

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075668.D
 Acq On : 09 Dec 2022 14:33
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Dec 12 08:19:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	221613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	356208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	326774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	183200	77.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 155.820%#	
35) Dibromofluoromethane	8.171	113	167821	77.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 154.440%#	
50) Toluene-d8	10.571	98	658974	80.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 161.480%#	
62) 4-Bromofluorobenzene	12.853	95	232686	83.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 166.760%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	119194	73.128	ug/l	98
3) Chloromethane	2.371	50	137903	71.012	ug/l	96
4) Vinyl Chloride	2.524	62	178431	74.801	ug/l	100
5) Bromomethane	2.930	94	156042	76.806	ug/l	98
6) Chloroethane	3.112	64	135131	75.924	ug/l	99
7) Trichlorofluoromethane	3.500	101	263584	76.159	ug/l	99
8) Diethyl Ether	3.971	74	98938	78.194	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	152740	75.198	ug/l	98
10) Methyl Iodide	4.595	142	257938	77.711	ug/l	99
11) Tert butyl alcohol	5.542	59	135894	390.659	ug/l	98
12) 1,1-Dichloroethene	4.347	96	148590	78.267	ug/l	97
13) Acrolein	4.189	56	155663	388.544	ug/l	99
14) Allyl chloride	5.036	41	171561	72.566	ug/l	98
15) Acrylonitrile	5.730	53	354623	394.673	ug/l	100
16) Acetone	4.436	43	282311	354.526	ug/l	99
17) Carbon Disulfide	4.718	76	384586	76.556	ug/l	99
18) Methyl Acetate	5.030	43	182411	71.288	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	514736	80.600	ug/l	99
20) Methylene Chloride	5.289	84	169006	71.194	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	164170	77.380	ug/l	96
22) Diisopropyl ether	6.677	45	436055	81.062	ug/l	98
23) Vinyl Acetate	6.612	43	1532450	373.599	ug/l	99
24) 1,1-Dichloroethane	6.577	63	280215	79.136	ug/l	99
25) 2-Butanone	7.488	43	447332	384.278	ug/l	98
26) 2,2-Dichloropropane	7.494	77	239943	79.453	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	195216	75.792	ug/l	98
28) Bromochloromethane	7.818	49	115814	81.804	ug/l	99
29) Tetrahydrofuran	7.841	42	293277	408.745	ug/l	99
30) Chloroform	7.971	83	311081	79.316	ug/l	99
31) Cyclohexane	8.265	56	247026	70.956	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	293056	80.990	ug/l	97
36) 1,1-Dichloropropene	8.377	75	231126	80.091	ug/l	99
37) Ethyl Acetate	7.571	43	178505	77.043	ug/l	96
38) Carbon Tetrachloride	8.365	117	262813	78.922	ug/l	99
39) Methylcyclohexane	9.606	83	302648	82.707	ug/l	97
40) Benzene	8.612	78	689495	77.854	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	100495	84.589	ug/l	97
42) 1,2-Dichloroethane	8.677	62	226265	76.374	ug/l	100
43) Isopropyl Acetate	8.694	43	315180	81.483	ug/l	99
44) Trichloroethene	9.353	130	193687	77.523	ug/l	97
45) 1,2-Dichloropropane	9.624	63	165207	78.433	ug/l	97
46) Dibromomethane	9.712	93	127215	80.445	ug/l	98
47) Bromodichloromethane	9.888	83	250804	80.889	ug/l	96
48) Methyl methacrylate	9.682	41	147996	83.074	ug/l	99
49) 1,4-Dioxane	9.700	88	72859	1682.456	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	967106	405.477	ug/l	99
52) Toluene	10.635	92	474106	80.992	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	270593	88.364	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	286809	84.183	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	182105	79.122	ug/l	97
56) Ethyl methacrylate	10.876	69	269621	86.454	ug/l	99
57) 1,3-Dichloropropane	11.165	76	298434	80.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	410755	446.082	ug/l	100
59) 2-Hexanone	11.200	43	723582	417.573	ug/l	99
60) Dibromochloromethane	11.359	129	214222	84.584	ug/l	100
61) 1,2-Dibromoethane	11.471	107	191610	79.461	ug/l	99
64) Tetrachloroethene	11.106	164	173244	72.785	ug/l	98
65) Chlorobenzene	11.894	112	521920	77.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	197668	80.807	ug/l	99
67) Ethyl Benzene	11.965	91	934765	82.184	ug/l	98
68) m/p-Xylenes	12.076	106	743332	161.741	ug/l	99
69) o-Xylene	12.400	106	366310	82.137	ug/l	98
70) Styrene	12.412	104	609939	85.273	ug/l	100
71) Bromoform	12.582	173	161069	86.868	ug/l #	97
73) Isopropylbenzene	12.700	105	963001	77.350	ug/l	100
74) N-amyl acetate	12.494	43	306679	84.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	268451	71.781	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	331211	95.117	ug/l	74
77) Bromobenzene	12.982	156	234942	75.040	ug/l	99
78) n-propylbenzene	13.041	91	1110107	80.355	ug/l	100
79) 2-Chlorotoluene	13.129	91	647507	75.918	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	838214	80.530	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	82686	75.896	ug/l	92
82) 4-Chlorotoluene	13.129	91	647507	75.918	ug/l	100
83) tert-Butylbenzene	13.441	119	735758	77.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	839219	80.220	ug/l	100
85) sec-Butylbenzene	13.617	105	1062646	81.890	ug/l	100
86) p-Isopropyltoluene	13.735	119	910022	83.814	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	451362	77.087	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	449431	75.461	ug/l	99
89) n-Butylbenzene	14.059	91	759062	87.224	ug/l	99
90) Hexachloroethane	14.335	117	157061	84.451	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	441667	75.805	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50870	82.777	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	239908	85.765	ug/l	100
94) Hexachlorobutadiene	15.506	225	123803	78.006	ug/l	98
95) Naphthalene	15.641	128	710133	85.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	229279	83.416	ug/l	98

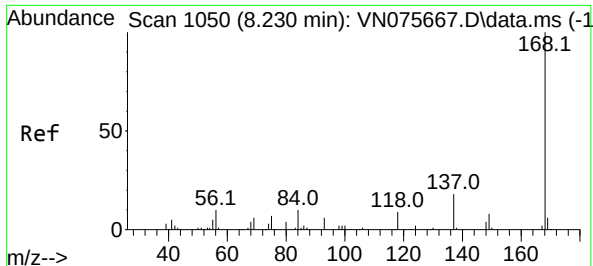
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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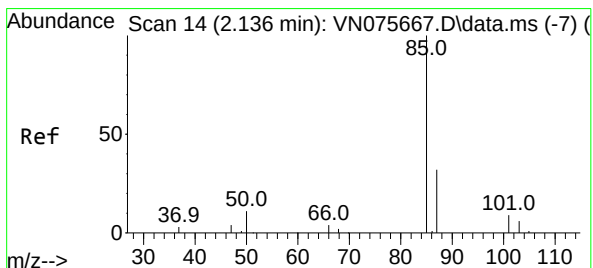
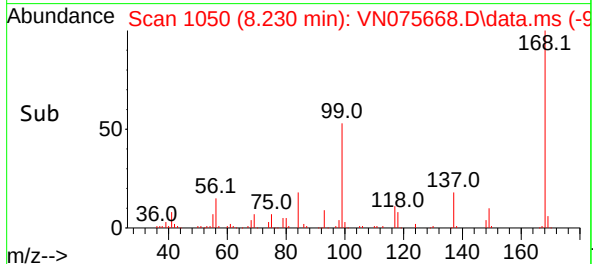
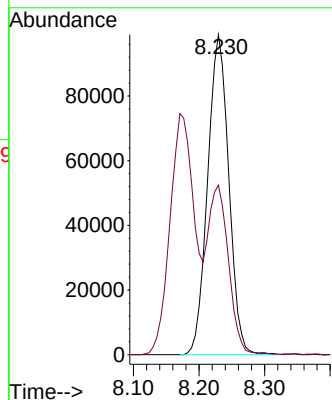
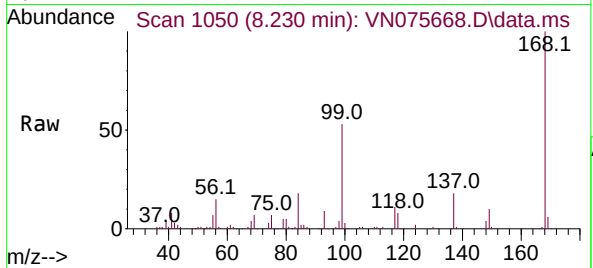
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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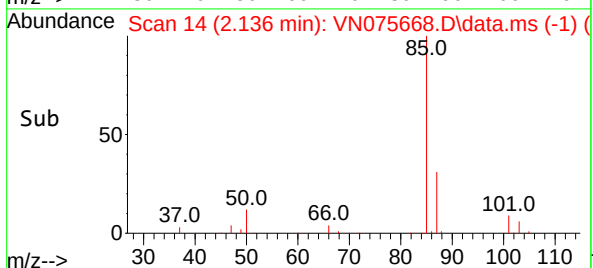
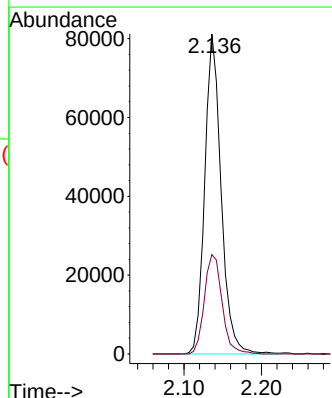
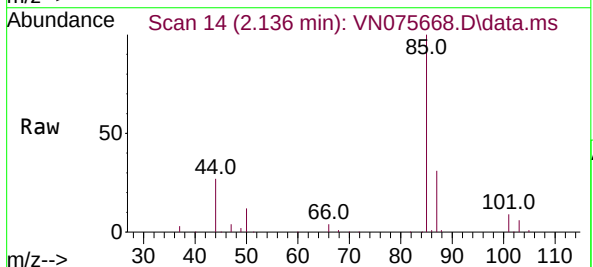
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VSTDIC075

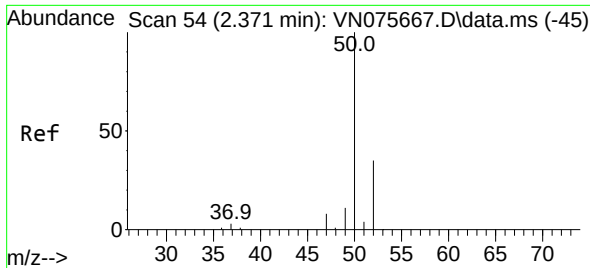
Tgt Ion:168 Resp: 221613
Ion Ratio Lower Upper
168 100
99 52.8 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 73.128 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 85 Resp: 119194
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2

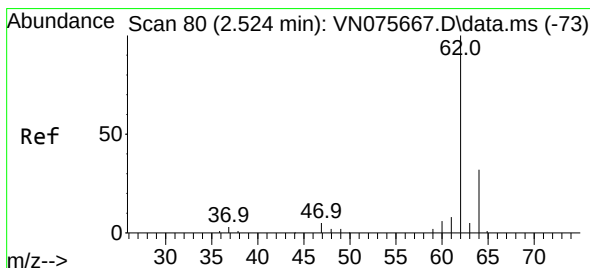
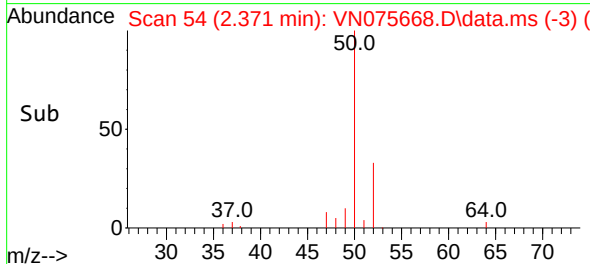
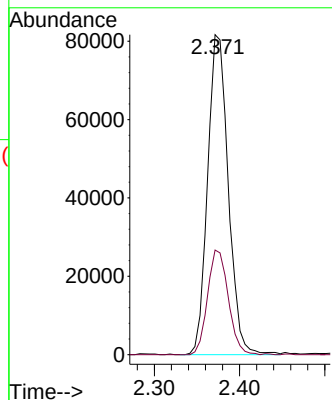
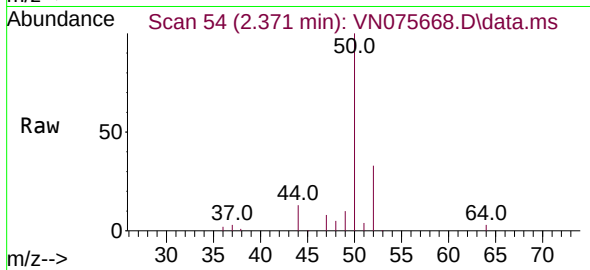




