

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080535.D
 Acq On : 19 Dec 2023 21:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 04:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	263578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189782	56.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.740%			
35) Dibromofluoromethane	8.165	113	146433	53.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	10.565	98	541275	53.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.847	95	192261	49.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	164885	48.952	ug/l	98
3) Chloromethane	2.359	50	150533	42.263	ug/l	99
4) Vinyl Chloride	2.512	62	131139	45.589	ug/l	100
5) Bromomethane	2.948	94	61272	47.245	ug/l	95
6) Chloroethane	3.118	64	83494	45.170	ug/l	98
7) Trichlorofluoromethane	3.495	101	288501	49.448	ug/l	99
8) Diethyl Ether	3.959	74	96497	52.509	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	139700	50.517	ug/l	95
10) Methyl Iodide	4.595	142	112211	46.132	ug/l	96
11) Tert butyl alcohol	5.512	59	103512	261.077	ug/l	100
12) 1,1-Dichloroethene	4.342	96	142138	50.163	ug/l	89
13) Acrolein	4.177	56	138392	318.728	ug/l	97
14) Allyl chloride	5.018	41	178062	50.791	ug/l	96
15) Acrylonitrile	5.712	53	311488	278.046	ug/l	100
16) Acetone	4.418	43	219307	367.399	ug/l	97
17) Carbon Disulfide	4.712	76	356359	44.377	ug/l	99
18) Methyl Acetate	5.018	43	234198	60.976	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	498189	52.699	ug/l	99
20) Methylene Chloride	5.277	84	162325	50.814	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	150085	48.850	ug/l #	82
22) Diisopropyl ether	6.671	45	415660	54.935	ug/l	93
23) Vinyl Acetate	6.600	43	1144184	263.290	ug/l	95
24) 1,1-Dichloroethane	6.565	63	280353	53.106	ug/l	100
25) 2-Butanone	7.483	43	343895	299.062	ug/l	92
26) 2,2-Dichloropropane	7.489	77	253508	46.962	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	177178	50.946	ug/l	92
28) Bromochloromethane	7.812	49	106144	52.367	ug/l	99
29) Tetrahydrofuran	7.836	42	228251	277.195	ug/l	92
30) Chloroform	7.965	83	315074	53.768	ug/l	93
31) Cyclohexane	8.259	56	209153	45.686	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	299817	52.256	ug/l	99
36) 1,1-Dichloropropene	8.371	75	221588	49.821	ug/l	96
37) Ethyl Acetate	7.559	43	141378	50.761	ug/l	100
38) Carbon Tetrachloride	8.359	117	268002	50.429	ug/l	96
39) Methylcyclohexane	9.606	83	209764	45.399	ug/l	92
40) Benzene	8.606	78	654085	50.928	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080535.D
 Acq On : 19 Dec 2023 21:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 04:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83268	51.859	ug/l	96
42) 1,2-Dichloroethane	8.671	62	246525	51.834	ug/l	97
43) Isopropyl Acetate	8.688	43	270272	53.970	ug/l	98
44) Trichloroethene	9.353	130	161548	46.658	ug/l	97
45) 1,2-Dichloropropane	9.624	63	150095	49.758	ug/l	99
46) Dibromomethane	9.706	93	111245	51.353	ug/l	90
47) Bromodichloromethane	9.888	83	247814	53.377	ug/l	98
48) Methyl methacrylate	9.683	41	159234	53.284	ug/l	89
49) 1,4-Dioxane	9.694	88	43693	964.603	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	768781	278.746	ug/l	100
52) Toluene	10.630	92	410452	50.588	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	257806	51.323	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	267281	49.782	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	157366	53.903	ug/l	98
56) Ethyl methacrylate	10.877	69	174601	54.019	ug/l	92
57) 1,3-Dichloropropane	11.165	76	268254	52.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	549863	269.474	ug/l	97
59) 2-Hexanone	11.194	43	558649	274.375	ug/l	99
60) Dibromochloromethane	11.359	129	182541	52.766	ug/l	100
61) 1,2-Dibromoethane	11.471	107	152179	50.364	ug/l	98
64) Tetrachloroethene	11.106	164	140255	50.116	ug/l	97
65) Chlorobenzene	11.894	112	402517	49.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	164508	51.996	ug/l	94
67) Ethyl Benzene	11.965	91	738438	49.807	ug/l	97
68) m/p-Xylenes	12.071	106	547286	99.895	ug/l	89
69) o-Xylene	12.400	106	268492	50.104	ug/l	87
70) Styrene	12.412	104	405278	52.505	ug/l	93
71) Bromoform	12.582	173	119522	51.803	ug/l #	100
73) Isopropylbenzene	12.694	105	706317	48.556	ug/l	99
74) N-amyl acetate	12.494	43	214589	50.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	201547	51.706	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	185854m	51.448	ug/l	
77) Bromobenzene	12.982	156	175884	49.151	ug/l	98
78) n-propylbenzene	13.035	91	829008	51.688	ug/l	98
79) 2-Chlorotoluene	13.124	91	522164	49.868	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	627700	50.103	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	63881	46.429	ug/l	88
82) 4-Chlorotoluene	13.223	91	527536	49.015	ug/l	96
83) tert-Butylbenzene	13.441	119	518493	50.534	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	627728	50.365	ug/l	99
85) sec-Butylbenzene	13.618	105	664853	50.656	ug/l	99
86) p-Isopropyltoluene	13.729	119	599522	50.589	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	311905	49.471	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	311102	48.882	ug/l	98
89) n-Butylbenzene	14.059	91	500905	50.613	ug/l	99
90) Hexachloroethane	14.335	117	95508	50.746	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	292575	48.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	44614	54.414	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	172226	51.812	ug/l	97
94) Hexachlorobutadiene	15.500	225	84552	44.680	ug/l	100
95) Naphthalene	15.641	128	537229	53.223	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	161702	50.411	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080535.D
Acq On : 19 Dec 2023 21:29
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

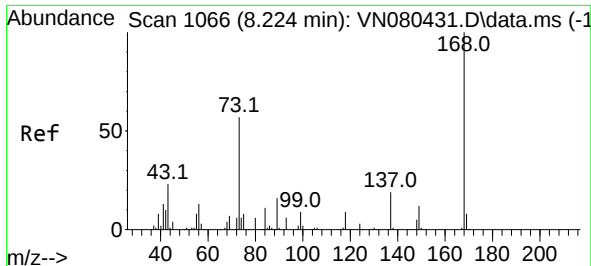
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 04:09:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

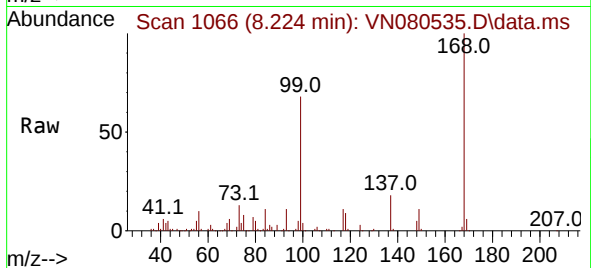
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

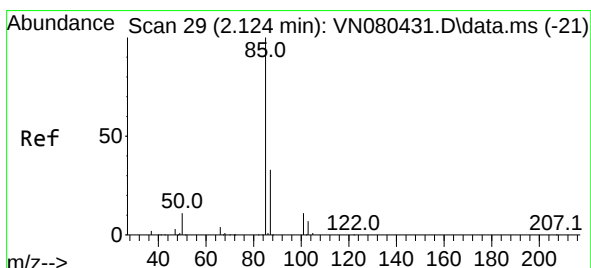
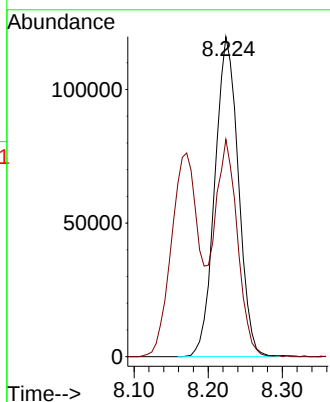
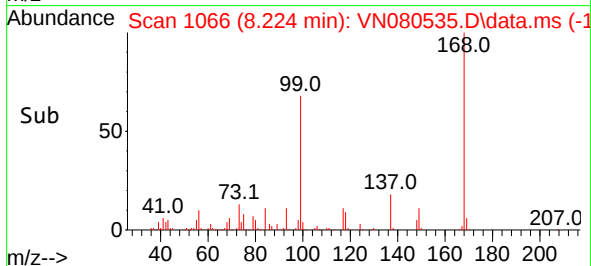
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



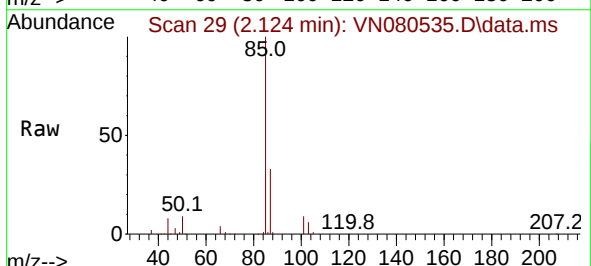
Tgt Ion:168 Resp: 263578
Ion Ratio Lower Upper
168 100
99 67.6 53.0 79.6

Manual Integrations
APPROVED

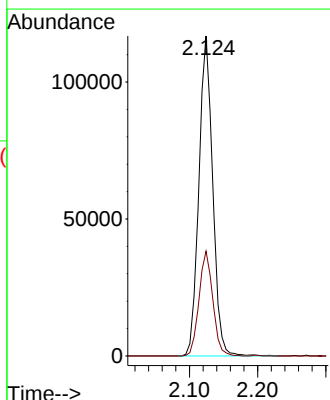
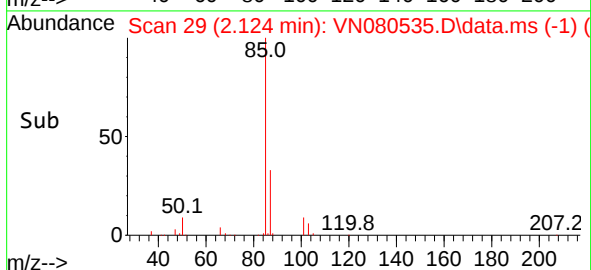
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

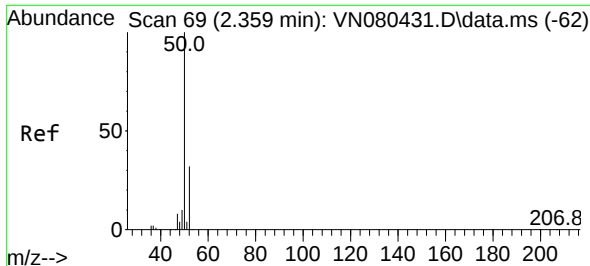


#2
Dichlorodifluoromethane
Concen: 48.952 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



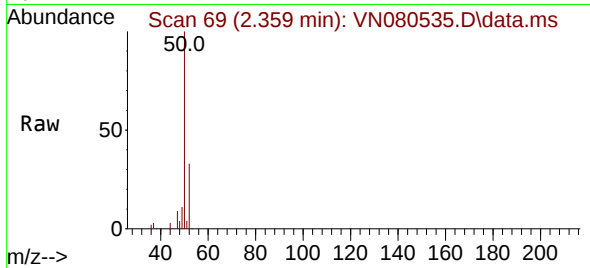
Tgt Ion: 85 Resp: 164885
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 42.263 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

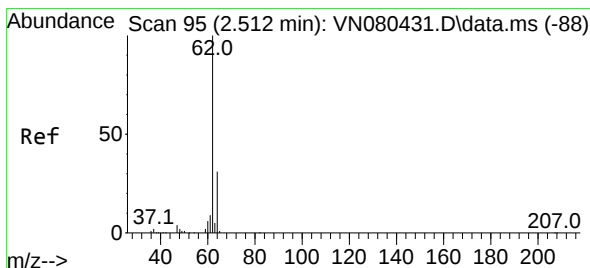
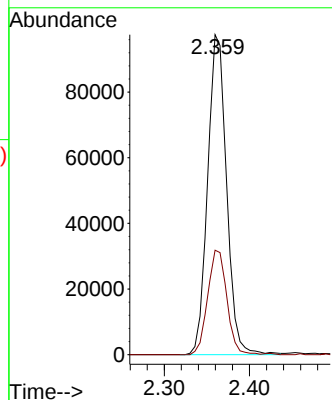
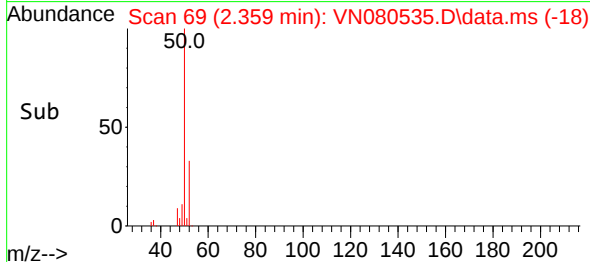
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



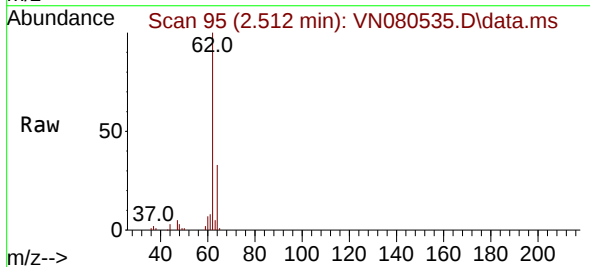
Tgt Ion: 50 Resp: 150533
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

Manual Integrations
APPROVED

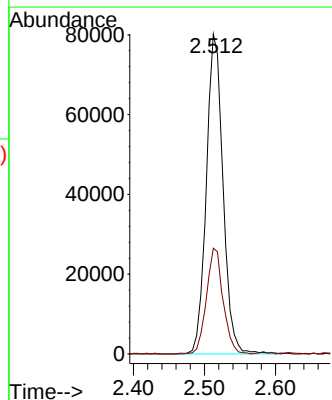
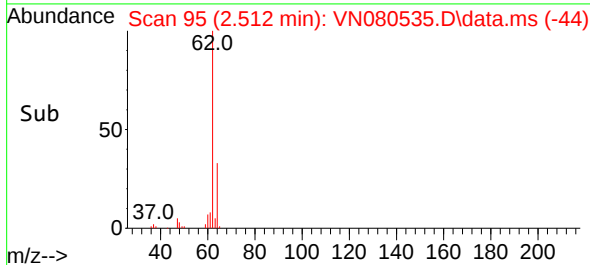
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

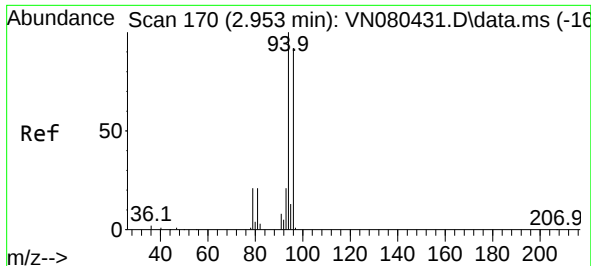


#4
Vinyl Chloride
Concen: 45.589 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



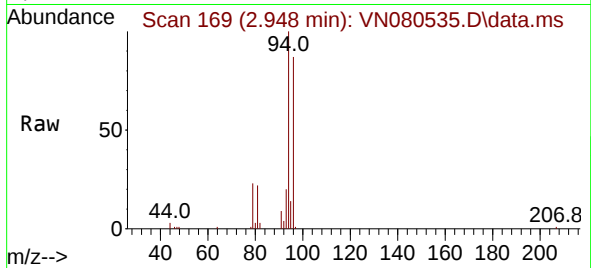
Tgt Ion: 62 Resp: 131139
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





#5
Bromomethane
Concen: 47.245 ug/l
RT: 2.948 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

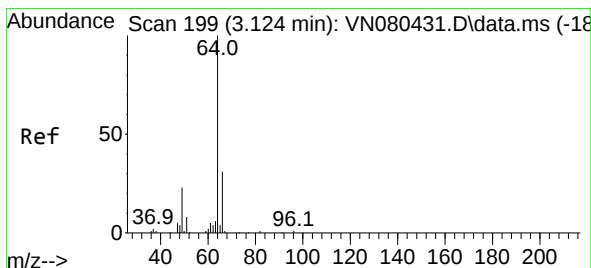
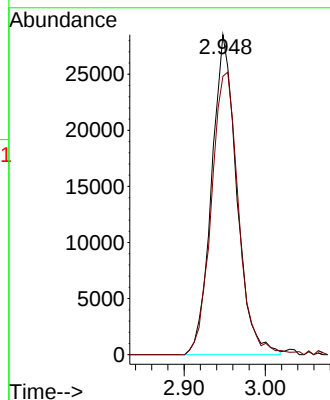
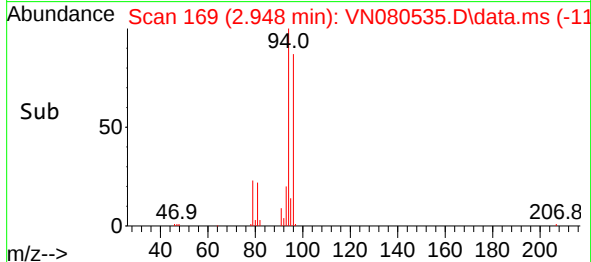
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 61272
Ion Ratio Lower Upper
94 100
96 87.0 73.1 109.7

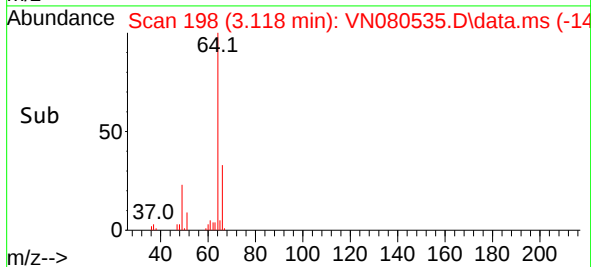
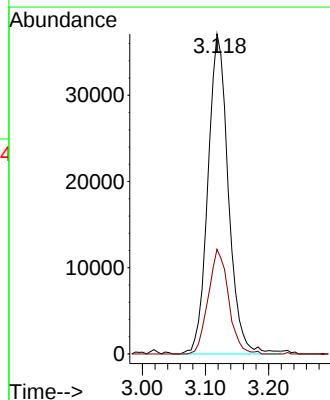
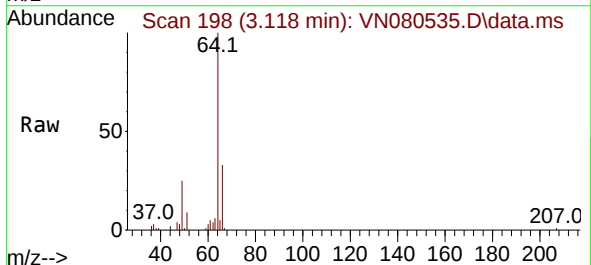
Manual Integrations
APPROVED

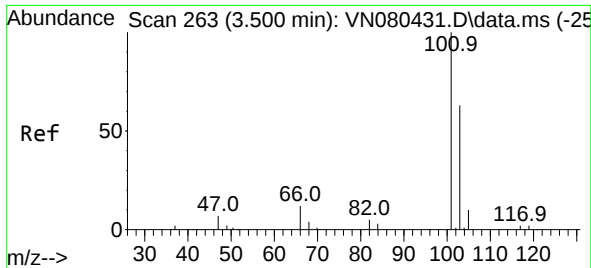
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#6
Chloroethane
Concen: 45.170 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

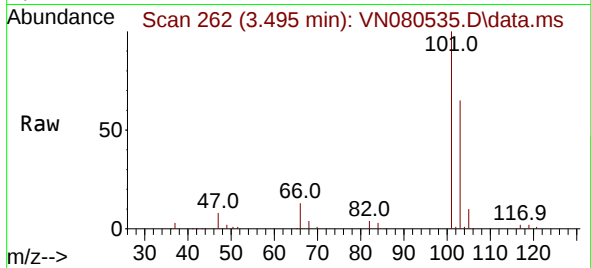
Tgt Ion: 64 Resp: 83494
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 49.448 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

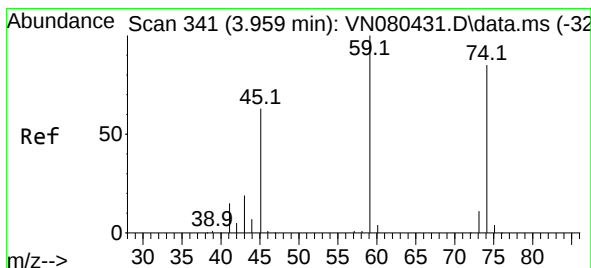
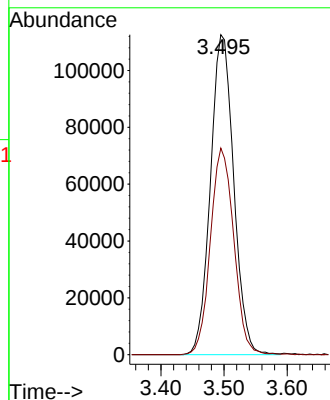
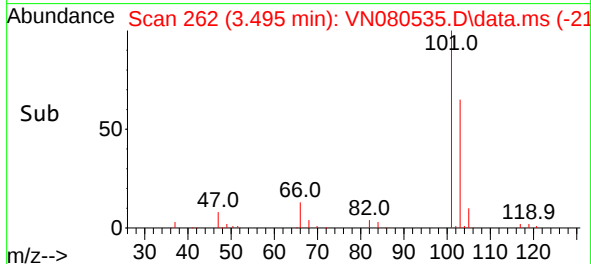
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 28850
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

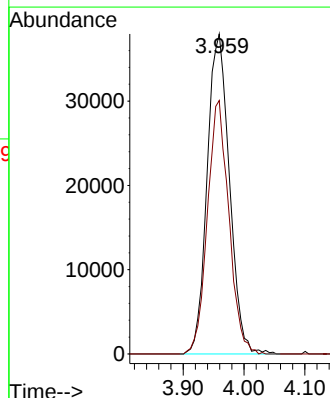
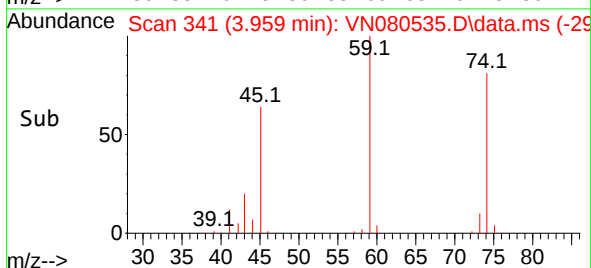
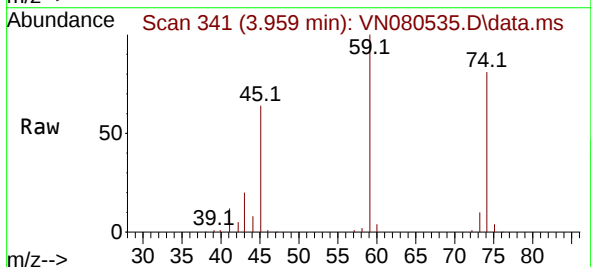
Manual Integrations
APPROVED

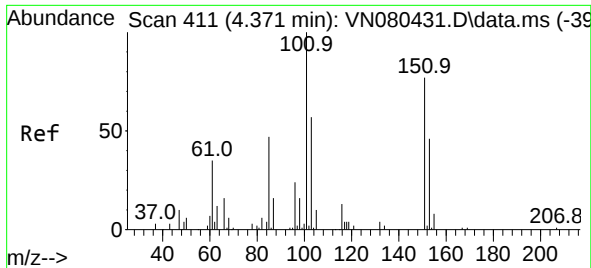
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#8
Diethyl Ether
Concen: 52.509 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Tgt Ion: 74 Resp: 96497
Ion Ratio Lower Upper
74 100
45 76.4 34.4 103.3





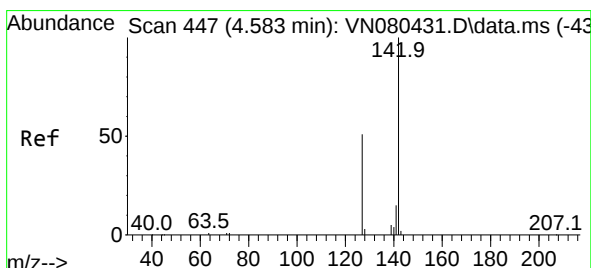
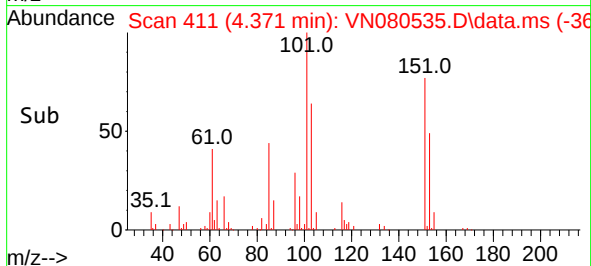
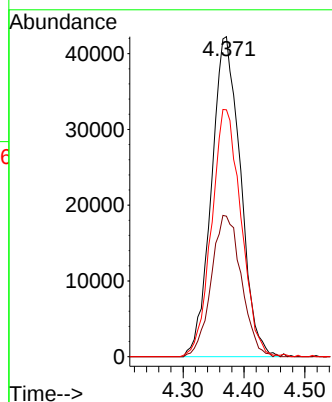
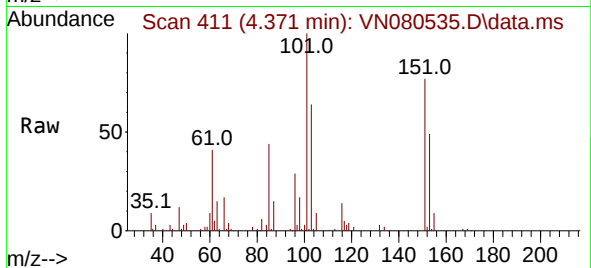
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.517 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 139700
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 78.7 57.6 86.4

