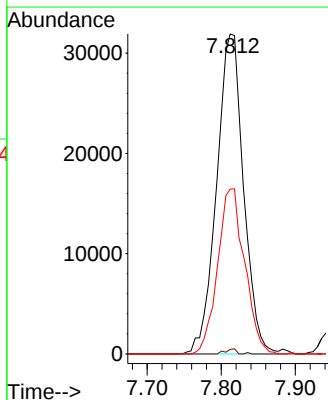
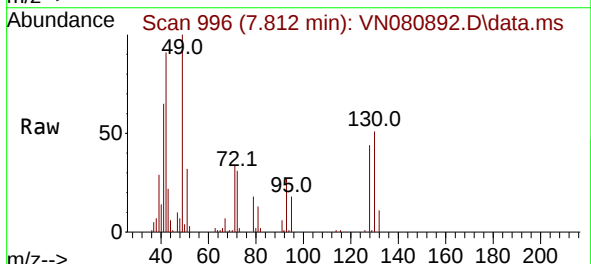
Manual Integrations
APPROVED

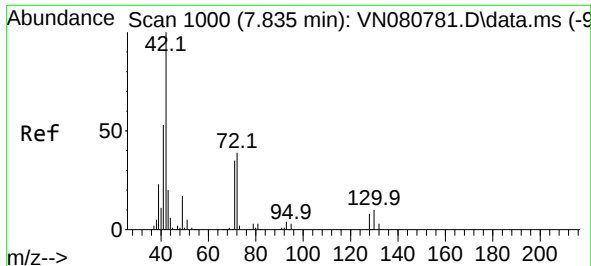
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#28
Bromochloromethane
Concen: 46.540 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion: 49 Resp: 80694
Ion Ratio Lower Upper
49 100
129 0.6 0.0 1.6
130 51.6 42.3 63.5





#29

Tetrahydrofuran

Concen: 262.103 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 222945

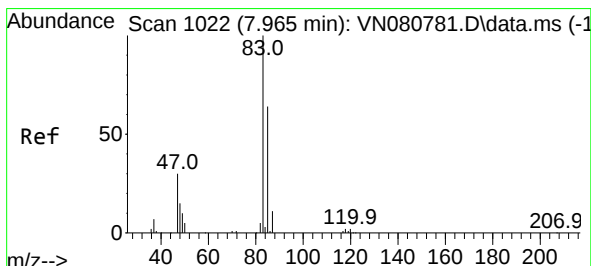
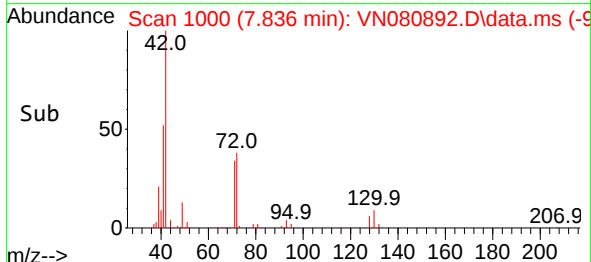
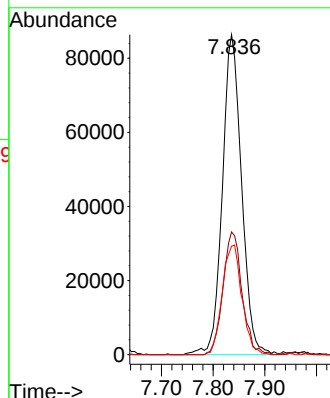
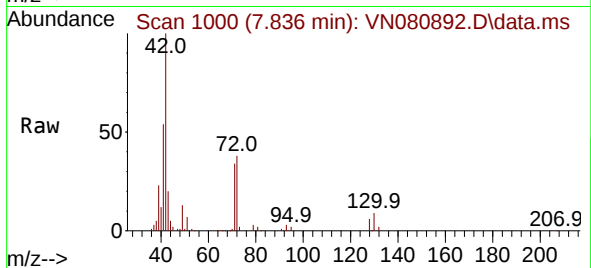
Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.1	46.7
71	35.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#30

Chloroform

Concen: 52.033 ug/l

RT: 7.965 min Scan# 1022

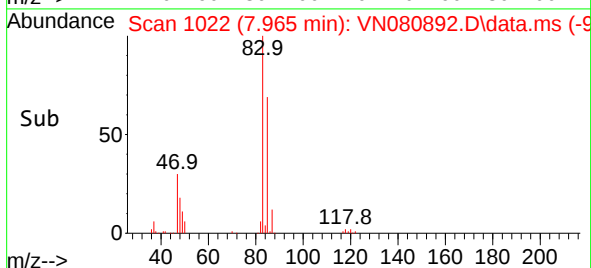
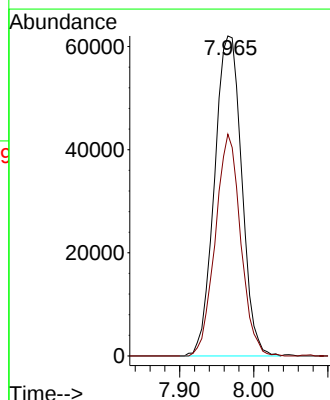
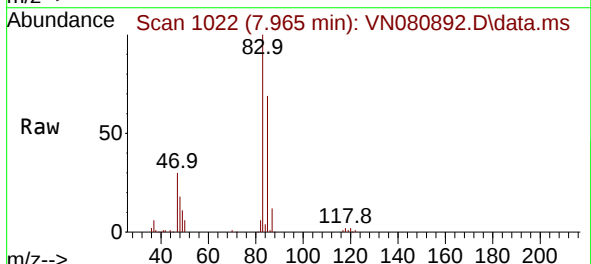
Delta R.T. 0.000 min

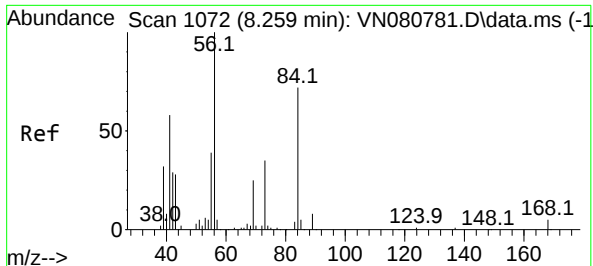
Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion: 83 Resp: 158307

Ion	Ratio	Lower	Upper
83	100		
85	69.3	51.0	76.6





#31

Cyclohexane

Concen: 45.835 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 14342

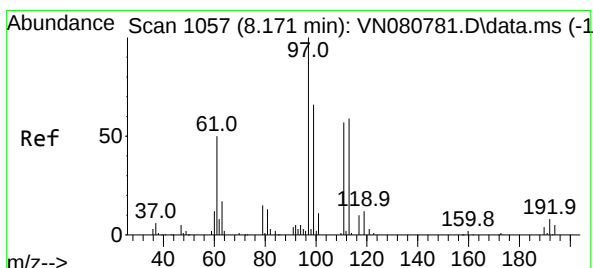
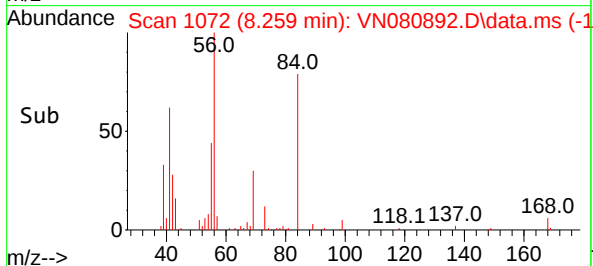
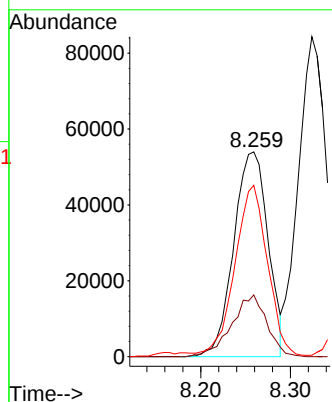
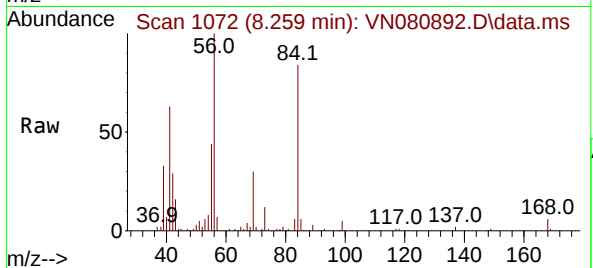
Ion	Ratio	Lower	Upper
56	100		
69	30.2	20.1	30.1
84	81.8	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#32

1,1,1-Trichloroethane

Concen: 51.860 ug/l

RT: 8.171 min Scan# 1057

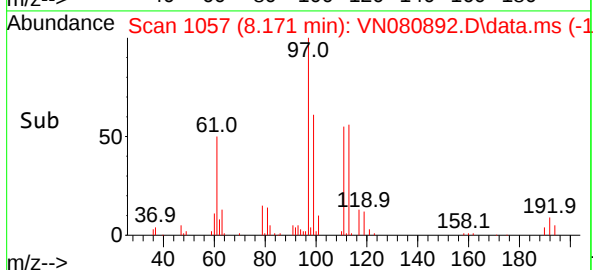
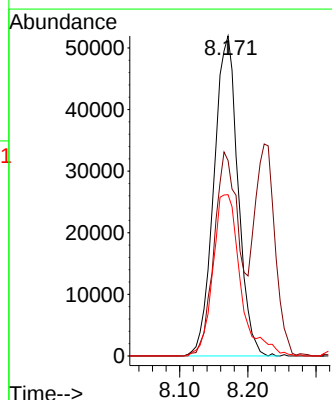
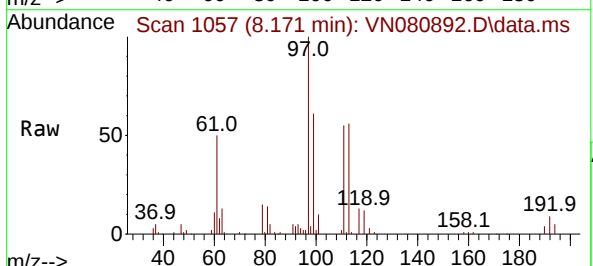
Delta R.T. 0.000 min

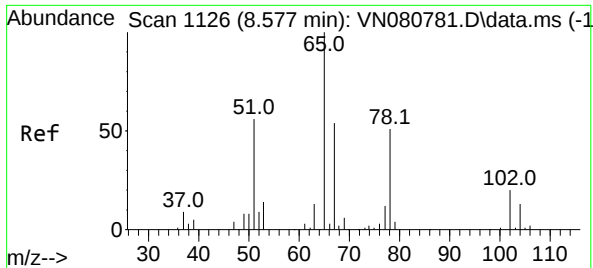
Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion: 97 Resp: 127949

Ion	Ratio	Lower	Upper
97	100		
99	66.7	53.4	80.0
61	57.6	43.8	65.8





#33

1,2-Dichloroethane-d4

Concen: 51.281 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 93580

Ion Ratio Lower Upper

65 100

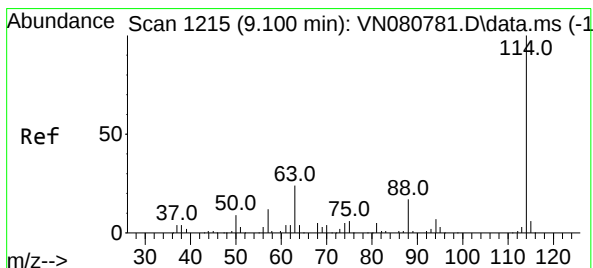
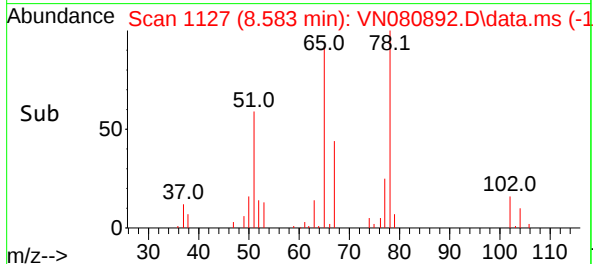
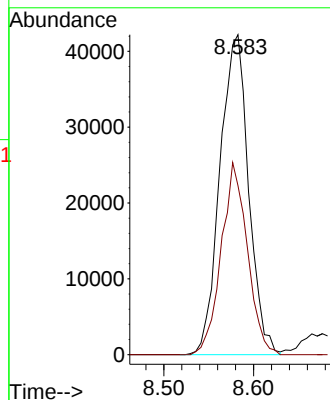
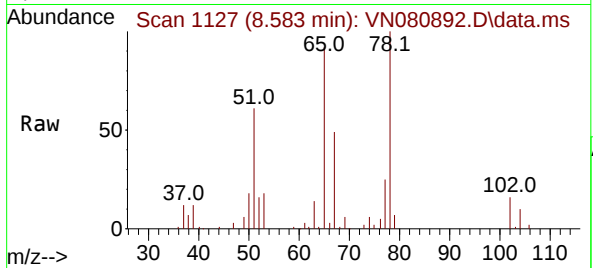
67 54.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

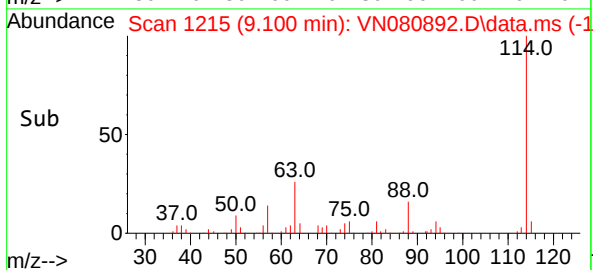
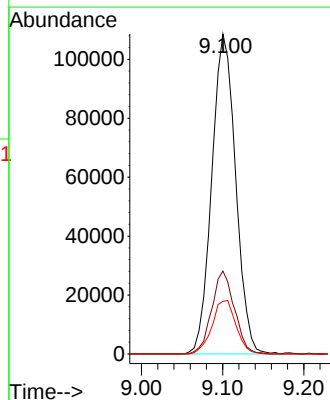
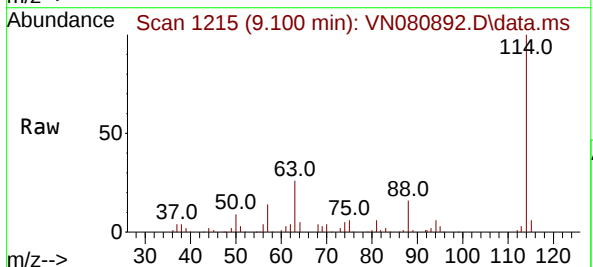
Tgt Ion:114 Resp: 221717

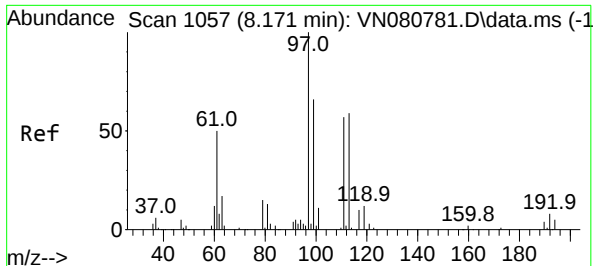
Ion Ratio Lower Upper

114 100

63 25.9 0.0 48.0

88 16.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.334 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

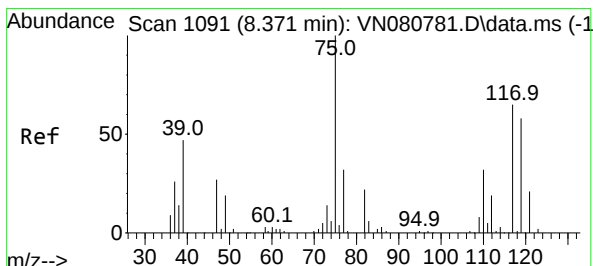
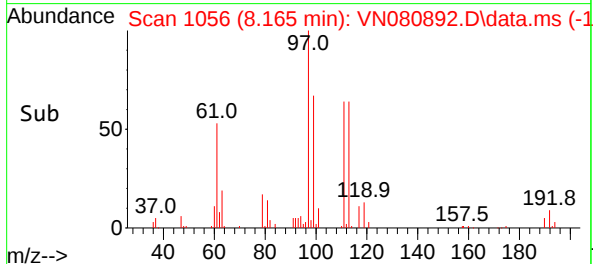
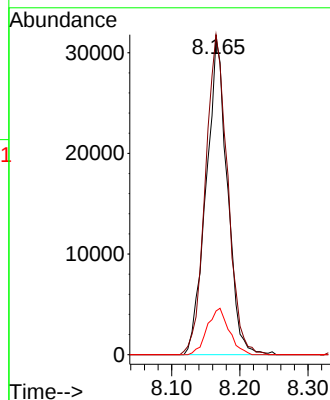
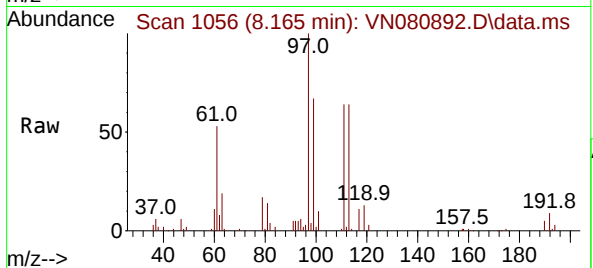
Tgt Ion:	113	Resp:	6827
Ion Ratio	Lower	Upper	
113	100		
111	105.5	82.2	123.4
192	15.0	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#36

1,1-Dichloropropene

Concen: 48.005 ug/l

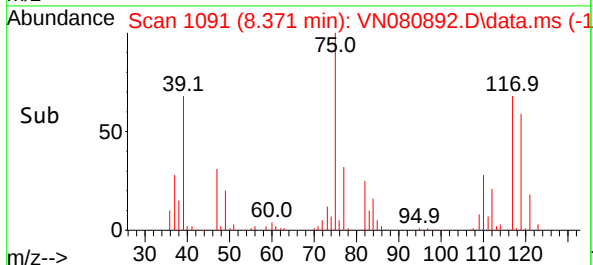
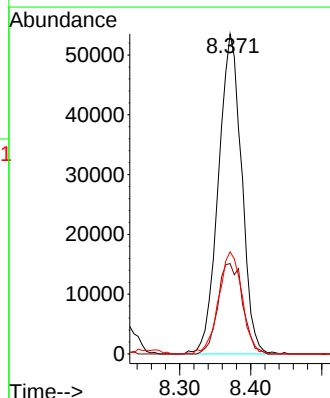
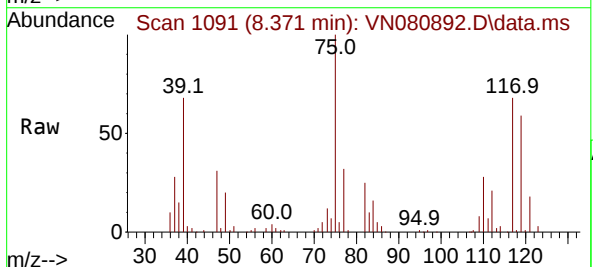
RT: 8.371 min Scan# 1091