#3
Chloromethane
Concen: 71.012 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

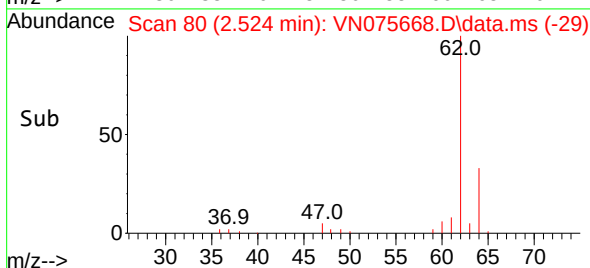
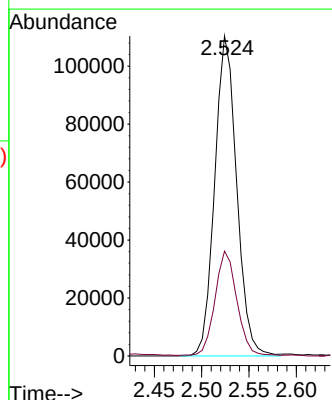
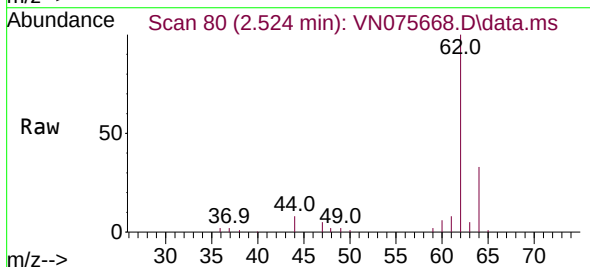
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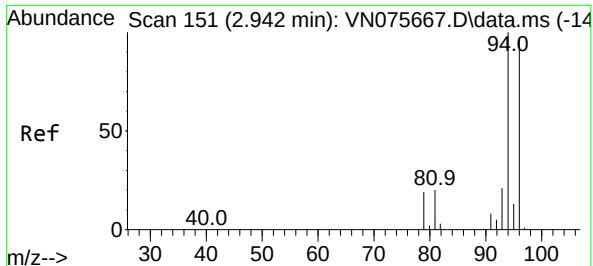
Tgt Ion: 50 Resp: 137903
Ion Ratio Lower Upper
50 100
52 32.7 27.9 41.9



#4
Vinyl Chloride
Concen: 74.801 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 62 Resp: 178431
Ion Ratio Lower Upper
62 100
64 32.6 25.9 38.9

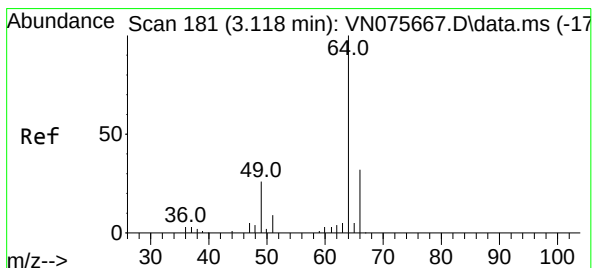
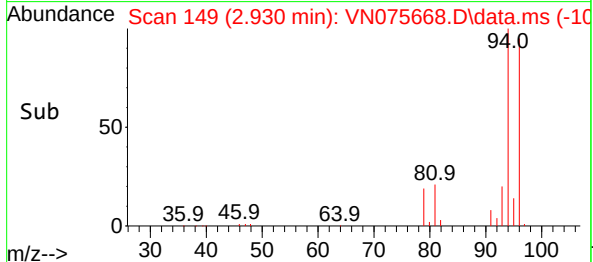
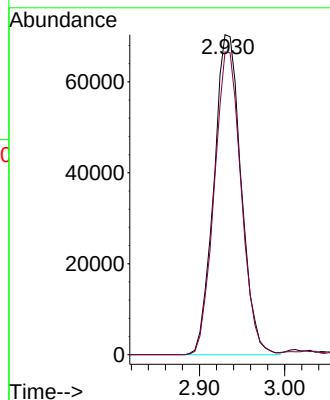
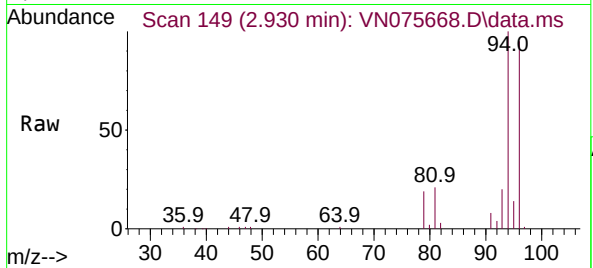




#5
Bromomethane
Concen: 76.806 ug/l
RT: 2.930 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

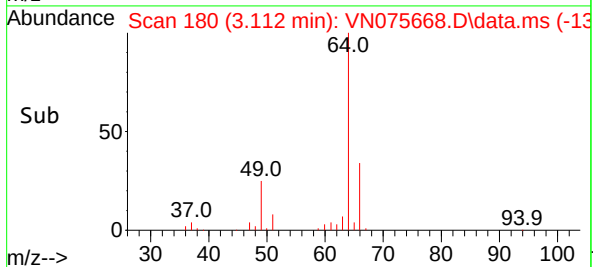
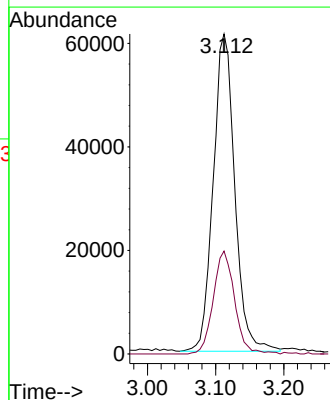
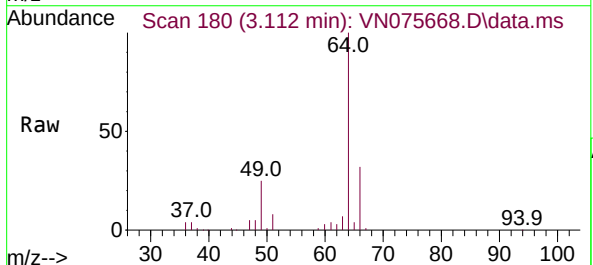
Instrument :
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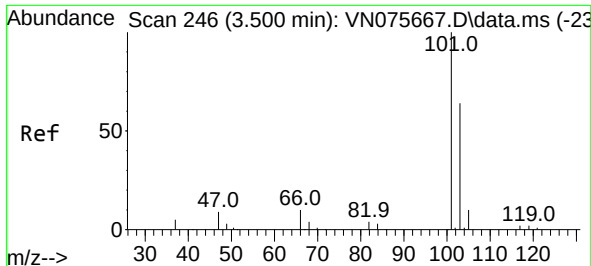
Tgt Ion: 94 Resp: 156042
Ion Ratio Lower Upper
94 100
96 94.6 77.6 116.4



#6
Chloroethane
Concen: 75.924 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 64 Resp: 135131
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

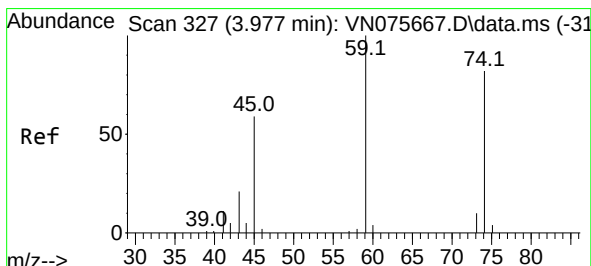
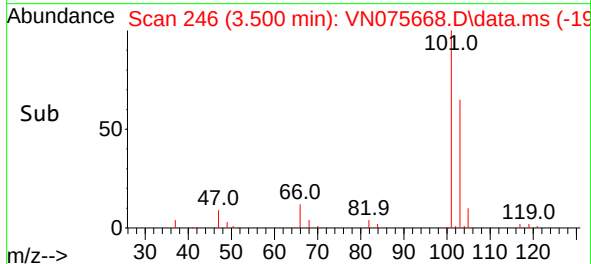
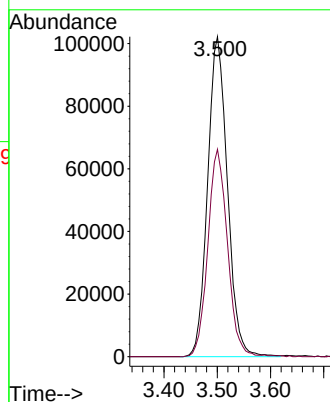
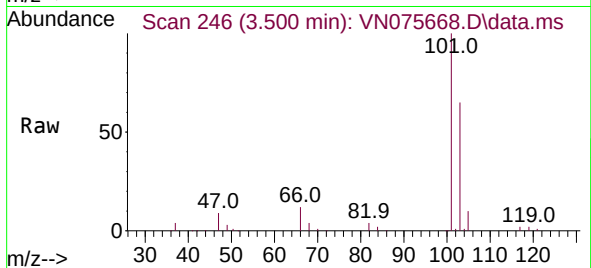




#7
 Trichlorofluoromethane
 Concen: 76.159 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

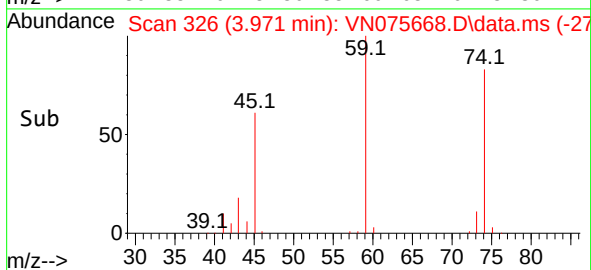
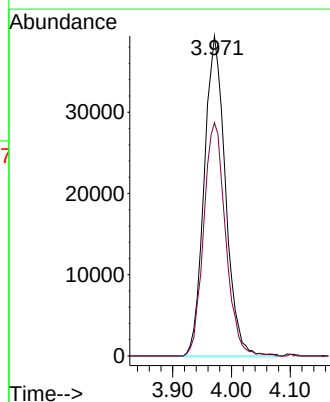
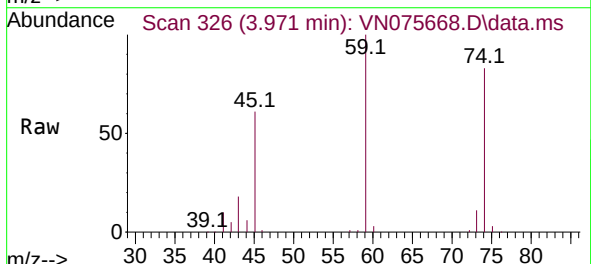
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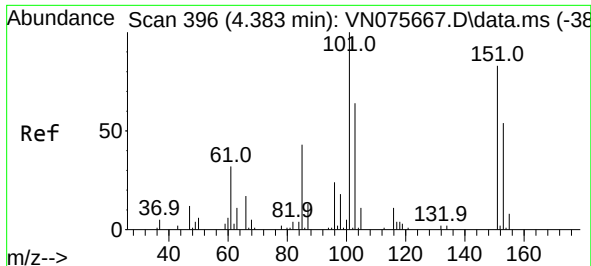
Tgt Ion:101 Resp: 263584
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 78.194 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

Tgt Ion: 74 Resp: 98938
 Ion Ratio Lower Upper
 74 100
 45 75.2 36.8 110.4

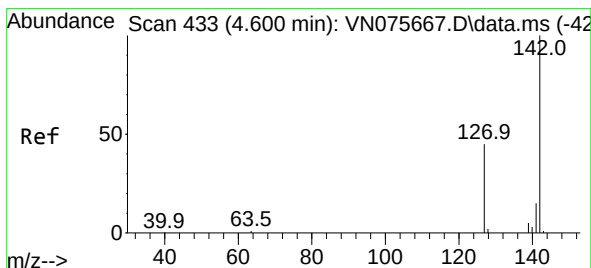
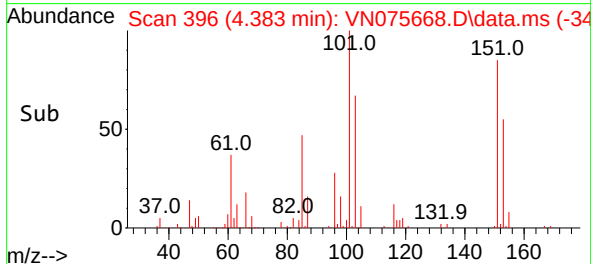
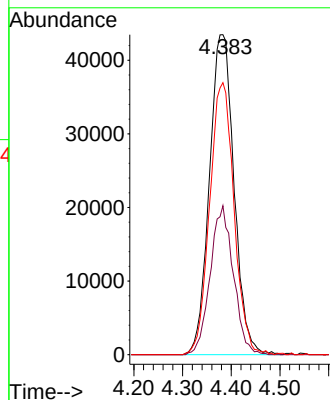
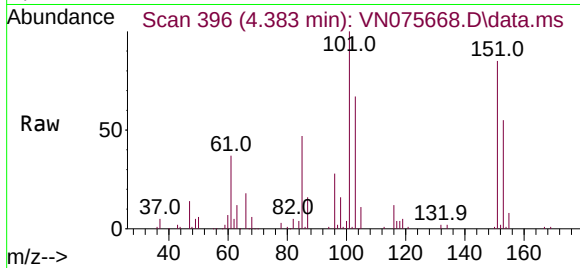




