

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075808.D
 Acq On : 15 Dec 2022 11:04
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 16 02:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	329853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	475438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	177145	49.365	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	8.171	113	158613	48.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	10.571	98	592672	48.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.853	95	204863	50.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.280%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	104931	44.803	ug/l	95
3) Chloromethane	2.371	50	120516	41.381	ug/l	93
4) Vinyl Chloride	2.530	62	148324	42.696	ug/l	99
5) Bromomethane	2.953	94	125788	42.605	ug/l	94
6) Chloroethane	3.124	64	106691	41.472	ug/l	95
7) Trichlorofluoromethane	3.506	101	238027	45.155	ug/l	93
8) Diethyl Ether	3.971	74	95105	49.397	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	140334	46.622	ug/l	99
10) Methyl Iodide	4.600	142	232037	47.500	ug/l	98
11) Tert butyl alcohol	5.524	59	115883	228.221	ug/l	100
12) 1,1-Dichloroethene	4.353	96	134964	46.166	ug/l	98
13) Acrolein	4.189	56	172704	277.433	ug/l	98
14) Allyl chloride	5.036	41	161424	47.235	ug/l	92
15) Acrylonitrile	5.724	53	330148	238.259	ug/l	100
16) Acetone	4.436	43	312996	253.023	ug/l	99
17) Carbon Disulfide	4.724	76	320042	45.215	ug/l	99
18) Methyl Acetate	5.036	43	169582	46.378	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	492562	51.164	ug/l	98
20) Methylene Chloride	5.289	84	159731	48.247	ug/l	99
21) trans-1,2-Dichloroethene	5.794	96	149047	46.553	ug/l	98
22) Diisopropyl ether	6.683	45	422025	50.834	ug/l	98
23) Vinyl Acetate	6.612	43	1469470	262.976	ug/l	100
24) 1,1-Dichloroethane	6.577	63	259886	46.938	ug/l	99
25) 2-Butanone	7.488	43	427716	246.941	ug/l	98
26) 2,2-Dichloropropane	7.494	77	231780	49.433	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	186874	48.803	ug/l	98
28) Bromochloromethane	7.824	49	105855	43.620	ug/l	99
29) Tetrahydrofuran	7.841	42	267392	246.345	ug/l	99
30) Chloroform	7.971	83	294696	47.274	ug/l	96
31) Cyclohexane	8.265	56	224377	43.659	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	263960	47.761	ug/l	99
36) 1,1-Dichloropropene	8.377	75	209100	48.188	ug/l	98
37) Ethyl Acetate	7.565	43	165660	47.528	ug/l	98
38) Carbon Tetrachloride	8.365	117	231526	47.672	ug/l	99
39) Methylcyclohexane	9.606	83	271891	51.937	ug/l	98
40) Benzene	8.612	78	647098	48.333	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	85983	47.459	ug/l	92
42) 1,2-Dichloroethane	8.677	62	214429	48.175	ug/l	100
43) Isopropyl Acetate	8.694	43	298070	51.842	ug/l	99
44) Trichloroethene	9.353	130	174257	46.201	ug/l	96
45) 1,2-Dichloropropane	9.624	63	157220	48.257	ug/l	97
46) Dibromomethane	9.712	93	118201	48.915	ug/l	99
47) Bromodichloromethane	9.888	83	234539	49.494	ug/l	98
48) Methyl methacrylate	9.682	41	135888	52.475	ug/l	99
49) 1,4-Dioxane	9.694	88	58132	913.117	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	898628	258.440	ug/l	99
52) Toluene	10.635	92	429269	49.231	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	247004	53.249	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	268194	52.659	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	170885	49.931	ug/l	97
56) Ethyl methacrylate	10.876	69	246018	54.119	ug/l	99
57) 1,3-Dichloropropane	11.165	76	281294	50.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	368168	254.378	ug/l	100
59) 2-Hexanone	11.200	43	663410	261.622	ug/l	99
60) Dibromochloromethane	11.359	129	193144	50.746	ug/l	100
61) 1,2-Dibromoethane	11.470	107	175882	50.783	ug/l	99
64) Tetrachloroethene	11.106	164	150563	45.004	ug/l	99
65) Chlorobenzene	11.894	112	465170	47.669	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	176496	48.831	ug/l	99
67) Ethyl Benzene	11.965	91	836859	50.813	ug/l	99
68) m/p-Xylenes	12.076	106	666238	102.206	ug/l	99
69) o-Xylene	12.400	106	331170	51.337	ug/l	99
70) Styrene	12.412	104	542074	52.850	ug/l	100
71) Bromoform	12.582	173	139348	52.983	ug/l #	99
73) Isopropylbenzene	12.700	105	845036	49.249	ug/l	100
74) N-amyl acetate	12.494	43	269685	53.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	246231	46.421	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	292327	61.077	ug/l	74
77) Bromobenzene	12.982	156	205957	47.429	ug/l	98
78) n-propylbenzene	13.041	91	973781	51.455	ug/l	98
79) 2-Chlorotoluene	13.129	91	568087	48.088	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	730720	50.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70091	52.712	ug/l	99
82) 4-Chlorotoluene	13.129	91	568087	48.088	ug/l	100
83) tert-Butylbenzene	13.441	119	643075	50.790	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	741360	52.038	ug/l	98
85) sec-Butylbenzene	13.617	105	910113	52.078	ug/l	99
86) p-Isopropyltoluene	13.729	119	779655	53.616	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	391622	48.823	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	389072	47.481	ug/l	99
89) n-Butylbenzene	14.059	91	646355	54.866	ug/l	99
90) Hexachloroethane	14.335	117	132169	50.811	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	383016	48.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43802	46.538	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	205819	52.618	ug/l	99
94) Hexachlorobutadiene	15.505	225	105770	49.562	ug/l	99
95) Naphthalene	15.647	128	603471	46.844	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	196627	53.783	ug/l	99

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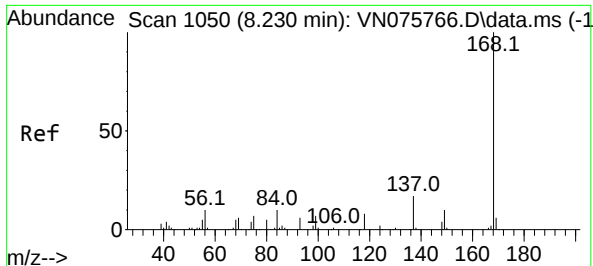
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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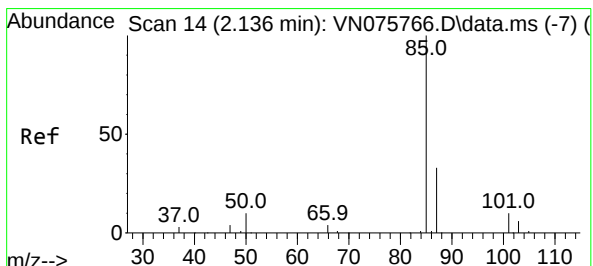
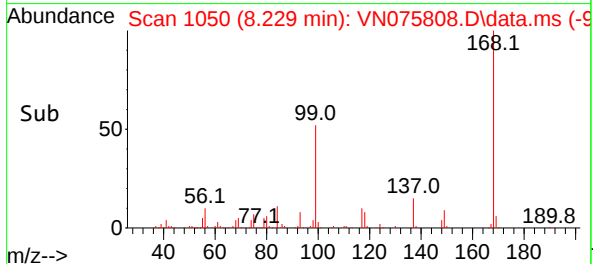
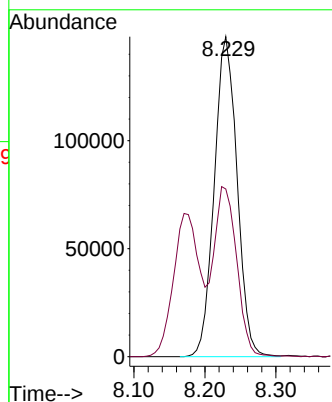
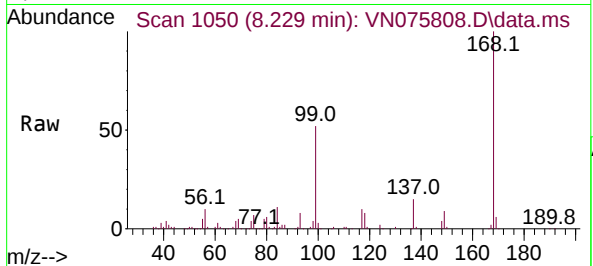




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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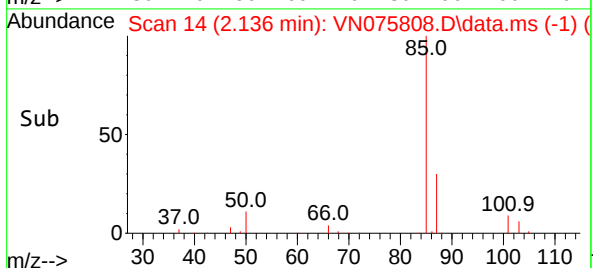
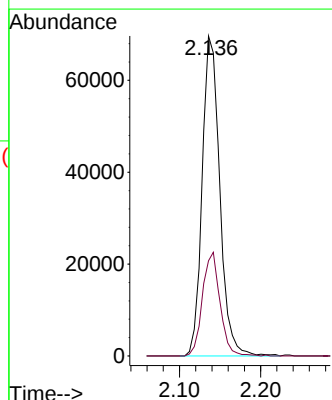
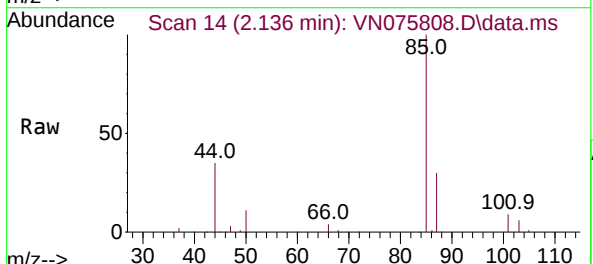
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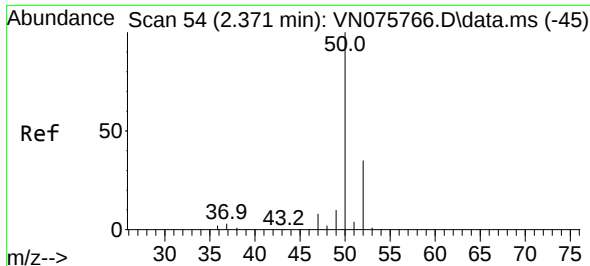
Tgt Ion:168 Resp: 329853
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 44.803 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 85 Resp: 104931
Ion Ratio Lower Upper
85 100
87 29.7 16.3 48.9

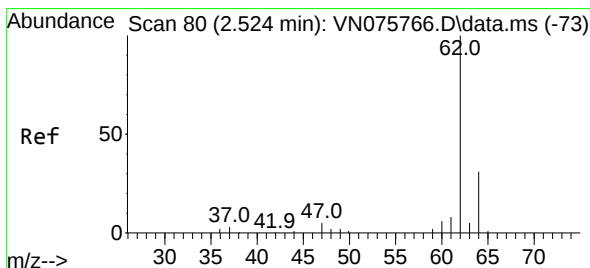
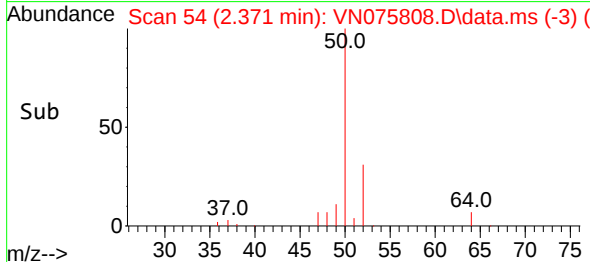
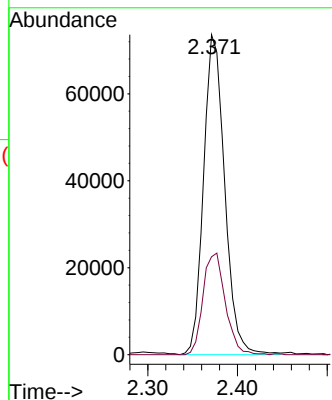
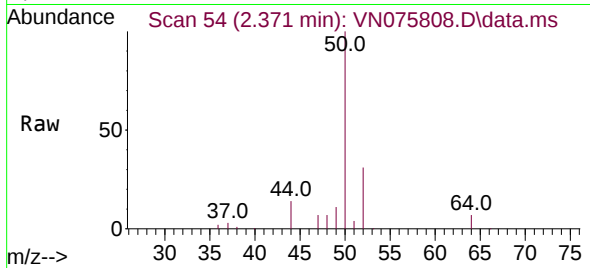




#3
Chloromethane
Concen: 41.381 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

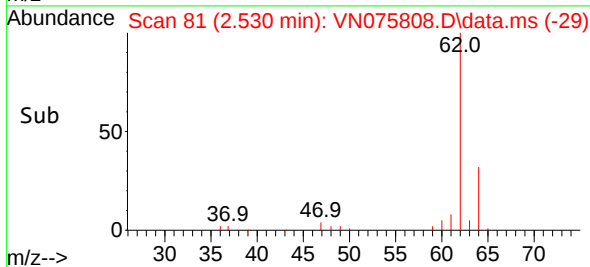
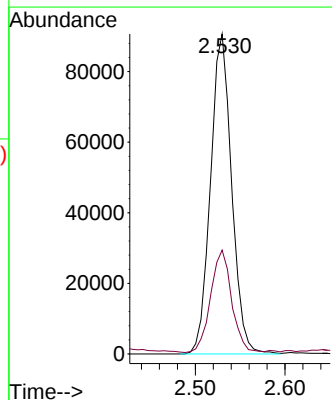
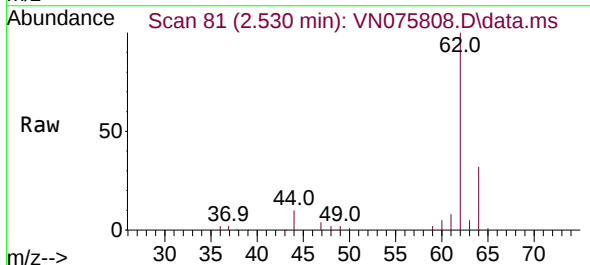
Instrument :
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ClientSampleId :
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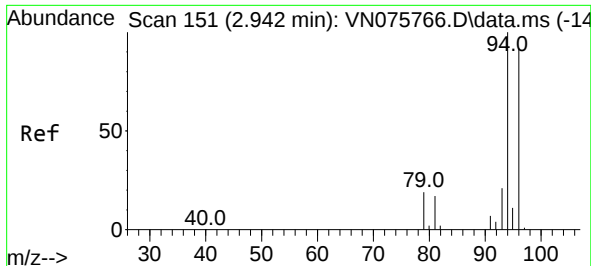
Tgt Ion: 50 Resp: 120516
Ion Ratio Lower Upper
50 100
52 30.6 27.7 41.5



#4
Vinyl Chloride
Concen: 42.696 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 62 Resp: 148324
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3

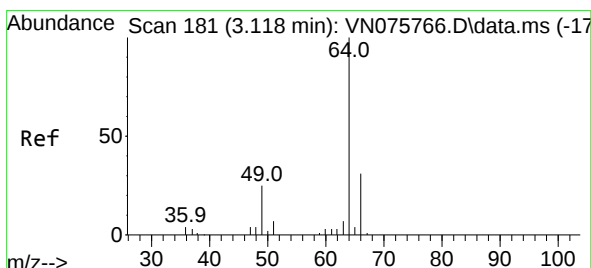
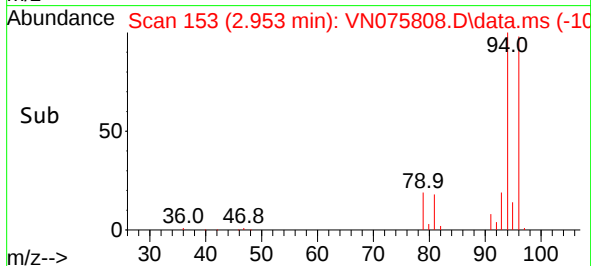
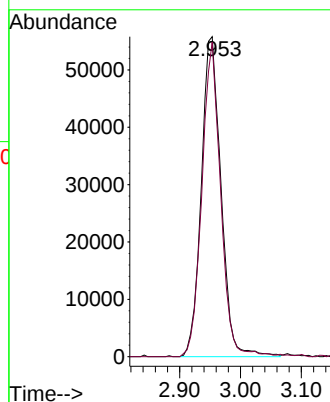
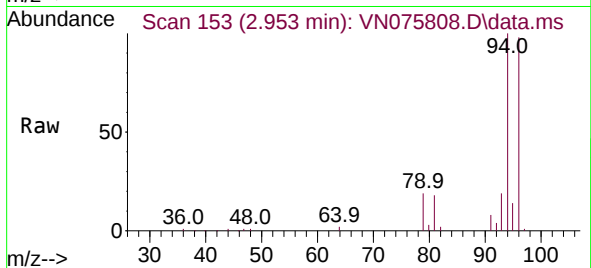




#5
Bromomethane
Concen: 42.605 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

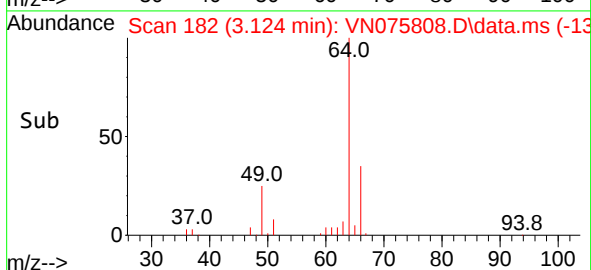
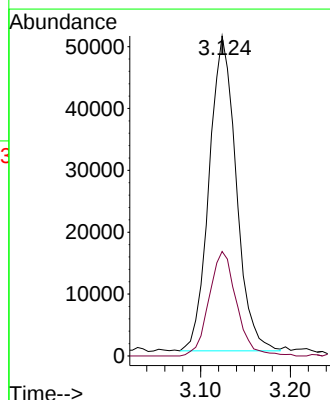
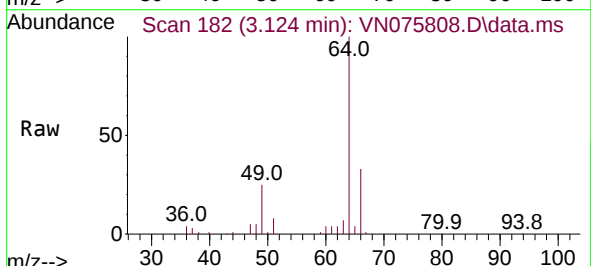
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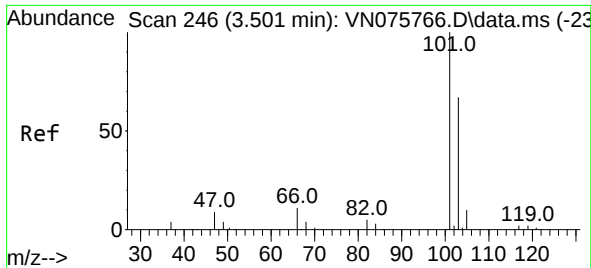
Tgt Ion: 94 Resp: 125788
Ion Ratio Lower Upper
94 100
96 98.3 73.8 110.6



#6
Chloroethane
Concen: 41.472 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 64 Resp: 106691
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8

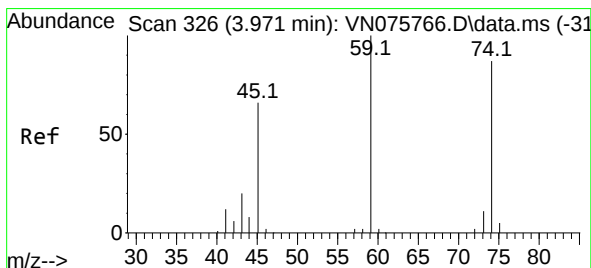
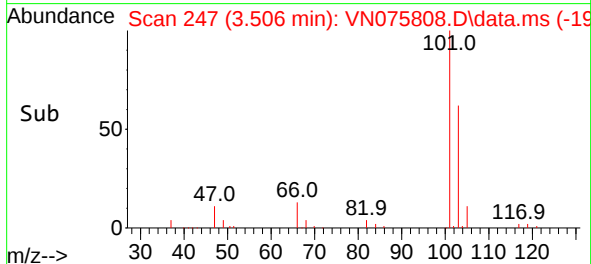
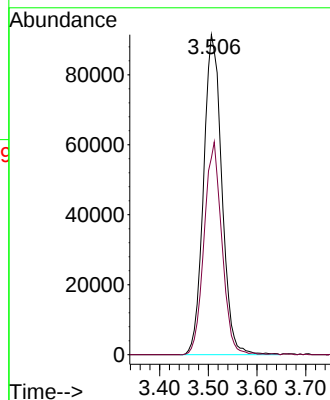
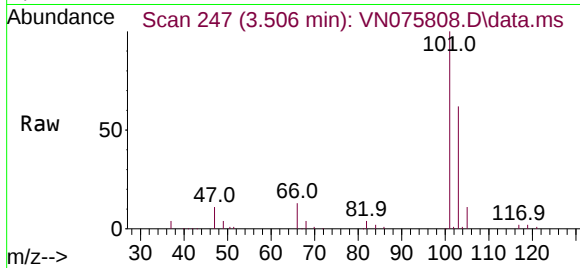




#7
 Trichlorofluoromethane
 Concen: 45.155 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

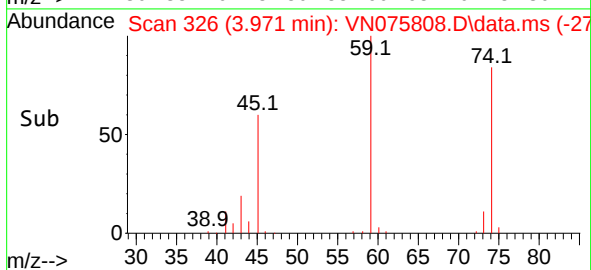
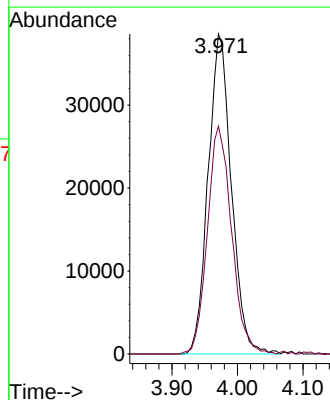
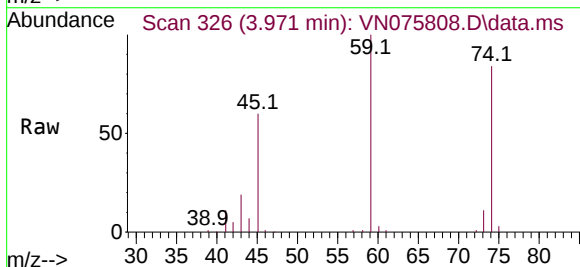
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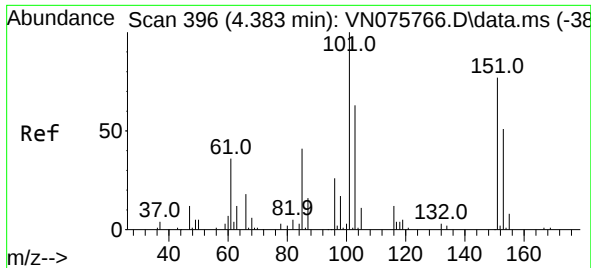
Tgt Ion:101 Resp: 238027
 Ion Ratio Lower Upper
 101 100
 103 61.5 53.4 80.2



#8
 Diethyl Ether
 Concen: 49.397 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

Tgt Ion: 74 Resp: 95105
 Ion Ratio Lower Upper
 74 100
 45 73.9 37.8 113.4

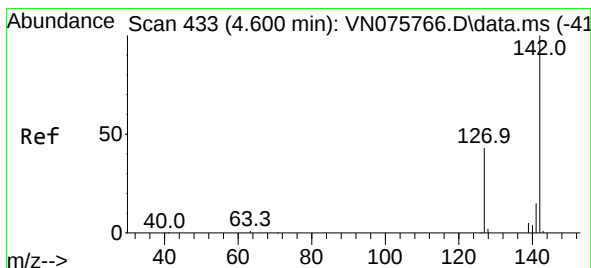
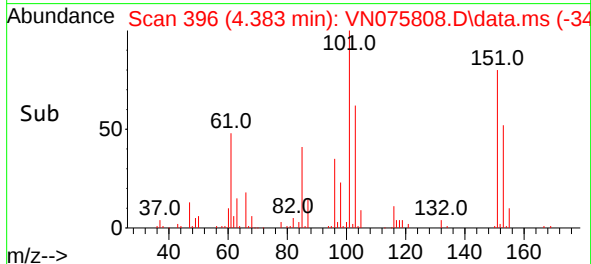
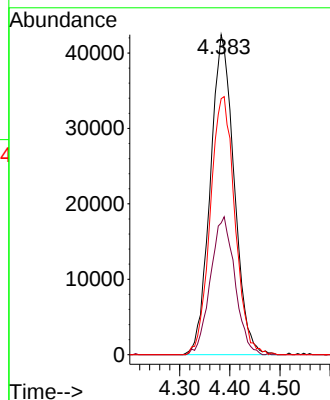
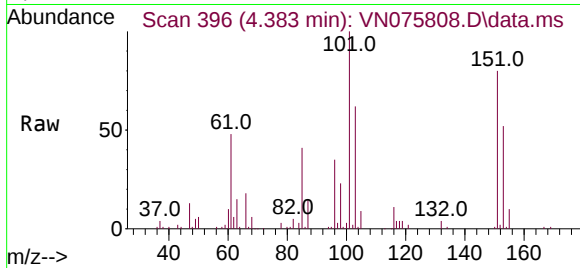




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.622 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

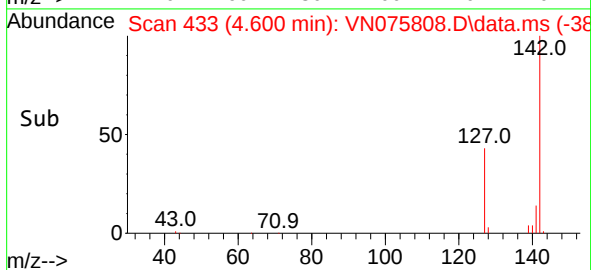
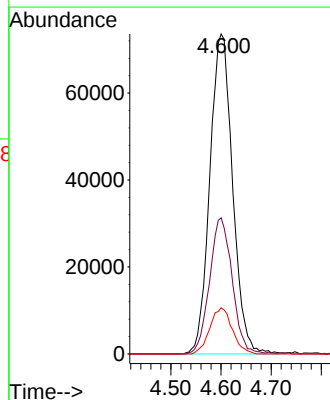
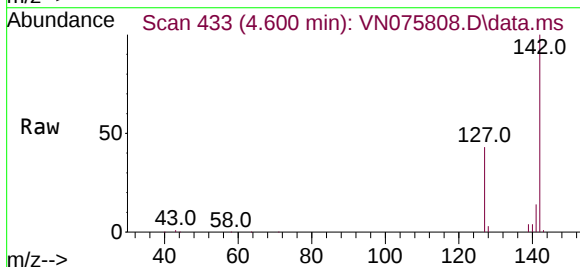
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

