

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081045.D
 Acq On : 15 Feb 2024 17:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	529759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	906982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	815979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	331540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	299379	45.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.880%		
35) Dibromofluoromethane	8.165	113	252290	48.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.571	98	903554	49.267	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.853	95	346701	55.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	342571	50.420	ug/l	95
3) Chloromethane	2.359	50	392681	47.883	ug/l	95
4) Vinyl Chloride	2.512	62	350629	49.138	ug/l	98
5) Bromomethane	2.948	94	170660	47.402	ug/l	94
6) Chloroethane	3.118	64	214415	46.736	ug/l	97
7) Trichlorofluoromethane	3.495	101	518565	51.629	ug/l	98
8) Diethyl Ether	3.959	74	191379	48.059	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	285925	48.239	ug/l #	89
10) Methyl Iodide	4.583	142	263960	43.853	ug/l	98
11) Tert butyl alcohol	5.512	59	292935	250.622	ug/l	99
12) 1,1-Dichloroethene	4.342	96	271914	47.095	ug/l	88
13) Acrolein	4.171	56	266761	288.679	ug/l	98
14) Allyl chloride	5.018	41	402085	42.762	ug/l #	89
15) Acrylonitrile	5.718	53	709436	236.988	ug/l	97
16) Acetone	4.424	43	505929	198.337	ug/l	98
17) Carbon Disulfide	4.712	76	740346	44.255	ug/l #	95
18) Methyl Acetate	5.018	43	322113	47.944	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	950262	47.167	ug/l	96
20) Methylene Chloride	5.277	84	312420	47.021	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	291774	45.966	ug/l	96
22) Diisopropyl ether	6.665	45	962728	46.810	ug/l #	92
23) Vinyl Acetate	6.600	43	3936817	237.489	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	543549	47.393	ug/l	96
25) 2-Butanone	7.483	43	904560	218.431	ug/l	97
26) 2,2-Dichloropropane	7.489	77	511158	48.427	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	350291	47.749	ug/l	90
28) Bromochloromethane	7.818	49	207300	44.771	ug/l #	64
29) Tetrahydrofuran	7.836	42	620614	233.189	ug/l #	88
30) Chloroform	7.965	83	567086	46.073	ug/l	99
31) Cyclohexane	8.259	56	497244	43.927	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	524826	48.289	ug/l	92
36) 1,1-Dichloropropene	8.371	75	431340	49.714	ug/l	96
37) Ethyl Acetate	7.559	43	391450	49.320	ug/l	99
38) Carbon Tetrachloride	8.359	117	443078	69.767	ug/l	95
39) Methylcyclohexane	9.600	83	490860	45.985	ug/l	90
40) Benzene	8.606	78	1278538	49.830	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	232866	48.332	ug/l	96
42) 1,2-Dichloroethane	8.671	62	437970	48.089	ug/l	100
43) Isopropyl Acetate	8.688	43	696960	46.870	ug/l #	95
44) Trichloroethene	9.353	130	333770	43.920	ug/l	97
45) 1,2-Dichloropropane	9.624	63	315520	49.712	ug/l	99
46) Dibromomethane	9.706	93	223373	49.859	ug/l #	89
47) Bromodichloromethane	9.888	83	452460	51.531	ug/l #	95
48) Methyl methacrylate	9.682	41	322517	46.066	ug/l	90
49) 1,4-Dioxane	9.694	88	129465	1085.497	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	2042166	246.256	ug/l	96
52) Toluene	10.630	92	821839	51.277	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	520609	50.327	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	549113	50.192	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	319237	52.967	ug/l	96
56) Ethyl methacrylate	10.877	69	501951	50.864	ug/l	89
57) 1,3-Dichloropropane	11.165	76	547175	50.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1183215	241.633	ug/l #	88
59) 2-Hexanone	11.194	43	1532520	251.628	ug/l	97
60) Dibromochloromethane	11.359	129	343581	59.951	ug/l	99
61) 1,2-Dibromoethane	11.471	107	326773	51.563	ug/l	96
64) Tetrachloroethene	11.106	164	293235	35.250	ug/l	93
65) Chlorobenzene	11.894	112	872495	50.992	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	319779	54.285	ug/l	97
67) Ethyl Benzene	11.965	91	1618915	50.187	ug/l	100
68) m/p-Xylenes	12.071	106	1233890	103.726	ug/l	97
69) o-Xylene	12.400	106	598346	51.863	ug/l	98
70) Styrene	12.412	104	1006027	54.711	ug/l	97
71) Bromoform	12.582	173	212895	71.036	ug/l #	93
73) Isopropylbenzene	12.700	105	1573033	46.960	ug/l	98
74) N-amyl acetate	12.494	43	694845	45.087	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	376175	45.754	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	368813m	50.345	ug/l	
77) Bromobenzene	12.982	156	340350	50.164	ug/l	75
78) n-propylbenzene	13.035	91	1845480	48.281	ug/l	96
79) 2-Chlorotoluene	13.123	91	1072019	48.557	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	1270375	48.882	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	156796	49.824	ug/l	93
82) 4-Chlorotoluene	13.223	91	1065962	49.964	ug/l	96
83) tert-Butylbenzene	13.441	119	1068507	48.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	1257790	50.231	ug/l	97
85) sec-Butylbenzene	13.618	105	1511409	49.503	ug/l	94
86) p-Isopropyltoluene	13.729	119	1215161	49.492	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	581105	50.366	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	574327	48.178	ug/l	97
89) n-Butylbenzene	14.059	91	1044155	46.459	ug/l	97
90) Hexachloroethane	14.335	117	161769	140.597	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	536926	48.007	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	74457	44.365	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	307700	45.923	ug/l	100
94) Hexachlorobutadiene	15.506	225	112497	40.595	ug/l	93
95) Naphthalene	15.641	128	1061882	44.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	300223	45.723	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

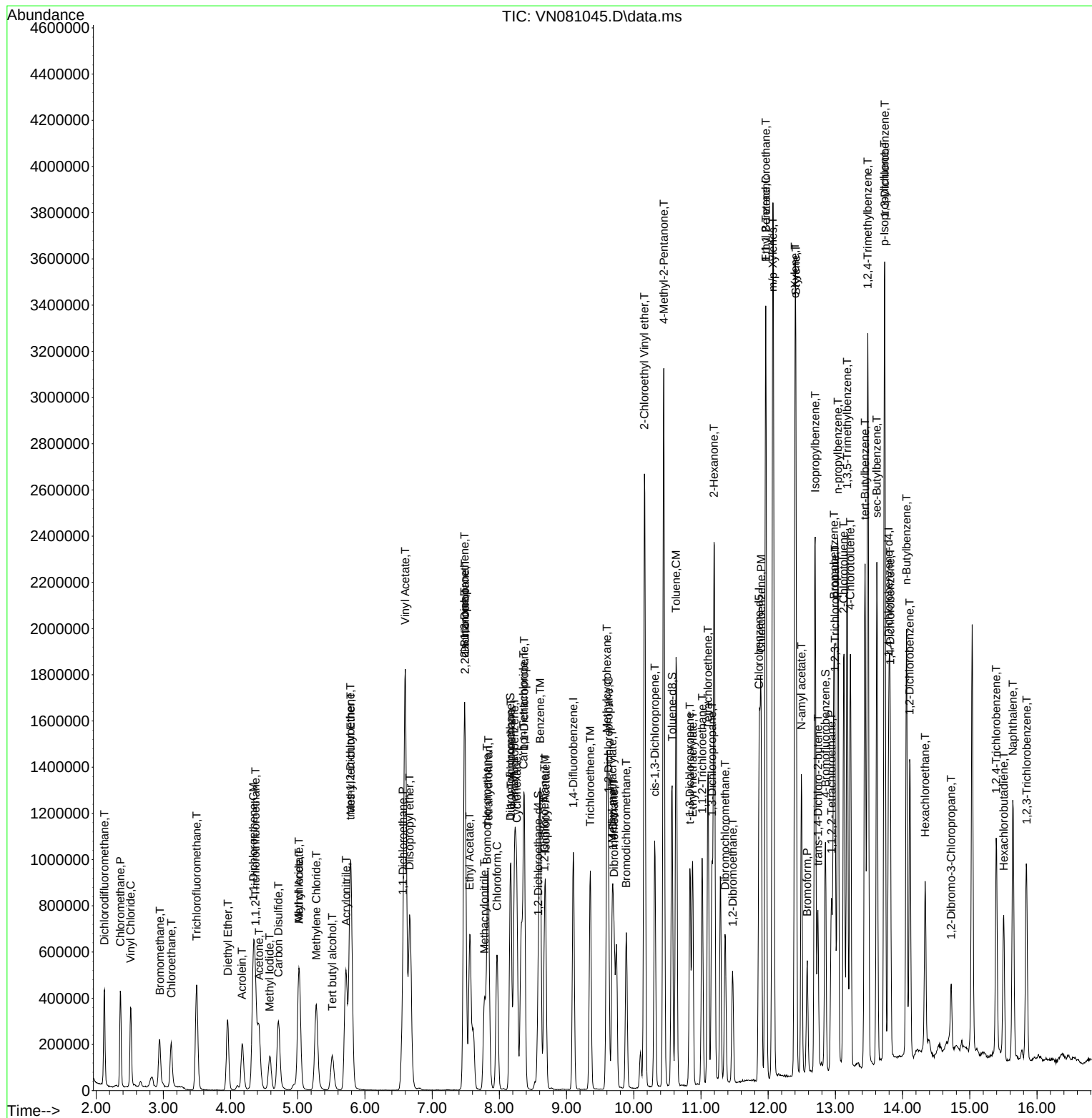
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
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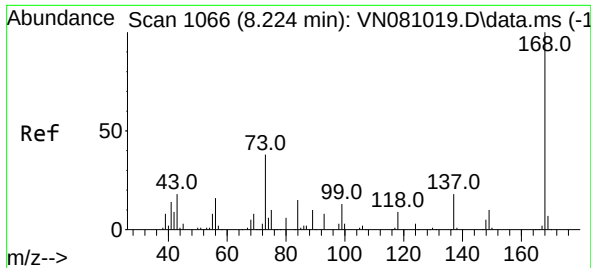
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081045.D
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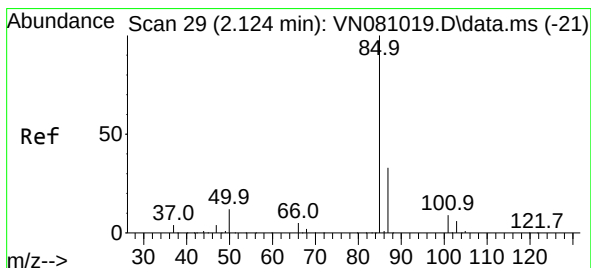
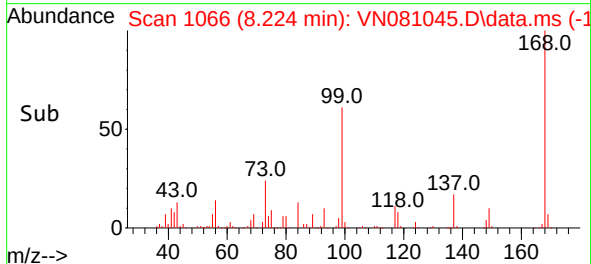
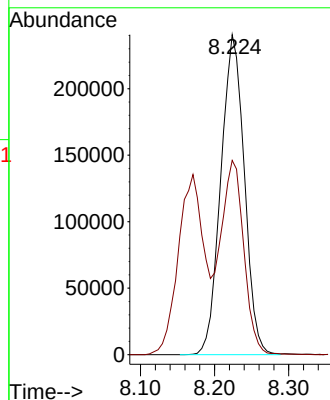
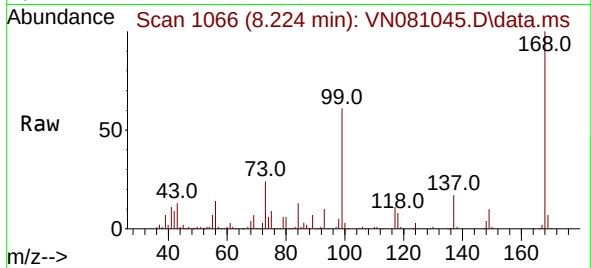
VSTDCCC050EC

Tgt Ion:168 Resp: 529759
Ion Ratio Lower Upper
168 100
99 60.5 59.9 89.9

Manual Integrations

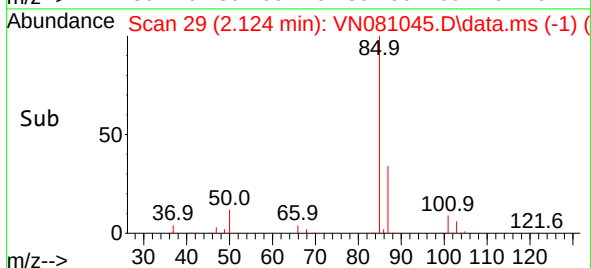
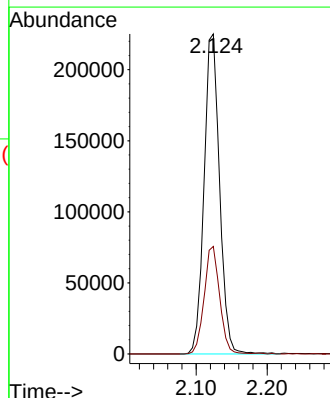
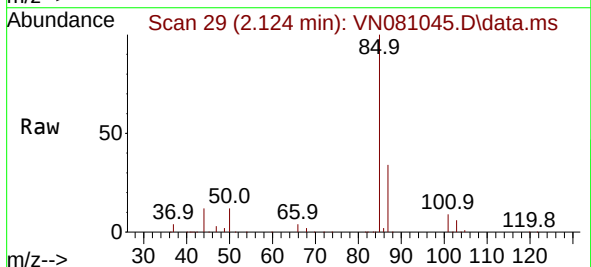
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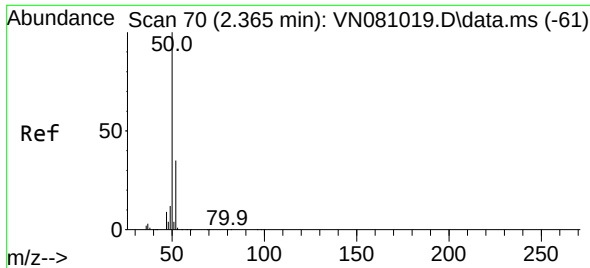
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#2
Dichlorodifluoromethane
Concen: 50.420 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

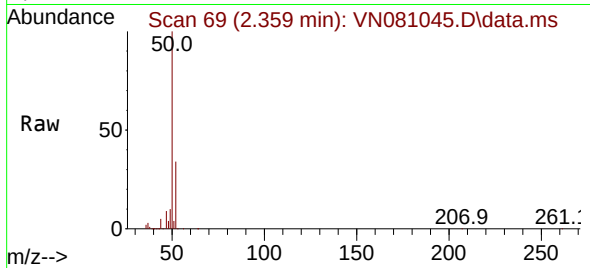
Tgt Ion: 85 Resp: 342571
Ion Ratio Lower Upper
85 100
87 33.6 15.3 45.9





#3
Chloromethane
Concen: 47.883 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

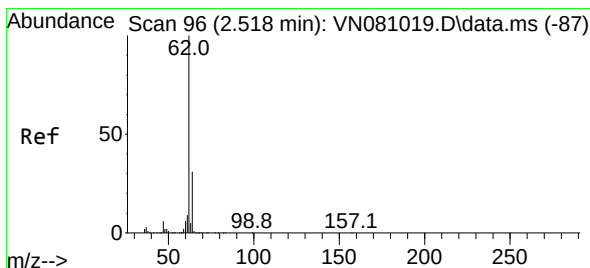
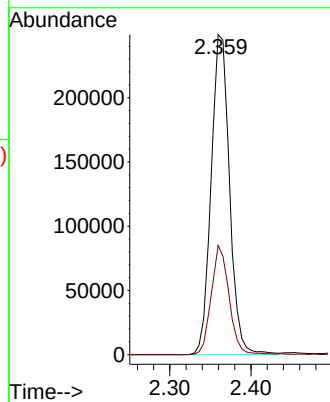
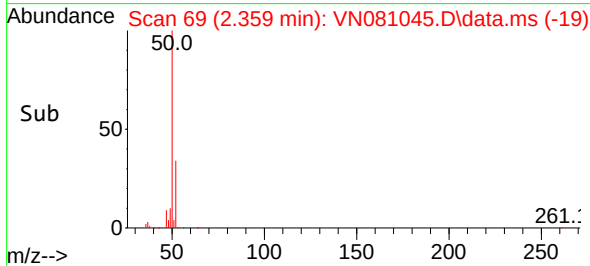
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 39268
Ion Ratio Lower Upper
50 100
52 34.1 25.0 37.4

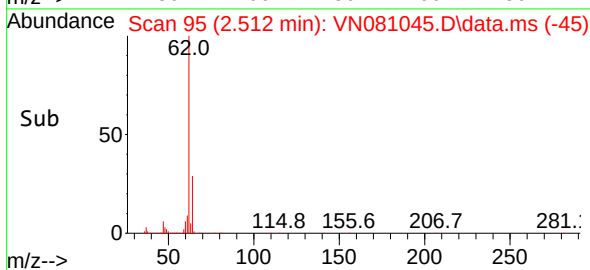
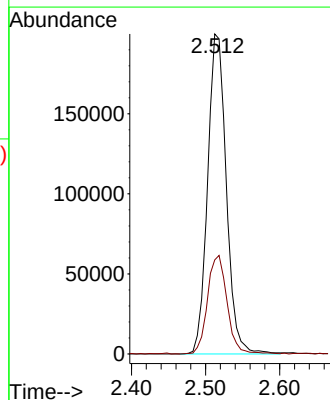
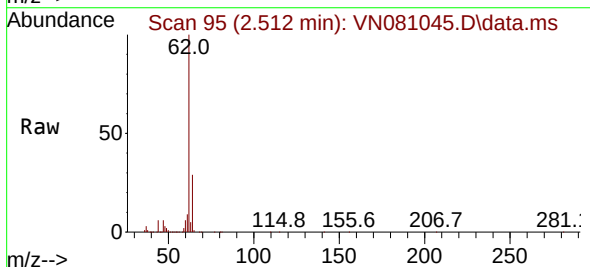
Manual Integrations
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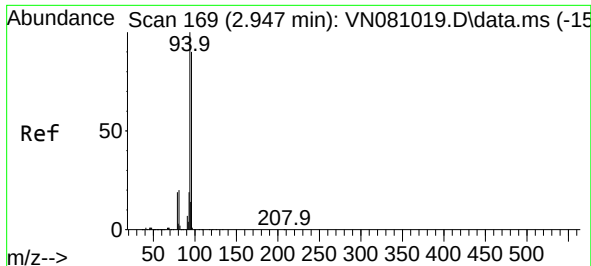
Reviewed By :John Carlone 02/16/2024
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#4
Vinyl Chloride
Concen: 49.138 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

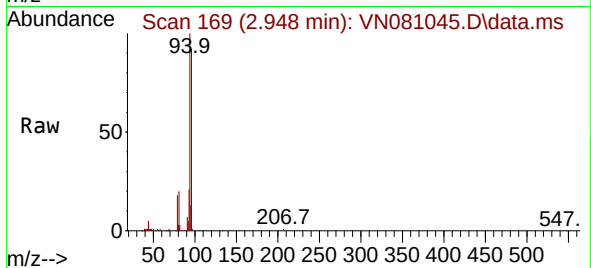
Tgt Ion: 62 Resp: 350629
Ion Ratio Lower Upper
62 100
64 29.4 22.7 34.1





#5
Bromomethane
Concen: 47.402 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

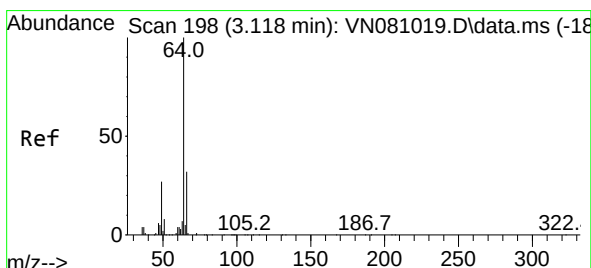
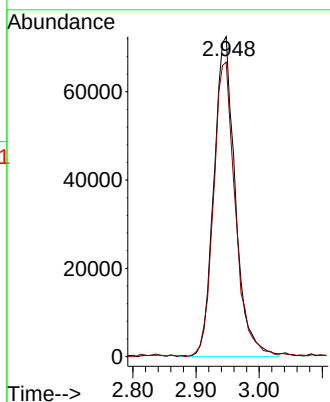
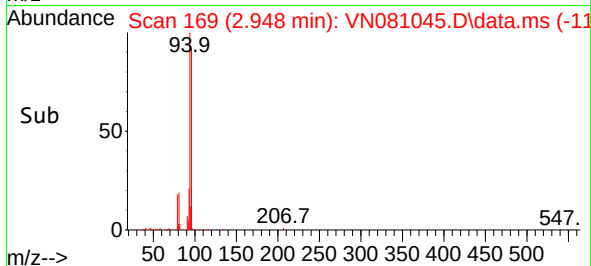
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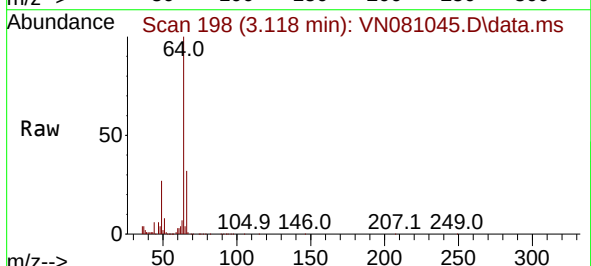
Tgt Ion: 94 Resp: 170660
Ion Ratio Lower Upper
94 100
96 91.8 69.2 103.8

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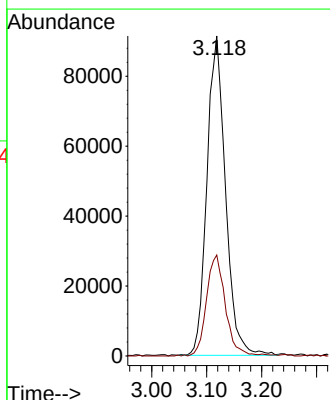
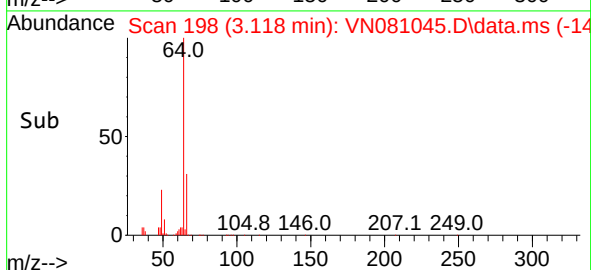
Reviewed By :John Carlone 02/16/2024
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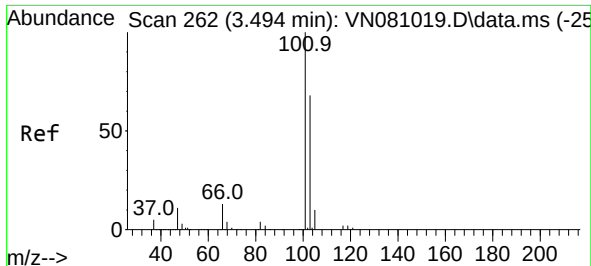


#6
Chloroethane
Concen: 46.736 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion: 64 Resp: 214415
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 51.629 ug/l
 RT: 3.495 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

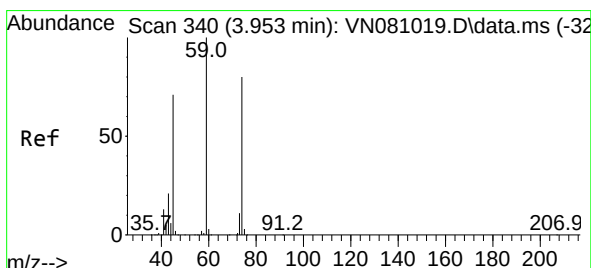
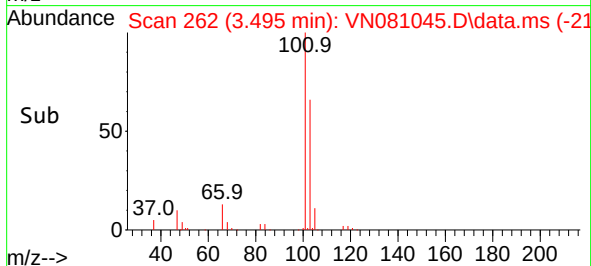
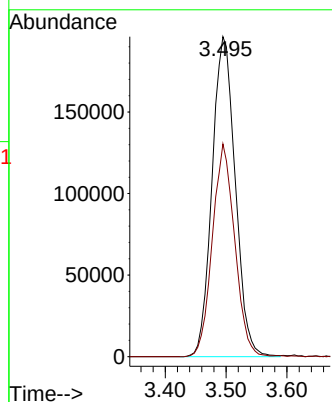
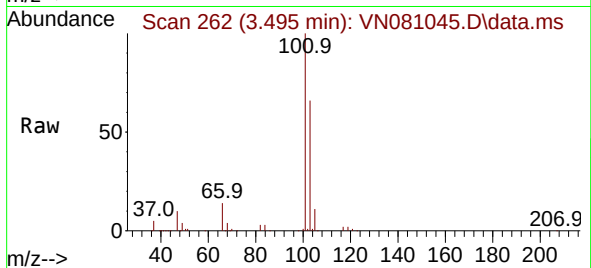
VSTDCCC050EC

Tgt Ion:101 Resp: 51856
 Ion Ratio Lower Upper
 101 100
 103 66.5 54.4 81.6

Manual Integrations

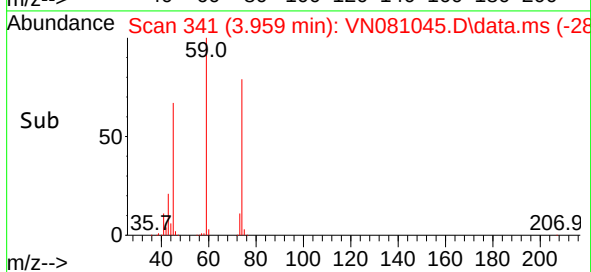
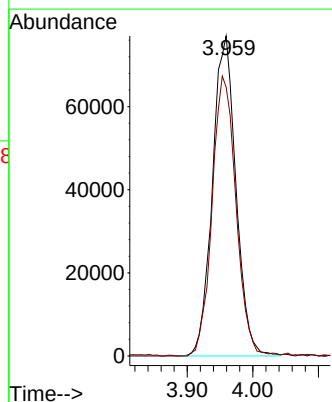
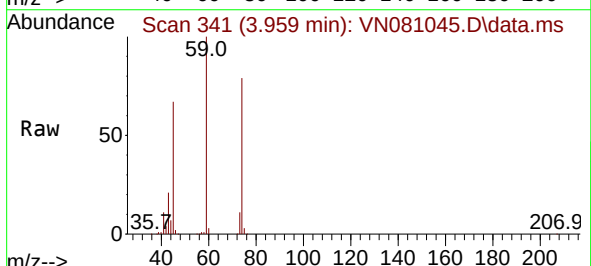
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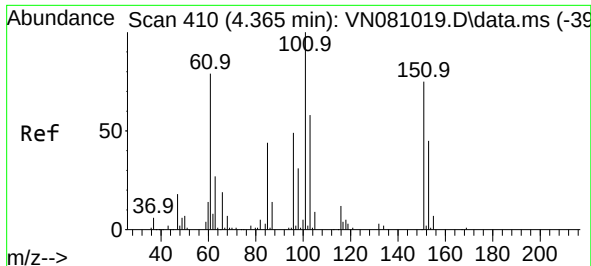
Reviewed By :John Carlone 02/16/2024
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#8
 Diethyl Ether
 Concen: 48.059 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