#9
1,1,2-Trichlorotrifluoroethane
Concen: 75.198 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075668.D
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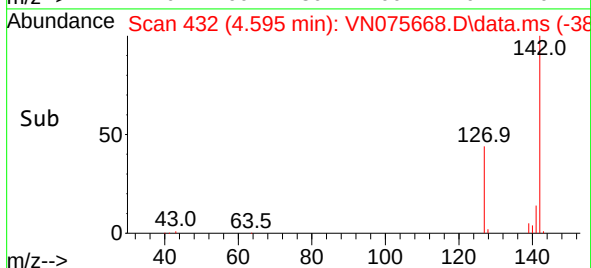
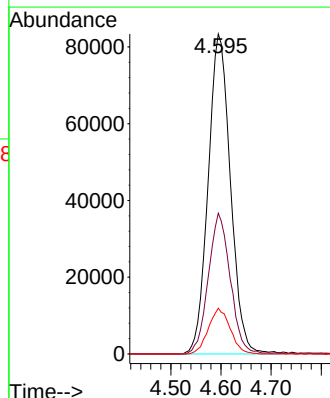
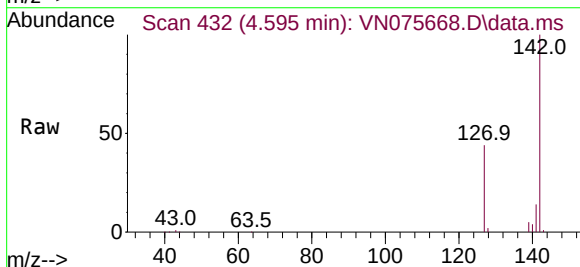
Instrument :
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ClientSampleId :
VSTDIC075

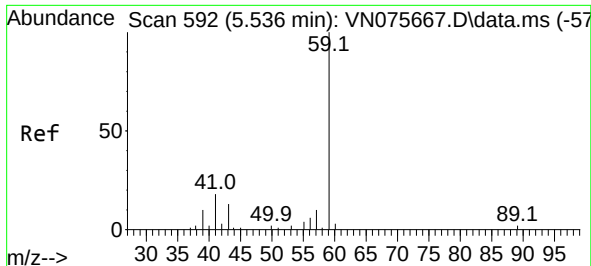
Tgt Ion:101 Resp: 152740
Ion Ratio Lower Upper
101 100
85 43.7 35.3 52.9
151 84.1 65.6 98.4



#10
Methyl Iodide
Concen: 77.711 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:142 Resp: 257938
Ion Ratio Lower Upper
142 100
127 43.2 35.0 52.4
141 14.0 11.4 17.2

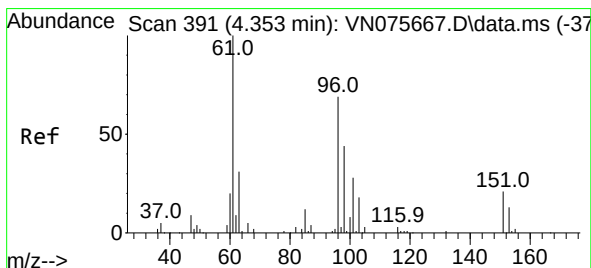
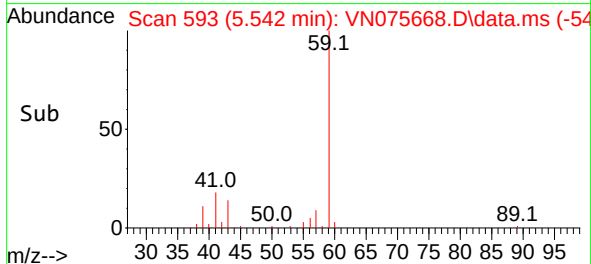
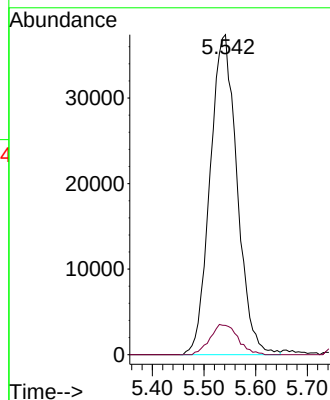
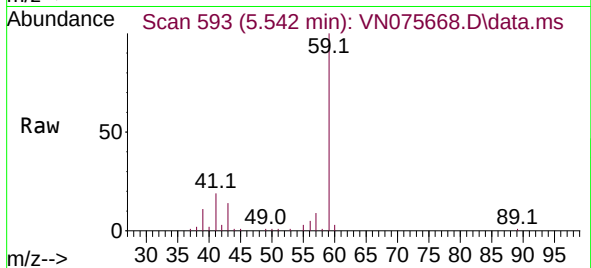




#11
Tert butyl alcohol
Concen: 390.659 ug/l
RT: 5.542 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

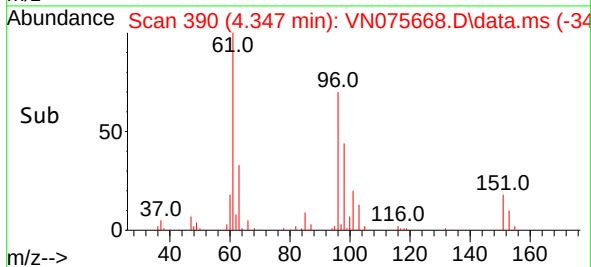
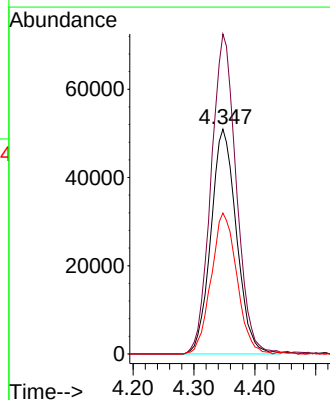
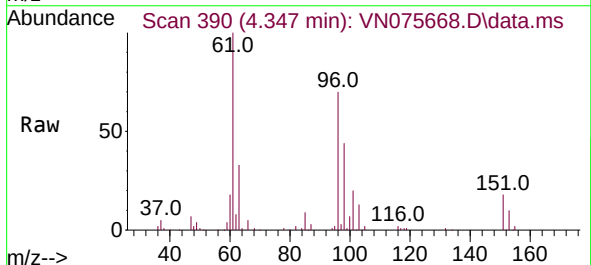
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

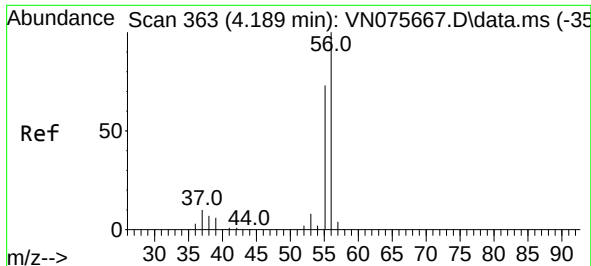
Tgt Ion: 59 Resp: 135894
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 78.267 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 96 Resp: 148590
Ion Ratio Lower Upper
96 100
61 142.3 116.8 175.2
98 62.7 51.6 77.4





#13

Acrolein

Concen: 388.544 ug/l

RT: 4.189 min Scan# 363

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

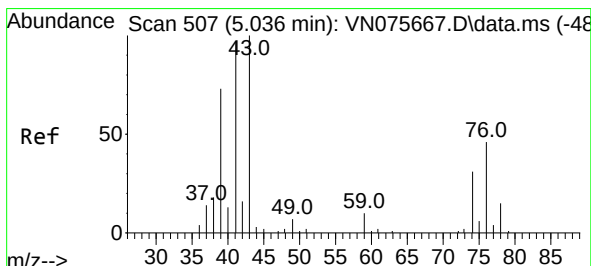
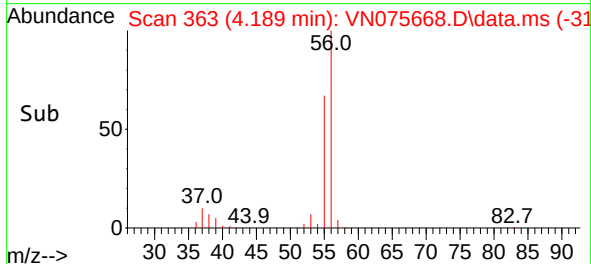
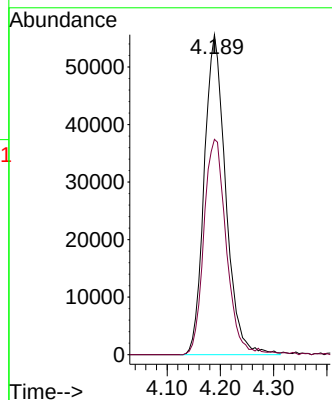
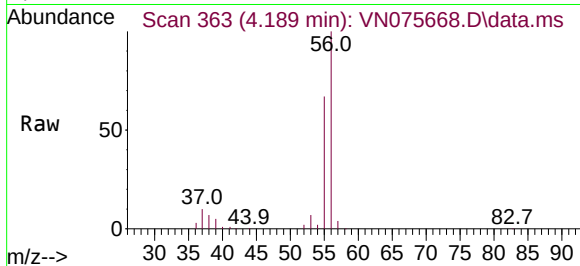
VSTDIC075

Tgt Ion: 56 Resp: 155663

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5



#14

Allyl chloride

Concen: 72.566 ug/l

RT: 5.036 min Scan# 507

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

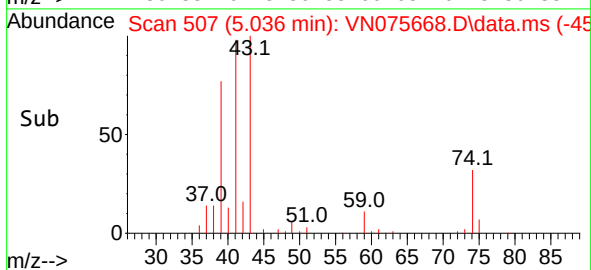
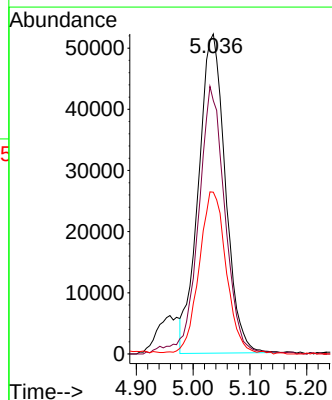
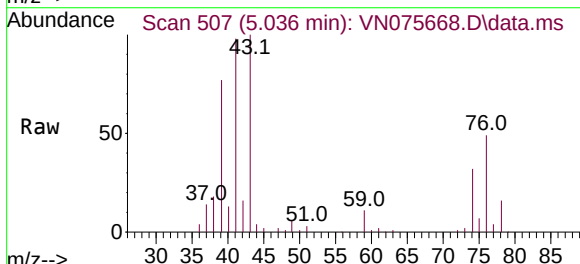
Tgt Ion: 41 Resp: 171561

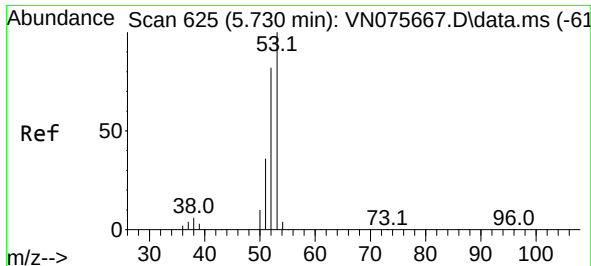
Ion Ratio Lower Upper

41 100

39 83.2 64.6 96.8

76 51.5 40.9 61.3

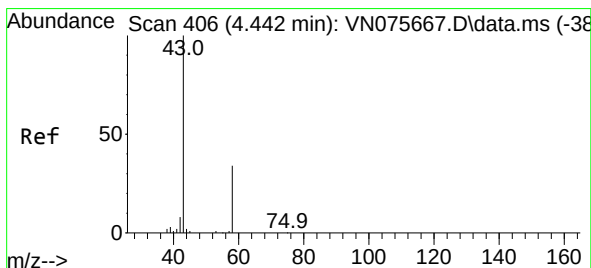
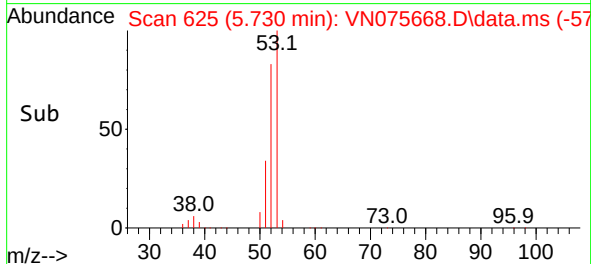
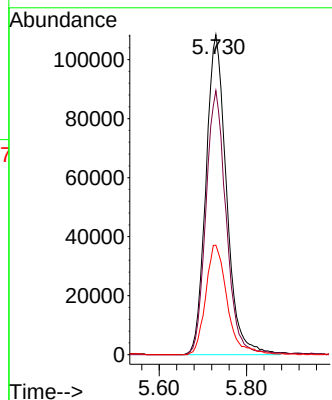
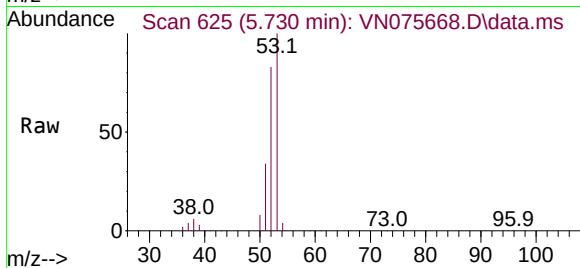