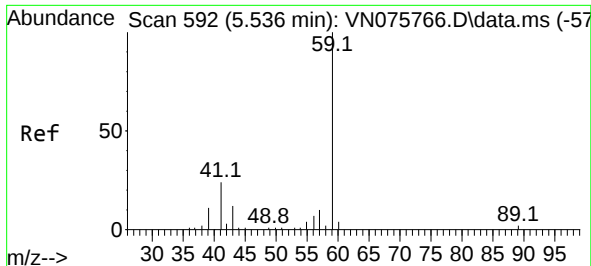
Tgt Ion:	101	Resp:	140334
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.3	52.9
151	83.1	65.6	98.4



#10
 Methyl Iodide
 Concen: 47.500 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

Tgt Ion:	142	Resp:	232037
Ion	Ratio	Lower	Upper
142	100		
127	42.1	34.7	52.1
141	14.2	11.4	17.2

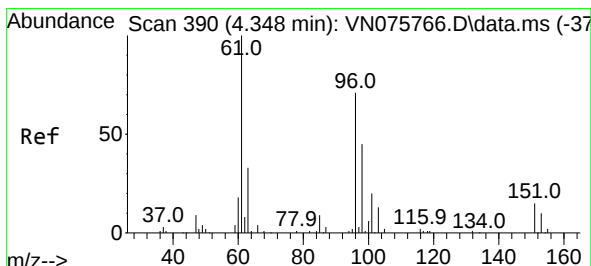
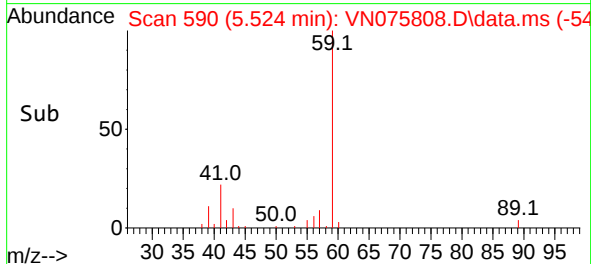
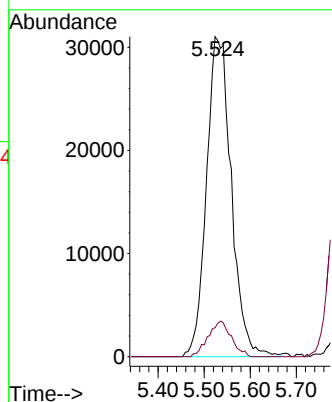
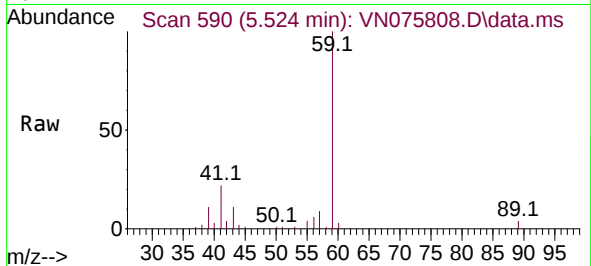




#11
Tert butyl alcohol
Concen: 228.221 ug/l
RT: 5.524 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

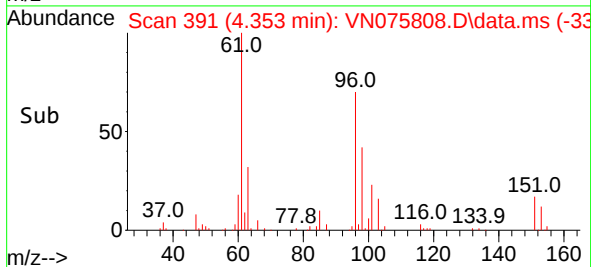
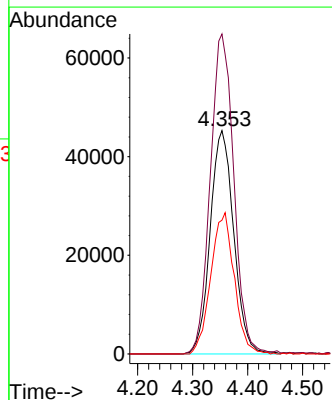
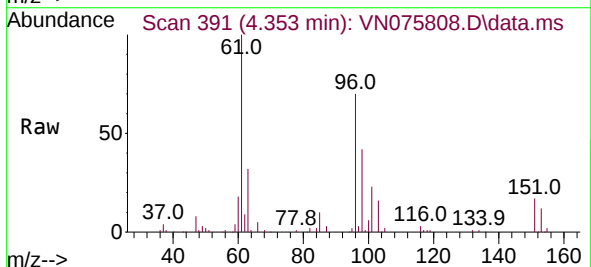
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

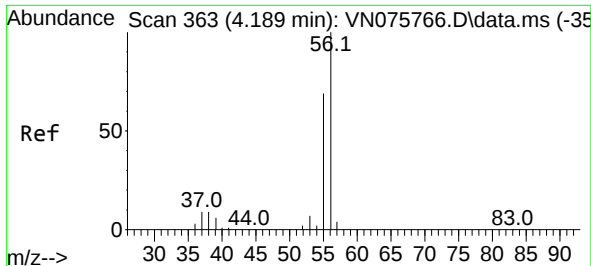
Tgt Ion: 59 Resp: 115883
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.166 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 96 Resp: 134964
Ion Ratio Lower Upper
96 100
61 143.2 113.3 169.9
98 59.8 50.9 76.3

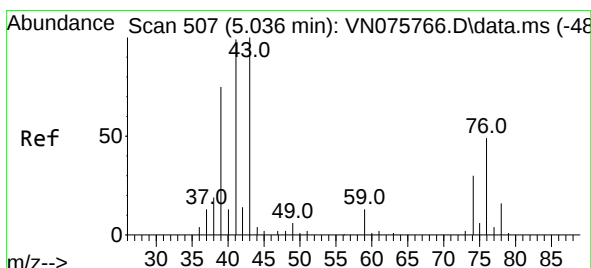
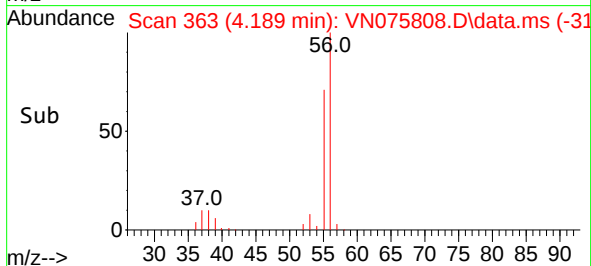
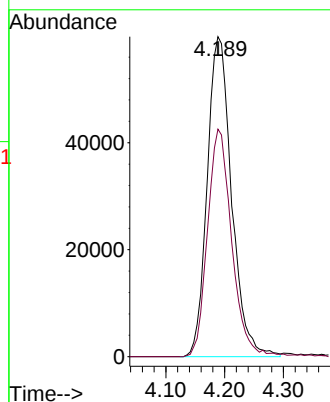
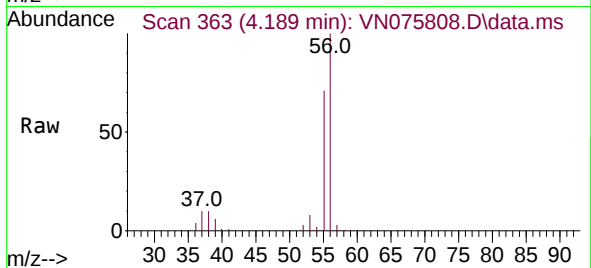




#13
Acrolein
Concen: 277.433 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

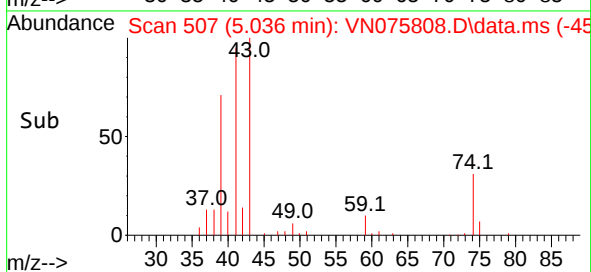
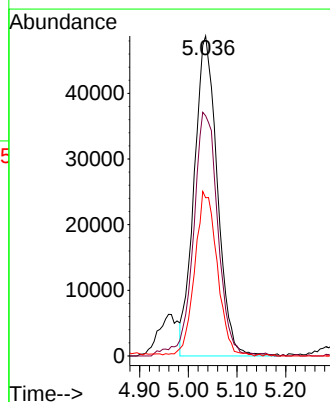
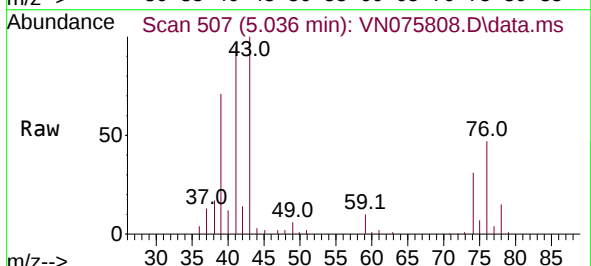
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

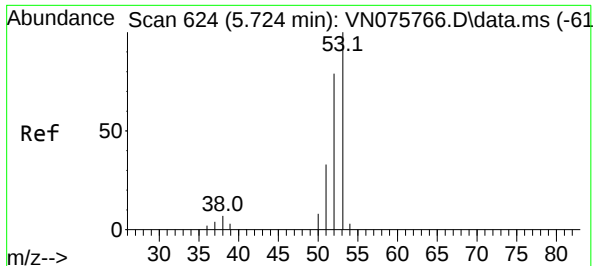
Tgt Ion: 56 Resp: 172704
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2



#14
Allyl chloride
Concen: 47.235 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 41 Resp: 161424
Ion Ratio Lower Upper
41 100
39 80.1 58.3 87.5
76 50.1 35.8 53.6





#15

Acrylonitrile

Concen: 238.259 ug/l

RT: 5.724 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

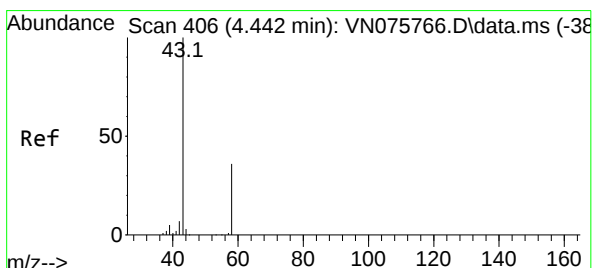
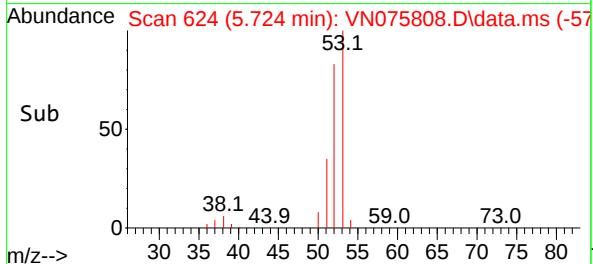
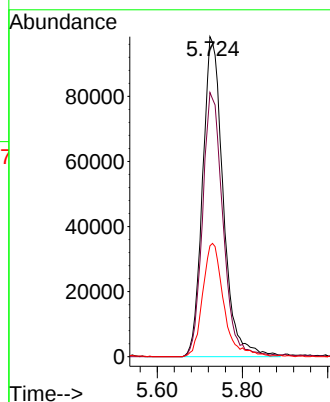
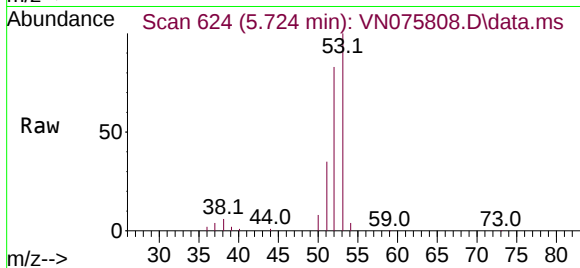
Tgt Ion: 53 Resp: 330148

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.0

51 36.2 28.9 43.3



#16

Acetone

Concen: 253.023 ug/l

RT: 4.436 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN075808.D

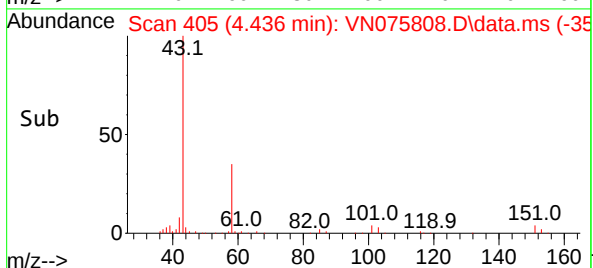
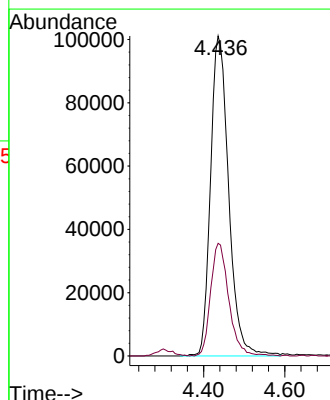
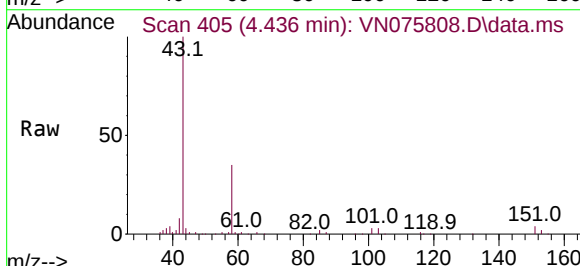
Acq: 15 Dec 2022 11:04

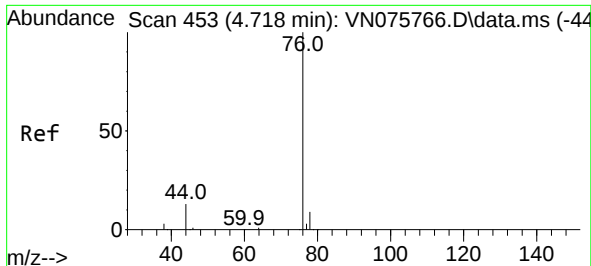
Tgt Ion: 43 Resp: 312996

Ion Ratio Lower Upper

43 100

58 35.2 28.6 43.0

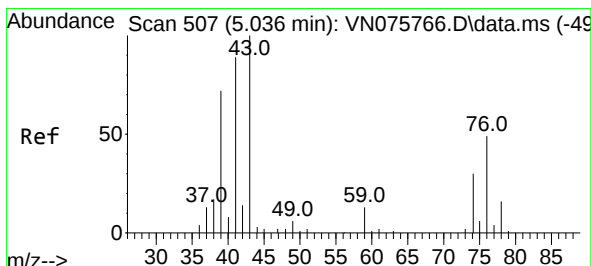
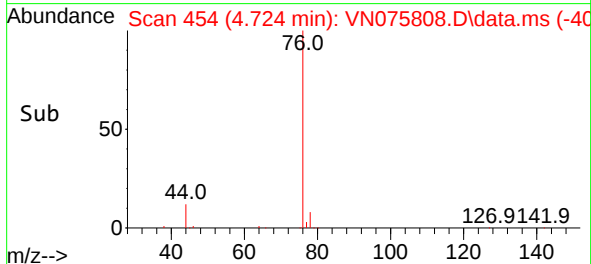
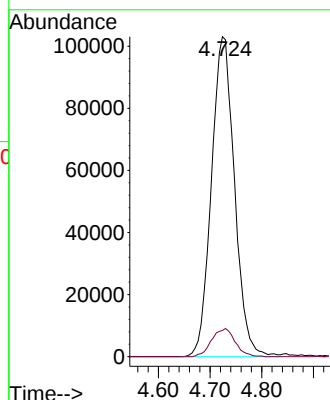
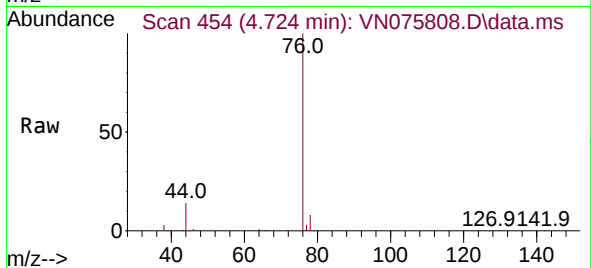




#17
Carbon Disulfide
Concen: 45.215 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

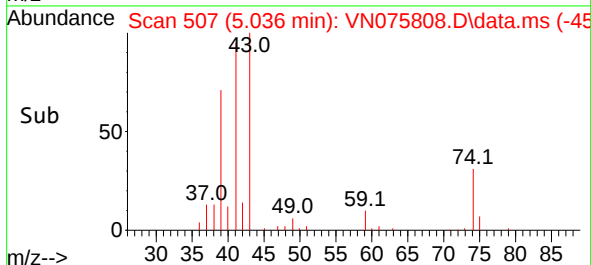
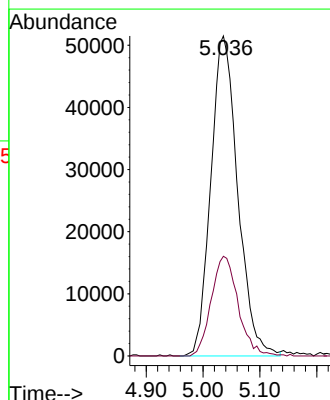
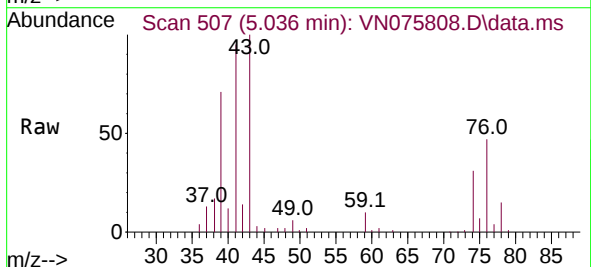
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

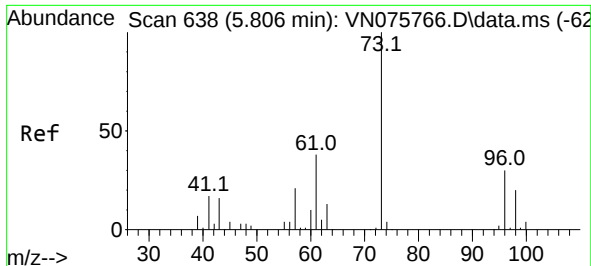
Tgt Ion: 76 Resp: 320042
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 46.378 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 43 Resp: 169582
Ion Ratio Lower Upper
43 100
74 31.1 23.6 35.4

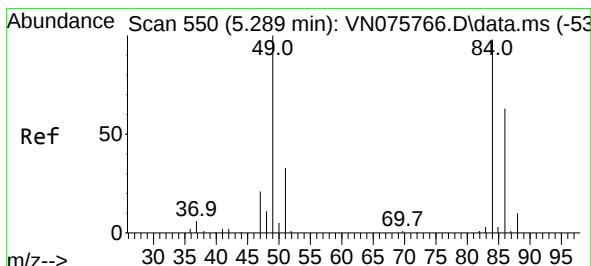
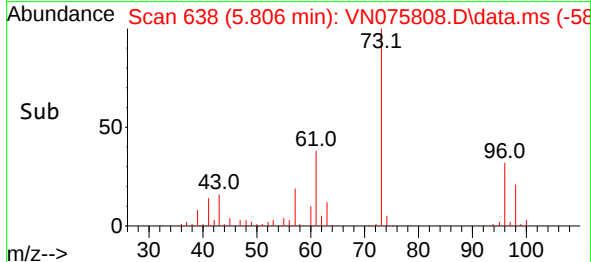
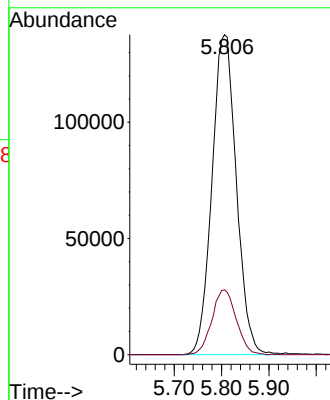
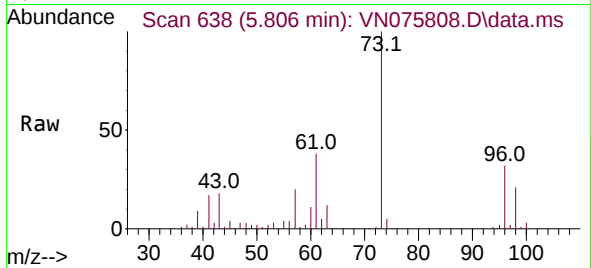




#19
Methyl tert-butyl Ether
Concen: 51.164 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

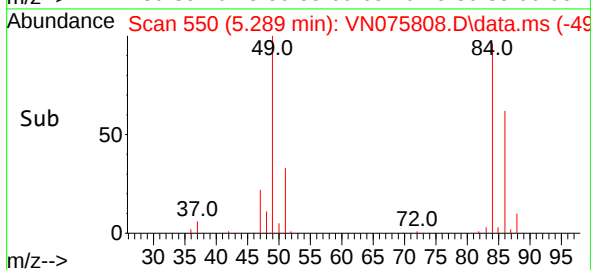
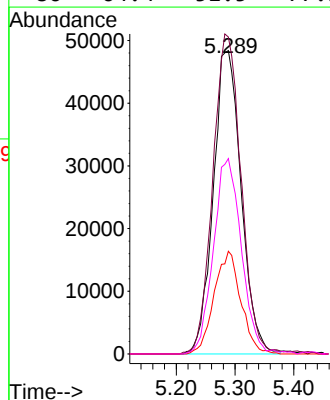
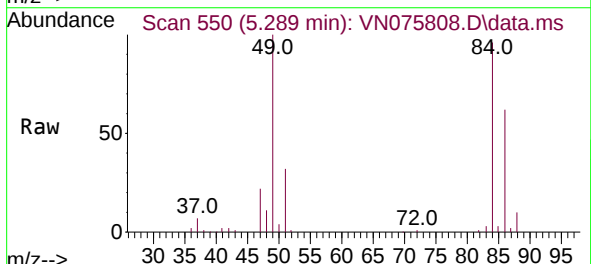
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

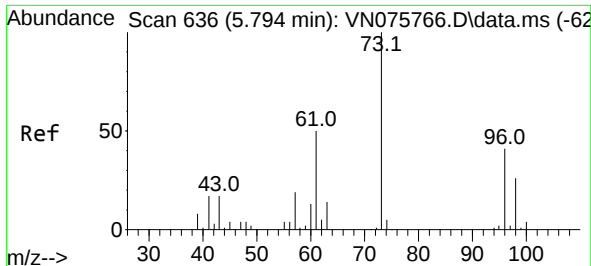
Tgt Ion: 73 Resp: 492562
Ion Ratio Lower Upper
73 100
57 20.3 17.1 25.7



#20
Methylene Chloride
Concen: 48.247 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 84 Resp: 159731
Ion Ratio Lower Upper
84 100
49 104.5 81.8 122.6
51 33.9 26.7 40.1
86 64.4 51.5 77.3

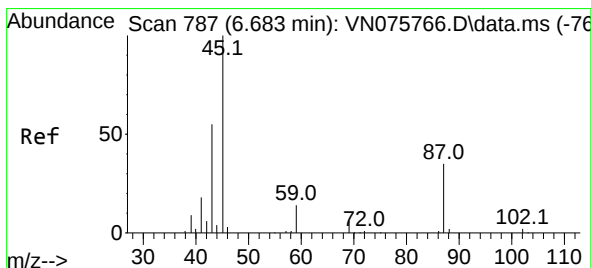
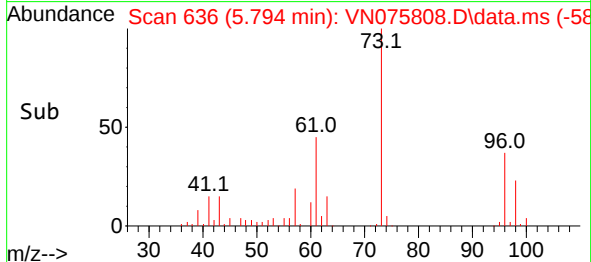
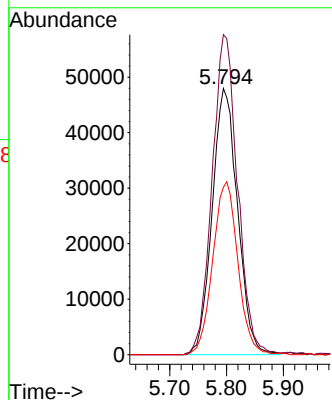
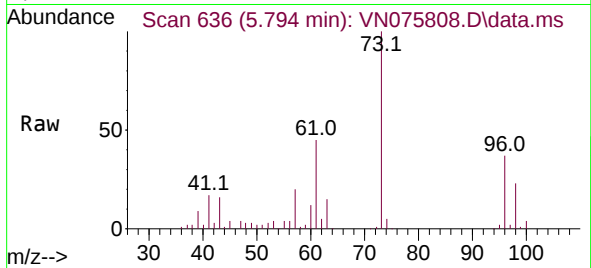




#21
trans-1,2-Dichloroethene
Concen: 46.553 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

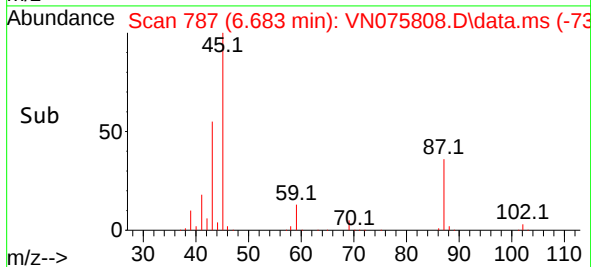
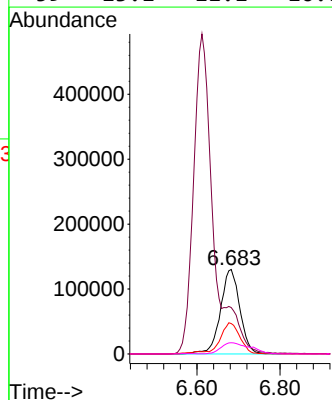
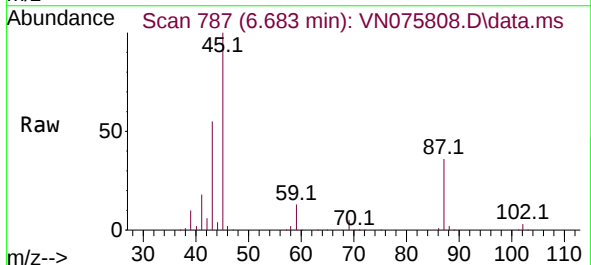
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