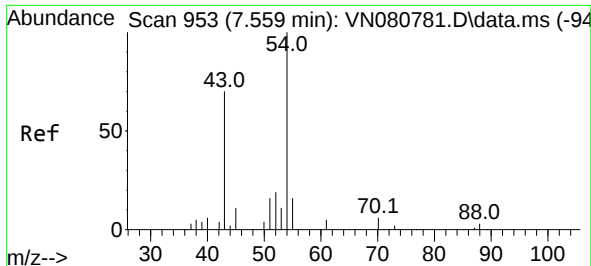
Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion:	75	Resp:	121033
Ion Ratio	Lower	Upper	
75	100		
110	30.4	16.0	48.0
77	32.2	25.8	38.6





#37

Ethyl Acetate

Concen: 50.662 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 131490

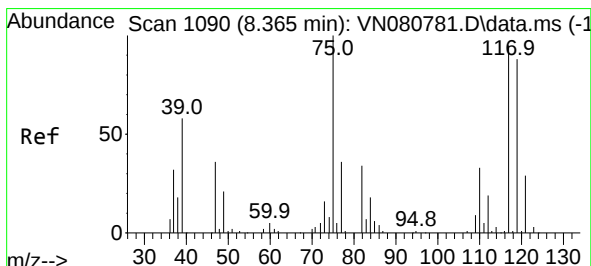
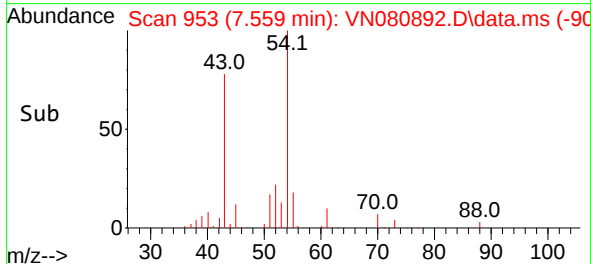
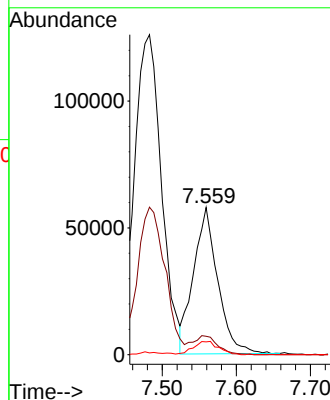
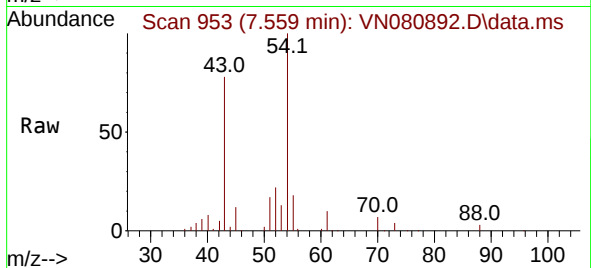
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.6	15.8
70	9.4	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#38

Carbon Tetrachloride

Concen: 50.076 ug/l

RT: 8.359 min Scan# 1089

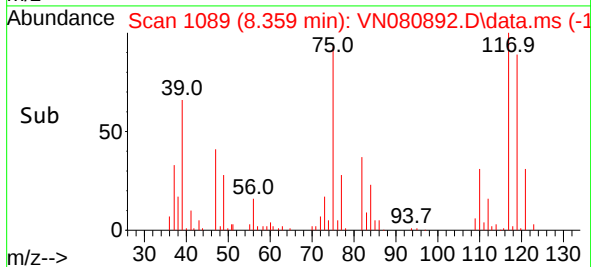
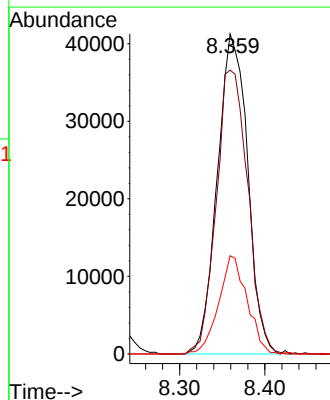
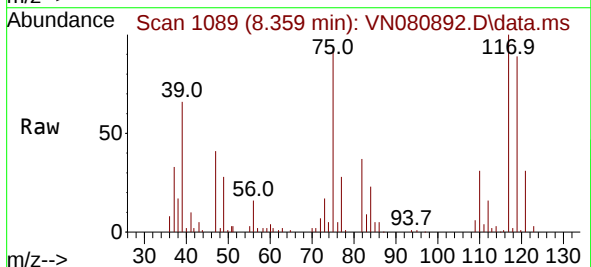
Delta R.T. -0.006 min

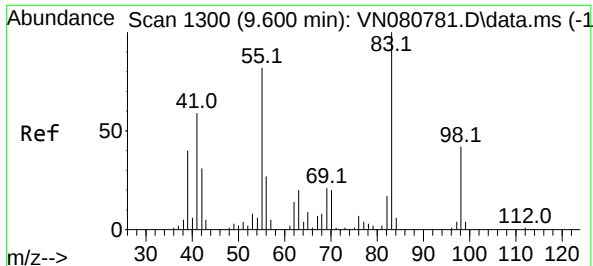
Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion:117 Resp: 101725

Ion	Ratio	Lower	Upper
117	100		
119	88.7	73.4	110.2
121	30.7	24.4	36.6





#39

Methylcyclohexane

Concen: 45.598 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 114269

Ion Ratio Lower Upper

83 100

55 83.4 65.7 98.5

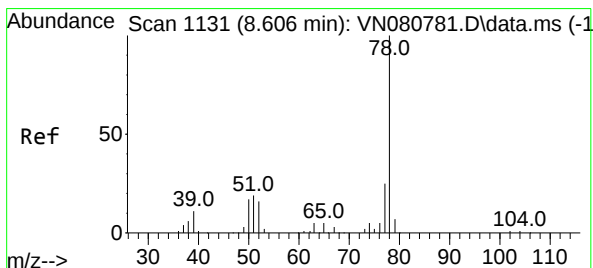
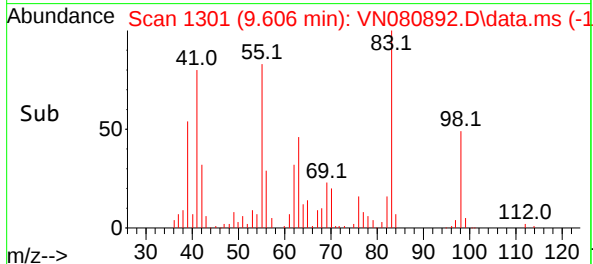
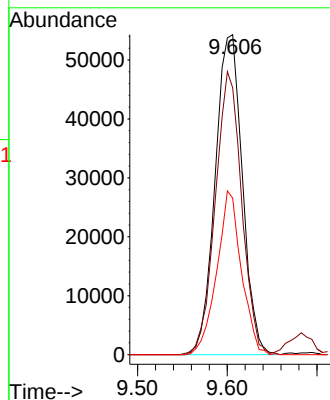
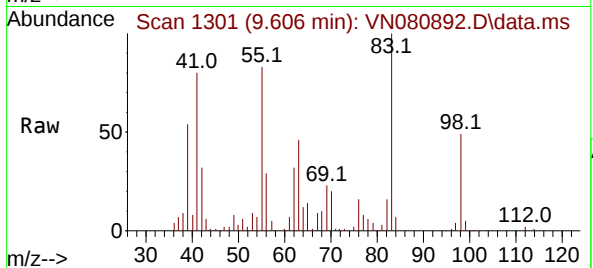
98 48.9 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#40

Benzene

Concen: 50.358 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080892.D

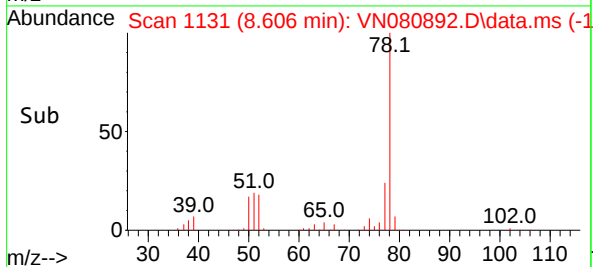
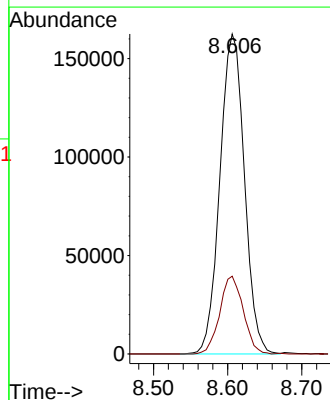
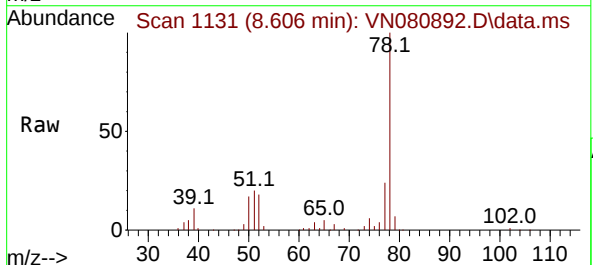
Acq: 05 Feb 2024 13:07

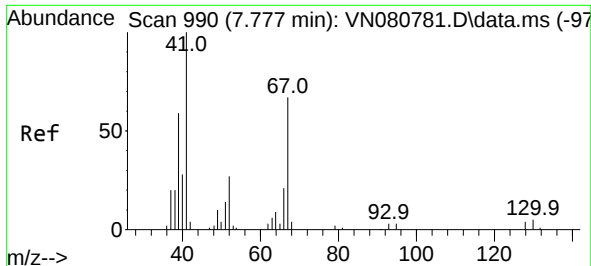
Tgt Ion: 78 Resp: 373161

Ion Ratio Lower Upper

78 100

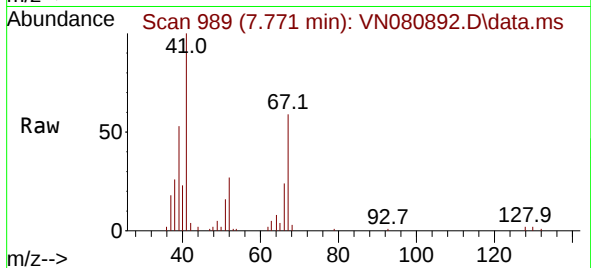
77 24.3 20.4 30.6





#41
Methacrylonitrile
Concen: 52.803 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

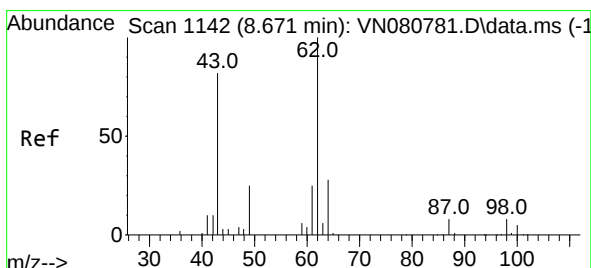
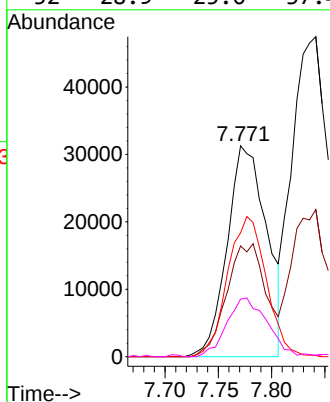
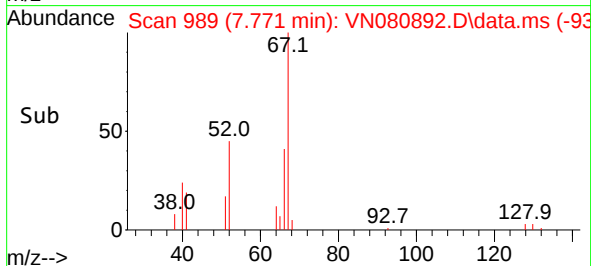
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 80774
Ion Ratio Lower Upper
41 100
39 53.7 48.4 72.6
67 64.8 56.8 85.2
52 28.9 25.0 37.4

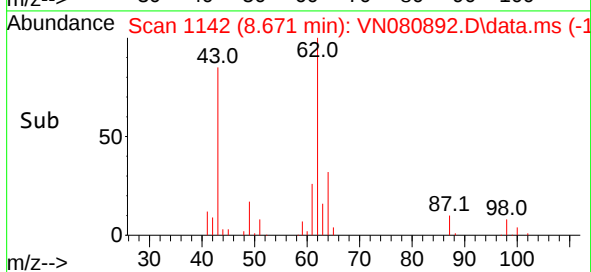
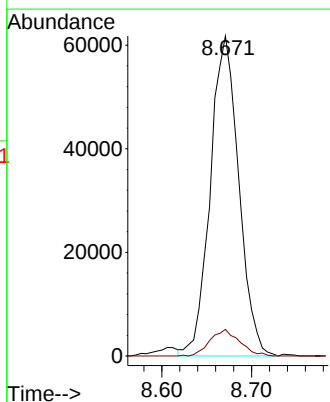
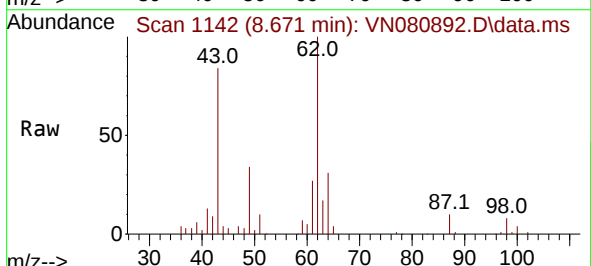
Manual Integrations
APPROVED

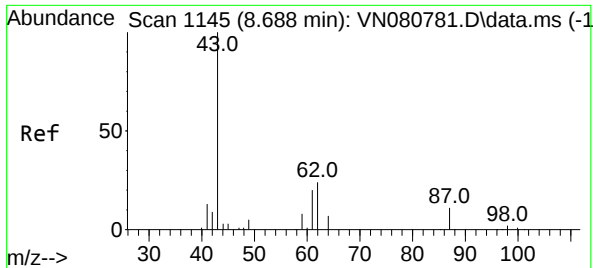
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#42
1,2-Dichloroethane
Concen: 56.424 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion: 62 Resp: 136215
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 50.491 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 23858

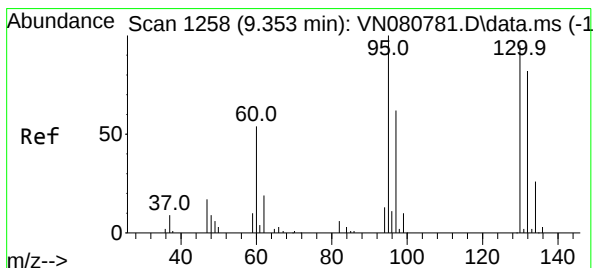
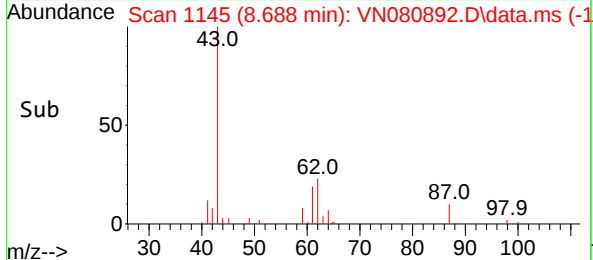
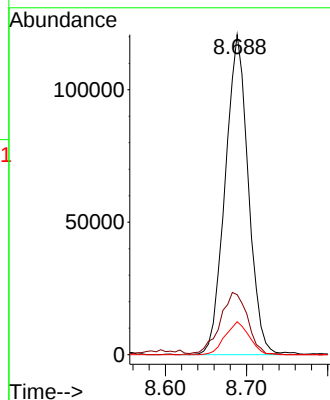
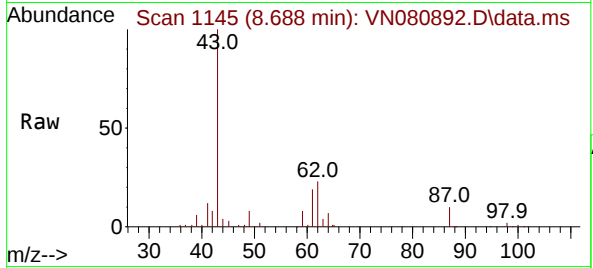
Ion	Ratio	Lower	Upper
43	100		
61	23.3	19.9	29.9
87	10.7	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#44

Trichloroethene

Concen: 47.952 ug/l

RT: 9.353 min Scan# 1258

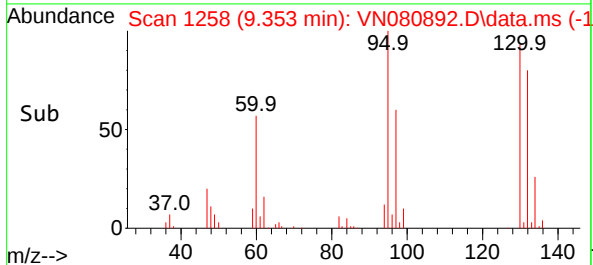
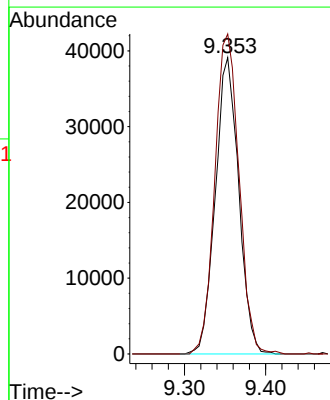
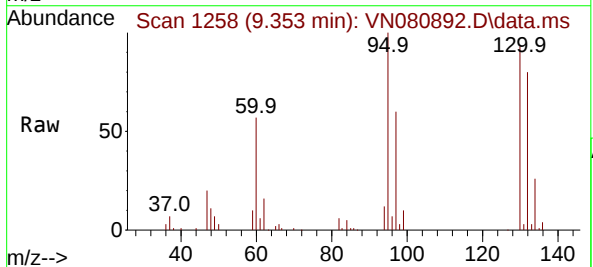
Delta R.T. 0.000 min

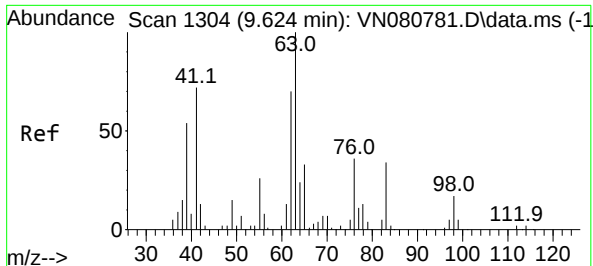
Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion:130 Resp: 78265