#15
Acrylonitrile
Concen: 394.673 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

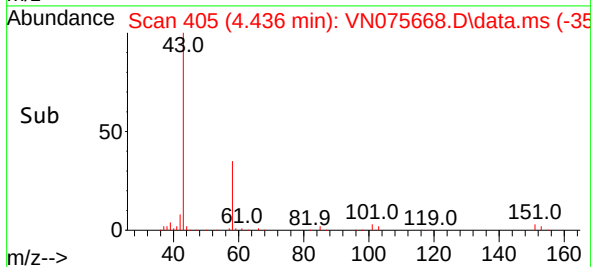
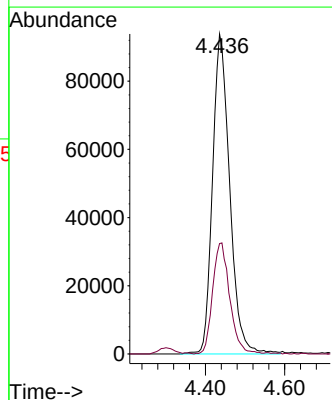
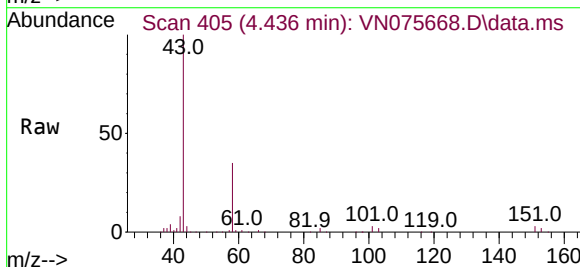
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

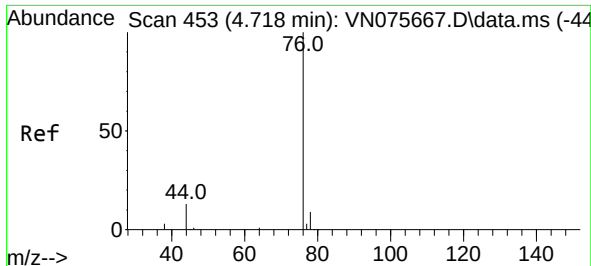
Tgt Ion: 53 Resp: 354623
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 35.9 28.9 43.3



#16
Acetone
Concen: 354.526 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 43 Resp: 282311
Ion Ratio Lower Upper
43 100
58 34.2 27.0 40.4

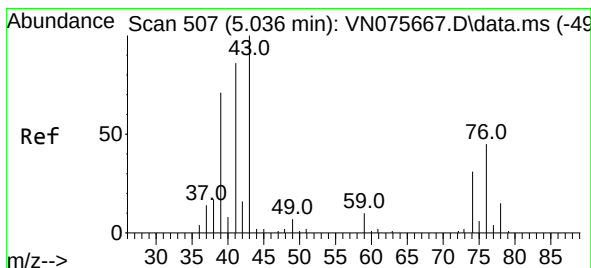
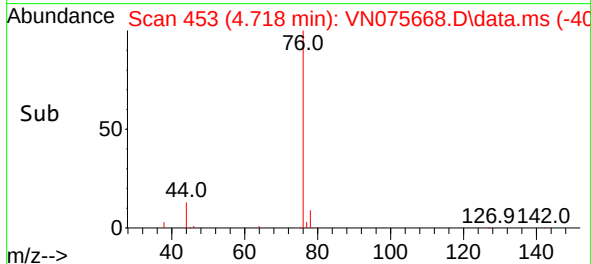
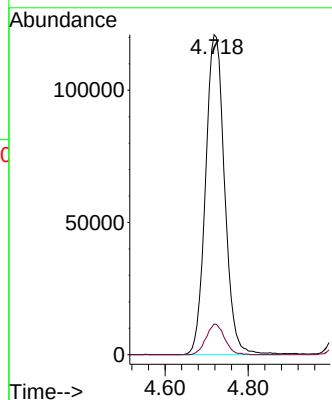
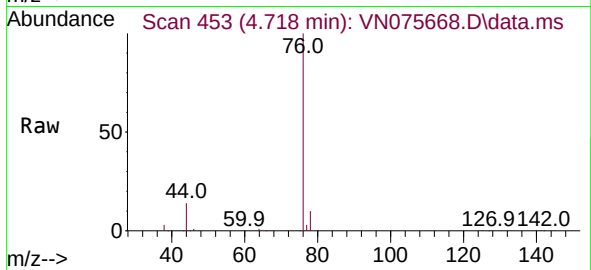




#17
Carbon Disulfide
Concen: 76.556 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

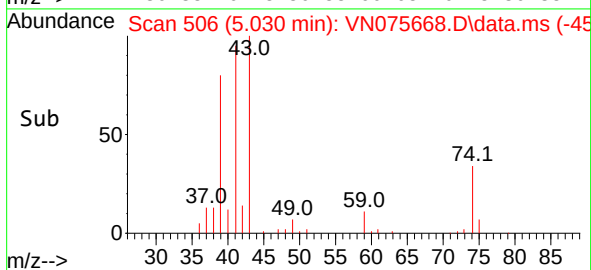
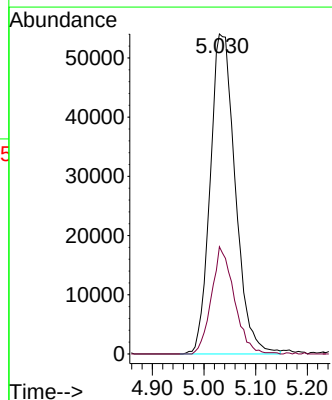
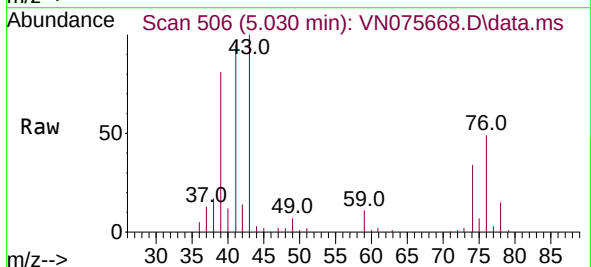
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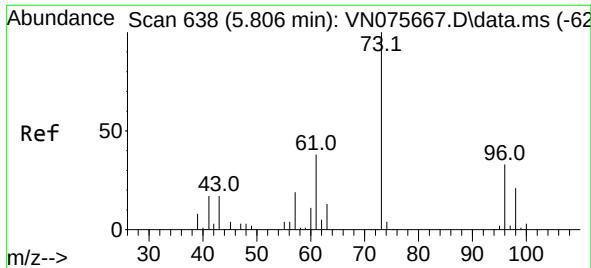
Tgt Ion: 76 Resp: 384586
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 71.288 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 43 Resp: 182411
Ion Ratio Lower Upper
43 100
74 30.4 24.5 36.7

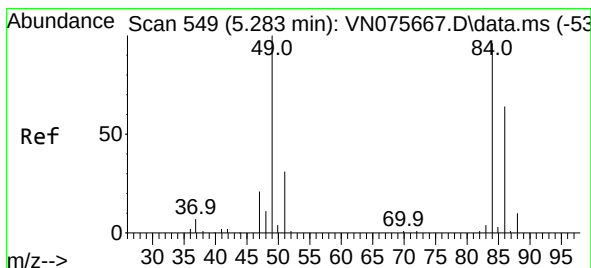
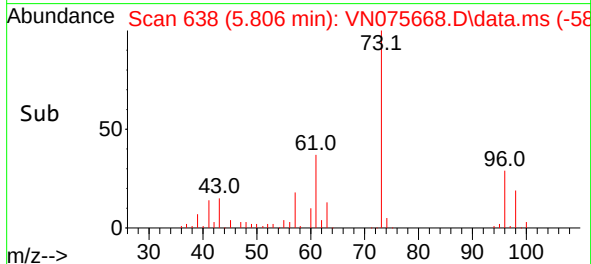
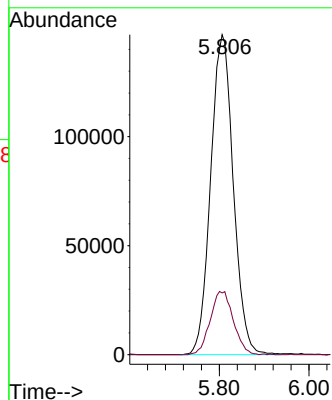
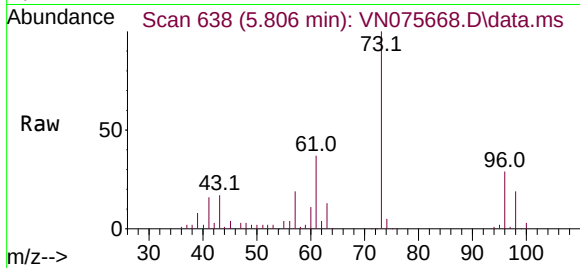




#19
Methyl tert-butyl Ether
Concen: 80.600 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

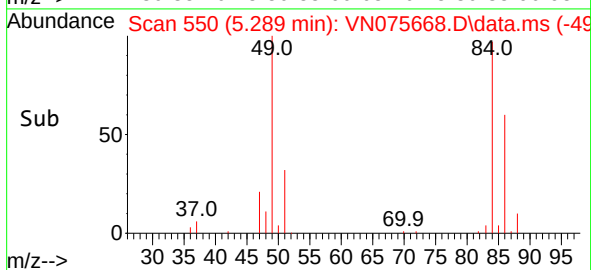
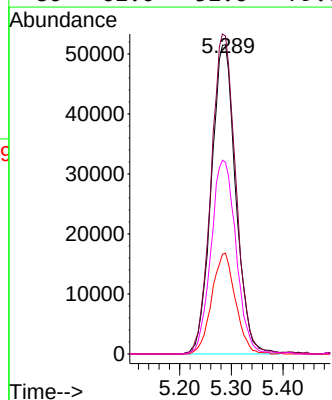
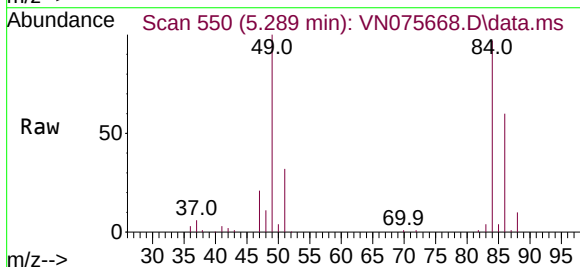
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

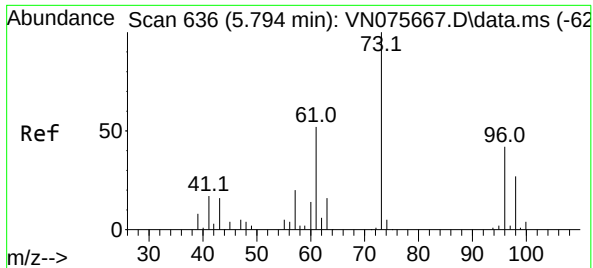
Tgt Ion: 73 Resp: 514736
Ion Ratio Lower Upper
73 100
57 19.3 15.1 22.7



#20
Methylene Chloride
Concen: 71.194 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 84 Resp: 169006
Ion Ratio Lower Upper
84 100
49 102.8 83.0 124.4
51 32.6 26.0 39.0
86 62.0 52.6 79.0