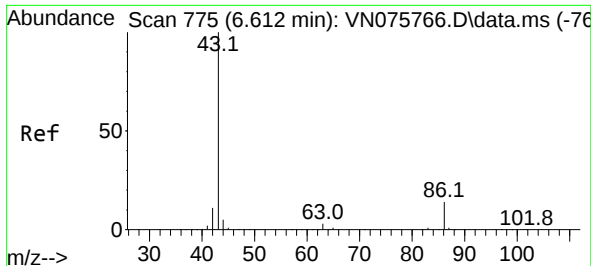
Tgt Ion: 96 Resp: 149047
Ion Ratio Lower Upper
96 100
61 120.2 98.1 147.1
98 62.9 51.4 77.2



#22
Diisopropyl ether
Concen: 50.834 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 45 Resp: 422025
Ion Ratio Lower Upper
45 100
43 53.8 44.2 66.4
87 35.8 28.3 42.5
59 13.1 11.1 16.7

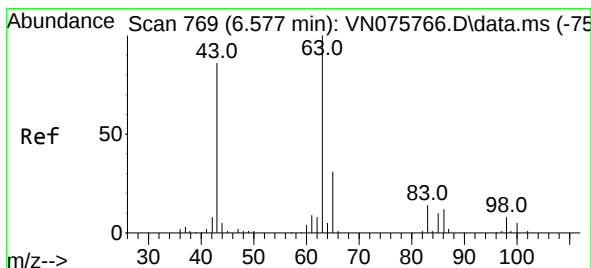
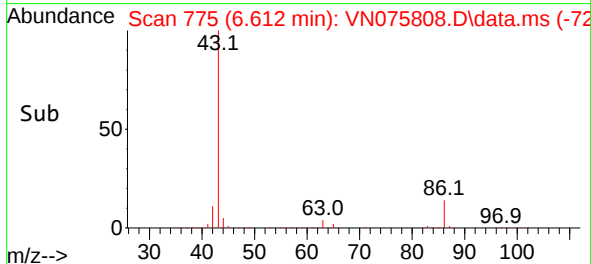
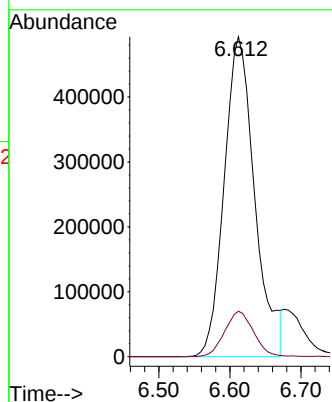
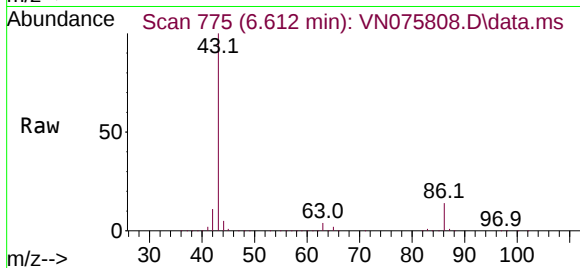




#23
 Vinyl Acetate
 Concen: 262.976 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

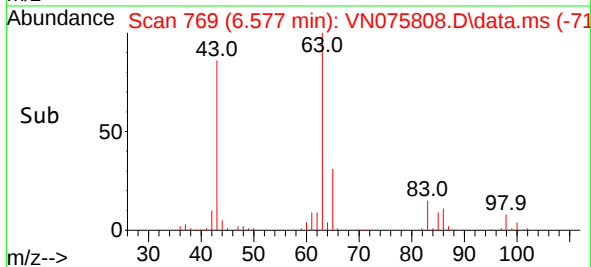
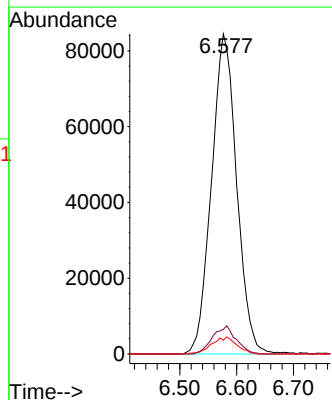
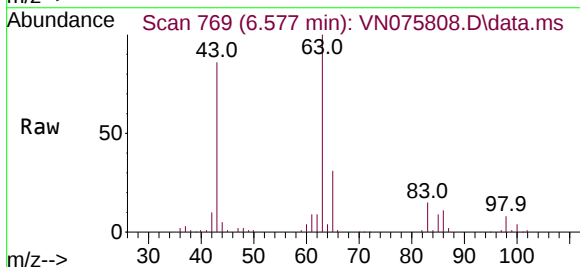
Instrument :
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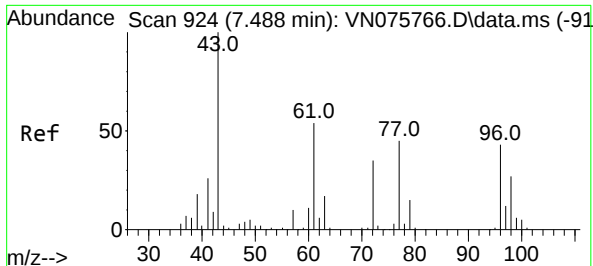
Tgt Ion: 43 Resp: 1469470
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 46.938 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

Tgt Ion: 63 Resp: 259886
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.3 2.5 7.6

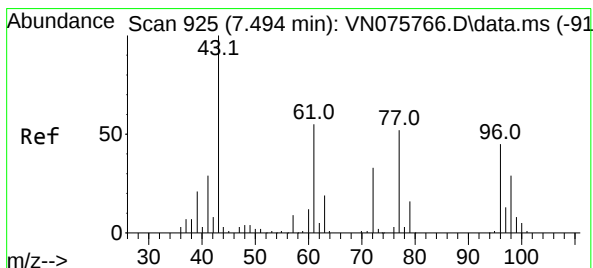
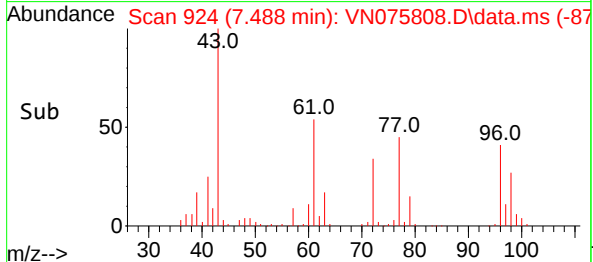
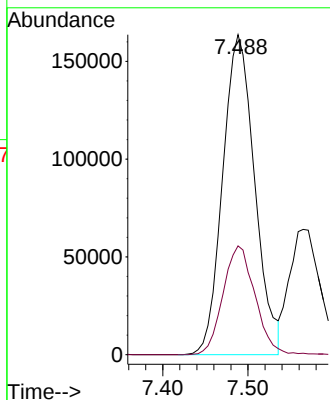
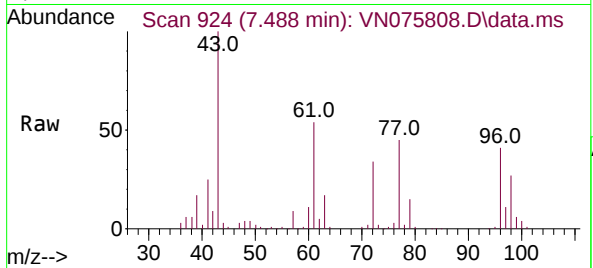




#25
2-Butanone
Concen: 246.941 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

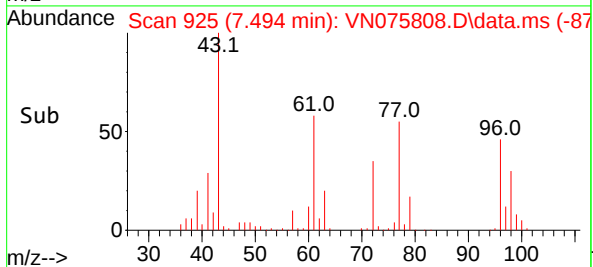
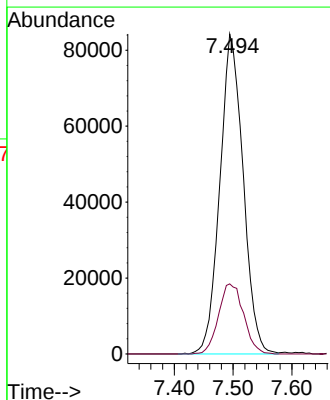
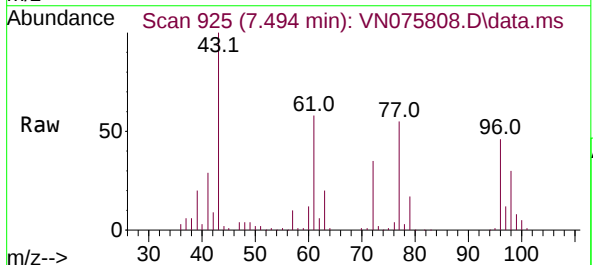
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

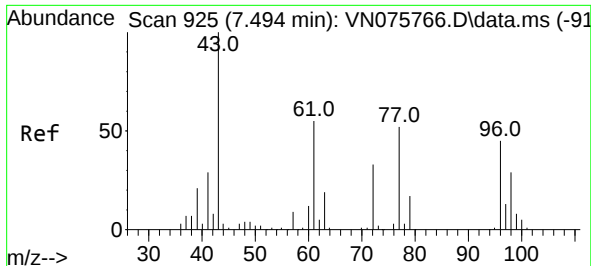
Tgt Ion: 43 Resp: 427716
Ion Ratio Lower Upper
43 100
72 34.0 28.0 42.0



#26
2,2-Dichloropropane
Concen: 49.433 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 77 Resp: 231780
Ion Ratio Lower Upper
77 100
97 23.6 12.7 38.0

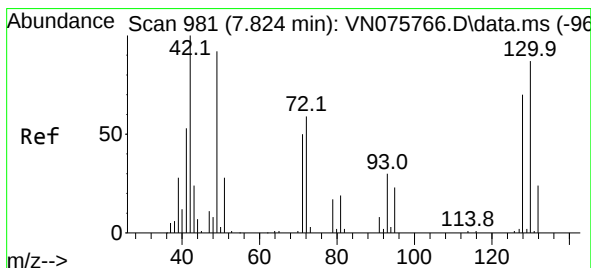
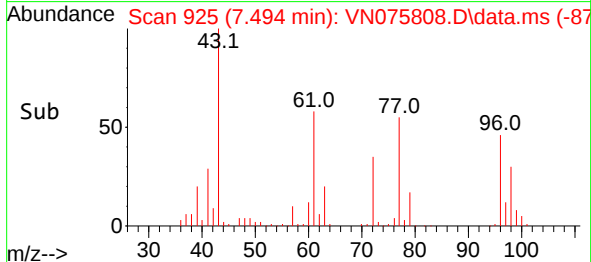
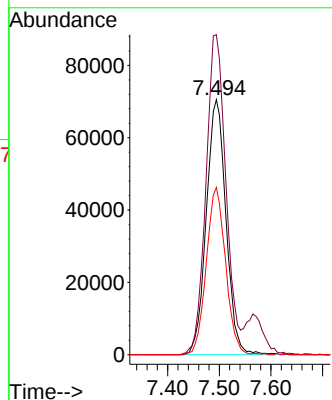
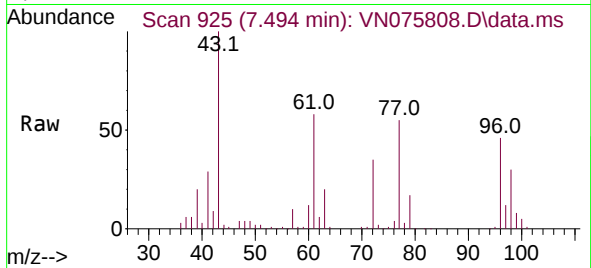




#27
 cis-1,2-Dichloroethene
 Concen: 48.803 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

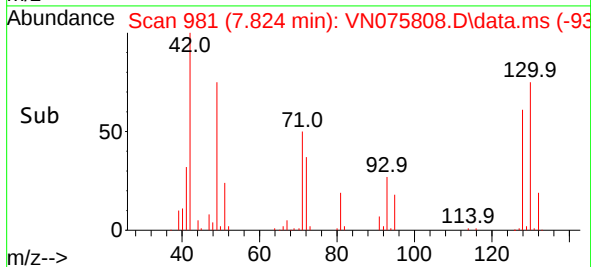
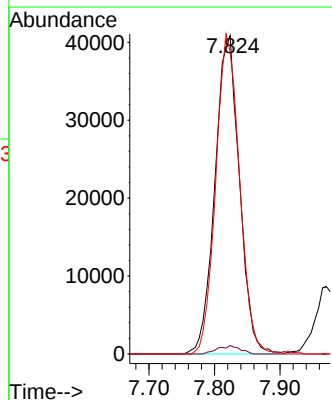
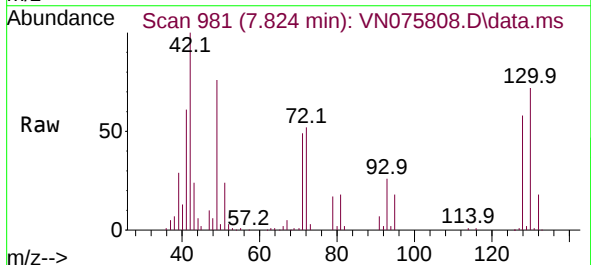
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

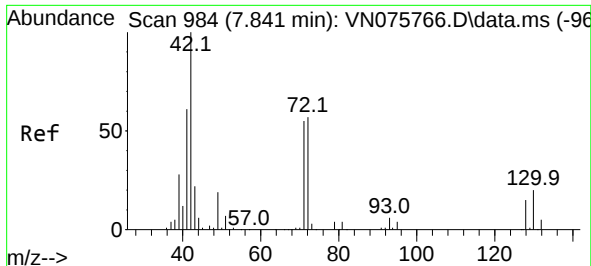
Tgt Ion: 96 Resp: 186874
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 247.8
 98 64.3 0.0 128.4



#28
 Bromochloromethane
 Concen: 43.620 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

Tgt Ion: 49 Resp: 105855
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 97.3 77.0 115.4

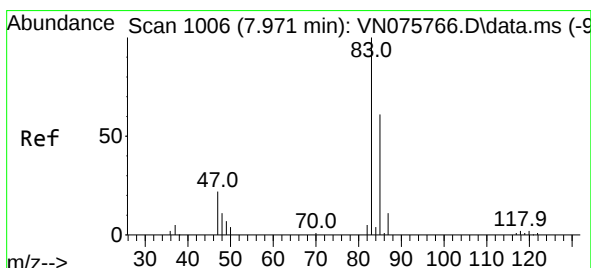
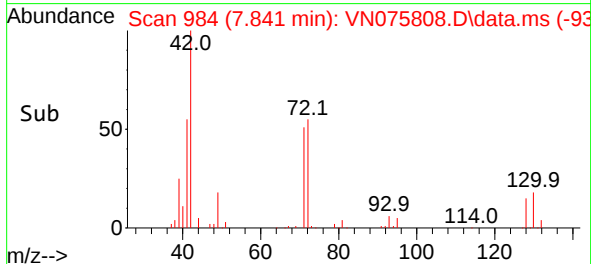
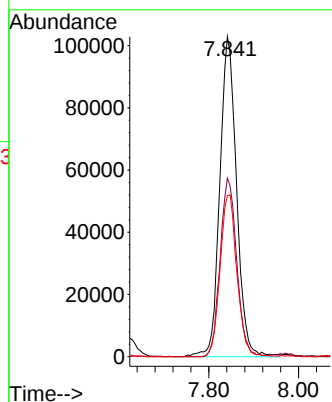
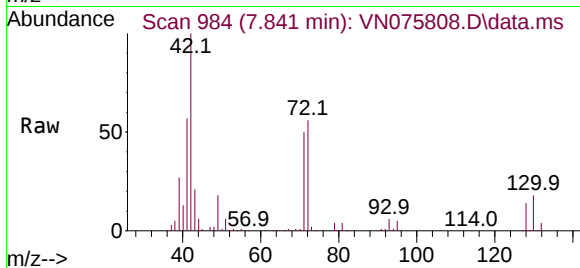




#29
Tetrahydrofuran
Concen: 246.345 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

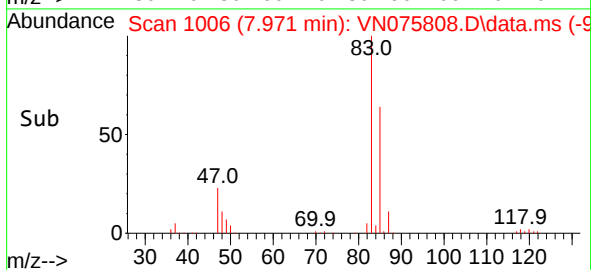
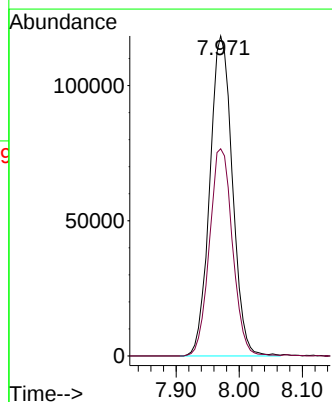
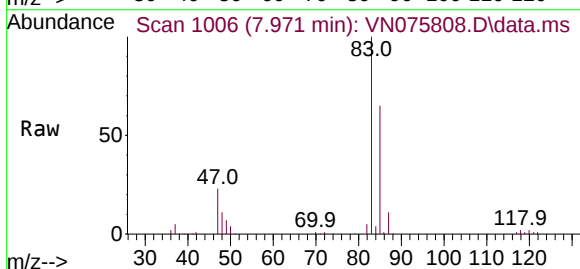
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

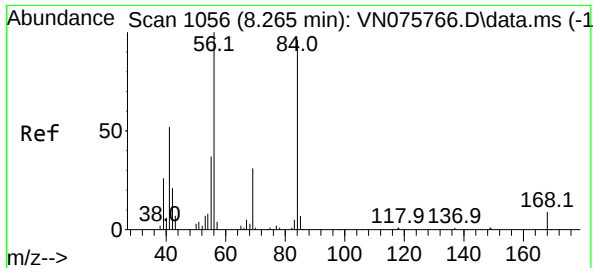
Tgt Ion: 42 Resp: 267392
Ion Ratio Lower Upper
42 100
72 55.2 44.5 66.7
71 50.8 41.0 61.6



#30
Chloroform
Concen: 47.274 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 83 Resp: 294696
Ion Ratio Lower Upper
83 100
85 64.7 49.1 73.7

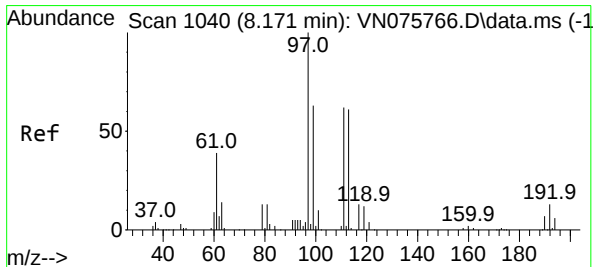
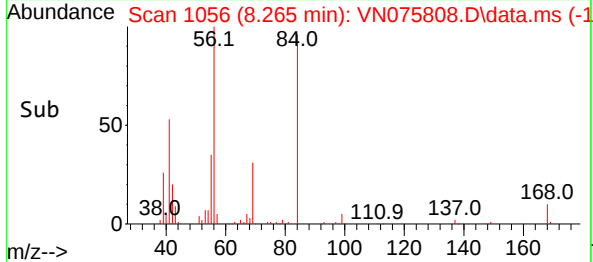
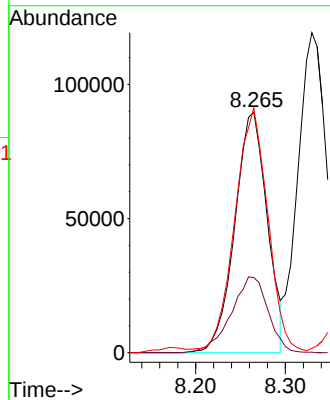
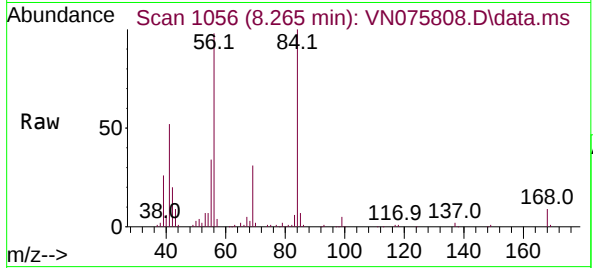




#31
Cyclohexane
Concen: 43.659 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

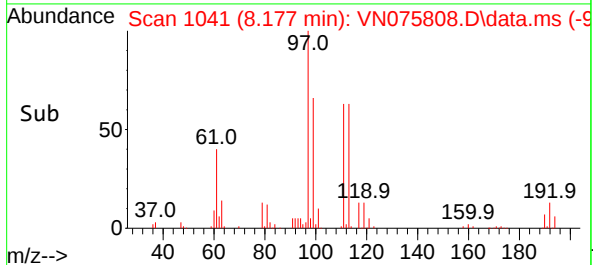
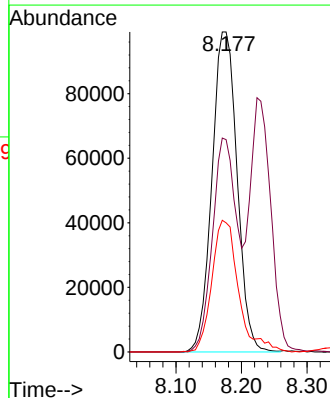
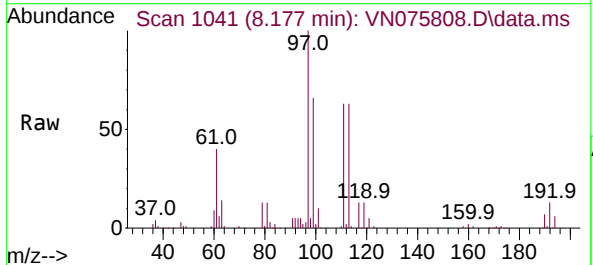
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

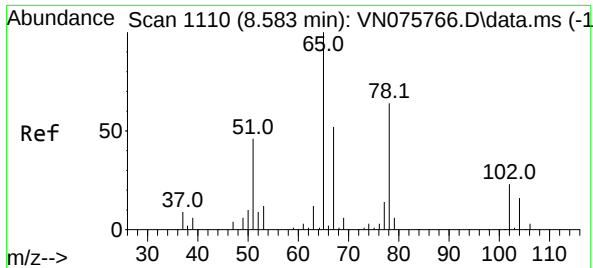
Tgt Ion: 56 Resp: 224377
Ion Ratio Lower Upper
56 100
69 31.2 24.7 37.1
84 99.9 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 47.761 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 97 Resp: 263960
Ion Ratio Lower Upper
97 100
99 63.8 50.2 75.2
61 43.6 34.5 51.7

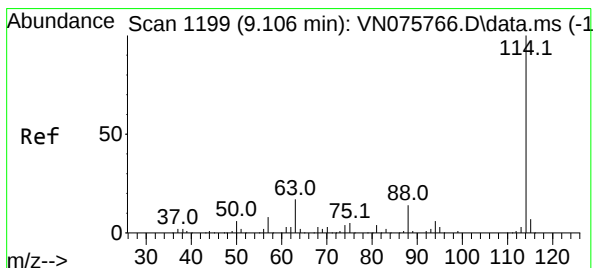
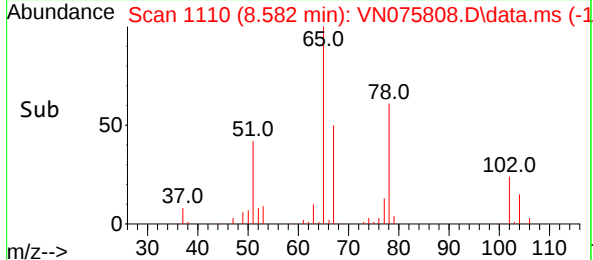
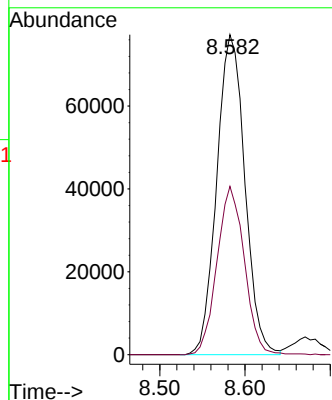
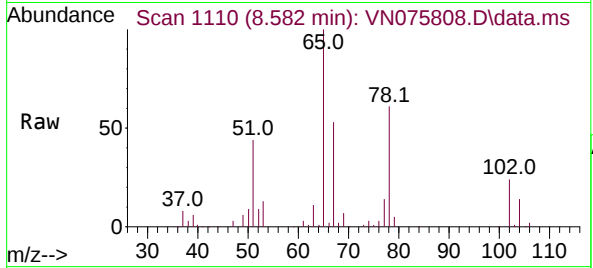




#33
1,2-Dichloroethane-d4
Concen: 49.365 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

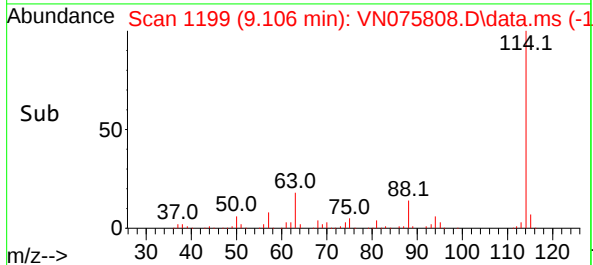
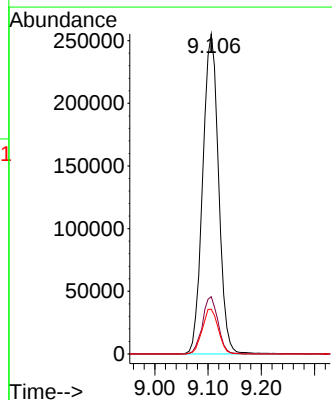
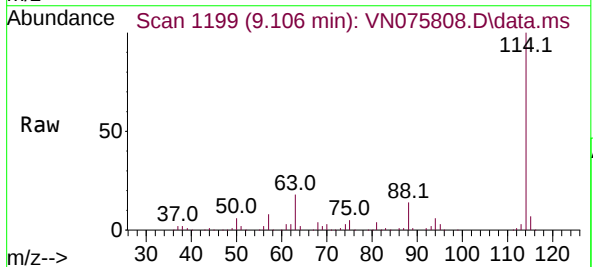
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