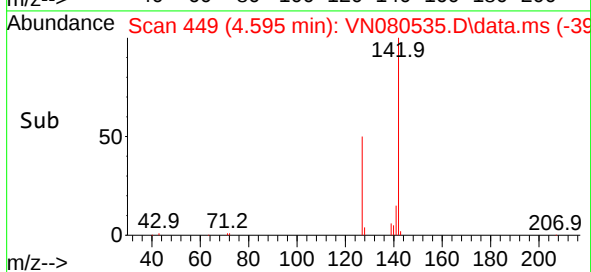
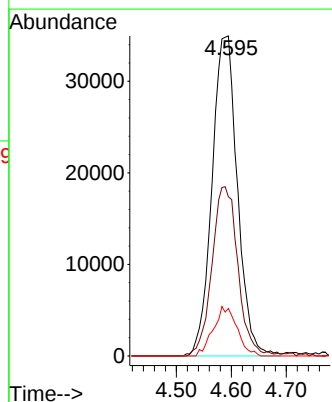
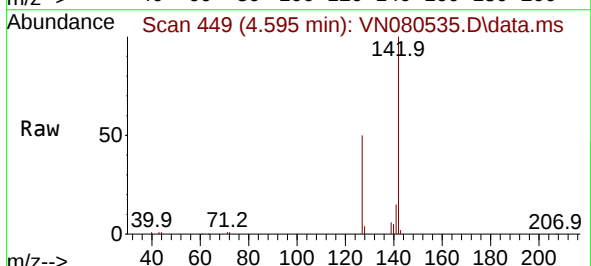
Manual Integrations
APPROVED

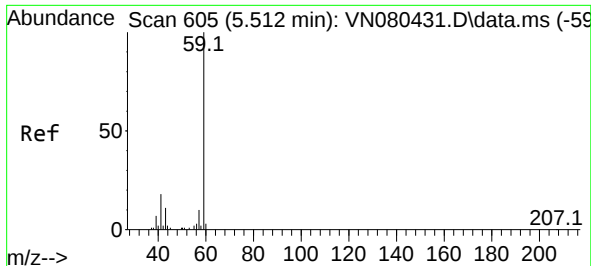
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#10
Methyl Iodide
Concen: 46.132 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

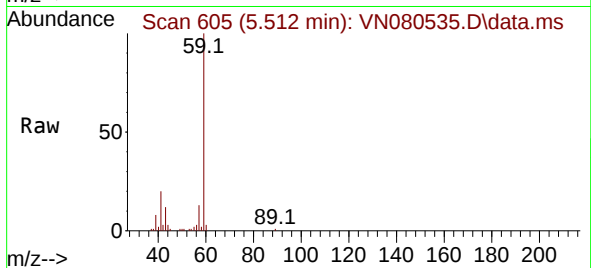
Tgt Ion:142 Resp: 112211
Ion Ratio Lower Upper
142 100
127 49.8 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 261.077 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

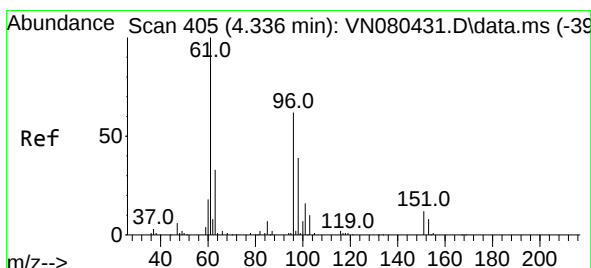
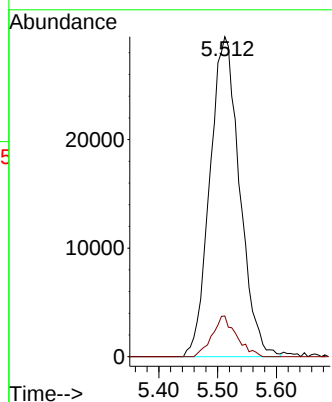
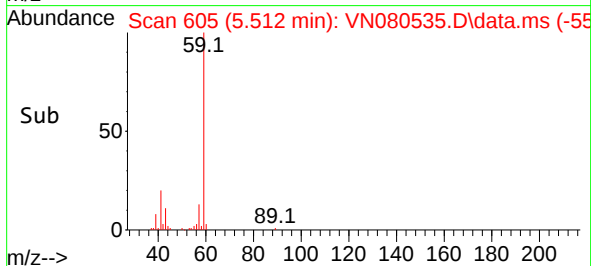
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



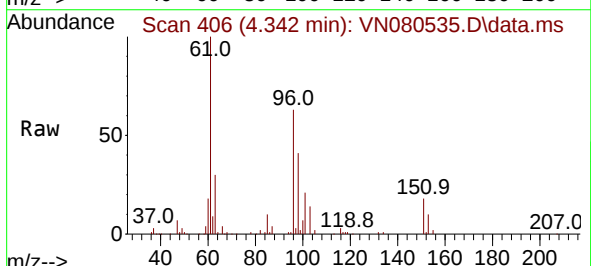
Tgt Ion: 59 Resp: 103512
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

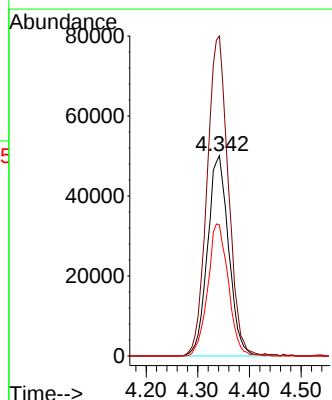
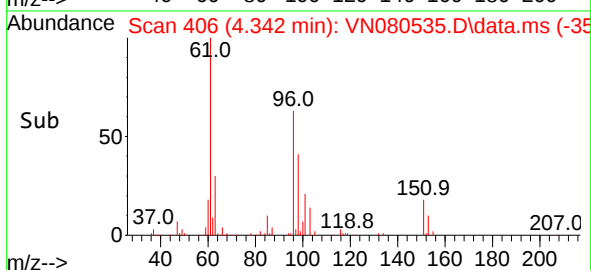
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

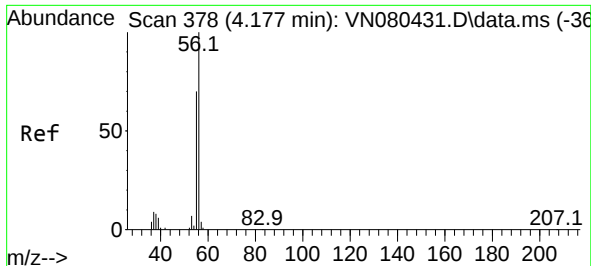


#12
1,1-Dichloroethene
Concen: 50.163 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion: 96 Resp: 142138
Ion Ratio Lower Upper
96 100
61 159.7 112.7 169.1
98 65.4 51.2 76.8





#13

Acrolein

Concen: 318.728 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 138392

Ion Ratio Lower Upper

56 100

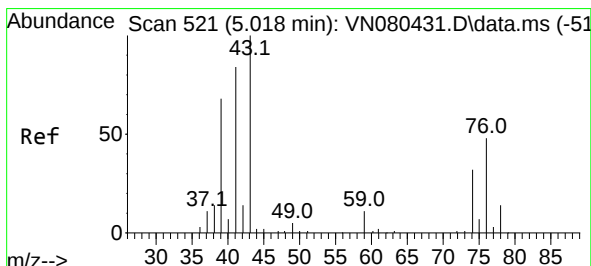
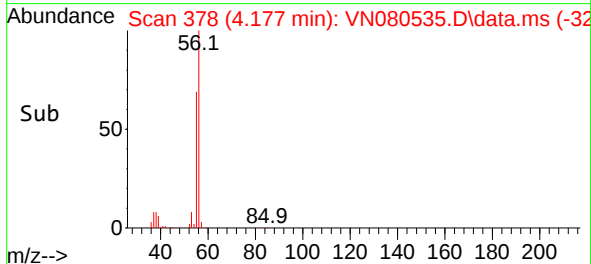
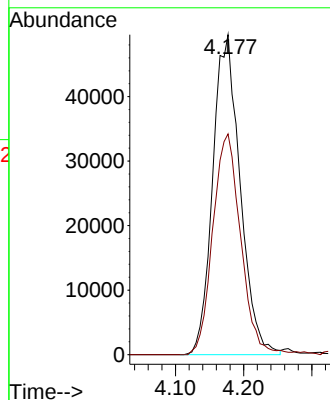
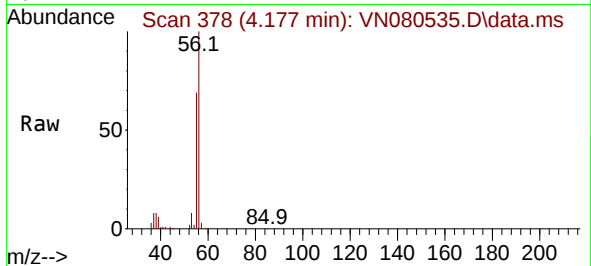
55 70.2 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#14

Allyl chloride

Concen: 50.791 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

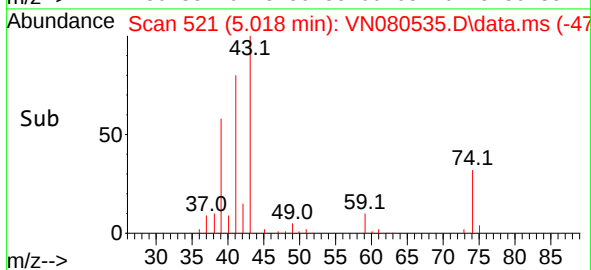
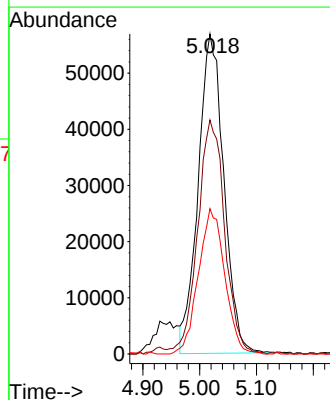
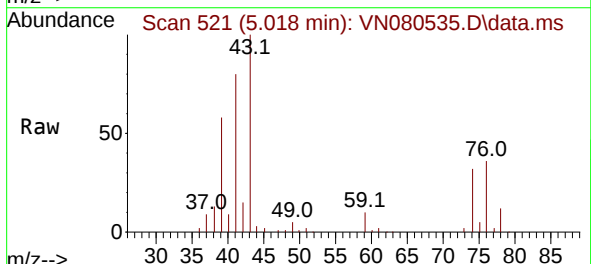
Tgt Ion: 41 Resp: 178062

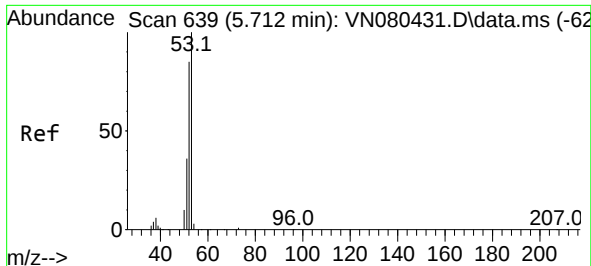
Ion Ratio Lower Upper

41 100

39 77.0 58.8 88.2

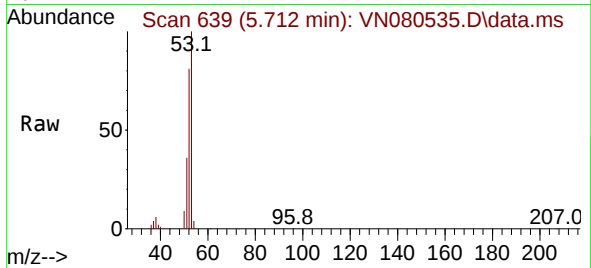
76 46.8 39.1 58.7





#15
Acrylonitrile
Concen: 278.046 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

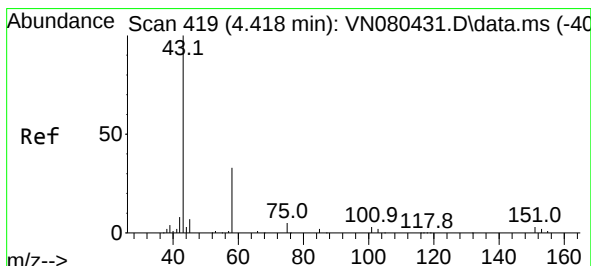
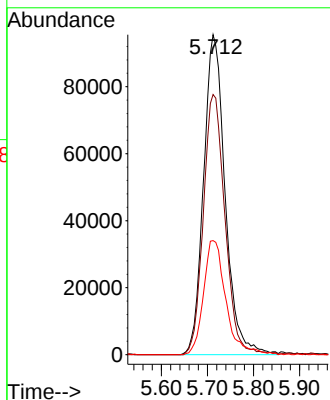
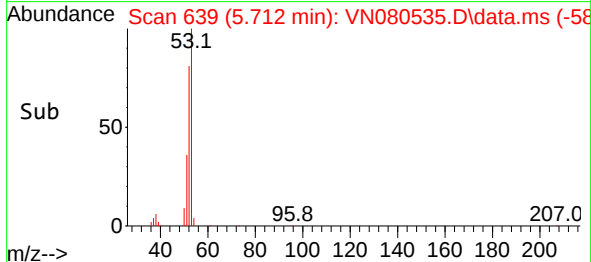
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 311488
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.9 28.9 43.3

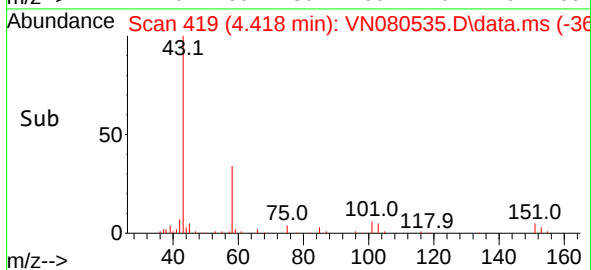
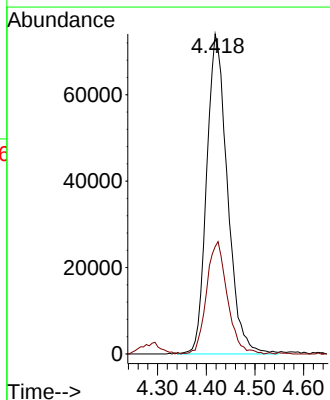
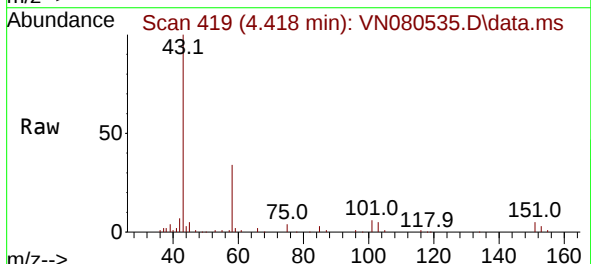
Manual Integrations
APPROVED

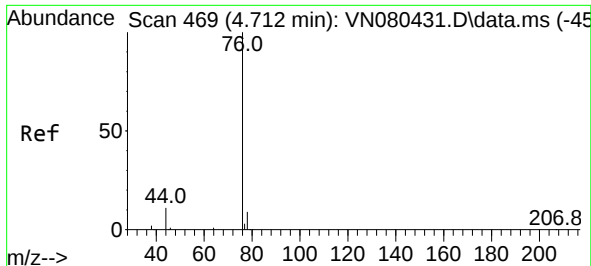
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#16
Acetone
Concen: 367.399 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

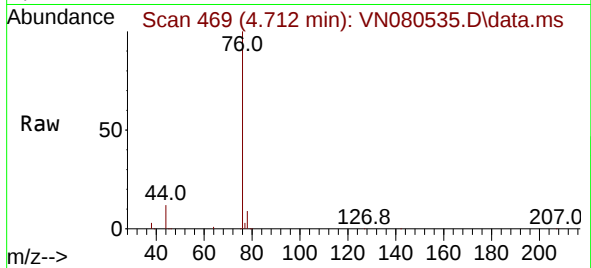
Tgt Ion: 43 Resp: 219307
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#17
Carbon Disulfide
Concen: 44.377 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

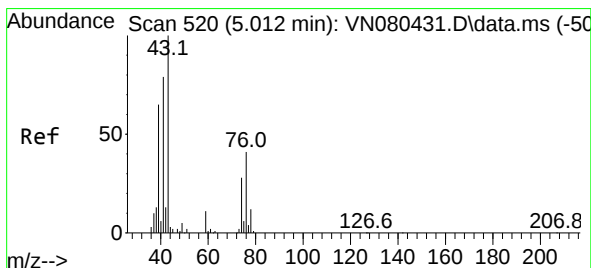
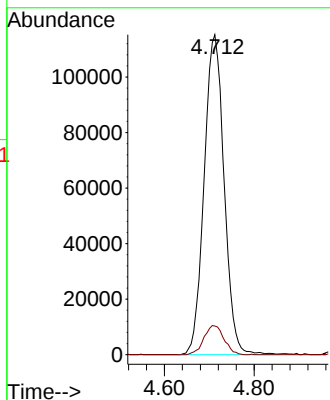
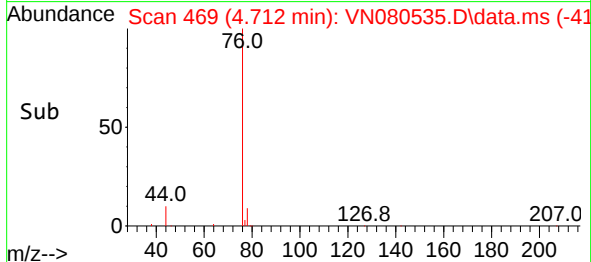
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



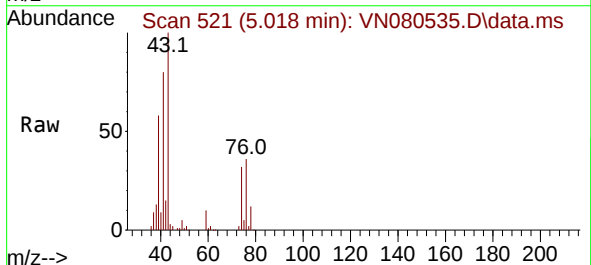
Tgt Ion: 76 Resp: 356359
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

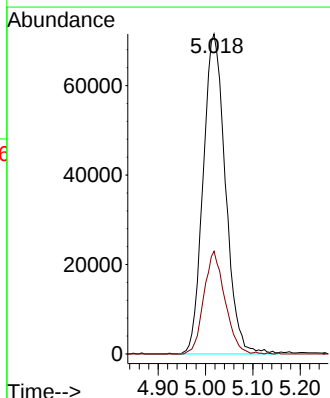
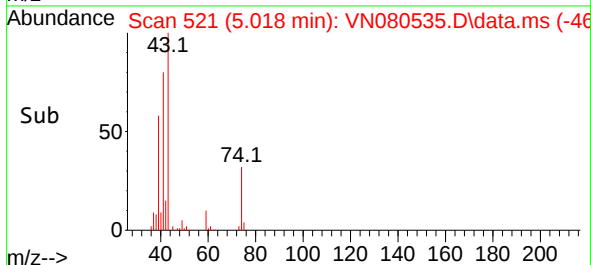
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

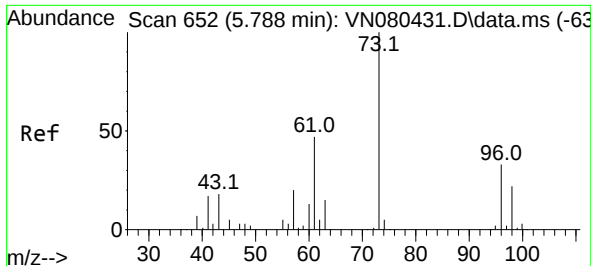


#18
Methyl Acetate
Concen: 60.976 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion: 43 Resp: 234198
Ion Ratio Lower Upper
43 100
74 30.3 26.2 39.4





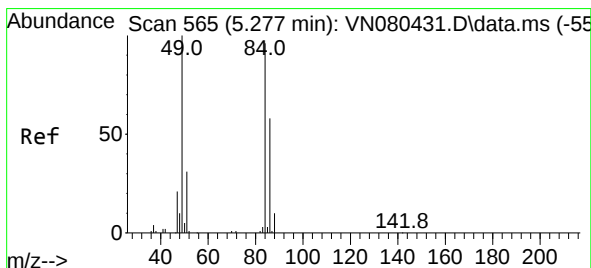
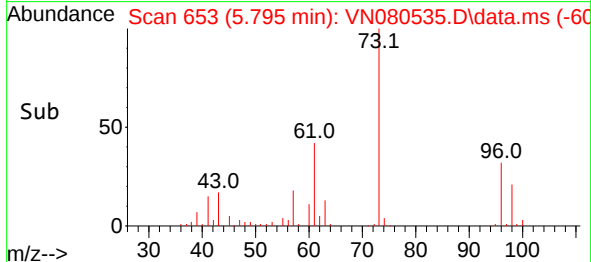
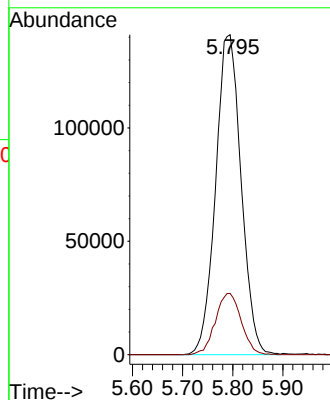
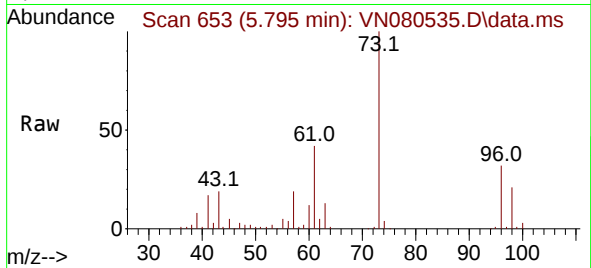
#19
Methyl tert-butyl Ether
Concen: 52.699 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 498189
Ion Ratio Lower Upper
73 100
57 19.1 15.6 23.4

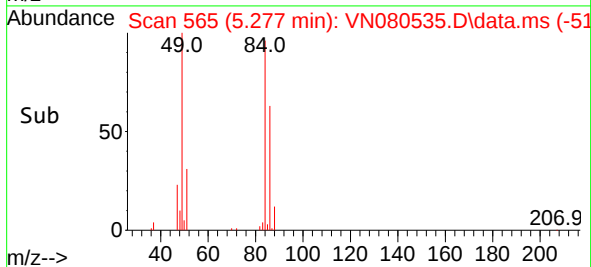
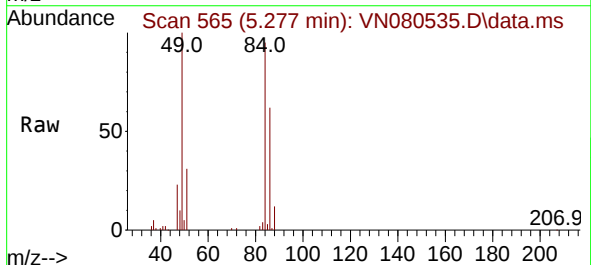
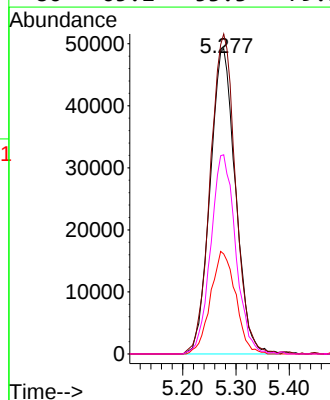
Manual Integrations
APPROVED

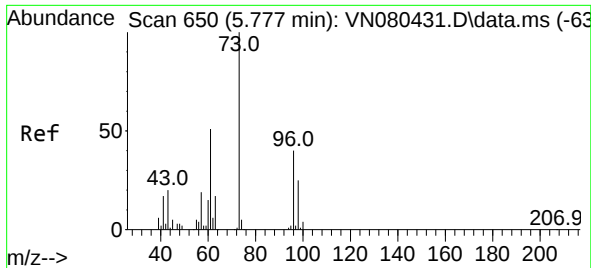
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#20
Methylene Chloride
Concen: 50.814 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

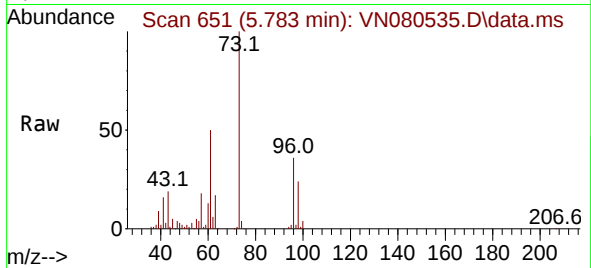
Tgt Ion: 84 Resp: 162325
Ion Ratio Lower Upper
84 100
49 104.8 79.7 119.5
51 32.7 25.2 37.8
86 65.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.850 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

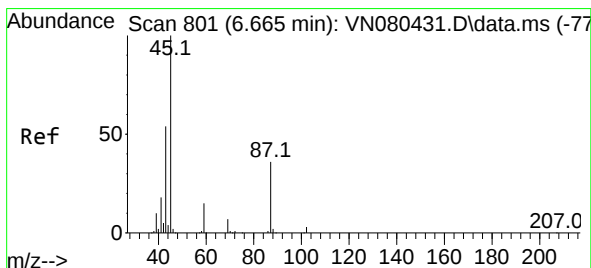
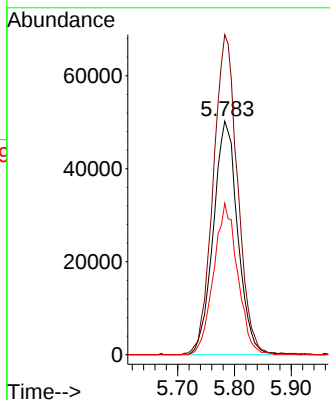
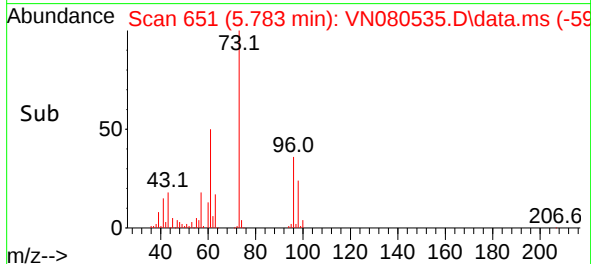
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15008
Ion Ratio Lower Upper
96 100
61 137.1 90.1 135.1
98 64.8 46.4 69.6

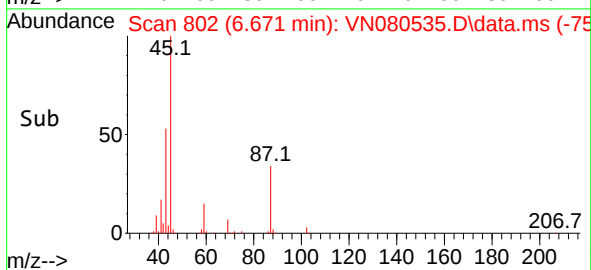
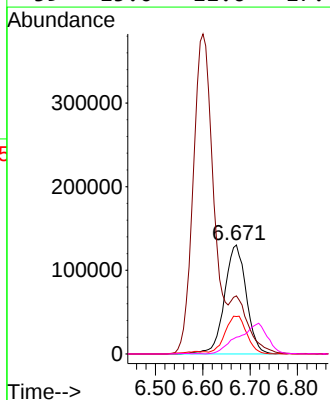
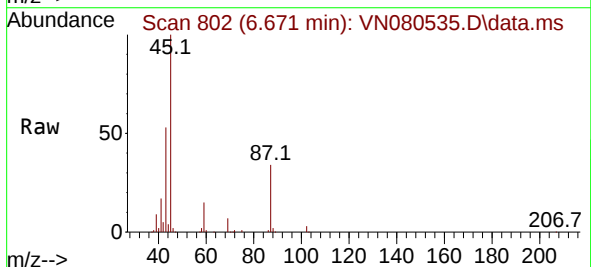
Manual Integrations
APPROVED