Tgt Ion: 74 Resp: 191379
 Ion Ratio Lower Upper
 74 100
 45 88.8 53.3 159.9





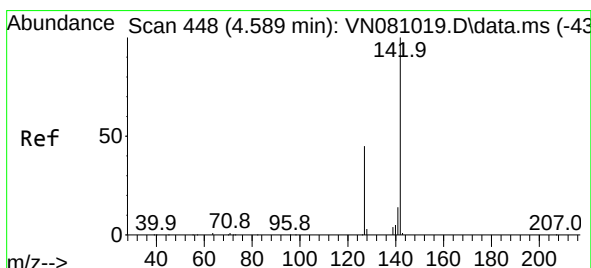
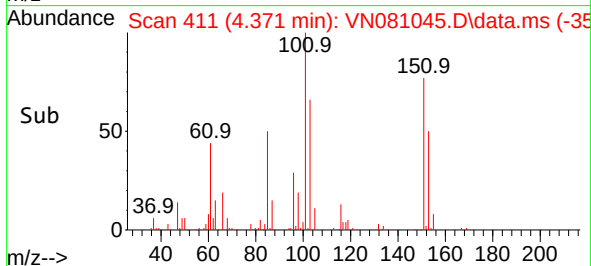
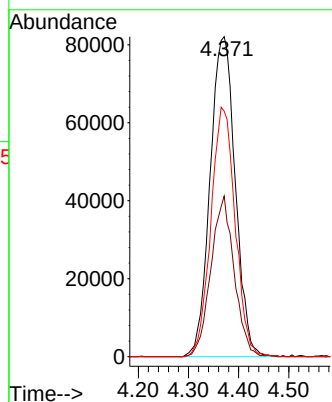
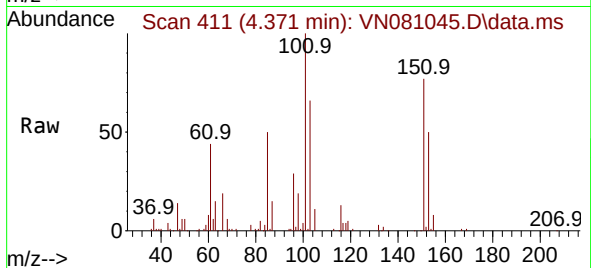
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.239 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 285925
Ion Ratio Lower Upper
101 100
85 46.4 38.1 57.1
151 75.3 49.1 73.7

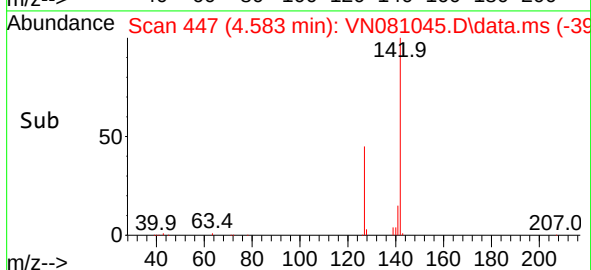
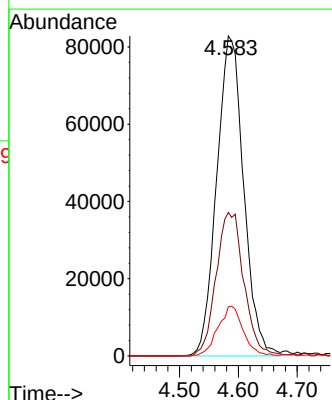
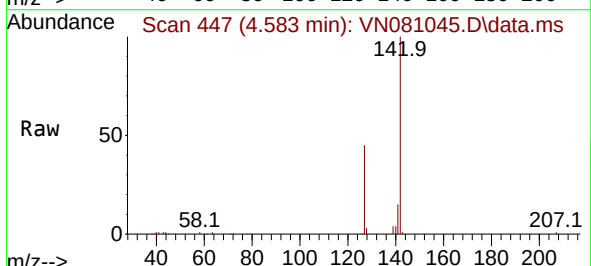
Manual Integrations
APPROVED

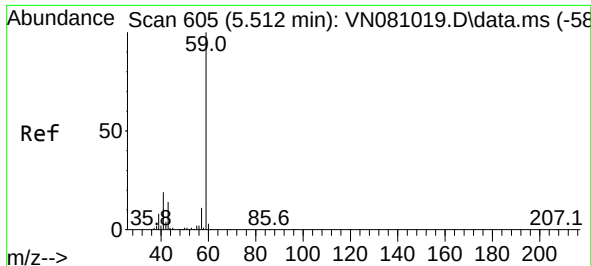
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#10
Methyl Iodide
Concen: 43.853 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

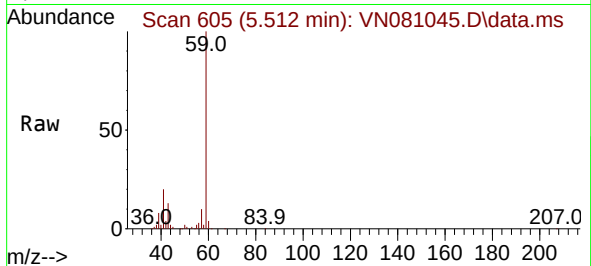
Tgt Ion:142 Resp: 263960
Ion Ratio Lower Upper
142 100
127 44.9 37.0 55.4
141 15.4 12.5 18.7





#11
Tert butyl alcohol
Concen: 250.622 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

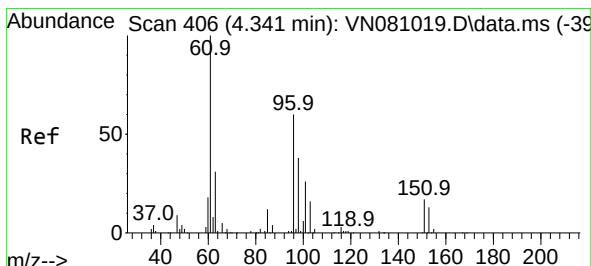
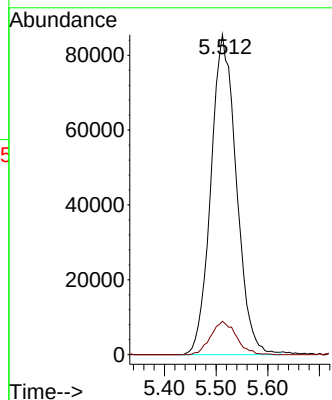
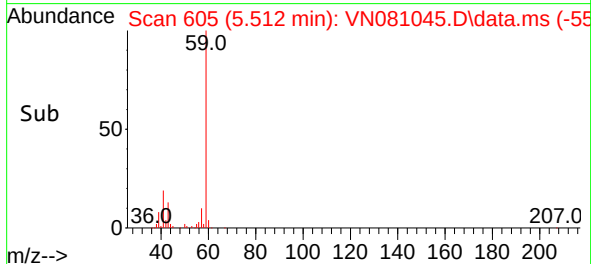
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



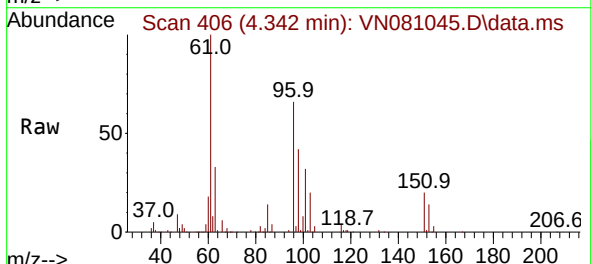
Tgt Ion: 59 Resp: 292935
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
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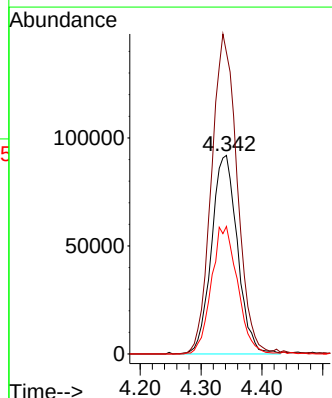
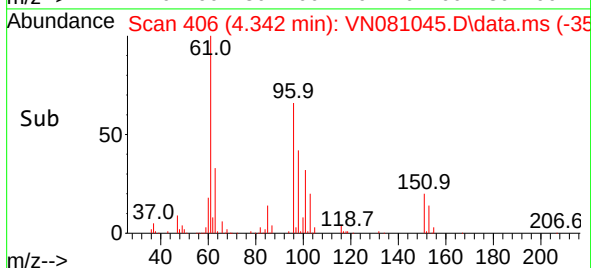
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

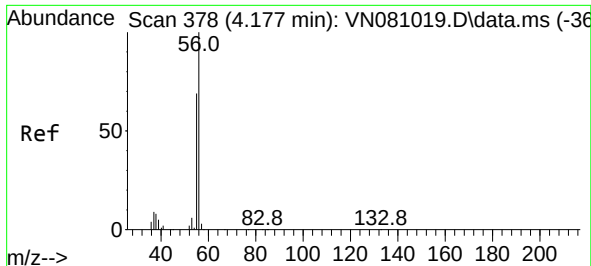


#12
1,1-Dichloroethene
Concen: 47.095 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion: 96 Resp: 271914
Ion Ratio Lower Upper
96 100
61 151.6 138.2 207.4
98 64.2 49.2 73.8





#13

Acrolein

Concen: 288.679 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 26676

Ion Ratio Lower Upper

56 100

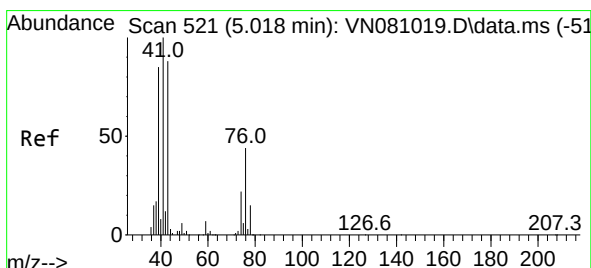
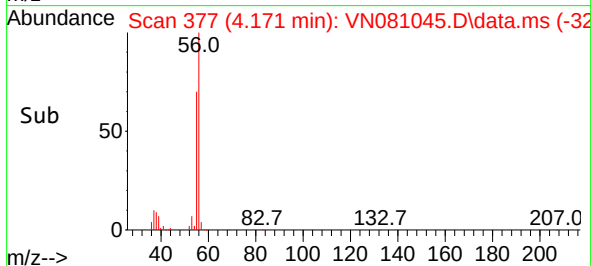
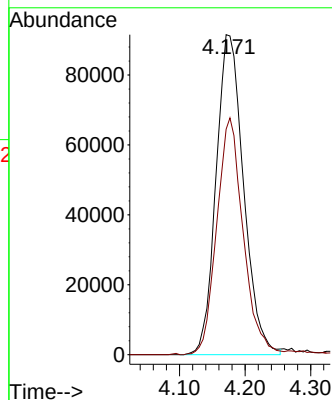
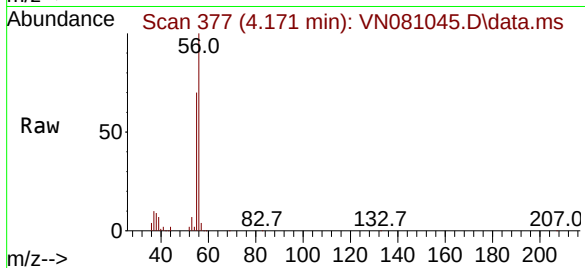
55 71.0 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#14

Allyl chloride

Concen: 42.762 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

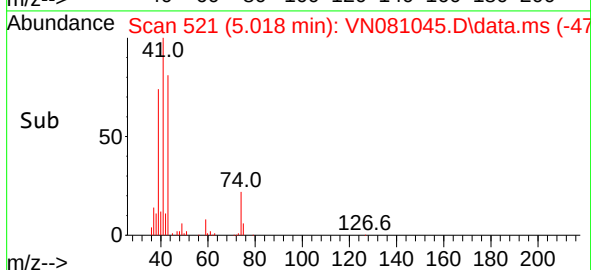
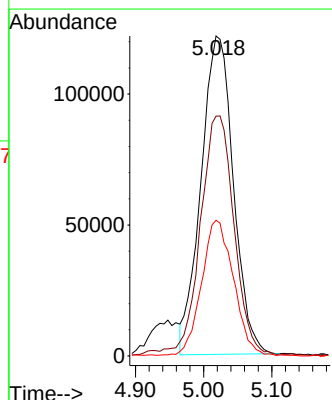
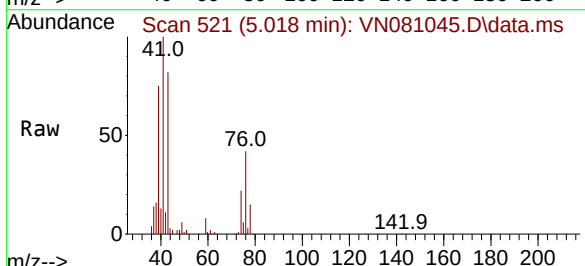
Tgt Ion: 41 Resp: 402085

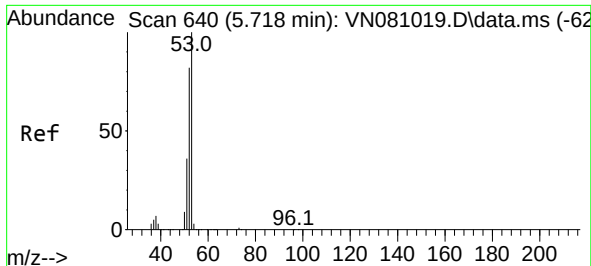
Ion Ratio Lower Upper

41 100

39 79.3 57.7 86.5

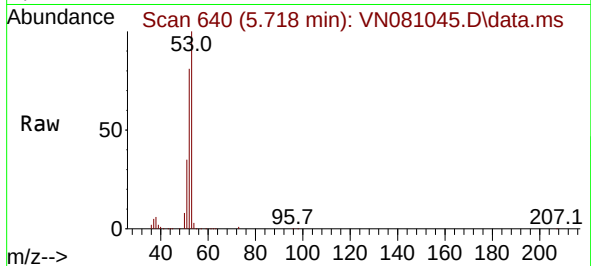
76 42.3 26.8 40.2#





#15
Acrylonitrile
Concen: 236.988 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

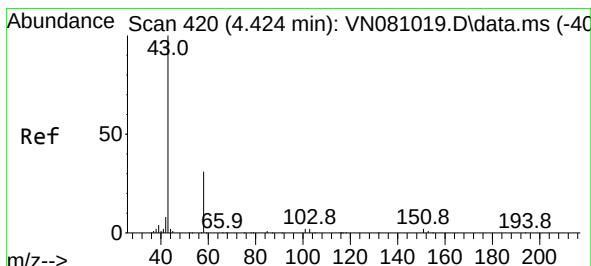
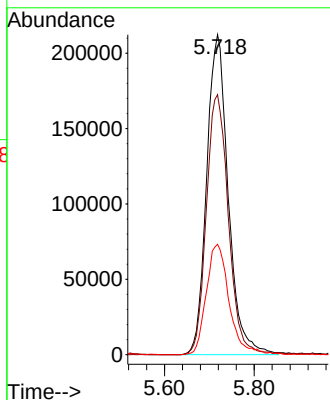
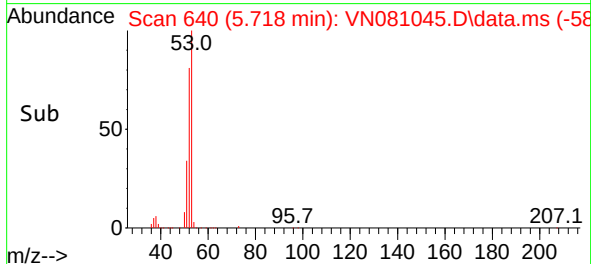
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 709430
Ion Ratio Lower Upper
53 100
52 82.9 64.8 97.2
51 36.4 26.9 40.3

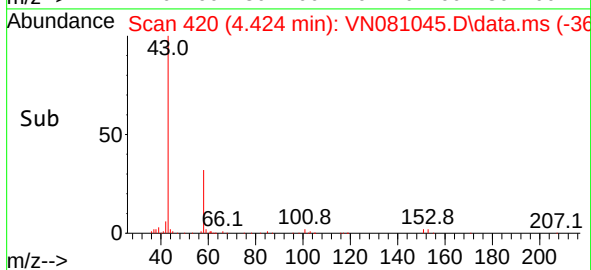
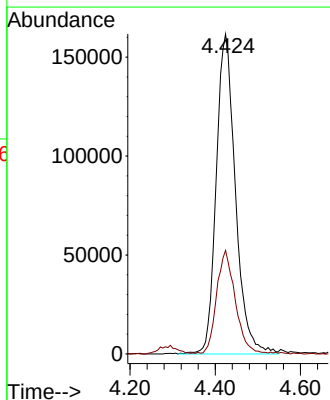
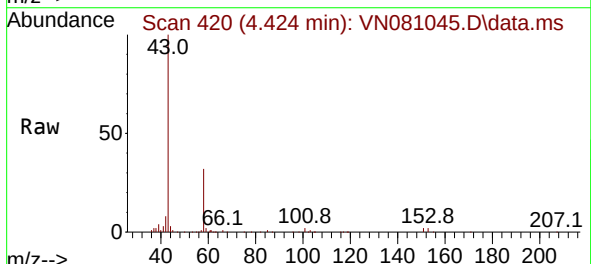
Manual Integrations
APPROVED

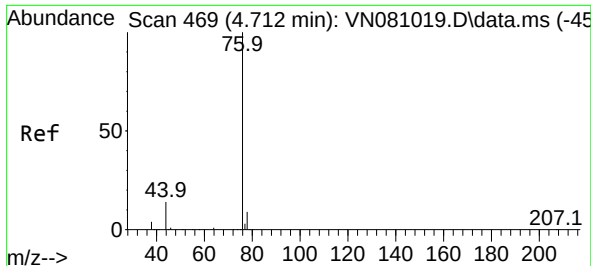
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#16
Acetone
Concen: 198.337 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

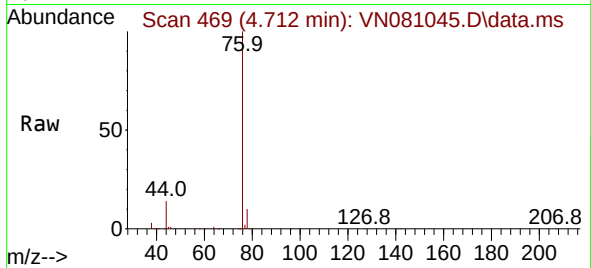
Tgt Ion: 43 Resp: 505929
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2





#17
Carbon Disulfide
Concen: 44.255 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

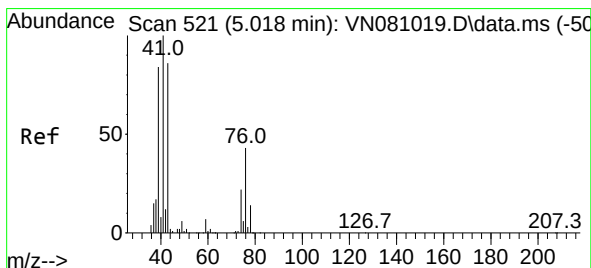
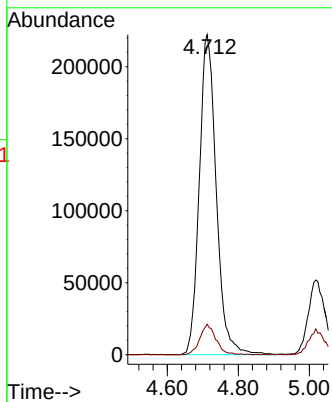
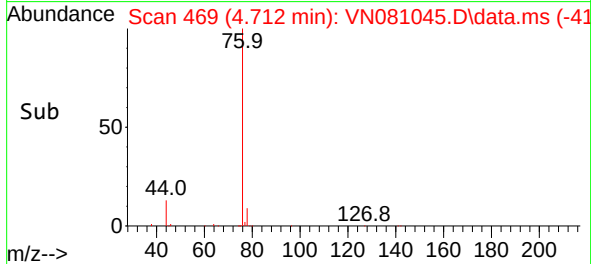
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 740340
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5

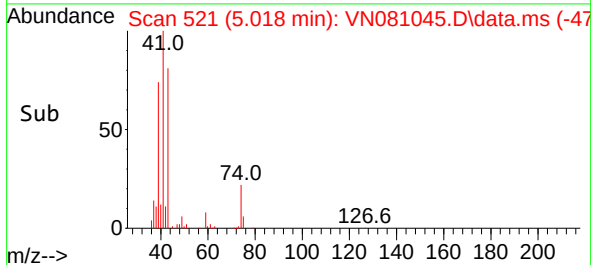
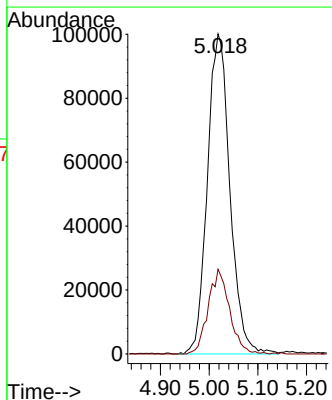
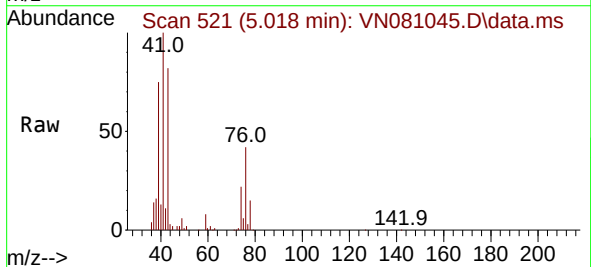
Manual Integrations
APPROVED

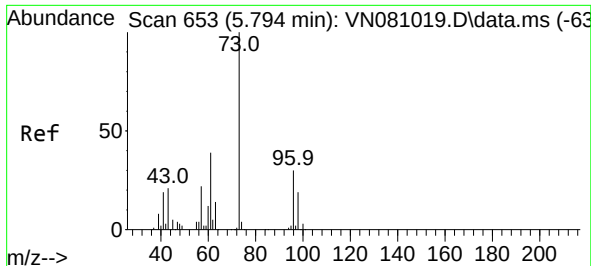
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#18
Methyl Acetate
Concen: 47.944 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Tgt Ion: 43 Resp: 322113
Ion Ratio Lower Upper
43 100
74 25.0 17.3 25.9





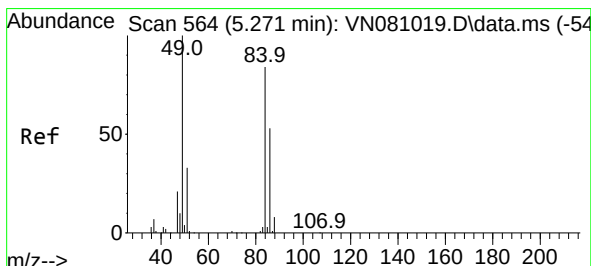
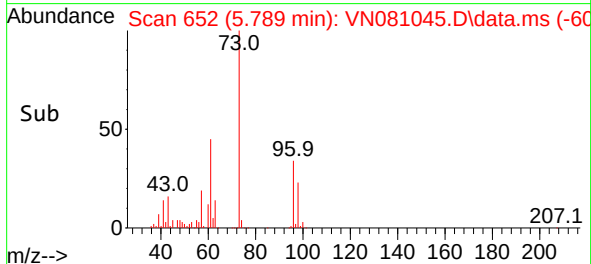
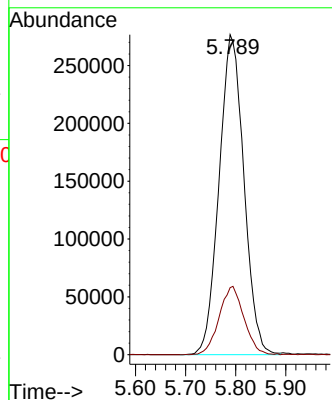
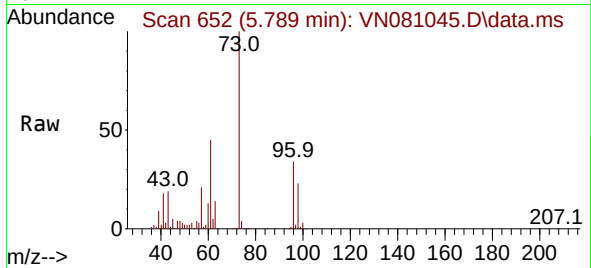
#19
Methyl tert-butyl Ether
Concen: 47.167 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 95026
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4

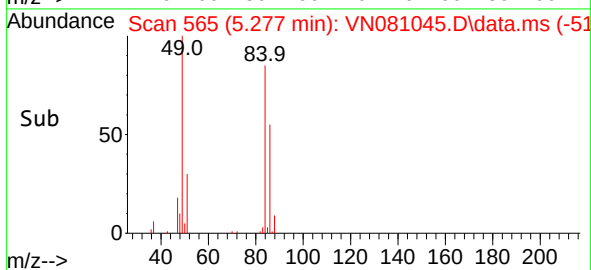
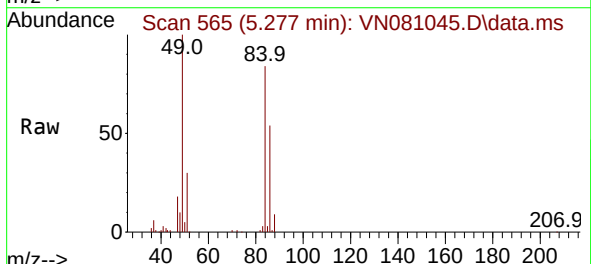
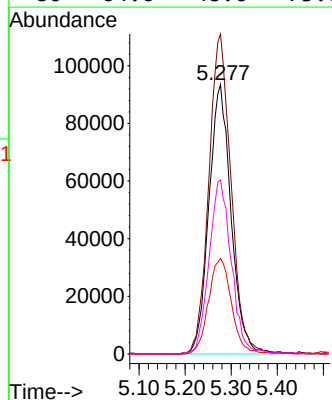
Manual Integrations
APPROVED

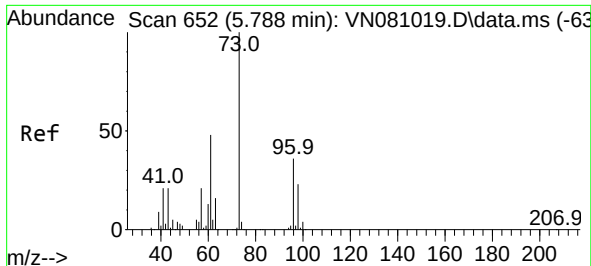
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#20
Methylene Chloride
Concen: 47.021 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

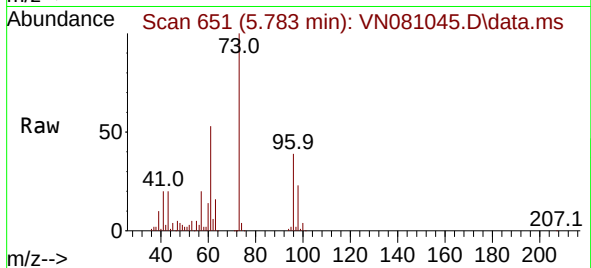
Tgt Ion: 84 Resp: 312420
Ion Ratio Lower Upper
84 100
49 118.8 108.1 162.1
51 35.4 32.9 49.3
86 64.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 45.966 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