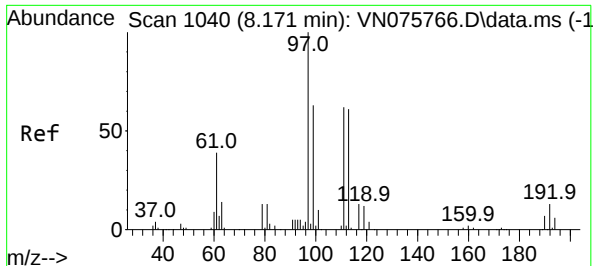
Tgt Ion: 65 Resp: 177145
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion:114 Resp: 527472
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.4
88 13.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.557 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

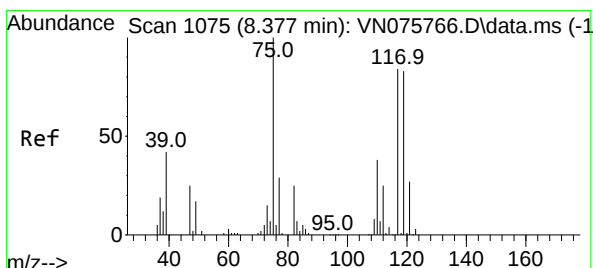
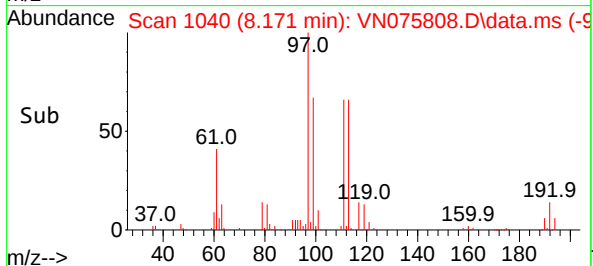
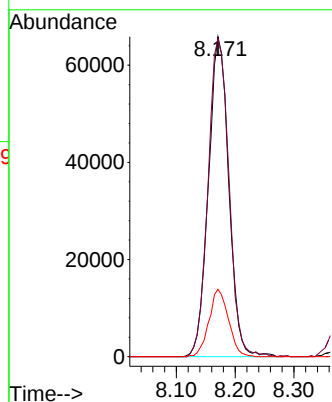
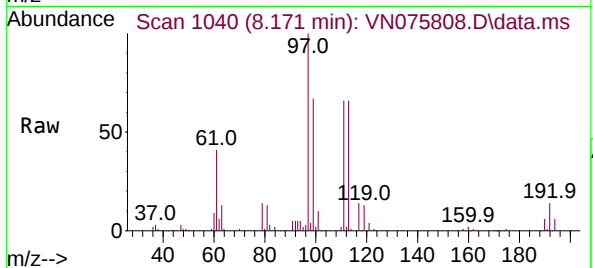
Tgt Ion:113 Resp: 158613

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 20.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 48.188 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

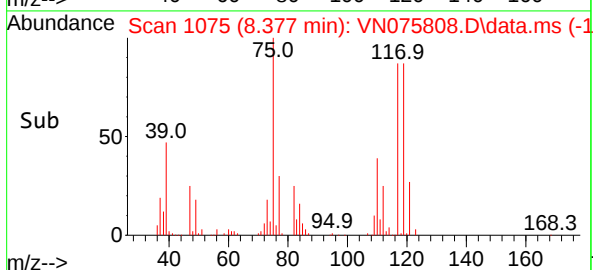
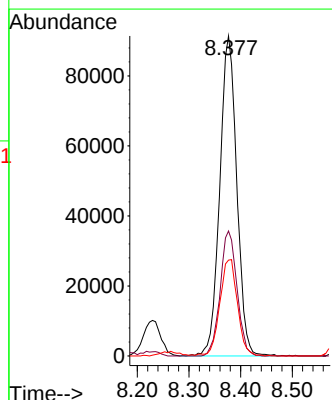
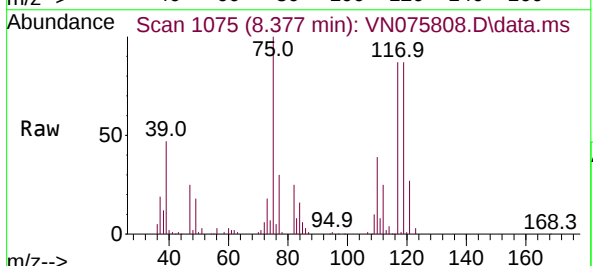
Tgt Ion: 75 Resp: 209100

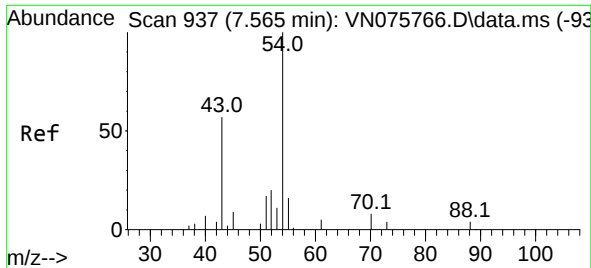
Ion Ratio Lower Upper

75 100

110 38.5 18.8 56.4

77 31.4 24.1 36.1





#37

Ethyl Acetate

Concen: 47.528 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

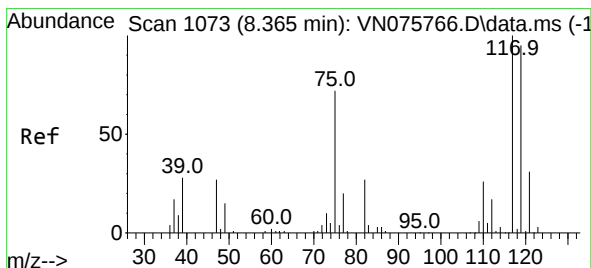
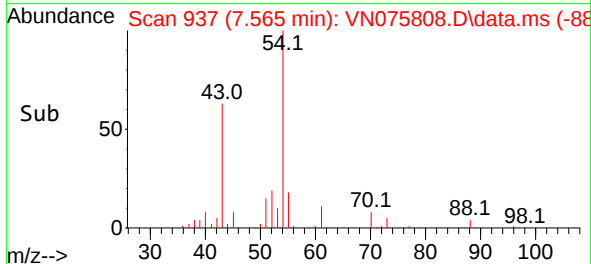
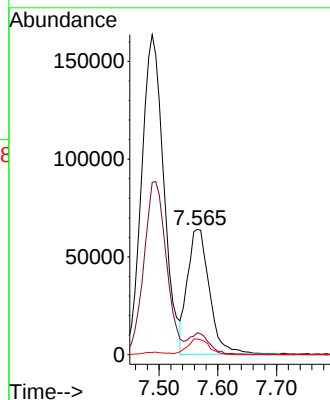
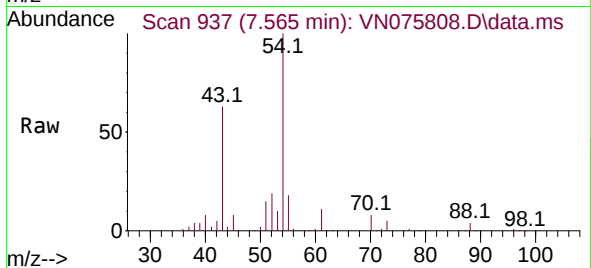
Tgt Ion: 43 Resp: 165660

Ion Ratio Lower Upper

43 100

61 15.2 13.0 19.4

70 12.4 9.4 14.0



#38

Carbon Tetrachloride

Concen: 47.672 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

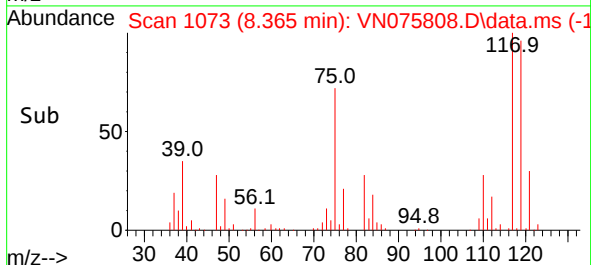
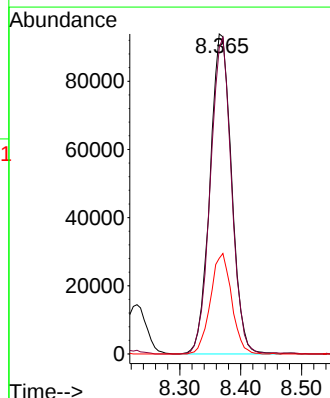
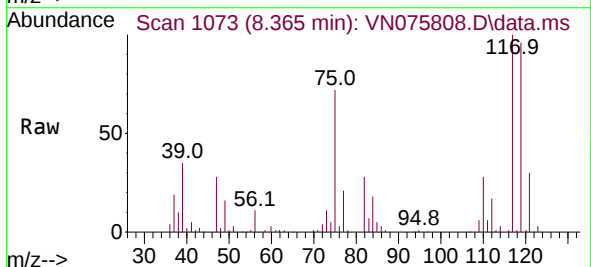
Tgt Ion: 117 Resp: 231526

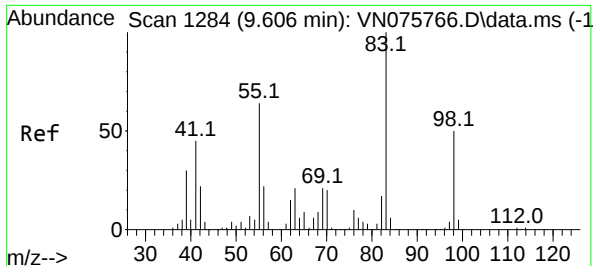
Ion Ratio Lower Upper

117 100

119 95.7 76.1 114.1

121 29.9 24.5 36.7





#39

Methylcyclohexane

Concen: 51.937 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

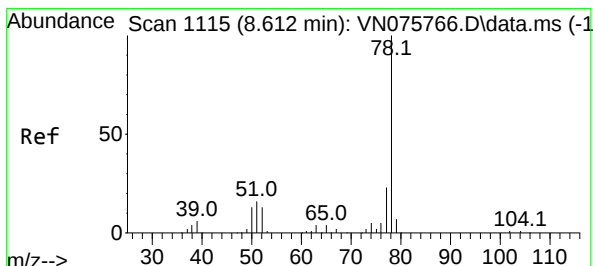
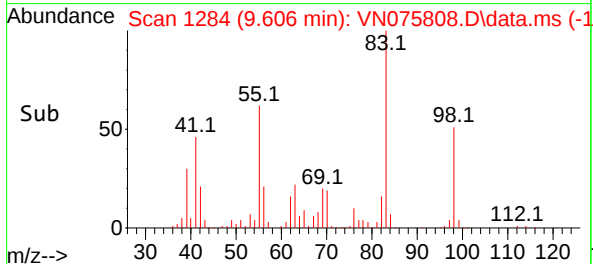
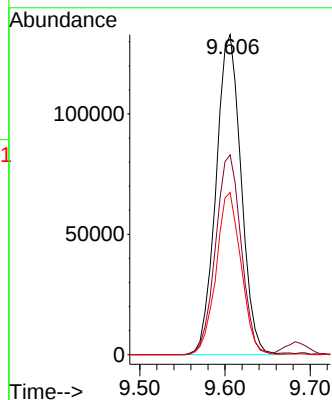
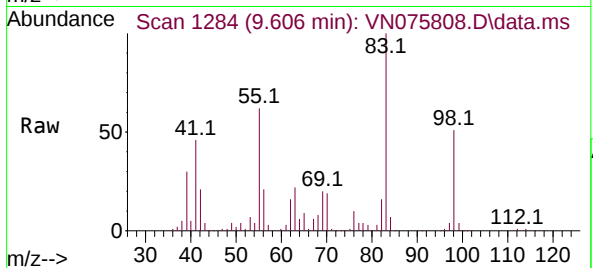
Tgt Ion: 83 Resp: 271891

Ion Ratio Lower Upper

83 100

55 62.4 51.4 77.0

98 50.7 39.8 59.8



#40

Benzene

Concen: 48.333 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075808.D

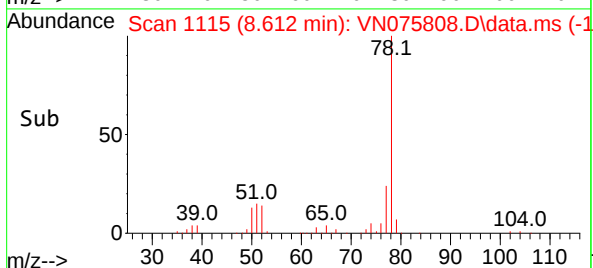
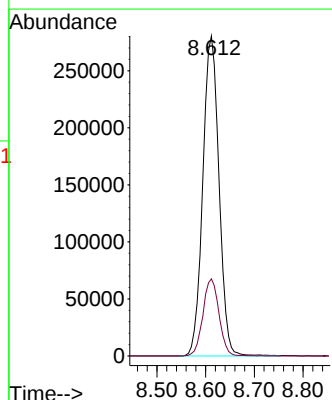
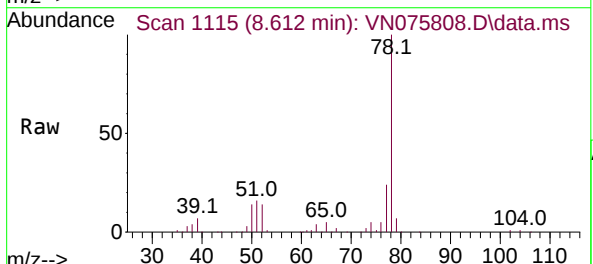
Acq: 15 Dec 2022 11:04

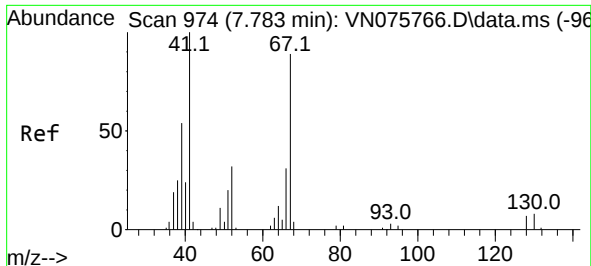
Tgt Ion: 78 Resp: 647098

Ion Ratio Lower Upper

78 100

77 24.1 18.5 27.7



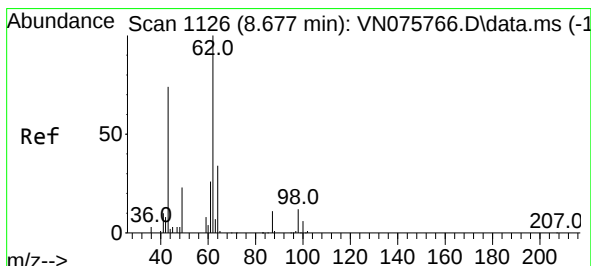
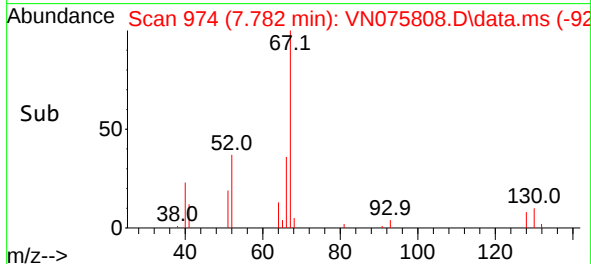
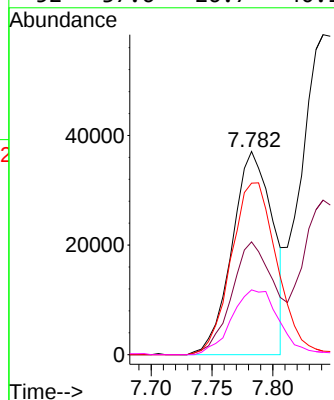
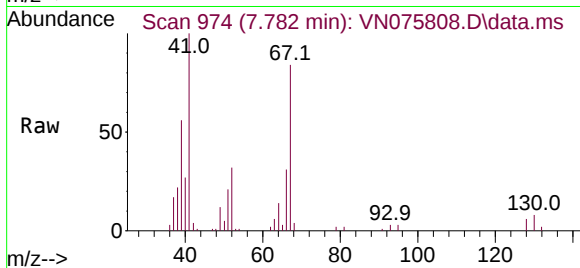


#41
Methacrylonitrile
Concen: 47.459 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 85983

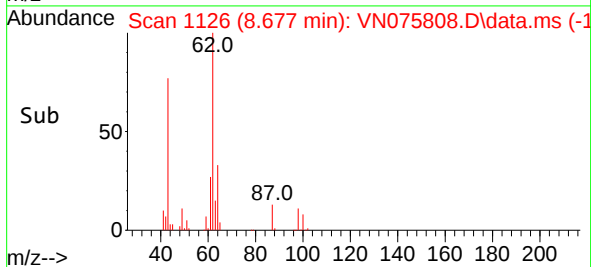
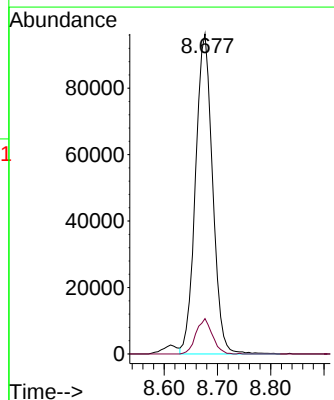
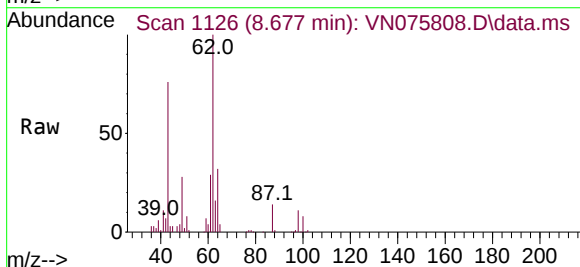
Ion	Ratio	Lower	Upper
41	100		
39	59.6	43.1	64.7
67	95.9	70.7	106.1
52	37.6	26.7	40.1

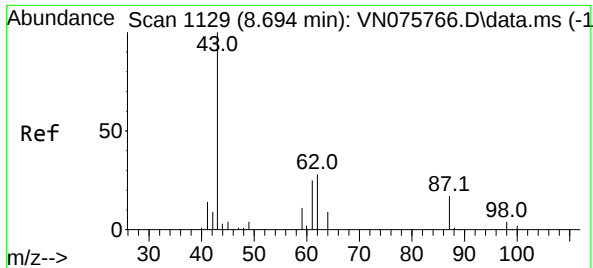


#42
1,2-Dichloroethane
Concen: 48.175 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 62 Resp: 214429

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8

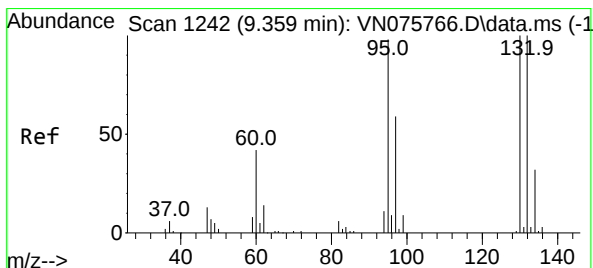
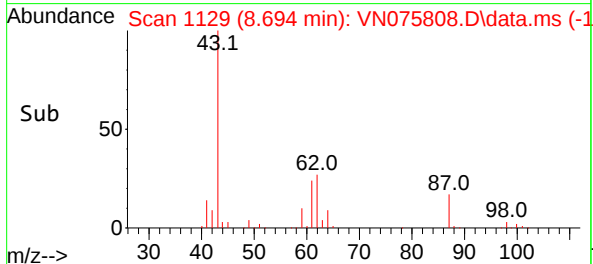
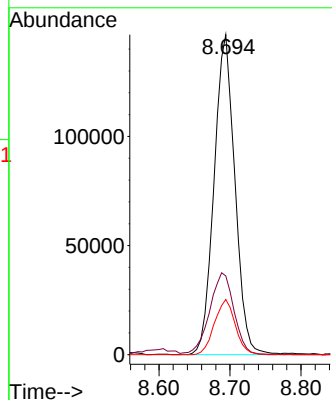
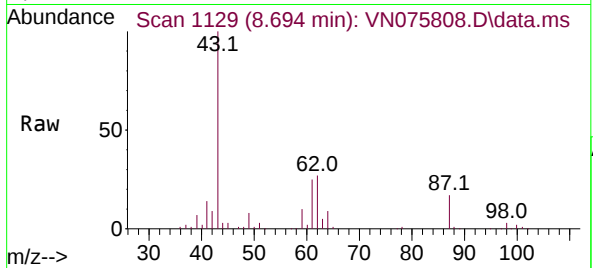




#43
Isopropyl Acetate
Concen: 51.842 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

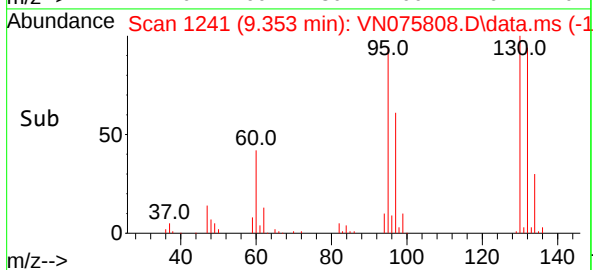
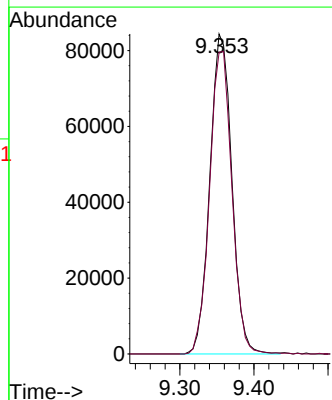
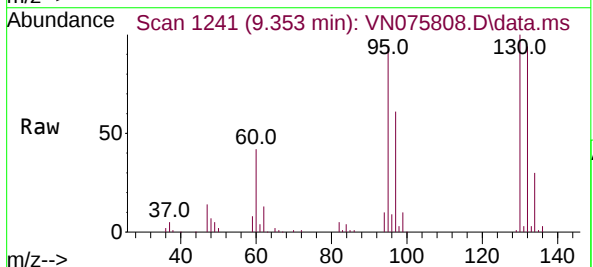
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

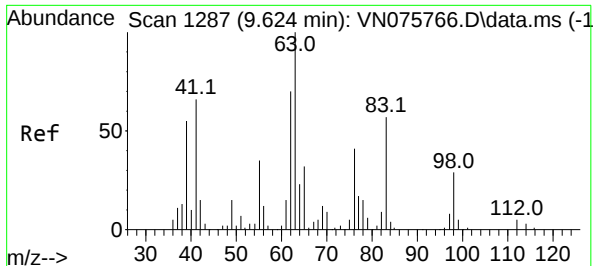
Tgt Ion: 43 Resp: 298070
Ion Ratio Lower Upper
43 100
61 29.9 24.2 36.4
87 17.2 13.3 19.9



#44
Trichloroethene
Concen: 46.201 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion:130 Resp: 174257
Ion Ratio Lower Upper
130 100
95 94.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.257 ug/l

RT: 9.624 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

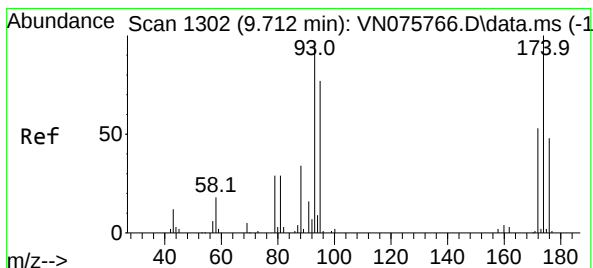
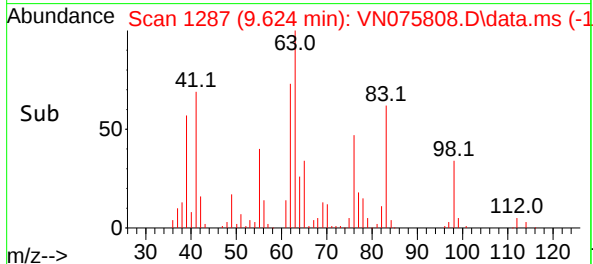
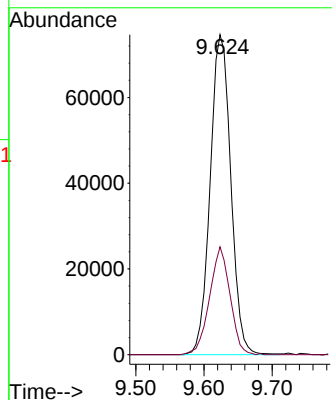
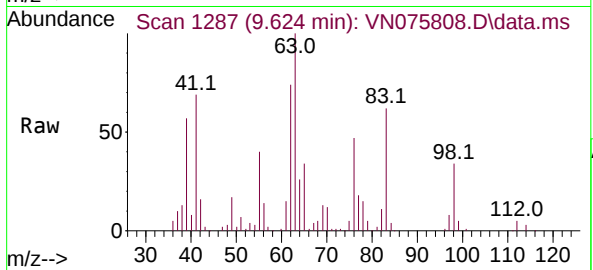
VSTDCCC050

Tgt Ion: 63 Resp: 157220

Ion Ratio Lower Upper

63 100

65 33.7 25.7 38.5



#46

Dibromomethane

Concen: 48.915 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

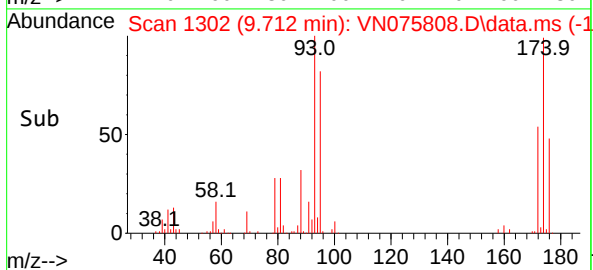
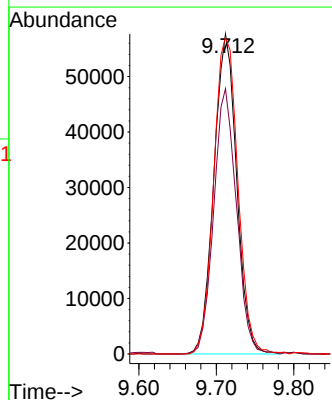
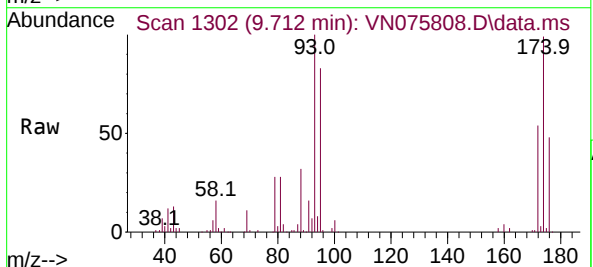
Tgt Ion: 93 Resp: 118201