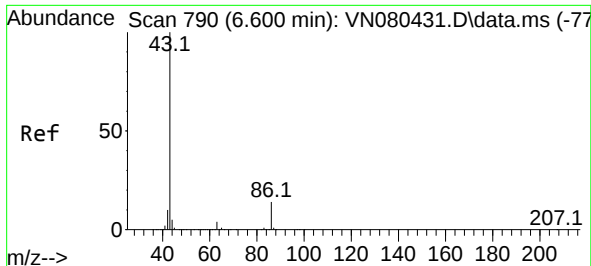
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#22
Diisopropyl ether
Concen: 54.935 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

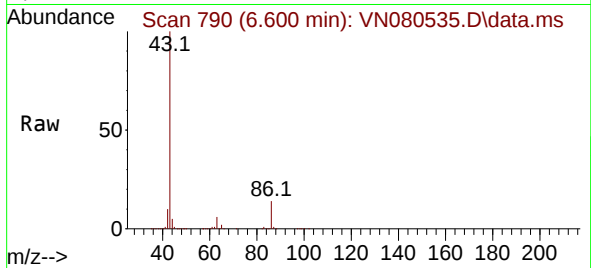
Tgt Ion: 45 Resp: 415660
Ion Ratio Lower Upper
45 100
43 52.1 45.5 68.3
87 34.1 31.8 47.8
59 15.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 263.290 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080535.D
 Acq: 19 Dec 2023 21:29

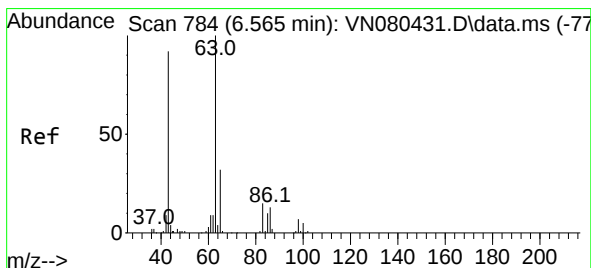
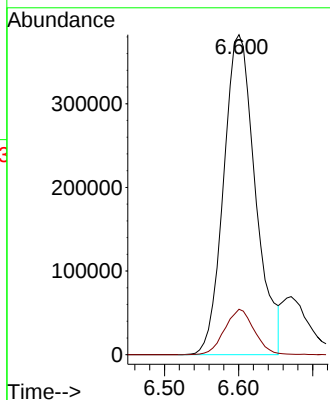
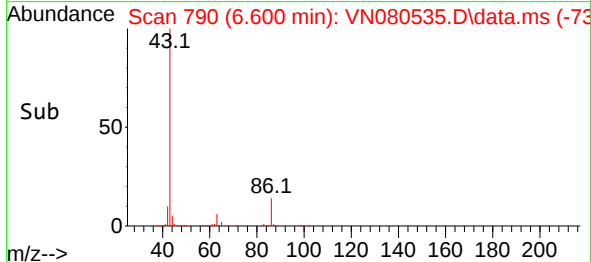
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1144184
 Ion Ratio Lower Upper
 43 100
 86 14.2 13.0 19.6

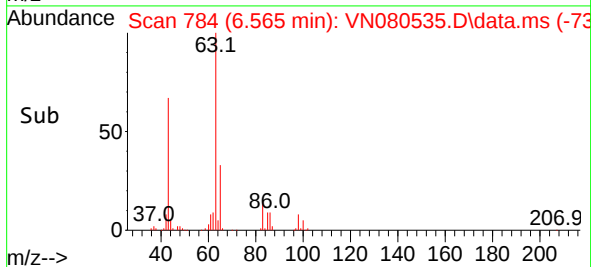
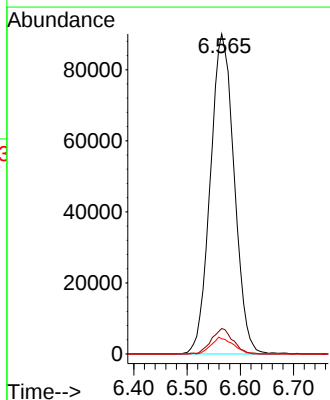
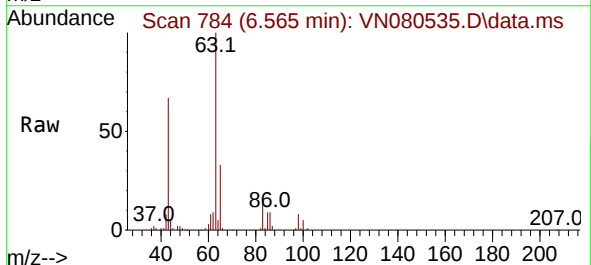
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#24
 1,1-Dichloroethane
 Concen: 53.106 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080535.D
 Acq: 19 Dec 2023 21:29

Tgt Ion: 63 Resp: 280353
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.7 2.5 7.4





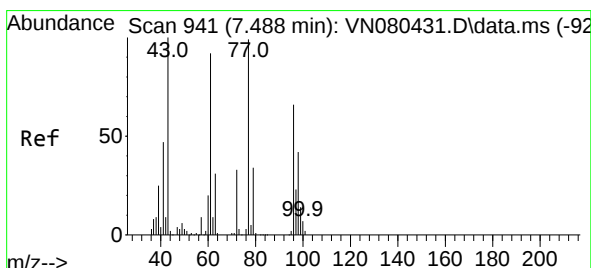
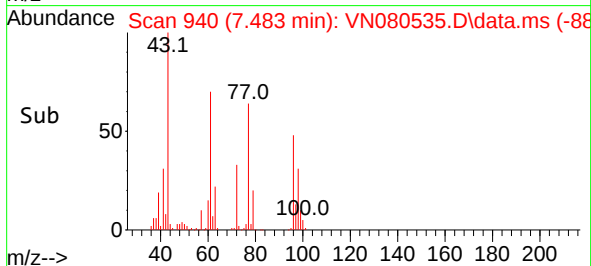
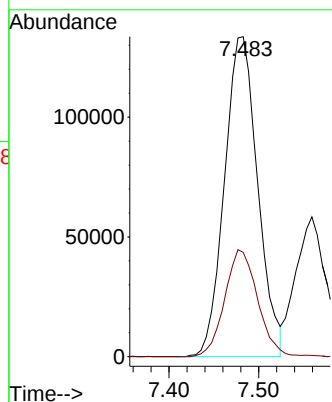
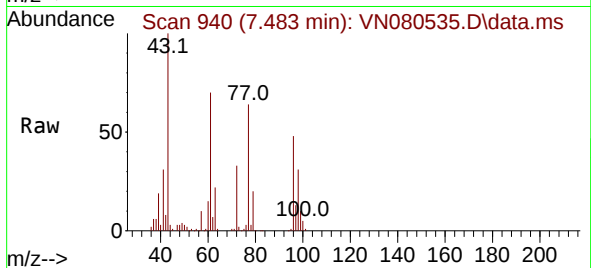
#25
2-Butanone
Concen: 299.062 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 34389
Ion Ratio Lower Upper
43 100
72 32.6 30.2 45.2

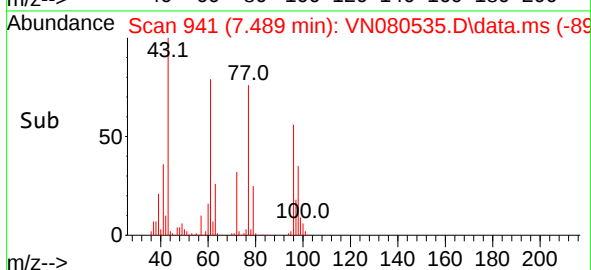
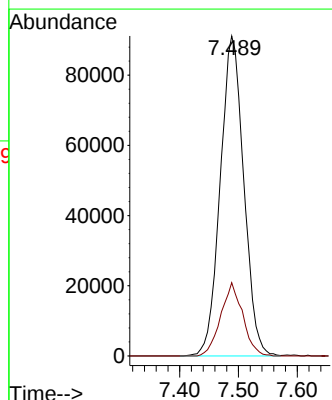
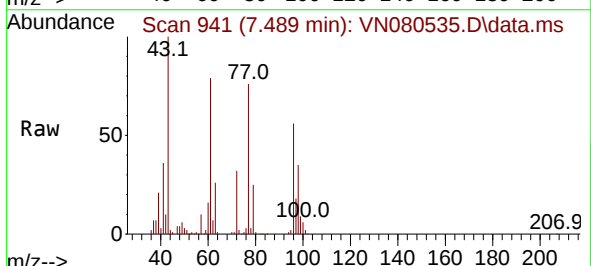
Manual Integrations
APPROVED

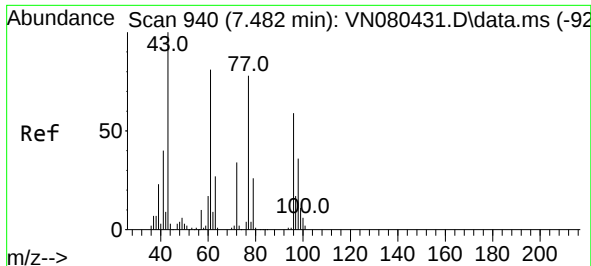
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#26
2,2-Dichloropropane
Concen: 46.962 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

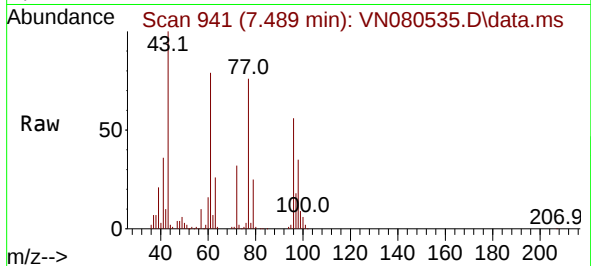
Tgt Ion: 77 Resp: 253508
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.946 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080535.D
 Acq: 19 Dec 2023 21:29

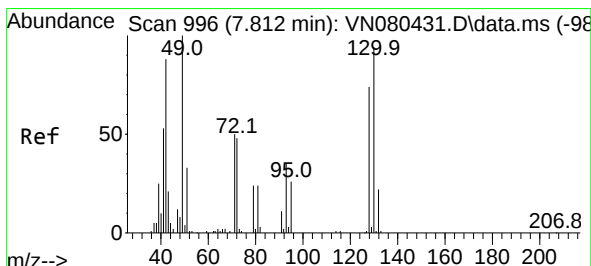
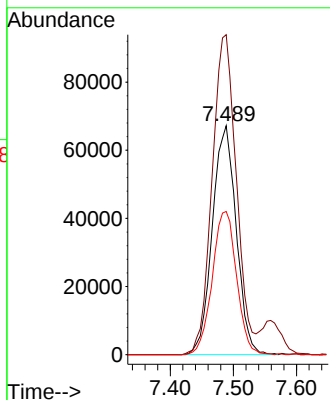
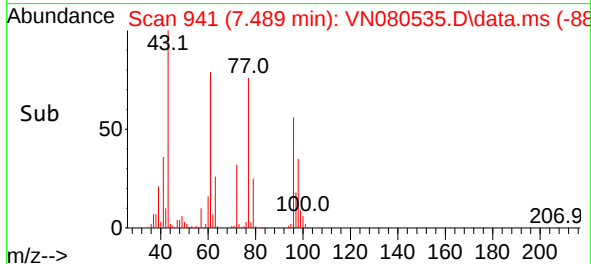
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 177178
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 255.2
 98 63.5 0.0 128.8

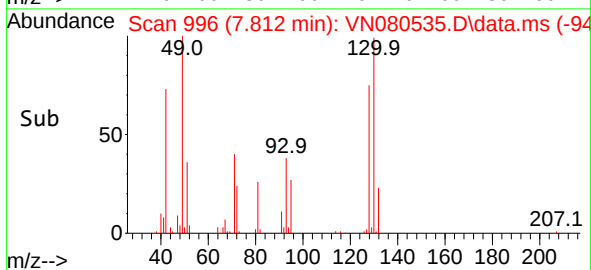
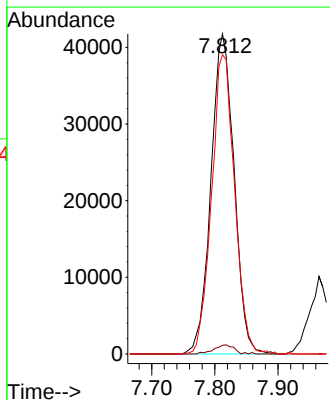
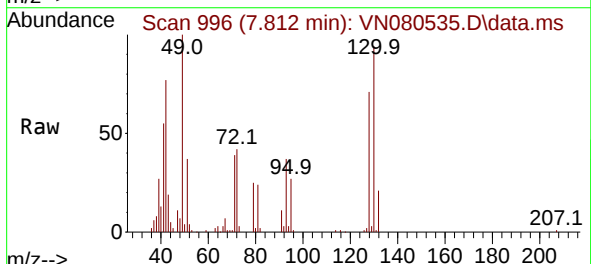
Manual Integrations
 APPROVED

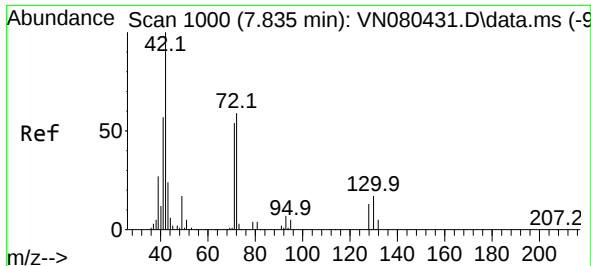
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#28
 Bromochloromethane
 Concen: 52.367 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080535.D
 Acq: 19 Dec 2023 21:29

Tgt Ion: 49 Resp: 106144
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 93.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 277.195 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 22825

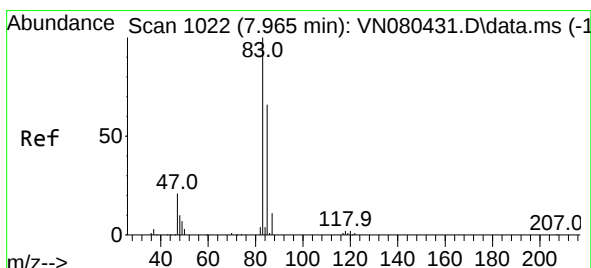
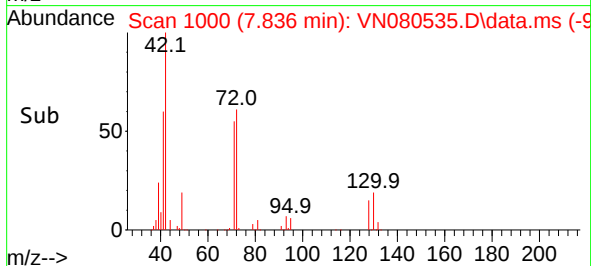
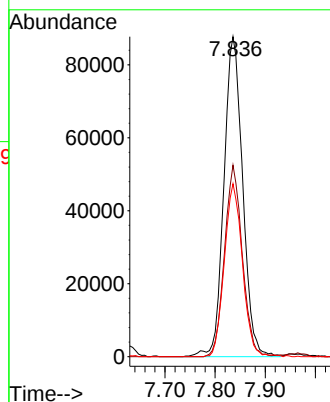
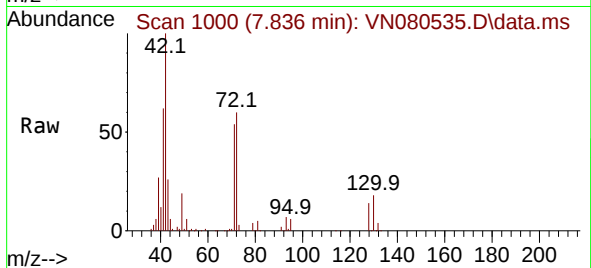
Ion	Ratio	Lower	Upper
42	100		
72	56.7	49.8	74.6
71	52.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#30

Chloroform

Concen: 53.768 ug/l

RT: 7.965 min Scan# 1022

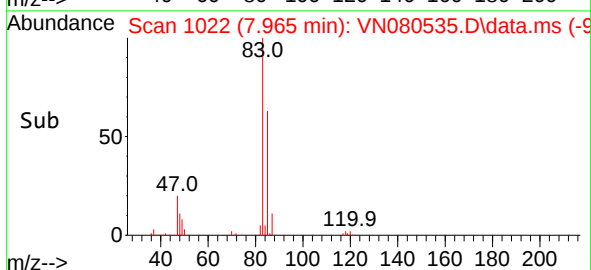
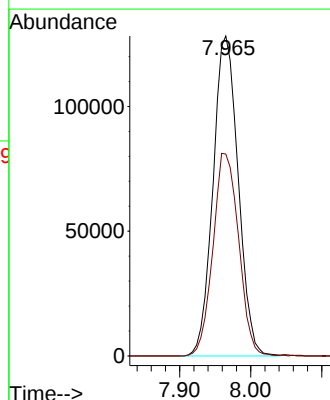
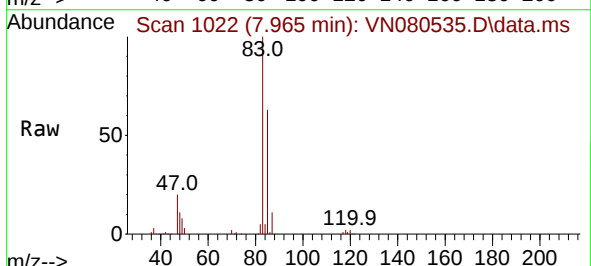
Delta R.T. 0.000 min

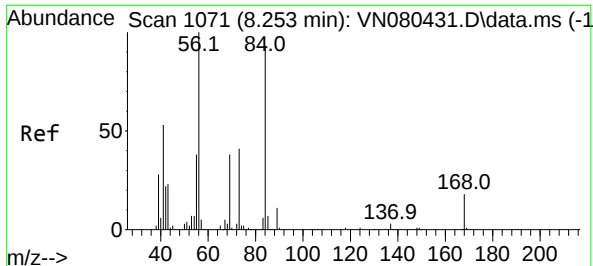
Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Tgt Ion: 83 Resp: 315074

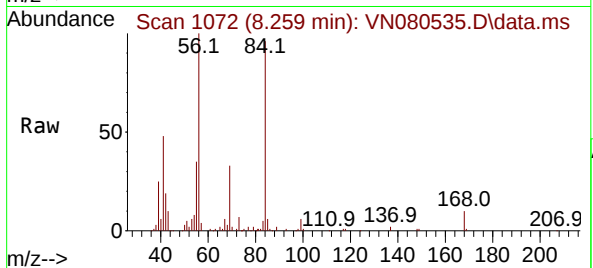
Ion	Ratio	Lower	Upper
83	100		
85	63.1	55.4	83.0





#31
Cyclohexane
Concen: 45.686 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

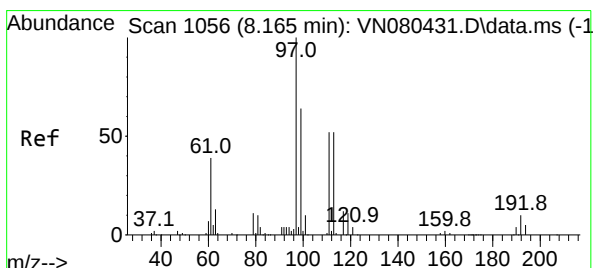
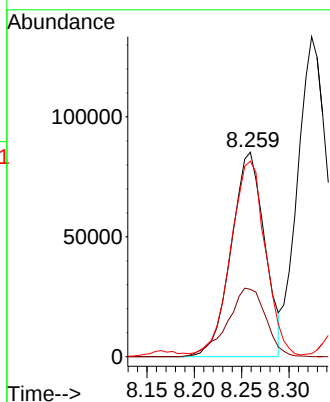
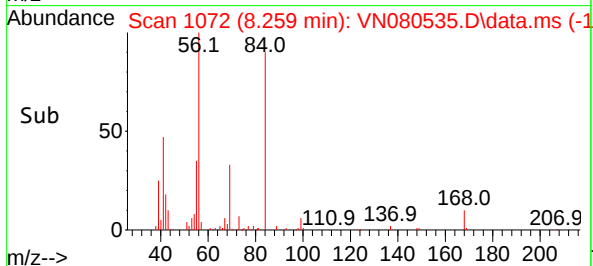
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



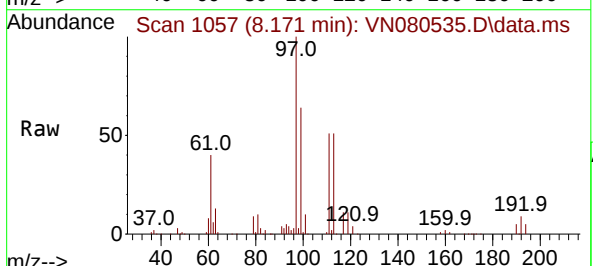
Tgt Ion: 56 Resp: 20915
Ion Ratio Lower Upper
56 100
69 32.7 26.8 40.2
84 94.1 81.8 122.6

Manual Integrations
APPROVED

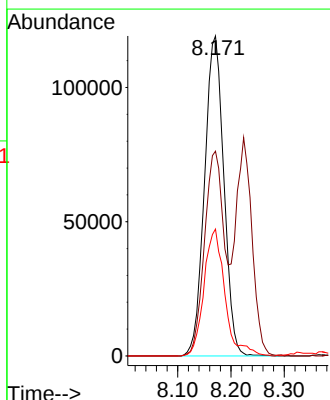
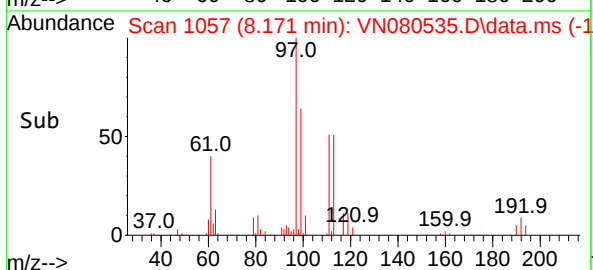
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

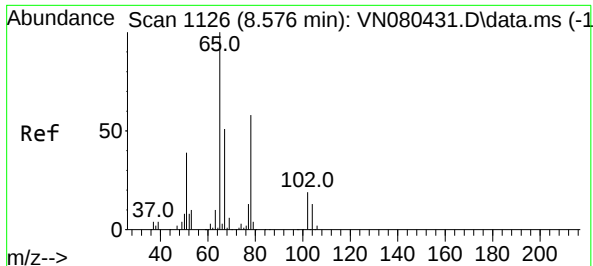


#32
1,1,1-Trichloroethane
Concen: 52.256 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion: 97 Resp: 299817
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.374 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18978

Ion Ratio Lower Upper

65 100

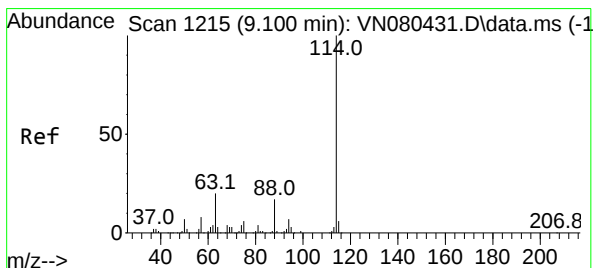
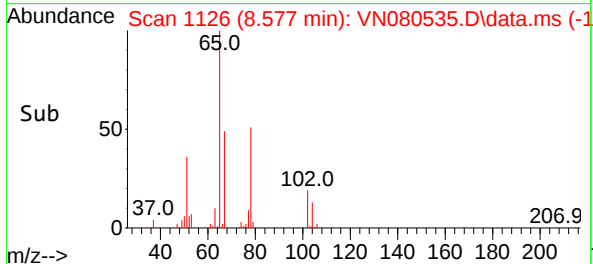
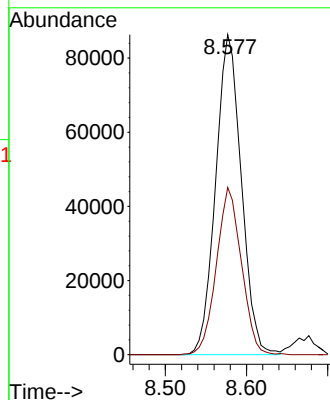
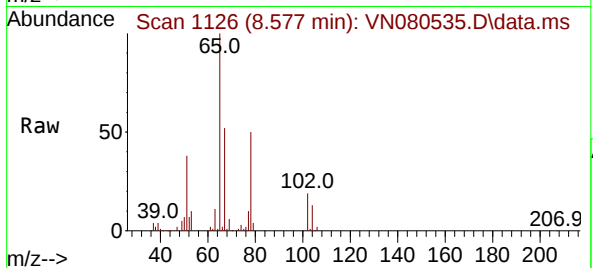
67 50.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

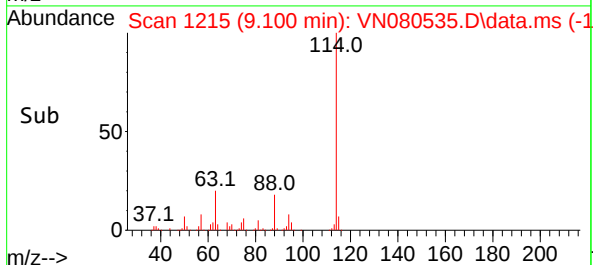
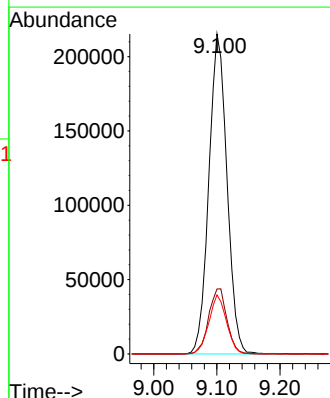
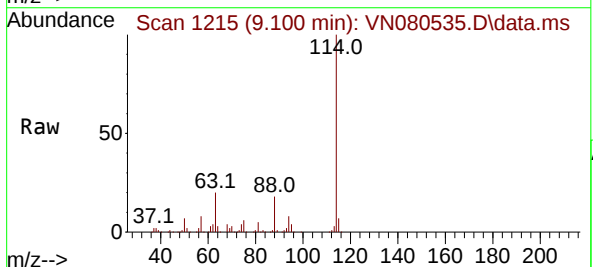
Tgt Ion:114 Resp: 429025