Ion	Ratio	Lower	Upper
130	100		
95	108.0	0.0	210.4





#45

1,2-Dichloropropane

Concen: 51.843 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10396

Ion Ratio Lower Upper

63 100

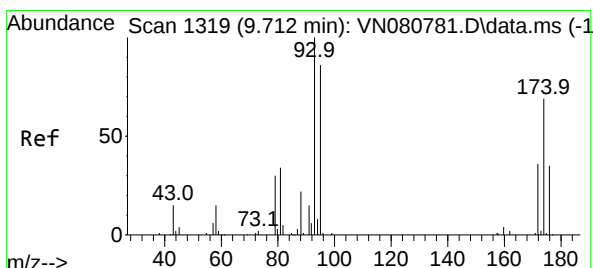
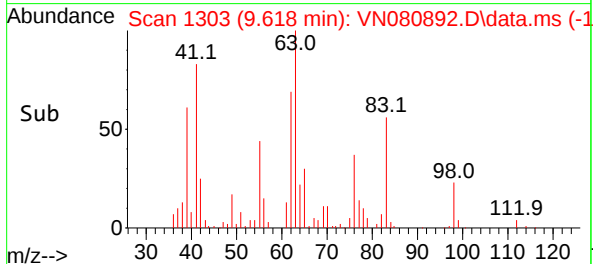
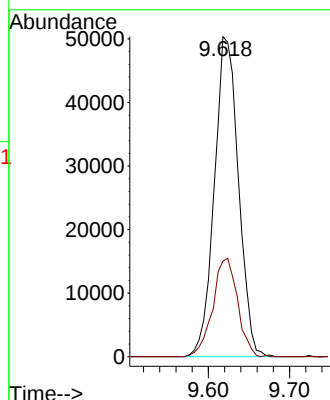
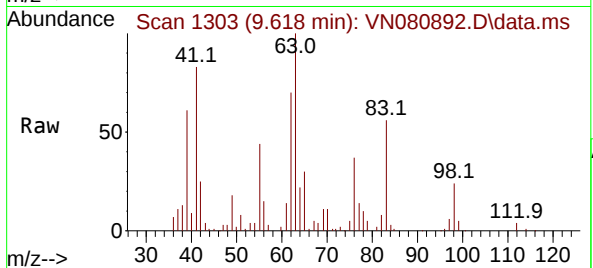
65 29.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#46

Dibromomethane

Concen: 50.673 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

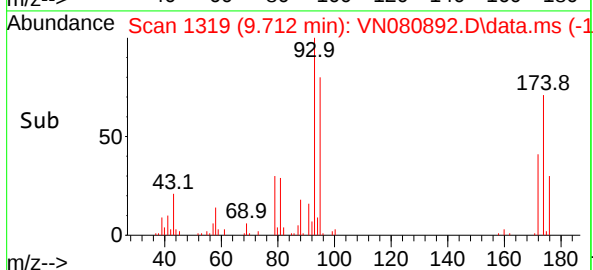
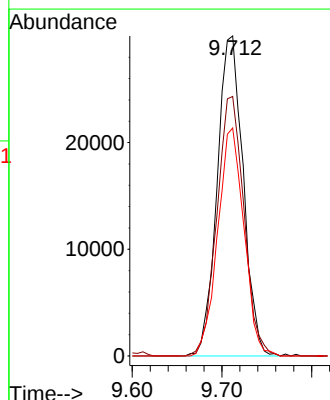
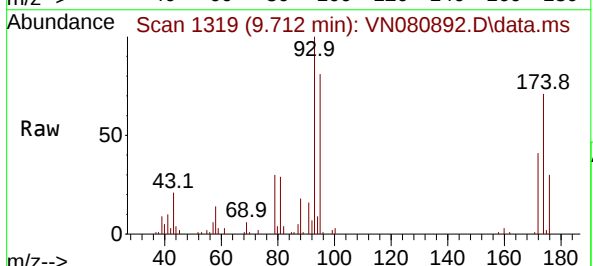
Tgt Ion: 93 Resp: 60239

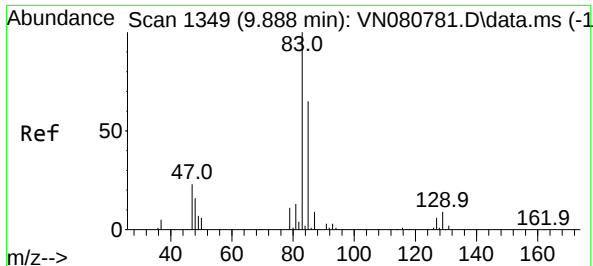
Ion Ratio Lower Upper

93 100

95 84.5 68.1 102.1

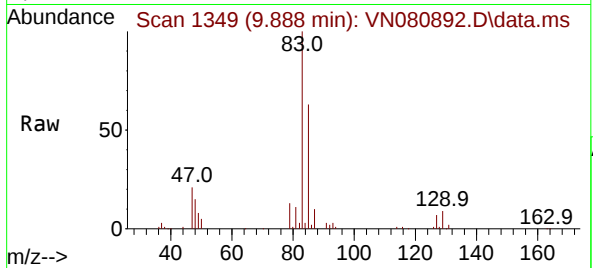
174 72.1 57.2 85.8





#47
Bromodichloromethane
Concen: 50.765 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

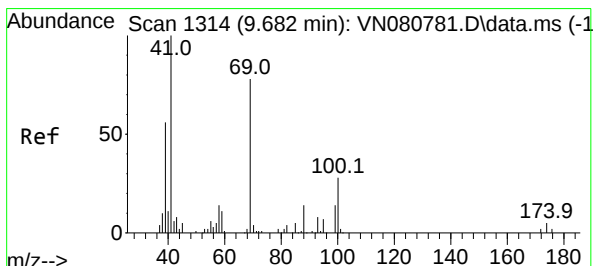
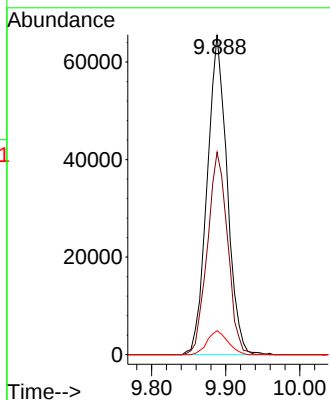
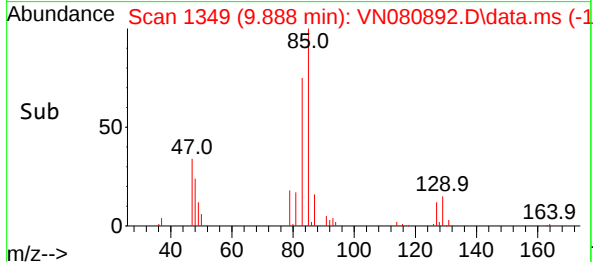
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



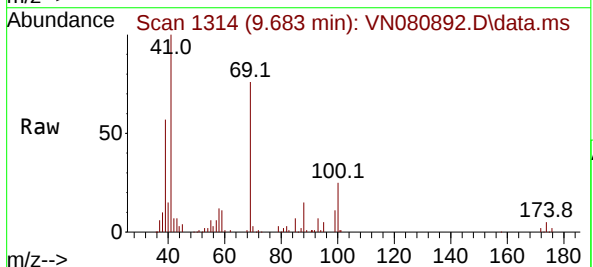
Tgt Ion: 83 Resp: 12252
Ion Ratio Lower Upper
83 100
85 63.3 52.3 78.5
127 7.5 4.6 7.0

Manual Integrations
APPROVED

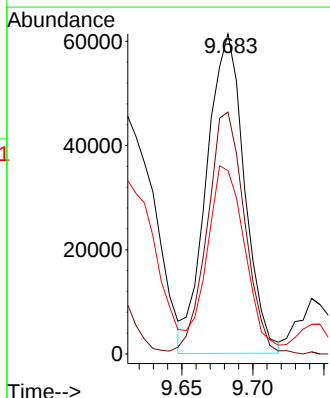
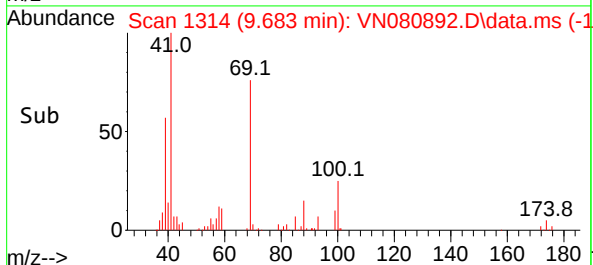
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

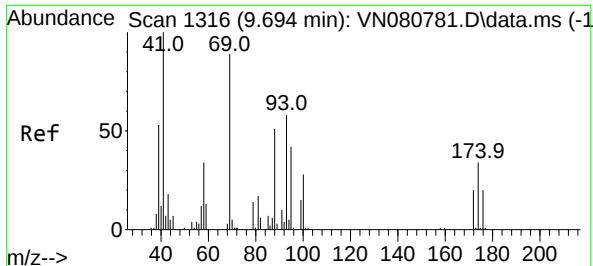


#48
Methyl methacrylate
Concen: 49.726 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07



Tgt Ion: 41 Resp: 113914
Ion Ratio Lower Upper
41 100
69 74.9 62.2 93.2
39 58.4 47.6 71.4





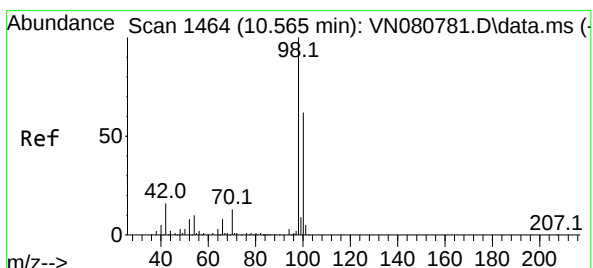
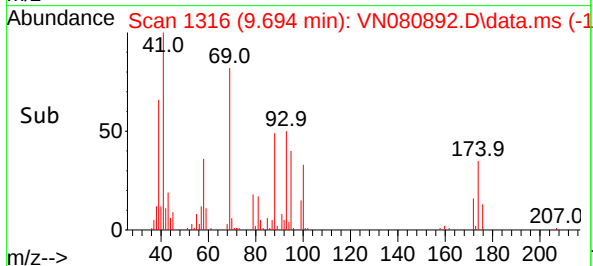
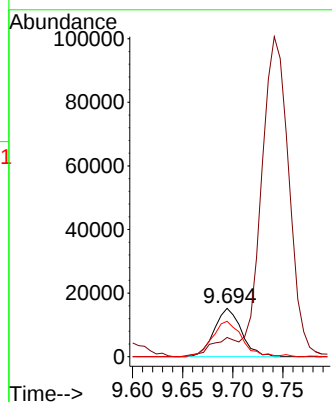
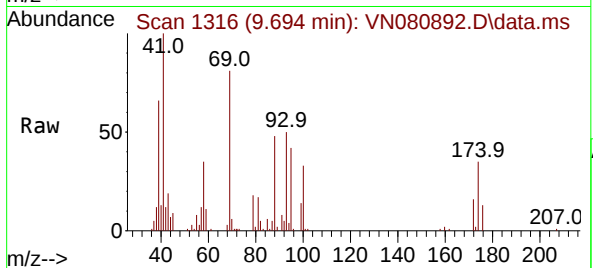
#49
1,4-Dioxane
Concen: 1032.138 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2848
Ion Ratio Lower Upper
88 100
43 39.6 30.1 45.1
58 81.3 63.9 95.9

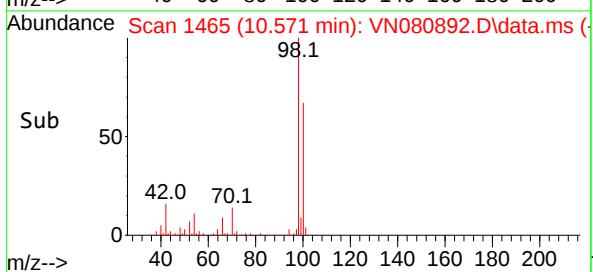
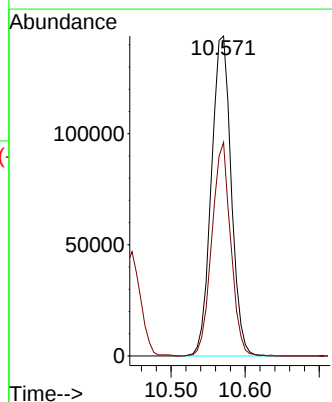
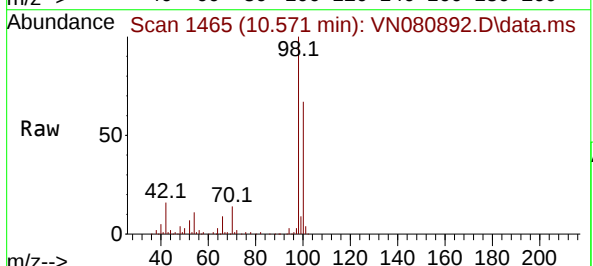
Manual Integrations
APPROVED

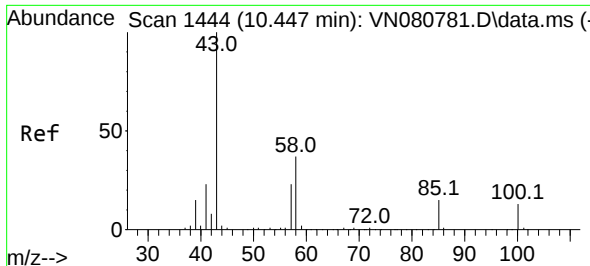
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#50
Toluene-d8
Concen: 50.440 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

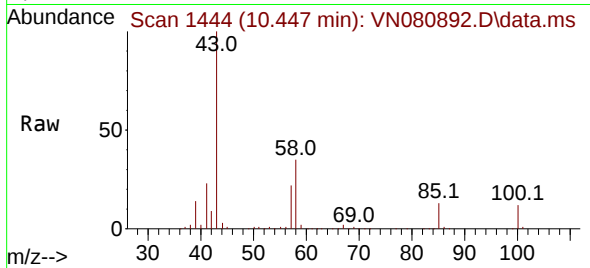
Tgt Ion: 98 Resp: 267794
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 267.349 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

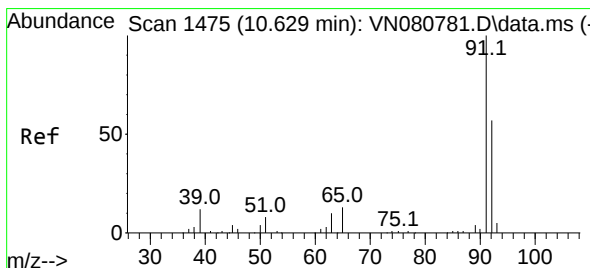
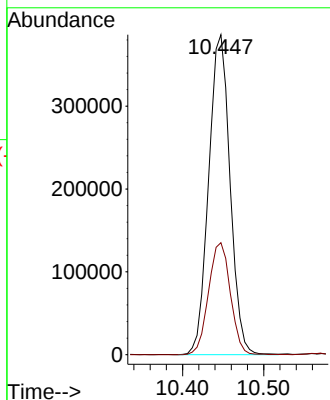
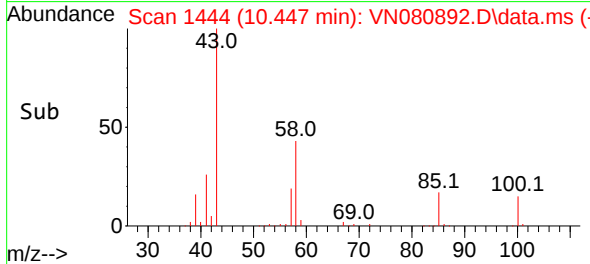
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 706223
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.0

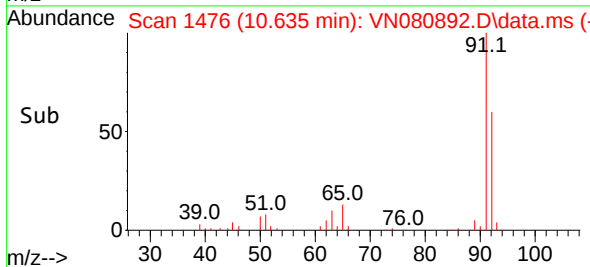
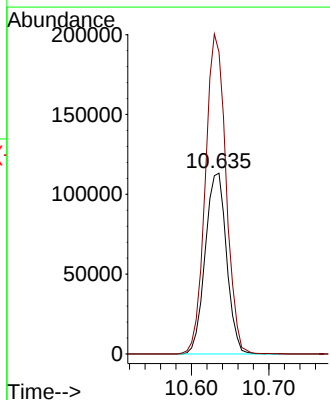
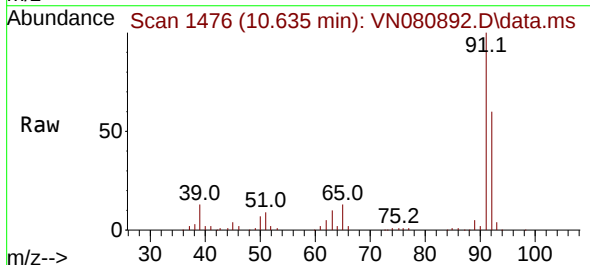
Manual Integrations
APPROVED

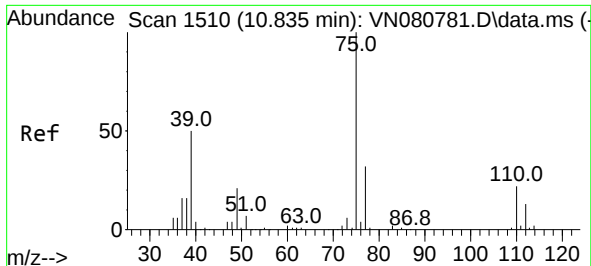
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#52
Toluene
Concen: 50.893 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

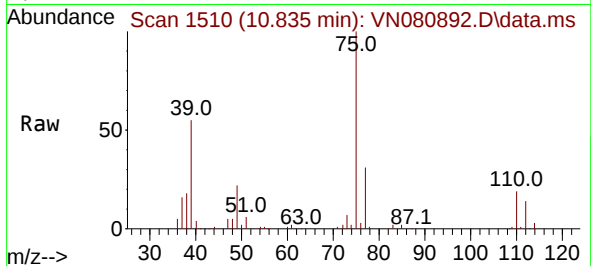
Tgt Ion: 92 Resp: 216231
Ion Ratio Lower Upper
92 100
91 171.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 51.052 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

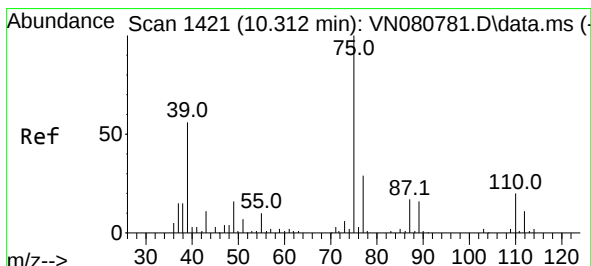
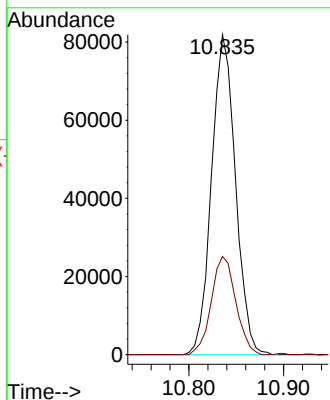
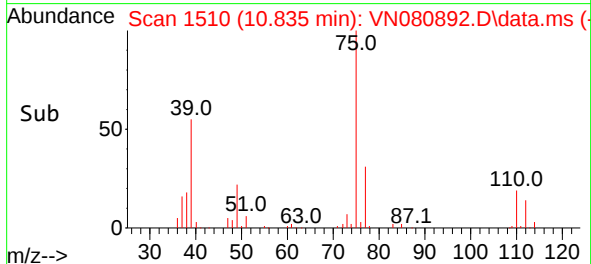
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 14354
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3