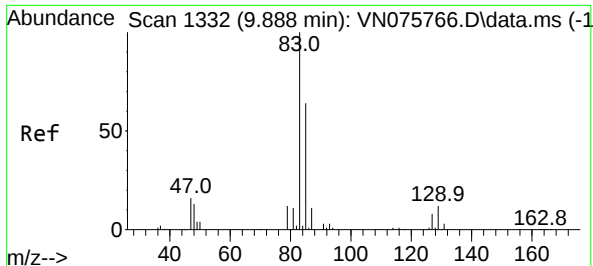
Ion Ratio Lower Upper

93 100

95 82.5 65.2 97.8

174 104.6 82.4 123.6





#47

Bromodichloromethane

Concen: 49.494 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

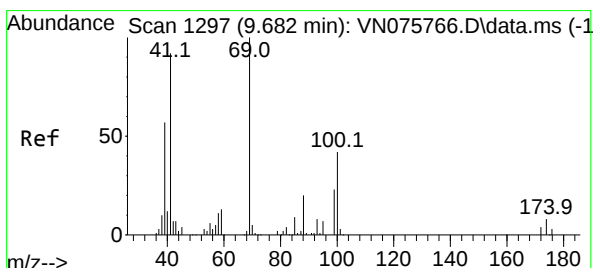
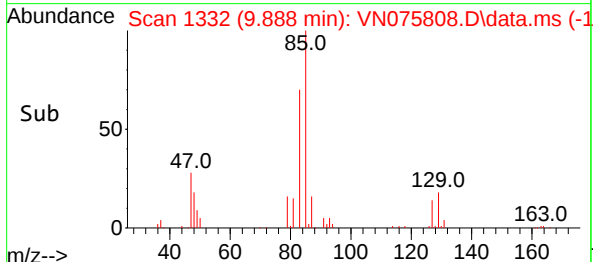
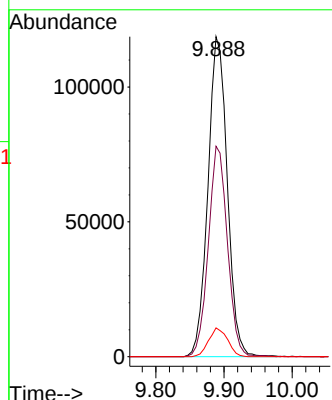
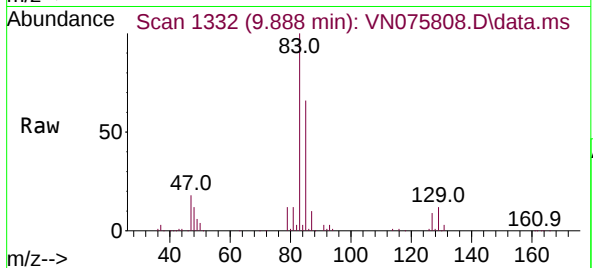
Tgt Ion: 83 Resp: 234539

Ion Ratio Lower Upper

83 100

85 65.7 51.5 77.3

127 9.0 6.6 10.0



#48

Methyl methacrylate

Concen: 52.475 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

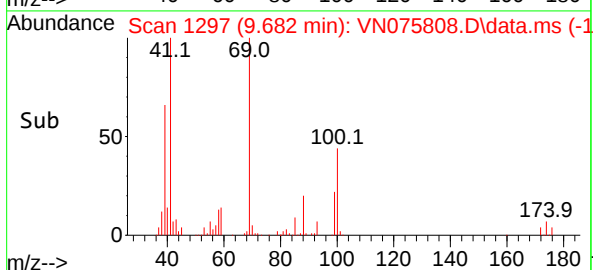
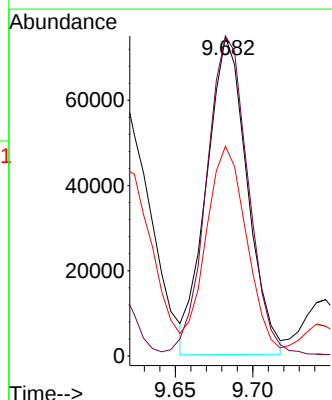
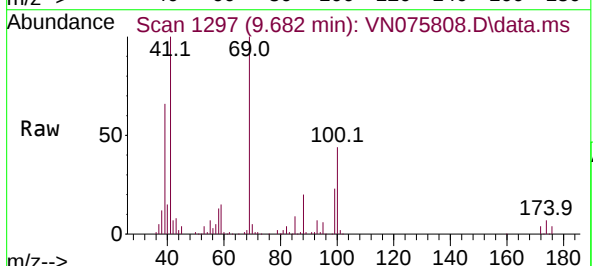
Tgt Ion: 41 Resp: 135888

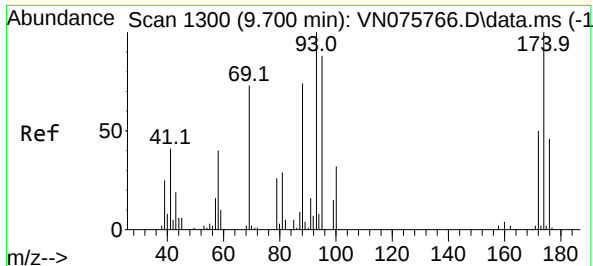
Ion Ratio Lower Upper

41 100

69 102.9 81.9 122.9

39 66.5 51.6 77.4





#49

1,4-Dioxane

Concen: 913.117 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

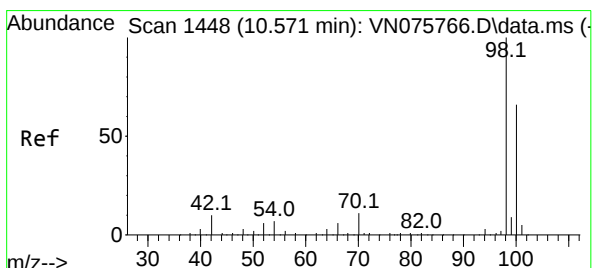
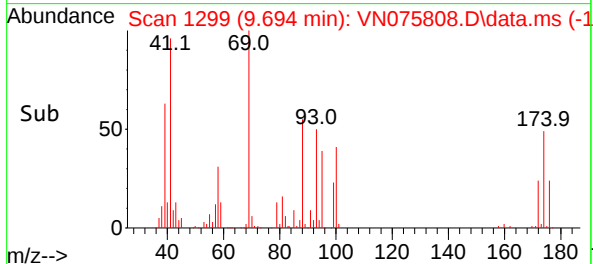
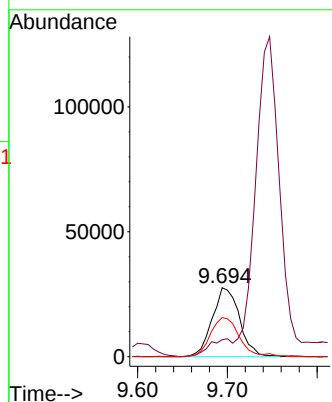
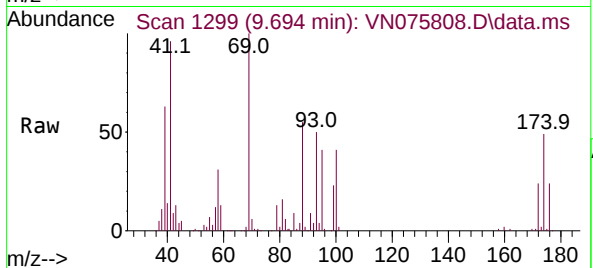
Tgt Ion: 88 Resp: 58132

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 60.5 47.8 71.8



#50

Toluene-d8

Concen: 48.527 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075808.D

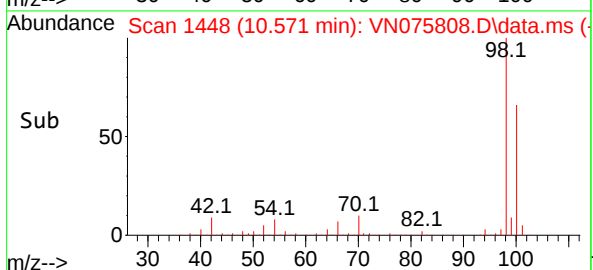
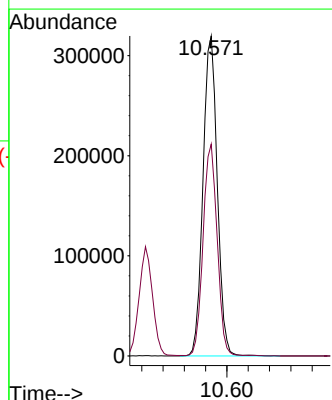
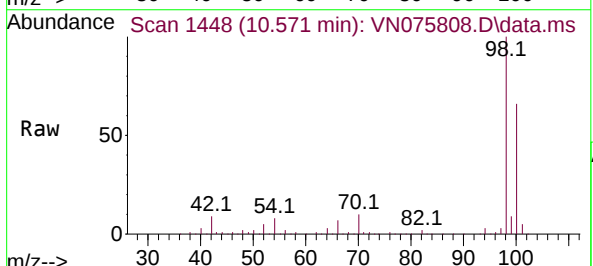
Acq: 15 Dec 2022 11:04

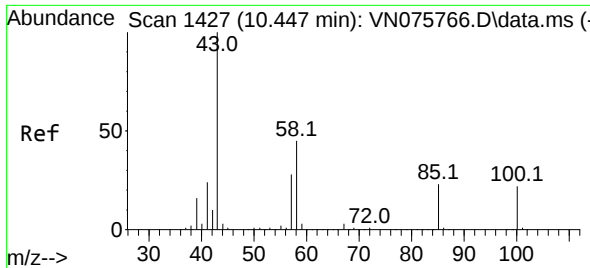
Tgt Ion: 98 Resp: 592672

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

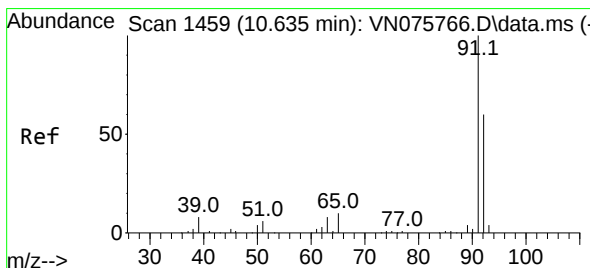
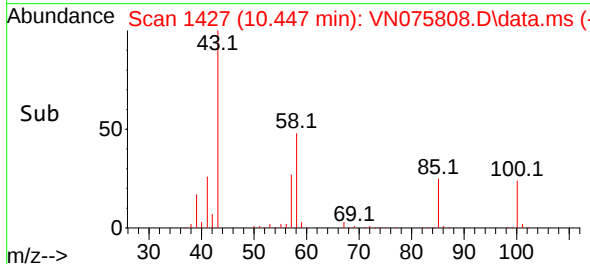
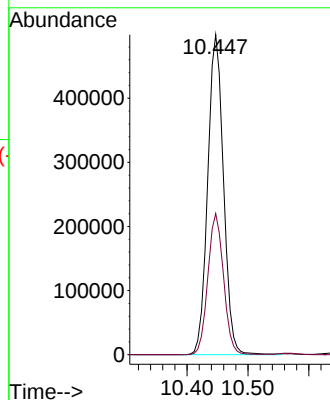
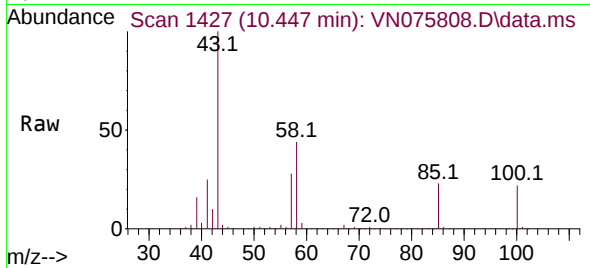




#51
4-Methyl-2-Pentanone
Concen: 258.440 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

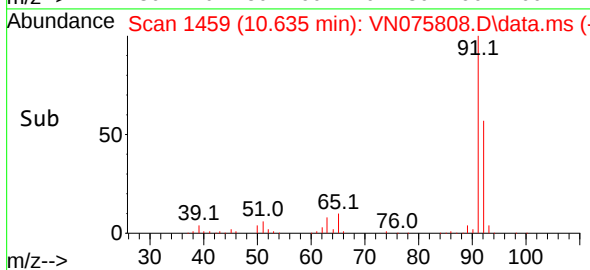
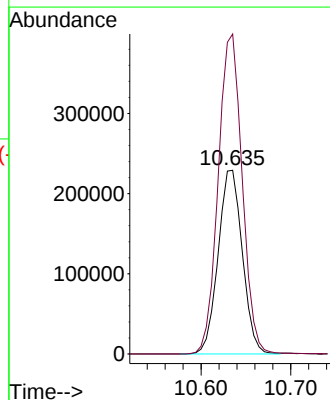
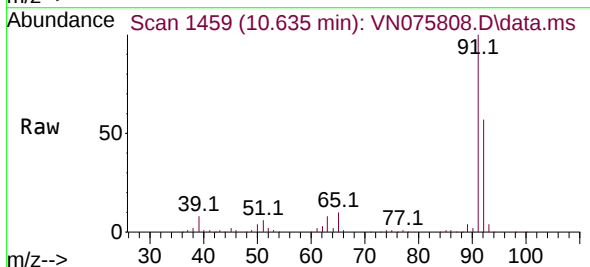
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

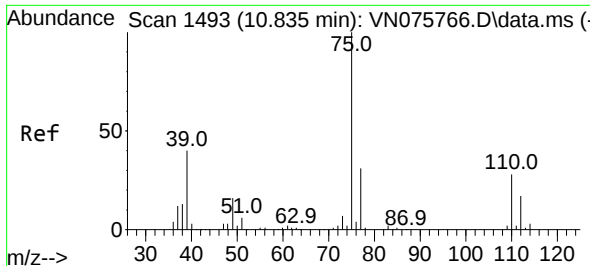
Tgt Ion: 43 Resp: 898628
Ion Ratio Lower Upper
43 100
58 43.8 35.5 53.3



#52
Toluene
Concen: 49.231 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 92 Resp: 429269
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9

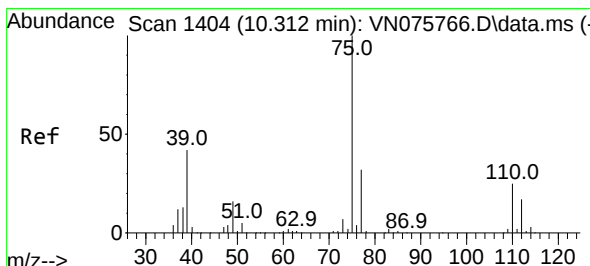
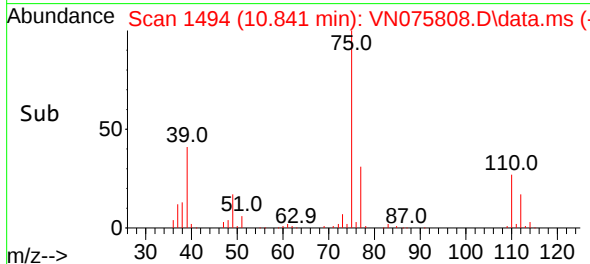
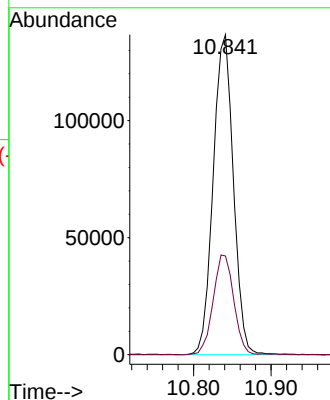
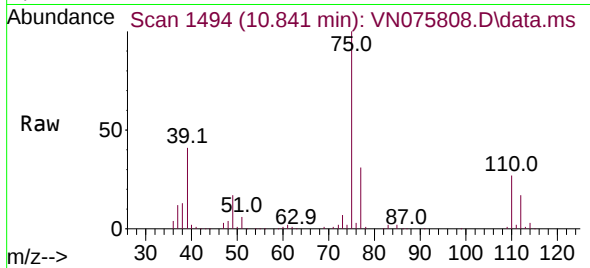




#53
 t-1,3-Dichloropropene
 Concen: 53.249 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

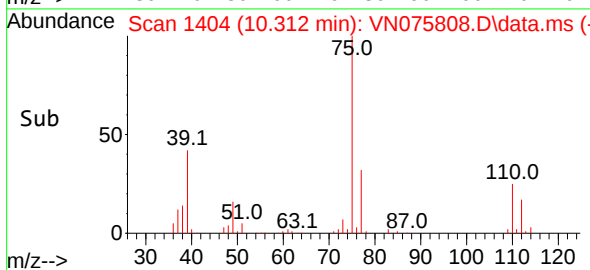
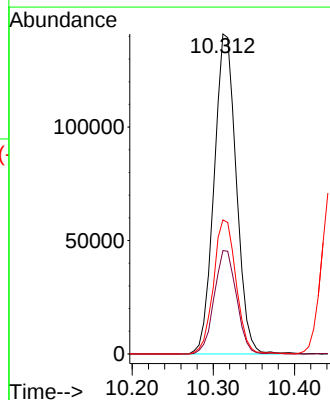
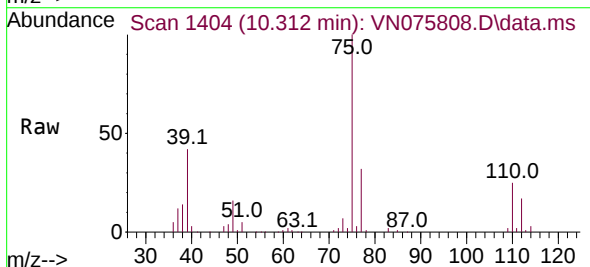
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

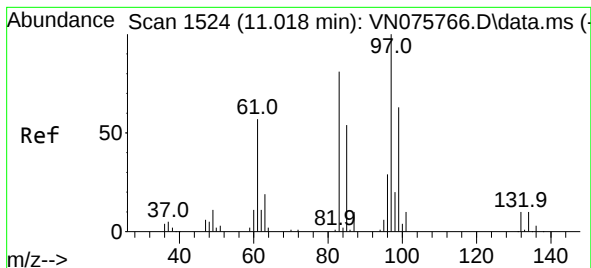
Tgt Ion: 75 Resp: 247004
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.659 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

Tgt Ion: 75 Resp: 268194
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 41.9 33.4 50.2

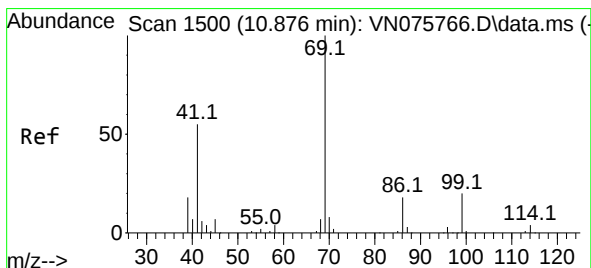
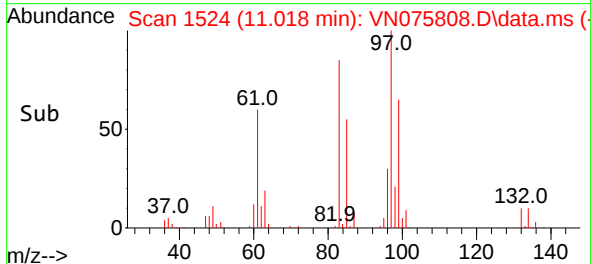
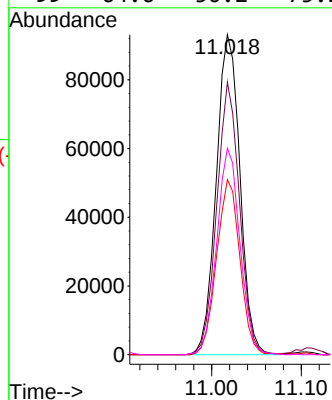
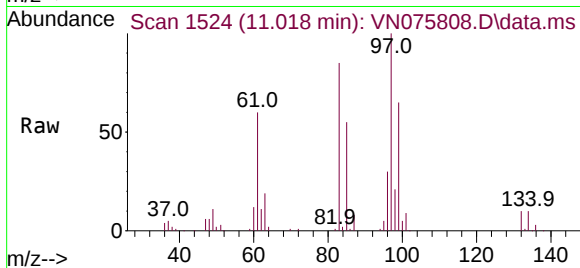




#55
1,1,2-Trichloroethane
Concen: 49.931 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

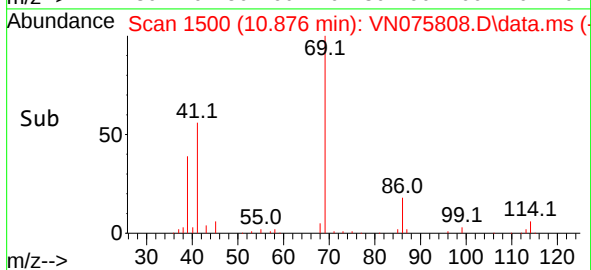
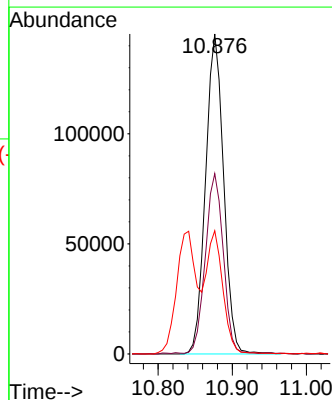
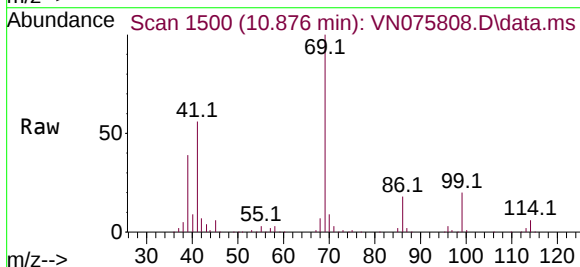
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

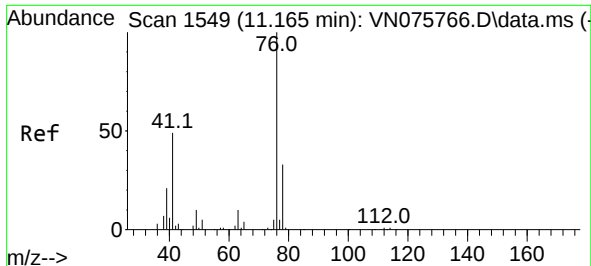
Tgt Ion:	97	Resp:	170885
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.0	97.4
85	54.7	43.0	64.6
99	64.6	50.2	75.2



#56
Ethyl methacrylate
Concen: 54.119 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion:	69	Resp:	246018
Ion	Ratio	Lower	Upper
69	100		
41	55.6	44.2	66.4
39	34.2	26.4	39.6





#57

1,3-Dichloropropane

Concen: 50.108 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

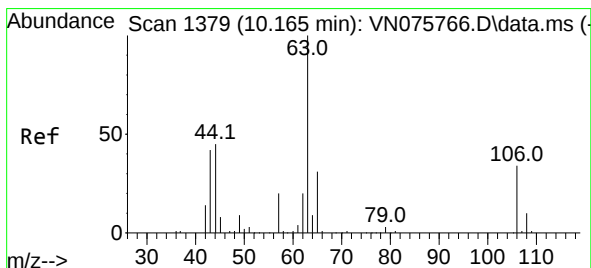
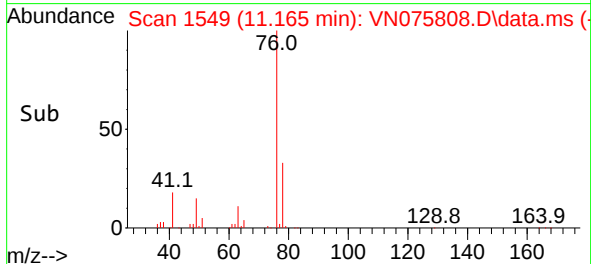
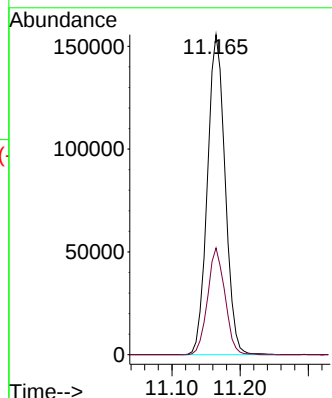
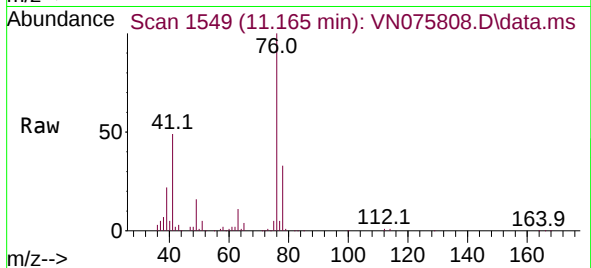
VSTDCCC050

Tgt Ion: 76 Resp: 281294

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 254.378 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075808.D

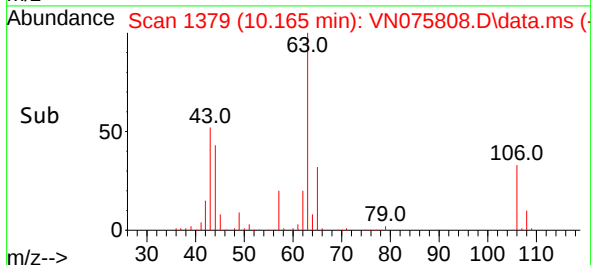
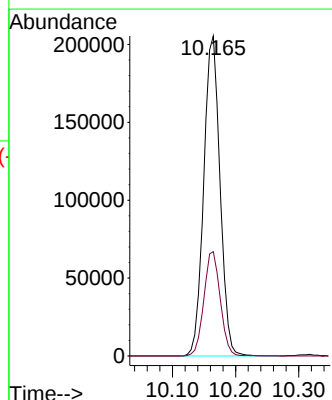
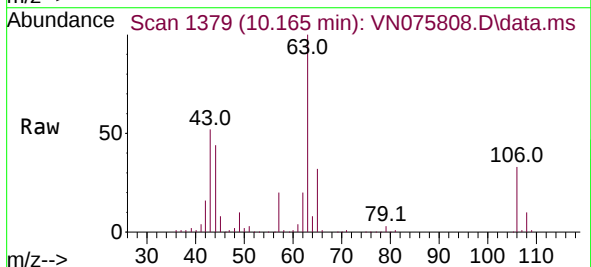
Acq: 15 Dec 2022 11:04