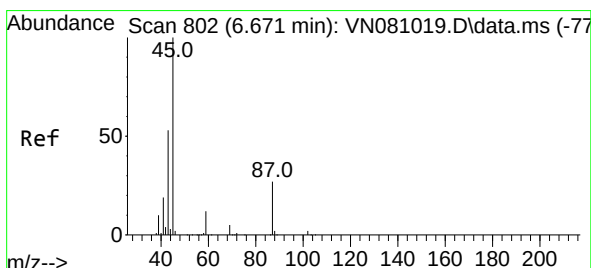
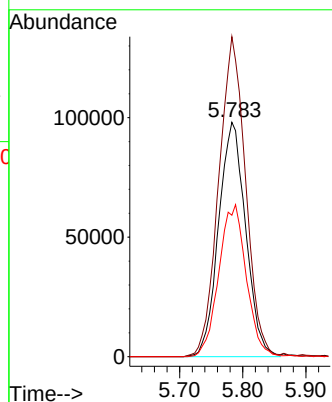
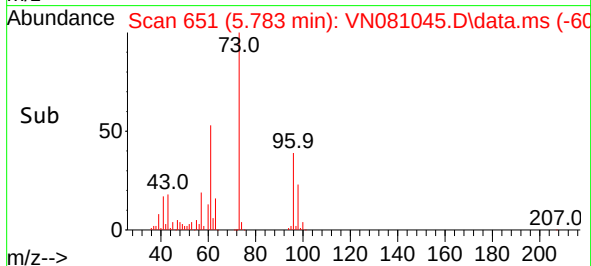
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 291774
Ion Ratio Lower Upper
96 100
61 136.5 112.8 169.2
98 60.4 51.0 76.4

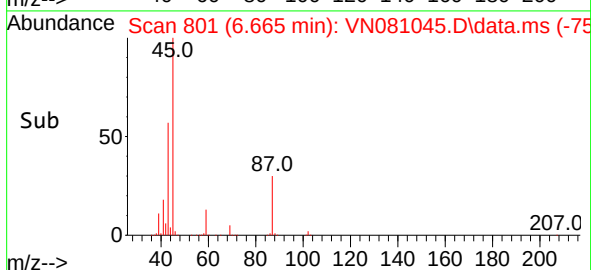
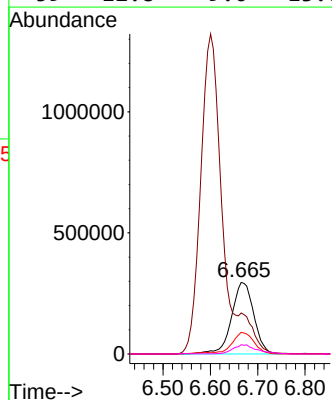
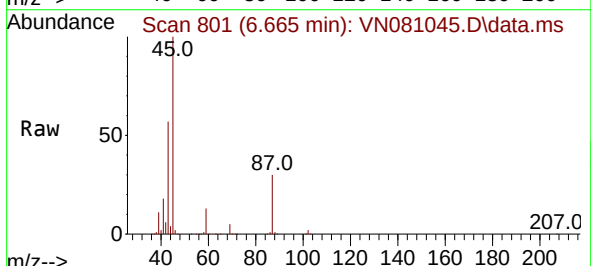
Manual Integrations
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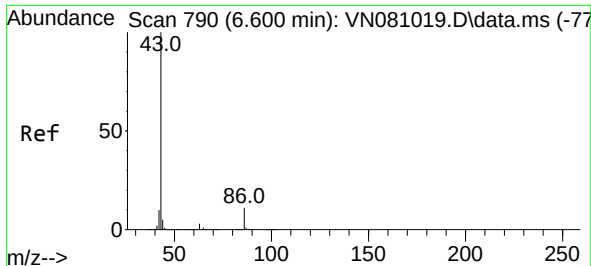
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#22
Diisopropyl ether
Concen: 46.810 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

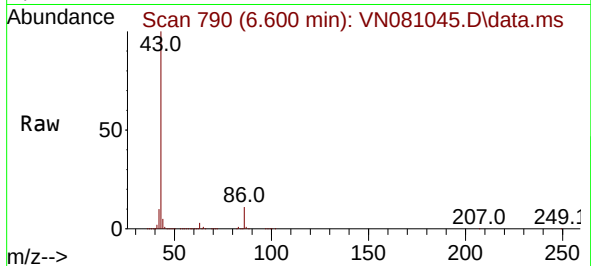
Tgt Ion: 45 Resp: 962728
Ion Ratio Lower Upper
45 100
43 56.4 41.8 62.8
87 29.9 18.1 27.1#
59 12.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 237.489 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

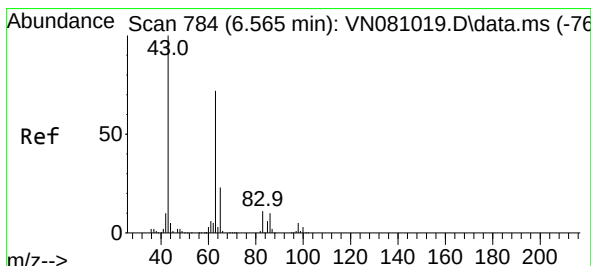
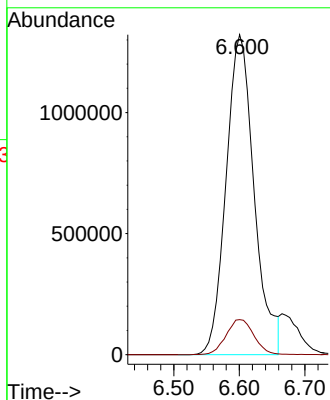
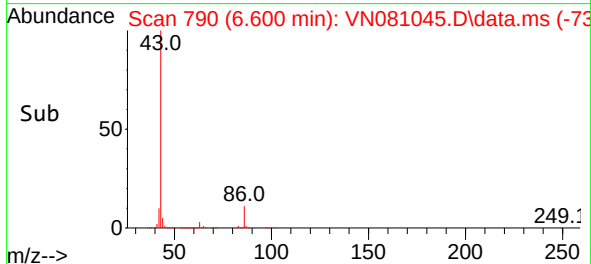
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



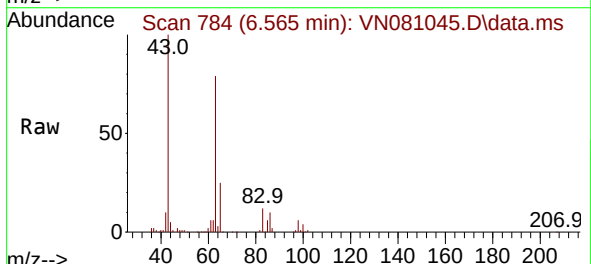
Tgt Ion: 43 Resp: 393681
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7

Manual Integrations
 APPROVED

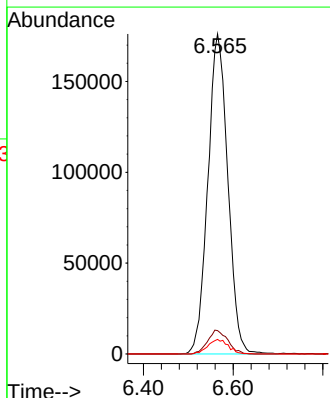
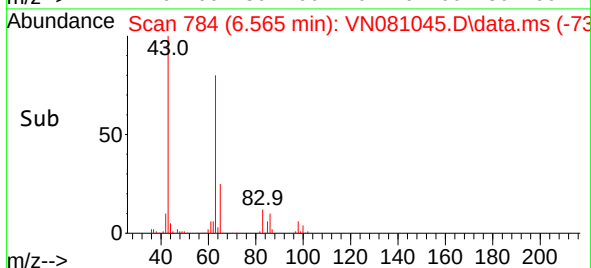
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024

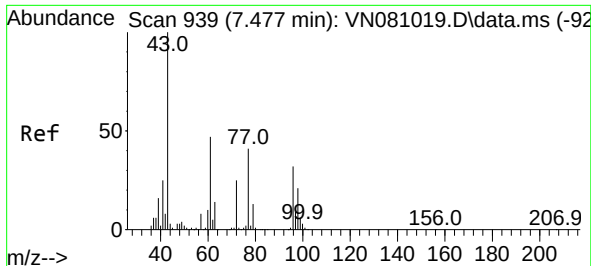


#24
 1,1-Dichloroethane
 Concen: 47.393 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43



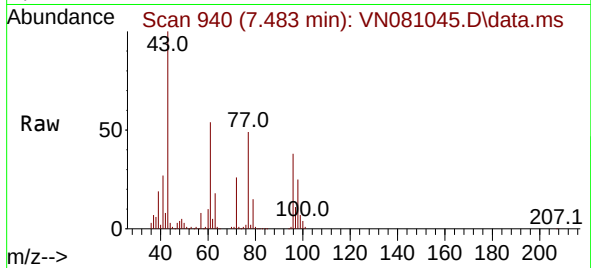
Tgt Ion: 63 Resp: 543549
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.5 1.9 5.7





#25
2-Butanone
Concen: 218.431 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

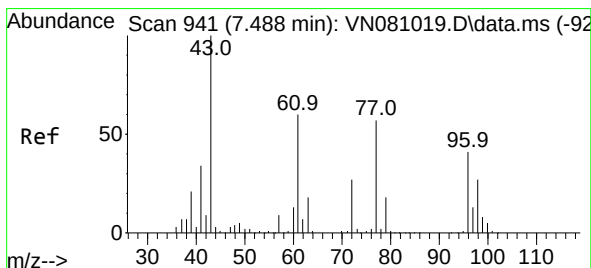
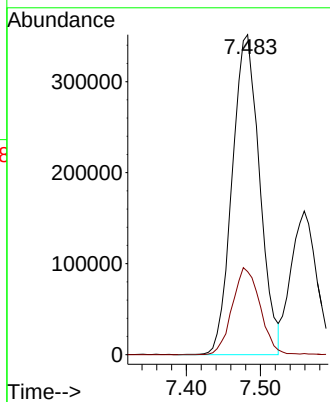
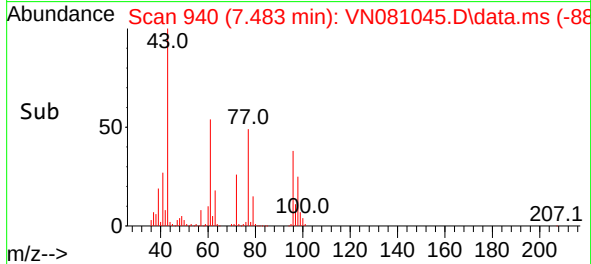
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



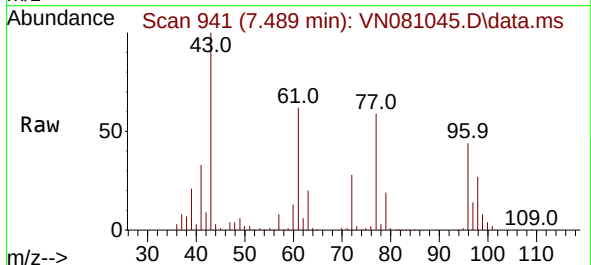
Tgt Ion: 43 Resp: 904560
Ion Ratio Lower Upper
43 100
72 25.9 19.5 29.3

Manual Integrations
APPROVED

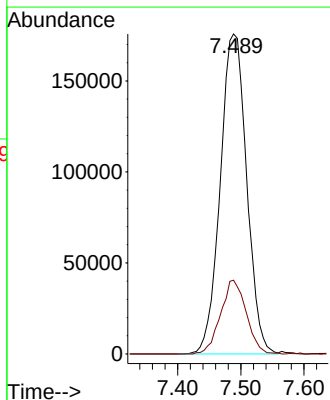
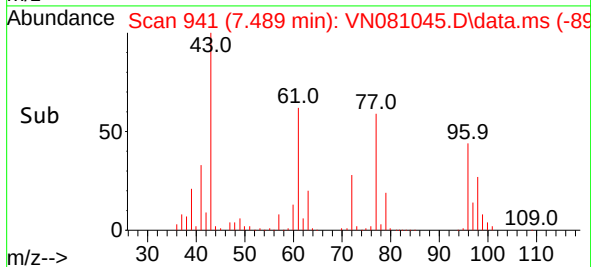
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

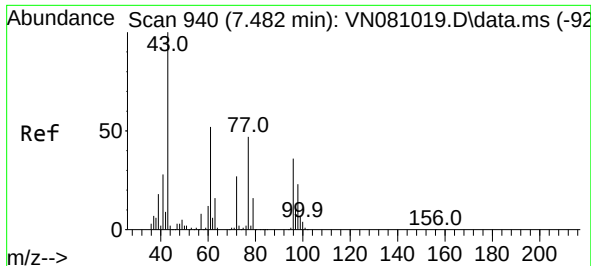


#26
2,2-Dichloropropane
Concen: 48.427 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



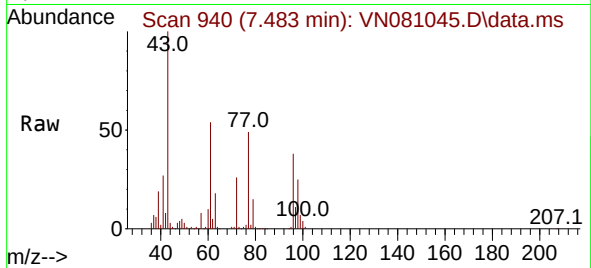
Tgt Ion: 77 Resp: 511158
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 47.749 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

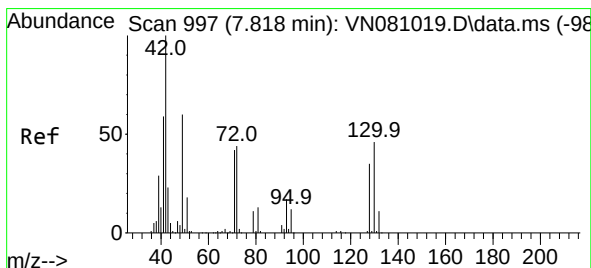
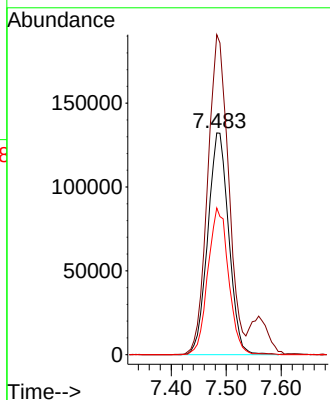
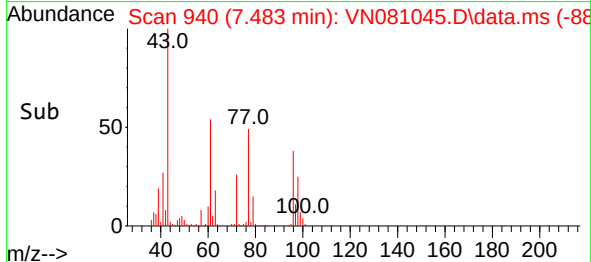
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 35029
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 325.4
 98 65.4 0.0 130.4

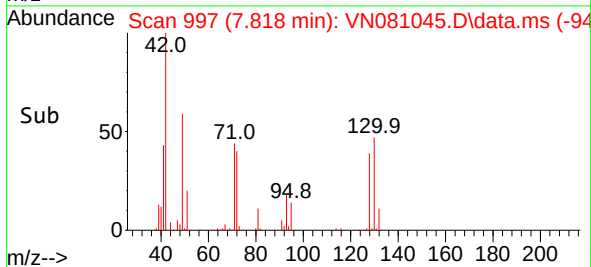
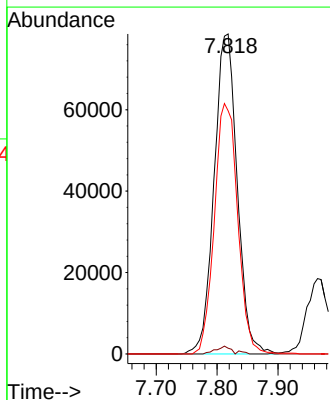
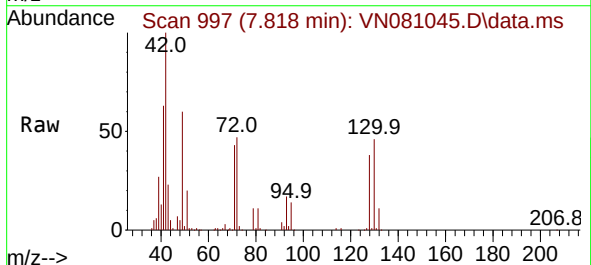
Manual Integrations
 APPROVED

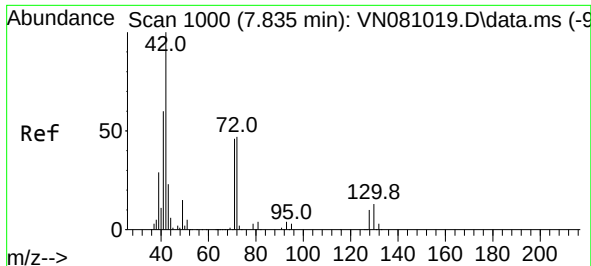
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#28
 Bromochloromethane
 Concen: 44.771 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

Tgt Ion: 49 Resp: 207300
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 1.6
 130 78.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 233.189 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 620614

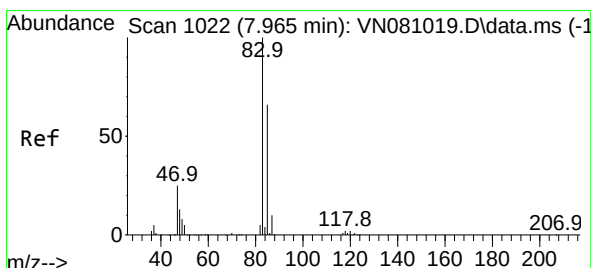
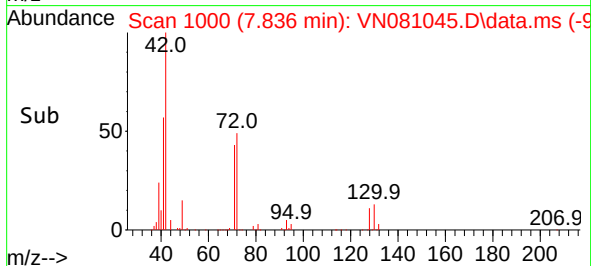
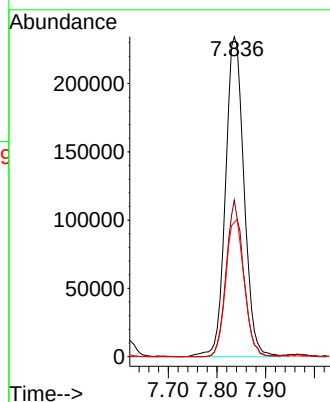
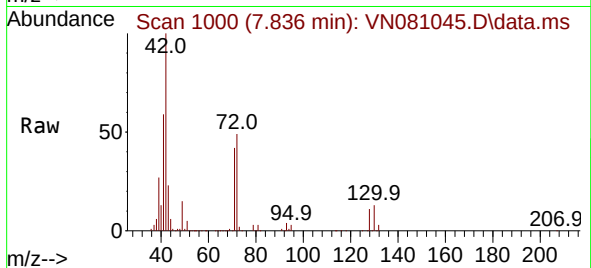
Ion	Ratio	Lower	Upper
42	100		
72	45.8	31.1	46.7
71	43.0	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#30

Chloroform

Concen: 46.073 ug/l

RT: 7.965 min Scan# 1022

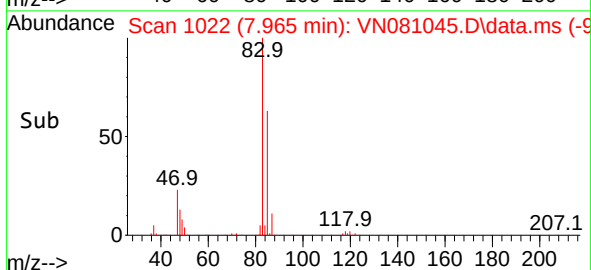
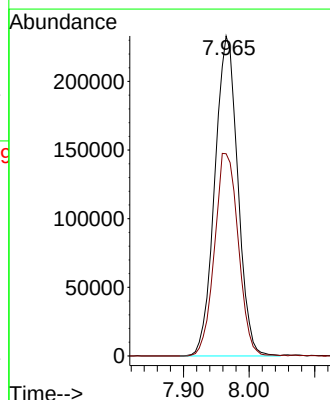
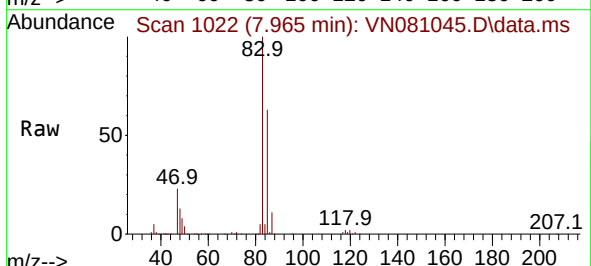
Delta R.T. 0.000 min

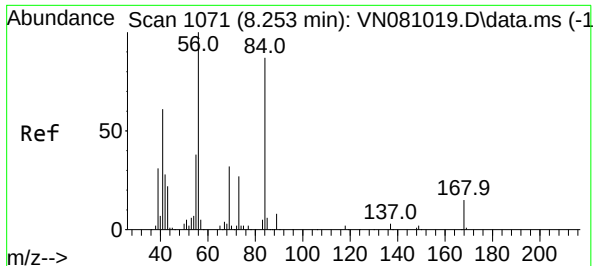
Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Tgt Ion: 83 Resp: 567086

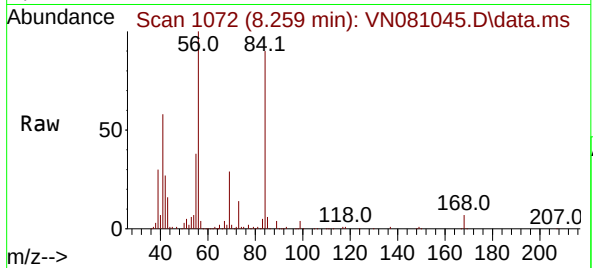
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.6





#31
Cyclohexane
Concen: 43.927 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

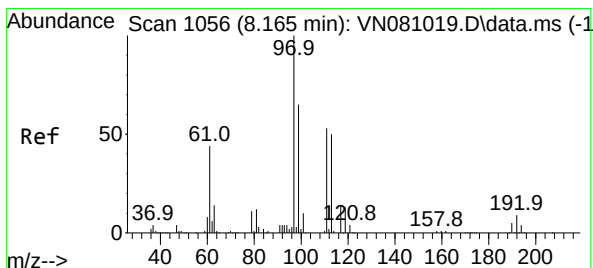
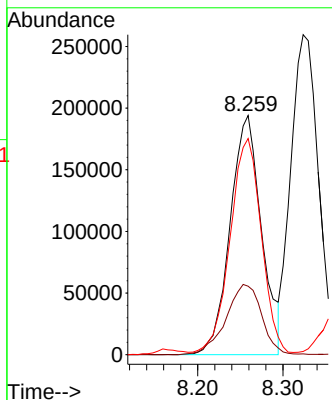
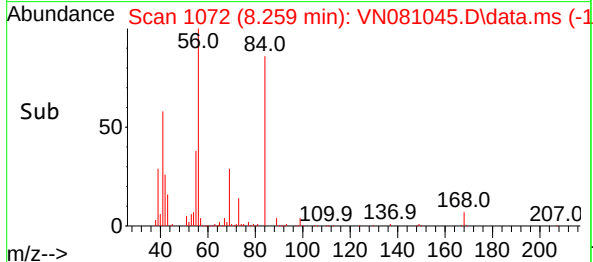
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



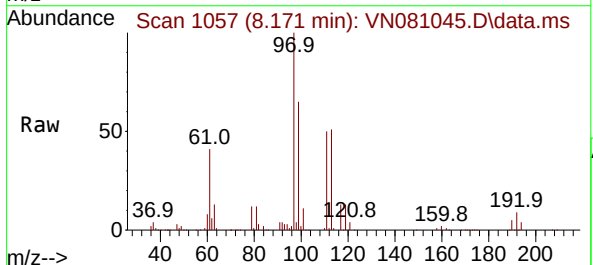
Tgt Ion: 56 Resp: 497244
Ion Ratio Lower Upper
56 100
69 28.0 20.1 30.1
84 88.9 56.9 85.3

Manual Integrations
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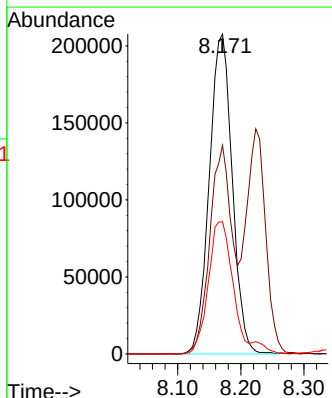
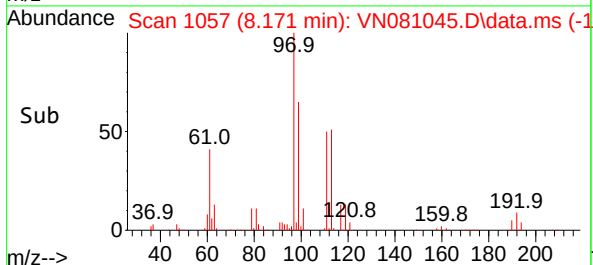
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

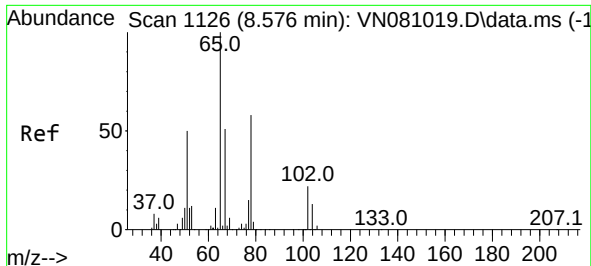


#32
1,1,1-Trichloroethane
Concen: 48.289 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion: 97 Resp: 524826
Ion Ratio Lower Upper
97 100
99 62.4 53.4 80.0
61 46.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 45.944 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 299379

Ion Ratio Lower Upper

65 100

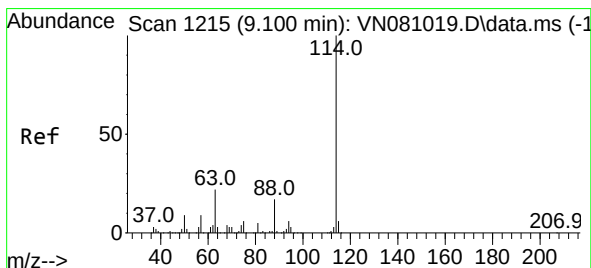
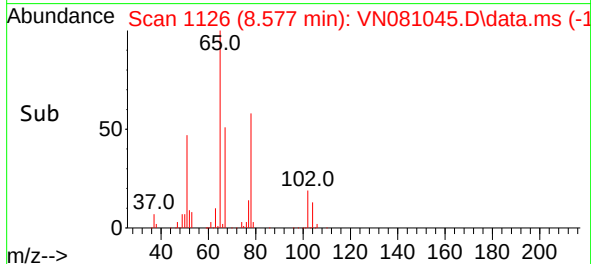
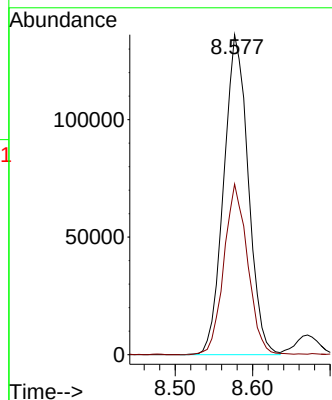
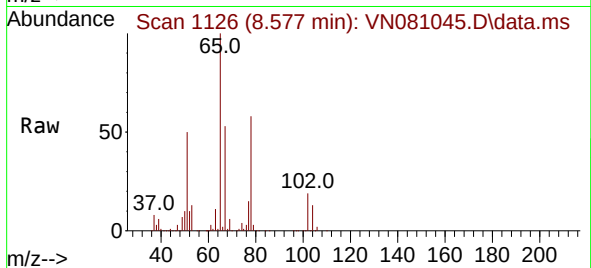
67 51.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