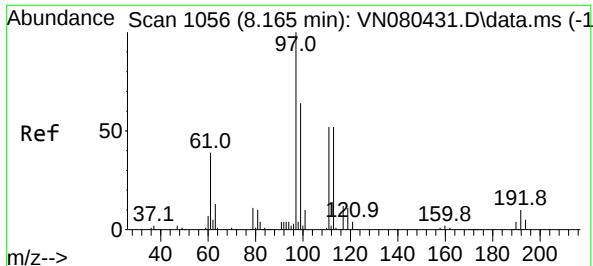
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

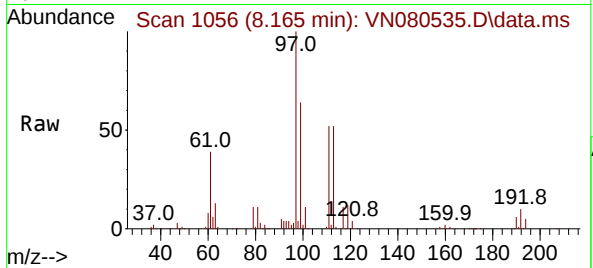
88 18.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.832 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

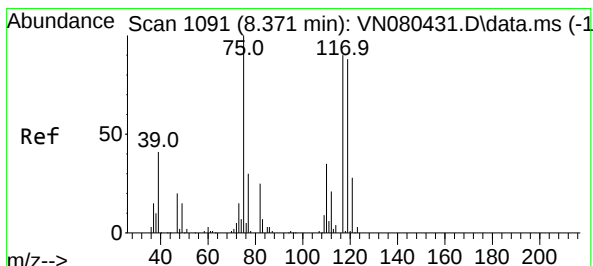
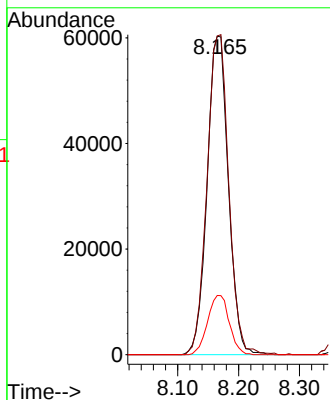
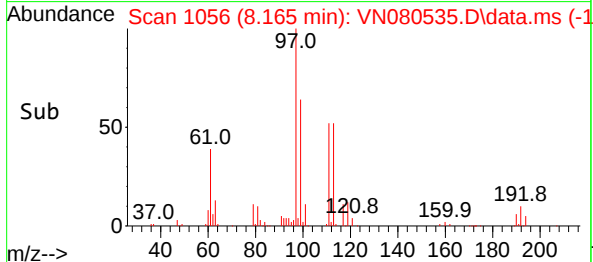
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 14643
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 18.9 12.7 19.1

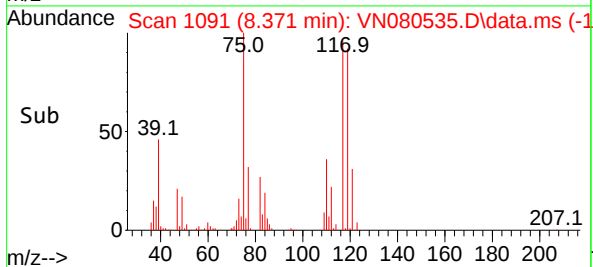
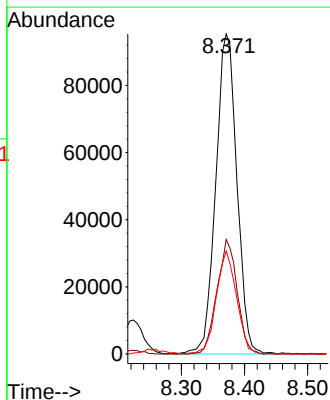
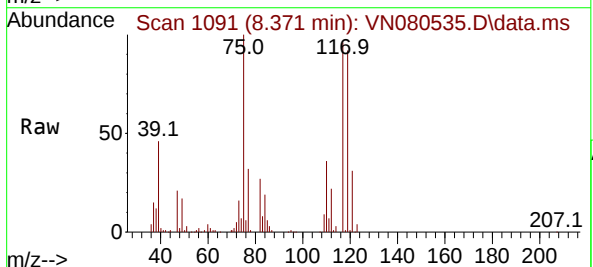
Manual Integrations
APPROVED

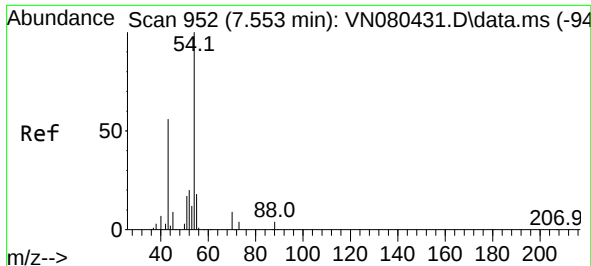
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#36
1,1-Dichloropropene
Concen: 49.821 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Tgt Ion: 75 Resp: 221588
Ion Ratio Lower Upper
75 100
110 34.1 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 50.761 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080535.D

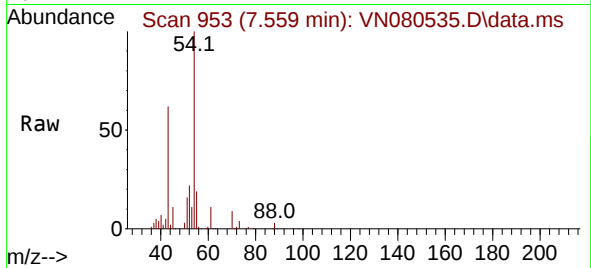
Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



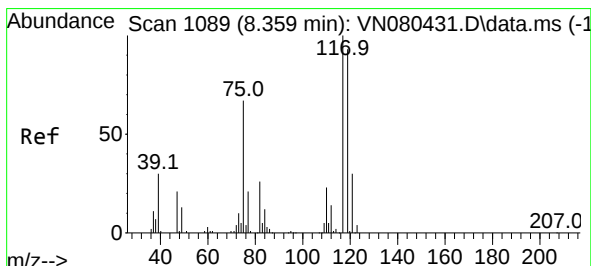
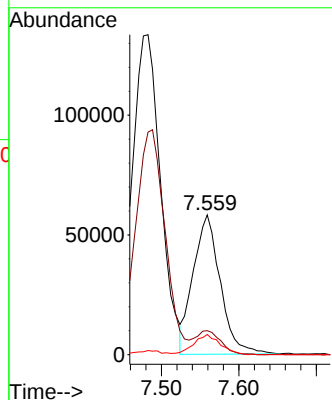
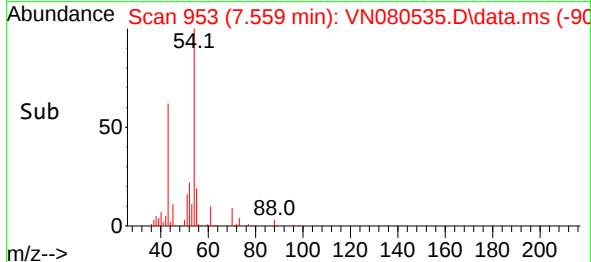
Tgt Ion:	43	Resp:	141378
Ion	Ratio	Lower	Upper
43	100		
61	16.2	13.2	19.8
70	14.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#38

Carbon Tetrachloride

Concen: 50.429 ug/l

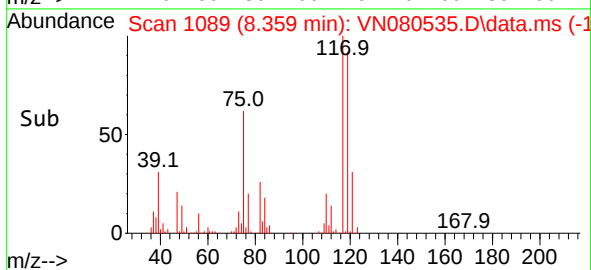
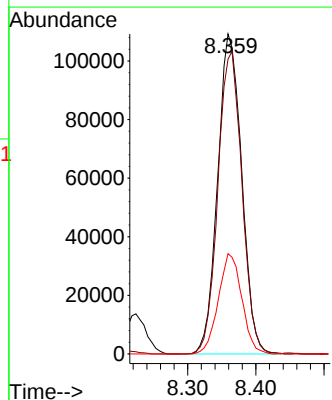
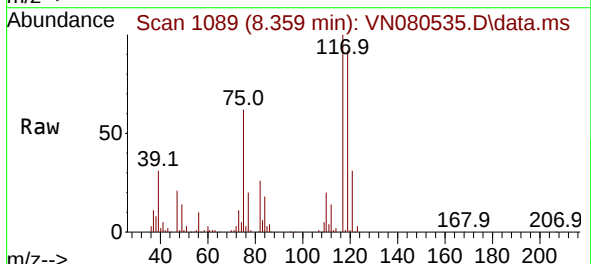
RT: 8.359 min Scan# 1089

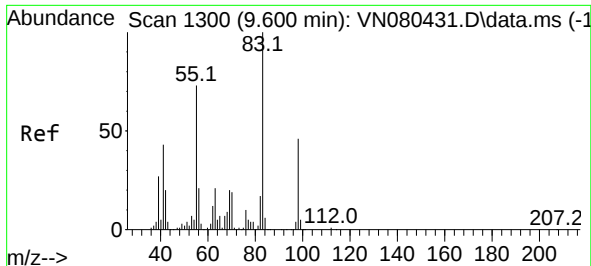
Delta R.T. 0.000 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

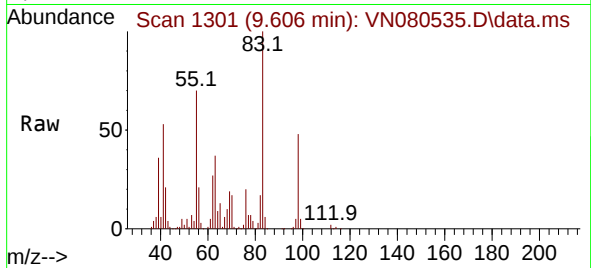
Tgt Ion:	117	Resp:	268002
Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.3	115.9
121	31.3	23.3	34.9





#39
Methylcyclohexane
Concen: 45.399 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

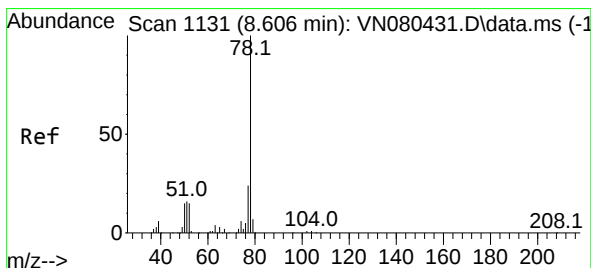
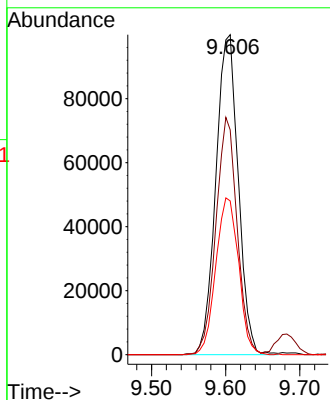
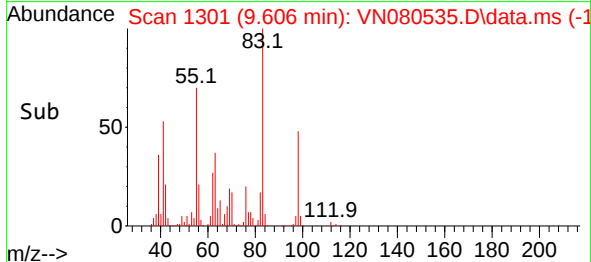
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 209764
Ion Ratio Lower Upper
83 100
55 70.3 49.1 73.7
98 48.1 40.6 61.0

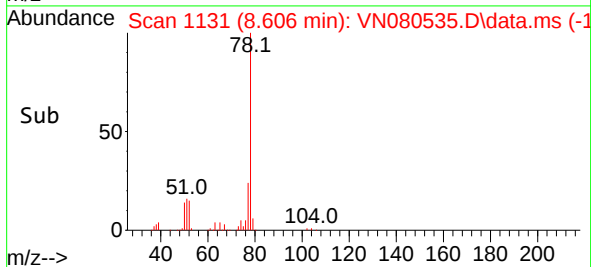
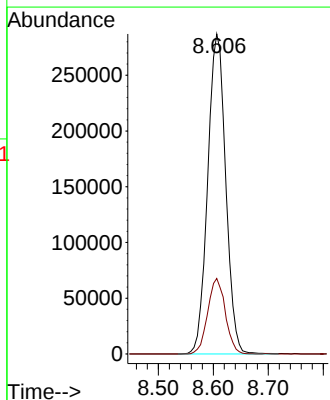
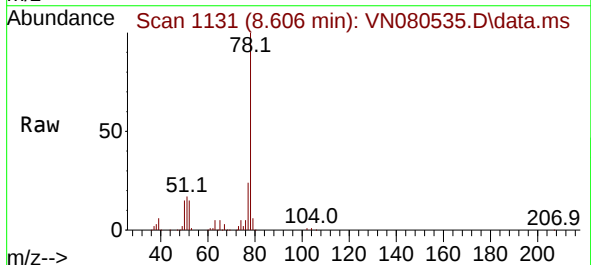
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#40
Benzene
Concen: 50.928 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

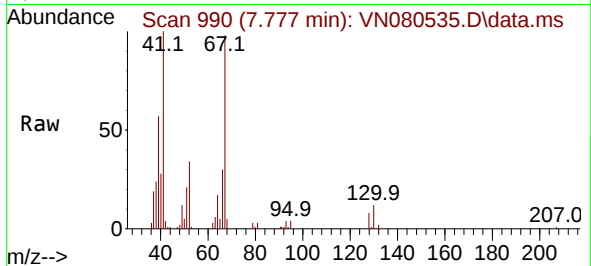
Tgt Ion: 78 Resp: 654085
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 51.859 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

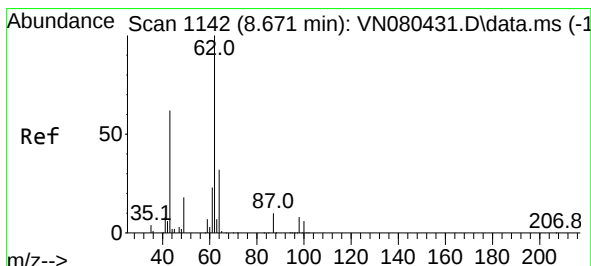
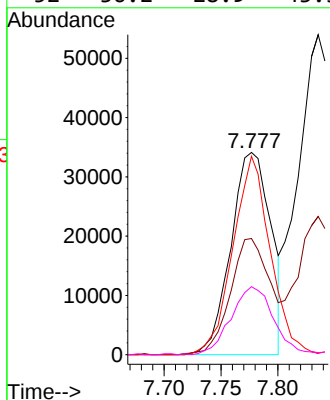
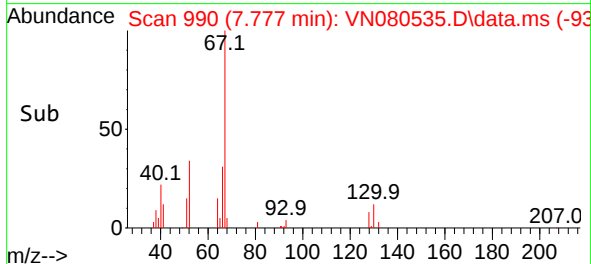
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 8326
Ion Ratio	Lower Upper
41	100
39	56.5 42.6 64.0
67	92.3 77.5 116.3
52	36.2 28.9 43.3

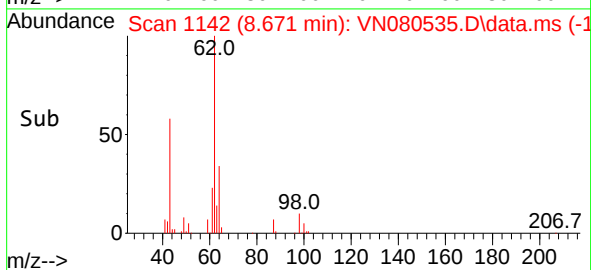
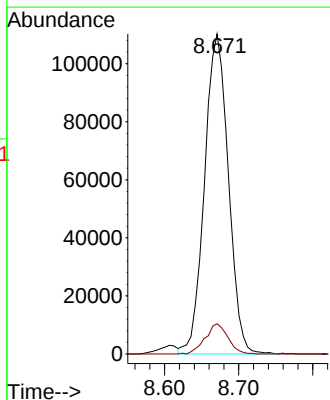
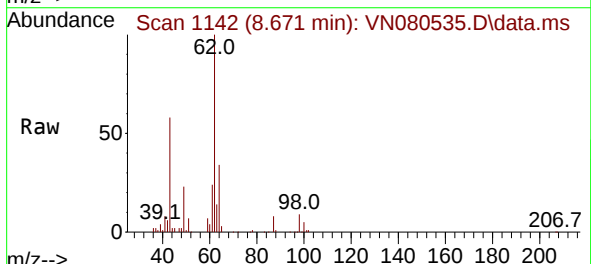
Manual Integrations
APPROVED

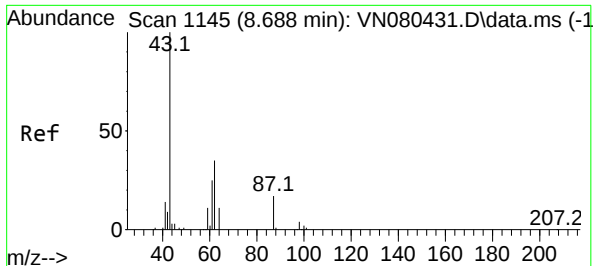
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#42
1,2-Dichloroethane
Concen: 51.834 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

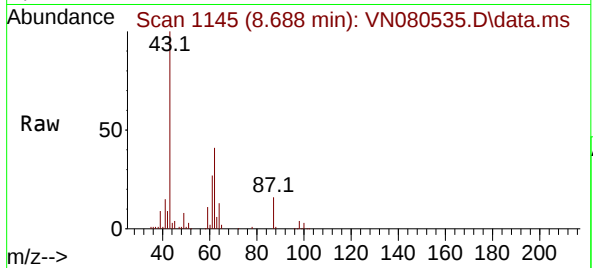
Tgt Ion: 62	Resp: 246525
Ion Ratio	Lower Upper
62	100
98	8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 53.970 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

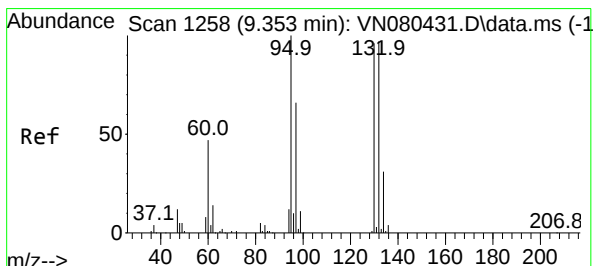
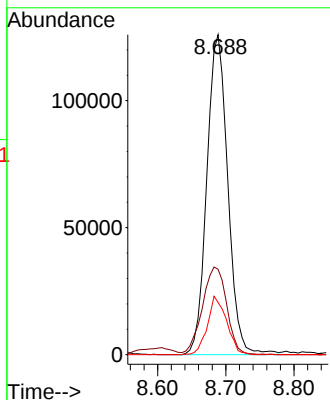
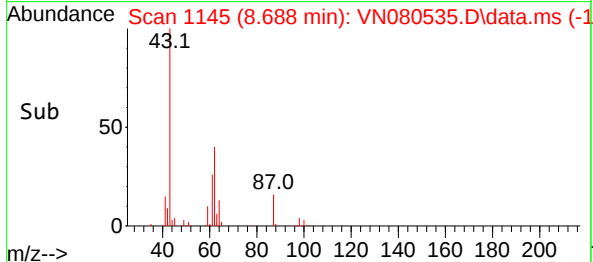
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



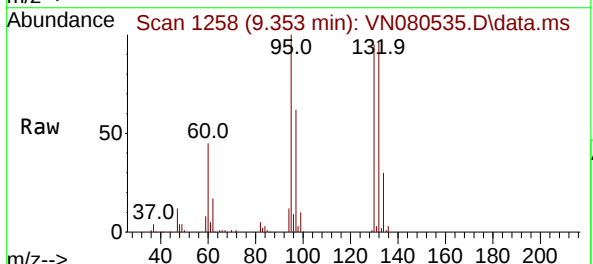
Tgt Ion: 43 Resp: 270272
Ion Ratio Lower Upper
43 100
61 31.7 24.7 37.1
87 16.7 14.6 21.8

Manual Integrations
APPROVED

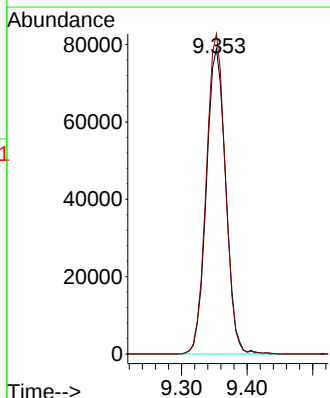
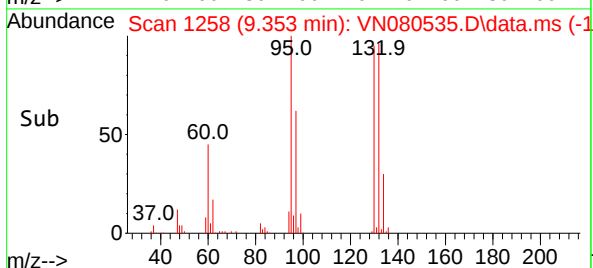
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

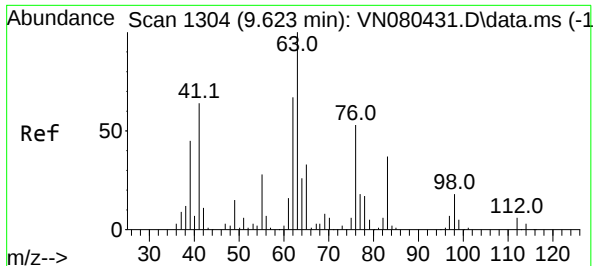


#44
Trichloroethene
Concen: 46.658 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion:130 Resp: 161548
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.6





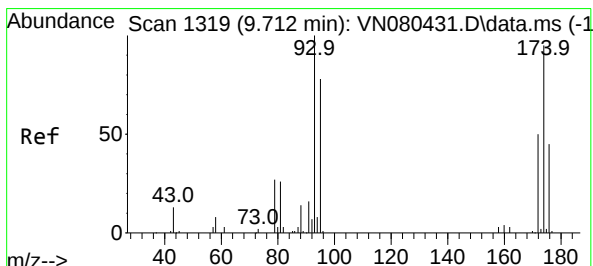
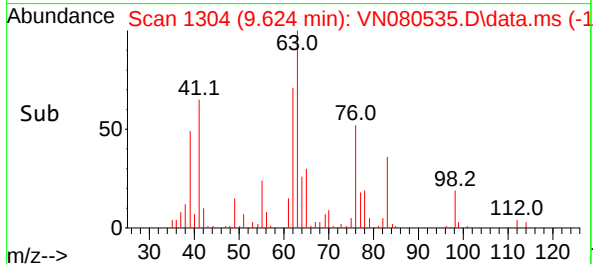
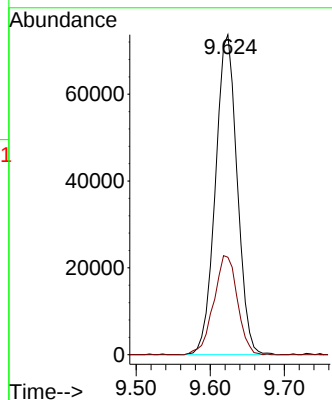
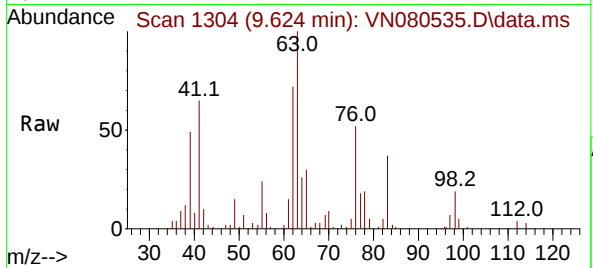
#45
1,2-Dichloropropane
Concen: 49.758 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 15009
Ion Ratio Lower Upper
63 100
65 30.5 23.9 35.9

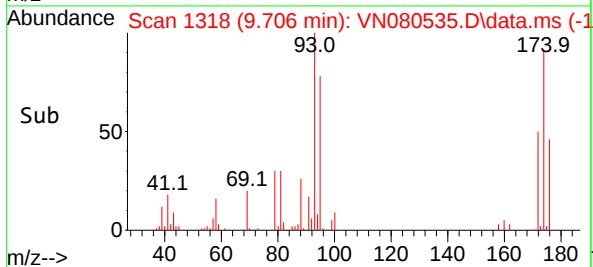
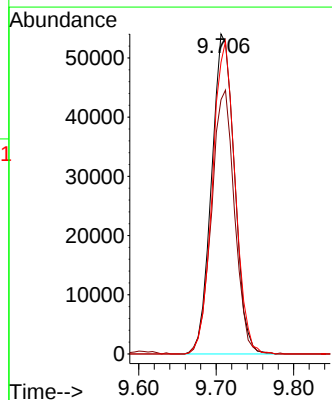
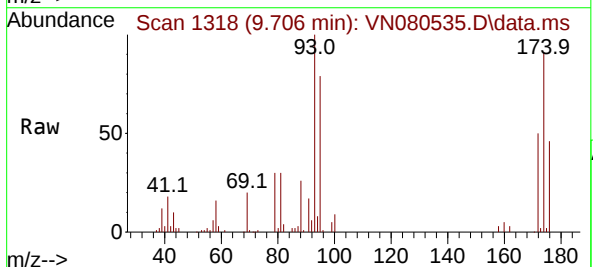
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#46
Dibromomethane
Concen: 51.353 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

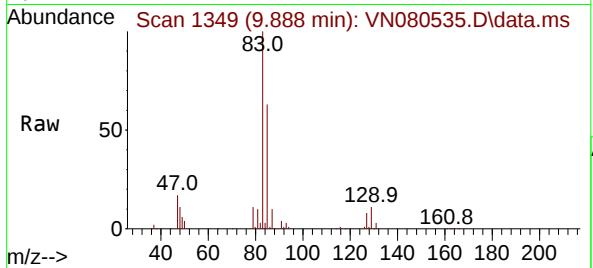
Tgt Ion: 93 Resp: 111245
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 96.5 65.6 98.4