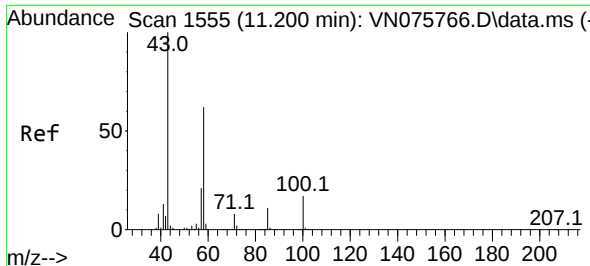
Tgt Ion: 63 Resp: 368168

Ion Ratio Lower Upper

63 100

106 32.8 26.4 39.6

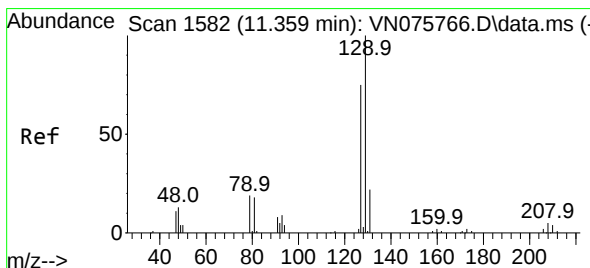
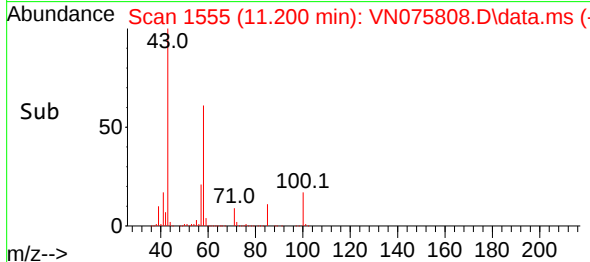
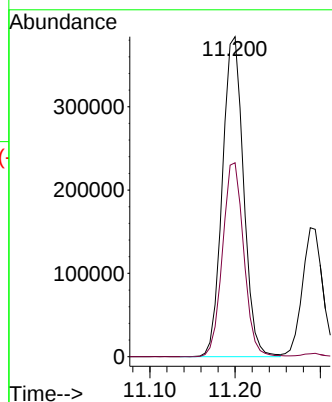
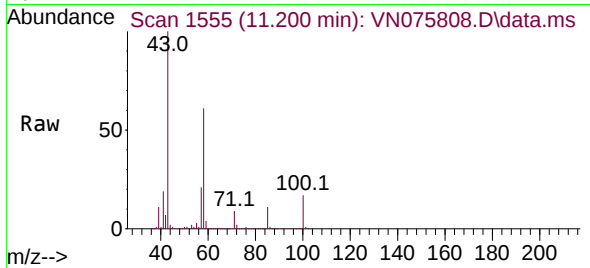




#59
2-Hexanone
Concen: 261.622 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

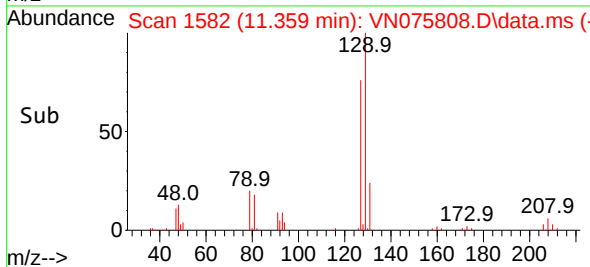
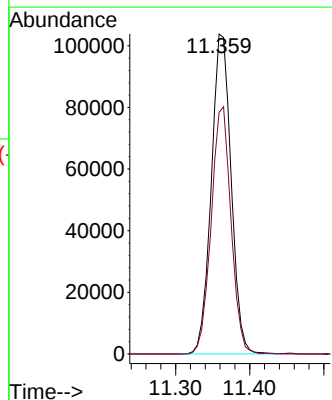
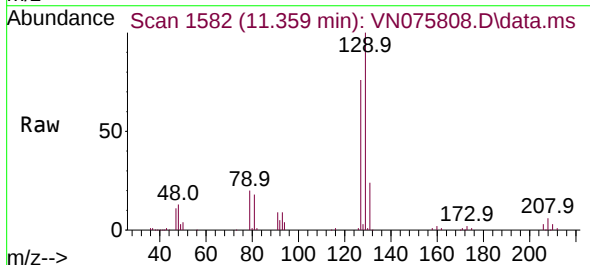
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

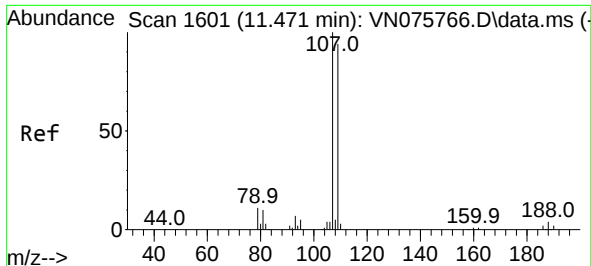
Tgt Ion: 43 Resp: 663410
Ion Ratio Lower Upper
43 100
58 60.6 30.6 92.0



#60
Dibromochloromethane
Concen: 50.746 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 129 Resp: 193144
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9

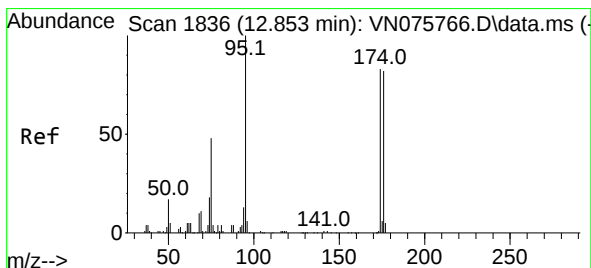
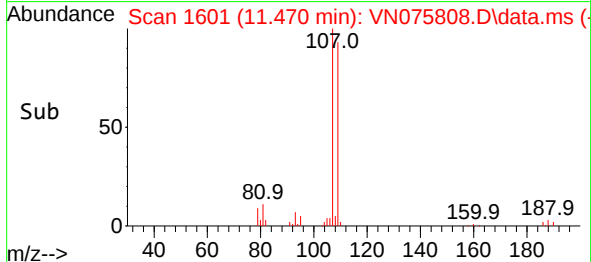
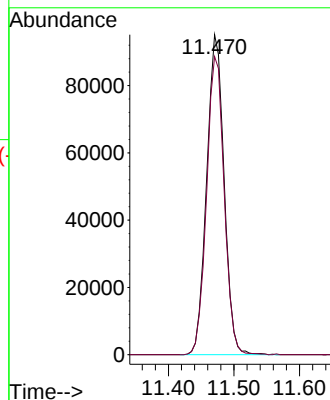
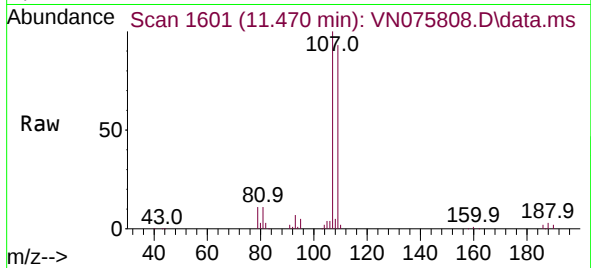




#61
1,2-Dibromoethane
Concen: 50.783 ug/l
RT: 11.470 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

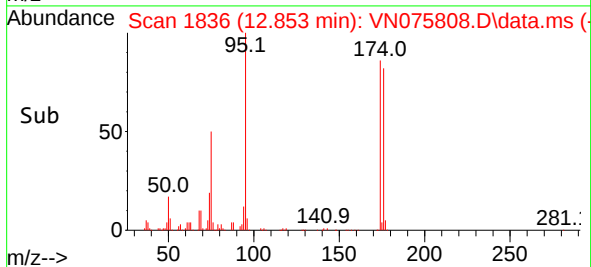
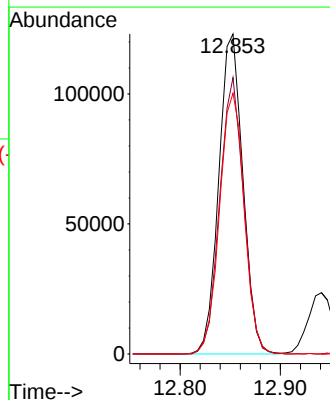
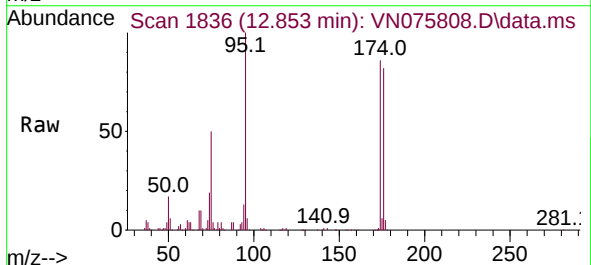
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

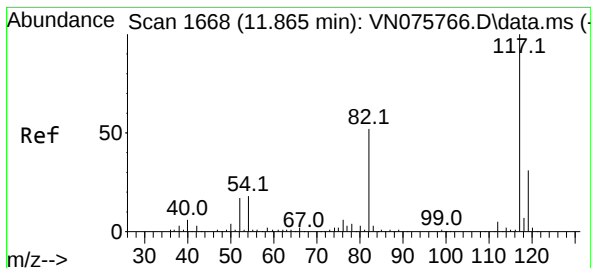
Tgt Ion:107 Resp: 175882
Ion Ratio Lower Upper
107 100
109 94.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.644 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 95 Resp: 204863
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 83.5 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

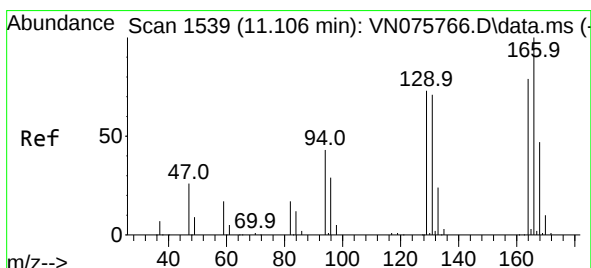
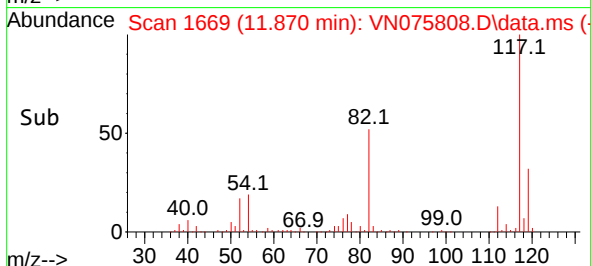
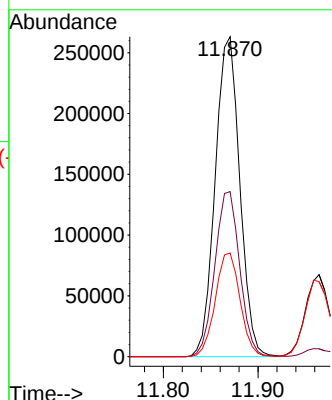
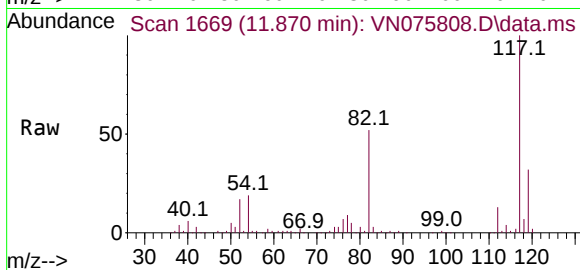
Tgt Ion:117 Resp: 475438

Ion Ratio Lower Upper

117 100

82 51.6 41.3 61.9

119 32.4 24.6 37.0



#64

Tetrachloroethene

Concen: 45.004 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Tgt Ion:164 Resp: 150563

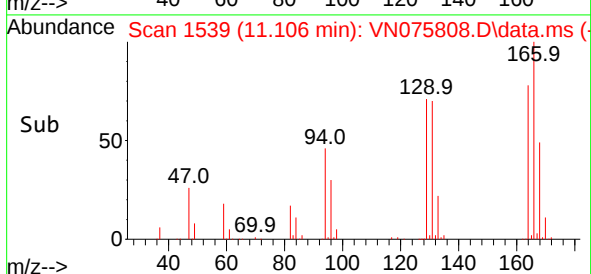
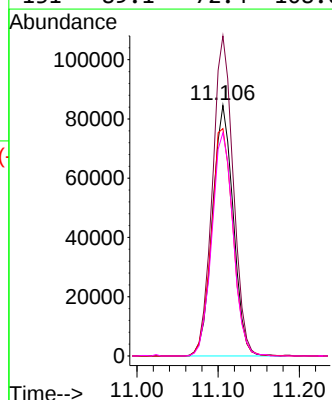
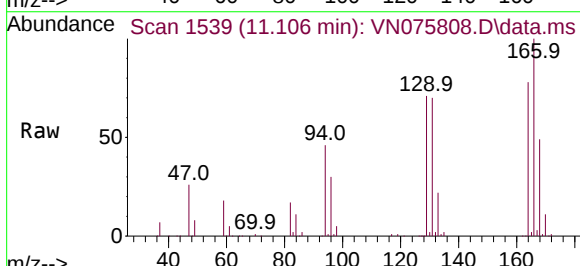
Ion Ratio Lower Upper

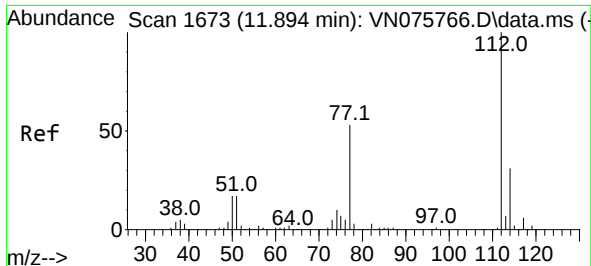
164 100

166 127.7 101.9 152.9

129 90.7 74.2 111.2

131 89.1 72.4 108.6

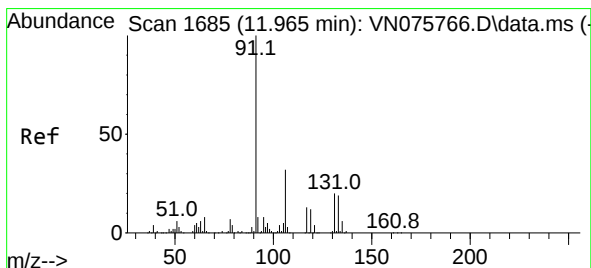
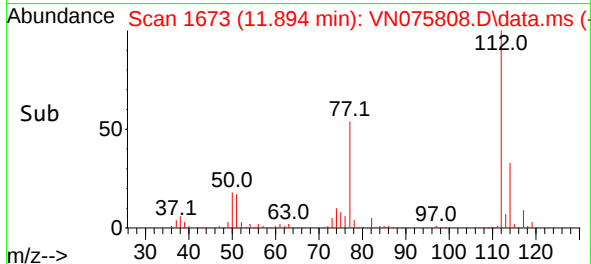
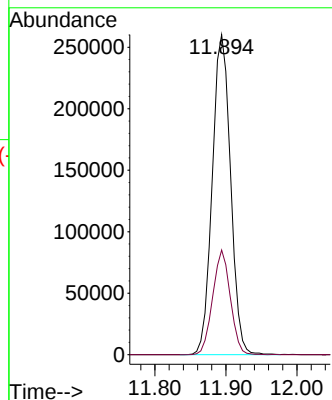
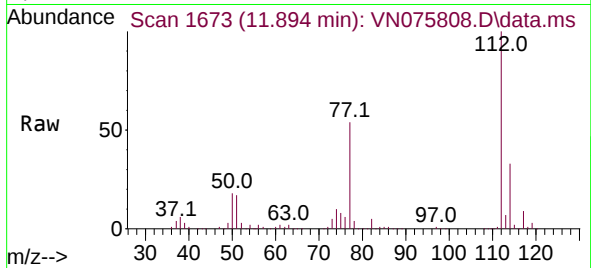




#65
Chlorobenzene
Concen: 47.669 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

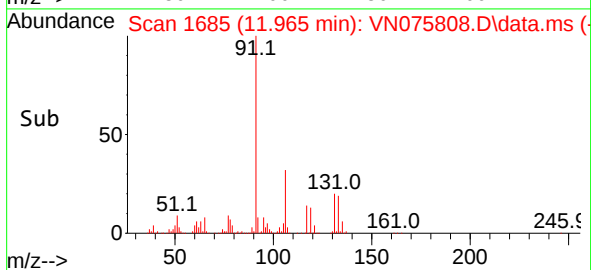
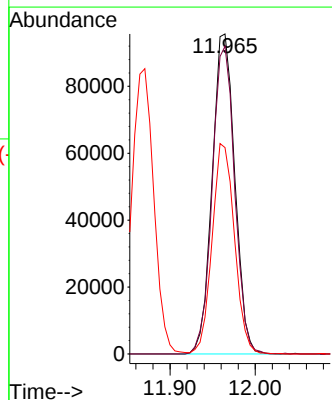
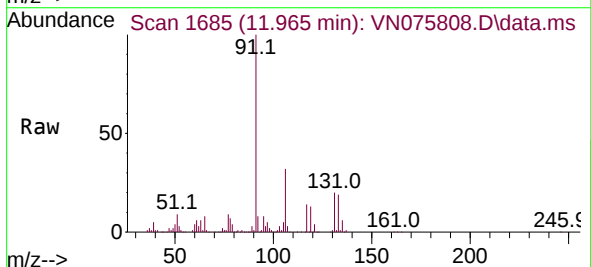
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

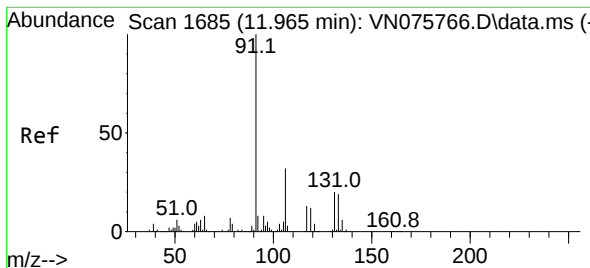
Tgt Ion:112 Resp: 465170
Ion Ratio Lower Upper
112 100
114 32.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.831 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion:131 Resp: 176496
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 64.9 31.9 95.7

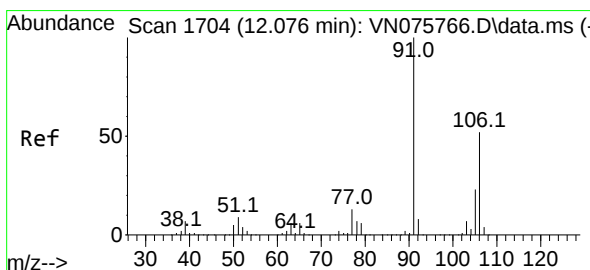
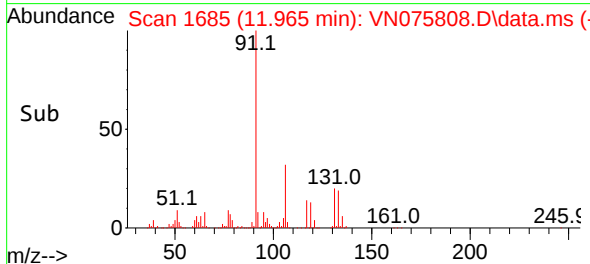
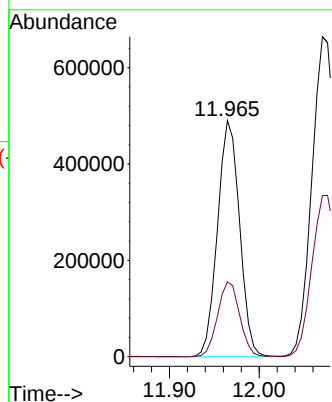
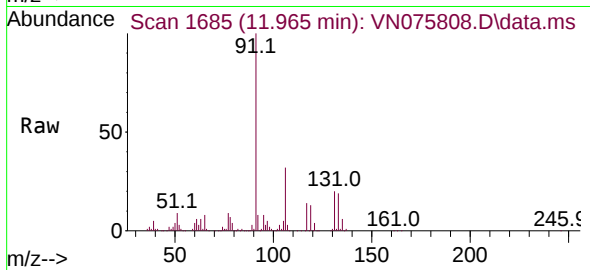




#67
Ethyl Benzene
Concen: 50.813 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

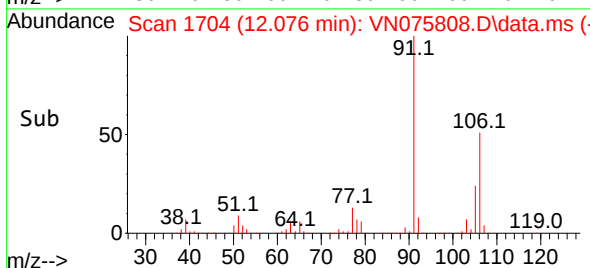
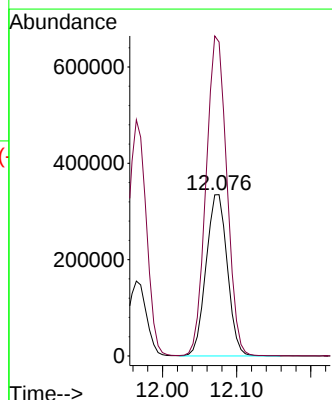
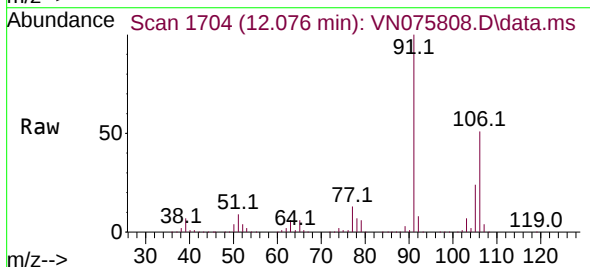
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

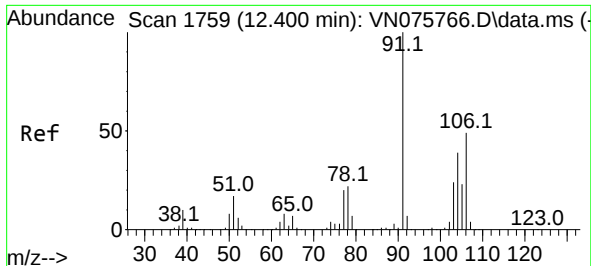
Tgt Ion: 91 Resp: 836859
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 102.206 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion:106 Resp: 666238
Ion Ratio Lower Upper
106 100
91 194.4 156.6 235.0

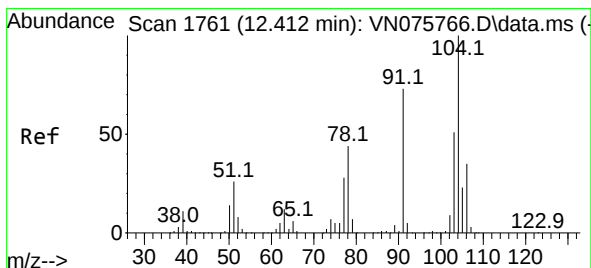
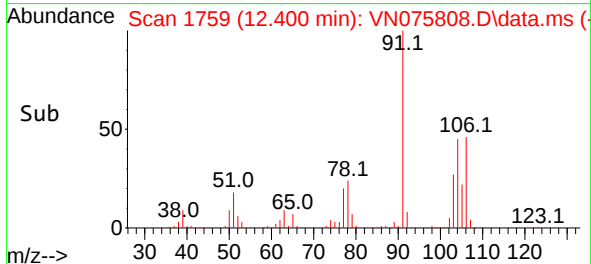
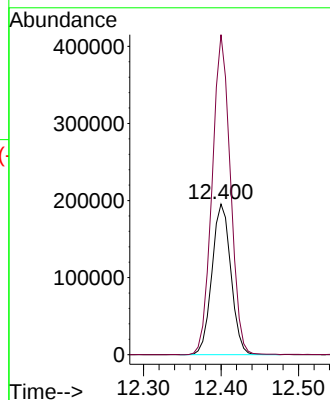
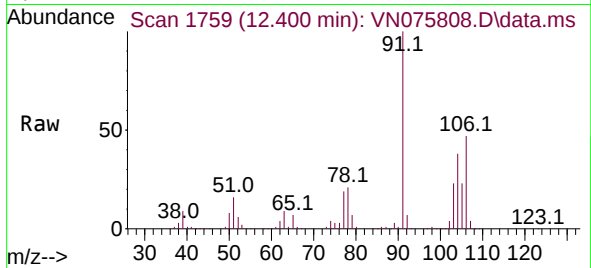




#69
o-Xylene
Concen: 51.337 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

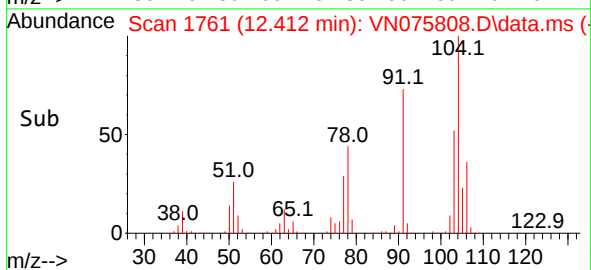
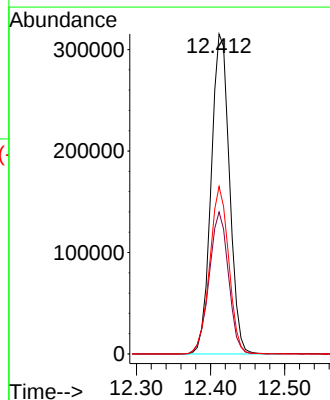
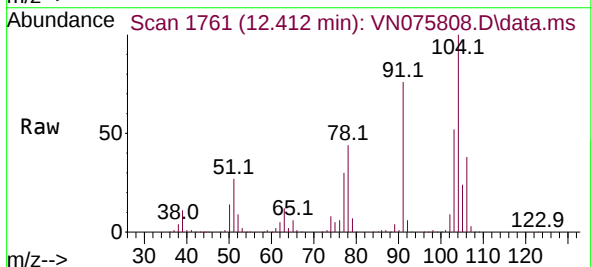
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

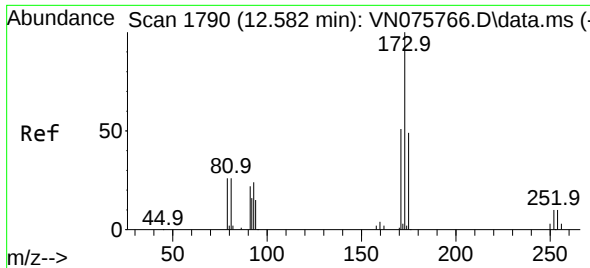
Tgt Ion:106 Resp: 331170
Ion Ratio Lower Upper
106 100
91 205.6 103.8 311.6



#70
Styrene
Concen: 52.850 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion:104 Resp: 542074
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 54.3 43.5 65.3