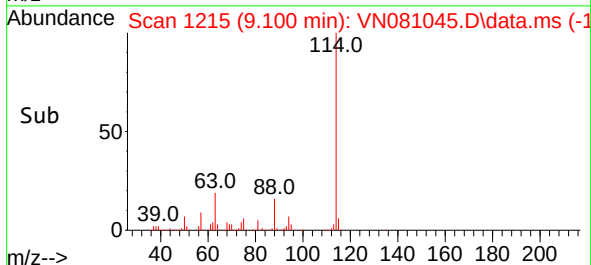
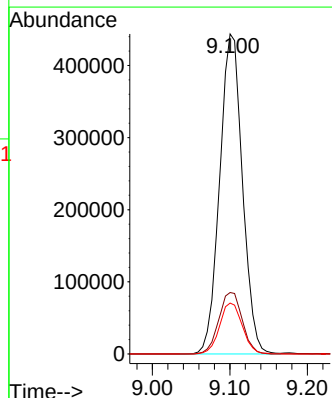
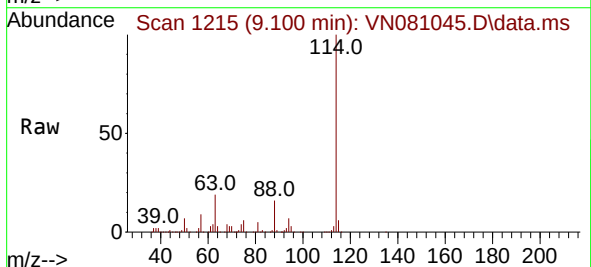
Tgt Ion:114 Resp: 906982

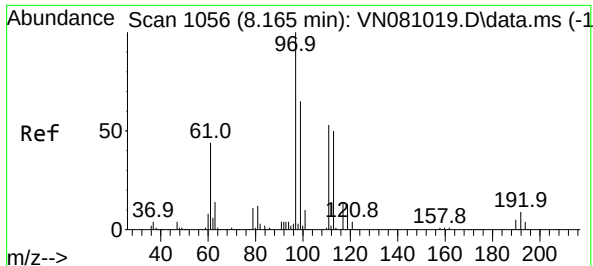
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

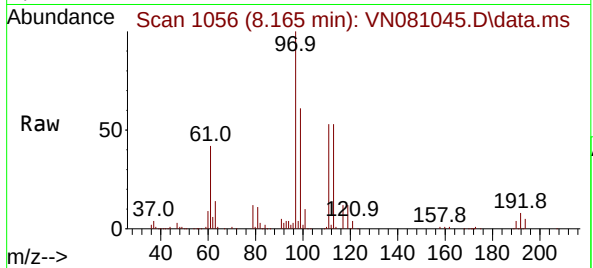
88 15.9 0.0 34.8





#35
Dibromofluoromethane
Concen: 48.515 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

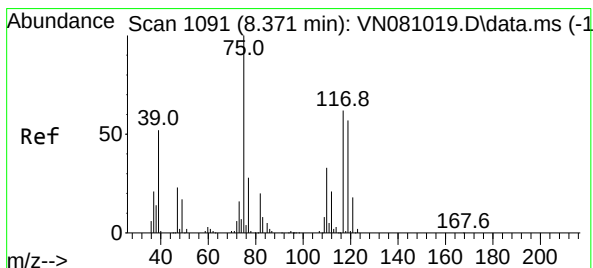
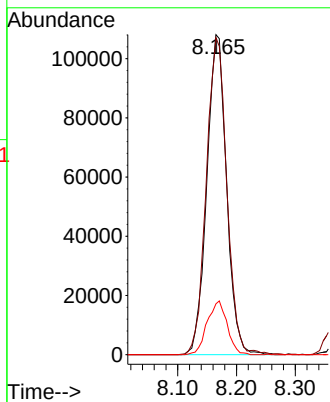
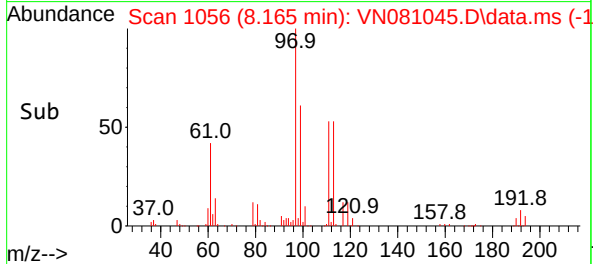
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 252290
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.0 12.5 18.7

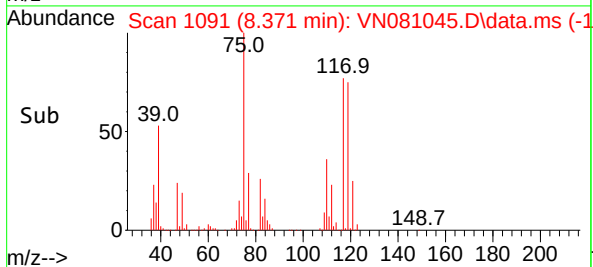
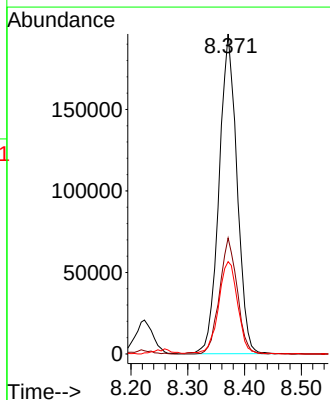
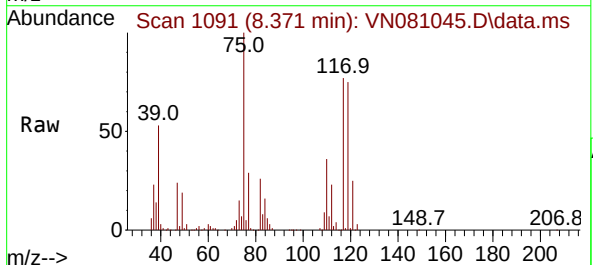
Manual Integrations
APPROVED

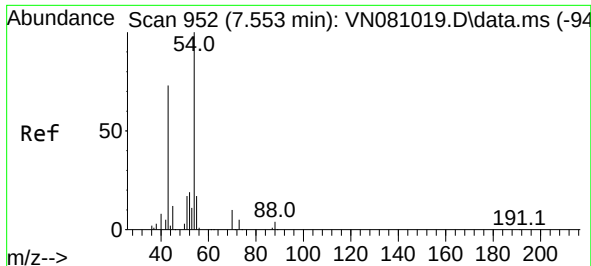
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#36
1,1-Dichloropropene
Concen: 49.714 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

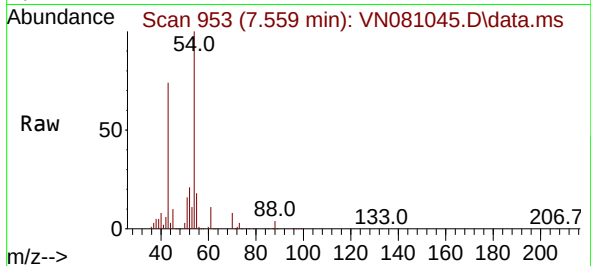
Tgt Ion: 75 Resp: 431340
Ion Ratio Lower Upper
75 100
110 35.6 16.0 48.0
77 30.9 25.8 38.6





#37
Ethyl Acetate
Concen: 49.320 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

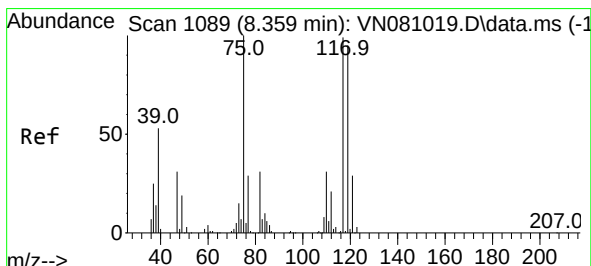
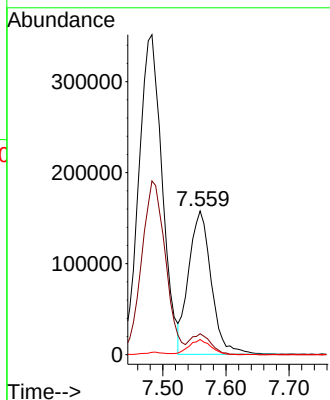
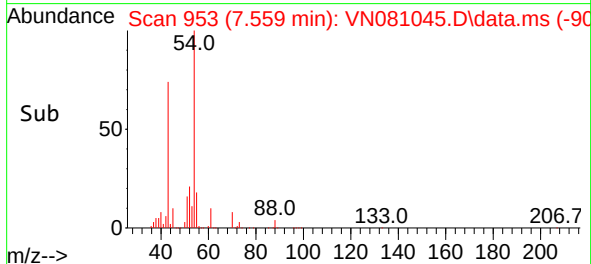
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 391450
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 10.2 8.0 12.0

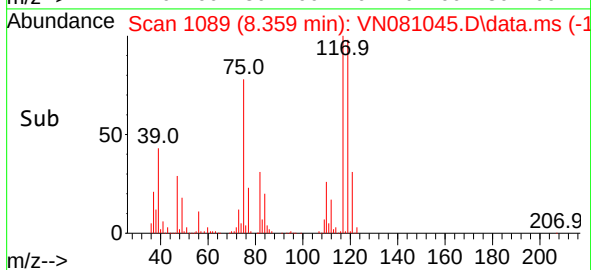
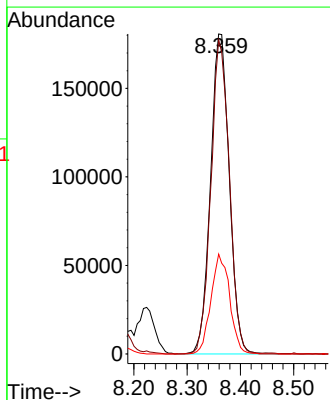
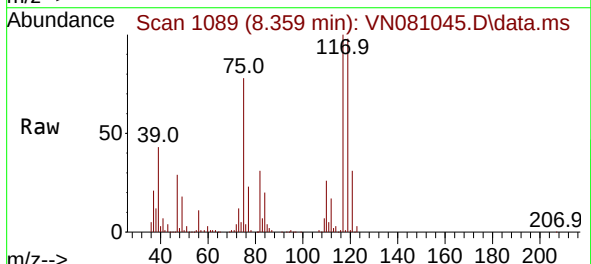
Manual Integrations
APPROVED

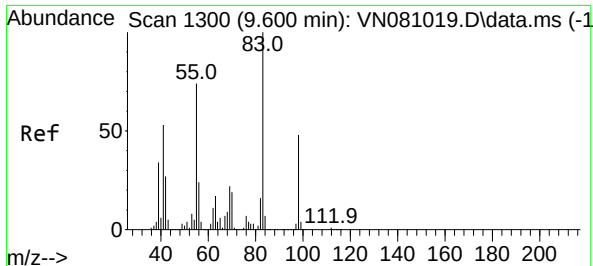
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#38
Carbon Tetrachloride
Concen: 69.767 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

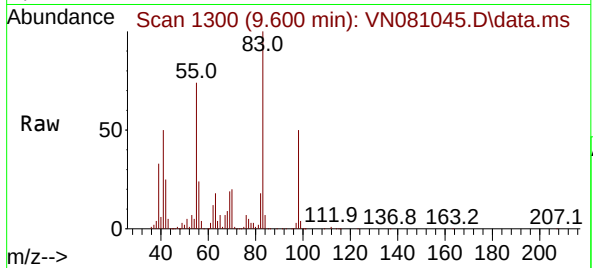
Tgt Ion:117 Resp: 443078
Ion Ratio Lower Upper
117 100
119 98.1 73.4 110.2
121 31.2 24.4 36.6





#39
Methylcyclohexane
Concen: 45.985 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

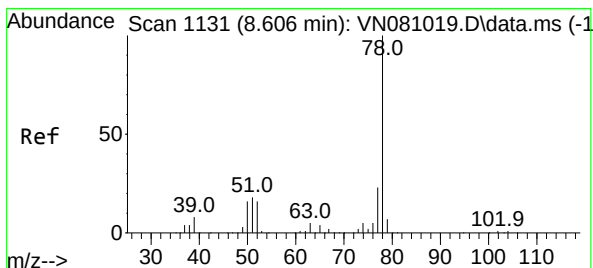
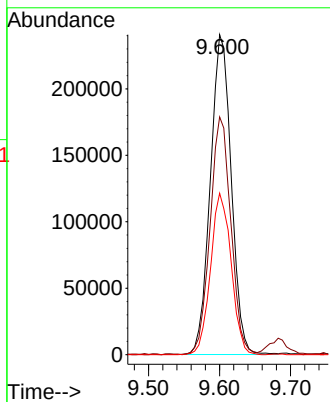
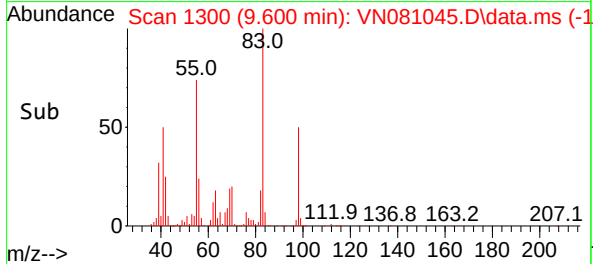
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 490860
Ion Ratio Lower Upper
83 100
55 74.1 65.7 98.5
98 50.5 33.8 50.6

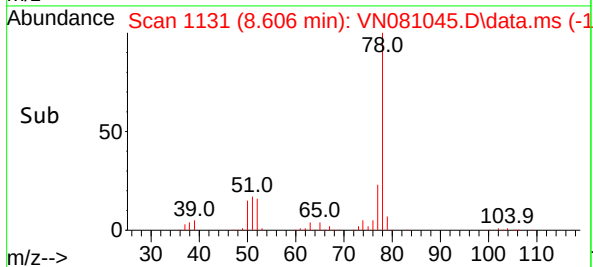
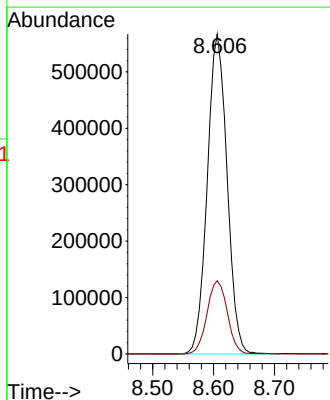
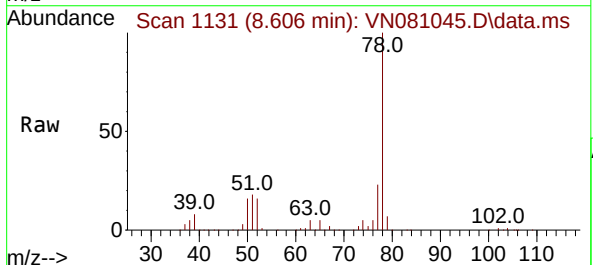
Manual Integrations
APPROVED

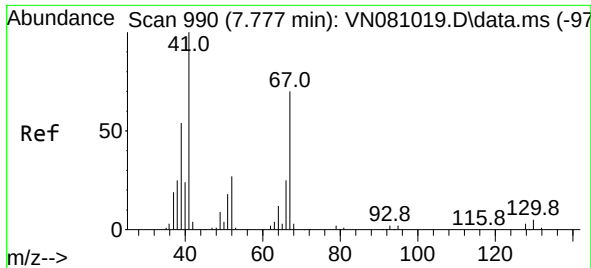
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#40
Benzene
Concen: 49.830 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

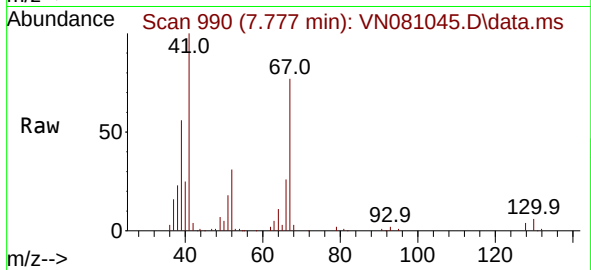
Tgt Ion: 78 Resp: 1278538
Ion Ratio Lower Upper
78 100
77 22.9 20.4 30.6





#41
Methacrylonitrile
Concen: 48.332 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

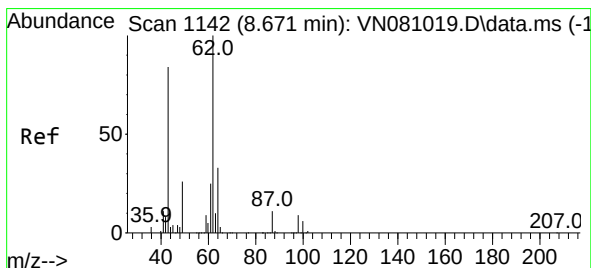
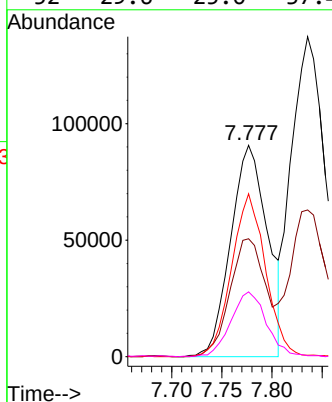
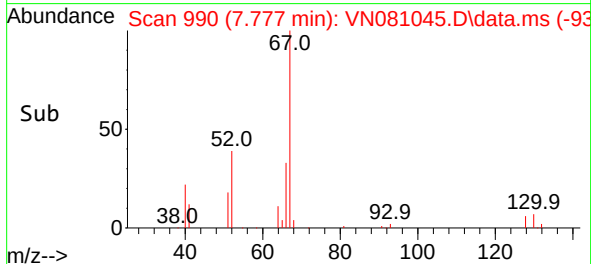
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



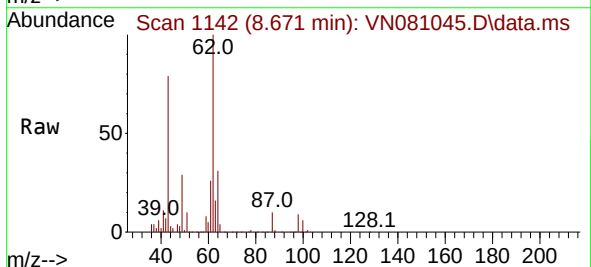
Tgt Ion: 41 Resp: 232860
Ion Ratio Lower Upper
41 100
39 52.6 48.4 72.6
67 71.2 56.8 85.2
52 29.6 25.0 37.4

Manual Integrations
APPROVED

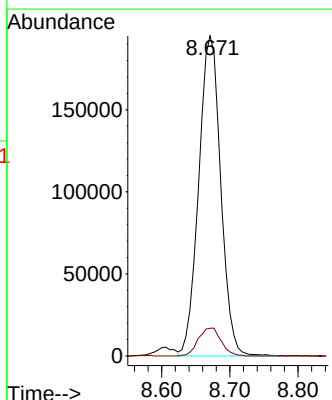
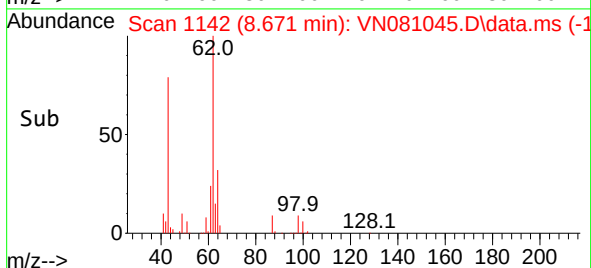
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

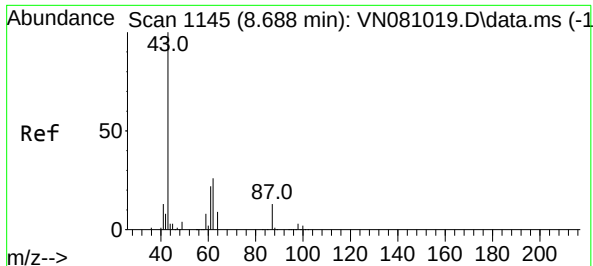


#42
1,2-Dichloroethane
Concen: 48.089 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion: 62 Resp: 437970
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





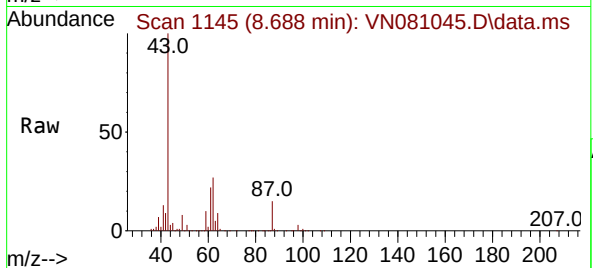
#43
Isopropyl Acetate
Concen: 46.870 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



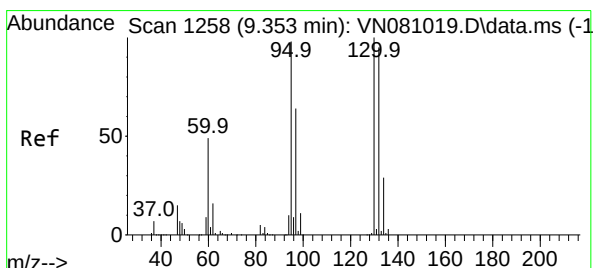
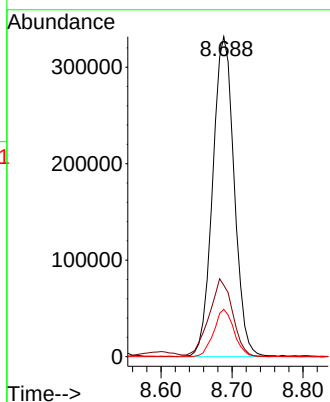
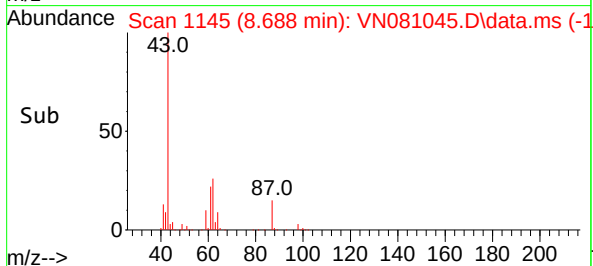
Tgt Ion: 43 Resp: 696960
Ion Ratio Lower Upper
43 100
61 26.7 19.9 29.9
87 14.0 9.0 13.6

Manual Integrations

APPROVED

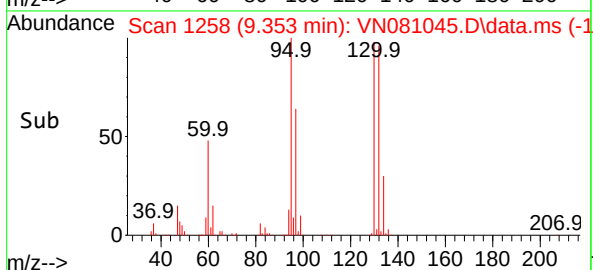
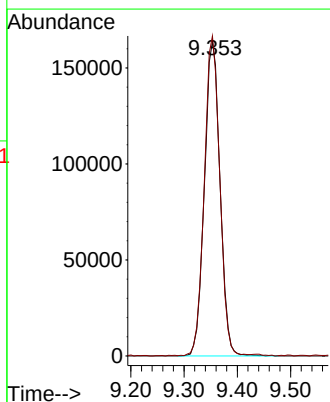
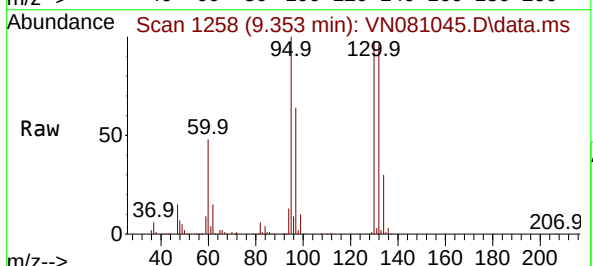
Reviewed By :John Carlone 02/16/2024

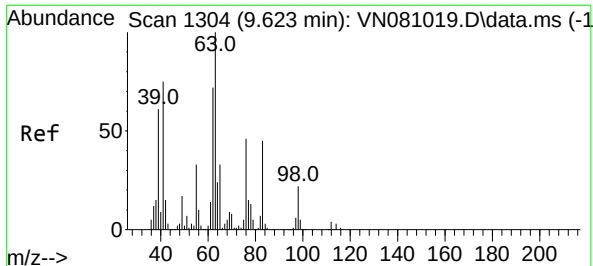
Supervised By :Mahesh Dadoda 02/16/2024



#44
Trichloroethene
Concen: 43.920 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Tgt Ion:130 Resp: 333770
Ion Ratio Lower Upper
130 100
95 101.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 49.712 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 315520

Ion Ratio Lower Upper

63 100

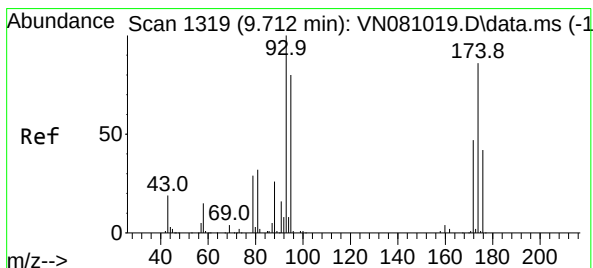
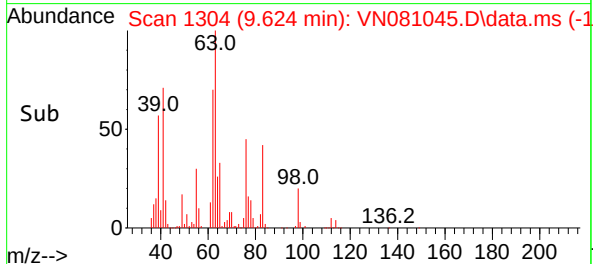
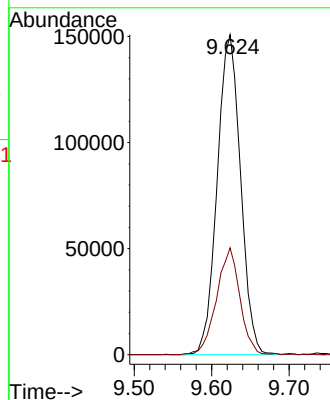
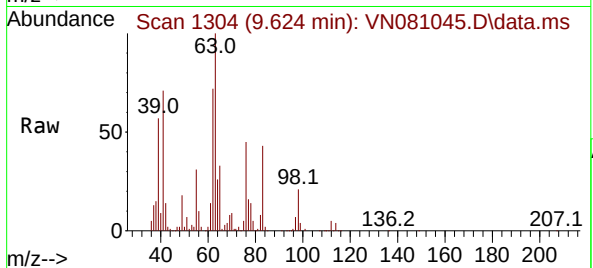
65 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#46