#47
Bromodichloromethane
Concen: 53.377 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

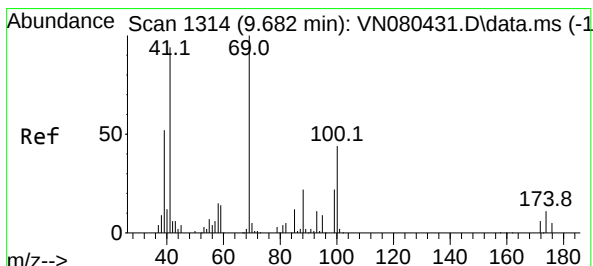
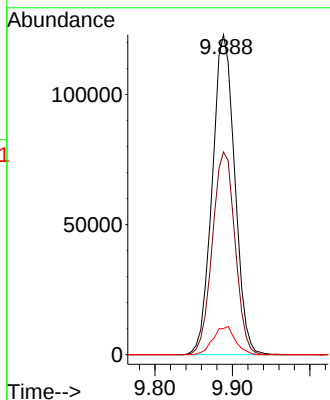
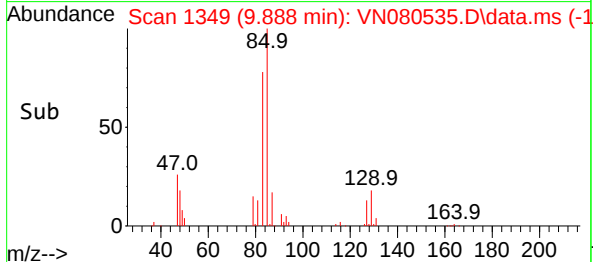
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



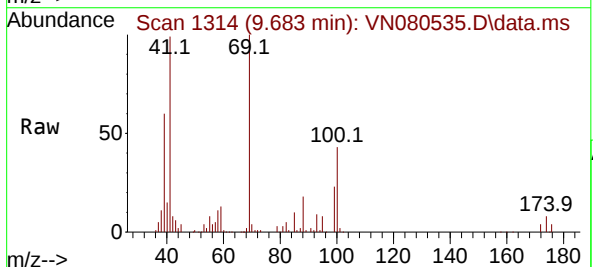
Tgt Ion: 83 Resp: 247814
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4
127 8.2 7.0 10.6

Manual Integrations
APPROVED

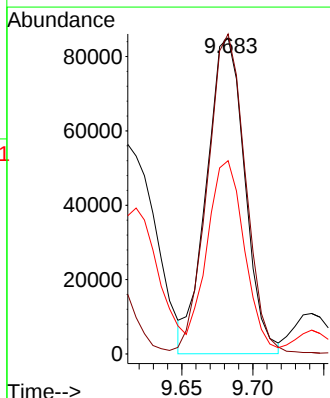
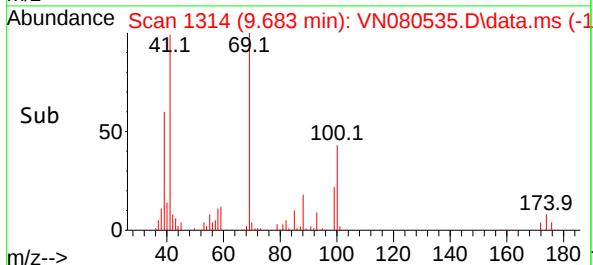
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

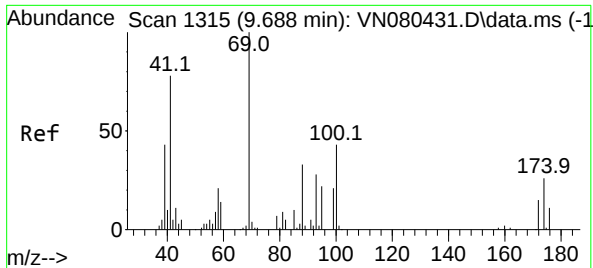


#48
Methyl methacrylate
Concen: 53.284 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion: 41 Resp: 159234
Ion Ratio Lower Upper
41 100
69 101.3 90.4 135.6
39 60.1 54.6 81.8





#49

1,4-Dioxane

Concen: 964.603 ug/l

RT: 9.694 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4369

Ion Ratio Lower Upper

88 100

43 25.7 17.0 25.6

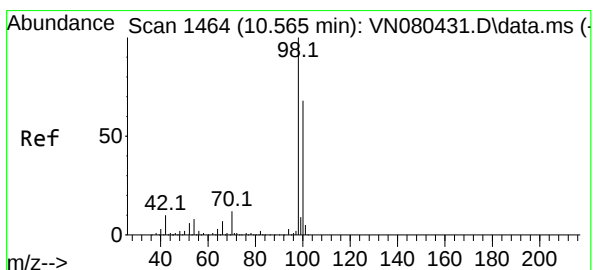
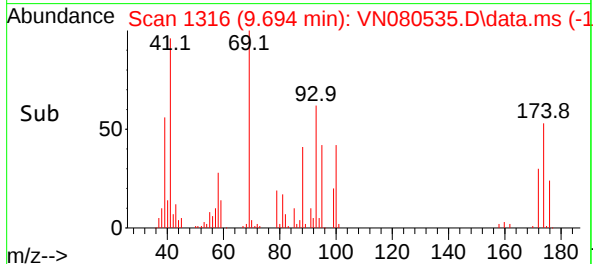
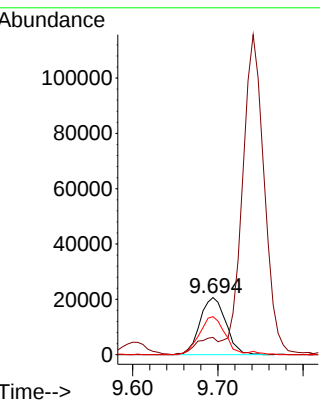
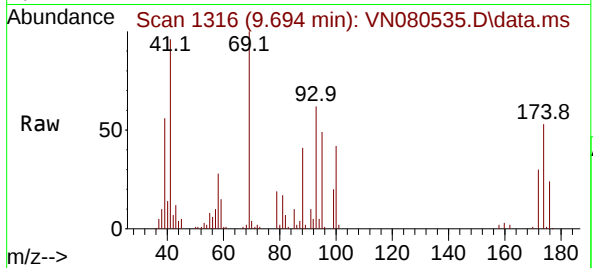
58 65.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#50

Toluene-d8

Concen: 53.354 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080535.D

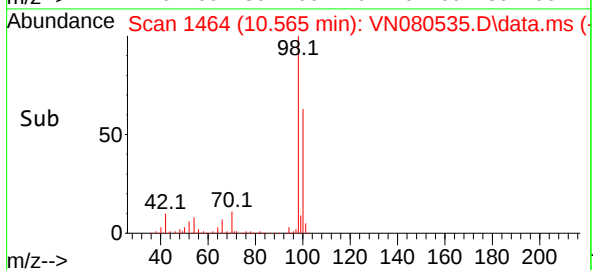
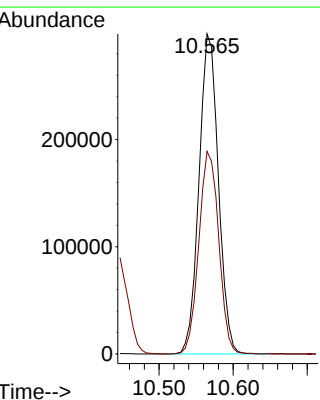
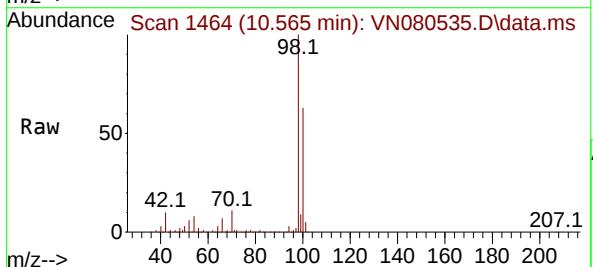
Acq: 19 Dec 2023 21:29

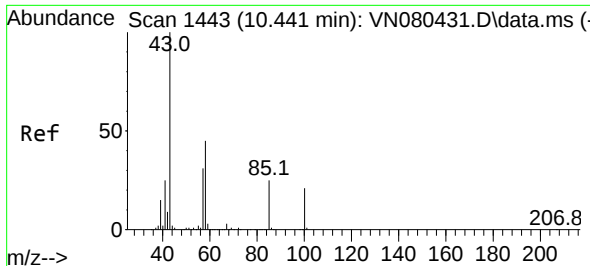
Tgt Ion: 98 Resp: 541275

Ion Ratio Lower Upper

98 100

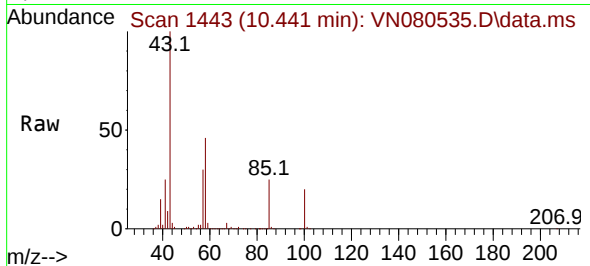
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 278.746 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

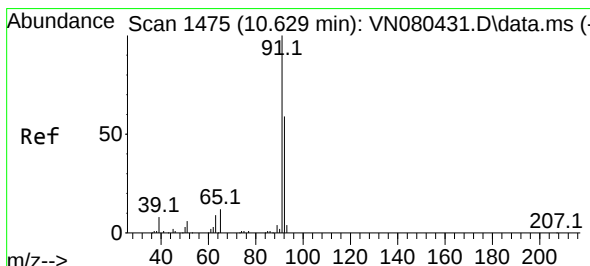
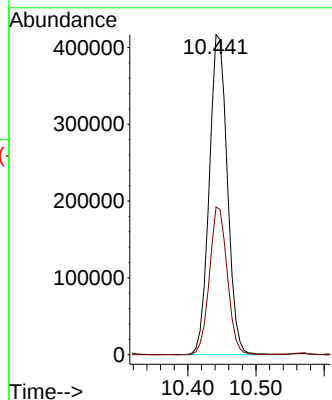
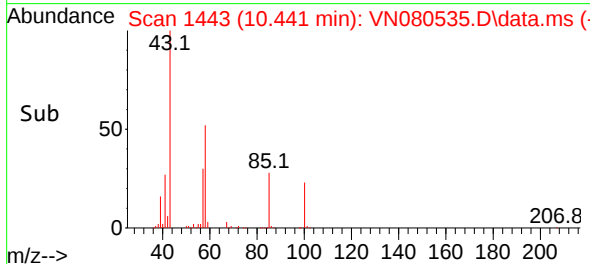
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



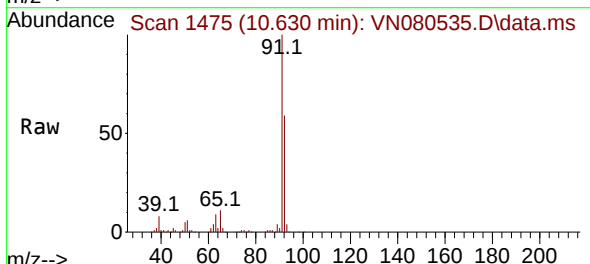
Tgt Ion: 43 Resp: 76878
Ion Ratio Lower Upper
43 100
58 45.5 36.6 54.8

Manual Integrations
APPROVED

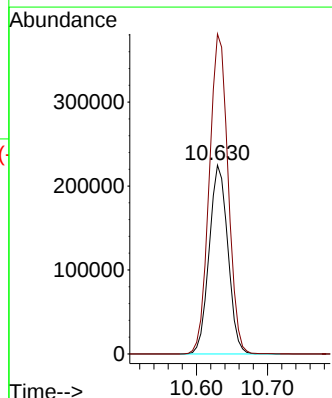
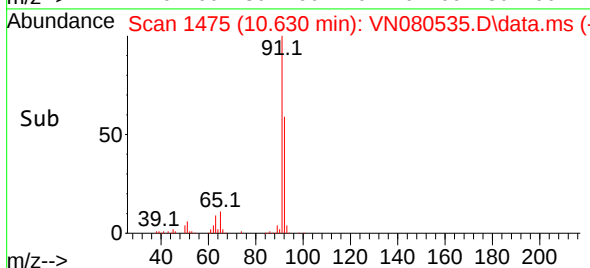
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

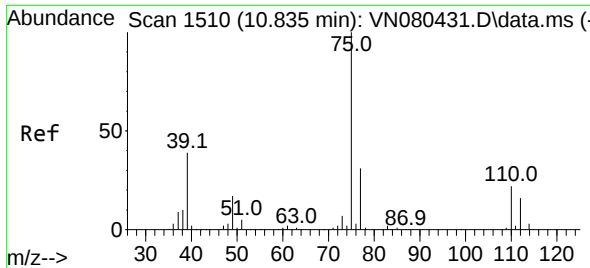


#52
Toluene
Concen: 50.588 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion: 92 Resp: 410452
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.323 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

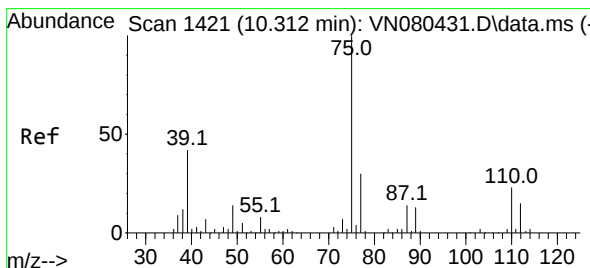
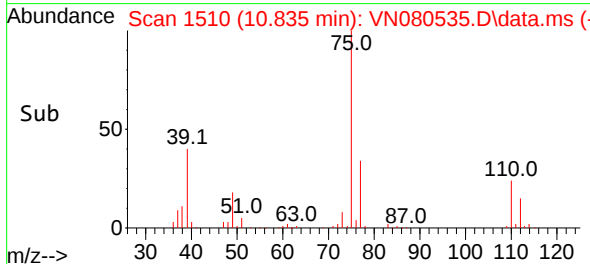
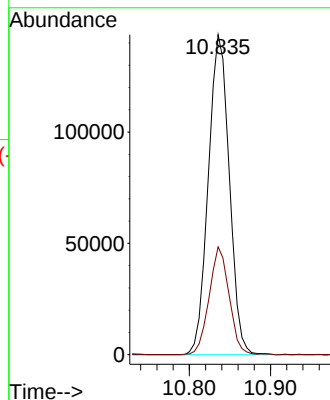
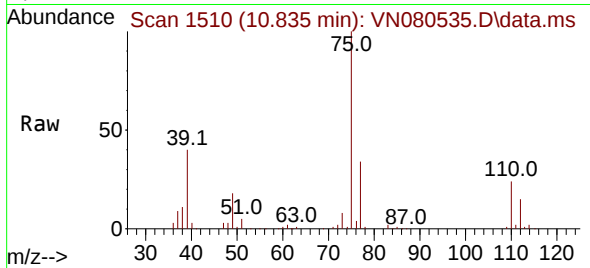
VSTDCCC050EC

Tgt Ion: 75 Resp: 257800
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0

Manual Integrations

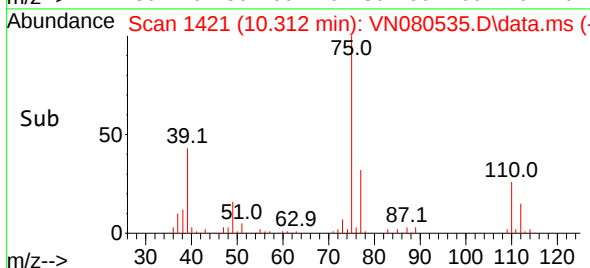
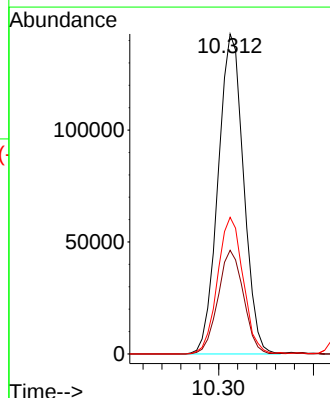
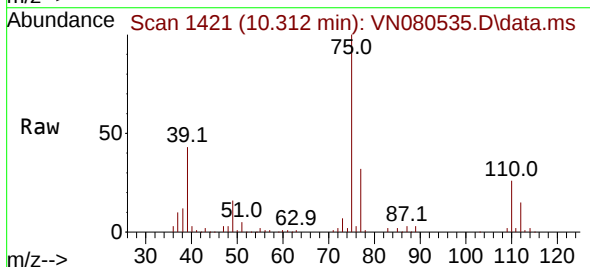
APPROVED

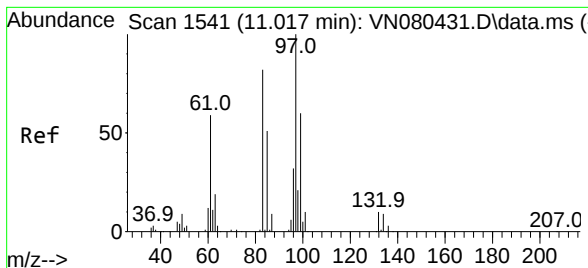
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#54
cis-1,3-Dichloropropene
Concen: 49.782 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

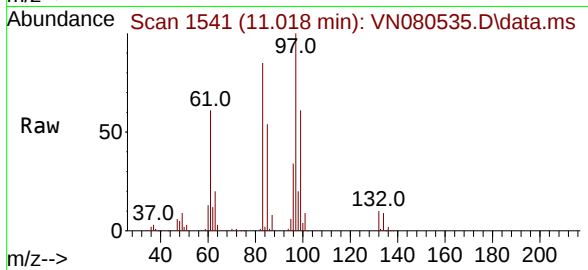
Tgt Ion: 75 Resp: 267281
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 42.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.903 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

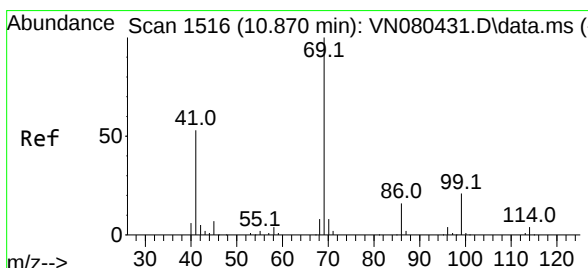
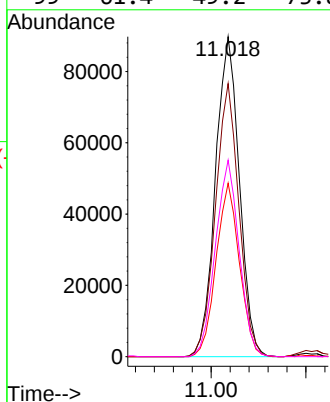
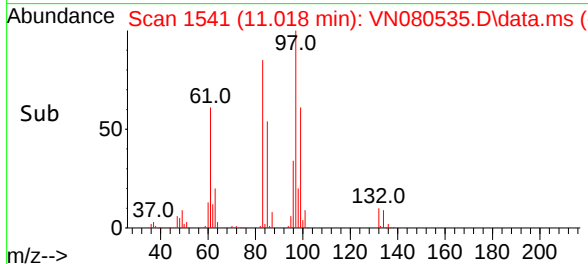
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



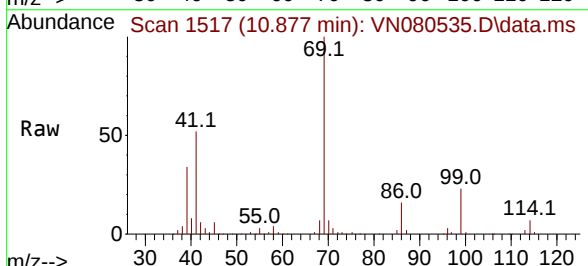
Tgt Ion: 97 Resp: 157360
Ion Ratio Lower Upper
97 100
83 85.3 65.1 97.7
85 54.2 43.4 65.2
99 61.4 49.2 73.8

Manual Integrations
APPROVED

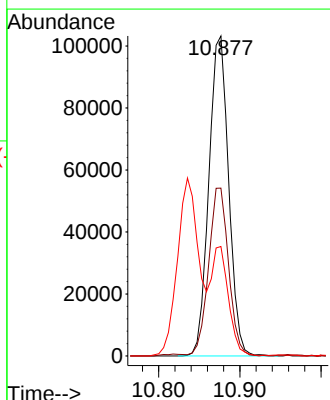
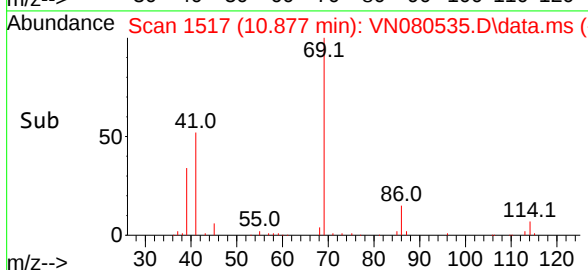
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

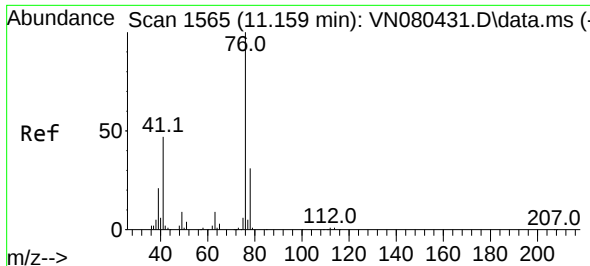


#56
Ethyl methacrylate
Concen: 54.019 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion: 69 Resp: 174601
Ion Ratio Lower Upper
69 100
41 53.1 39.6 59.4
39 29.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 52.416 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 268254

Ion Ratio Lower Upper

76 100

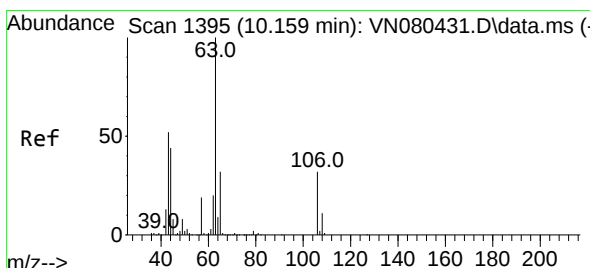
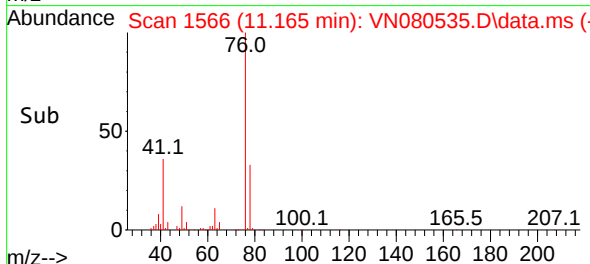
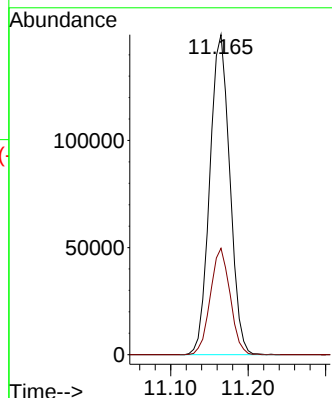
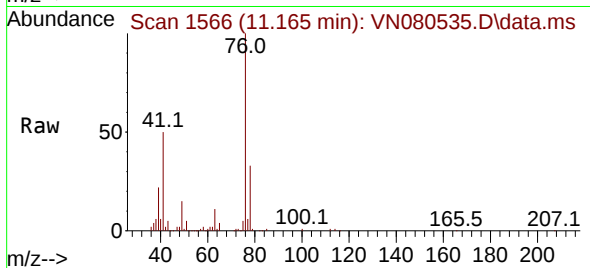
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.474 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080535.D

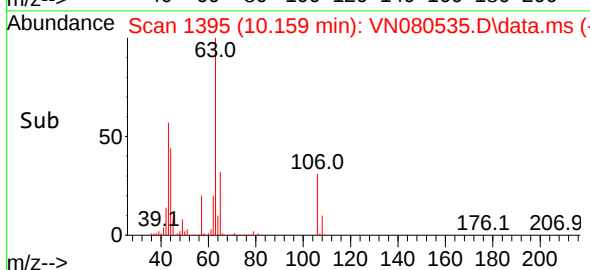
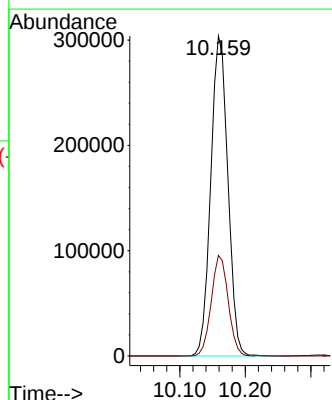
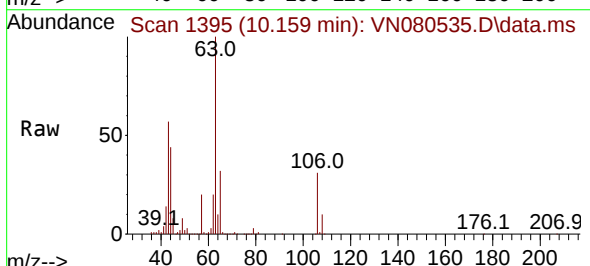
Acq: 19 Dec 2023 21:29

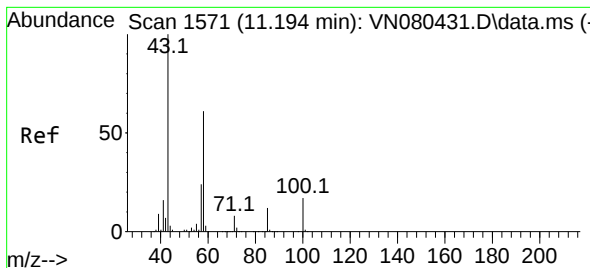
Tgt Ion: 63 Resp: 549863

Ion Ratio Lower Upper

63 100

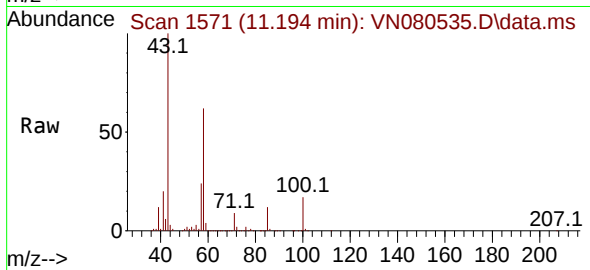
106 31.0 26.2 39.4





#59
2-Hexanone
Concen: 274.375 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