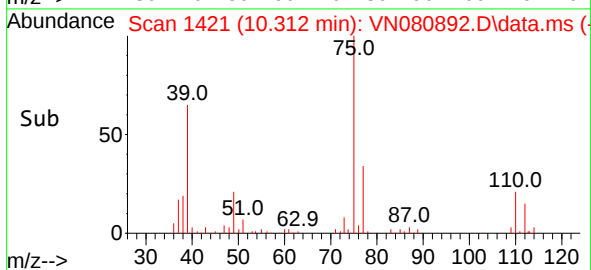
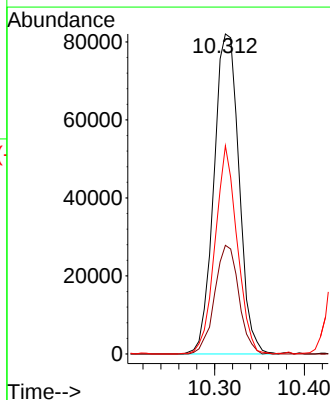
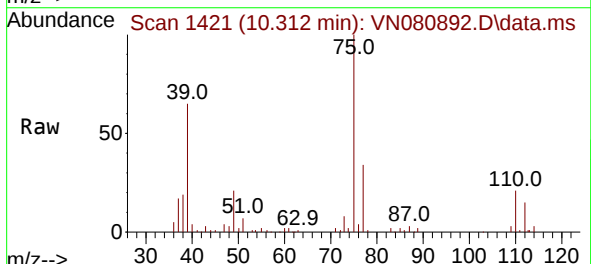
Manual Integrations
APPROVED

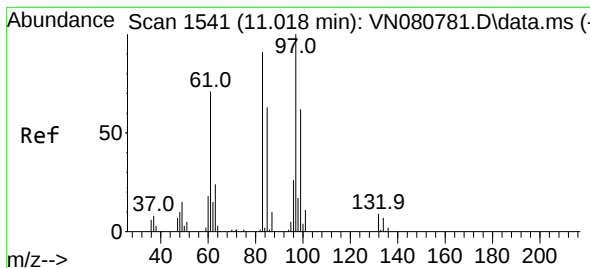
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#54
cis-1,3-Dichloropropene
Concen: 52.145 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

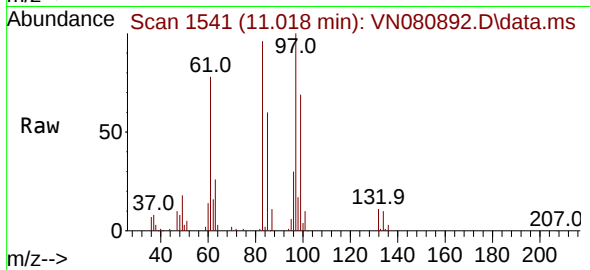
Tgt Ion: 75 Resp: 159433
Ion Ratio Lower Upper
75 100
77 34.0 23.3 34.9
39 64.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 51.816 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

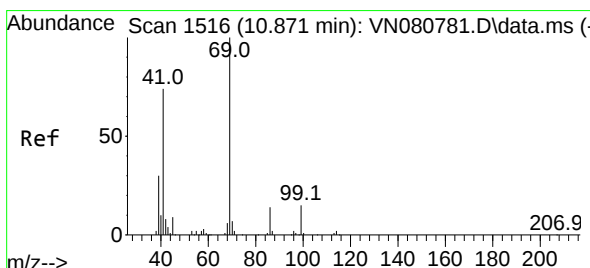
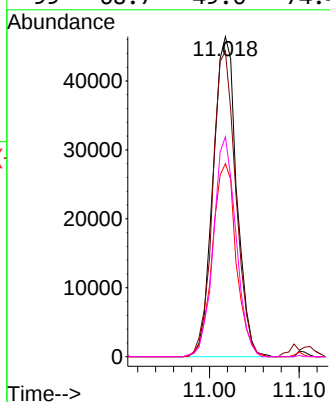
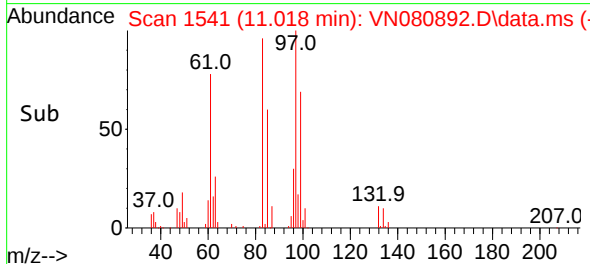
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



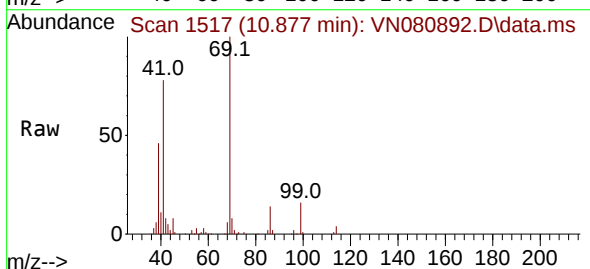
Tgt Ion: 97	Resp: 8460
Ion Ratio	Lower Upper
97 100	
83 95.5	72.9 109.3
85 60.3	50.2 75.2
99 68.7	49.6 74.4

Manual Integrations
APPROVED

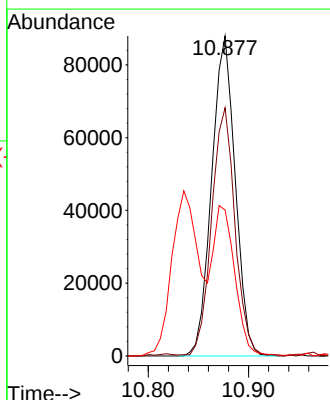
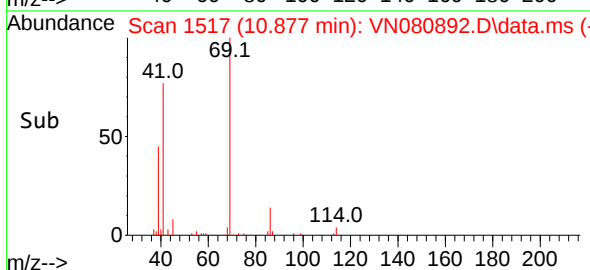
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

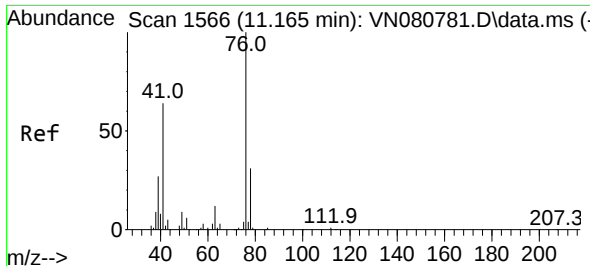


#56
Ethyl methacrylate
Concen: 57.156 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07



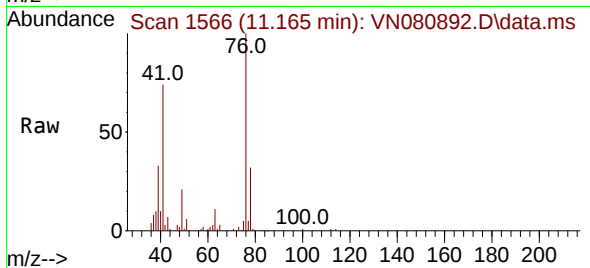
Tgt Ion: 69	Resp: 143468
Ion Ratio	Lower Upper
69 100	
41 77.3	61.0 91.6
39 42.5	31.8 47.6





#57
1,3-Dichloropropane
Concen: 52.937 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

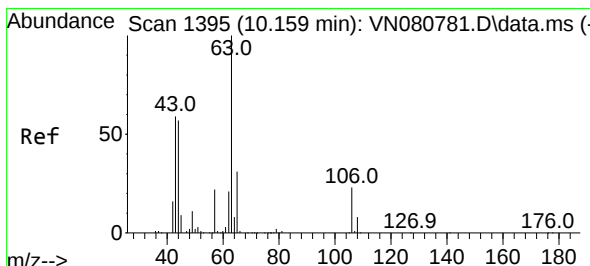
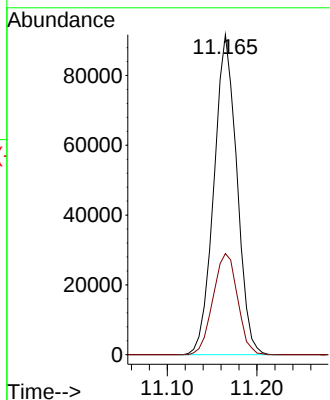
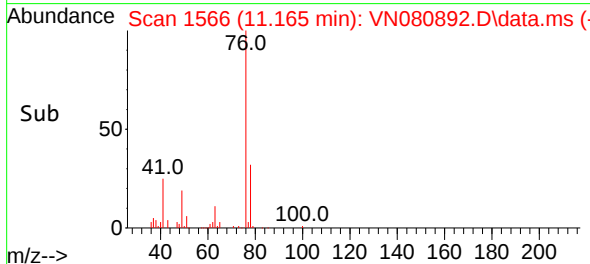
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 162679
Ion Ratio Lower Upper
76 100
78 33.8 25.5 38.3

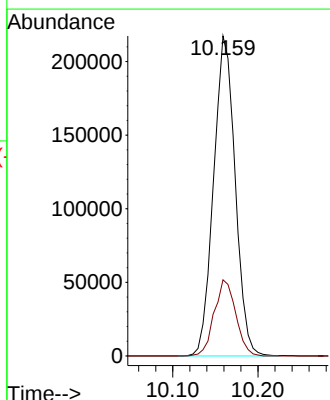
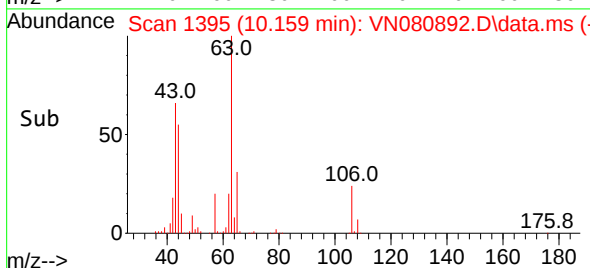
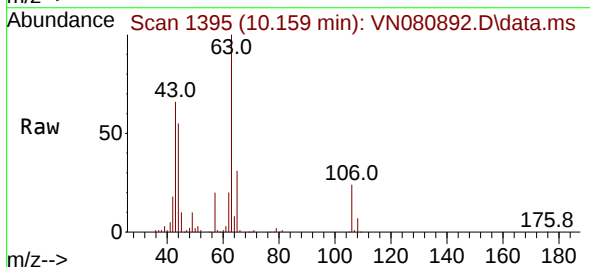
Manual Integrations
APPROVED

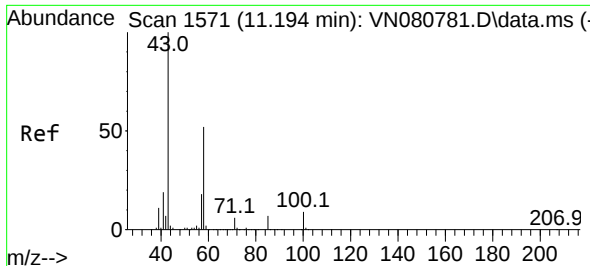
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#58
2-Chloroethyl Vinyl ether
Concen: 261.880 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

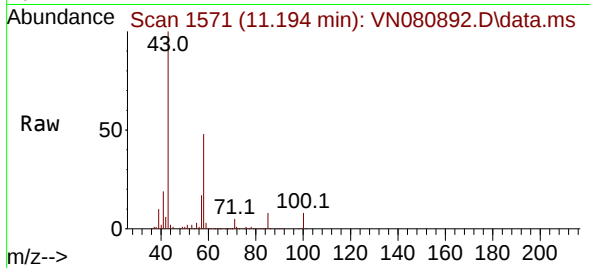
Tgt Ion: 63 Resp: 383206
Ion Ratio Lower Upper
63 100
106 23.7 18.6 28.0





#59
2-Hexanone
Concen: 263.568 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

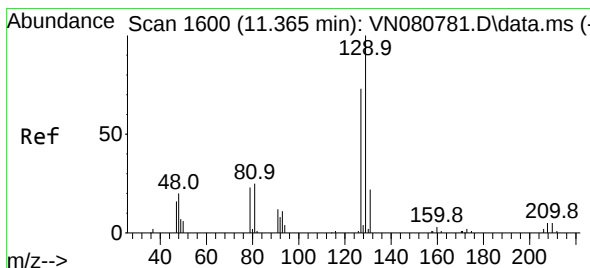
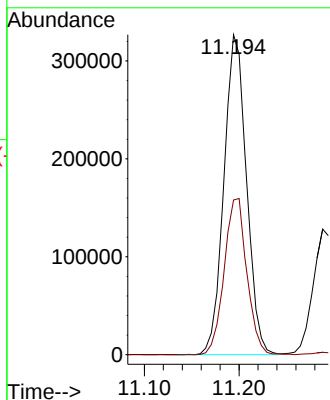
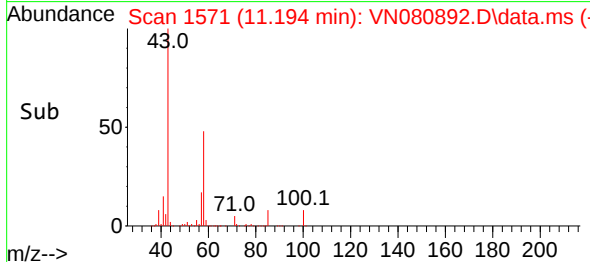
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 540814
Ion Ratio Lower Upper
43 100
58 49.0 25.9 77.8

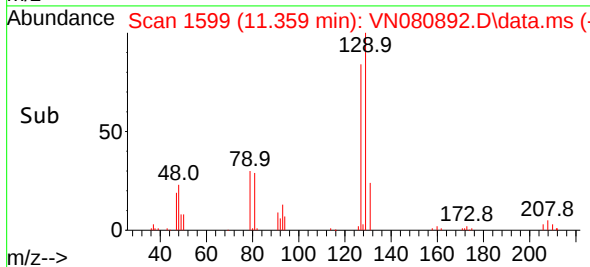
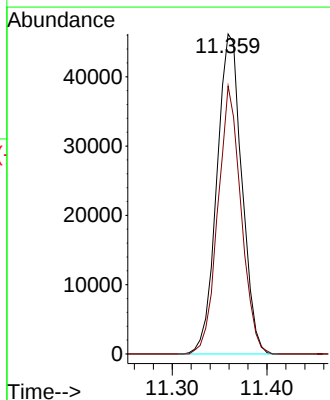
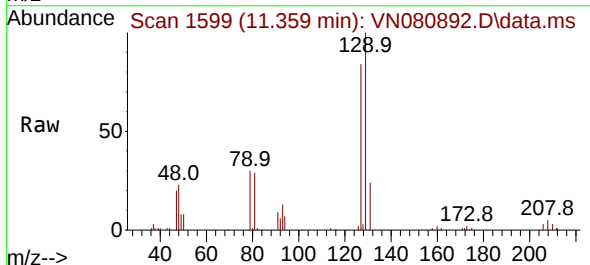
Manual Integrations
APPROVED

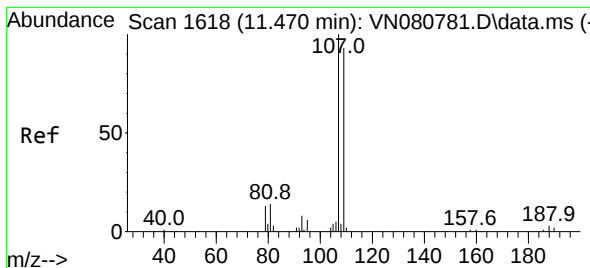
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#60
Dibromochloromethane
Concen: 55.795 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion:129 Resp: 84740
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2





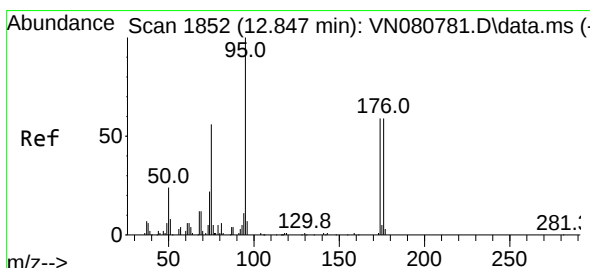
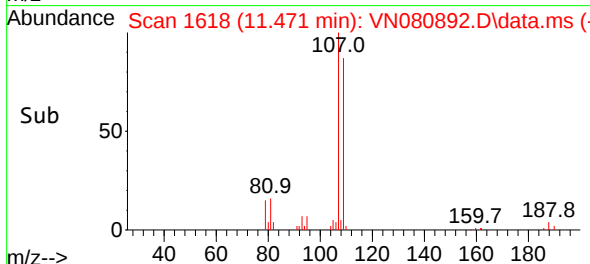
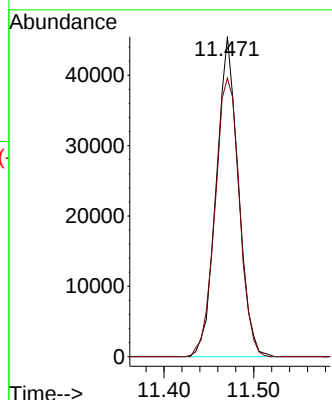
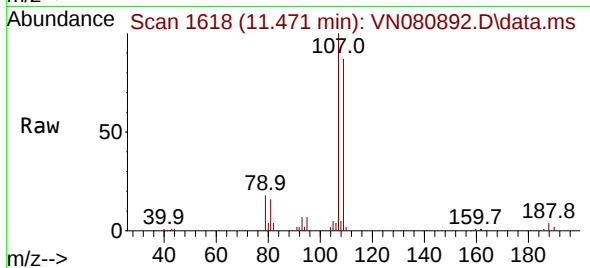
#61
1,2-Dibromoethane
Concen: 50.685 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 77562
Ion Ratio Lower Upper
107 100
109 96.3 73.4 110.2