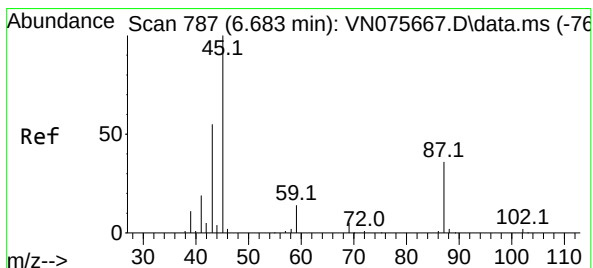
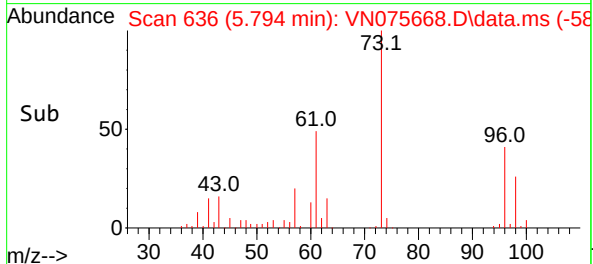
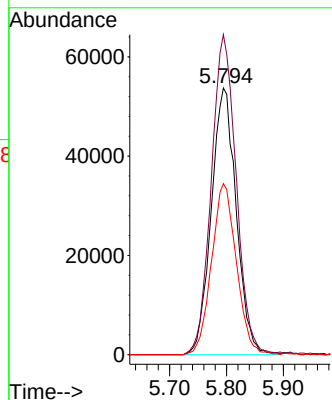
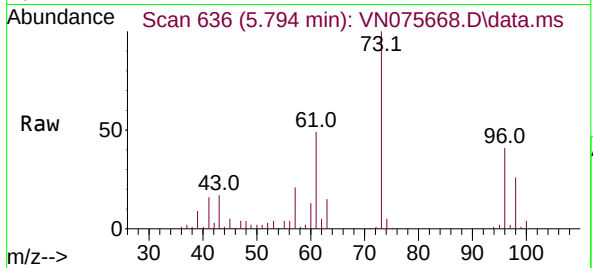




#21
trans-1,2-Dichloroethene
Concen: 77.380 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

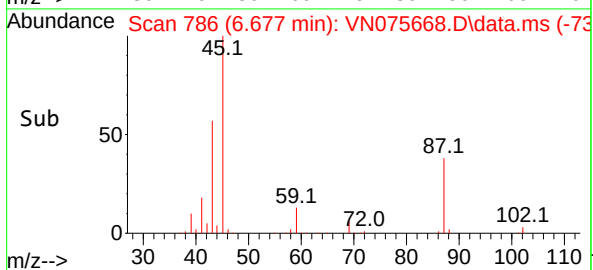
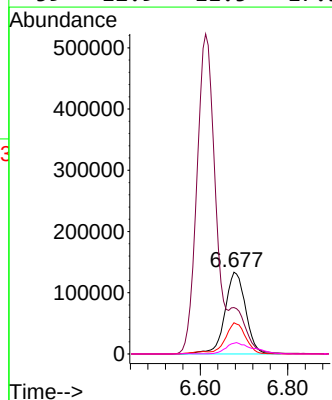
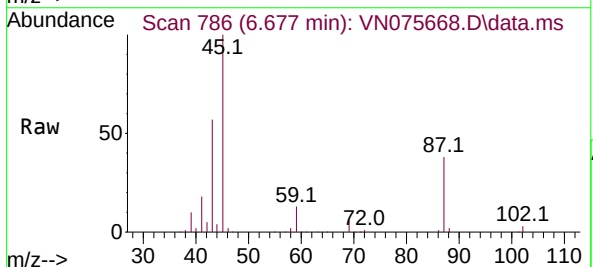
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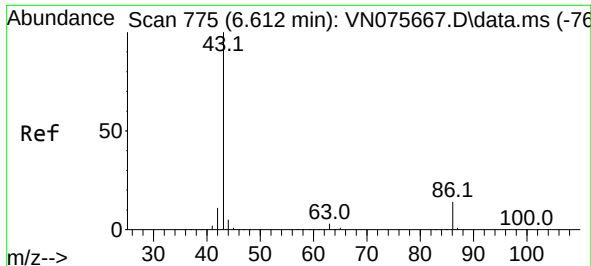
Tgt Ion: 96 Resp: 164170
Ion Ratio Lower Upper
96 100
61 120.0 100.5 150.7
98 64.1 52.7 79.1



#22
Diisopropyl ether
Concen: 81.062 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 45 Resp: 436055
Ion Ratio Lower Upper
45 100
43 55.6 44.9 67.3
87 38.0 28.8 43.2
59 12.9 11.5 17.3

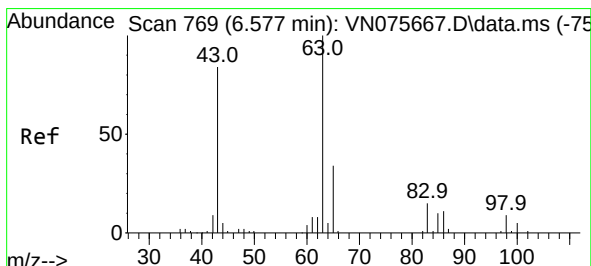
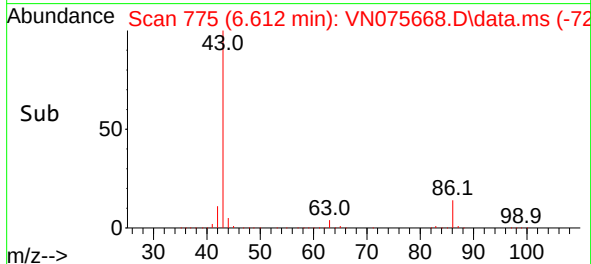
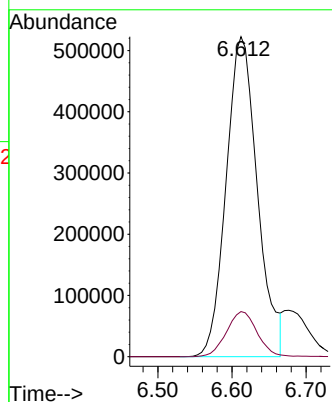
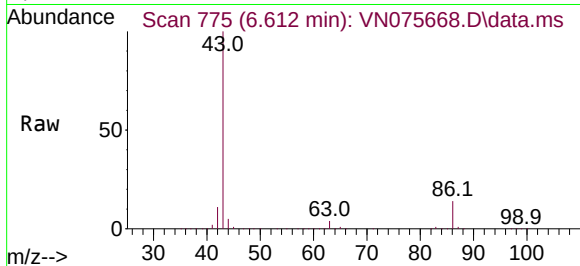




#23
 Vinyl Acetate
 Concen: 373.599 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

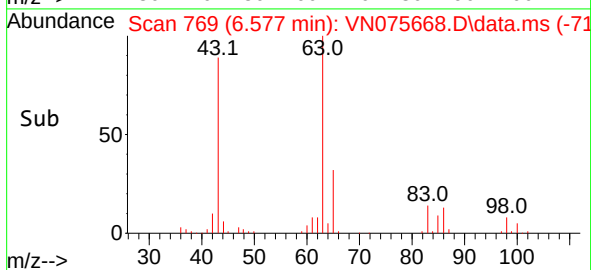
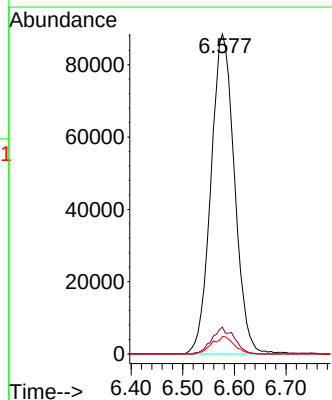
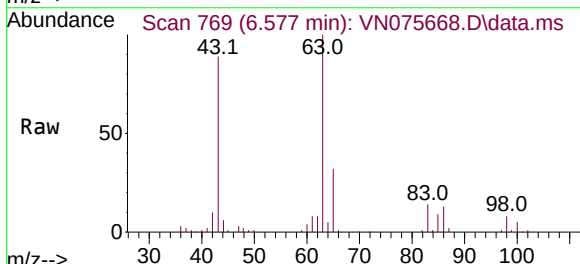
Instrument :
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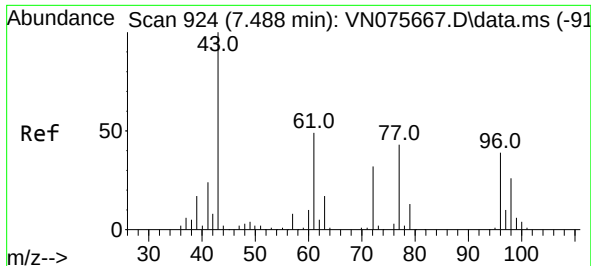
Tgt Ion: 43 Resp: 1532450
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 79.136 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

Tgt Ion: 63 Resp: 280215
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 12.9
 100 5.5 2.6 7.8

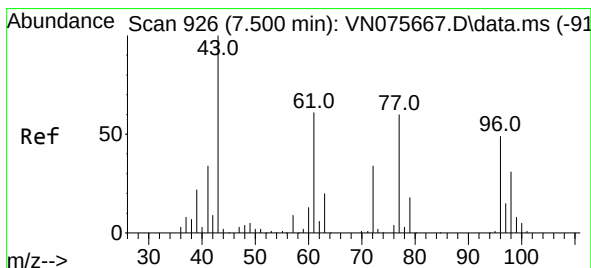
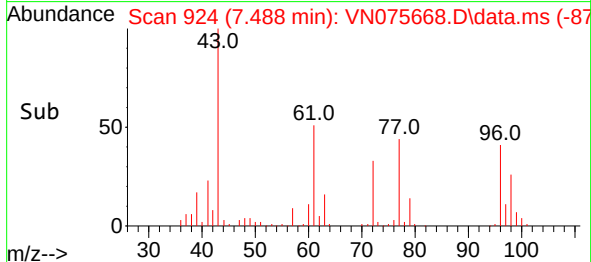
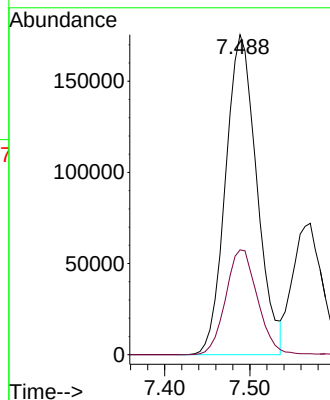
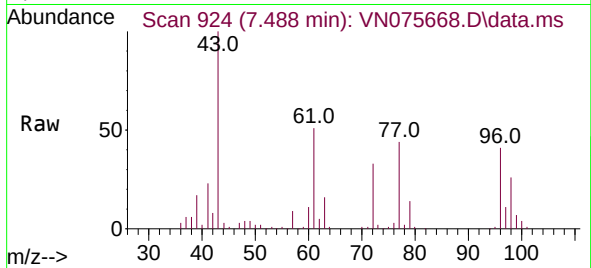




#25
2-Butanone
Concen: 384.278 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

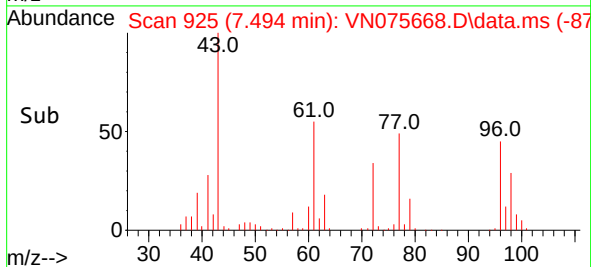
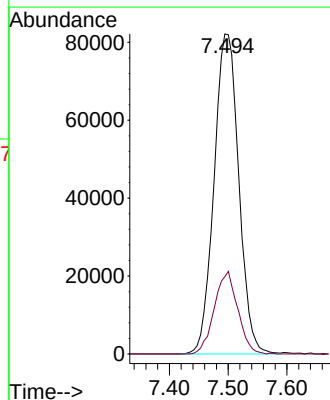
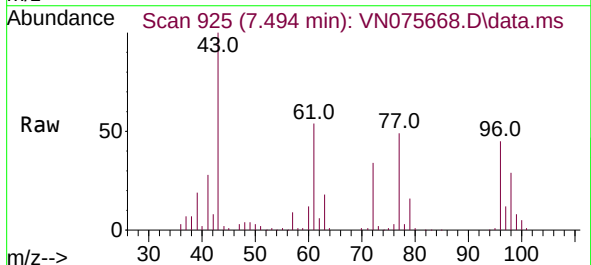
Instrument :
MSVOA_N
ClientSampleId :
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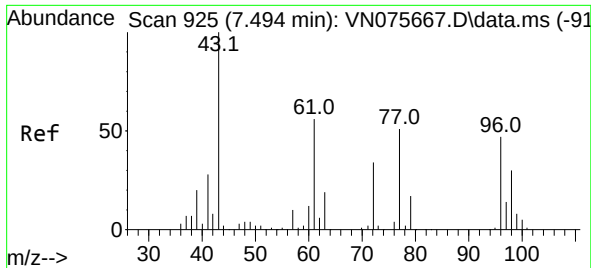
Tgt Ion: 43 Resp: 447332
Ion Ratio Lower Upper
43 100
72 32.8 25.3 37.9