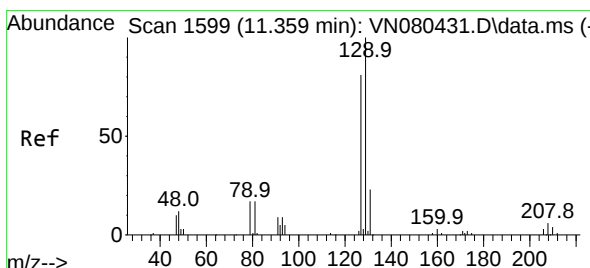
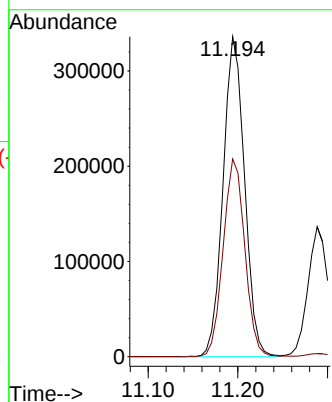
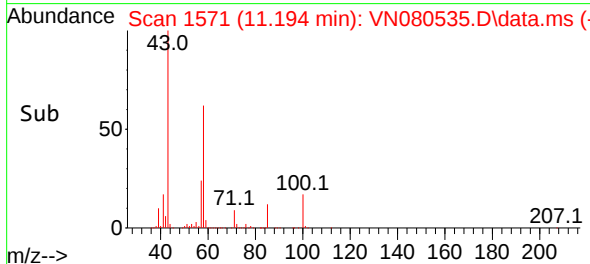
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 558649
Ion Ratio Lower Upper
43 100
58 62.3 31.7 95.1

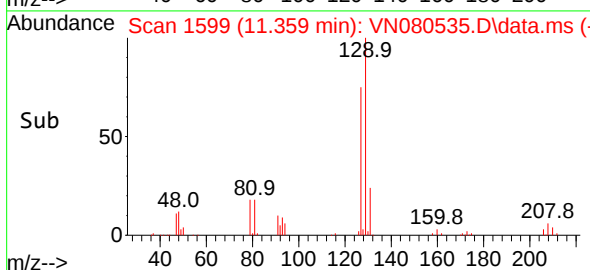
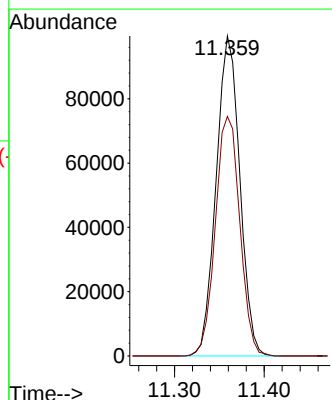
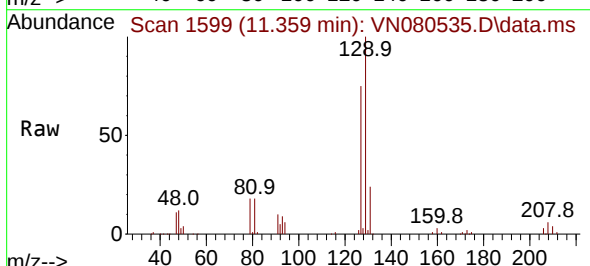
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#60
Dibromochloromethane
Concen: 52.766 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

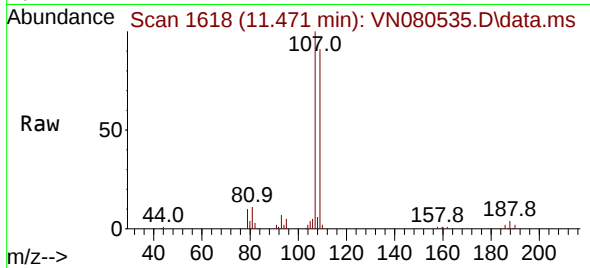
Tgt Ion:129 Resp: 182541
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.364 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

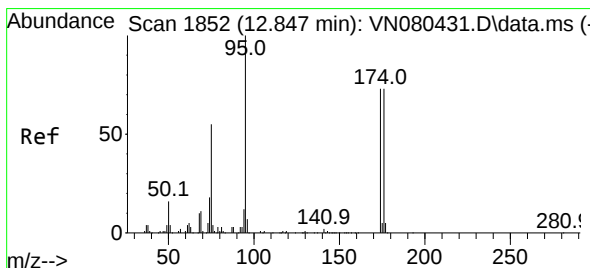
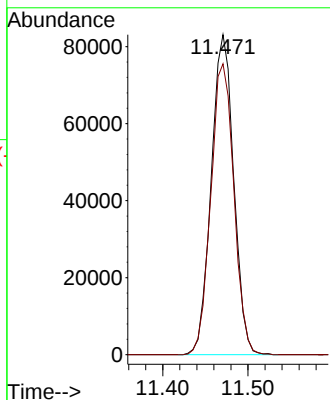
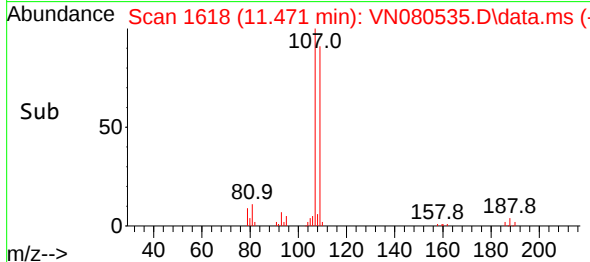
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



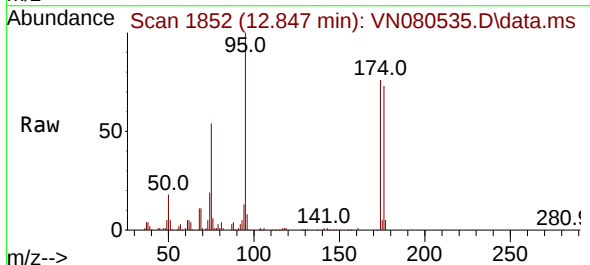
Tgt Ion:107 Resp: 152179
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

Manual Integrations
APPROVED

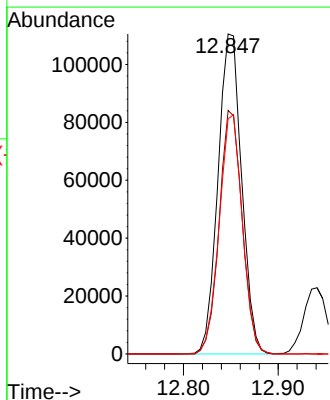
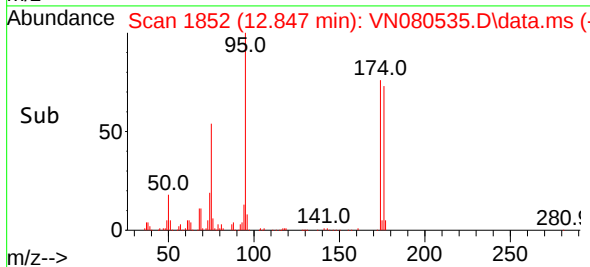
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

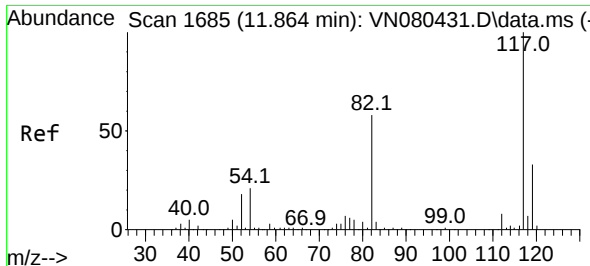


#62
4-Bromofluorobenzene
Concen: 49.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



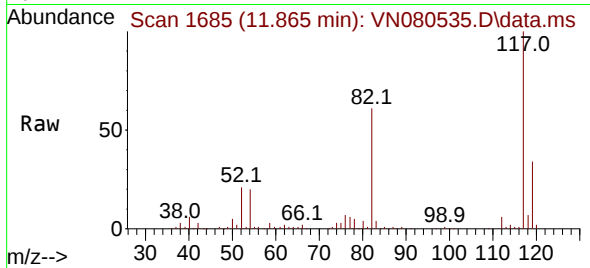
Tgt Ion: 95 Resp: 192261
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

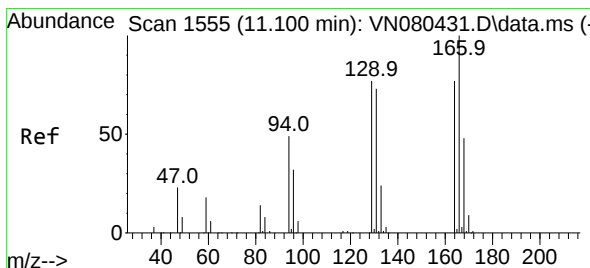
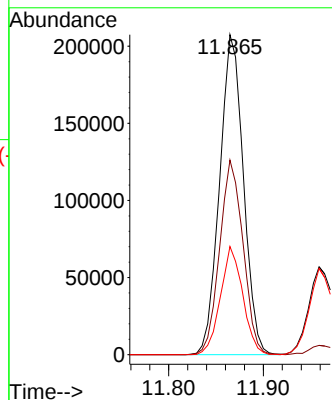
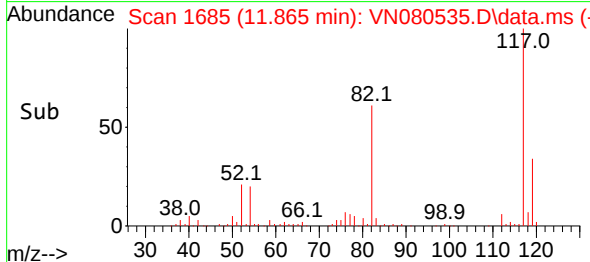
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 362468
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 33.8 25.6 38.4

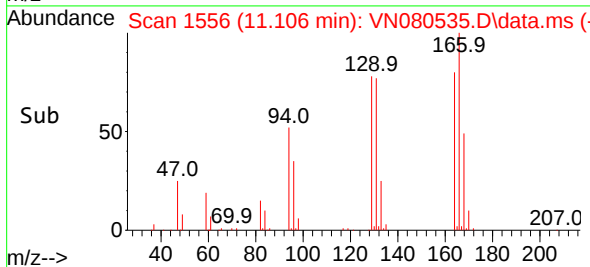
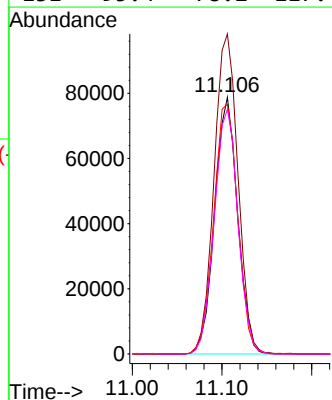
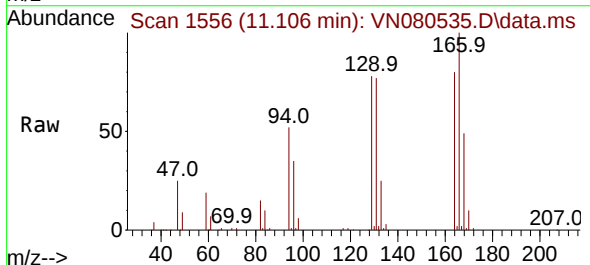
Manual Integrations
APPROVED

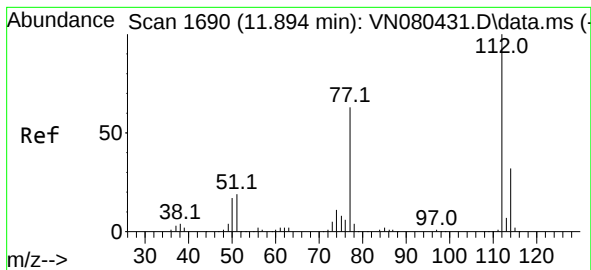
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#64
Tetrachloroethene
Concen: 50.116 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Tgt Ion:164 Resp: 140255
Ion Ratio Lower Upper
164 100
166 124.7 101.4 152.0
129 97.2 82.4 123.6
131 95.4 78.2 117.4





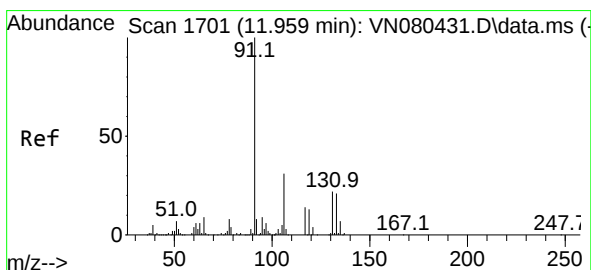
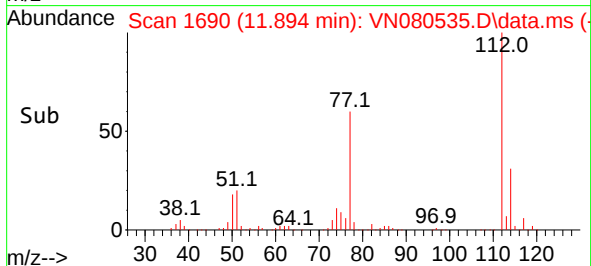
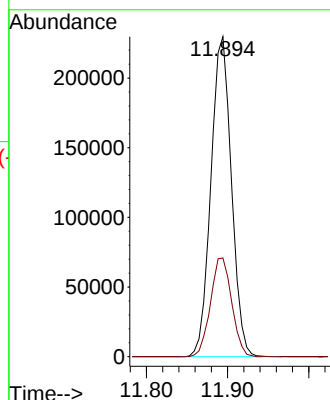
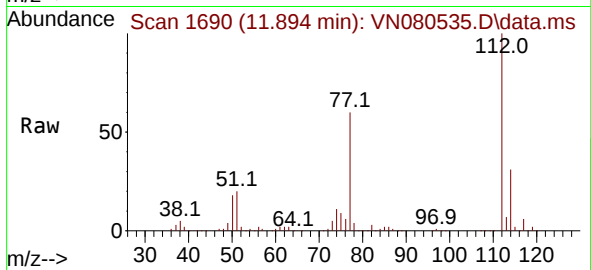
#65
Chlorobenzene
Concen: 49.920 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 40251
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4

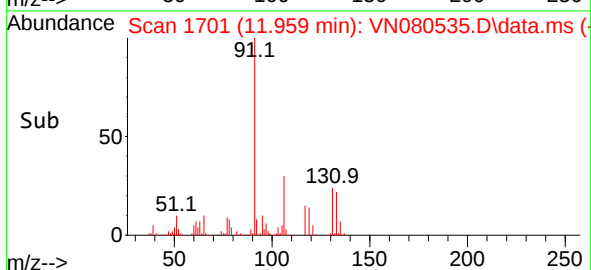
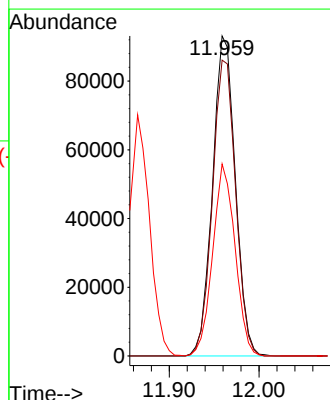
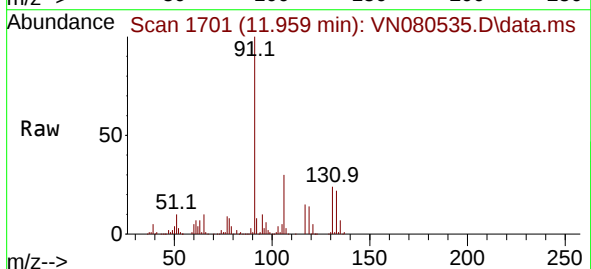
Manual Integrations
APPROVED

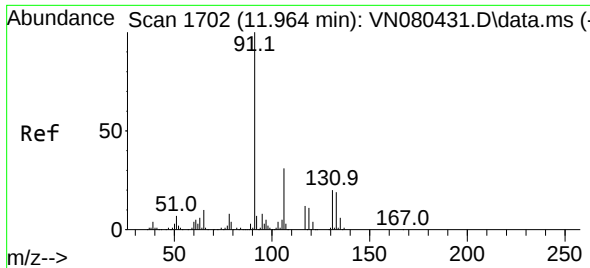
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.996 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

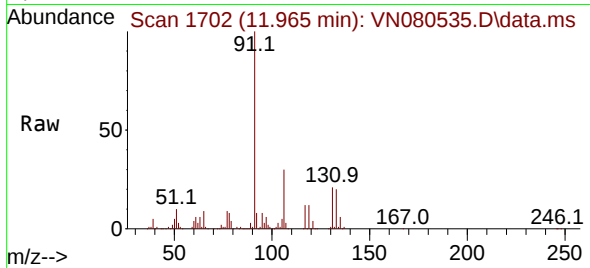
Tgt Ion:131 Resp: 164508
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 58.8 34.1 102.2





#67
Ethyl Benzene
Concen: 49.807 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

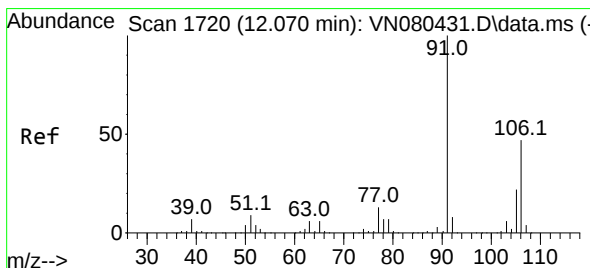
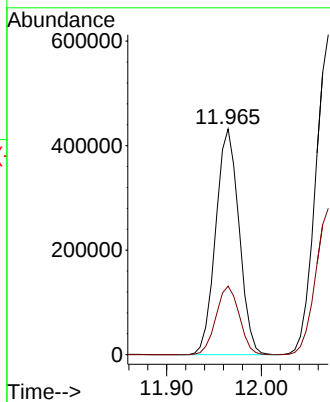
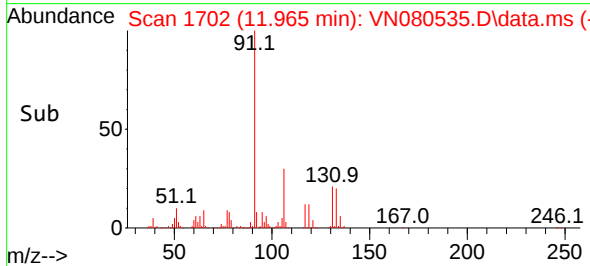
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



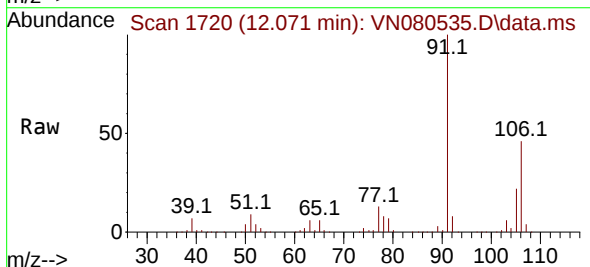
Tgt Ion: 91 Resp: 738438
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

Manual Integrations
APPROVED

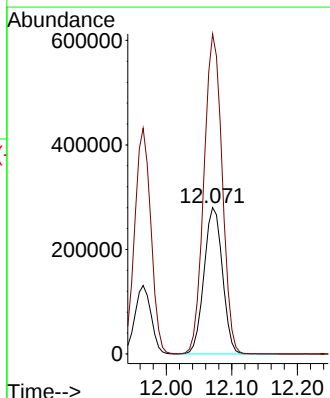
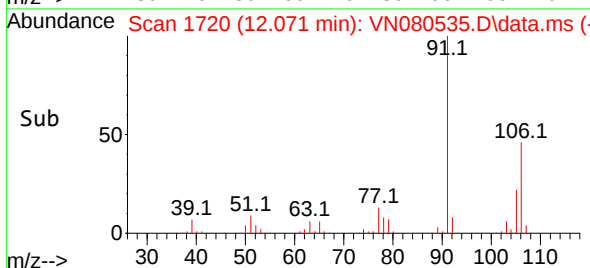
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

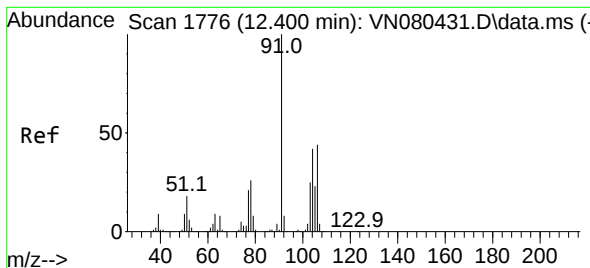


#68
m/p-Xylenes
Concen: 99.895 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion:106 Resp: 547286
Ion Ratio Lower Upper
106 100
91 216.4 159.6 239.4





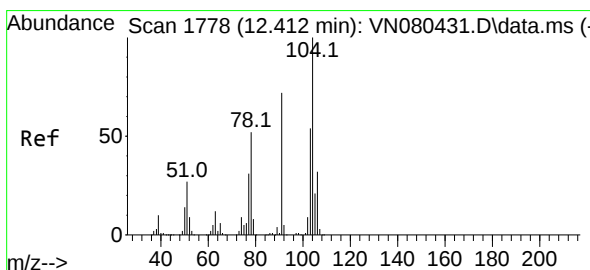
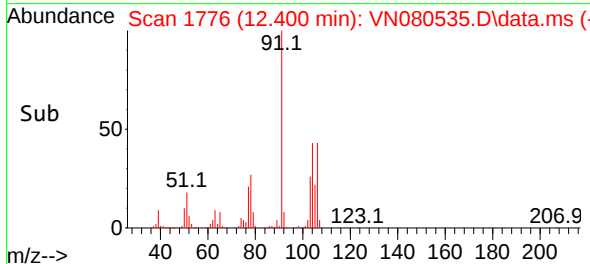
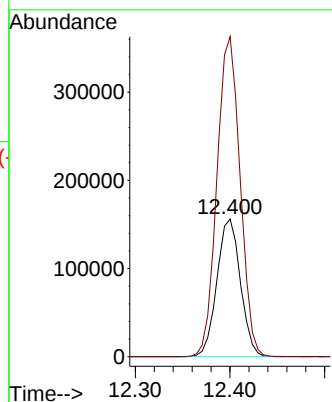
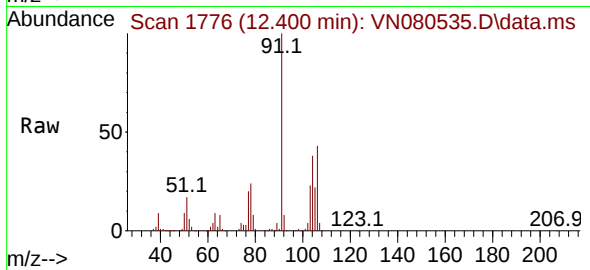
#69
o-Xylene
Concen: 50.104 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 268492
Ion Ratio Lower Upper
106 100
91 230.0 105.2 315.5

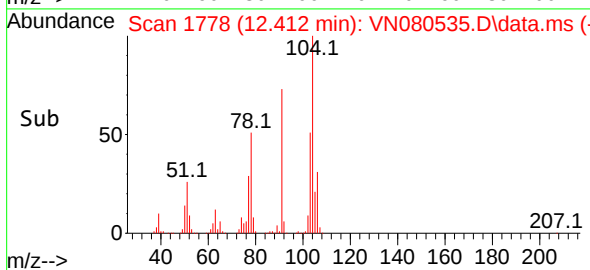
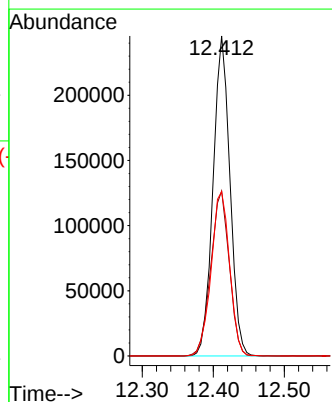
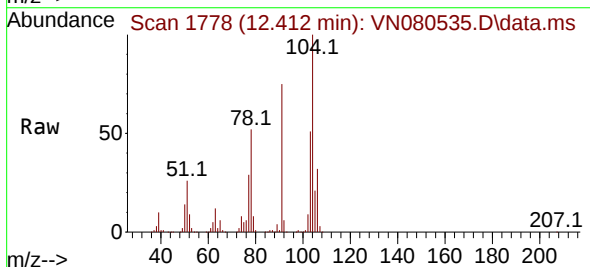
Manual Integrations
APPROVED

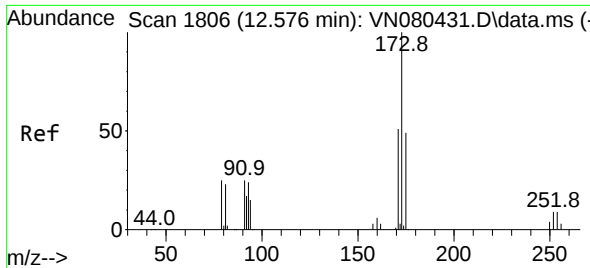
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#70
Styrene
Concen: 52.505 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

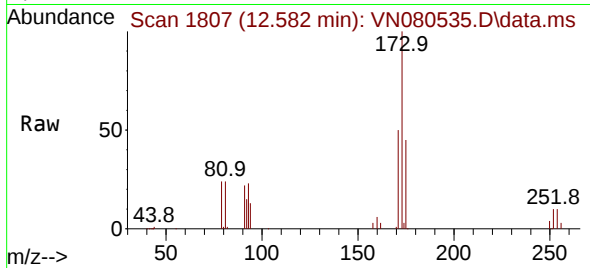
Tgt Ion:104 Resp: 405278
Ion Ratio Lower Upper
104 100
78 56.4 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 51.803 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

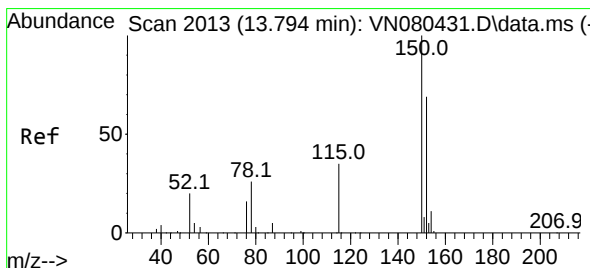
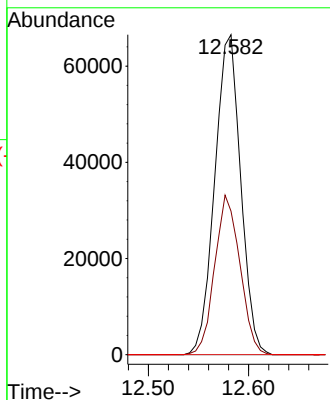
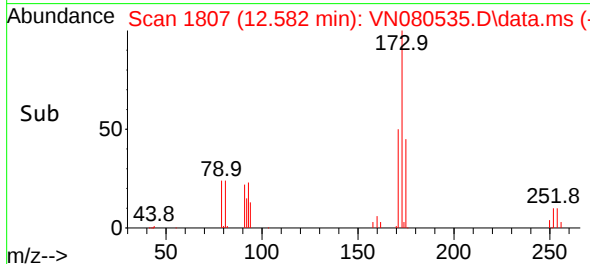
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 11952
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