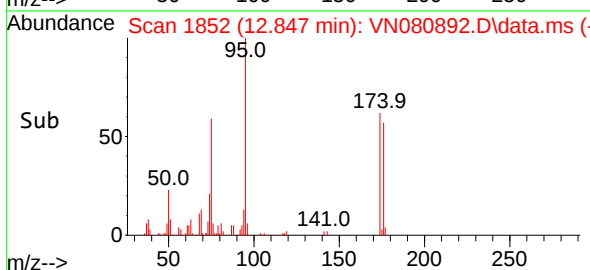
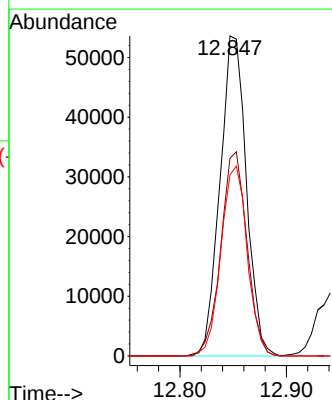
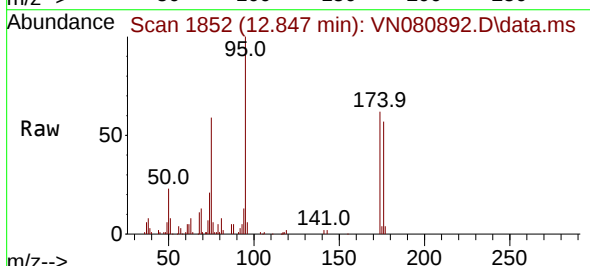
Manual Integrations
APPROVED

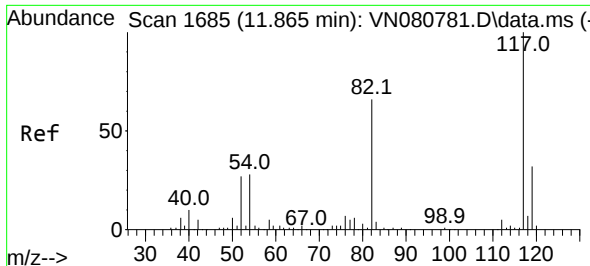
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#62
4-Bromofluorobenzene
Concen: 49.864 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

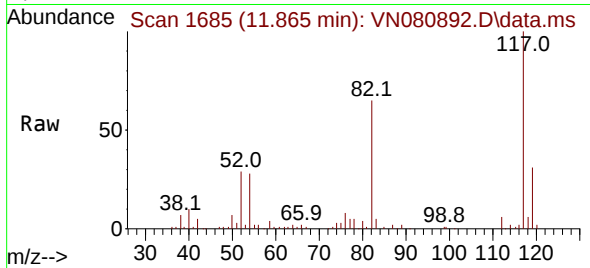
Tgt Ion: 95 Resp: 92254
Ion Ratio Lower Upper
95 100
174 63.3 0.0 120.4
176 59.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

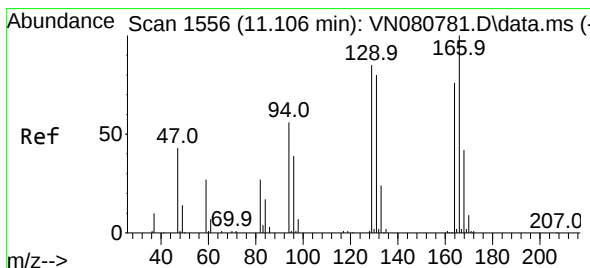
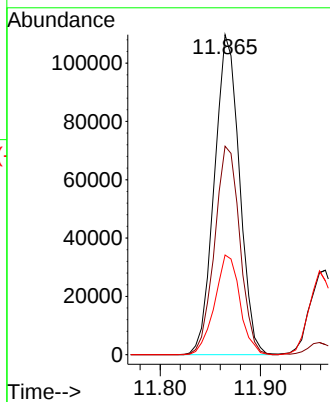
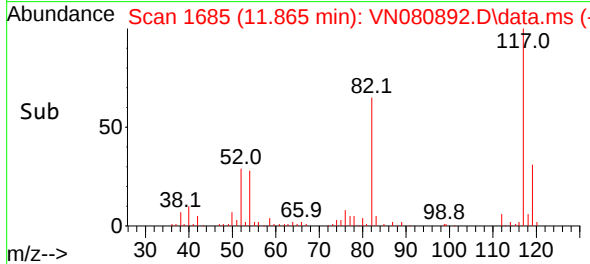
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 19045
Ion Ratio Lower Upper
117 100
82 65.1 52.7 79.1
119 31.1 25.3 37.9

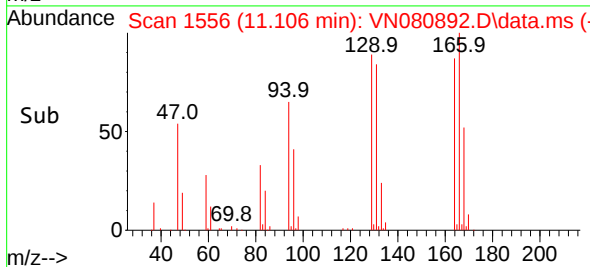
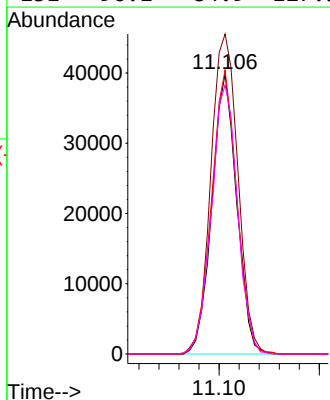
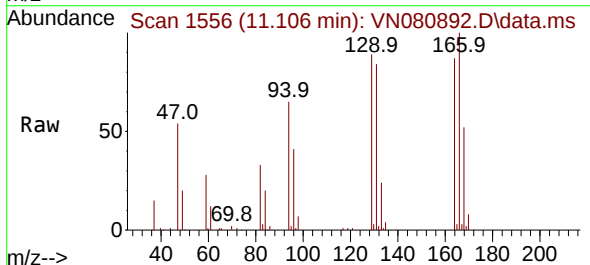
Manual Integrations
APPROVED

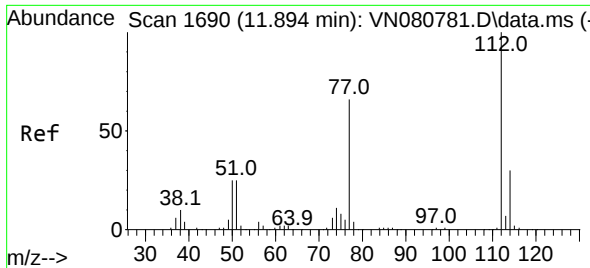
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#64
Tetrachloroethene
Concen: 54.477 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

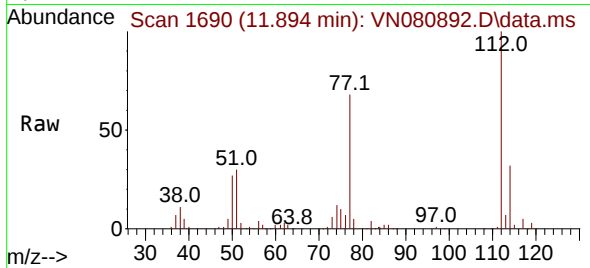
Tgt Ion:164 Resp: 68195
Ion Ratio Lower Upper
164 100
166 114.4 105.8 158.6
129 101.5 89.6 134.4
131 96.1 84.9 127.3





#65
Chlorobenzene
Concen: 49.840 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

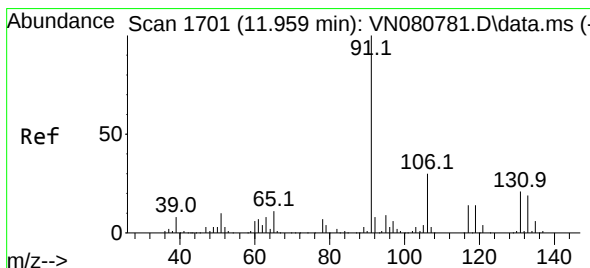
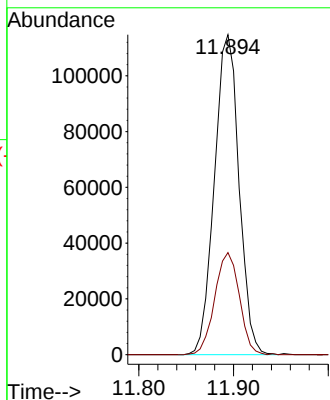
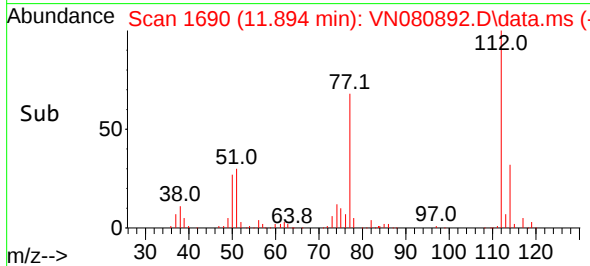
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 207160
Ion Ratio Lower Upper
112 100
114 31.9 23.7 35.5

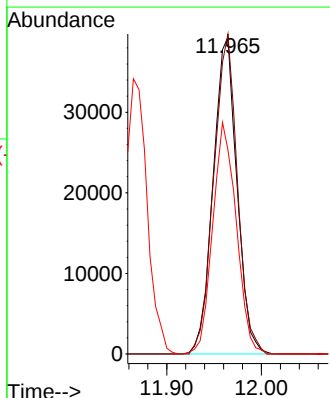
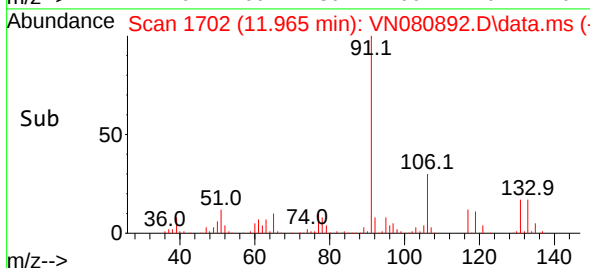
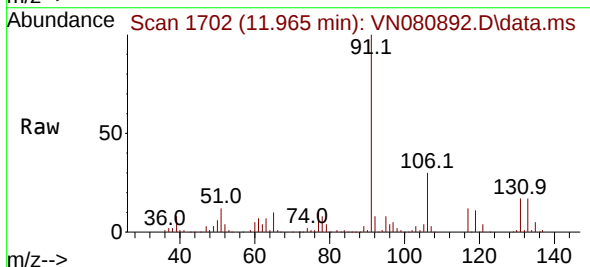
Manual Integrations
APPROVED

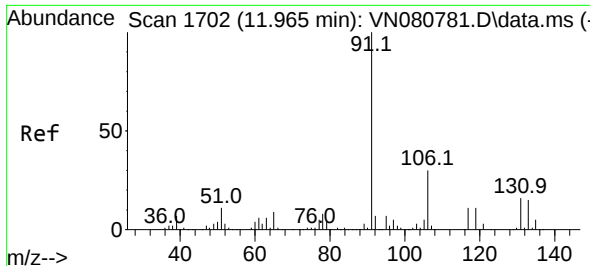
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.794 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion:131 Resp: 68656
Ion Ratio Lower Upper
131 100
133 100.1 46.8 140.3
119 72.3 34.6 103.9





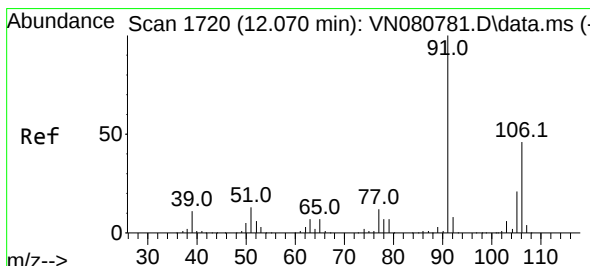
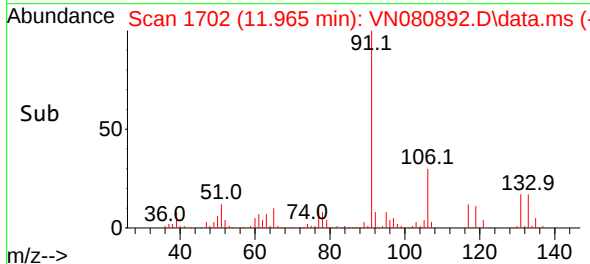
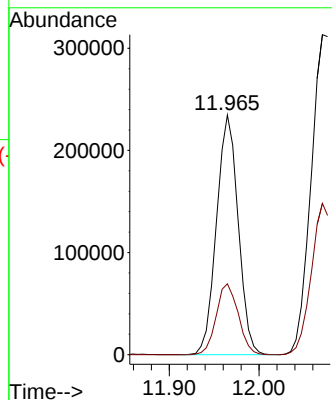
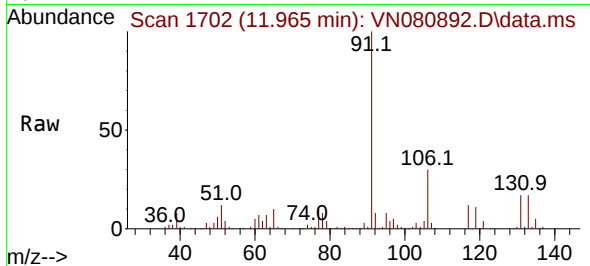
#67
Ethyl Benzene
Concen: 50.949 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 393609
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6

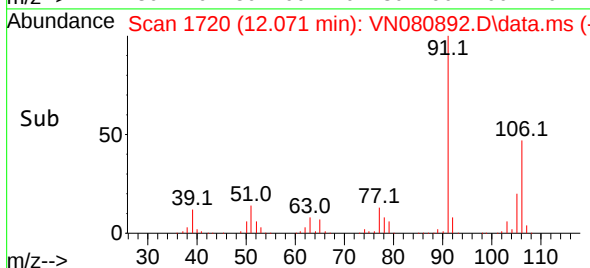
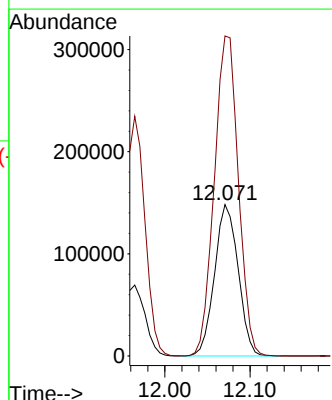
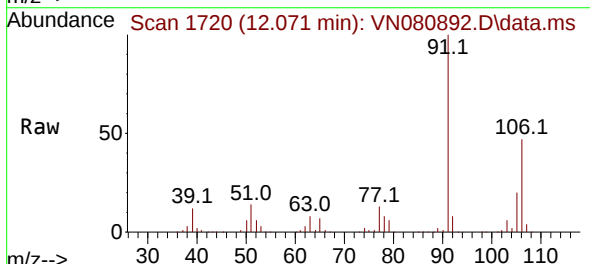
Manual Integrations
APPROVED

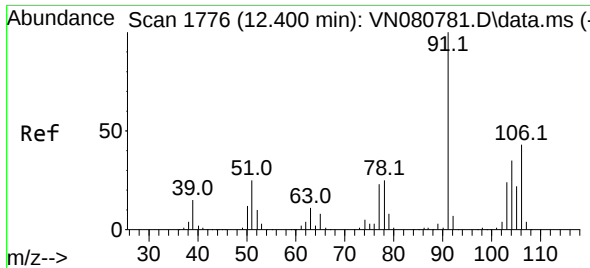
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#68
m/p-Xylenes
Concen: 103.891 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion:106 Resp: 285034
Ion Ratio Lower Upper
106 100
91 215.8 169.0 253.6





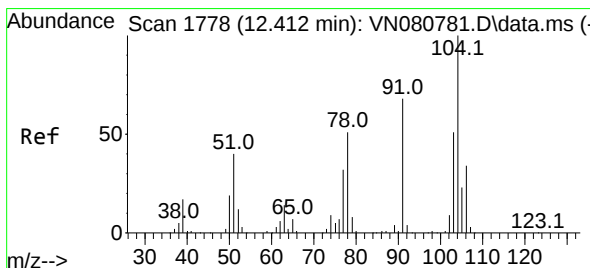
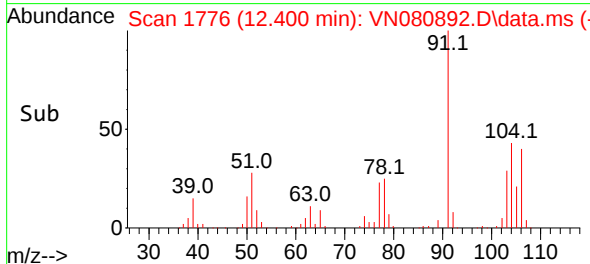
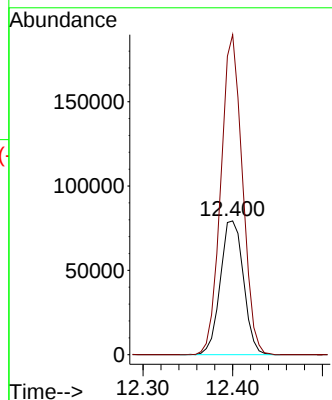
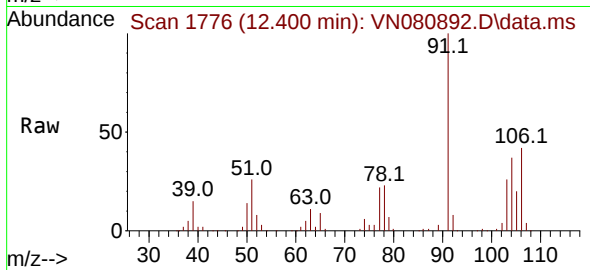
#69
o-Xylene
Concen: 52.169 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 142224
Ion Ratio Lower Upper
106 100
91 222.7 112.1 336.3

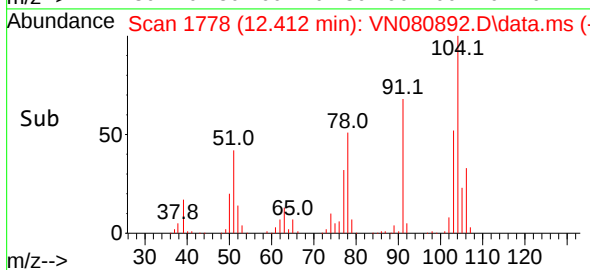
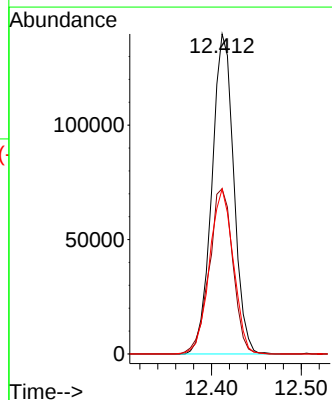
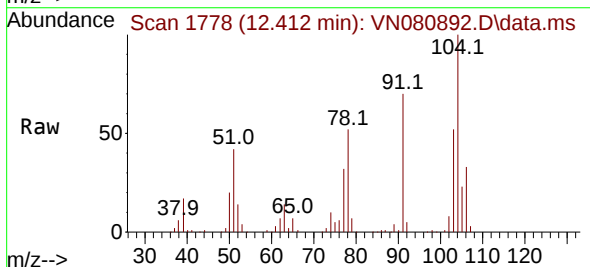
Manual Integrations
APPROVED