#26
2,2-Dichloropropane
Concen: 79.453 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 77 Resp: 239943
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.4

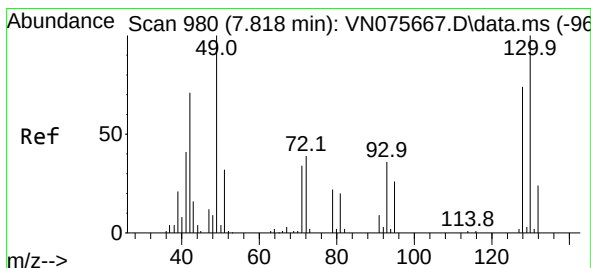
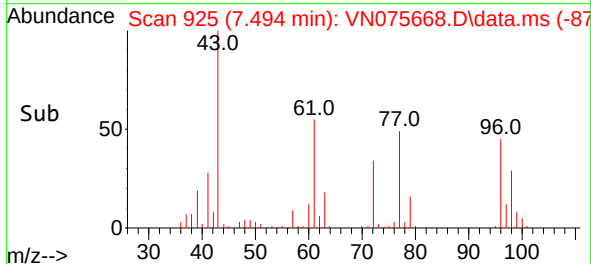
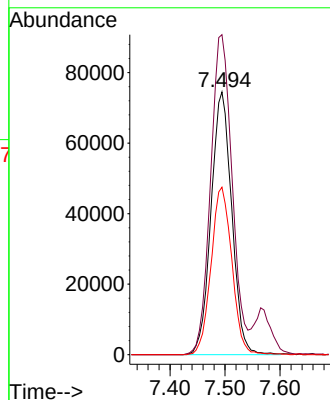
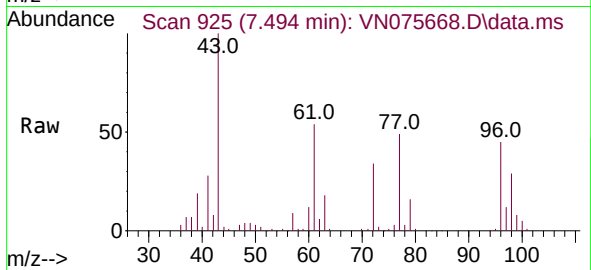




#27
 cis-1,2-Dichloroethene
 Concen: 75.792 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

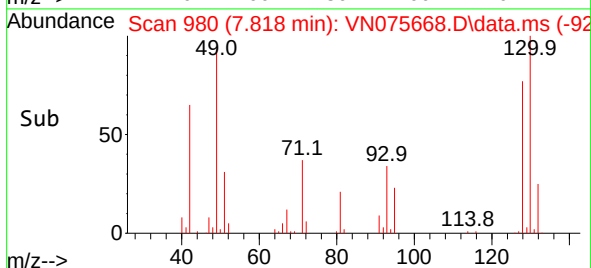
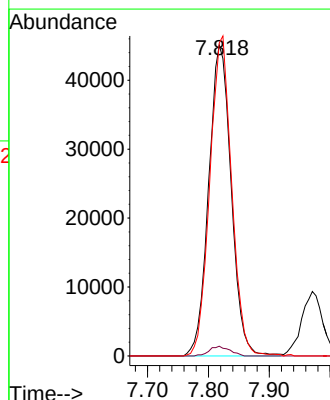
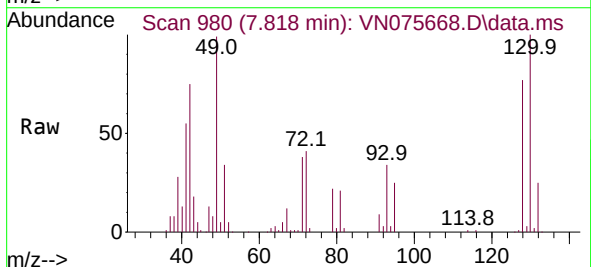
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

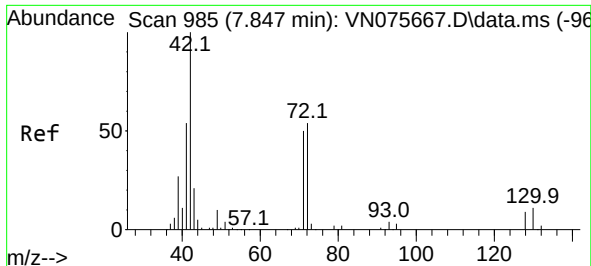
Tgt Ion: 96 Resp: 195216
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 247.8
 98 64.0 0.0 126.0



#28
 Bromochloromethane
 Concen: 81.804 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

Tgt Ion: 49 Resp: 115814
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.4
 130 99.5 78.5 117.7





#29

Tetrahydrofuran

Concen: 408.745 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

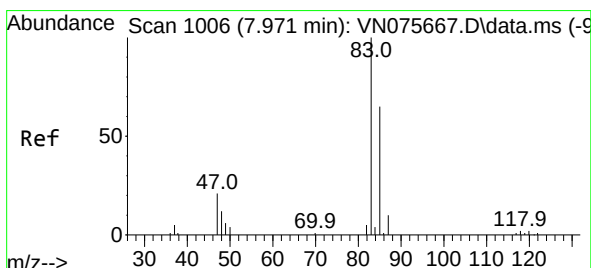
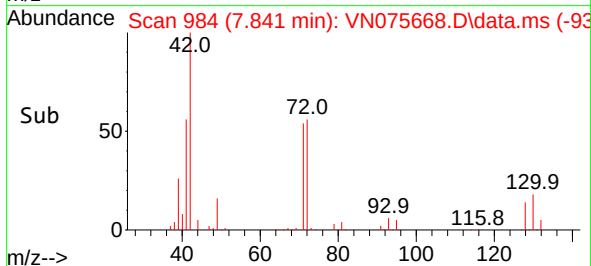
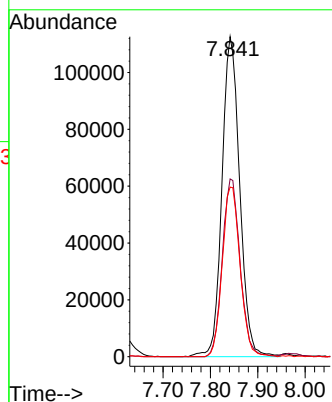
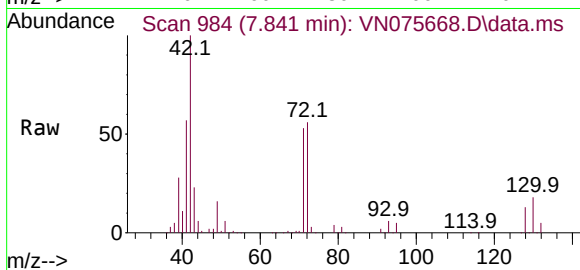
Tgt Ion: 42 Resp: 293277

Ion Ratio Lower Upper

42 100

72 55.6 44.6 67.0

71 53.2 41.2 61.8



#30

Chloroform

Concen: 79.316 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075668.D

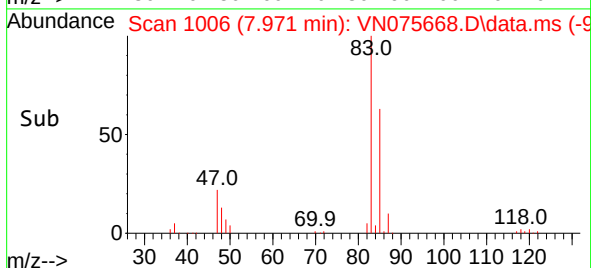
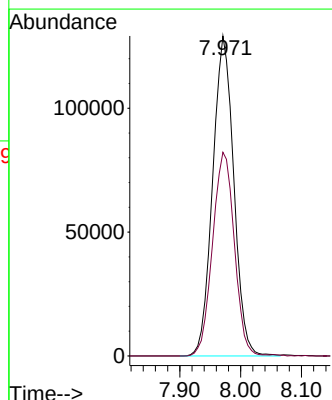
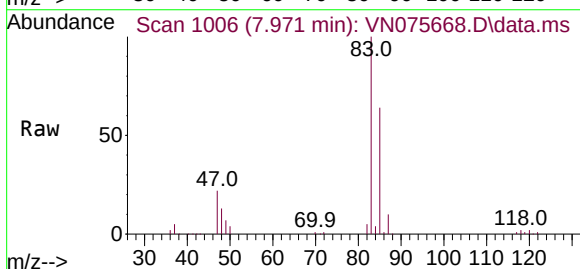
Acq: 09 Dec 2022 14:33

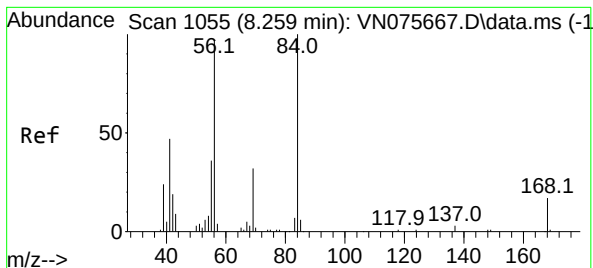
Tgt Ion: 83 Resp: 311081

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6





#31

Cyclohexane

Concen: 70.956 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

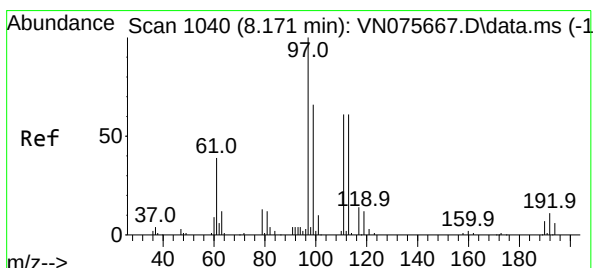
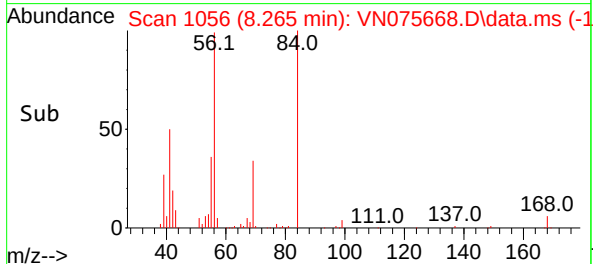
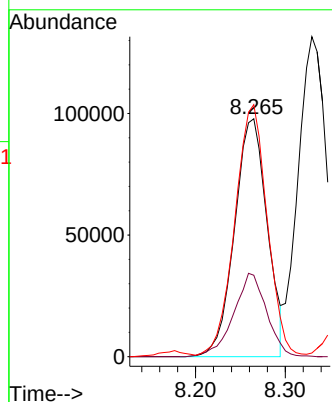
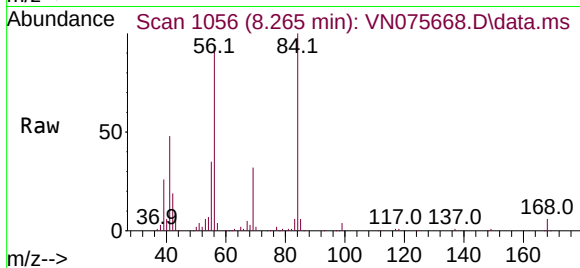
Tgt Ion: 56 Resp: 247026

Ion Ratio Lower Upper

56 100

69 34.2 26.2 39.2

84 104.2 82.8 124.2



#32

1,1,1-Trichloroethane

Concen: 80.990 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

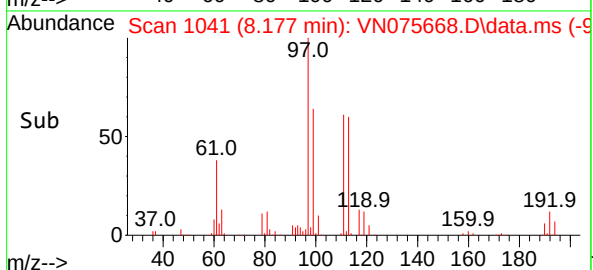
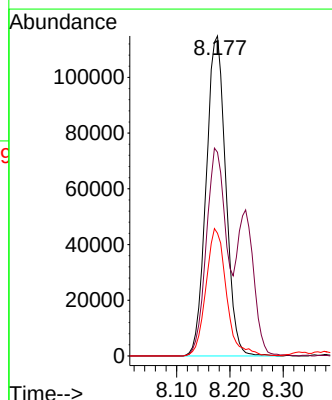
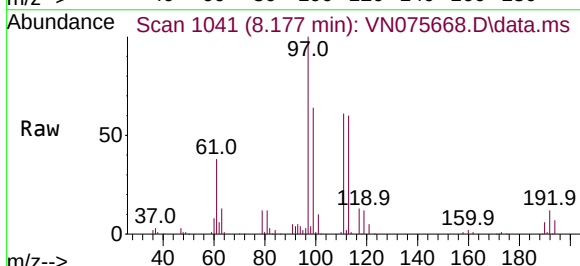
Tgt Ion: 97 Resp: 293056