Dibromomethane

Concen: 49.859 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

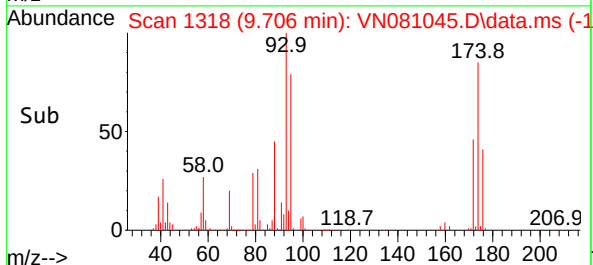
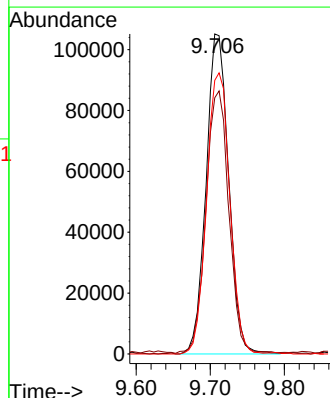
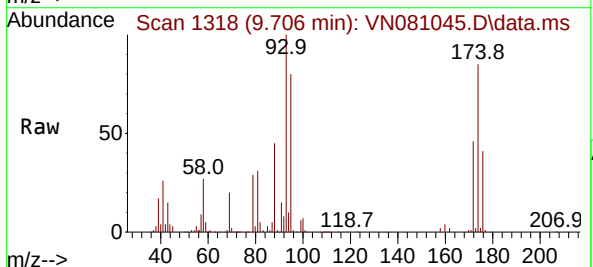
Tgt Ion: 93 Resp: 223373

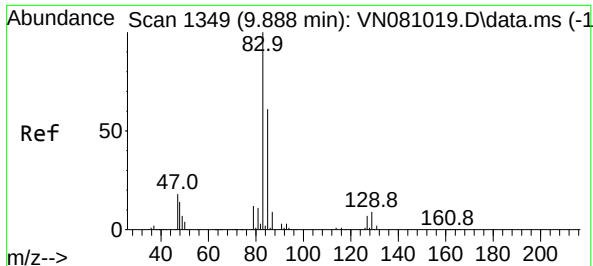
Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

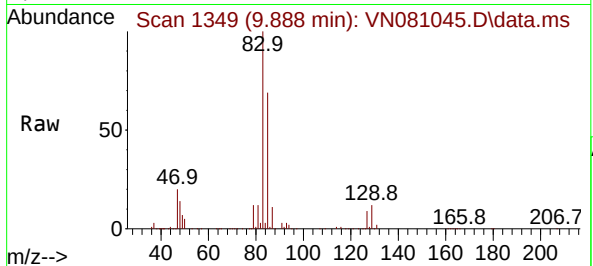
174 90.1 57.2 85.8





#47
Bromodichloromethane
Concen: 51.531 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

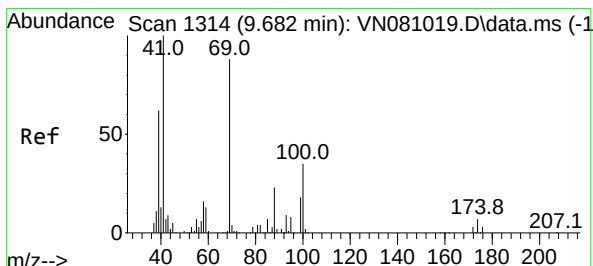
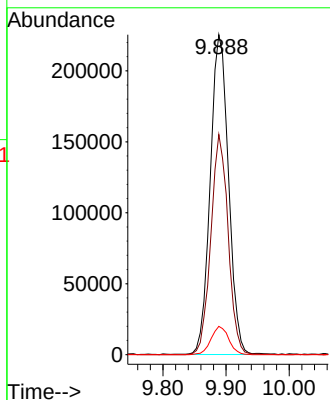
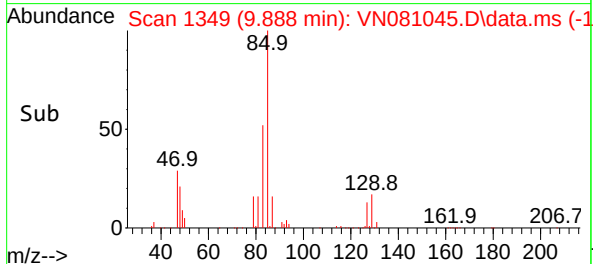
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



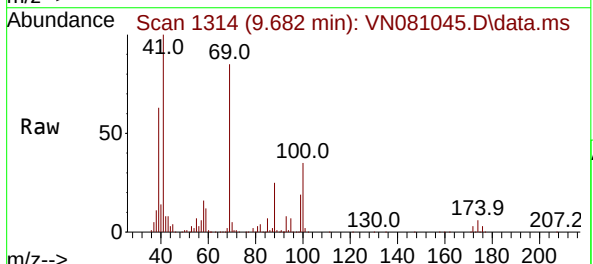
Tgt Ion: 83 Resp: 452460
Ion Ratio Lower Upper
83 100
85 68.9 52.3 78.5
127 8.9 4.6 7.0

Manual Integrations
APPROVED

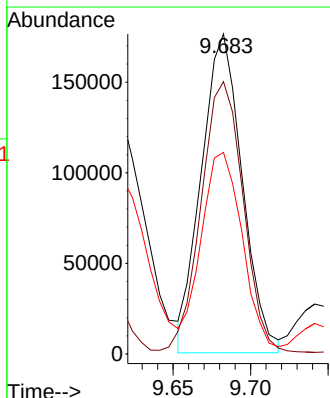
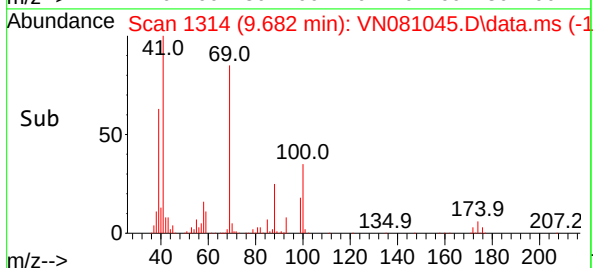
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

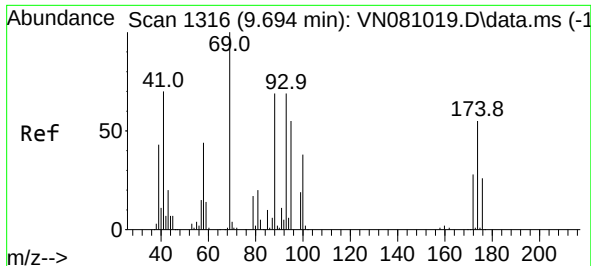


#48
Methyl methacrylate
Concen: 46.066 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion: 41 Resp: 322517
Ion Ratio Lower Upper
41 100
69 88.7 62.2 93.2
39 64.4 47.6 71.4





#49

1,4-Dioxane

Concen: 1085.497 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 12946

Ion Ratio Lower Upper

88 100

43 23.8 30.1 45.1

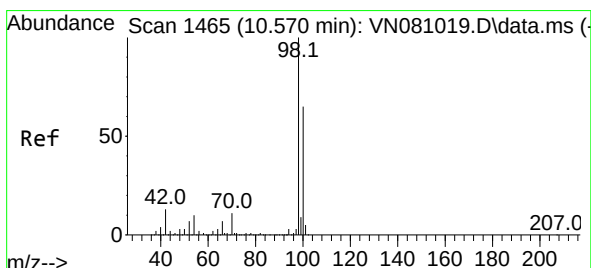
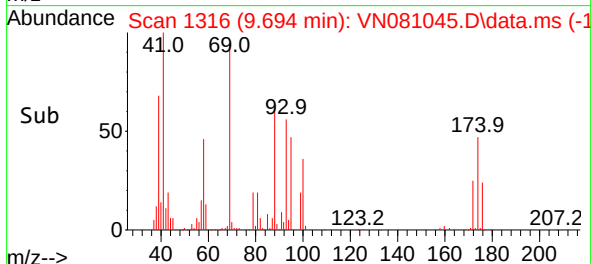
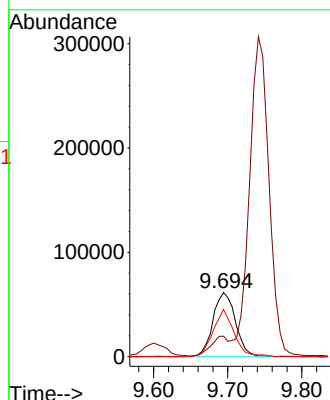
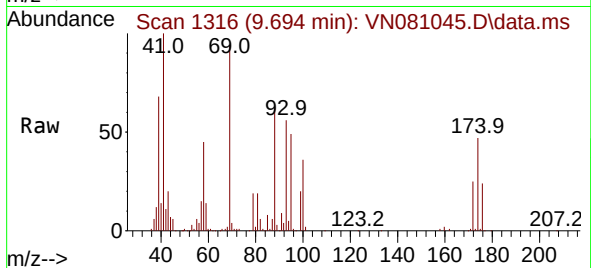
58 68.5 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#50

Toluene-d8

Concen: 49.267 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081045.D

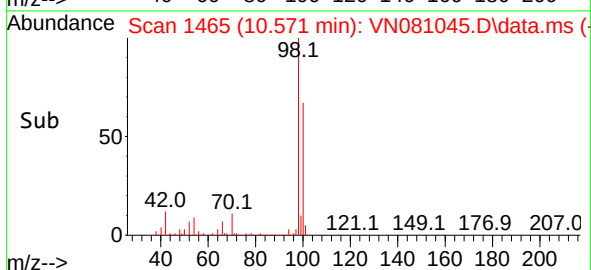
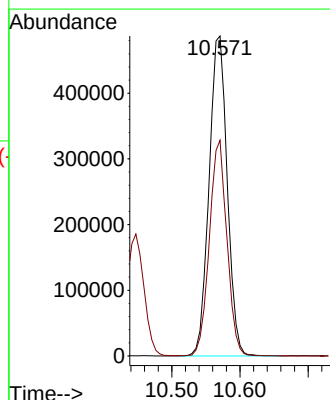
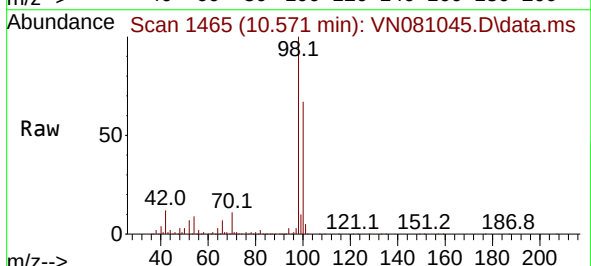
Acq: 15 Feb 2024 17:43

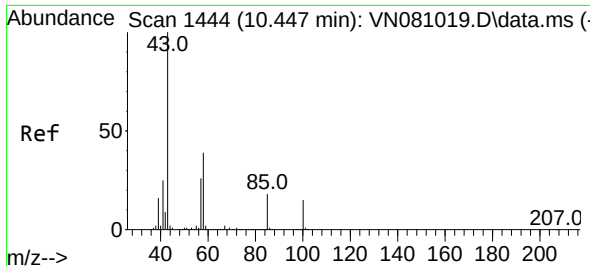
Tgt Ion: 98 Resp: 903554

Ion Ratio Lower Upper

98 100

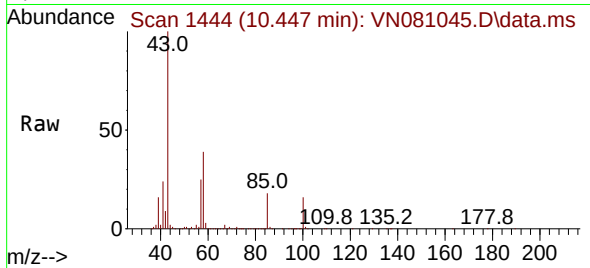
100 65.0 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 246.256 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

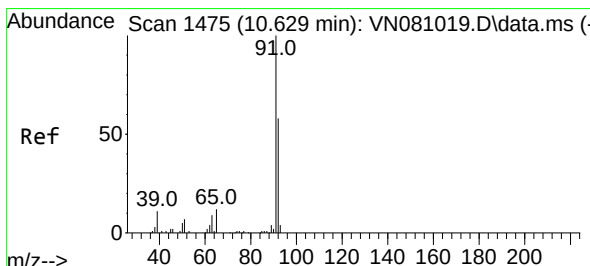
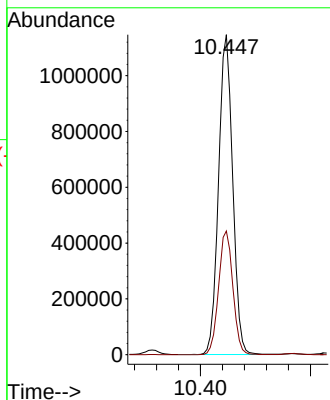
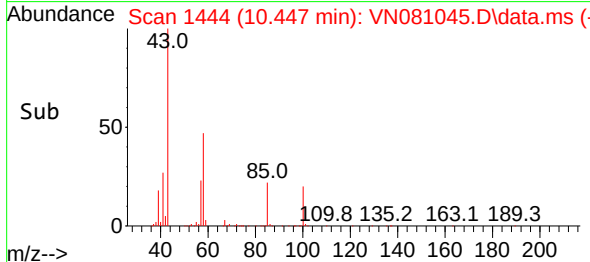
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 204216
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.0

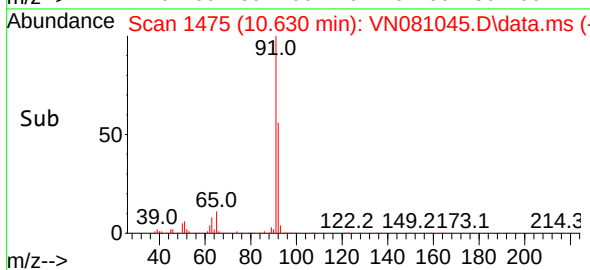
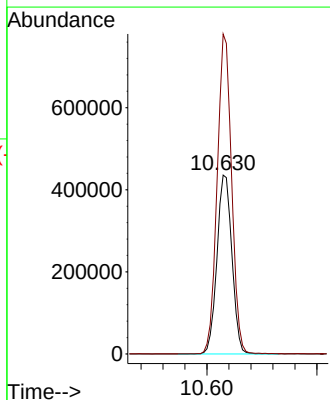
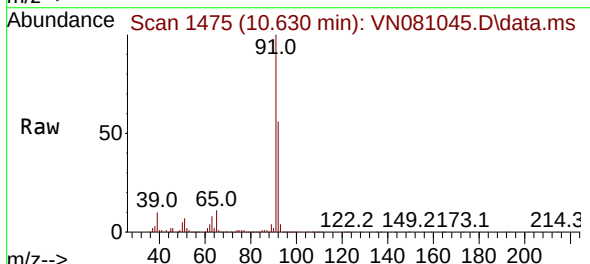
Manual Integrations
APPROVED

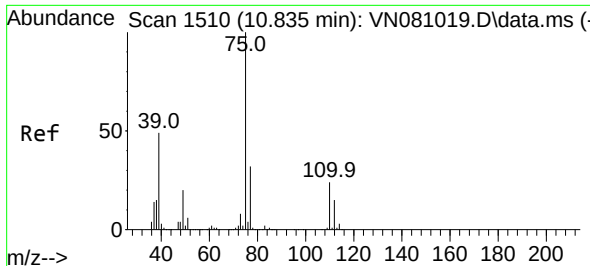
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#52
Toluene
Concen: 51.277 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

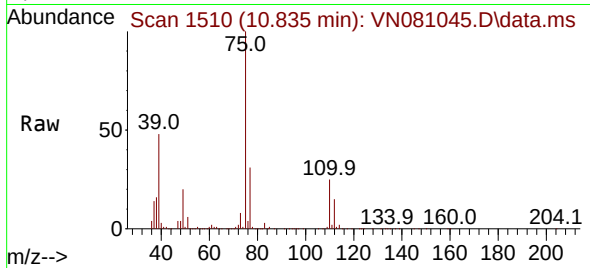
Tgt Ion: 92 Resp: 821839
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 50.327 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

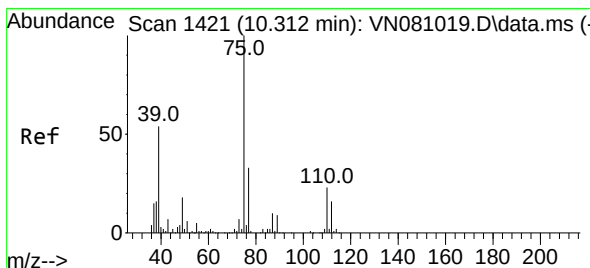
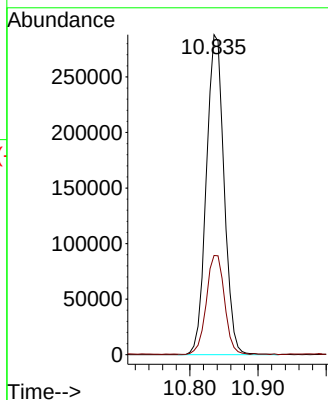
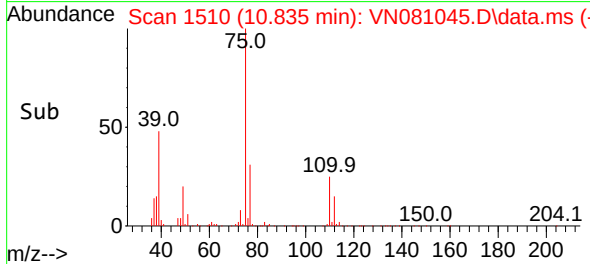
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 520609
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3

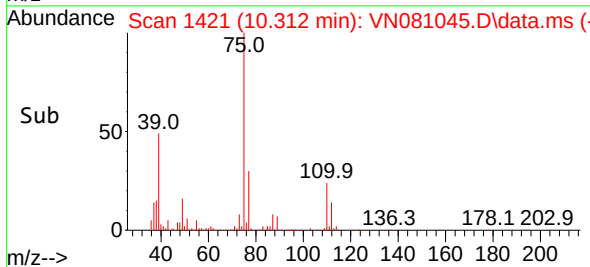
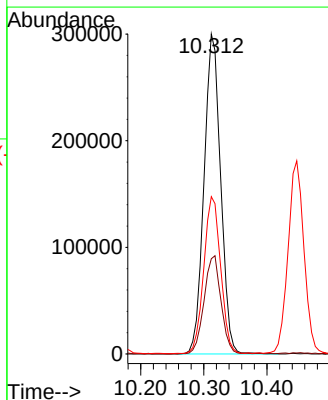
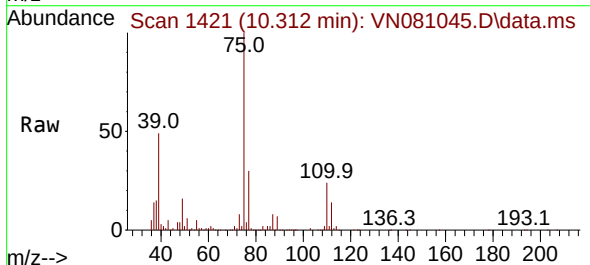
Manual Integrations
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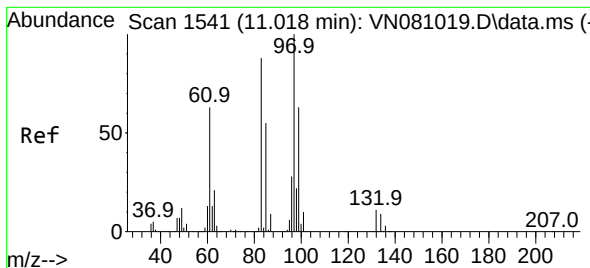
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#54
cis-1,3-Dichloropropene
Concen: 50.192 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

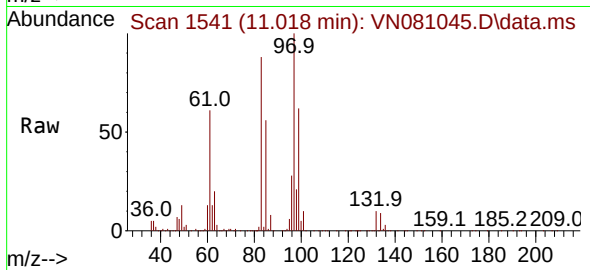
Tgt Ion: 75 Resp: 549113
Ion Ratio Lower Upper
75 100
77 29.7 23.3 34.9
39 48.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 52.967 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

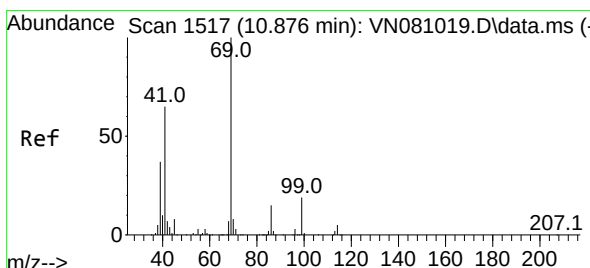
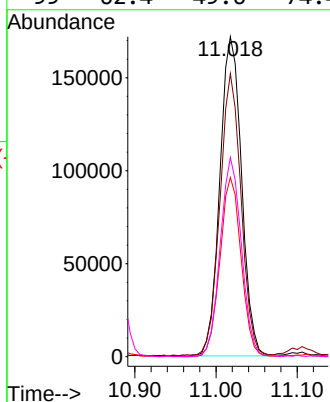
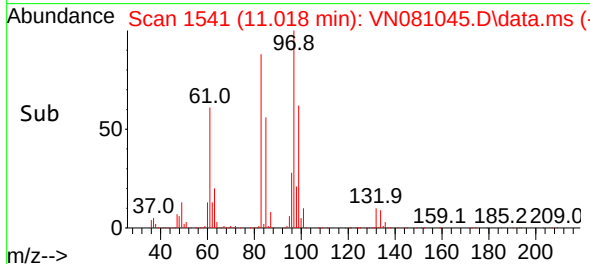
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



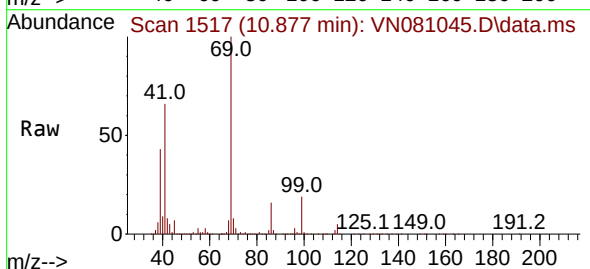
Tgt Ion:	97	Resp:	31923
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.9	109.3
85	56.1	50.2	75.2
99	62.4	49.6	74.4

Manual Integrations
APPROVED

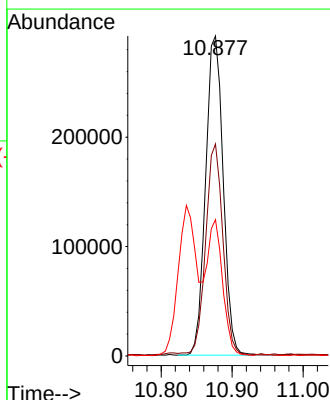
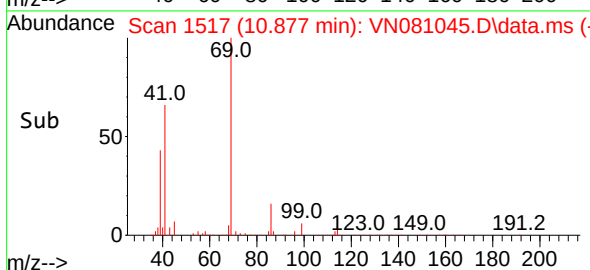
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

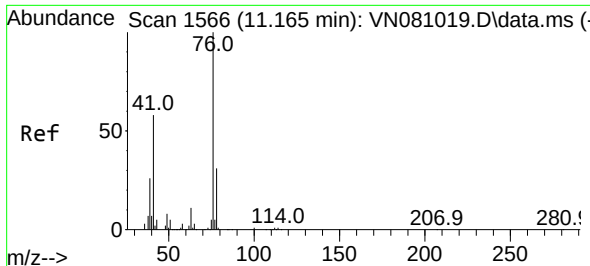


#56
Ethyl methacrylate
Concen: 50.864 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion:	69	Resp:	501951
Ion	Ratio	Lower	Upper
69	100		
41	64.7	61.0	91.6
39	36.4	31.8	47.6





#57

1,3-Dichloropropane

Concen: 50.819 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081045.D

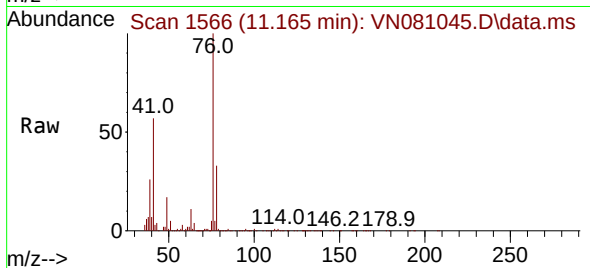
Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 54717

Ion Ratio Lower Upper

76 100

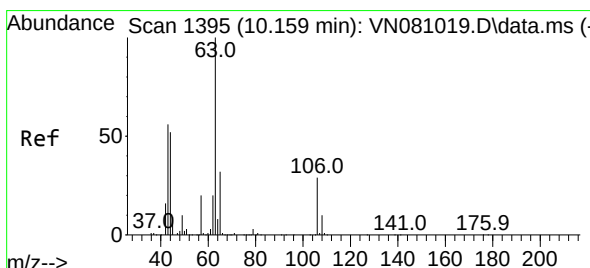
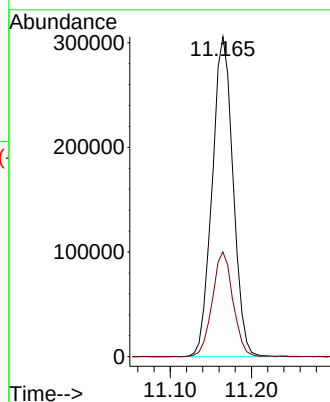
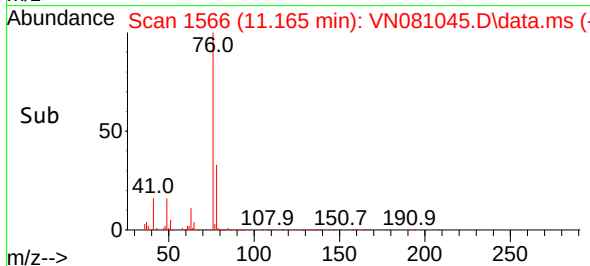
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 241.633 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081045.D

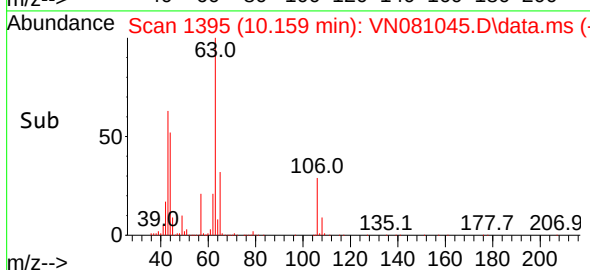
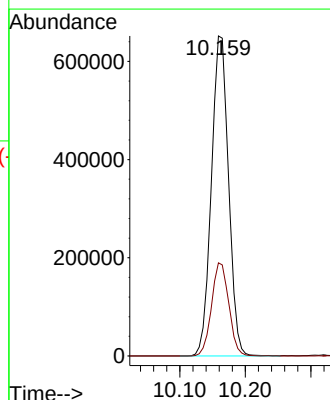
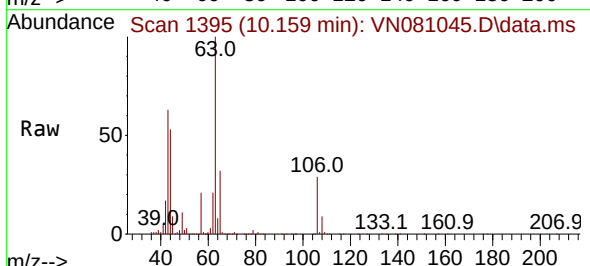
Acq: 15 Feb 2024 17:43