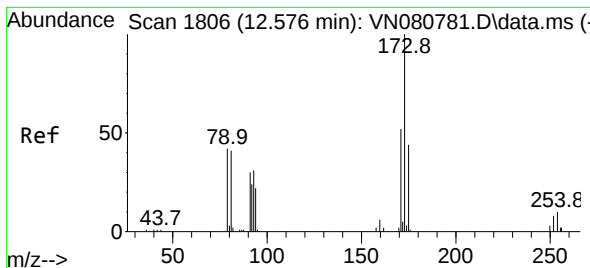
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#70
Styrene
Concen: 54.147 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion:104 Resp: 237070
Ion Ratio Lower Upper
104 100
78 55.8 43.8 65.8
103 56.0 44.2 66.2





#71

Bromoform

Concen: 49.693 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

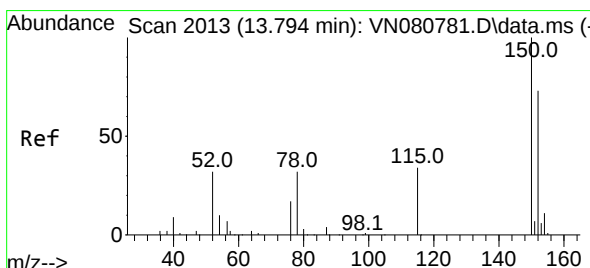
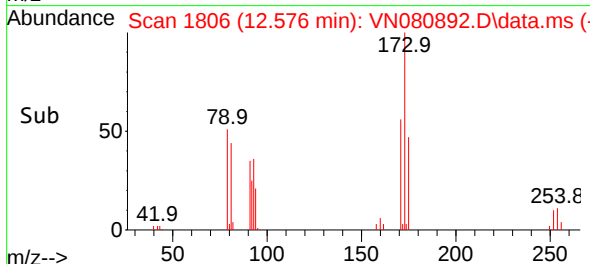
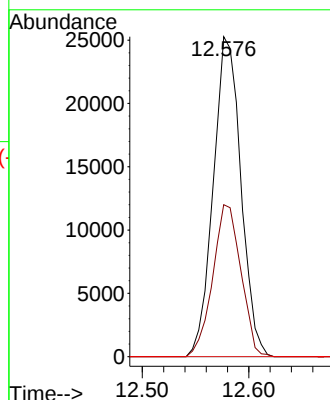
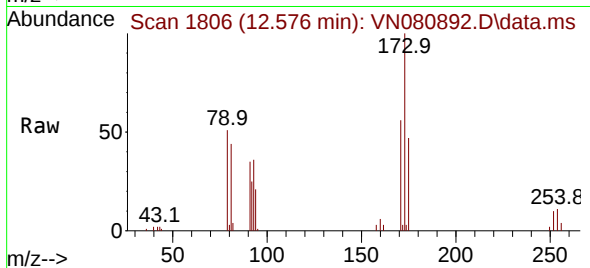
Tgt Ion:173 Resp: 45410
 Ion Ratio Lower Upper
 173 100
 175 48.5 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

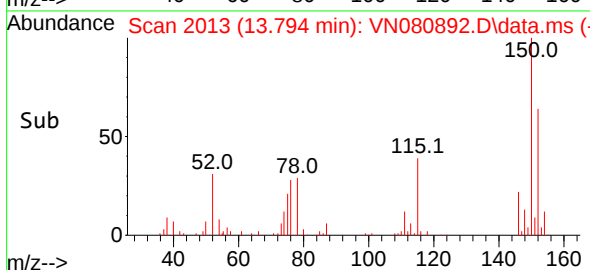
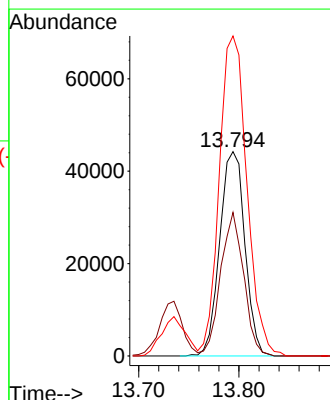
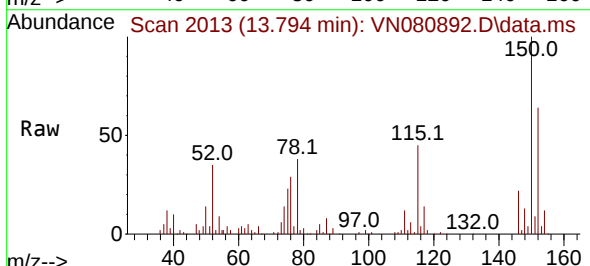
RT: 13.794 min Scan# 2013

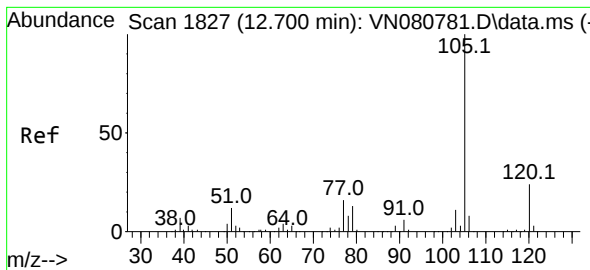
Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion:152 Resp: 76837
 Ion Ratio Lower Upper
 152 100
 115 64.5 32.3 96.8
 150 171.9 0.0 339.8





#73

Isopropylbenzene

Concen: 50.518 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 35546

Ion Ratio Lower Upper

105 100

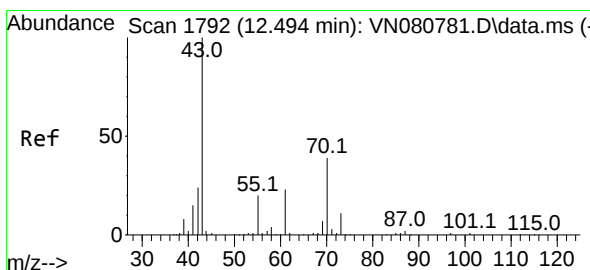
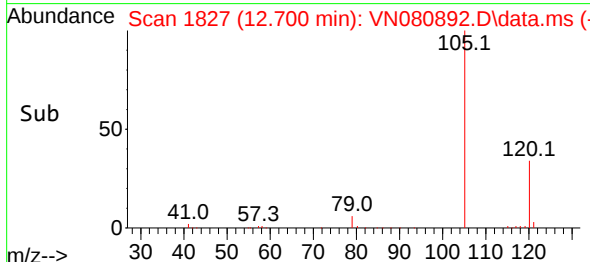
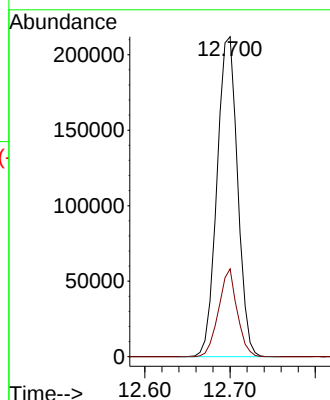
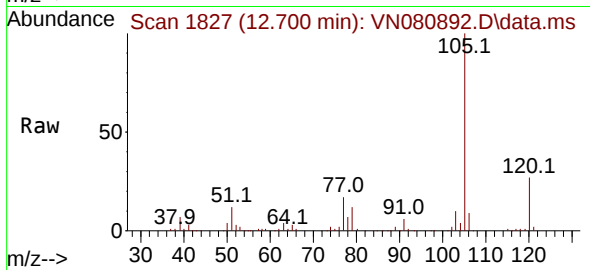
120 24.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#74

N-ethyl acetate

Concen: 48.194 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion: 43 Resp: 210543

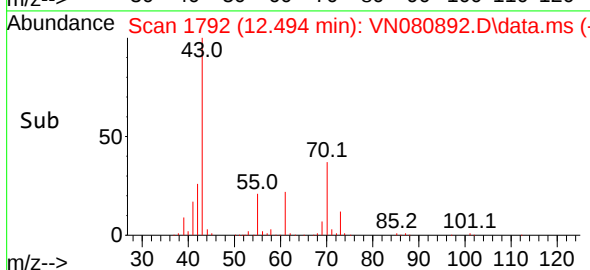
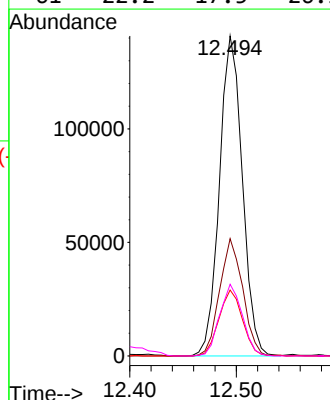
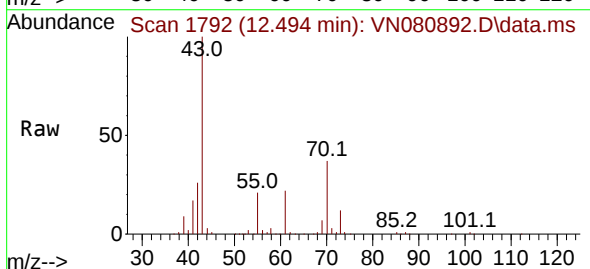
Ion Ratio Lower Upper

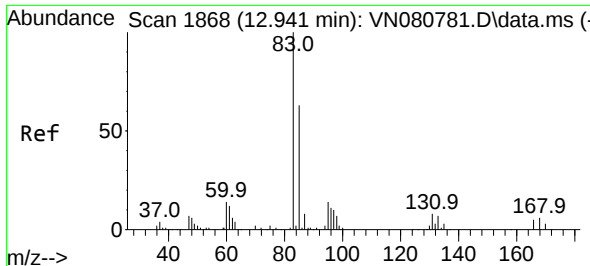
43 100

70 37.1 30.1 45.1

55 21.3 17.0 25.4

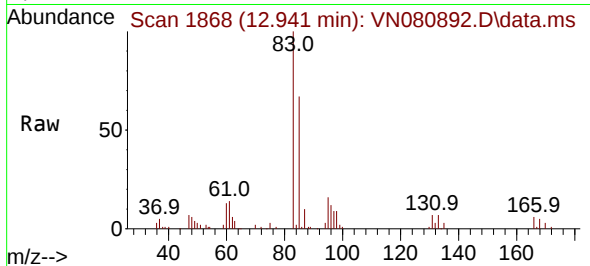
61 22.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 48.029 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

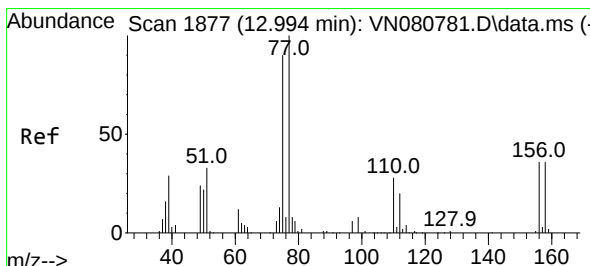
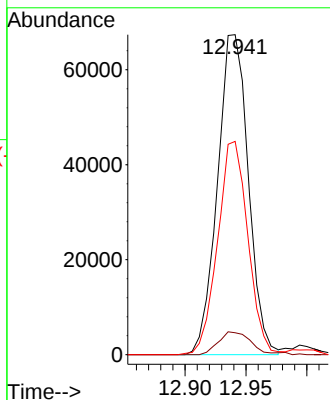
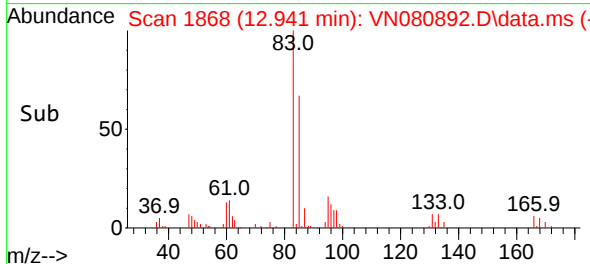
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11887
Ion Ratio Lower Upper
83 100
131 7.7 4.1 12.3
85 65.4 32.1 96.3

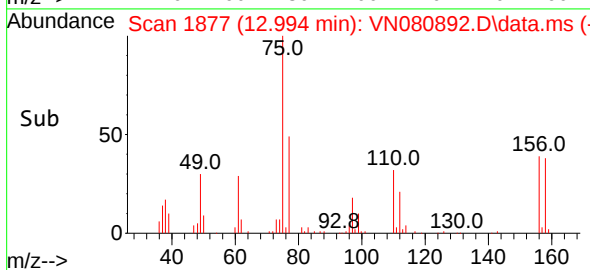
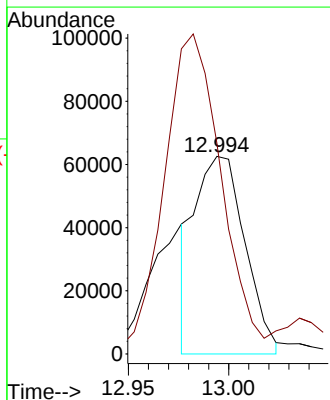
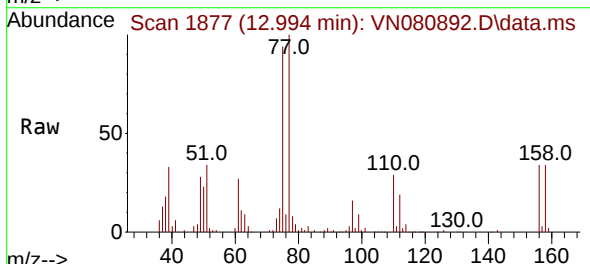
Manual Integrations
APPROVED

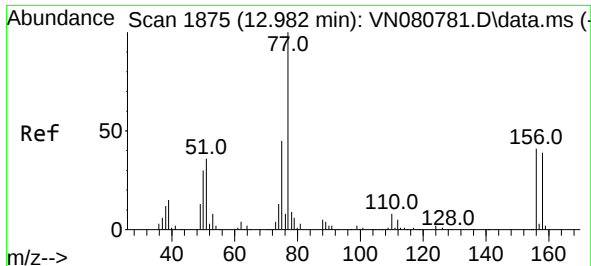
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#76
1,2,3-Trichloropropane
Concen: 46.605 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

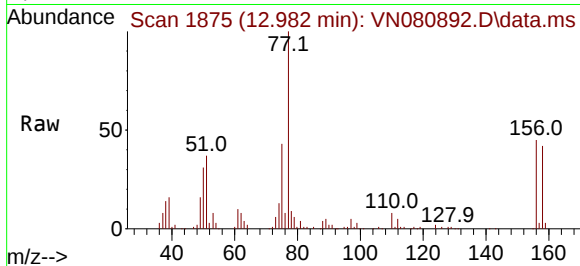
Tgt Ion: 75 Resp: 108002
Ion Ratio Lower Upper
75 100
77 186.1 91.0 272.8





#77
Bromobenzene
Concen: 48.801 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

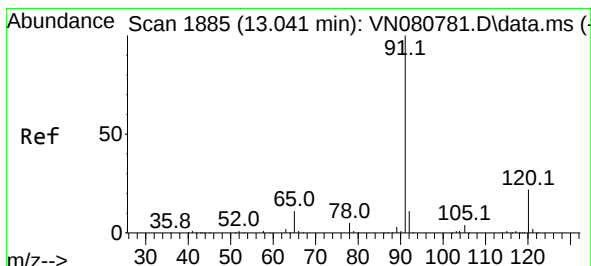
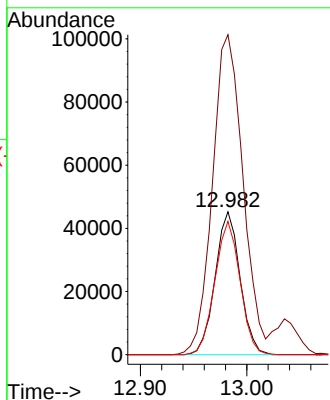
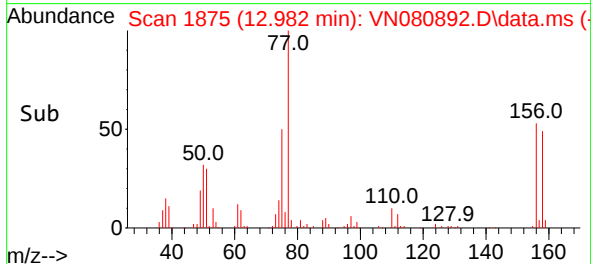
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



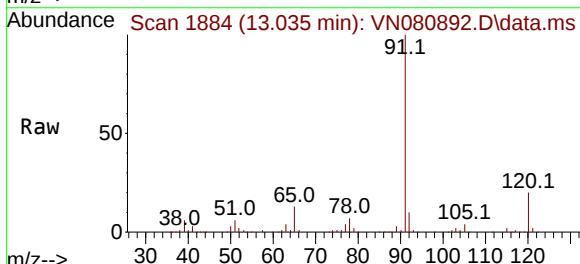
Tgt Ion:156 Resp: 7340
Ion Ratio Lower Upper
156 100
77 273.8 138.1 414.3
158 94.4 46.5 139.5

Manual Integrations
APPROVED

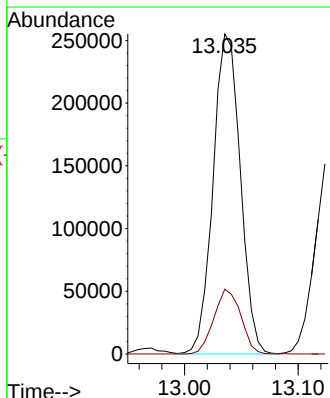
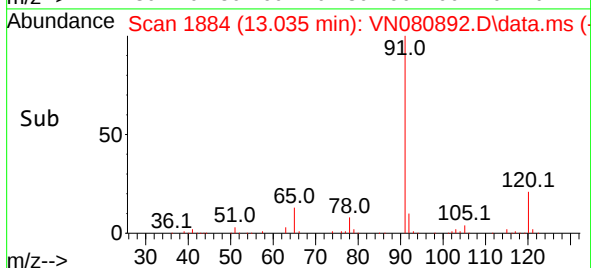
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

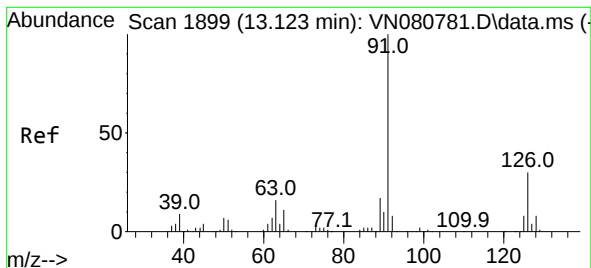


#78
n-propylbenzene
Concen: 50.633 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07