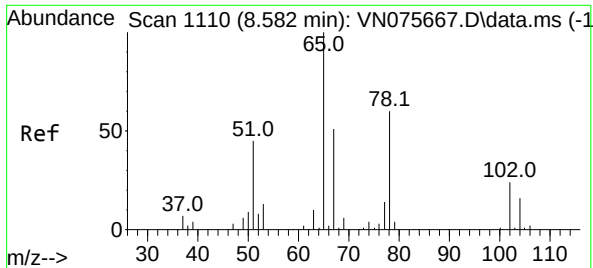
Ion Ratio Lower Upper

97 100

99 66.8 51.2 76.8

61 41.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 77.912 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

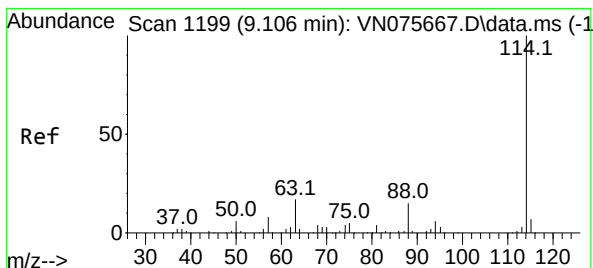
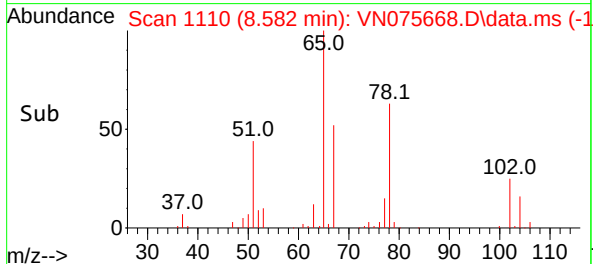
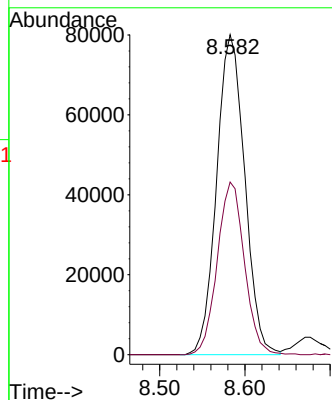
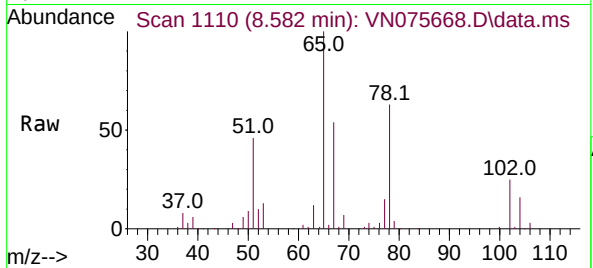
VSTDIC075

Tgt Ion: 65 Resp: 183200

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

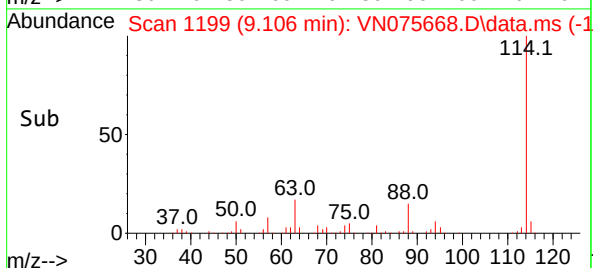
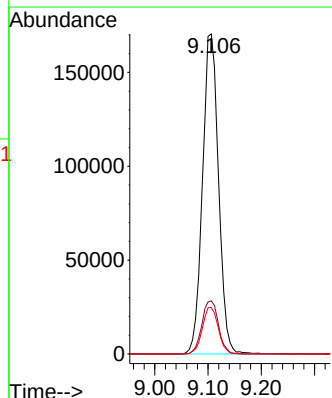
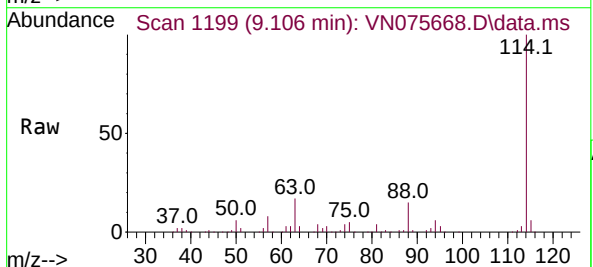
Tgt Ion: 114 Resp: 356208

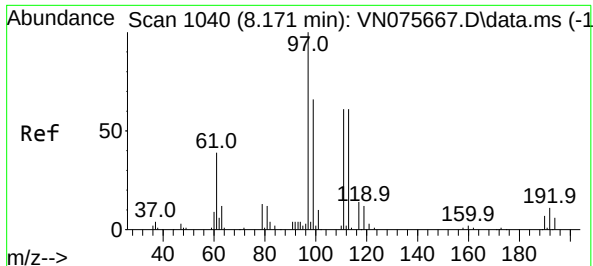
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.4

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 77.220 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

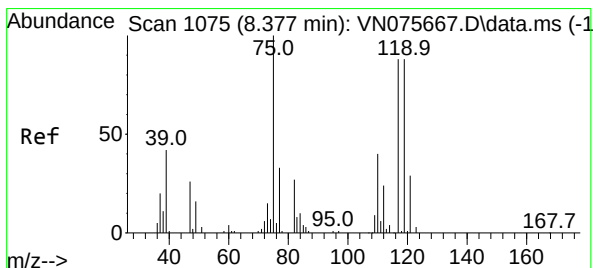
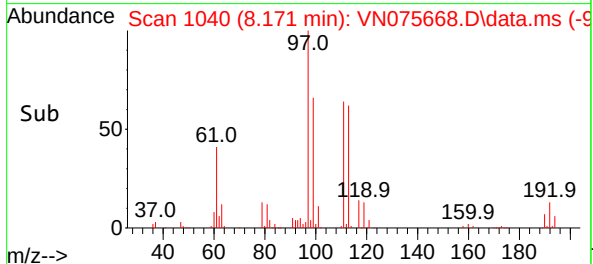
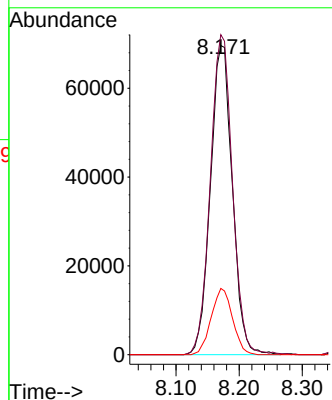
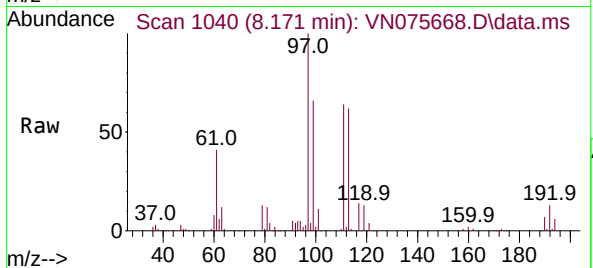
Tgt Ion:113 Resp: 167821

Ion Ratio Lower Upper

113 100

111 104.6 81.0 121.6

192 20.8 16.2 24.2



#36

1,1-Dichloropropene

Concen: 80.091 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

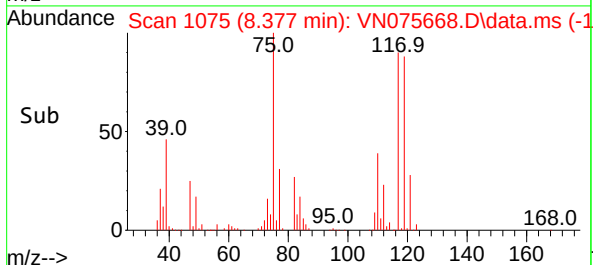
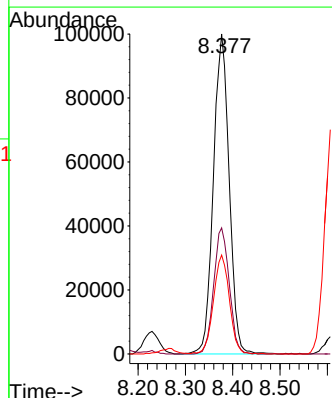
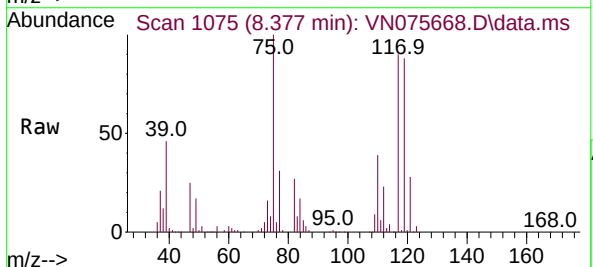
Tgt Ion: 75 Resp: 231126

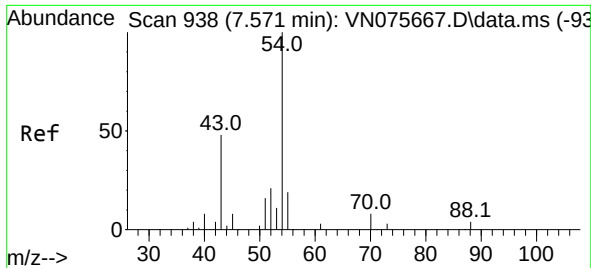
Ion Ratio Lower Upper

75 100

110 38.8 18.9 56.9

77 31.1 25.4 38.2

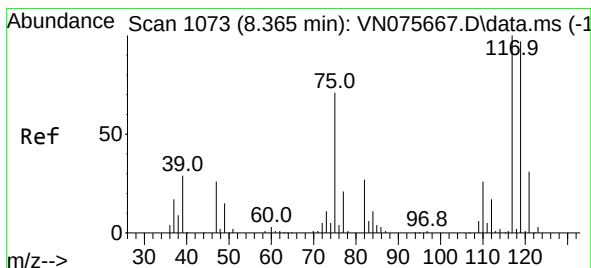
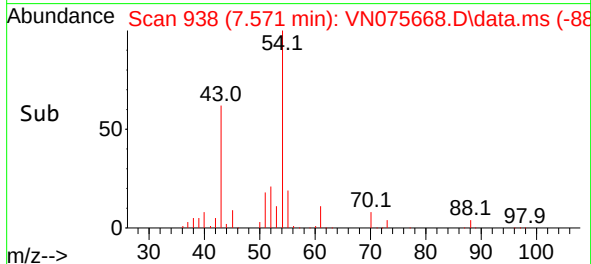
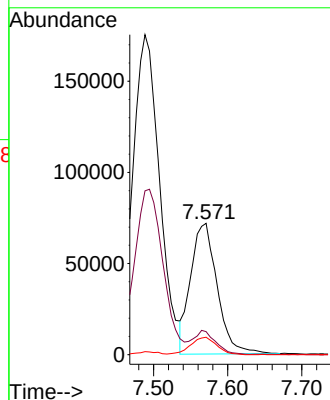
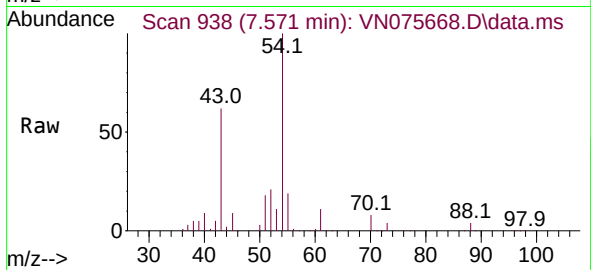




#37
Ethyl Acetate
Concen: 77.043 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