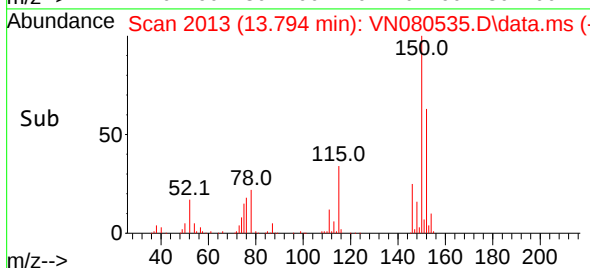
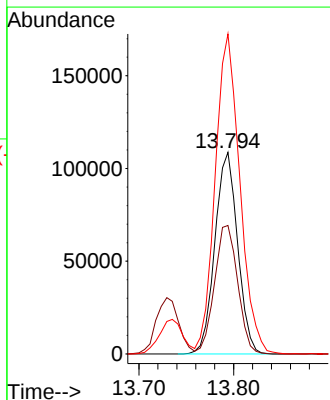
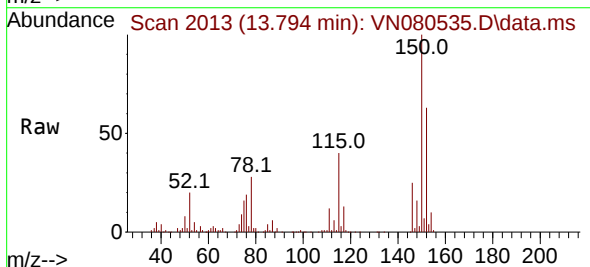
Manual Integrations
APPROVED

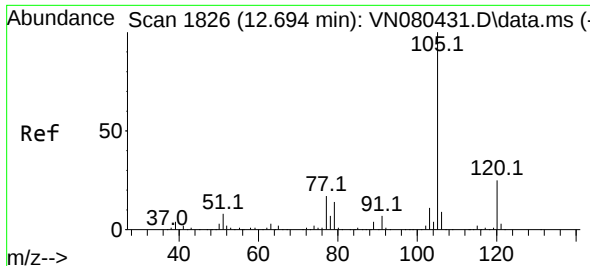
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

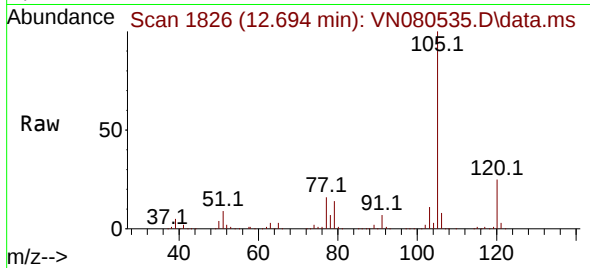
Tgt Ion:152 Resp: 181080
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 172.5 0.0 355.8





#73
Isopropylbenzene
Concen: 48.556 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

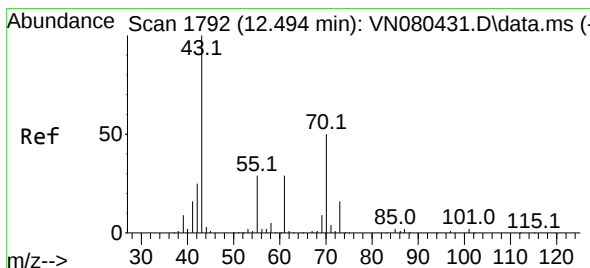
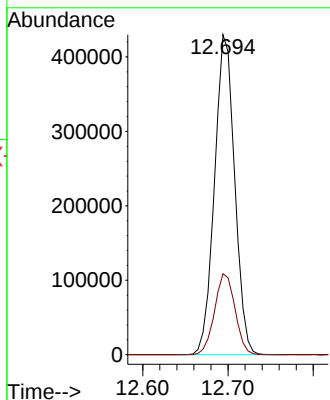
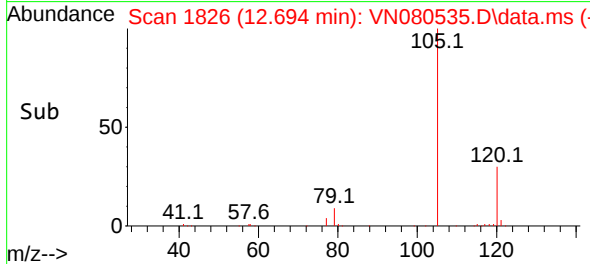
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



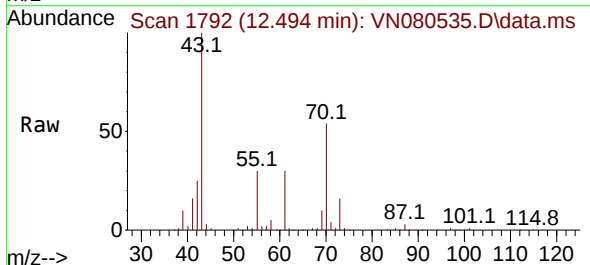
Tgt Ion:105 Resp: 70631
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

Manual Integrations
APPROVED

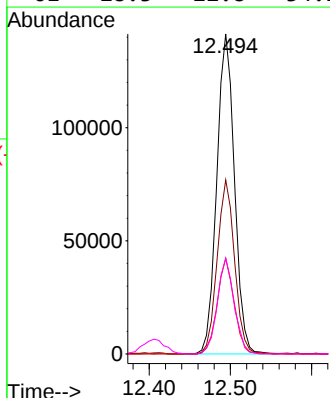
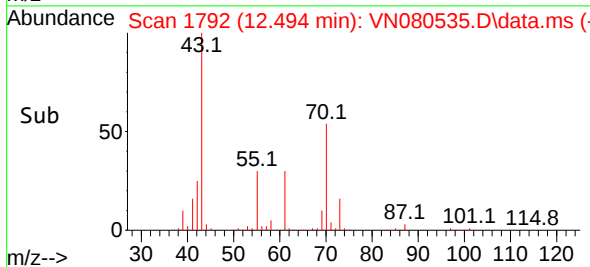
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

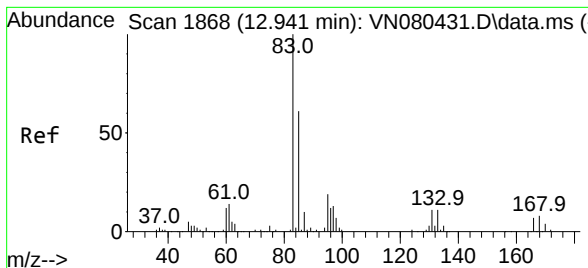


#74
N-ethyl acetate
Concen: 50.517 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



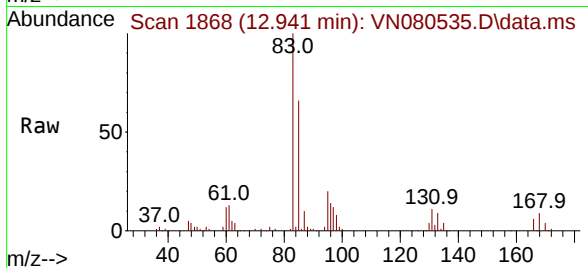
Tgt Ion: 43 Resp: 214589
Ion Ratio Lower Upper
43 100
70 53.4 43.4 65.2
55 28.7 21.4 32.0
61 28.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.706 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

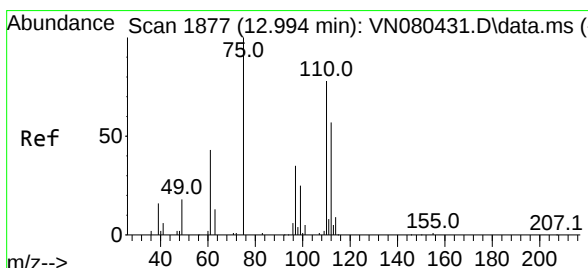
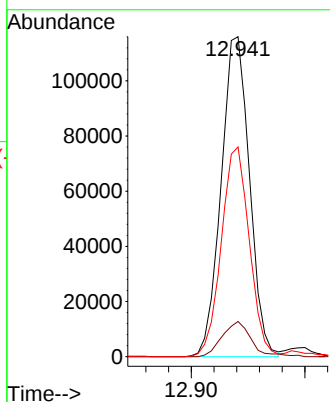
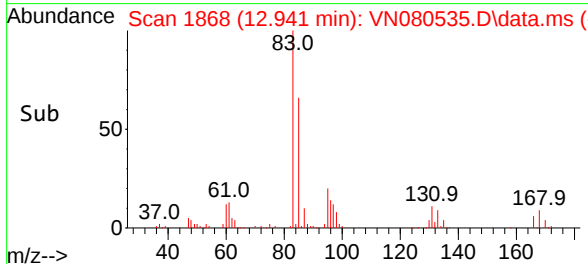
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



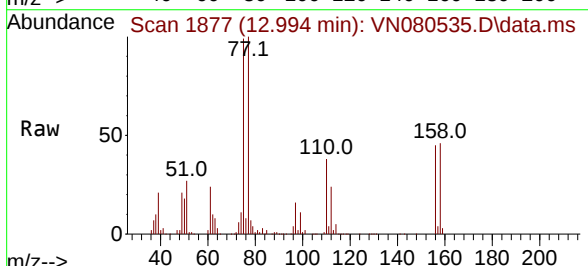
Tgt Ion: 83 Resp: 20154
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 64.6 31.9 95.7

Manual Integrations
APPROVED

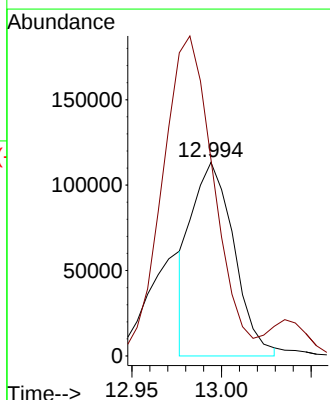
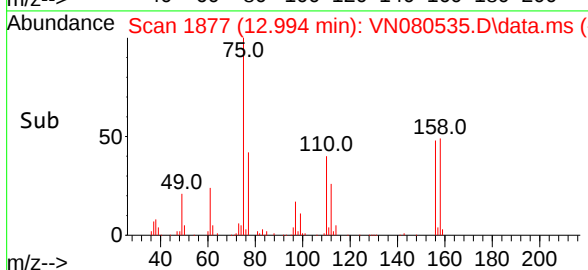
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

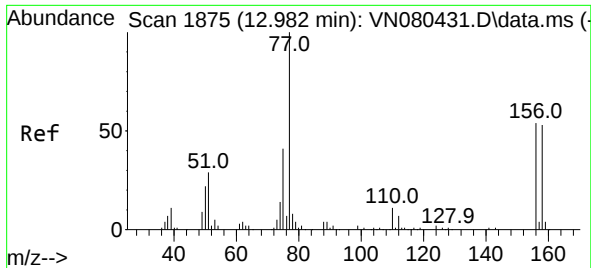


#76
1,2,3-Trichloropropane
Concen: 51.448 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



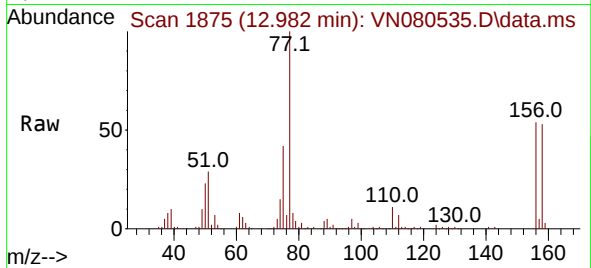
Tgt Ion: 75 Resp: 185854
Ion Ratio Lower Upper
75 100
77 200.4 84.5 253.5





#77
Bromobenzene
Concen: 49.151 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

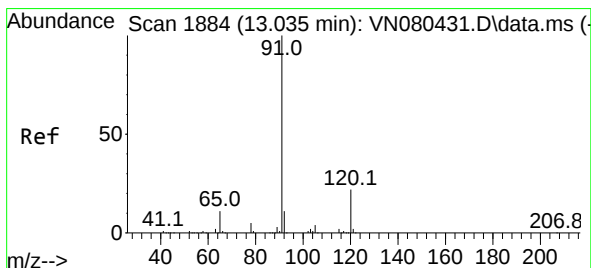
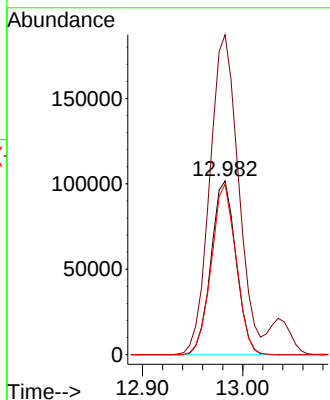
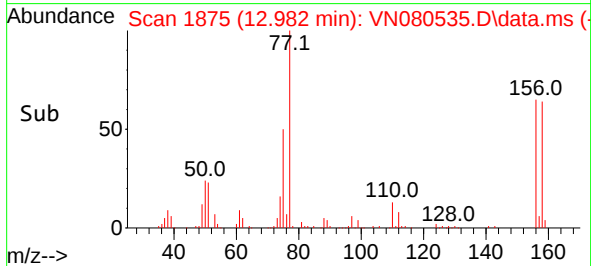
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



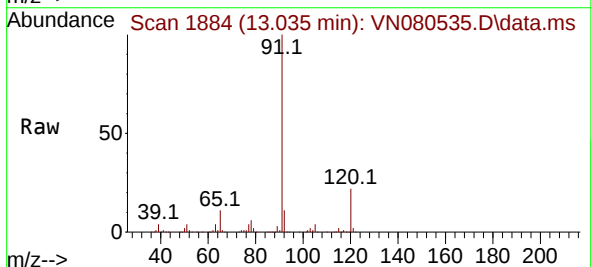
Tgt Ion:156 Resp: 175884
Ion Ratio Lower Upper
156 100
77 211.8 107.7 323.3
158 97.1 48.4 145.3

Manual Integrations
APPROVED

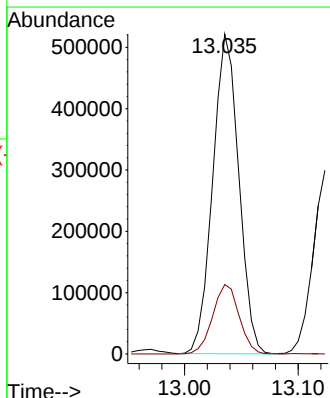
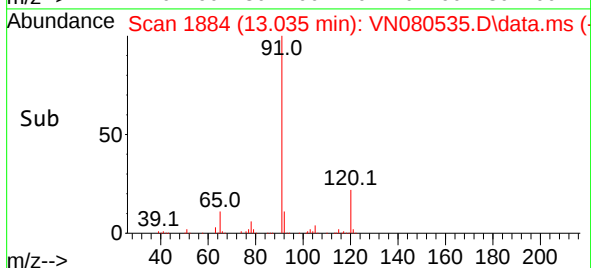
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

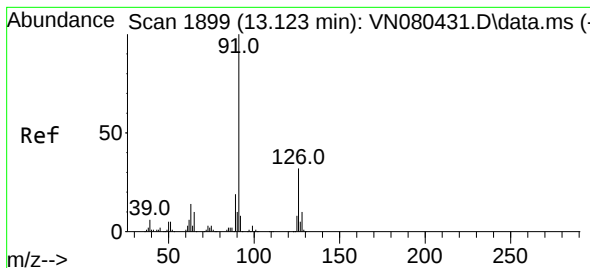


#78
n-propylbenzene
Concen: 51.688 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



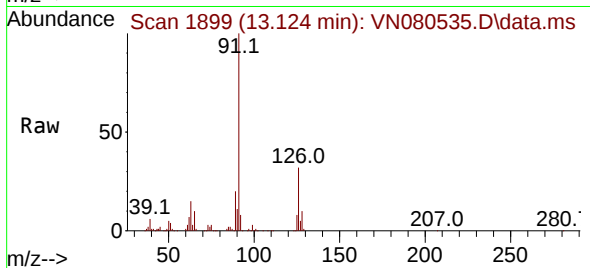
Tgt Ion: 91 Resp: 829008
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.868 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

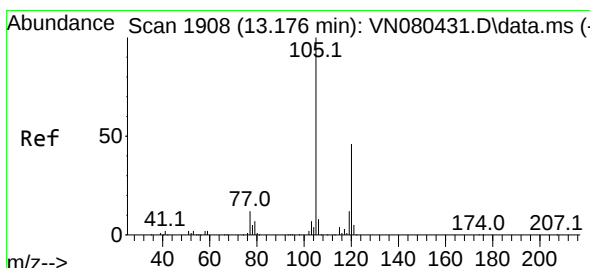
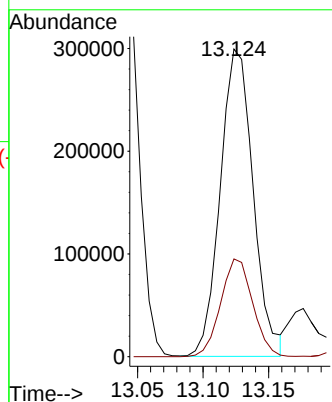
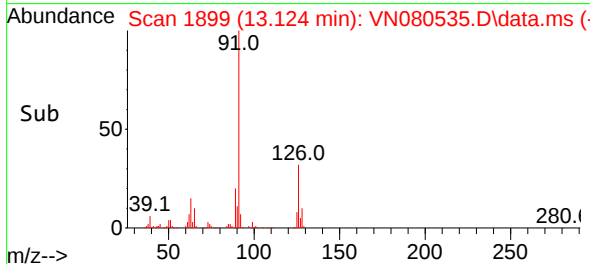
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



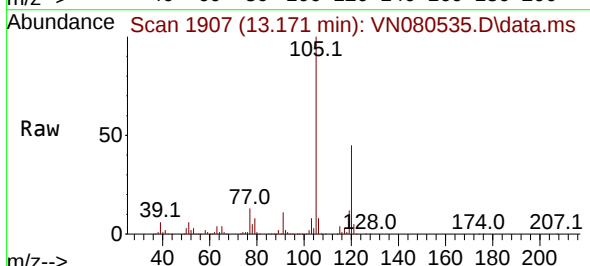
Tgt Ion: 91 Resp: 522164
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8

Manual Integrations
APPROVED

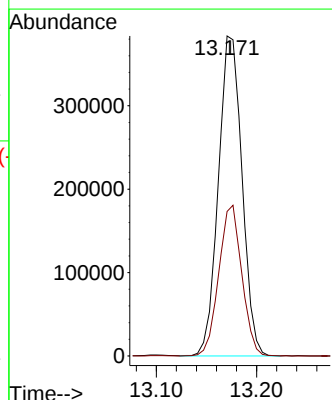
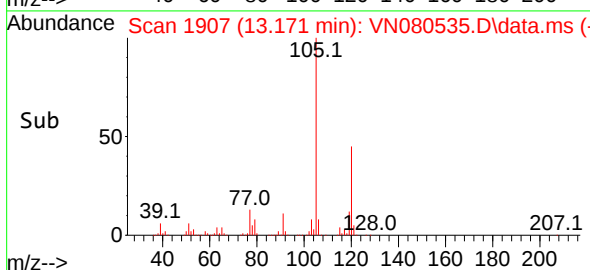
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

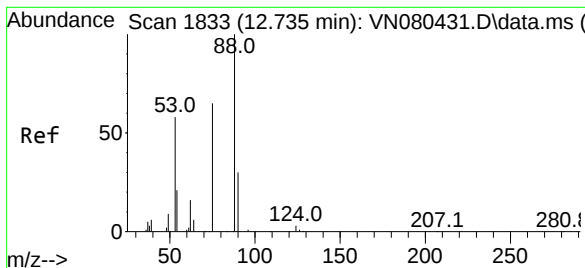


#80
1,3,5-Trimethylbenzene
Concen: 50.103 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



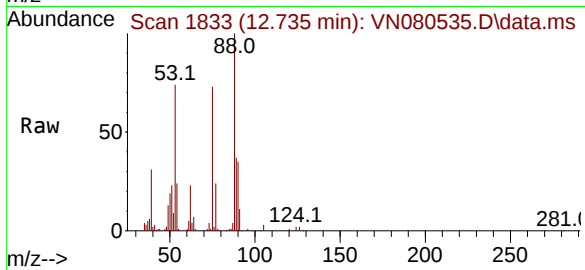
Tgt Ion:105 Resp: 627700
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.429 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

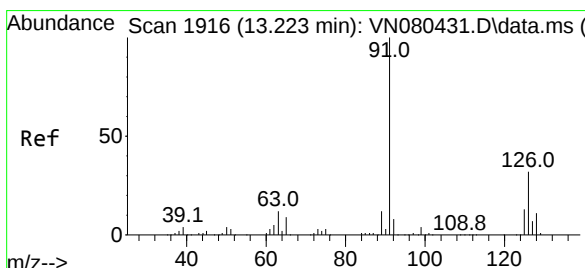
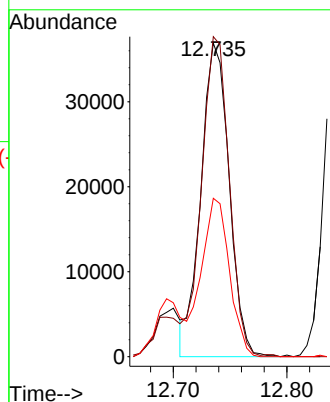
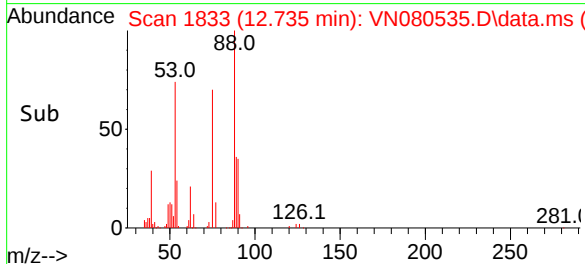
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



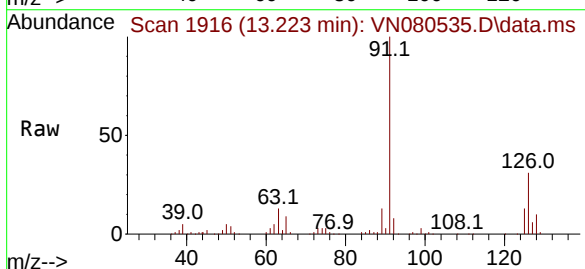
Tgt Ion: 75 Resp: 6388
Ion Ratio Lower Upper
75 100
53 100.4 67.4 101.2
89 49.6 38.8 58.2

Manual Integrations
APPROVED

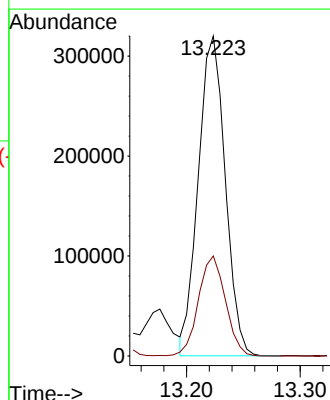
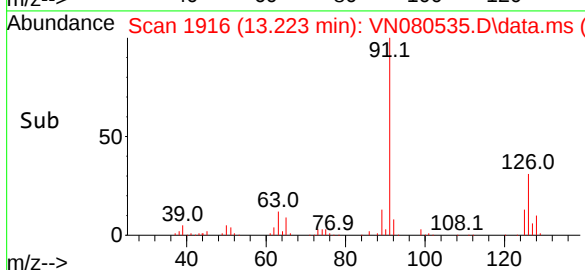
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

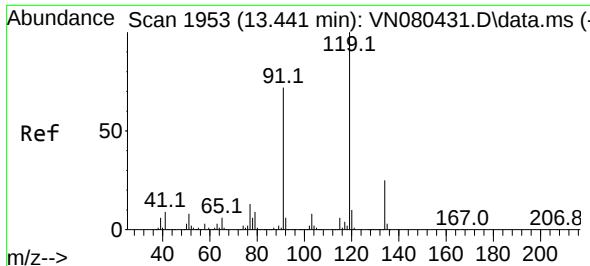


#82
4-Chlorotoluene
Concen: 49.015 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



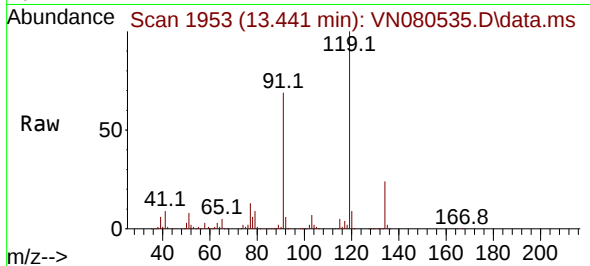
Tgt Ion: 91 Resp: 527536
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 50.534 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

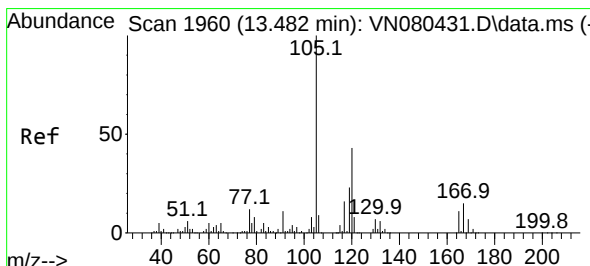
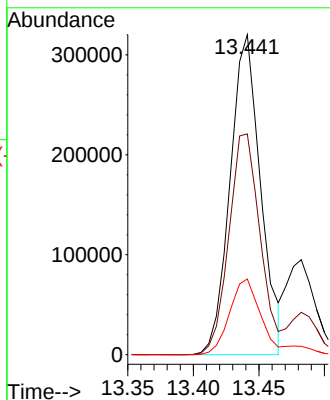
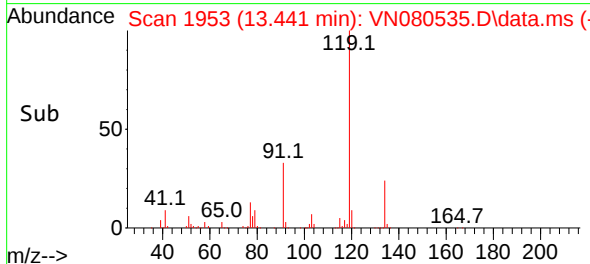
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