Tgt Ion: 91 Resp: 425626
Ion Ratio Lower Upper
91 100
120 19.9 10.3 30.9





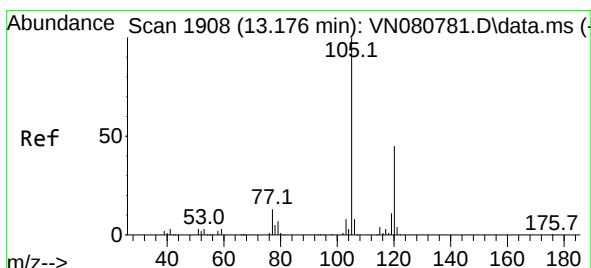
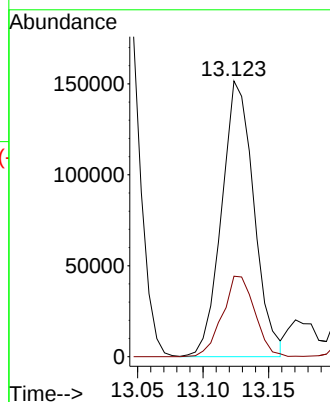
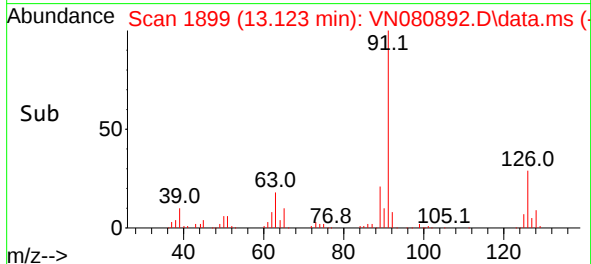
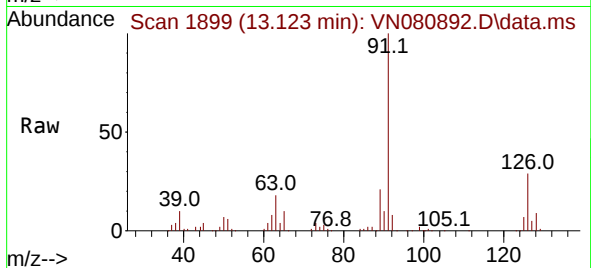
#79
2-Chlorotoluene
Concen: 48.662 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 259992
Ion Ratio Lower Upper
91 100
126 29.2 14.8 44.4

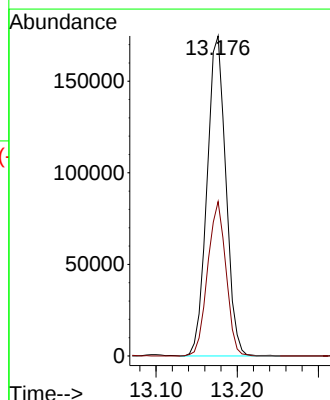
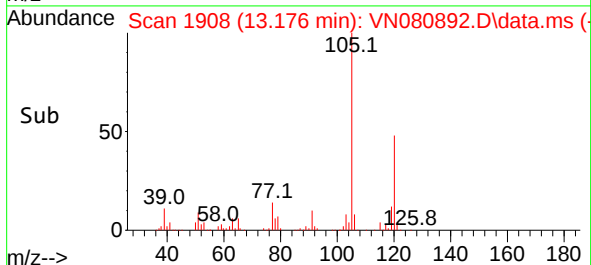
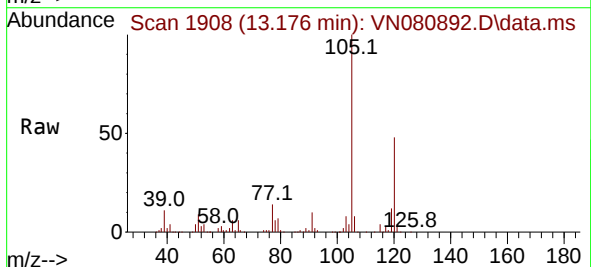
Manual Integrations
APPROVED

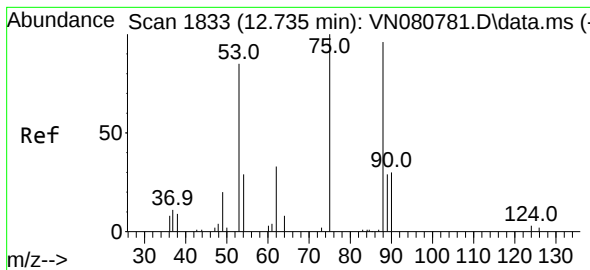
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.154 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

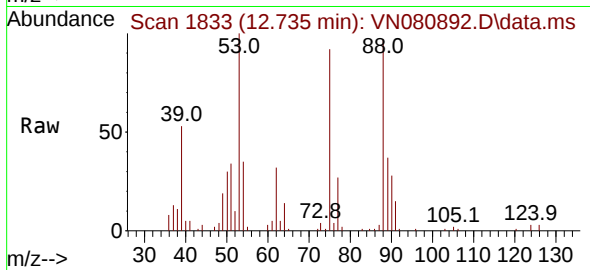
Tgt Ion:105 Resp: 281051
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.687 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

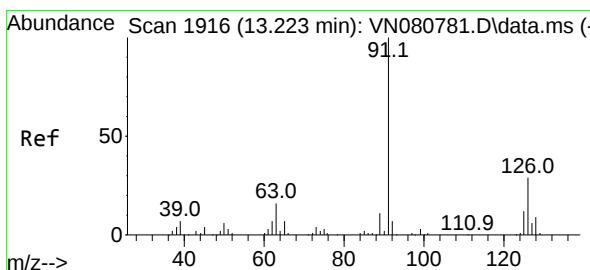
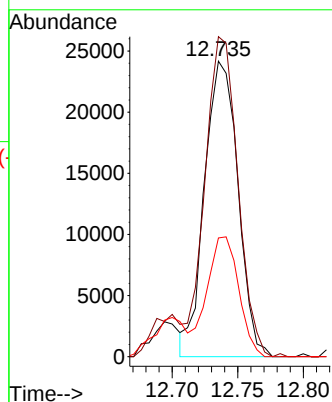
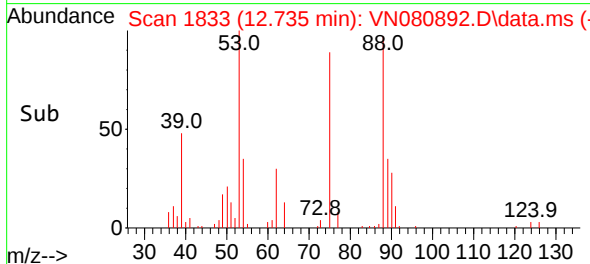
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



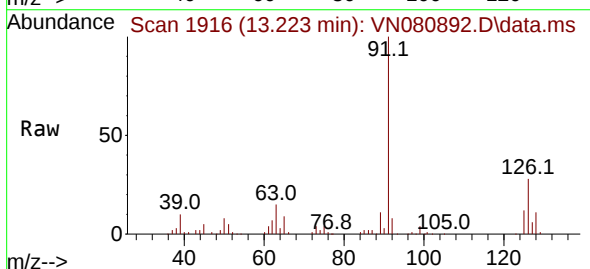
Tgt Ion: 75 Resp: 4289
Ion Ratio Lower Upper
75 100
53 107.1 71.4 107.2
89 38.8 33.4 50.0

Manual Integrations
APPROVED

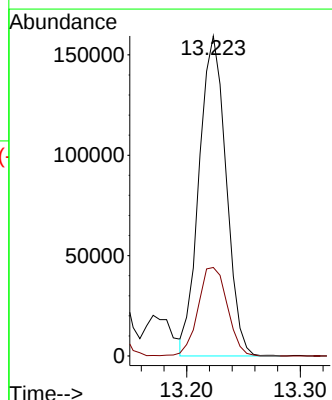
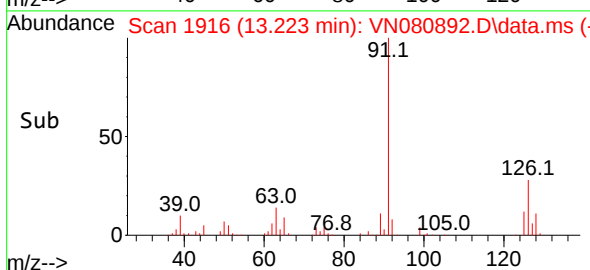
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

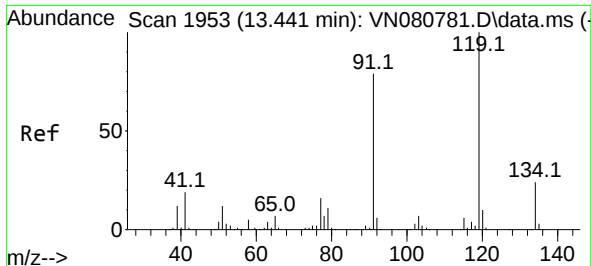


#82
4-Chlorotoluene
Concen: 49.730 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07



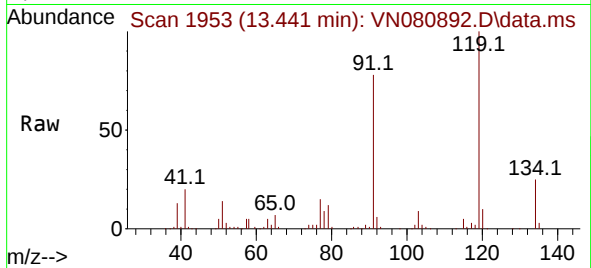
Tgt Ion: 91 Resp: 263086
Ion Ratio Lower Upper
91 100
126 29.9 15.3 45.9





#83
tert-Butylbenzene
Concen: 48.843 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

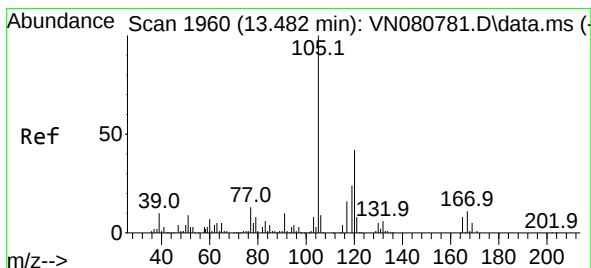
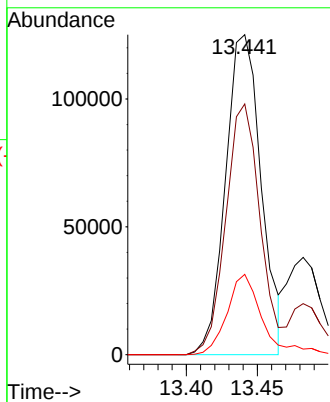
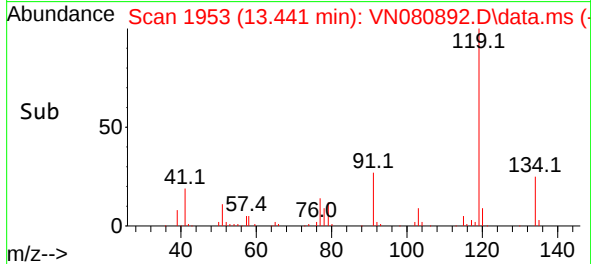
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



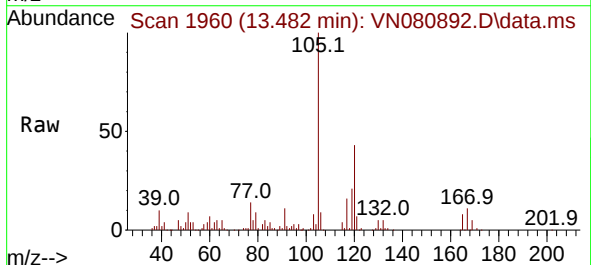
Tgt Ion:119 Resp: 218574
Ion Ratio Lower Upper
119 100
91 76.5 36.8 110.4
134 24.8 12.4 37.4

Manual Integrations
APPROVED

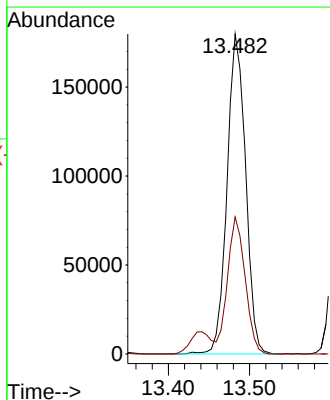
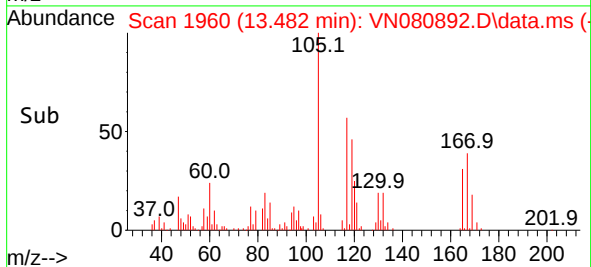
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

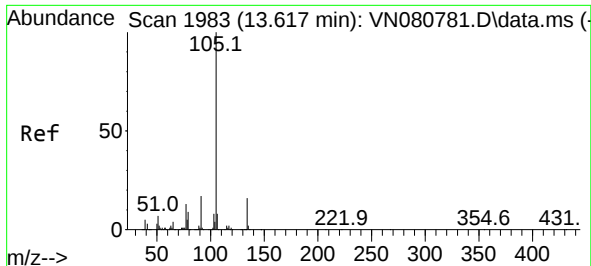


#84
1,2,4-Trimethylbenzene
Concen: 50.218 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07



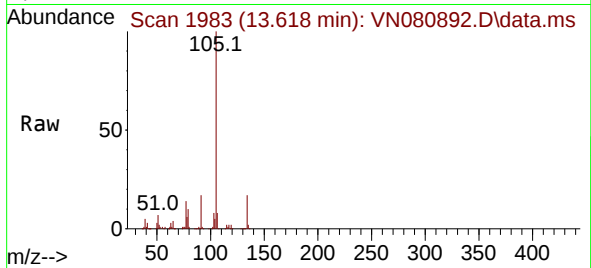
Tgt Ion:105 Resp: 285122
Ion Ratio Lower Upper
105 100
120 40.7 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 49.900 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080892.D
 Acq: 05 Feb 2024 13:07

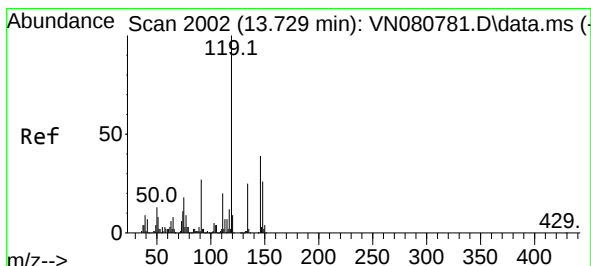
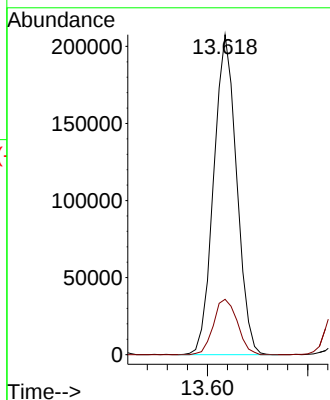
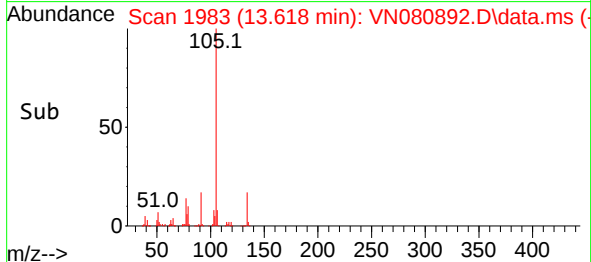
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



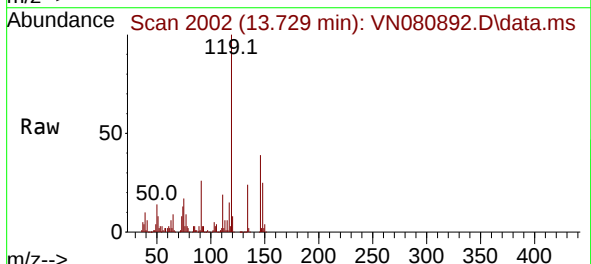
Tgt Ion:105 Resp: 32921
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.6 25.8

Manual Integrations
 APPROVED

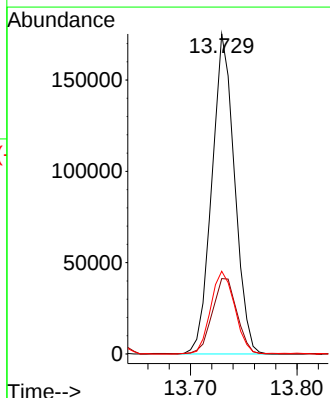
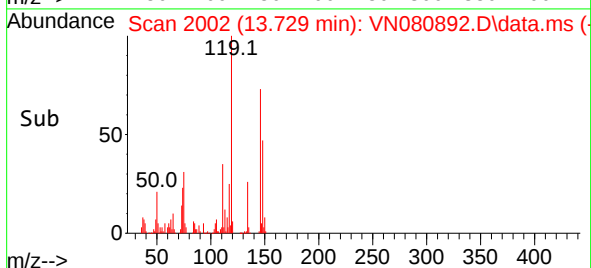
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024

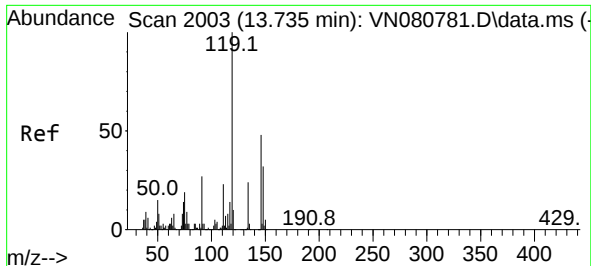


#86
 p-Isopropyltoluene
 Concen: 50.580 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080892.D
 Acq: 05 Feb 2024 13:07



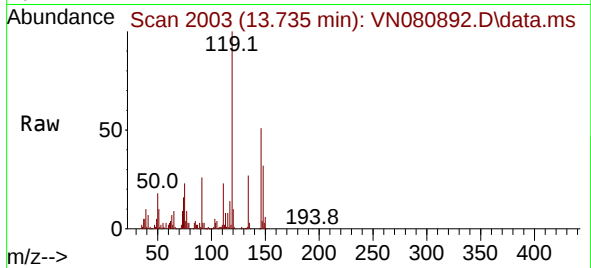
Tgt Ion:119 Resp: 259325
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.2
 91 27.3 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 47.672 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

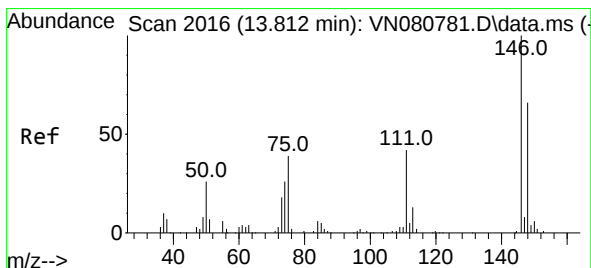
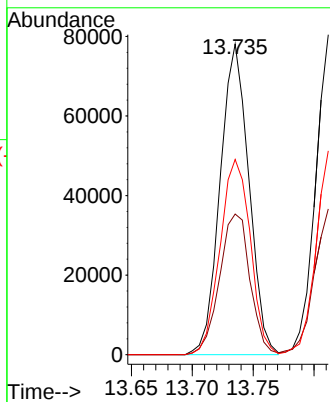
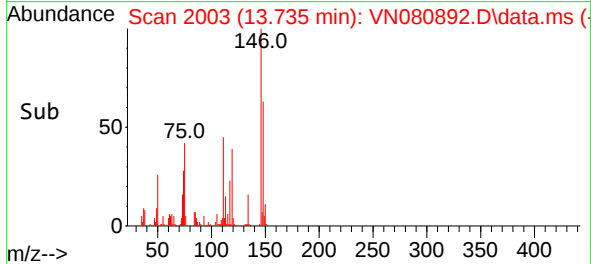
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