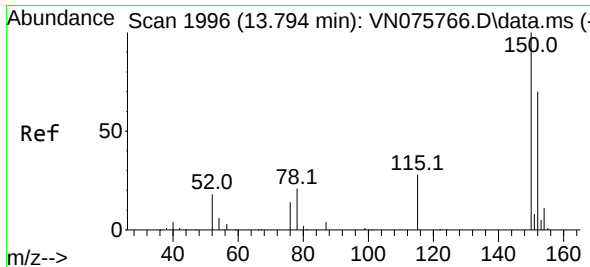
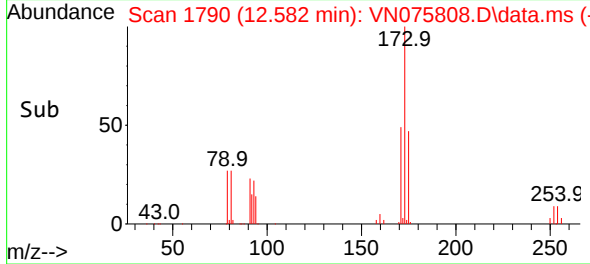
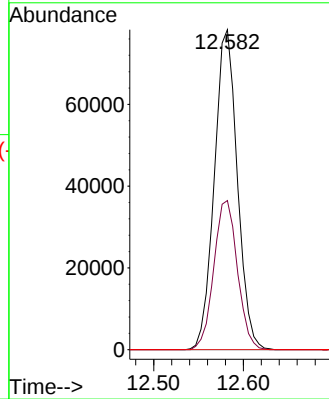
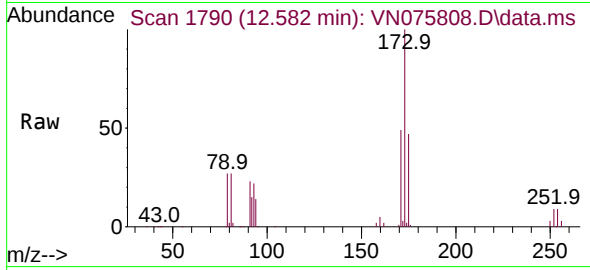




#71
Bromoform
Concen: 52.983 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

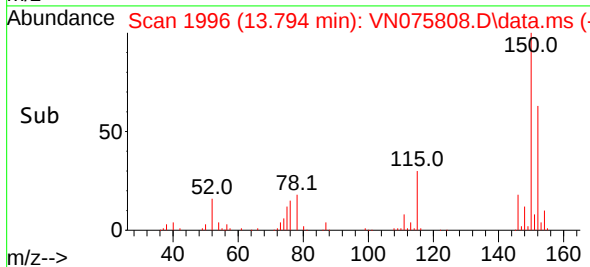
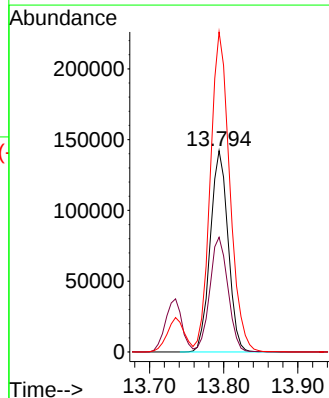
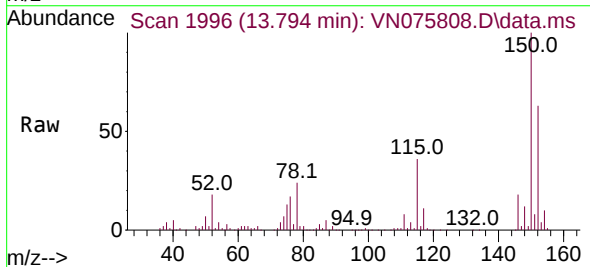
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

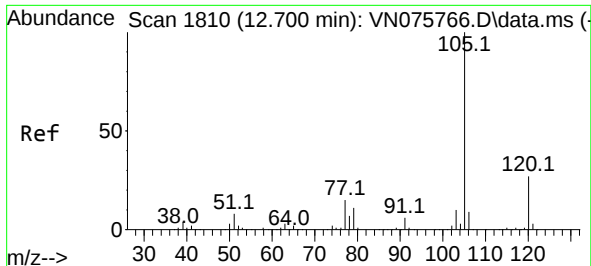
Tgt Ion:173 Resp: 139348
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion:152 Resp: 237440
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 173.6 0.0 347.0

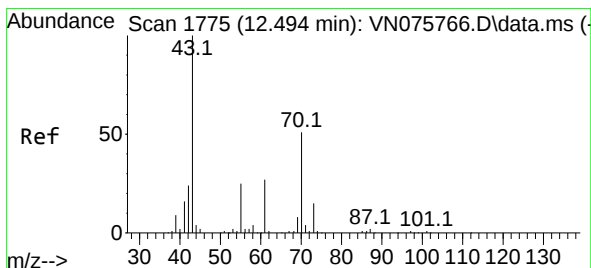
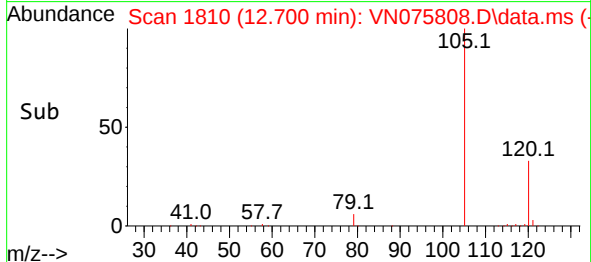
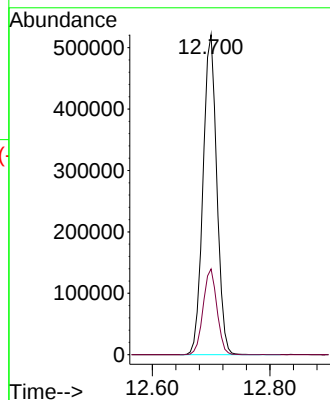
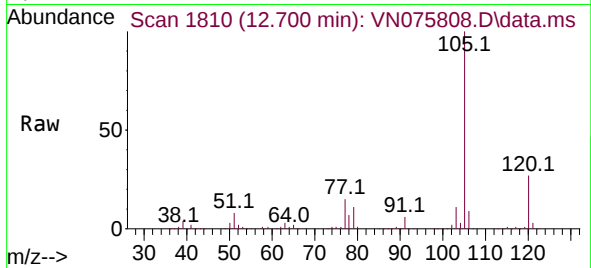




#73
Isopropylbenzene
Concen: 49.249 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

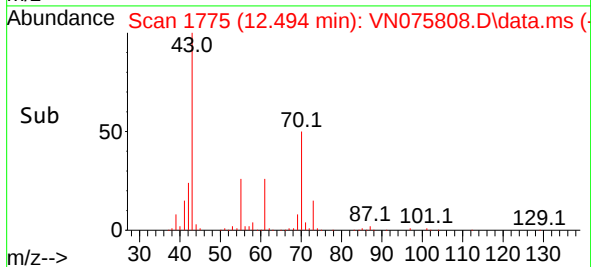
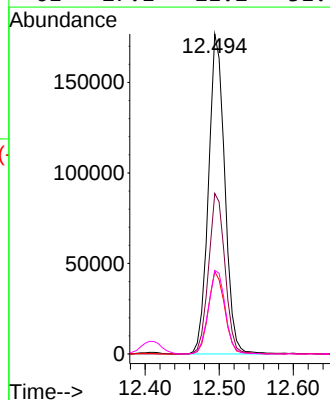
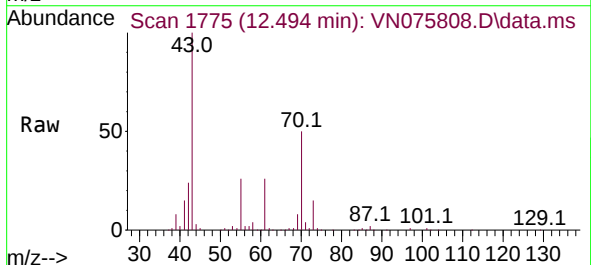
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

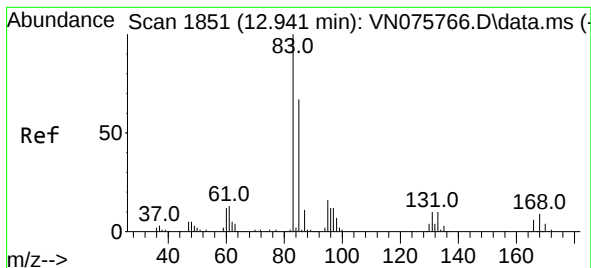
Tgt Ion:105 Resp: 845036
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 53.576 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 43 Resp: 269685
Ion Ratio Lower Upper
43 100
70 50.6 41.4 62.0
55 26.0 21.3 31.9
61 27.1 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.421 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

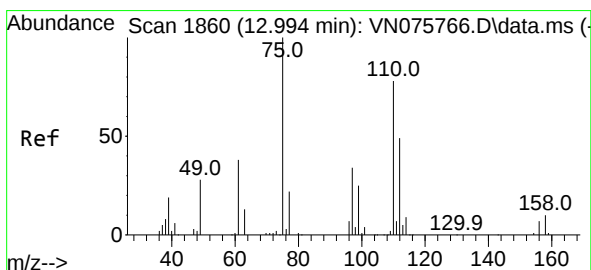
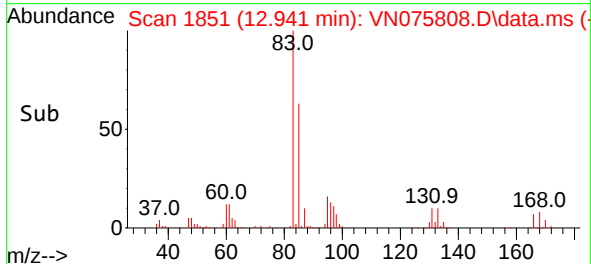
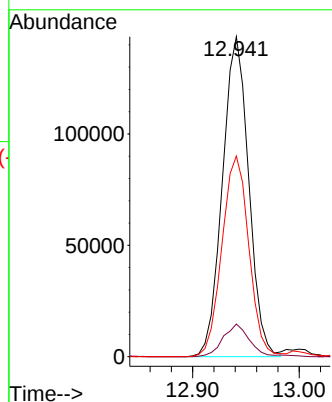
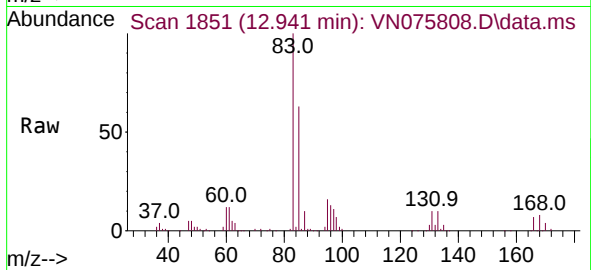
Tgt Ion: 83 Resp: 246231

Ion Ratio Lower Upper

83 100

131 10.4 5.6 16.8

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 61.077 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN075808.D

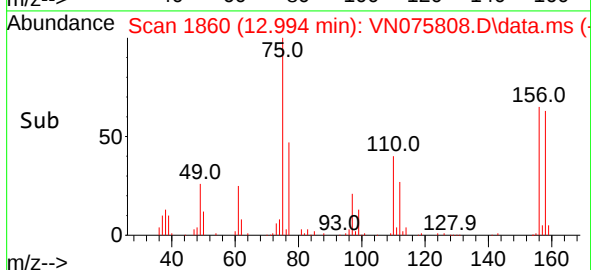
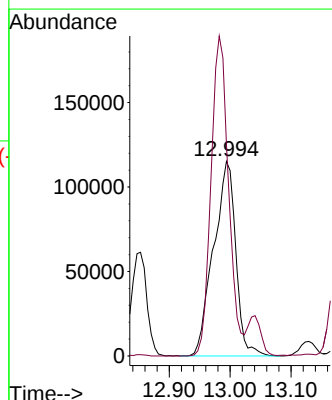
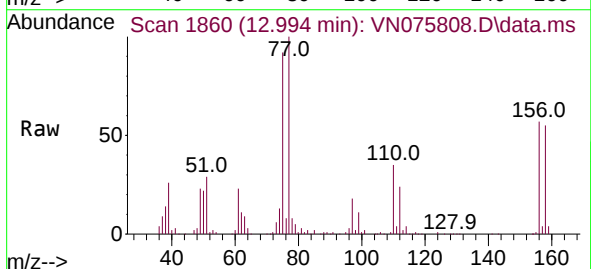
Acq: 15 Dec 2022 11:04

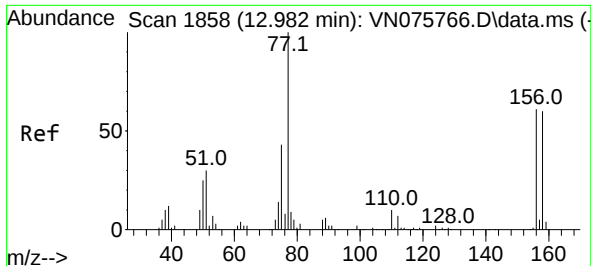
Tgt Ion: 75 Resp: 292327

Ion Ratio Lower Upper

75 100

77 130.2 82.6 247.8

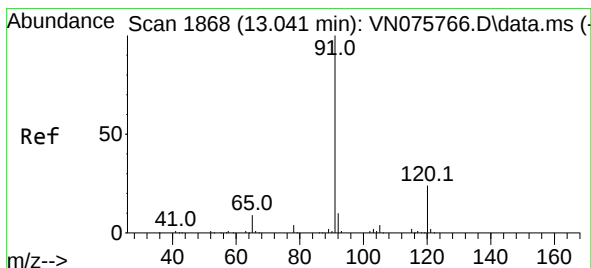
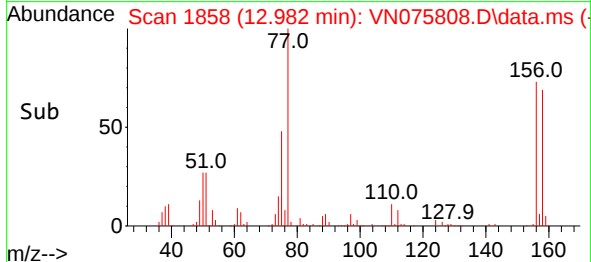
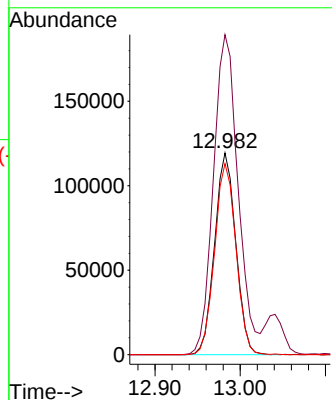
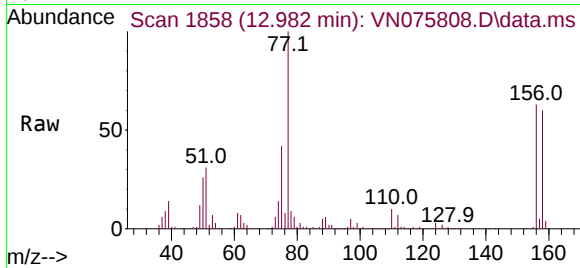




#77
Bromobenzene
Concen: 47.429 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

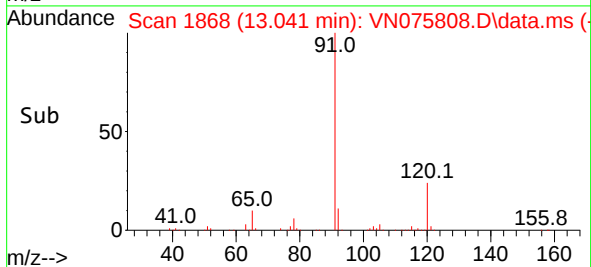
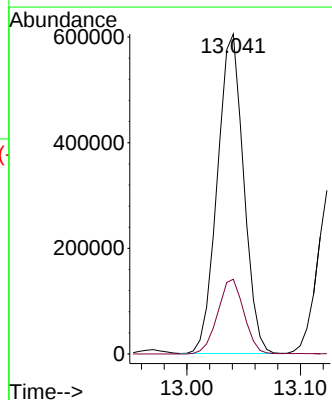
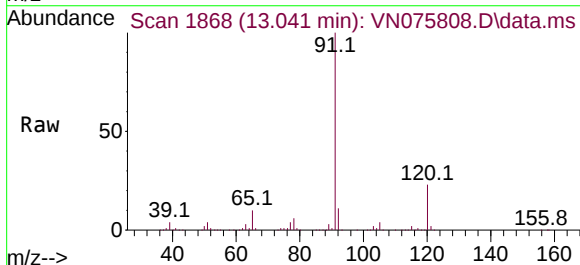
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

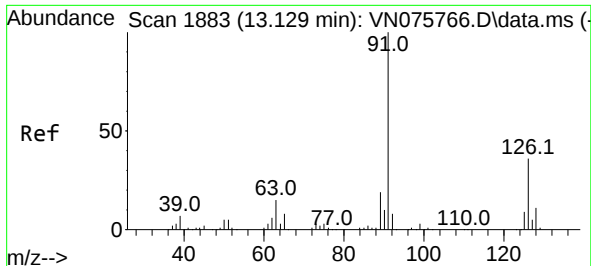
Tgt Ion:156 Resp: 205957
Ion Ratio Lower Upper
156 100
77 184.8 93.8 281.3
158 95.4 48.9 146.6



#78
n-propylbenzene
Concen: 51.455 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 91 Resp: 973781
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.1

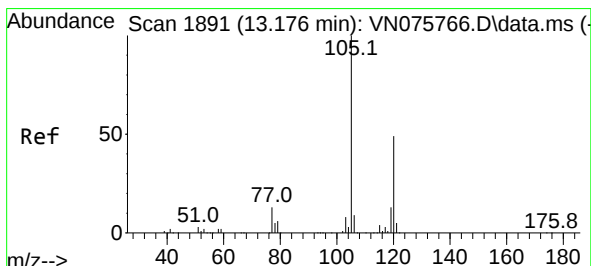
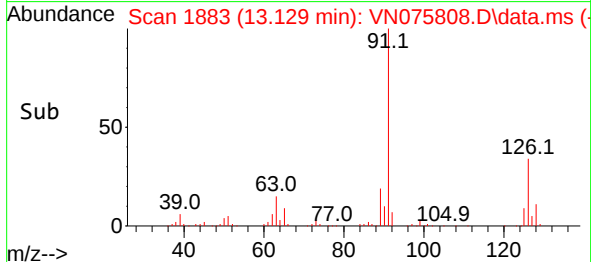
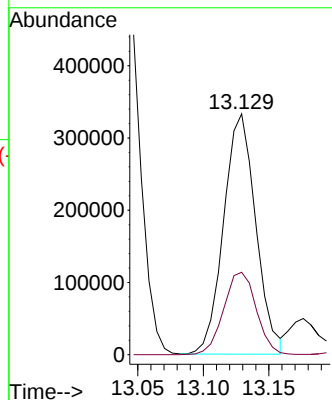
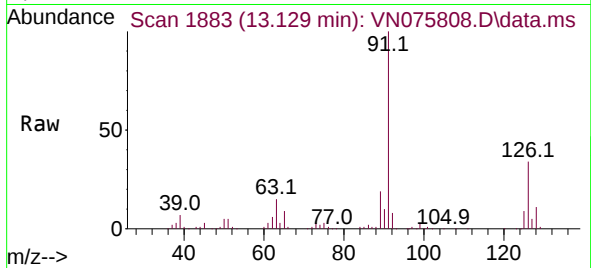




#79
2-Chlorotoluene
Concen: 48.088 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

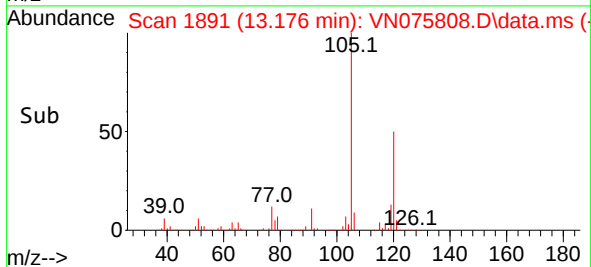
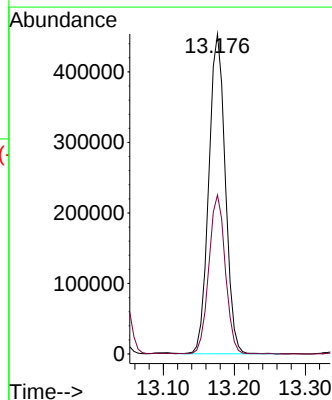
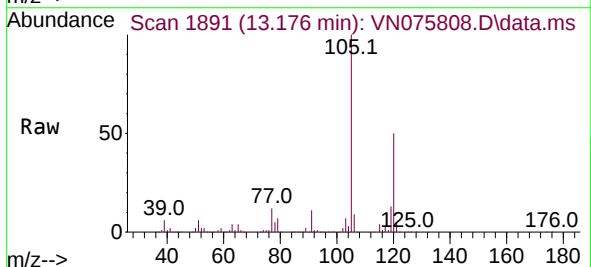
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

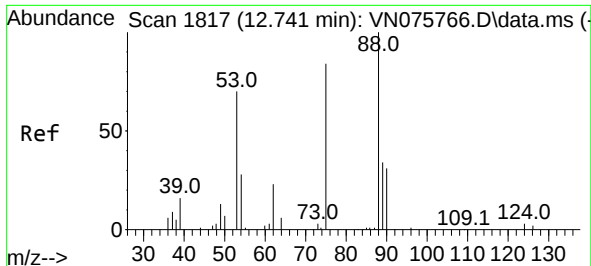
Tgt Ion: 91 Resp: 568087
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.883 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 105 Resp: 730720
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1

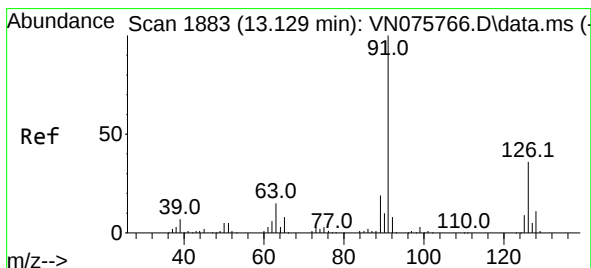
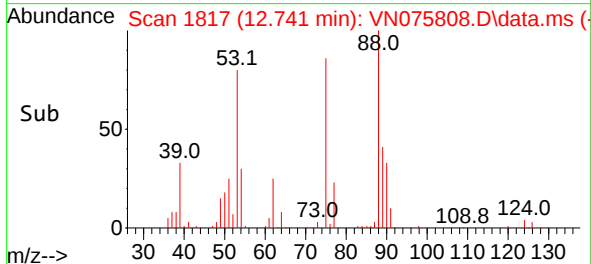
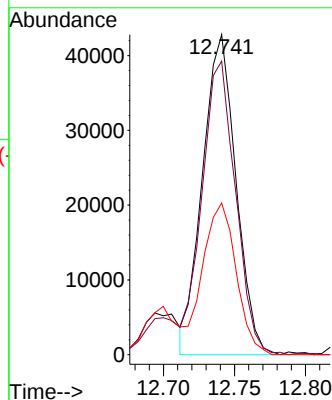
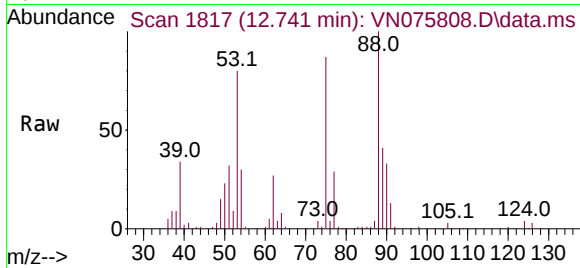




#81
trans-1,4-Dichloro-2-butene
Concen: 52.712 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

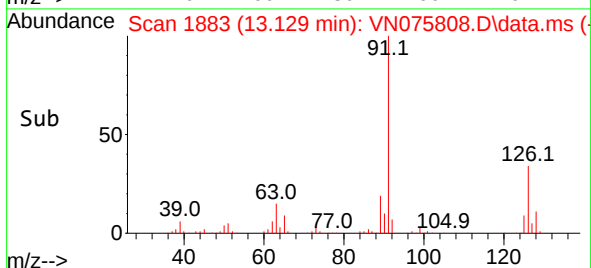
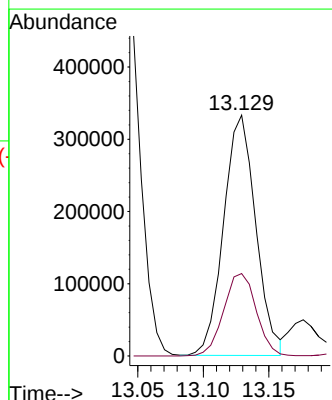
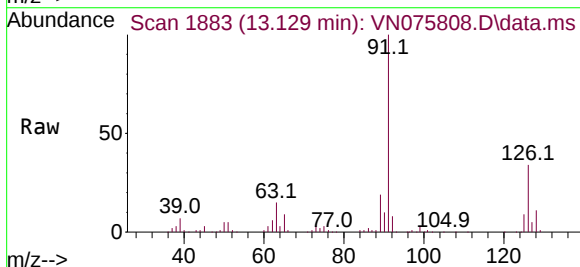
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

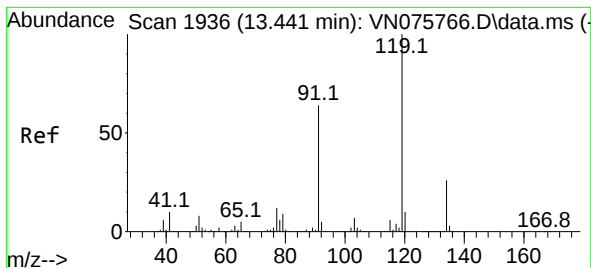
Tgt Ion: 75 Resp: 70091
Ion Ratio Lower Upper
75 100
53 92.3 73.8 110.6
89 48.1 39.5 59.3



#82
4-Chlorotoluene
Concen: 48.088 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 91 Resp: 568087
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5





#83

tert-Butylbenzene

Concen: 50.790 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

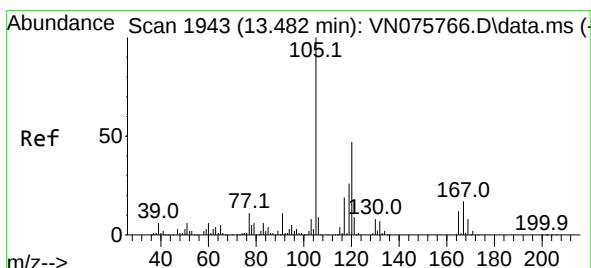
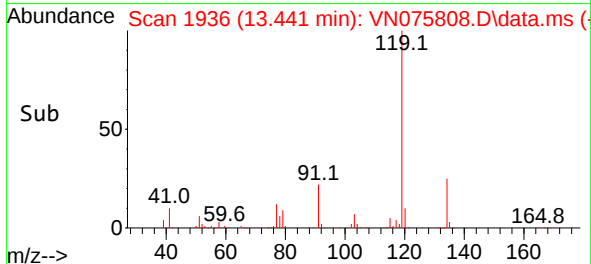
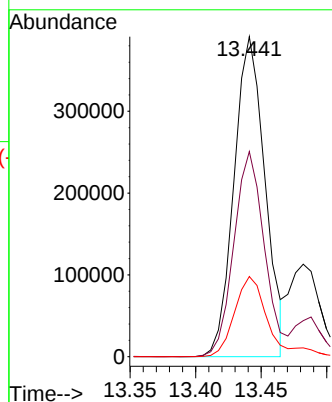
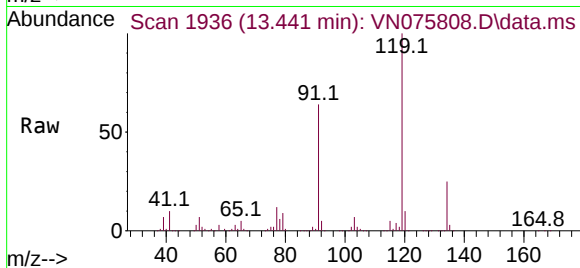
Tgt Ion:119 Resp: 643075