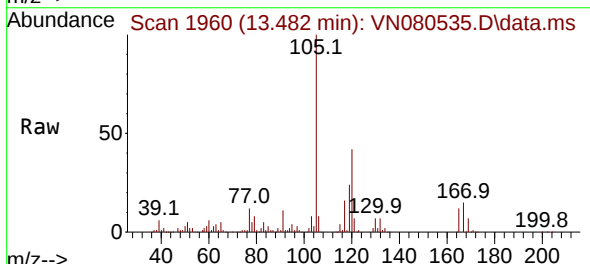
Tgt Ion:119 Resp: 51849
Ion Ratio Lower Upper
119 100
91 70.5 33.9 101.7
134 26.1 13.2 39.6

Manual Integrations
APPROVED

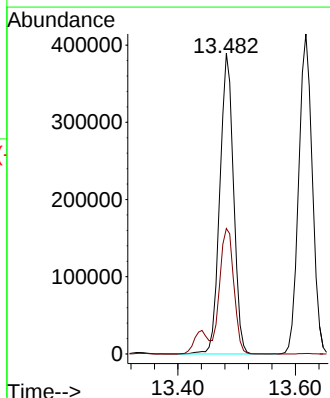
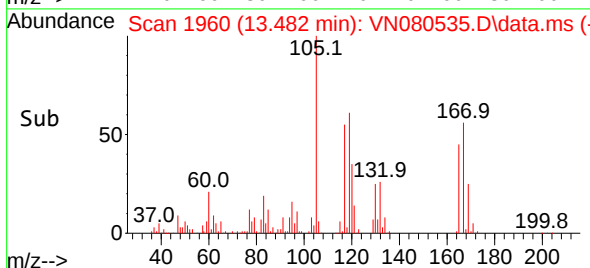
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

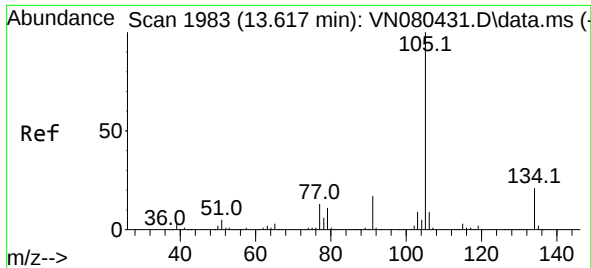


#84
1,2,4-Trimethylbenzene
Concen: 50.365 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29



Tgt Ion:105 Resp: 627728
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





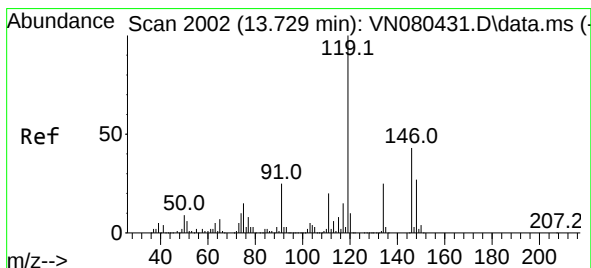
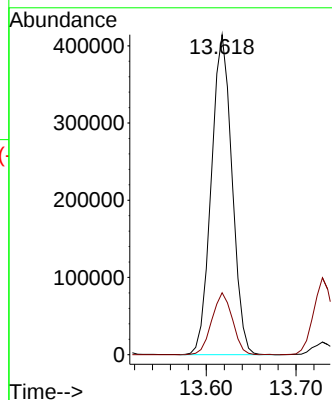
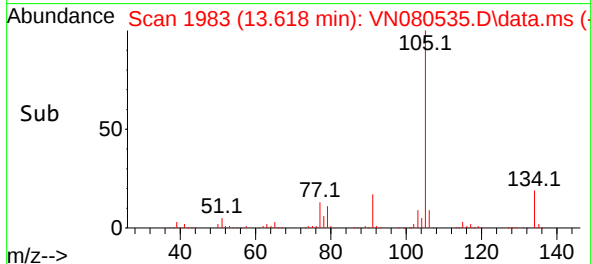
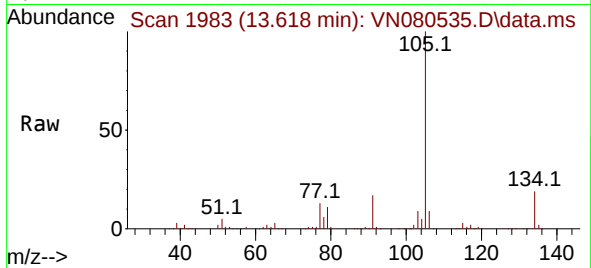
#85
 sec-Butylbenzene
 Concen: 50.656 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080535.D
 Acq: 19 Dec 2023 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 66485
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

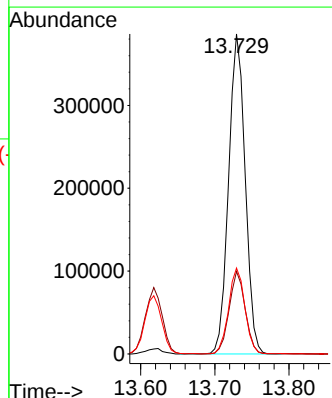
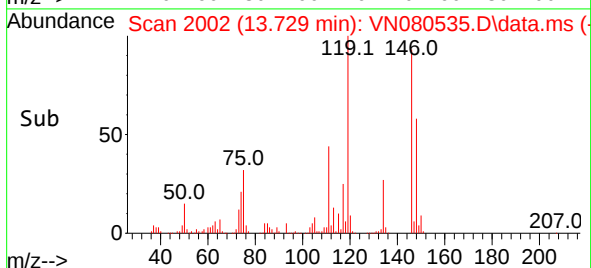
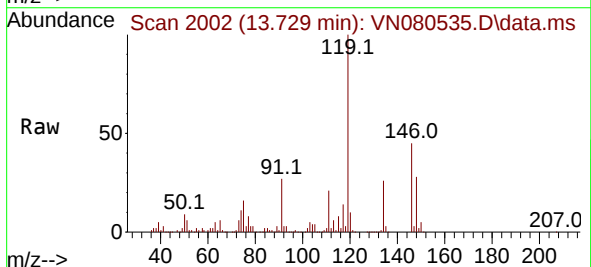
Manual Integrations
 APPROVED

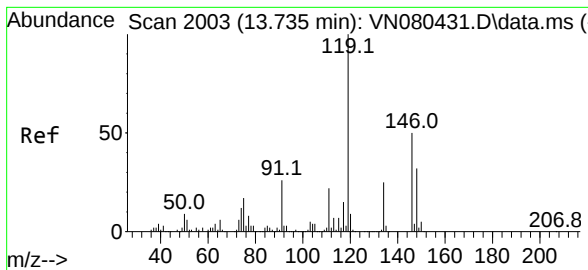
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#86
 p-Isopropyltoluene
 Concen: 50.589 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080535.D
 Acq: 19 Dec 2023 21:29

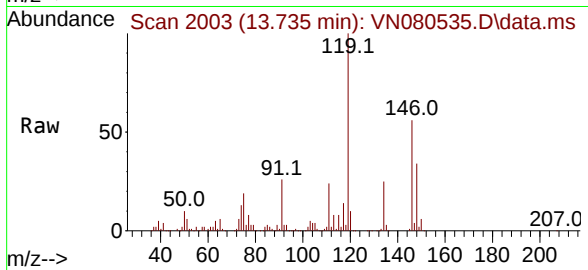
Tgt Ion:119 Resp: 599522
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.471 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

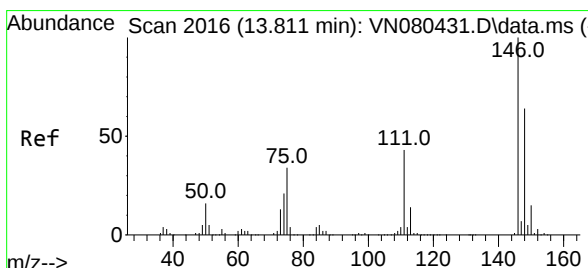
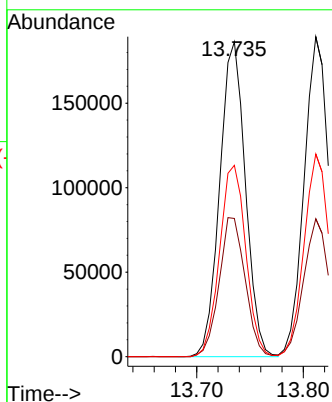
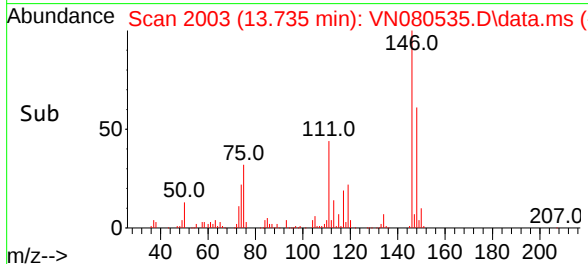
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 31190
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 62.1 32.0 96.0

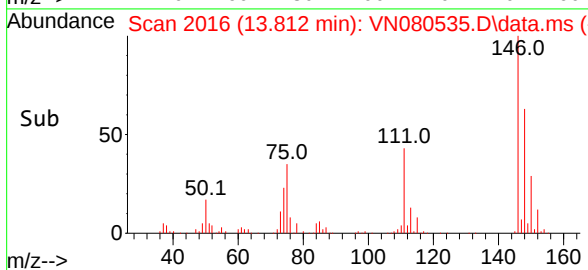
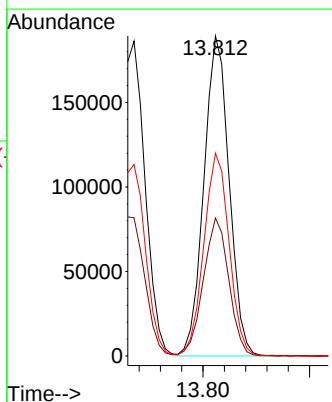
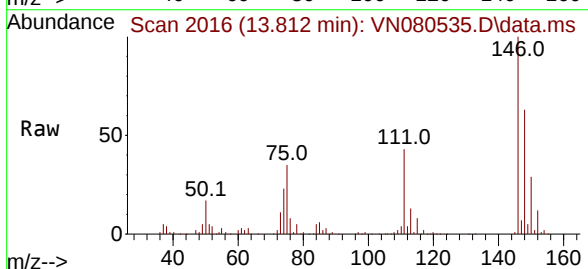
Manual Integrations
APPROVED

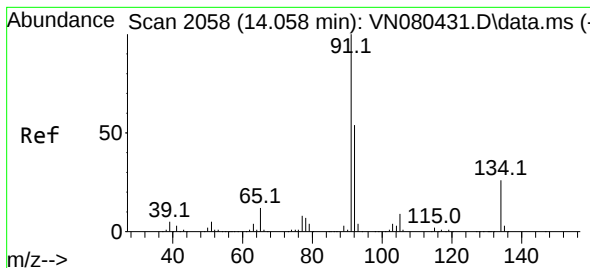
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#88
1,4-Dichlorobenzene
Concen: 48.882 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Tgt Ion:146 Resp: 311102
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 50.613 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 50090

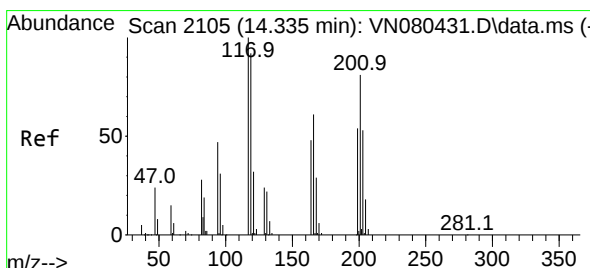
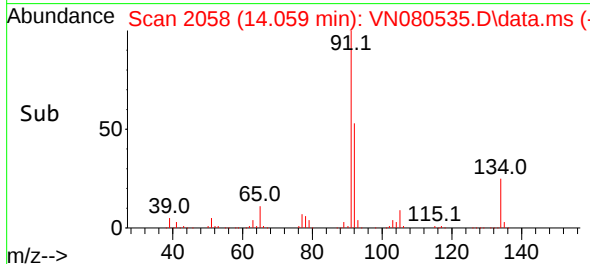
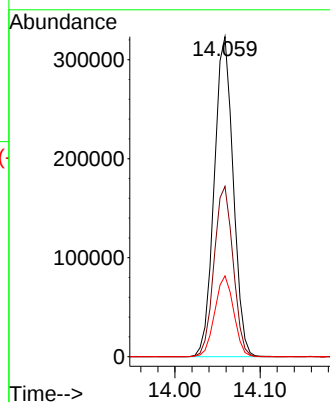
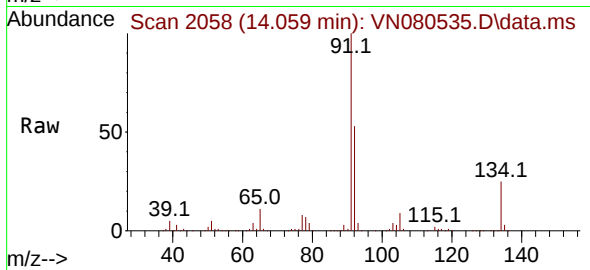
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#90

Hexachloroethane

Concen: 50.746 ug/l

RT: 14.335 min Scan# 2105

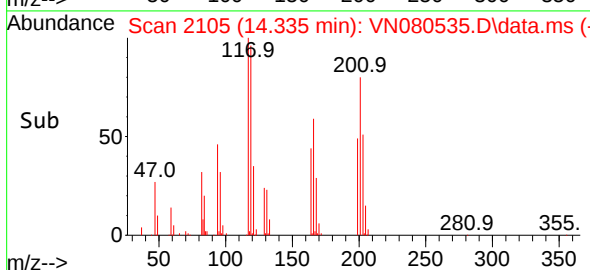
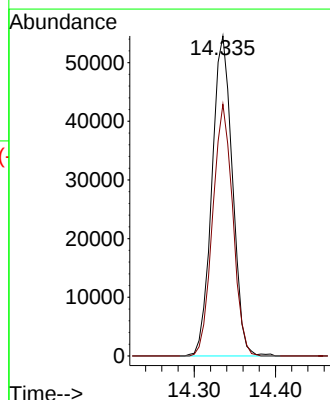
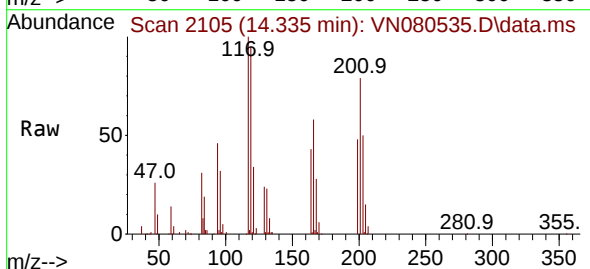
Delta R.T. 0.000 min

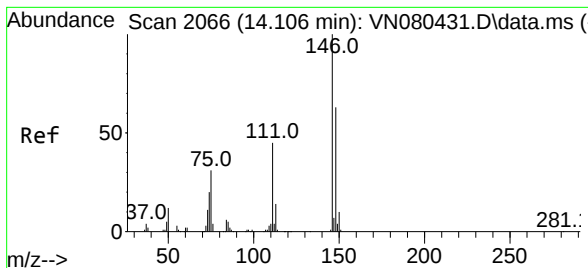
Lab File: VN080535.D

Acq: 19 Dec 2023 21:29

Tgt Ion:117 Resp: 95508

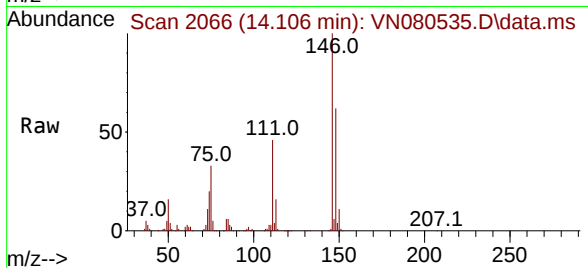
Ion	Ratio	Lower	Upper
117	100		
201	77.1	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 48.869 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

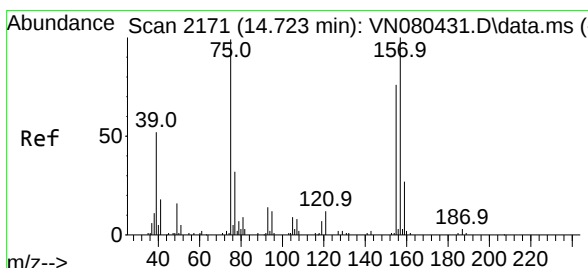
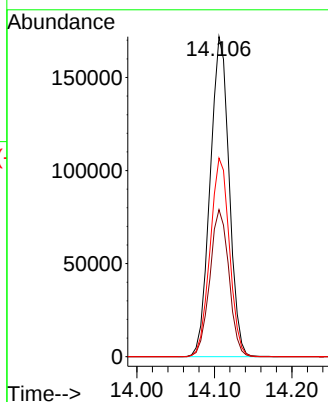
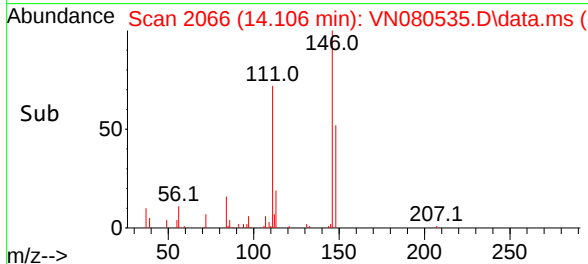
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 292579
Ion Ratio Lower Upper
146 100
111 46.1 22.0 66.0
148 63.1 31.8 95.3

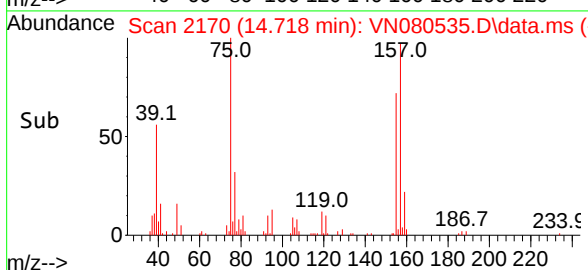
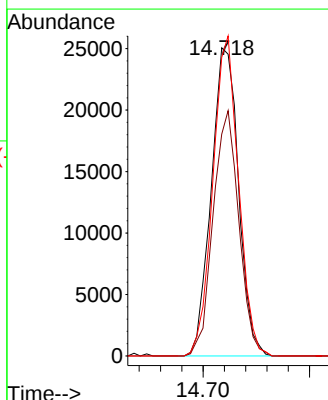
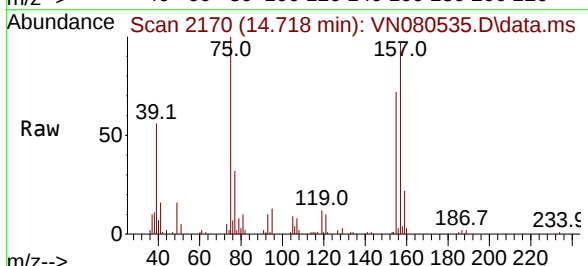
Manual Integrations
APPROVED

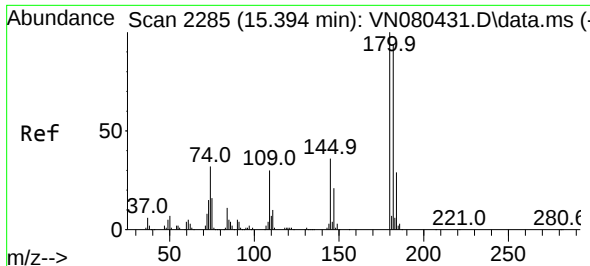
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.414 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

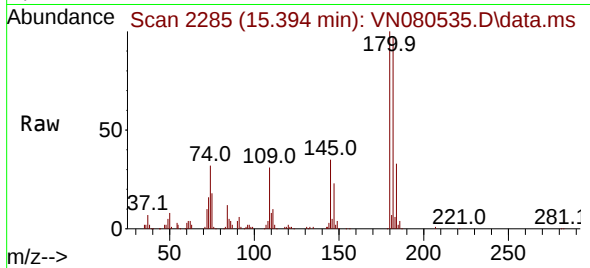
Tgt Ion: 75 Resp: 44614
Ion Ratio Lower Upper
75 100
155 75.2 39.1 117.2
157 97.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 51.812 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

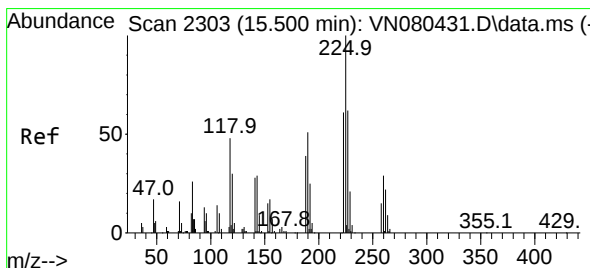
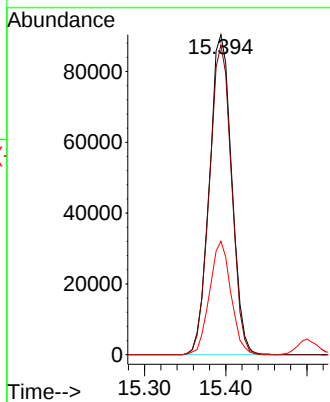
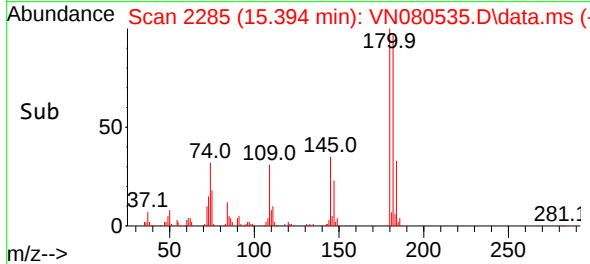
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 172220
Ion Ratio Lower Upper
180 100
182 96.0 46.1 138.2
145 34.0 16.6 49.8

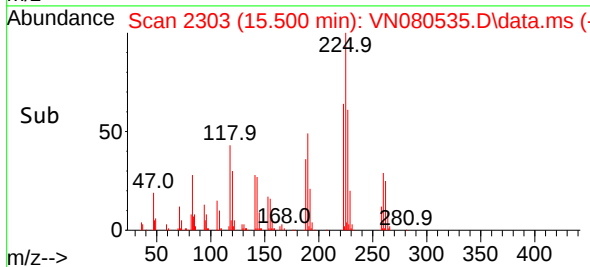
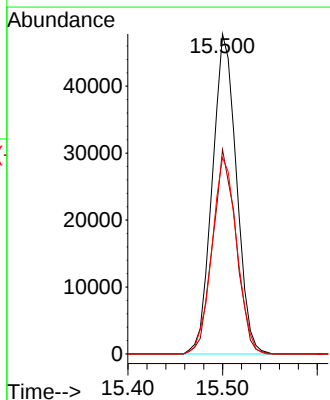
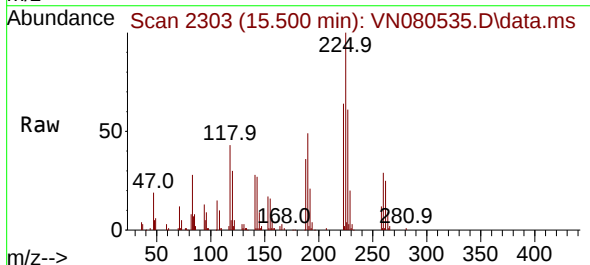
Manual Integrations
APPROVED

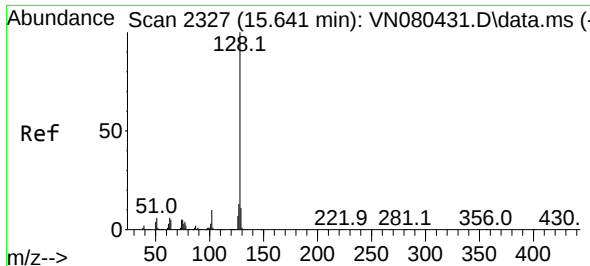
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#94
Hexachlorobutadiene
Concen: 44.680 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

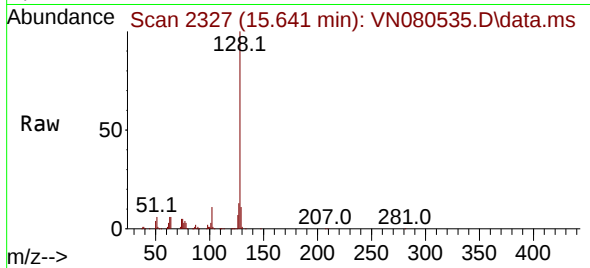
Tgt Ion:225 Resp: 84552
Ion Ratio Lower Upper
225 100
223 62.3 31.3 93.8
227 63.6 31.9 95.9





#95
Naphthalene
Concen: 53.223 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

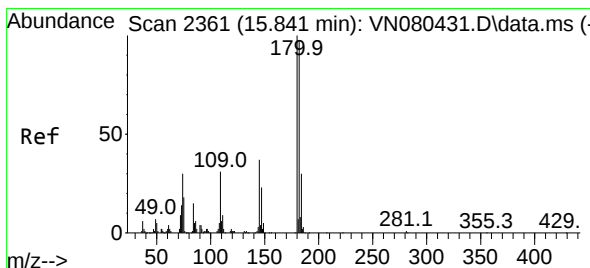
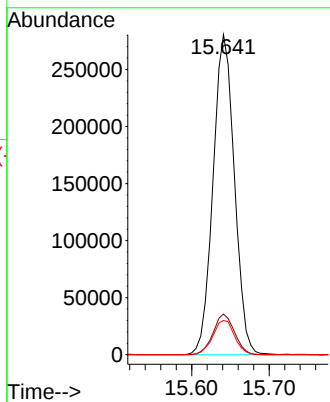
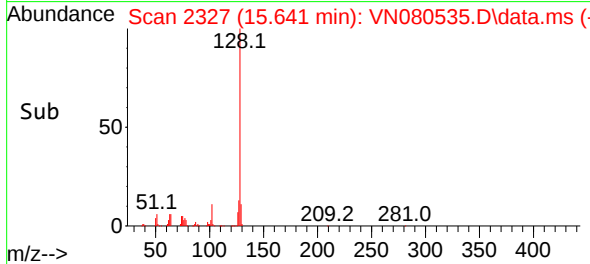
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 537229
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.411 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080535.D
Acq: 19 Dec 2023 21:29

Tgt Ion:180 Resp: 161702
Ion Ratio Lower Upper
180 100
182 96.8 46.2 138.6
145 36.5 17.5 52.6