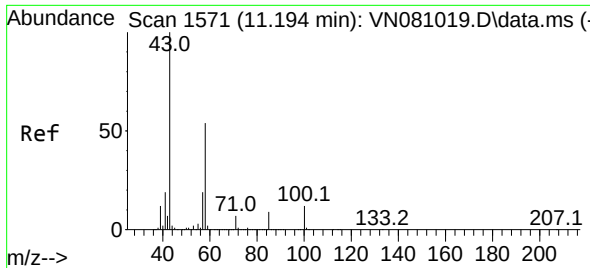
Tgt Ion: 63 Resp: 1183215

Ion Ratio Lower Upper

63 100

106 29.3 18.6 28.0#





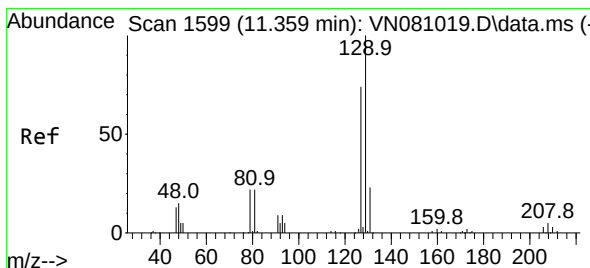
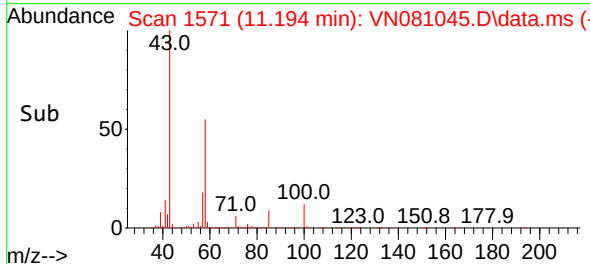
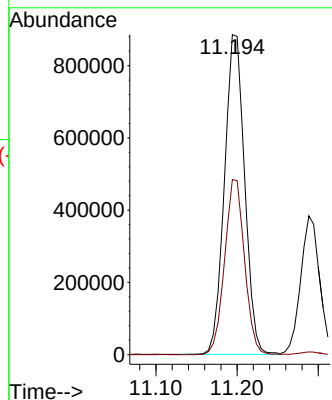
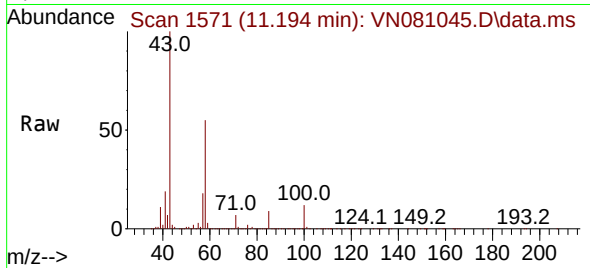
#59
2-Hexanone
Concen: 251.628 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1532520
Ion Ratio Lower Upper
43 100
58 54.1 25.9 77.8

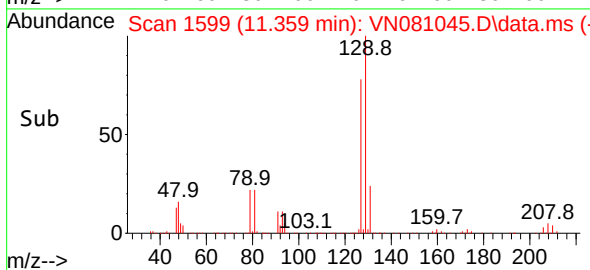
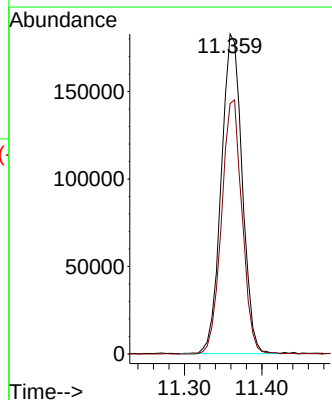
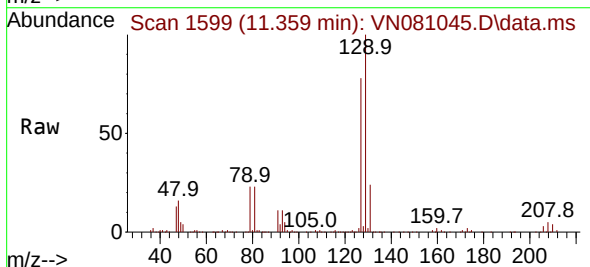
Manual Integrations
APPROVED

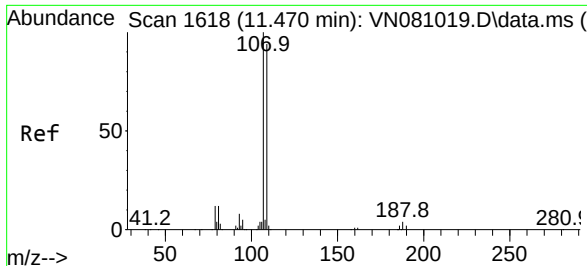
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#60
Dibromochloromethane
Concen: 59.951 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

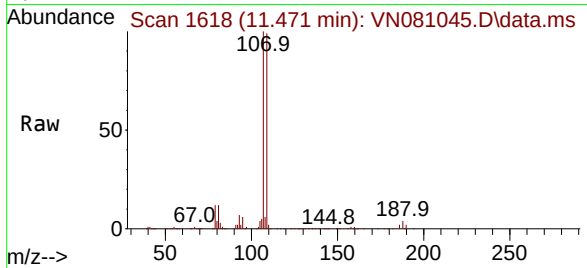
Tgt Ion:129 Resp: 343581
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.563 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

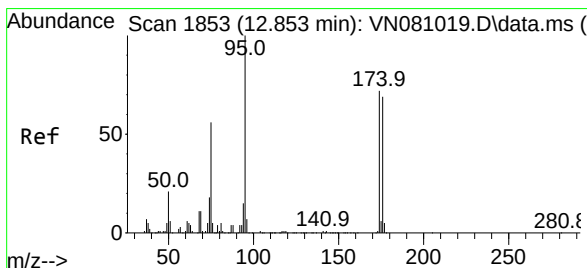
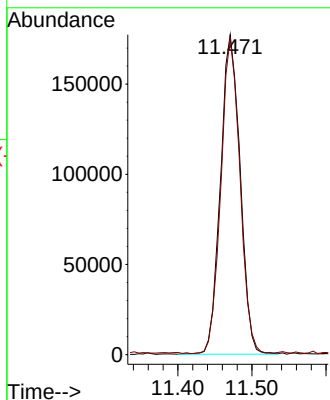
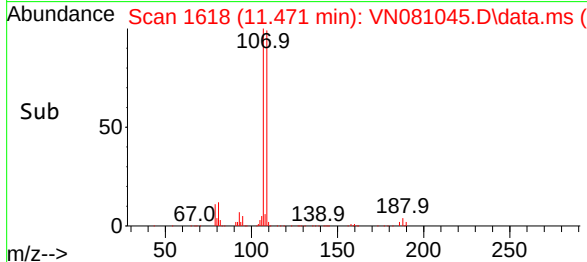
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



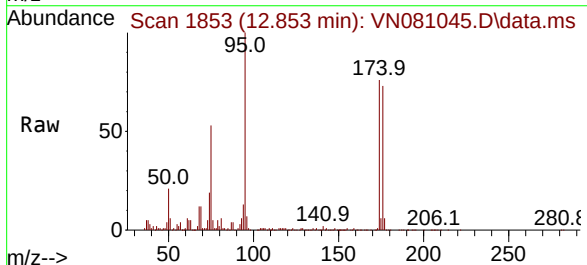
Tgt Ion:107 Resp: 32677
Ion Ratio Lower Upper
107 100
109 95.5 73.4 110.2

Manual Integrations
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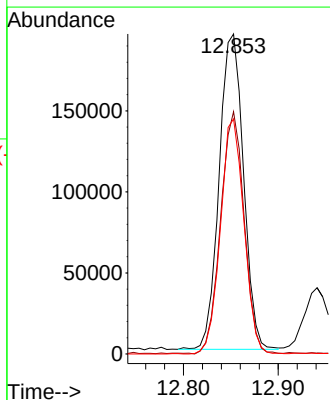
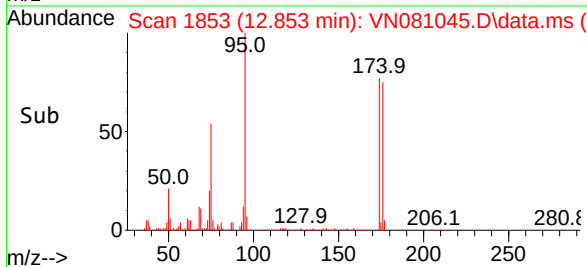
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

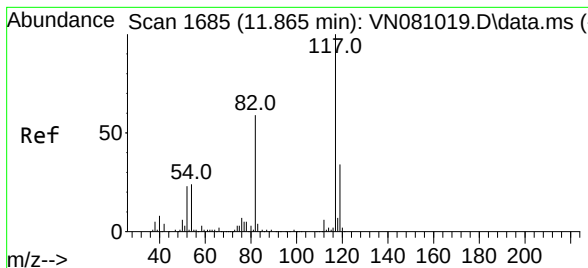


#62
4-Bromofluorobenzene
Concen: 55.584 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion: 95 Resp: 346701
Ion Ratio Lower Upper
95 100
174 73.8 0.0 120.4
176 72.1 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 815979

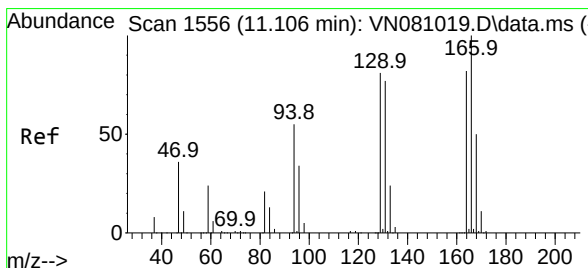
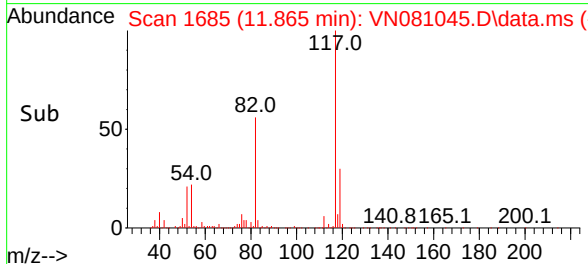
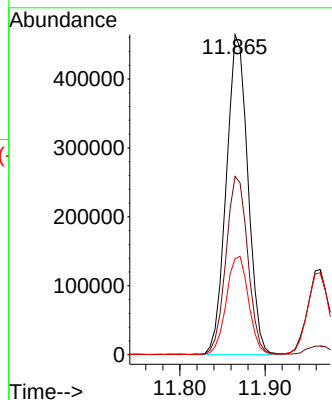
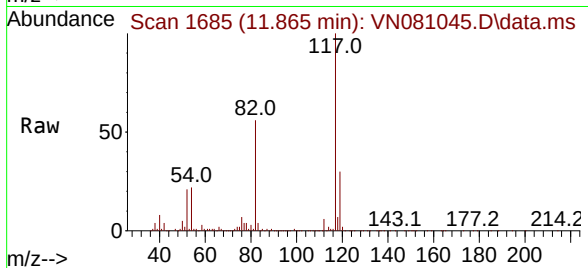
Ion	Ratio	Lower	Upper
117	100		
82	55.6	52.7	79.1
119	29.9	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#64

Tetrachloroethene

Concen: 35.250 ug/l

RT: 11.106 min Scan# 1556

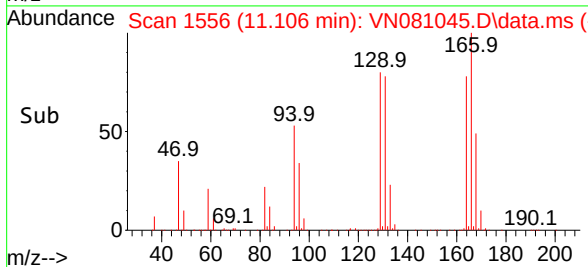
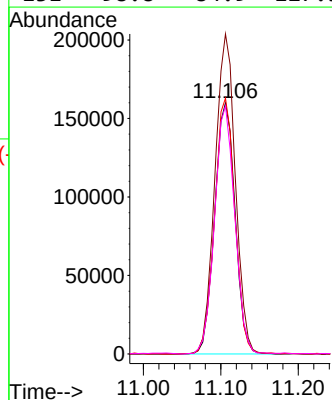
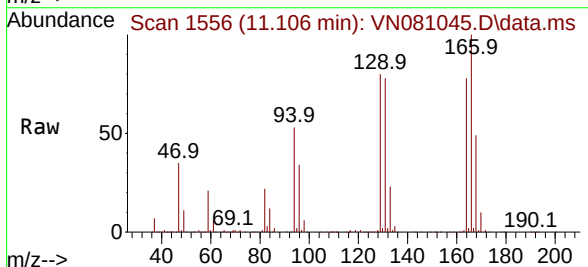
Delta R.T. 0.000 min

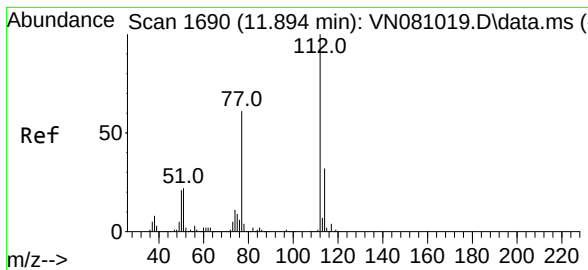
Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Tgt Ion:164 Resp: 293235

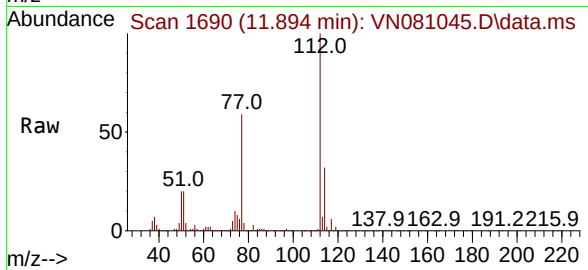
Ion	Ratio	Lower	Upper
164	100		
166	127.5	105.8	158.6
129	101.9	89.6	134.4
131	98.8	84.9	127.3





#65
Chlorobenzene
Concen: 50.992 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

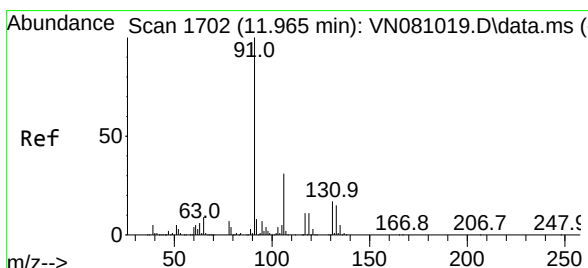
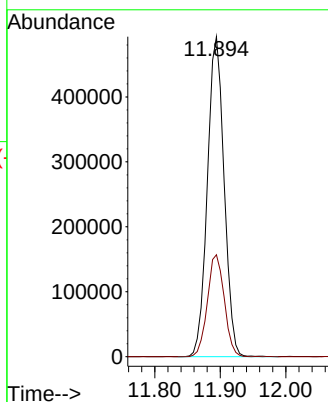
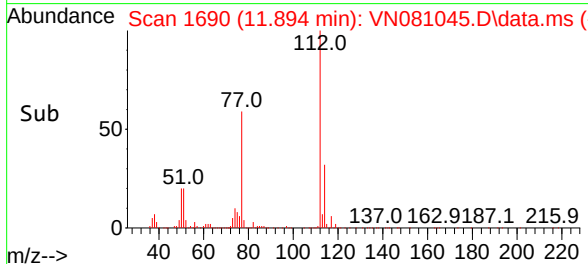
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



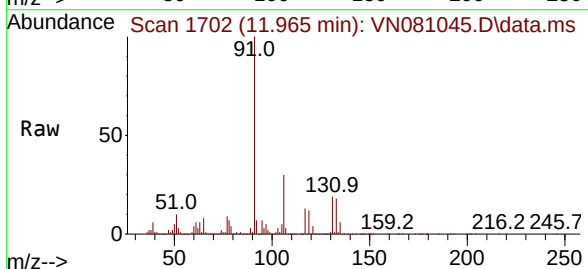
Tgt Ion:112 Resp: 872495
Ion Ratio Lower Upper
112 100
114 31.9 23.7 35.5

Manual Integrations
APPROVED

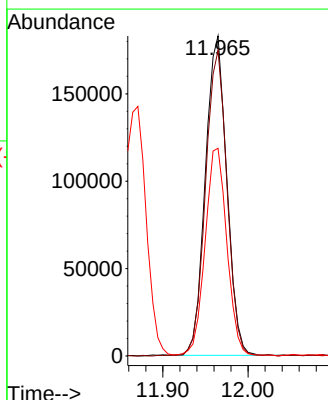
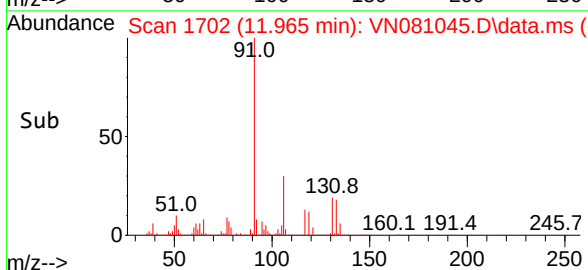
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

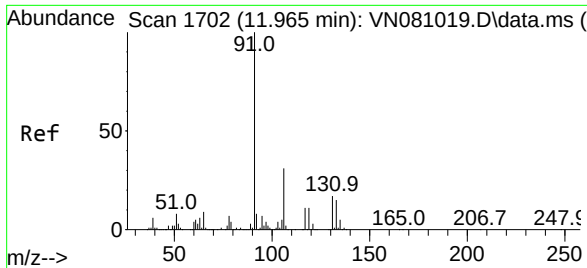


#66
1,1,1,2-Tetrachloroethane
Concen: 54.285 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



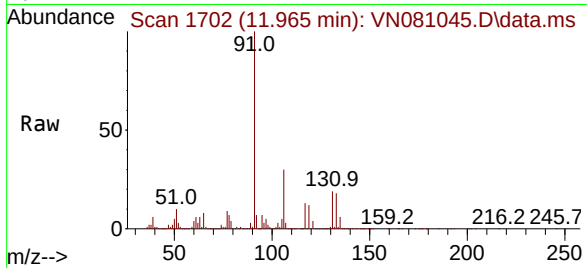
Tgt Ion:131 Resp: 319779
Ion Ratio Lower Upper
131 100
133 96.0 46.8 140.3
119 66.4 34.6 103.9





#67
Ethyl Benzene
Concen: 50.187 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

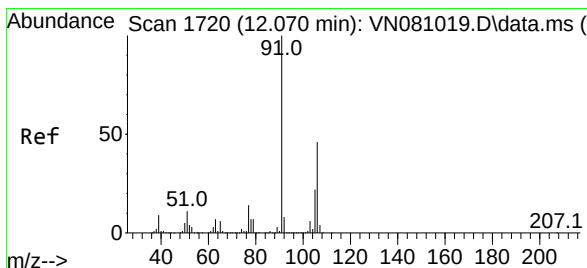
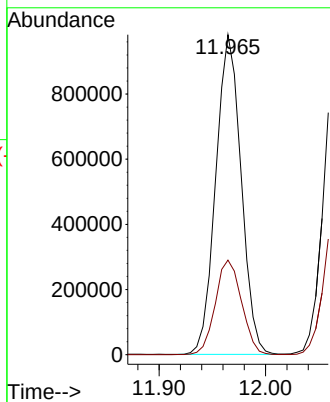
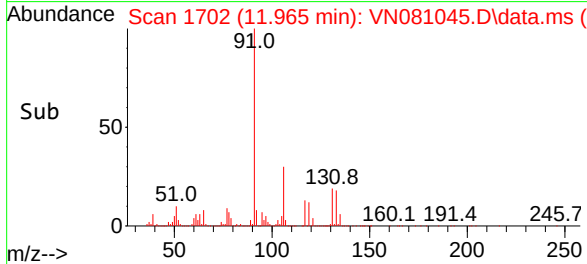
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



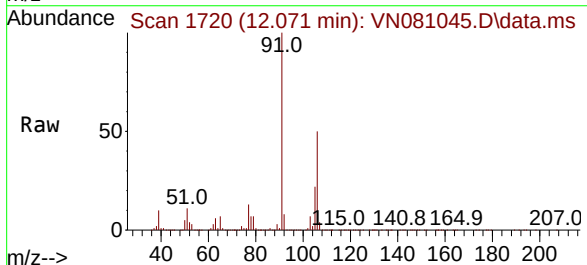
Tgt Ion: 91 Resp: 161891
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6

Manual Integrations
APPROVED

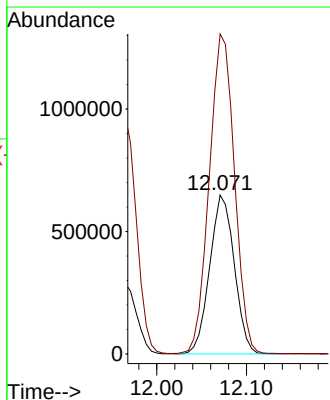
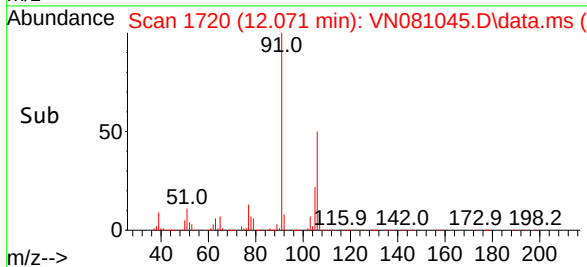
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

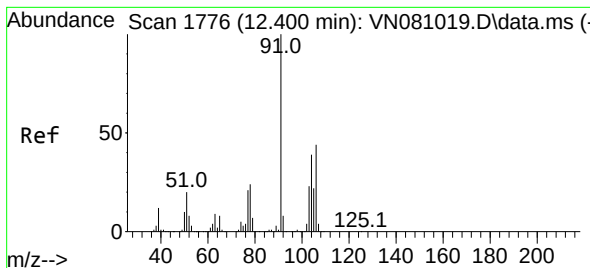


#68
m/p-Xylenes
Concen: 103.726 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion:106 Resp: 1233890
Ion Ratio Lower Upper
106 100
91 206.4 169.0 253.6





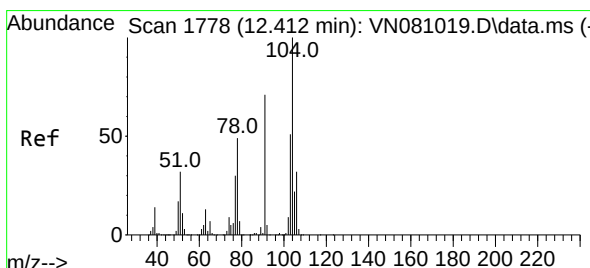
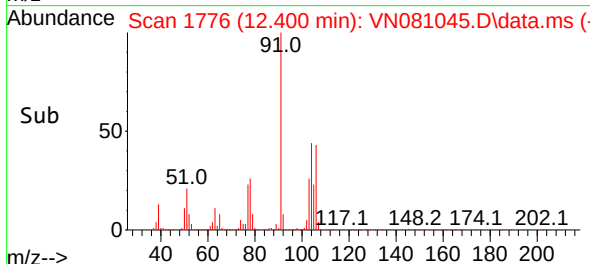
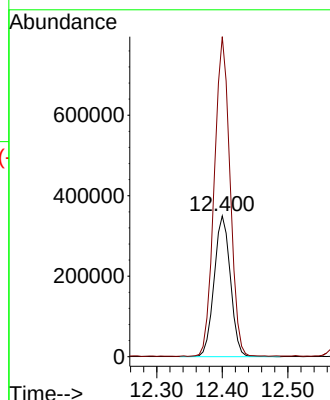
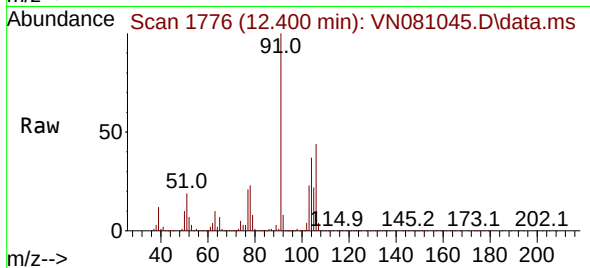
#69
o-Xylene
Concen: 51.863 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 598340
Ion Ratio Lower Upper
106 100
91 221.3 112.1 336.3

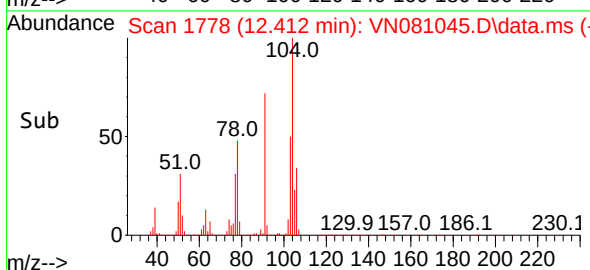
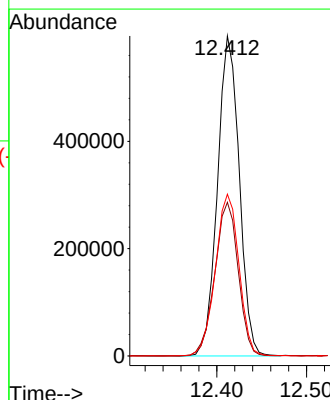
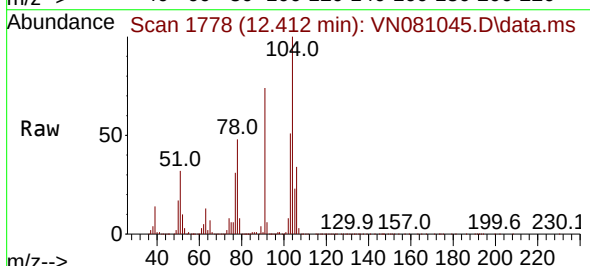
Manual Integrations
APPROVED

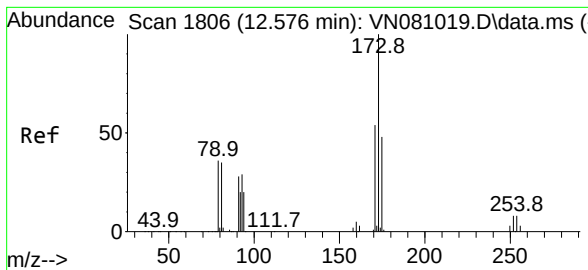
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#70
Styrene
Concen: 54.711 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

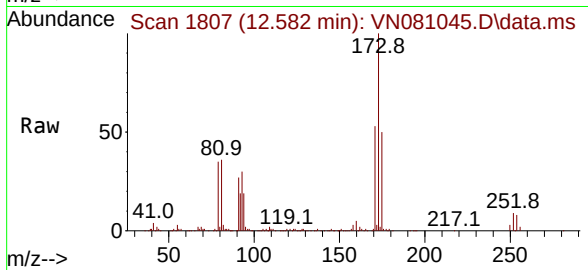
Tgt Ion:104 Resp: 1006027
Ion Ratio Lower Upper
104 100
78 51.5 43.8 65.8
103 54.6 44.2 66.2





#71
Bromoform
Concen: 71.036 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