Ion Ratio Lower Upper

119 100

91 63.8 31.9 95.5

134 27.2 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 52.038 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN075808.D

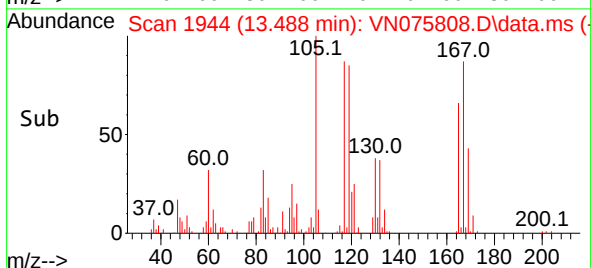
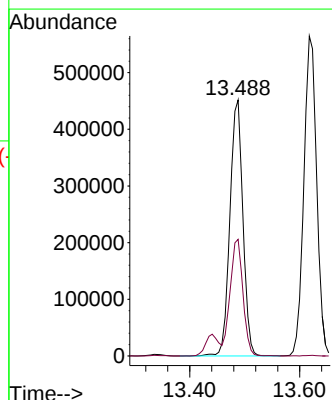
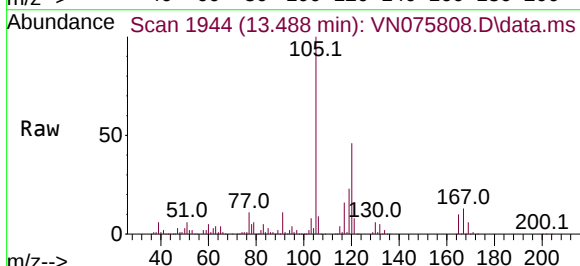
Acq: 15 Dec 2022 11:04

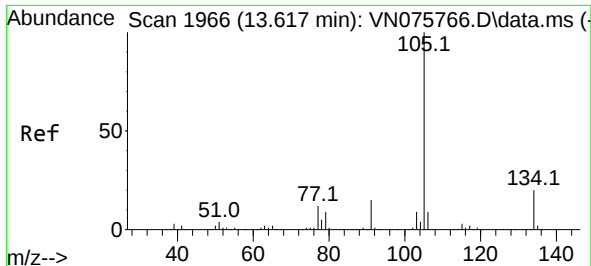
Tgt Ion:105 Resp: 741360

Ion Ratio Lower Upper

105 100

120 45.0 23.3 69.8

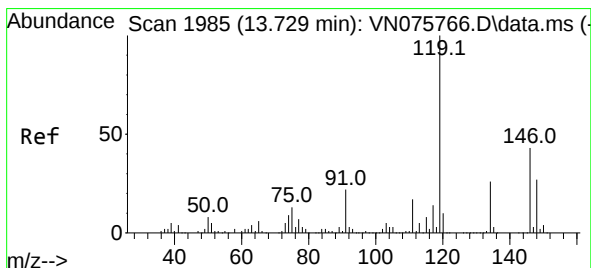
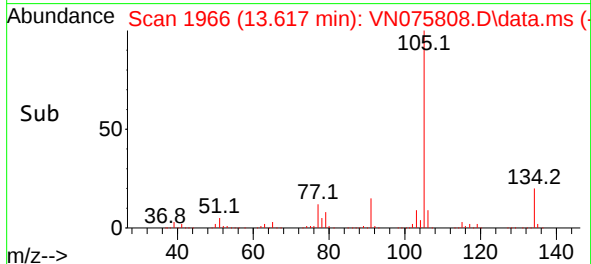
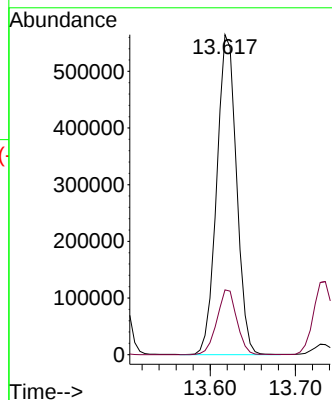
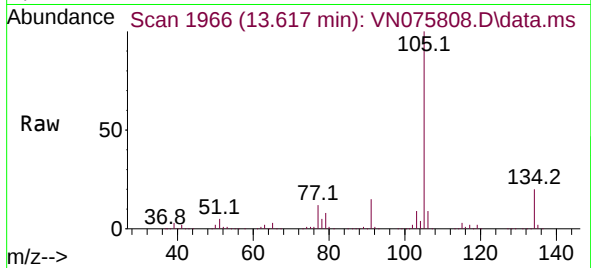




#85
 sec-Butylbenzene
 Concen: 52.078 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

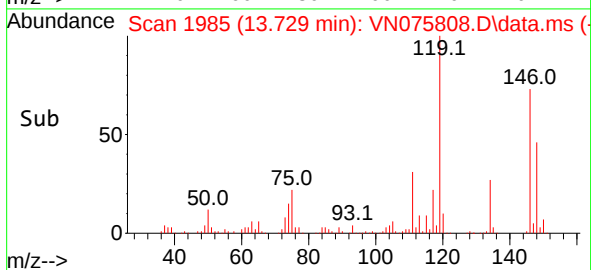
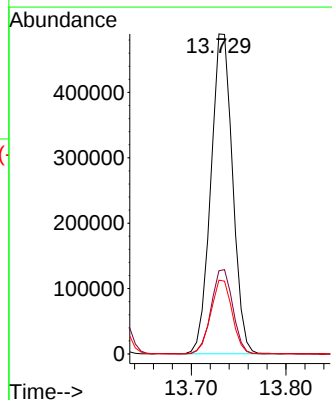
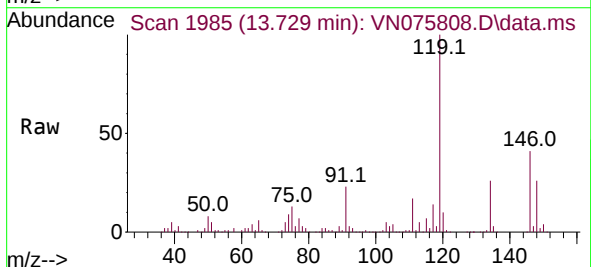
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

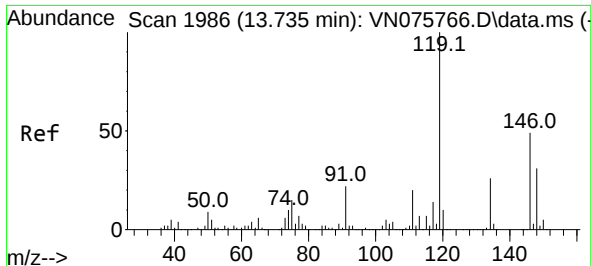
Tgt Ion:105 Resp: 910113
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.616 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075808.D
 Acq: 15 Dec 2022 11:04

Tgt Ion:119 Resp: 779655
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.7 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 48.823 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

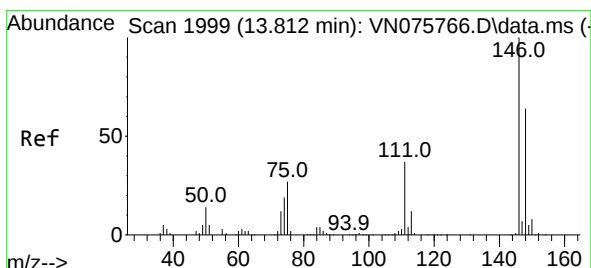
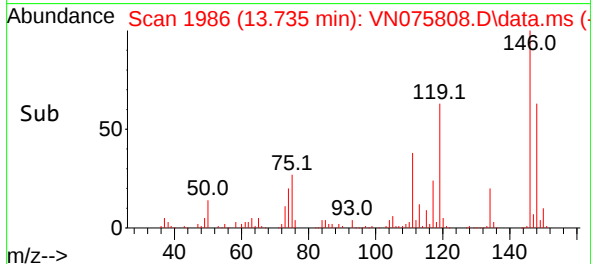
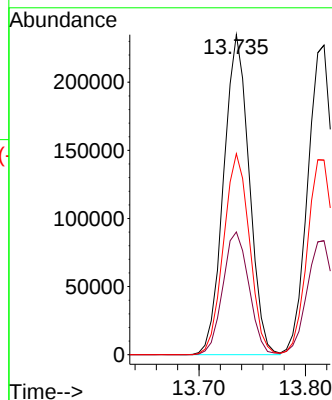
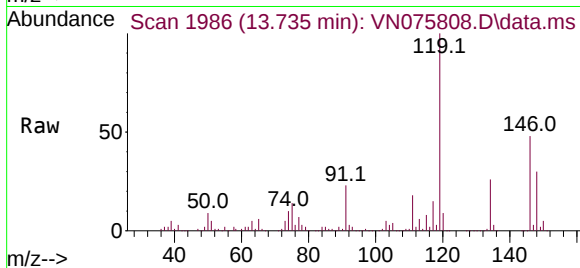
Tgt Ion:146 Resp: 391622

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

148 63.8 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 47.481 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

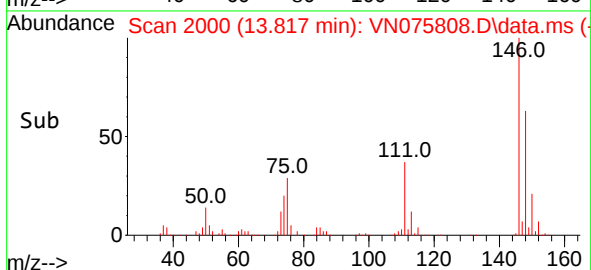
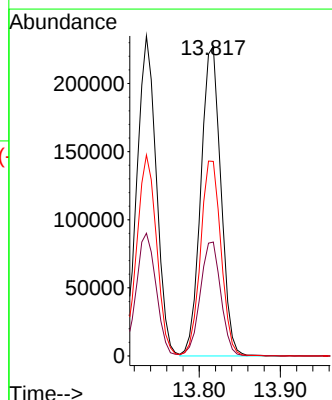
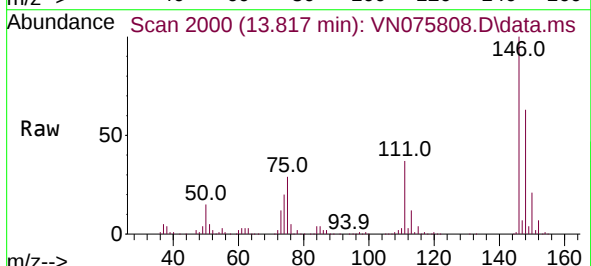
Tgt Ion:146 Resp: 389072

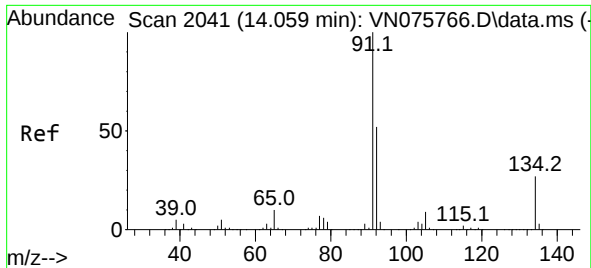
Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

148 64.4 32.0 96.2

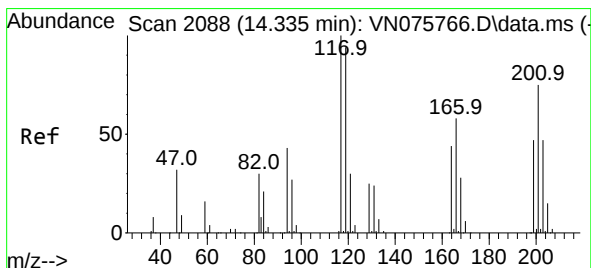
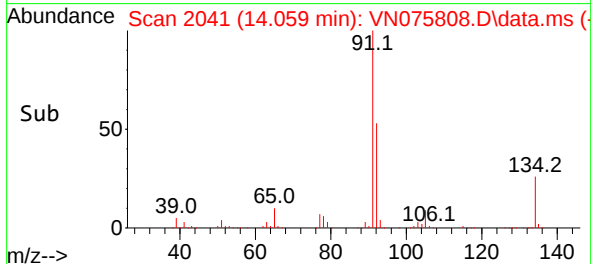
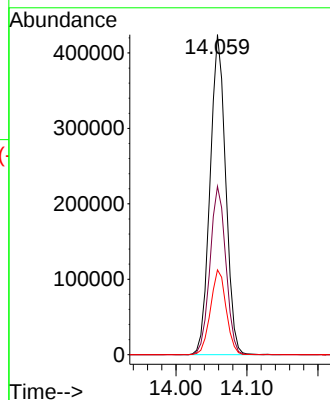
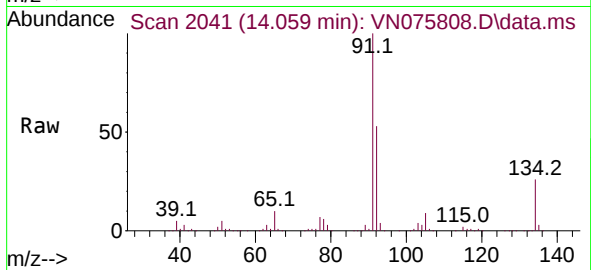




#89
n-Butylbenzene
Concen: 54.866 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

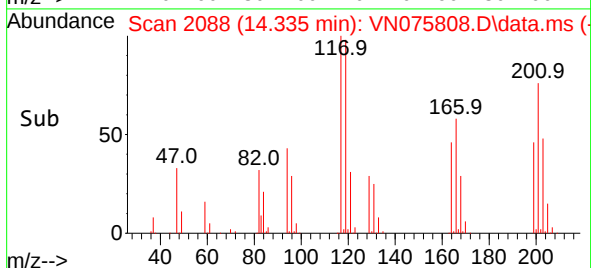
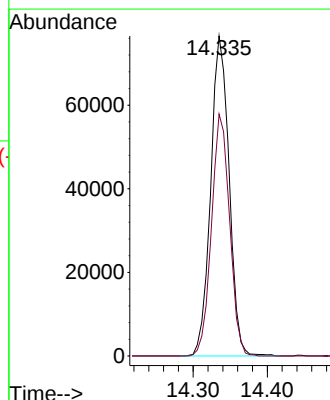
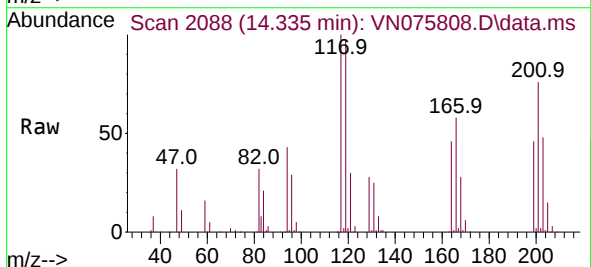
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

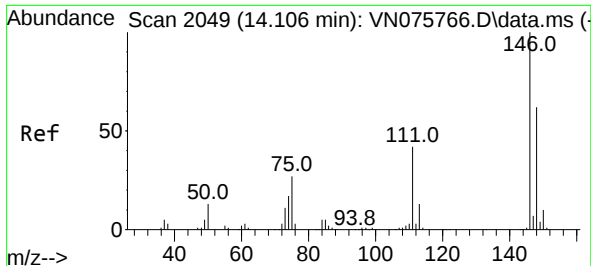
Tgt Ion: 91 Resp: 646355
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.2
134 26.6 13.4 40.2



#90
Hexachloroethane
Concen: 50.811 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 117 Resp: 132169
Ion Ratio Lower Upper
117 100
201 74.2 38.0 114.1

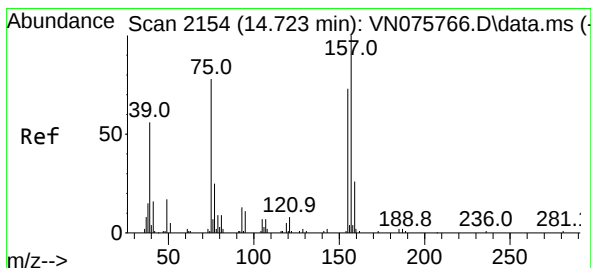
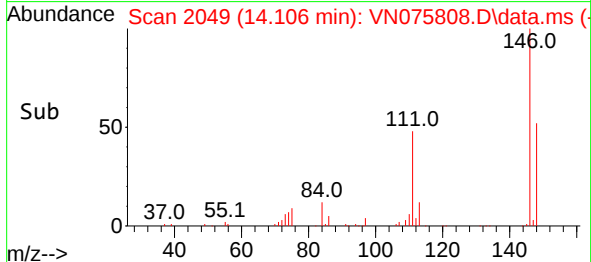
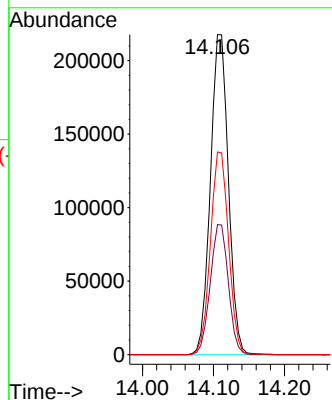
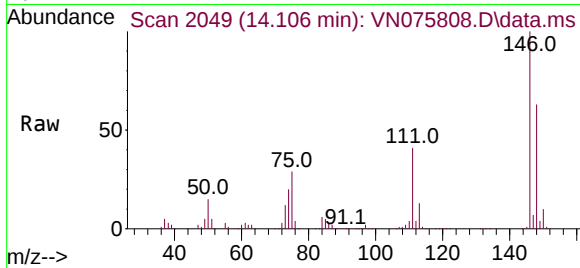




#91
1,2-Dichlorobenzene
Concen: 48.478 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

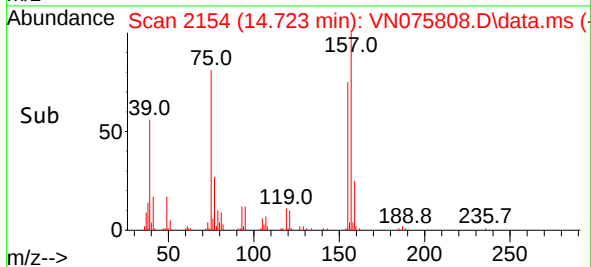
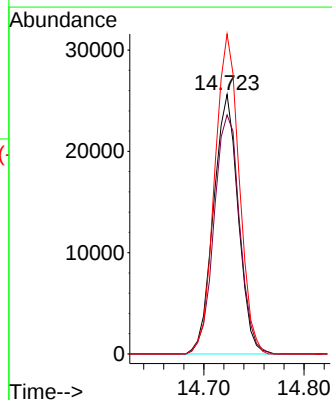
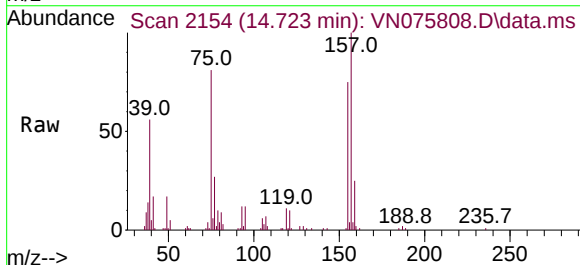
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

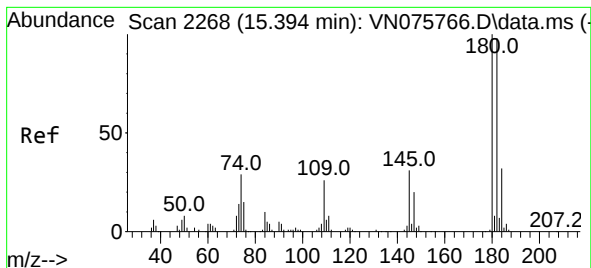
Tgt Ion:146 Resp: 383016
Ion Ratio Lower Upper
146 100
111 40.8 20.3 61.0
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.538 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075808.D
Acq: 15 Dec 2022 11:04

Tgt Ion: 75 Resp: 43802
Ion Ratio Lower Upper
75 100
155 95.6 49.3 147.8
157 121.8 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 52.618 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

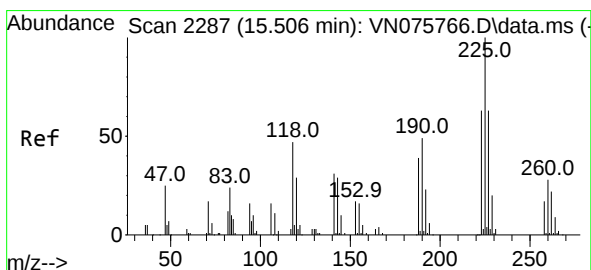
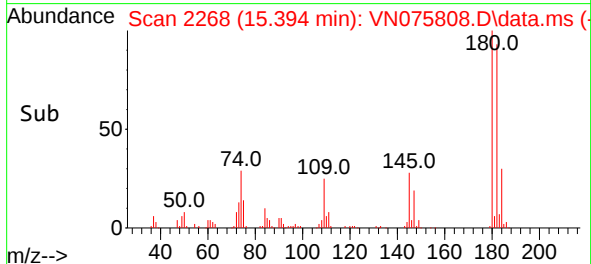
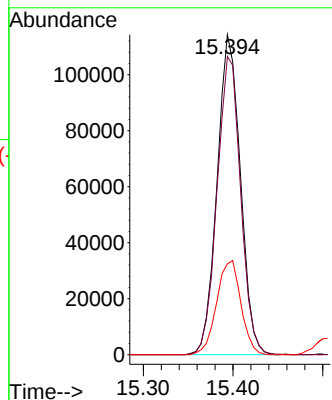
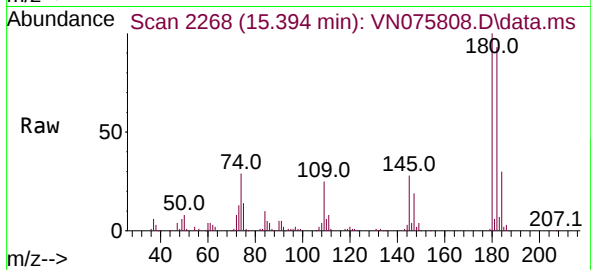
Tgt Ion:180 Resp: 205819

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 30.6 15.3 45.8



#94

Hexachlorobutadiene

Concen: 49.562 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

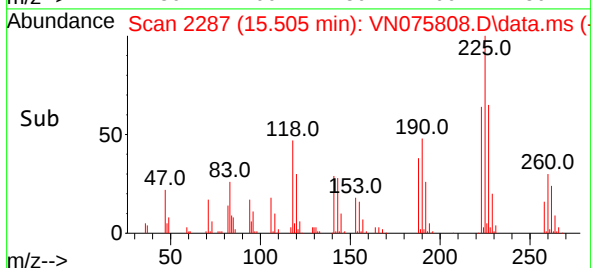
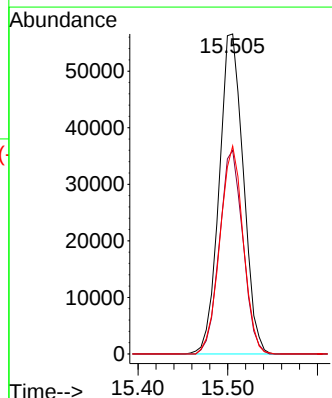
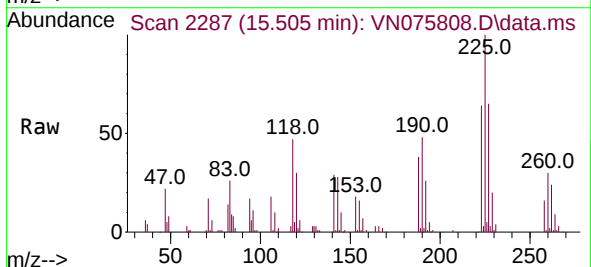
Tgt Ion:225 Resp: 105770

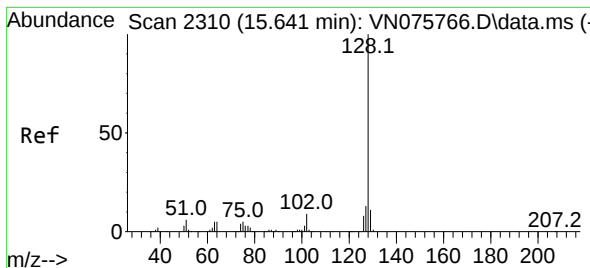
Ion Ratio Lower Upper

225 100

223 61.6 31.5 94.5

227 62.6 31.6 95.0





#95

Naphthalene

Concen: 46.844 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

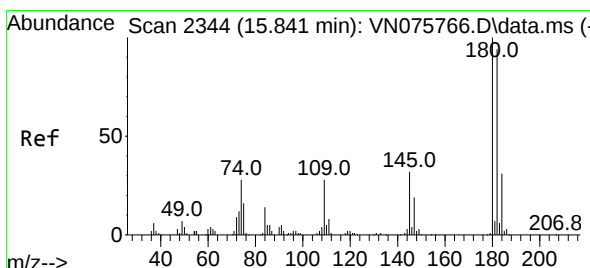
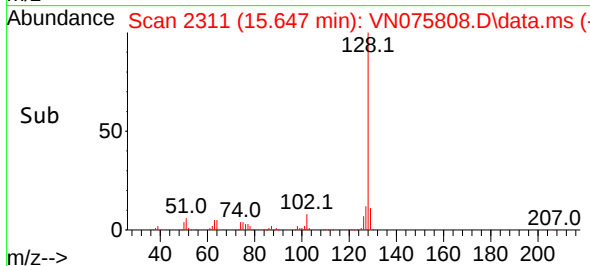
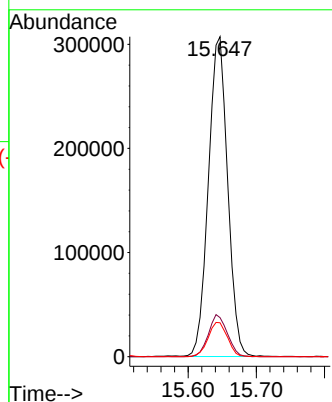
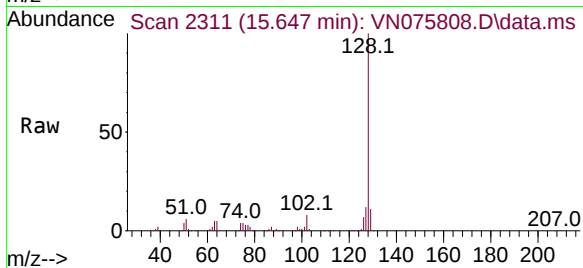
Tgt Ion:128 Resp: 603471

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.783 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075808.D

Acq: 15 Dec 2022 11:04

Tgt Ion:180 Resp: 196627

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.0

145 32.5 16.0 47.9