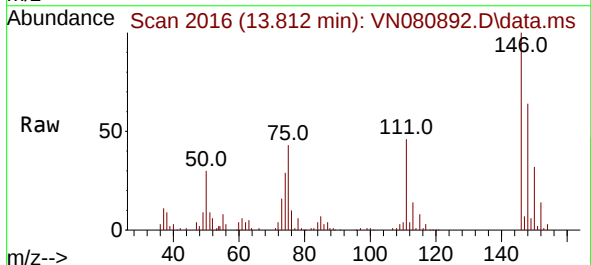
Tgt Ion:146 Resp: 128258
Ion Ratio Lower Upper
146 100
111 48.0 23.9 71.7
148 66.3 32.6 97.7

Manual Integrations
APPROVED

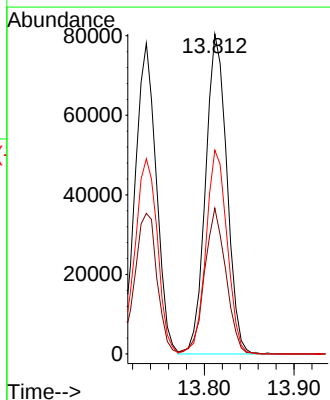
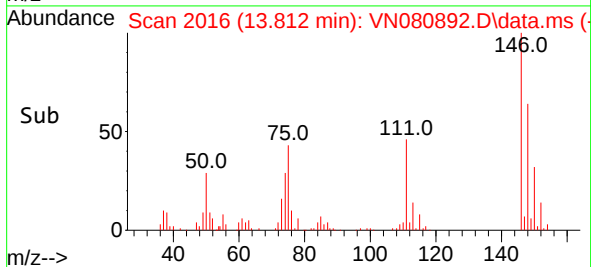
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

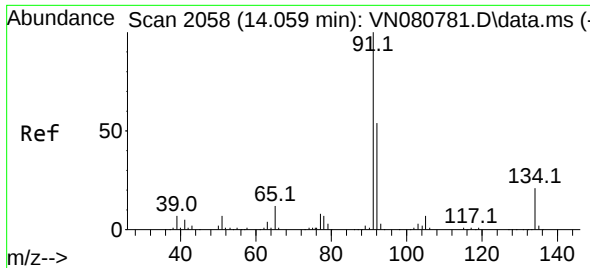


#88
1,4-Dichlorobenzene
Concen: 49.154 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07



Tgt Ion:146 Resp: 132582
Ion Ratio Lower Upper
146 100
111 45.7 22.6 67.7
148 63.5 31.9 95.5





#89
n-Butylbenzene
Concen: 50.787 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

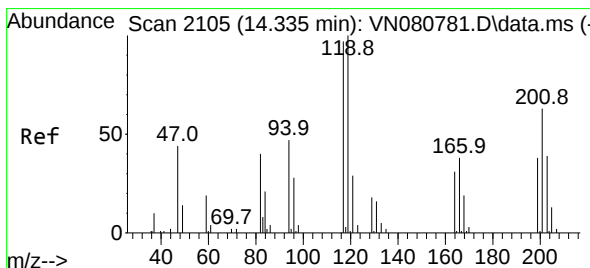
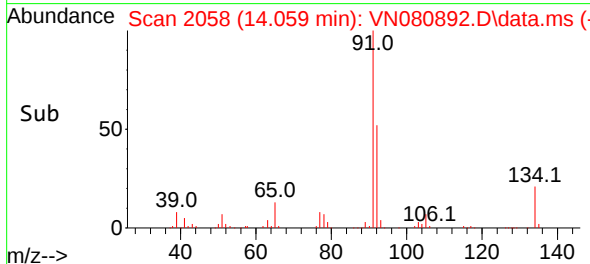
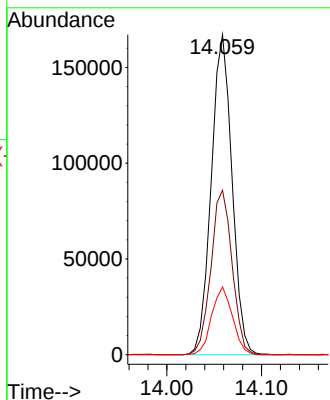
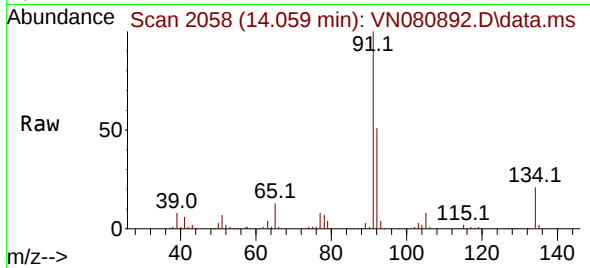
Tgt Ion: 91 Resp: 254808
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 21.3 10.8 32.4

Manual Integrations

APPROVED

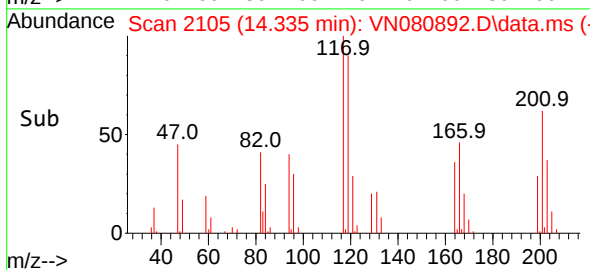
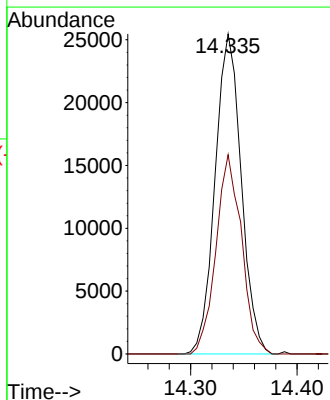
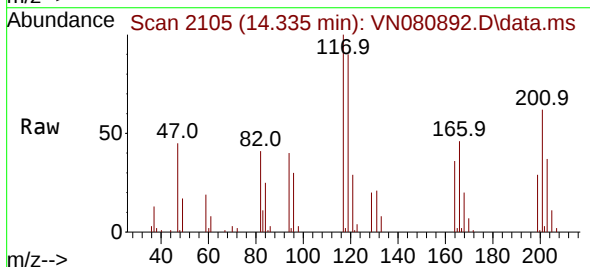
Reviewed By :John Carlone 02/06/2024

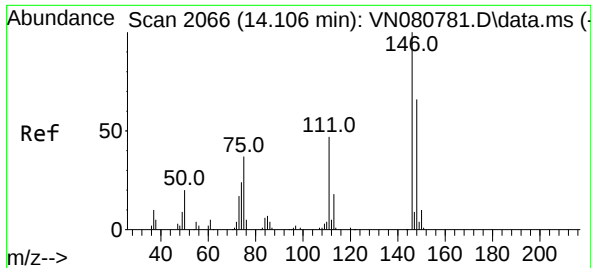
Supervised By :Mahesh Dadoda 02/06/2024



#90
Hexachloroethane
Concen: 48.402 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

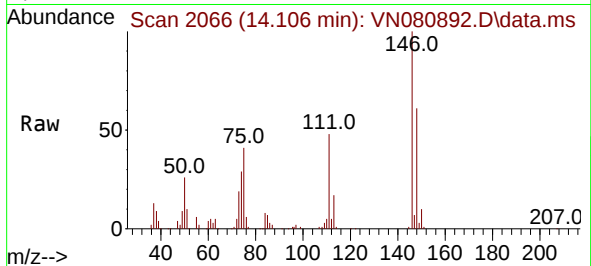
Tgt Ion:117 Resp: 43422
Ion Ratio Lower Upper
117 100
201 60.7 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 51.978 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

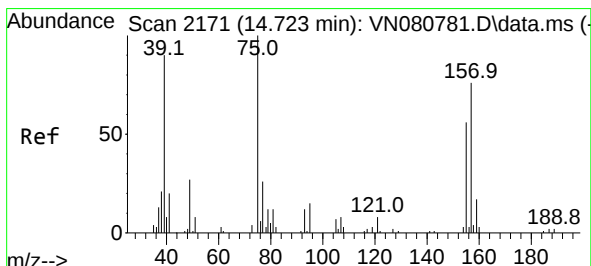
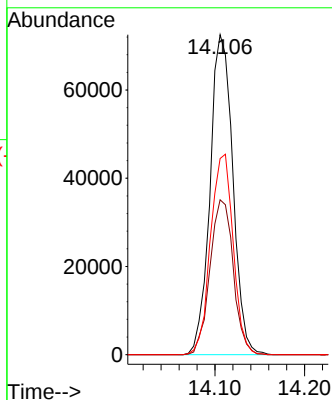
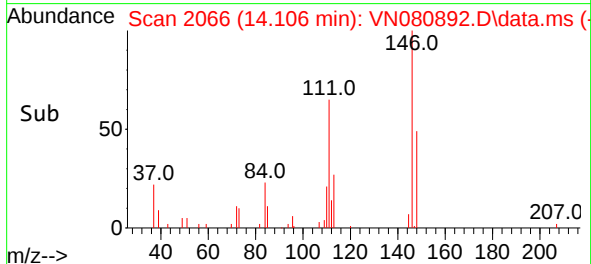
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 127993
Ion Ratio Lower Upper
146 100
111 49.5 23.9 71.8
148 62.3 31.4 94.0

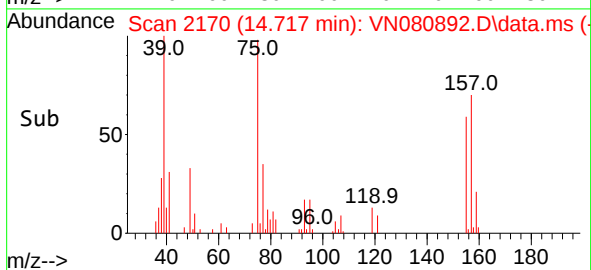
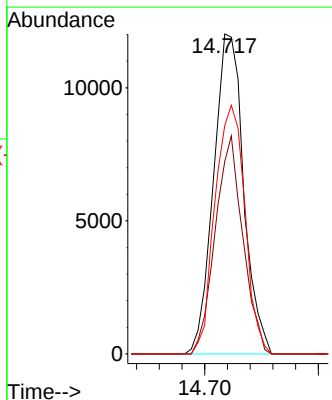
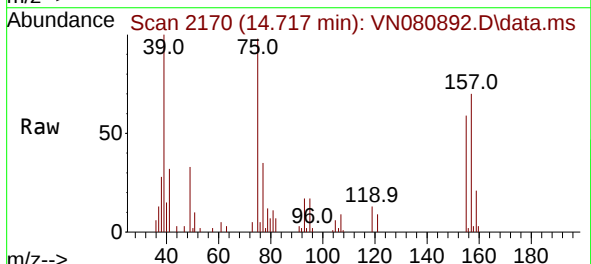
Manual Integrations
APPROVED

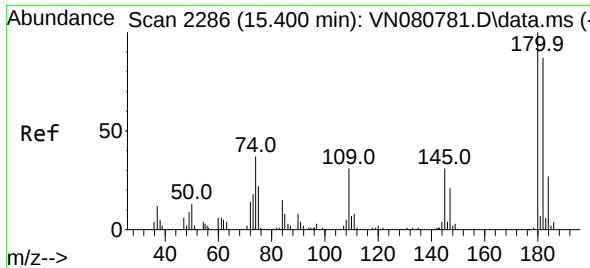
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.758 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion: 75 Resp: 22095
Ion Ratio Lower Upper
75 100
155 62.7 31.8 95.4
157 77.2 41.1 123.4





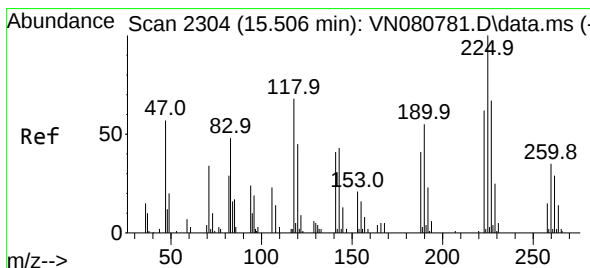
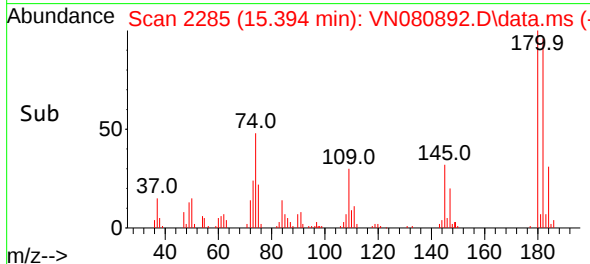
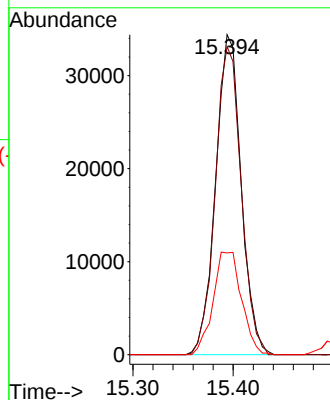
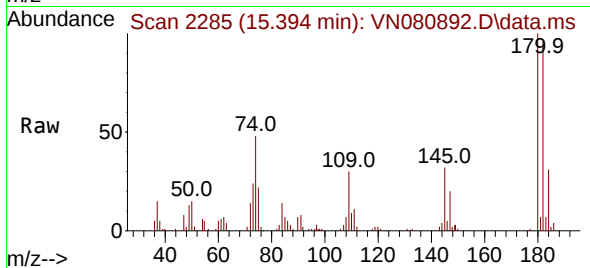
#93
1,2,4-Trichlorobenzene
Concen: 48.003 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 60838
Ion Ratio Lower Upper
180 100
182 97.7 46.6 139.7
145 35.7 16.8 50.3

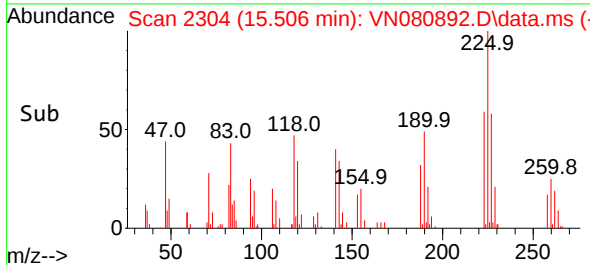
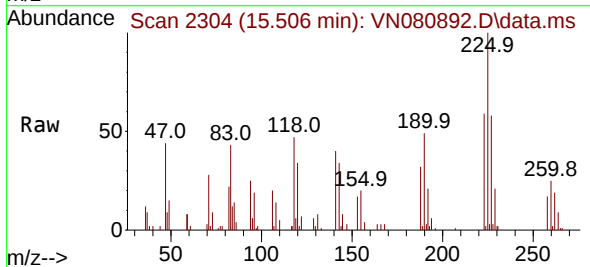
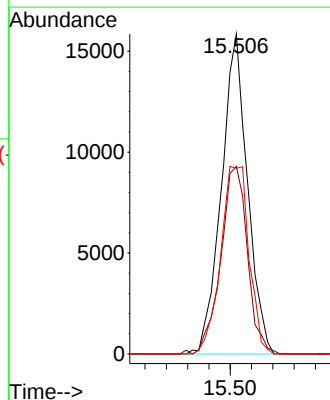
Manual Integrations
APPROVED

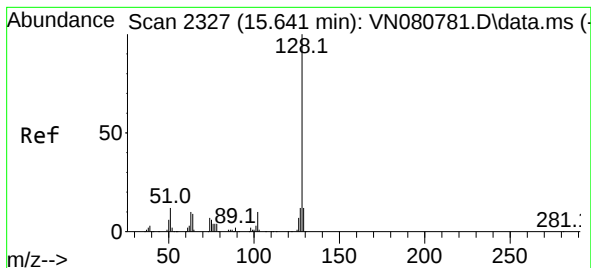
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#94
Hexachlorobutadiene
Concen: 48.594 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080892.D
Acq: 05 Feb 2024 13:07

Tgt Ion:225 Resp: 26906
Ion Ratio Lower Upper
225 100
223 60.0 33.3 99.8
227 63.9 33.1 99.2





#95

Naphthalene

Concen: 48.407 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080892.D

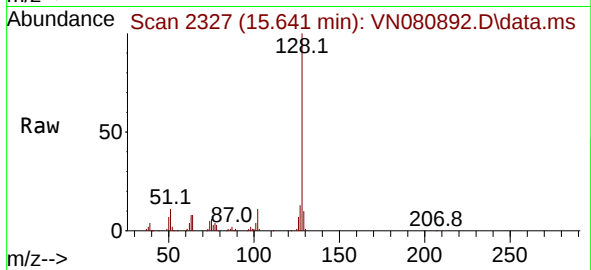
Acq: 05 Feb 2024 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:128 Resp: 23476

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

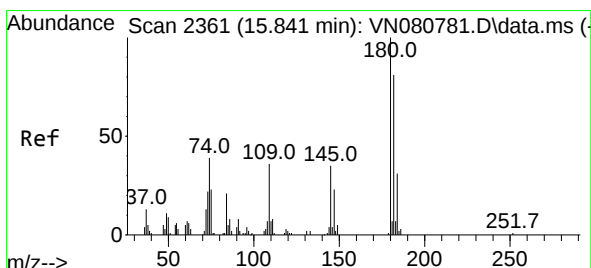
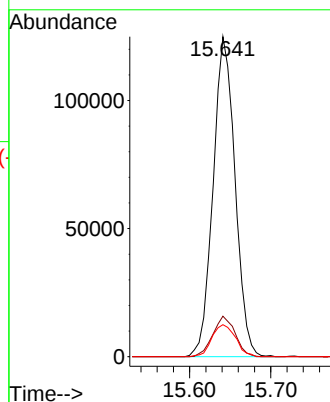
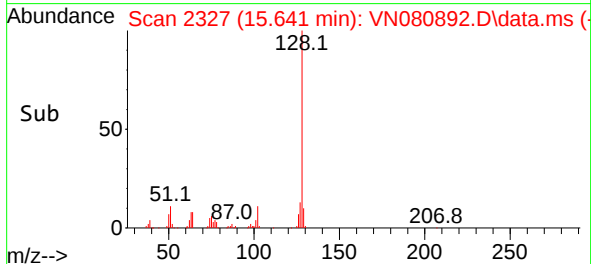
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.046 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080892.D

Acq: 05 Feb 2024 13:07

Tgt Ion:180 Resp: 59854

Ion Ratio Lower Upper

180 100

182 93.6 46.5 139.3

145 38.5 17.8 53.4