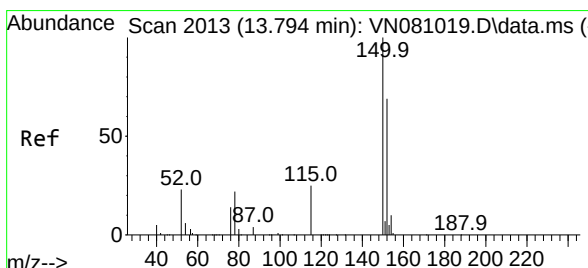
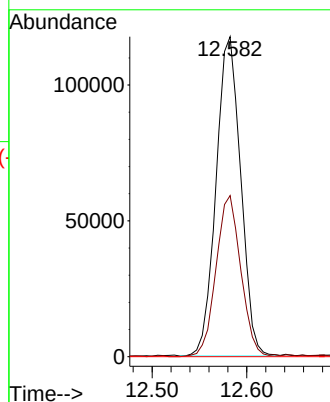
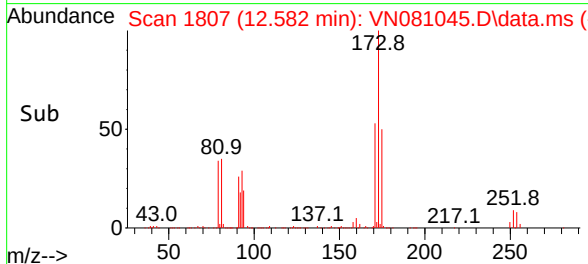
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



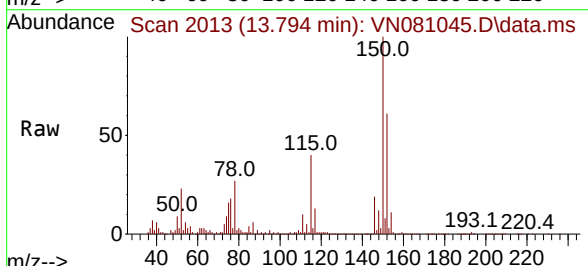
Tgt Ion:173 Resp: 21289
Ion Ratio Lower Upper
173 100
175 50.8 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

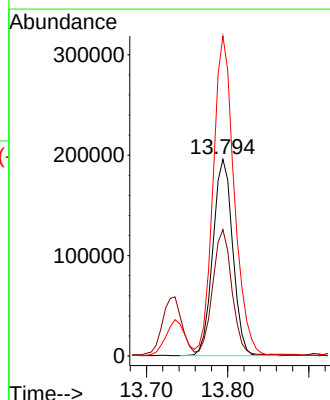
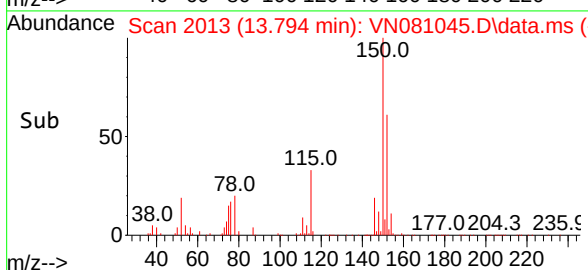
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

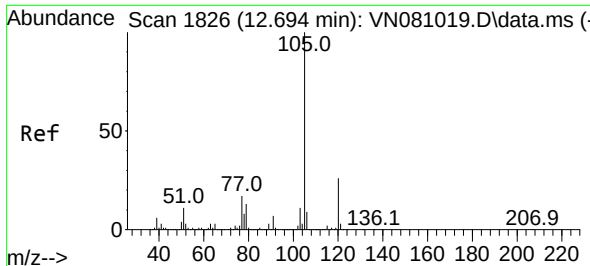


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion:152 Resp: 331540
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 172.4 0.0 339.8





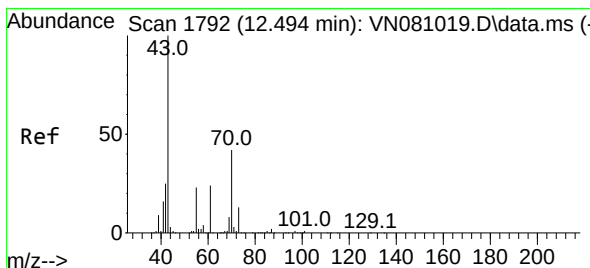
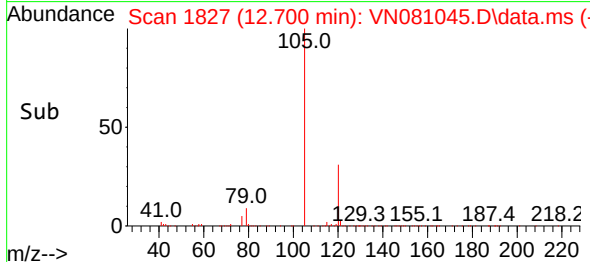
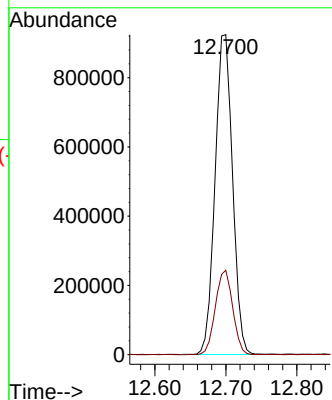
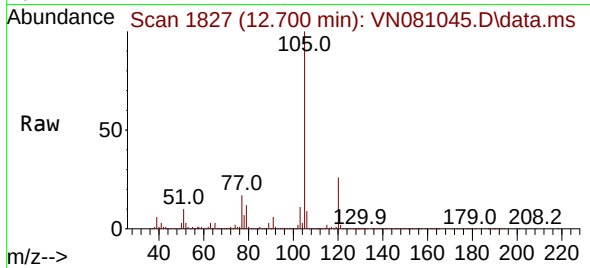
#73
Isopropylbenzene
Concen: 46.960 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 157303
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

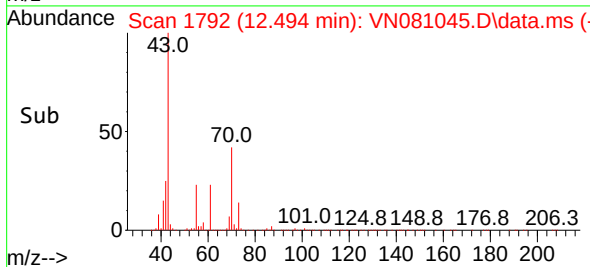
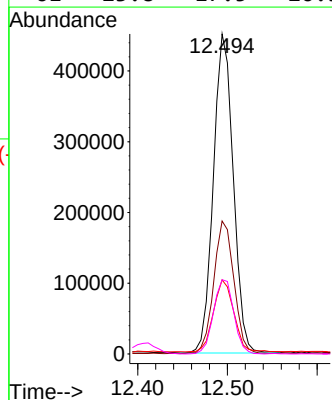
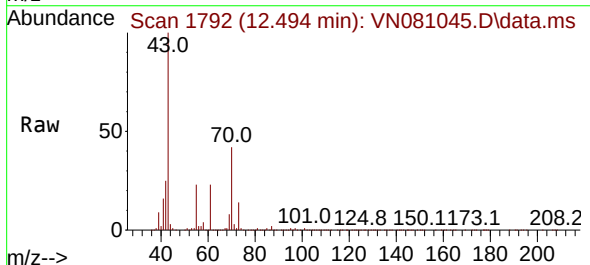
Manual Integrations
APPROVED

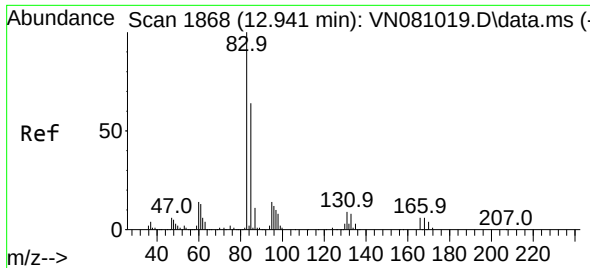
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#74
N-ethyl acetate
Concen: 45.087 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

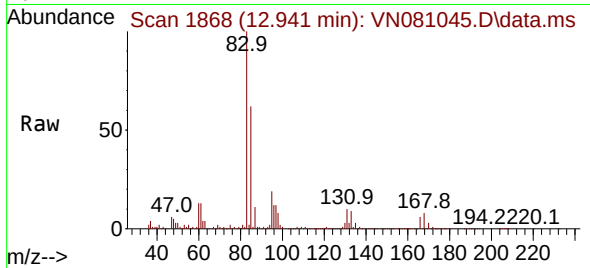
Tgt Ion: 43 Resp: 694845
Ion Ratio Lower Upper
43 100
70 42.3 30.1 45.1
55 23.1 17.0 25.4
61 23.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 45.754 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

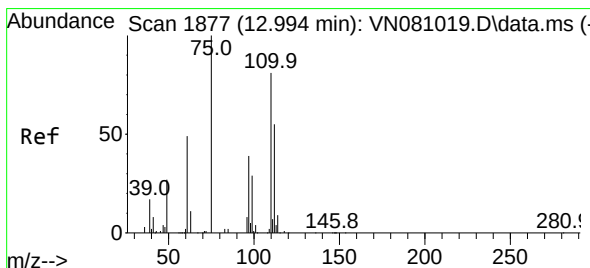
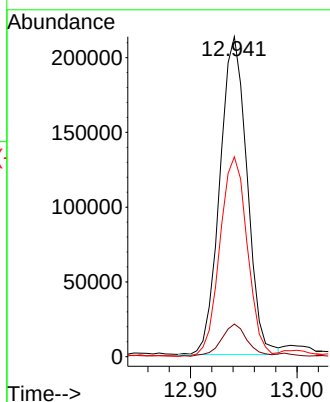
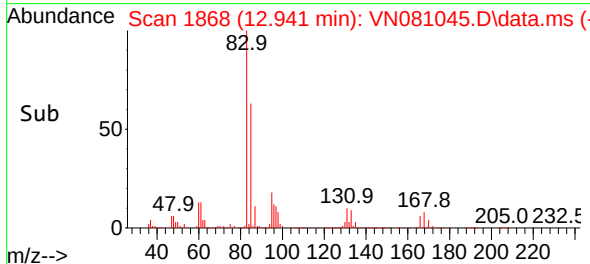
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



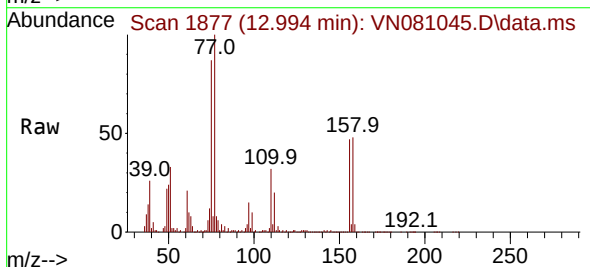
Tgt Ion: 83 Resp: 37617
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 63.4 32.1 96.3

Manual Integrations
APPROVED

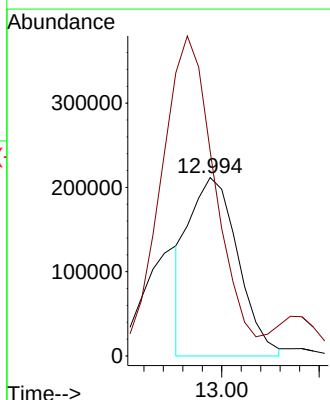
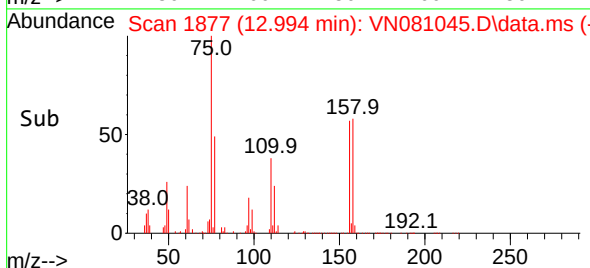
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

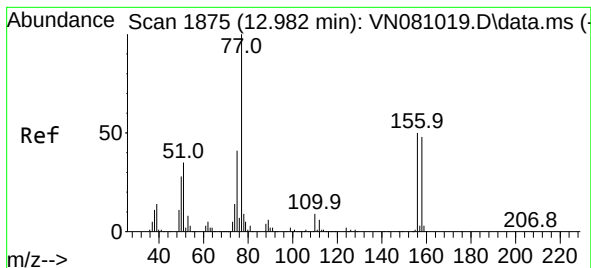


#76
1,2,3-Trichloropropane
Concen: 50.345 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion: 75 Resp: 368813
Ion Ratio Lower Upper
75 100
77 199.4 91.0 272.8





#77

Bromobenzene

Concen: 50.164 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 340350

Ion Ratio Lower Upper

156 100

77 216.0 138.1 414.3

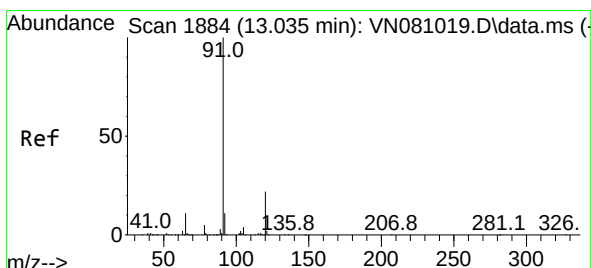
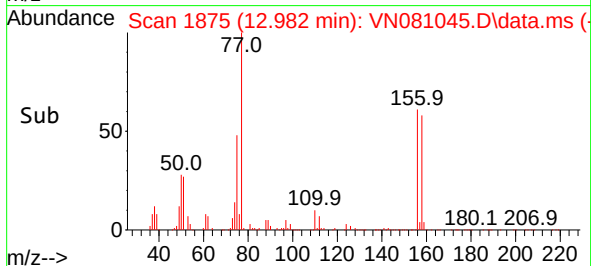
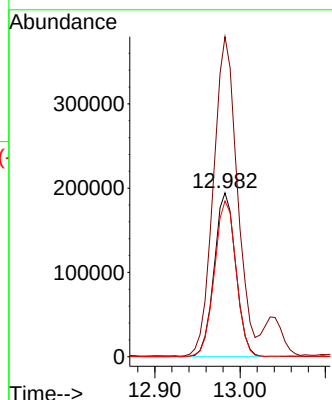
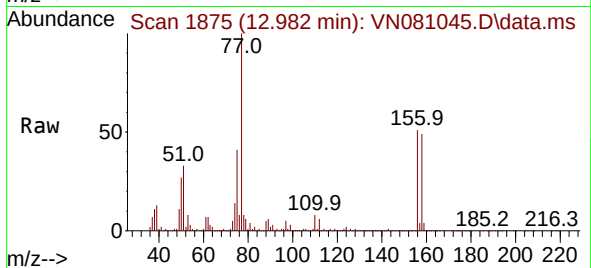
158 96.0 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#78

n-propylbenzene

Concen: 48.281 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081045.D

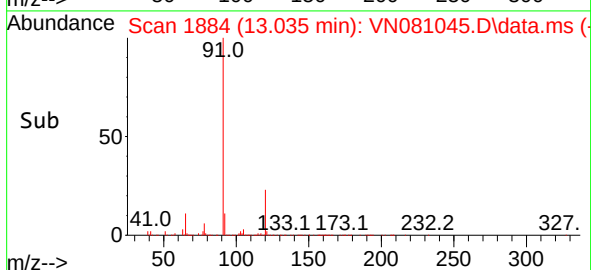
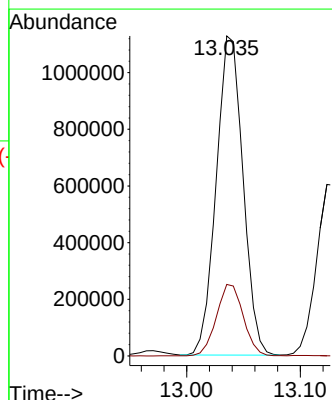
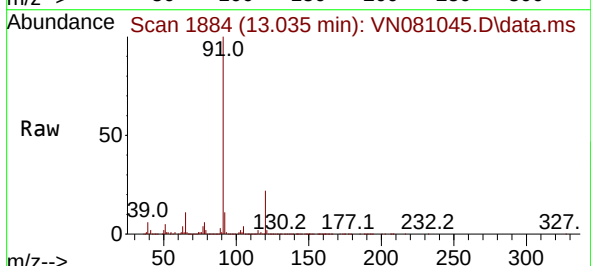
Acq: 15 Feb 2024 17:43

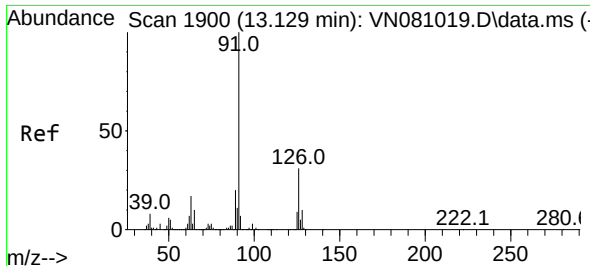
Tgt Ion: 91 Resp: 1845480

Ion Ratio Lower Upper

91 100

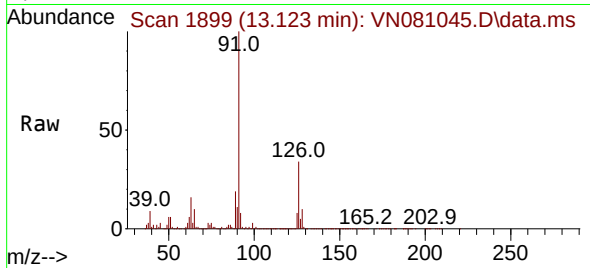
120 22.5 10.3 30.9





#79
2-Chlorotoluene
Concen: 48.557 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

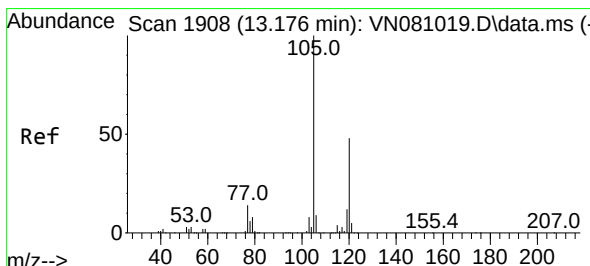
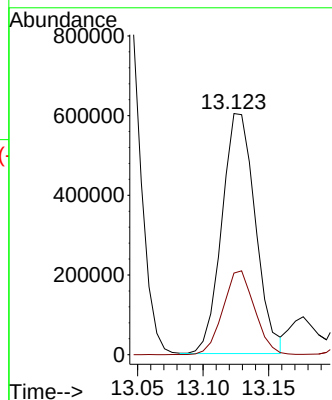
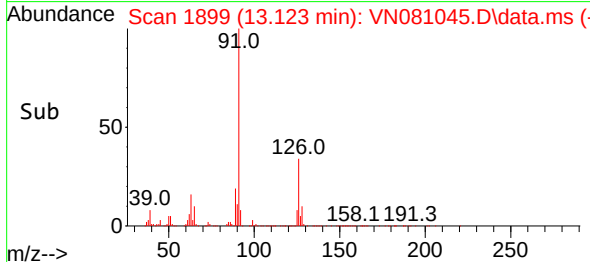
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



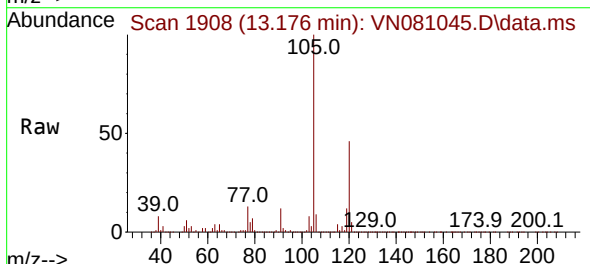
Tgt Ion: 91 Resp: 1072019
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4

Manual Integrations
APPROVED

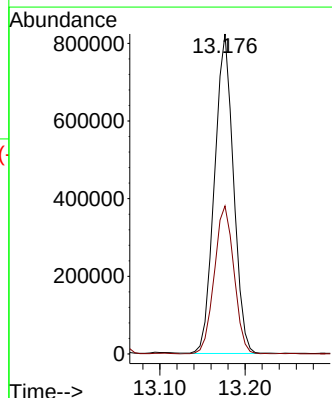
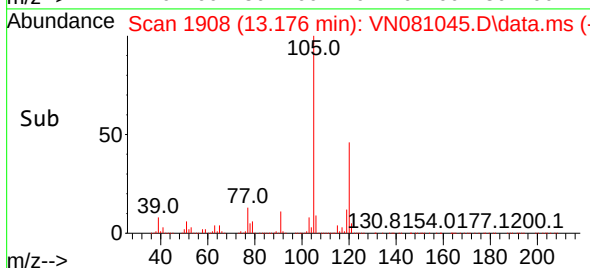
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

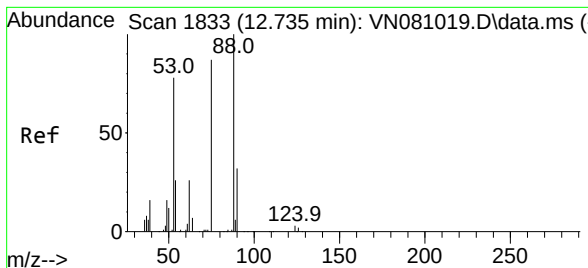


#80
1,3,5-Trimethylbenzene
Concen: 48.882 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



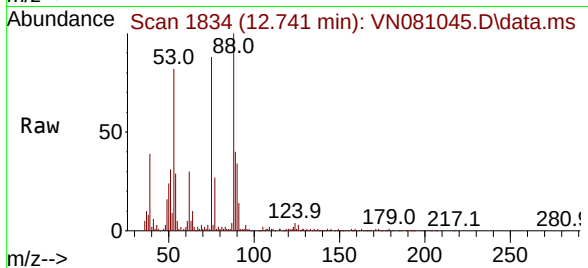
Tgt Ion:105 Resp: 1270375
Ion Ratio Lower Upper
105 100
120 47.9 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.824 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

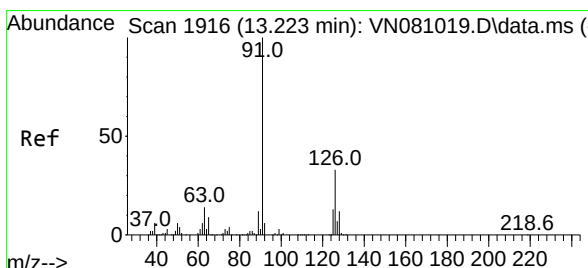
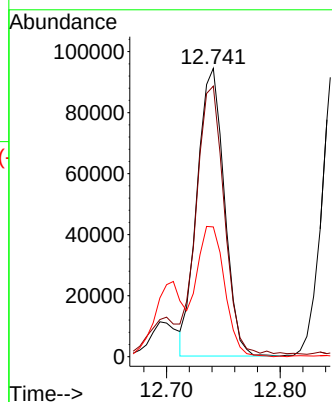
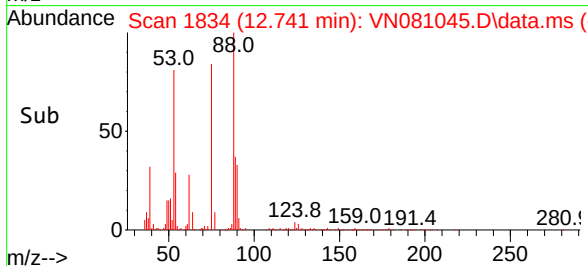
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 156790
Ion Ratio Lower Upper
75 100
53 95.5 71.4 107.2
89 46.5 33.4 50.0

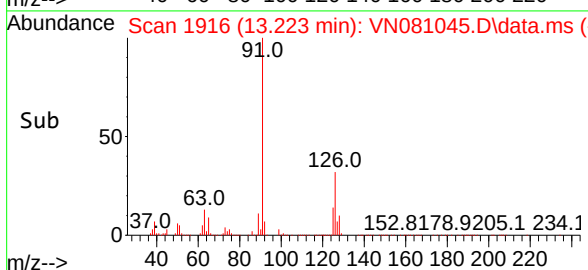
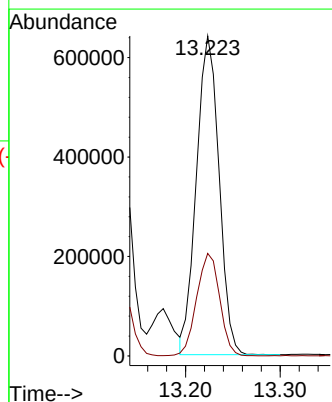
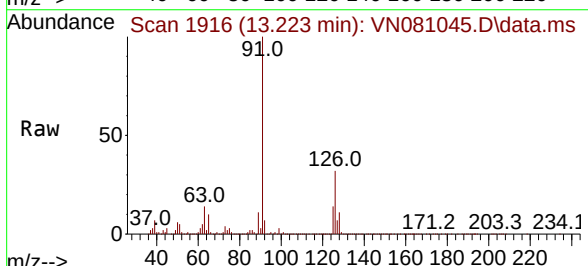
Manual Integrations
APPROVED

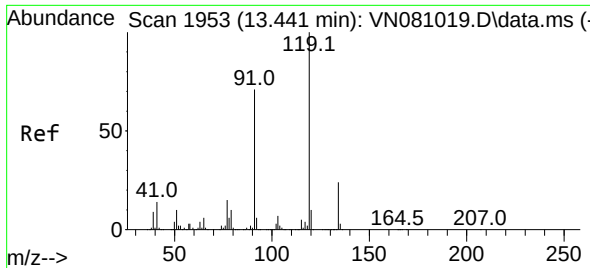
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#82
4-Chlorotoluene
Concen: 49.964 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

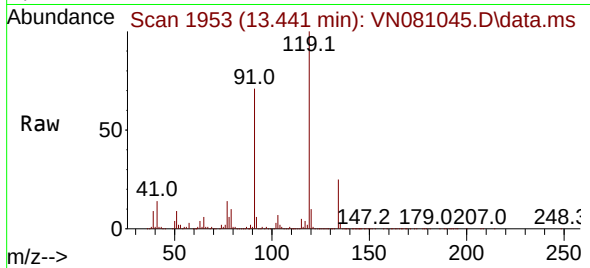
Tgt Ion: 91 Resp: 1065962
Ion Ratio Lower Upper
91 100
126 32.7 15.3 45.9





#83
tert-Butylbenzene
Concen: 48.012 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

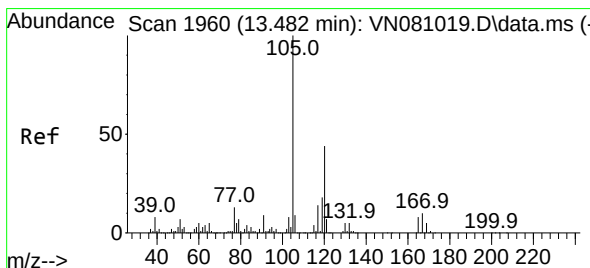
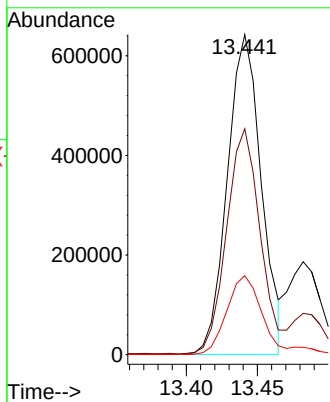
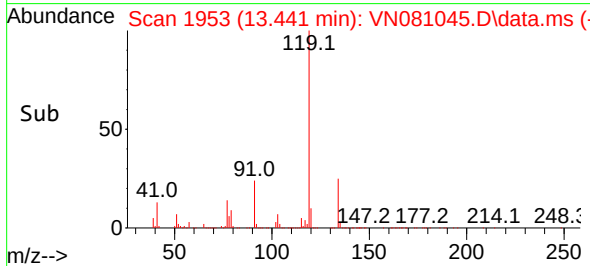
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



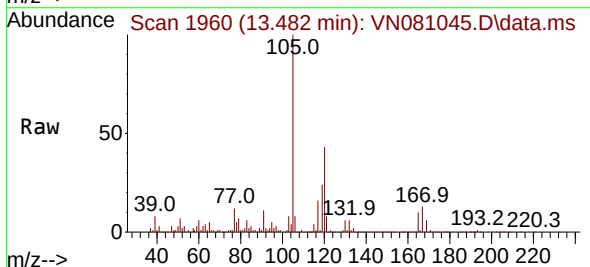
Tgt Ion:119 Resp: 106850
Ion Ratio Lower Upper
119 100
91 70.4 36.8 110.4
134 26.8 12.4 37.4

Manual Integrations
APPROVED

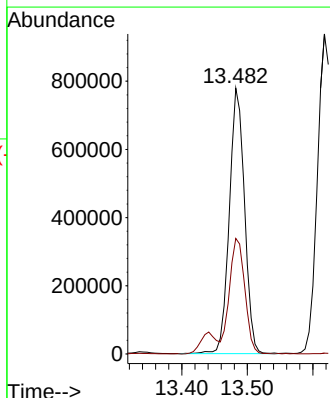
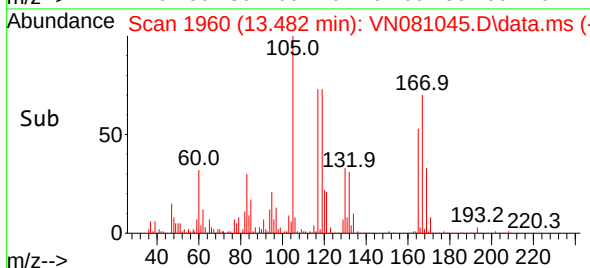
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

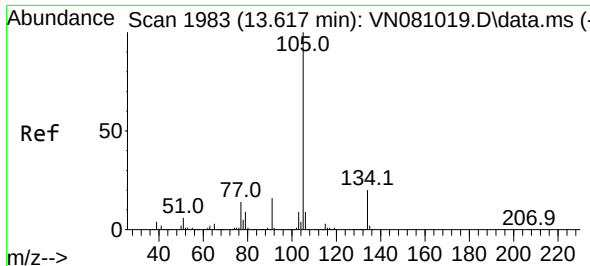


#84
1,2,4-Trimethylbenzene
Concen: 50.231 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion:105 Resp: 1257790
Ion Ratio Lower Upper
105 100
120 43.8 20.9 62.7





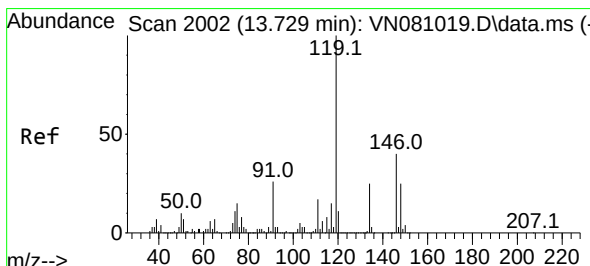
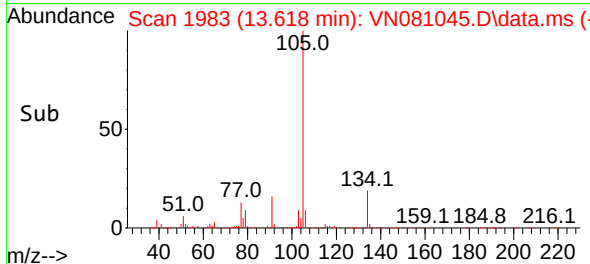
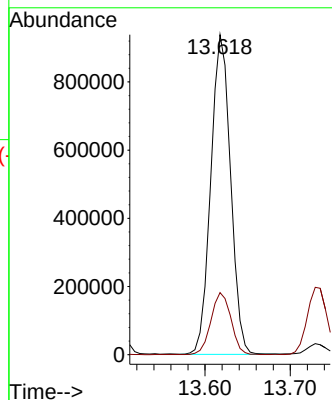
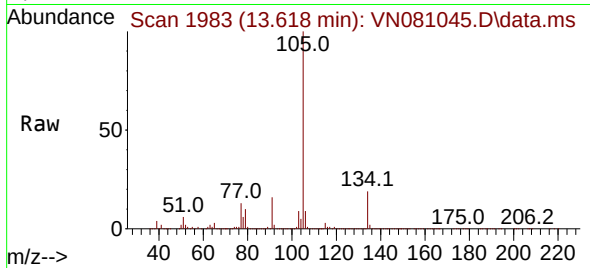
#85
 sec-Butylbenzene
 Concen: 49.503 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1511409
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8

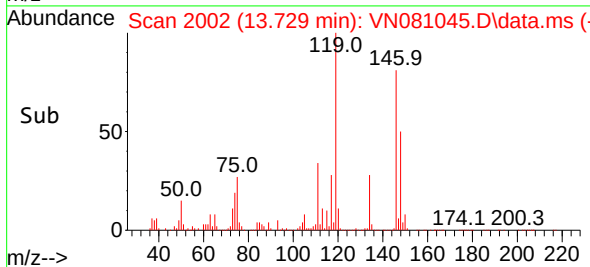
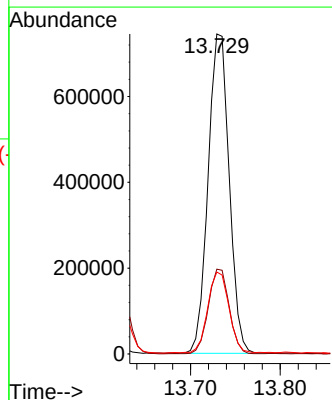
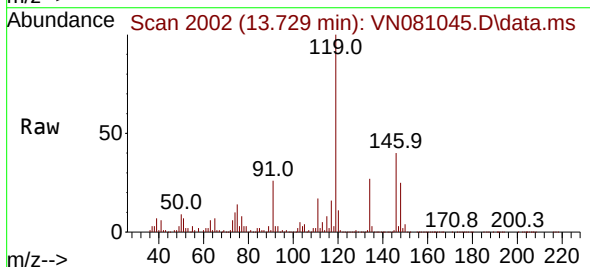
Manual Integrations
 APPROVED

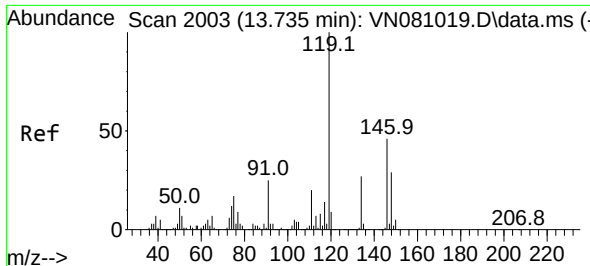
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024



#86
 p-Isopropyltoluene
 Concen: 49.492 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

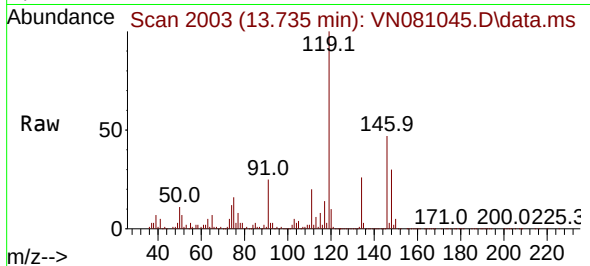
Tgt Ion:119 Resp: 1215161
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 25.6 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 50.366 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43

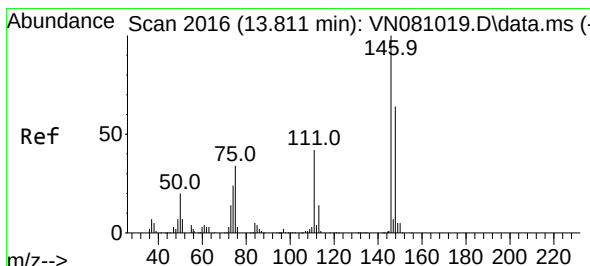
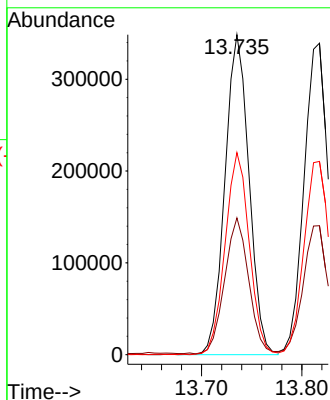
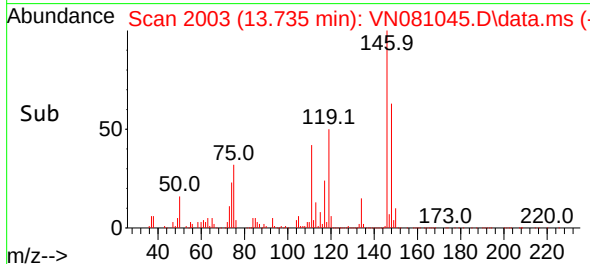
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



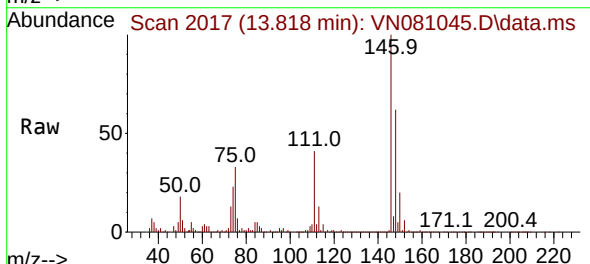
Tgt Ion:146 Resp: 58110
 Ion Ratio Lower Upper
 146 100
 111 42.0 23.9 71.7
 148 63.4 32.6 97.7

Manual Integrations
 APPROVED

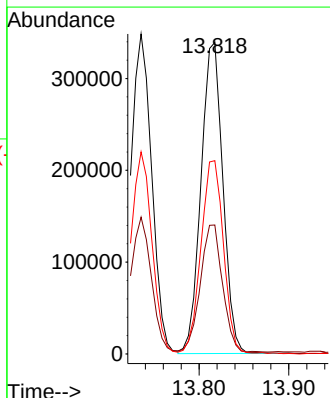
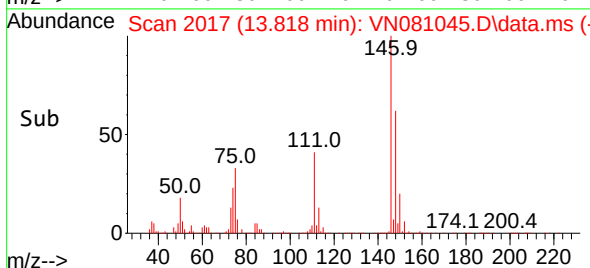
Reviewed By :John Carlone 02/16/2024
 Supervised By :Mahesh Dadoda 02/16/2024

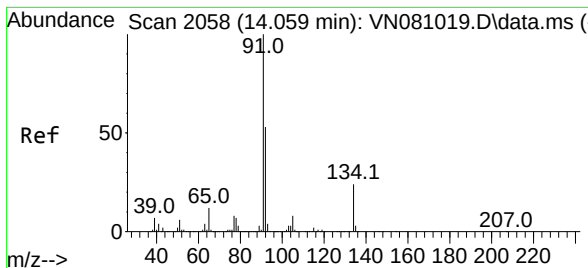


#88
 1,4-Dichlorobenzene
 Concen: 48.178 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081045.D
 Acq: 15 Feb 2024 17:43



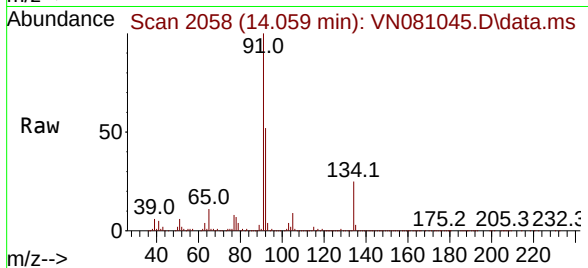
Tgt Ion:146 Resp: 574327
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.6 67.7
 148 64.4 31.9 95.5





#89
n-Butylbenzene
Concen: 46.459 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

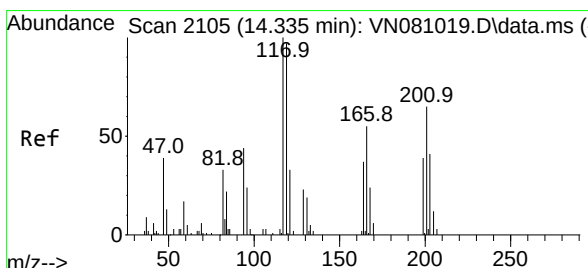
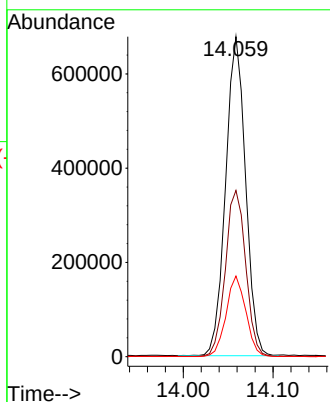
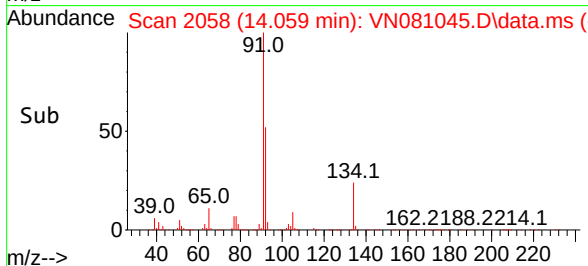
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 104415
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 25.0 10.8 32.4

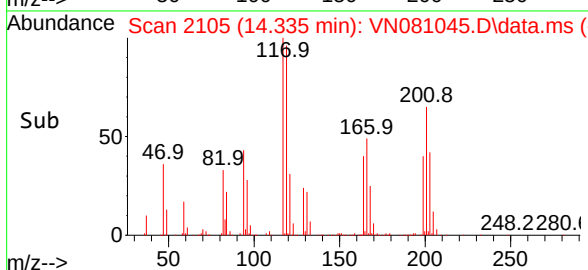
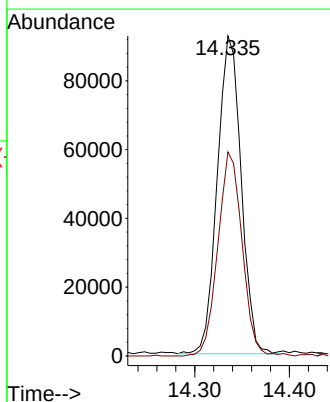
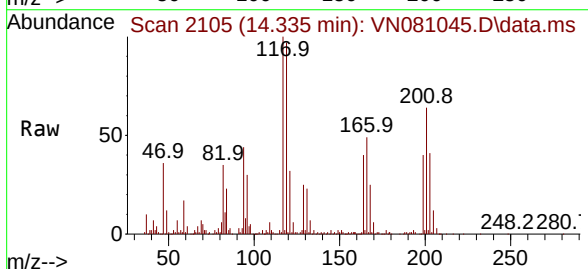
Manual Integrations
APPROVED

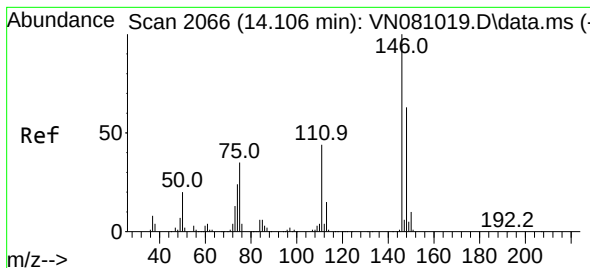
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#90
Hexachloroethane
Concen: 140.597 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

Tgt Ion:117 Resp: 161769
Ion Ratio Lower Upper
117 100
201 65.3 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 48.007 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 536920

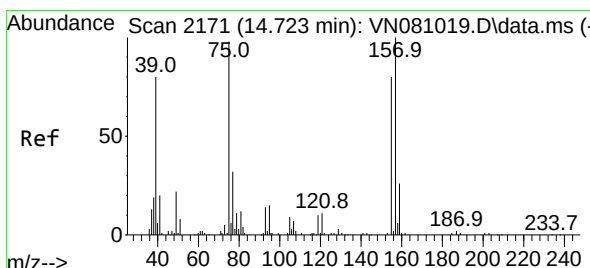
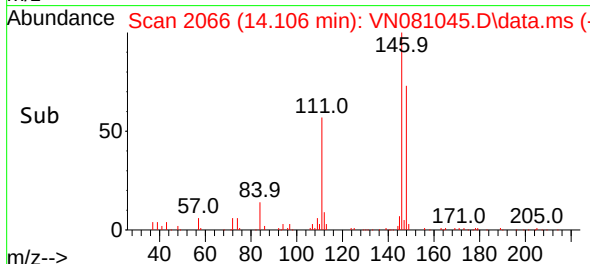
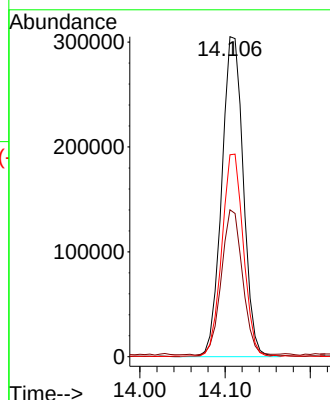
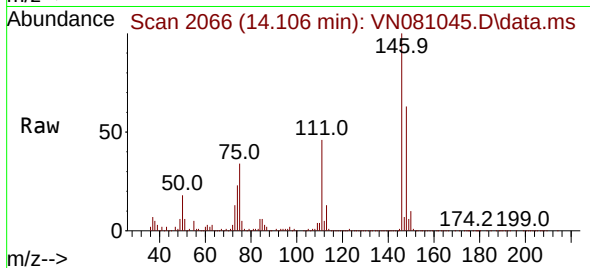
Ion	Ratio	Lower	Upper
146	100		
111	44.2	23.9	71.8
148	63.5	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2024

Supervised By :Mahesh Dadoda 02/16/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.365 ug/l

RT: 14.723 min Scan# 2171

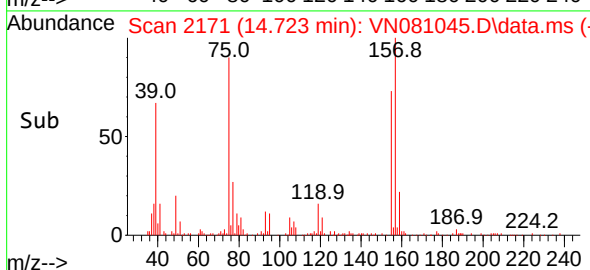
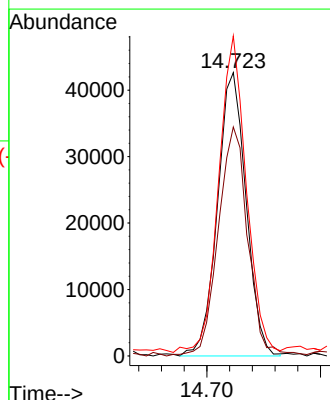
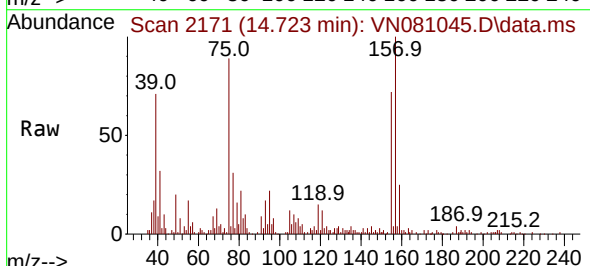
Delta R.T. 0.000 min

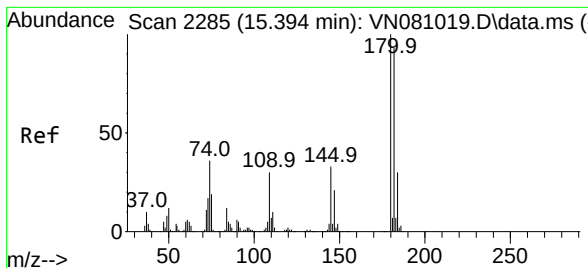
Lab File: VN081045.D

Acq: 15 Feb 2024 17:43

Tgt Ion: 75 Resp: 74457

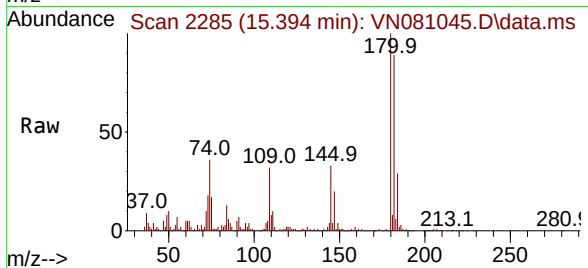
Ion	Ratio	Lower	Upper
75	100		
155	83.5	31.8	95.4
157	107.4	41.1	123.4





#93
1,2,4-Trichlorobenzene
Concen: 45.923 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

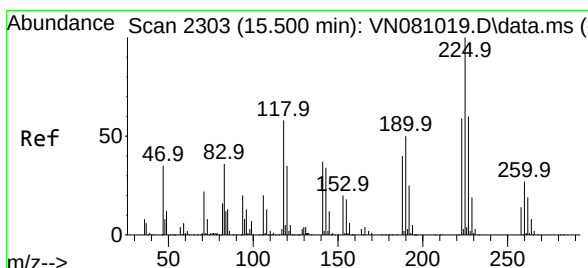
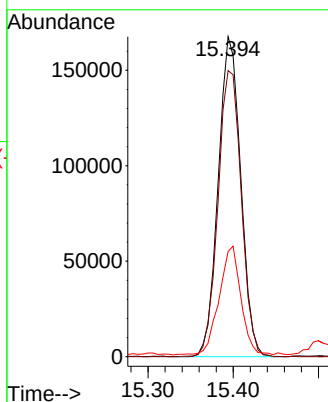
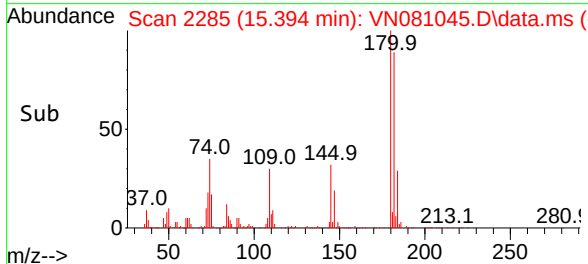
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



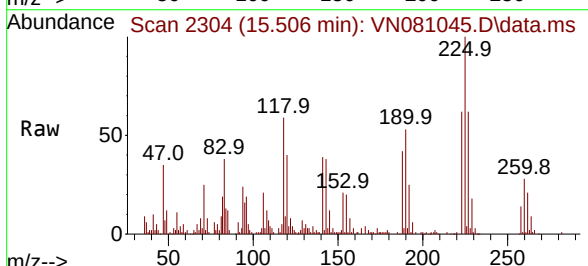
Tgt Ion:180 Resp: 307700
Ion Ratio Lower Upper
180 100
182 92.6 46.6 139.7
145 33.5 16.8 50.3

Manual Integrations
APPROVED

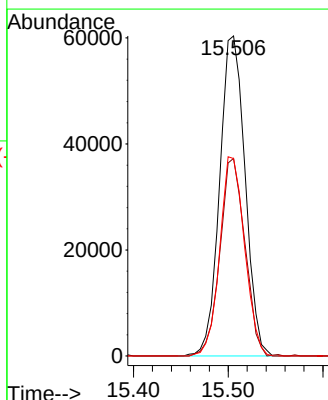
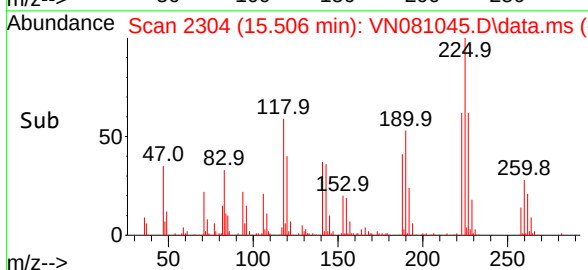
Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

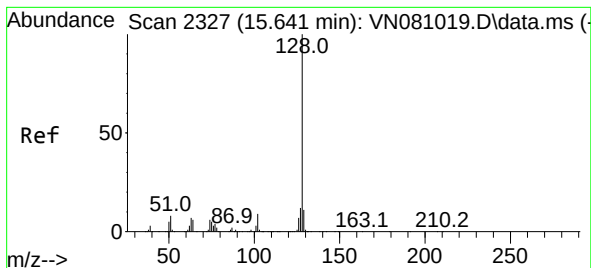


#94
Hexachlorobutadiene
Concen: 40.595 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



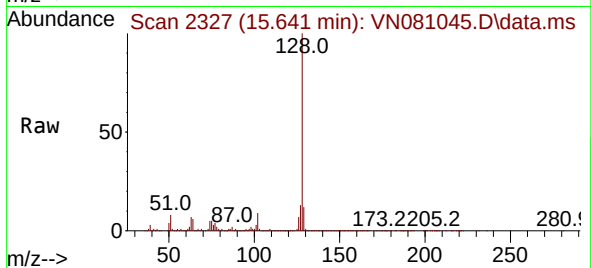
Tgt Ion:225 Resp: 112497
Ion Ratio Lower Upper
225 100
223 60.6 33.3 99.8
227 60.8 33.1 99.2





#95
Naphthalene
Concen: 44.547 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43

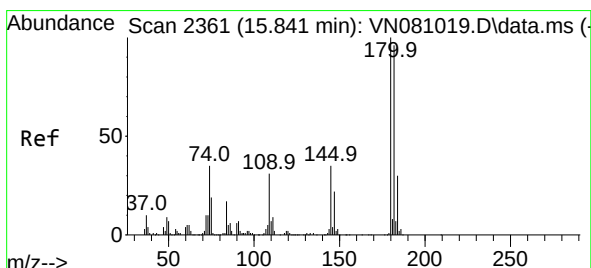
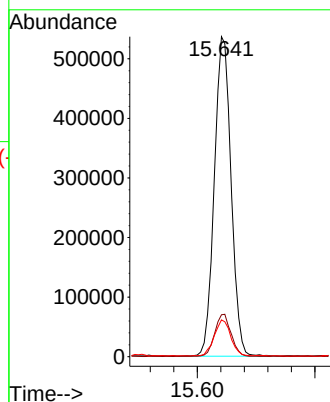
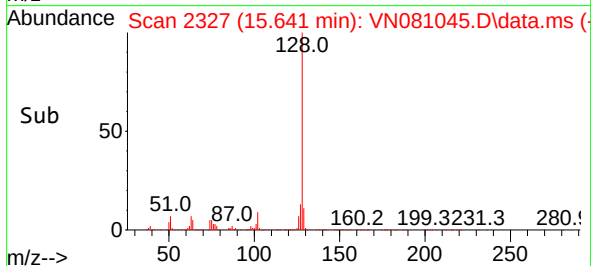
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



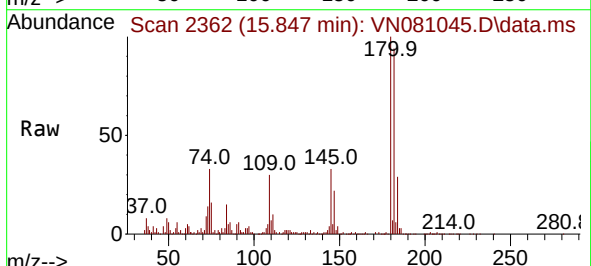
Tgt Ion:128 Resp: 106188
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.723 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081045.D
Acq: 15 Feb 2024 17:43



Tgt Ion:180 Resp: 300223
Ion Ratio Lower Upper
180 100
182 95.4 46.5 139.3
145 35.4 17.8 53.4