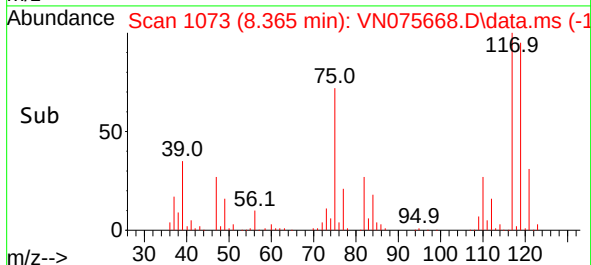
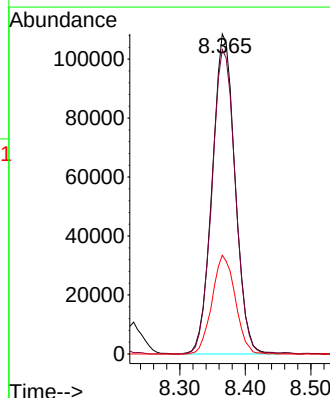
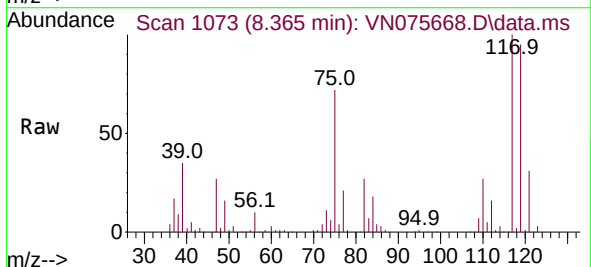
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

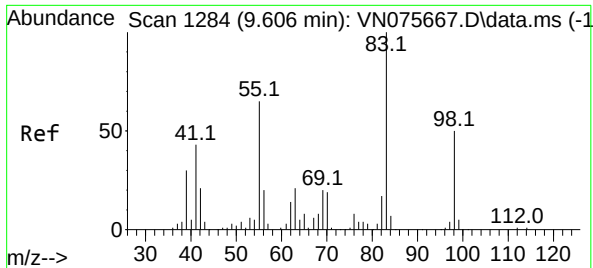
Tgt Ion: 43 Resp: 178505
Ion Ratio Lower Upper
43 100
61 14.5 13.3 19.9
70 13.1 9.9 14.9



#38
Carbon Tetrachloride
Concen: 78.922 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 117 Resp: 262813
Ion Ratio Lower Upper
117 100
119 95.1 77.2 115.8
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 82.707 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

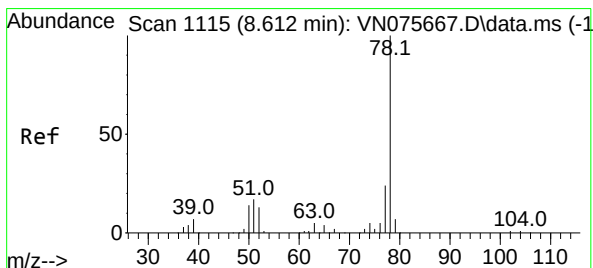
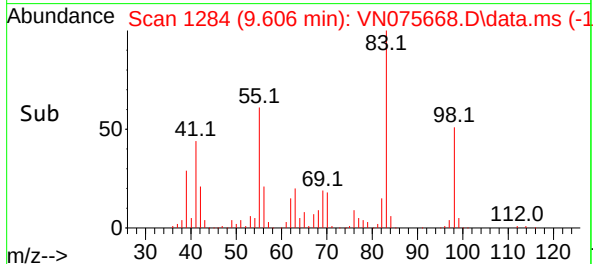
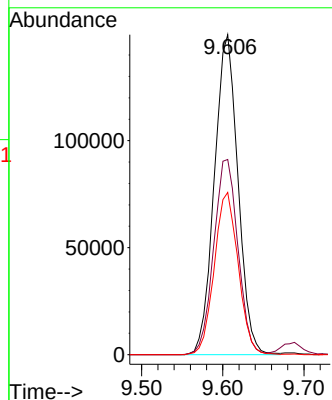
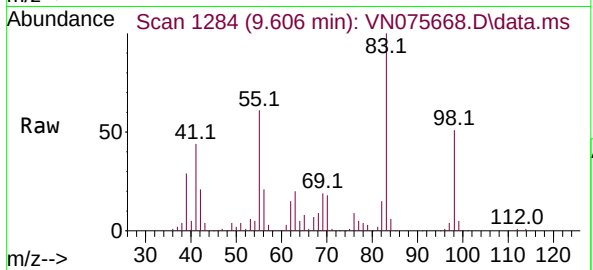
Tgt Ion: 83 Resp: 302648

Ion Ratio Lower Upper

83 100

55 61.0 51.6 77.4

98 50.7 39.8 59.8



#40

Benzene

Concen: 77.854 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075668.D

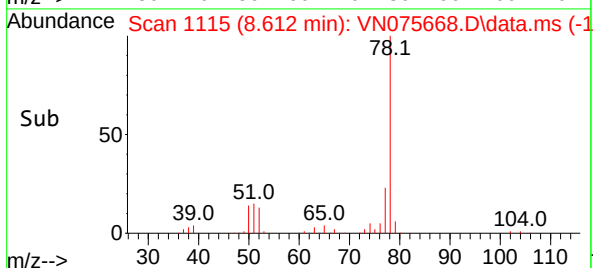
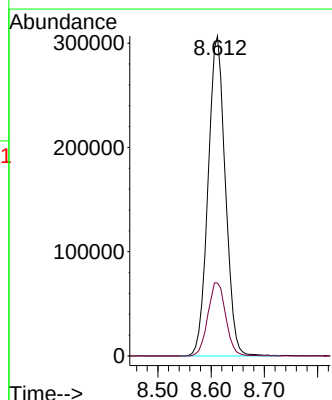
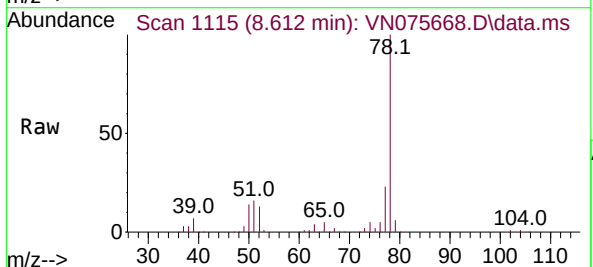
Acq: 09 Dec 2022 14:33

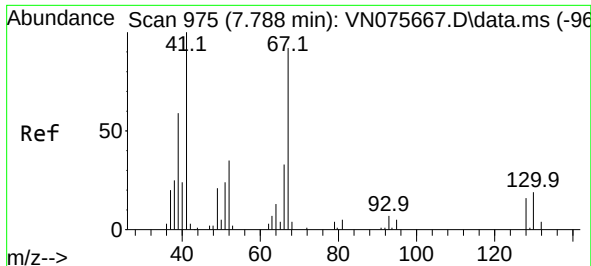
Tgt Ion: 78 Resp: 689495

Ion Ratio Lower Upper

78 100

77 22.8 19.1 28.7



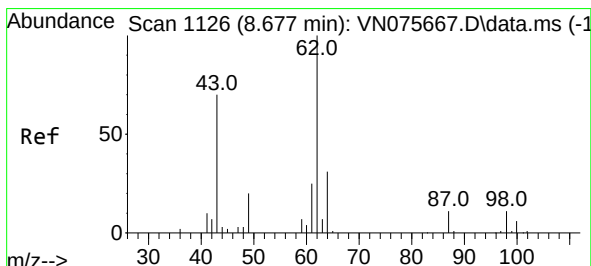
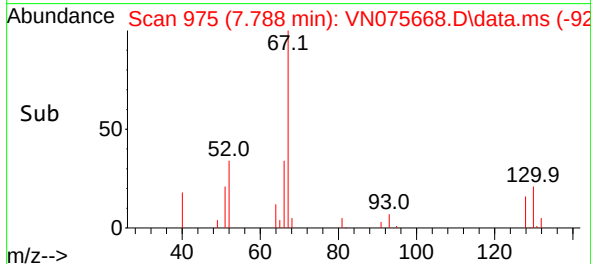
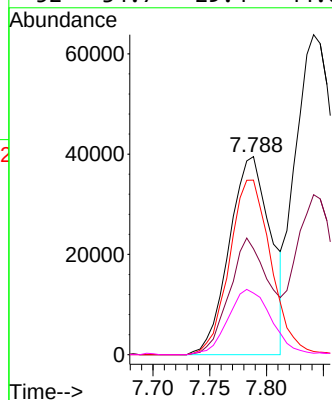
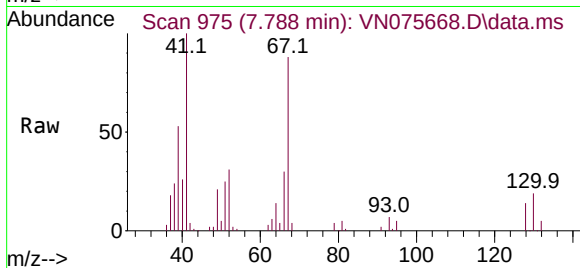


#41
Methacrylonitrile
Concen: 84.589 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 41 Resp: 100495

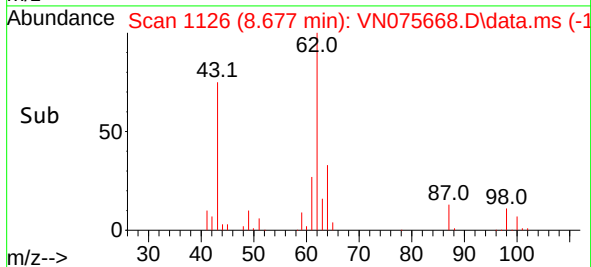
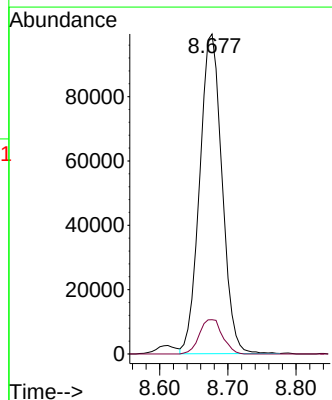
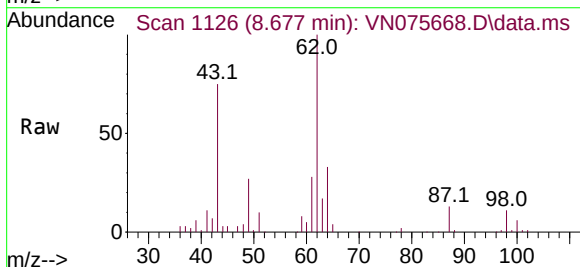
Ion	Ratio	Lower	Upper
41	100		
39	56.6	46.3	69.5
67	88.6	74.0	111.0
52	34.7	29.4	44.0

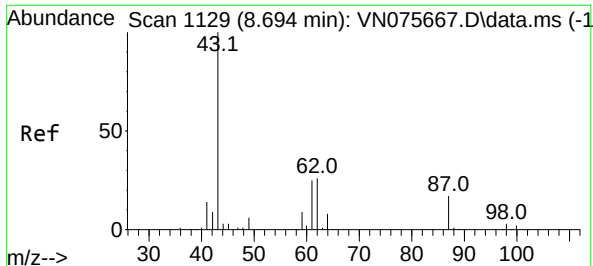


#42
1,2-Dichloroethane
Concen: 76.374 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 62 Resp: 226265

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.8

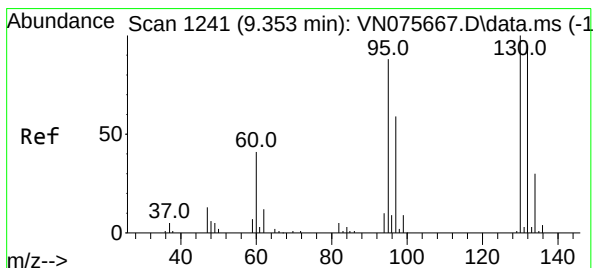
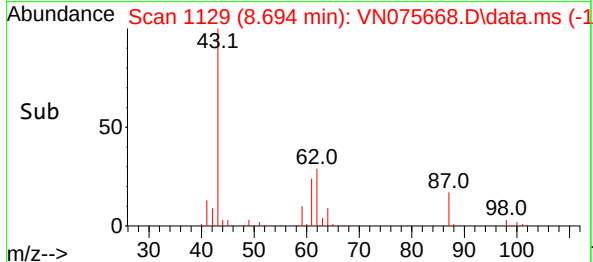
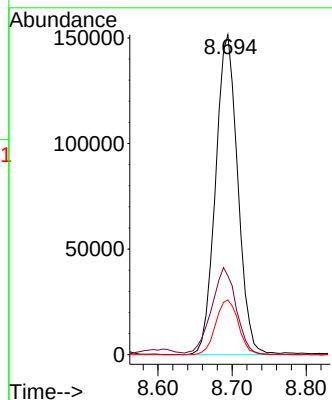
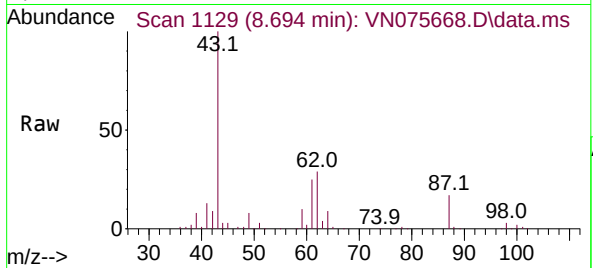




#43
Isopropyl Acetate
Concen: 81.483 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

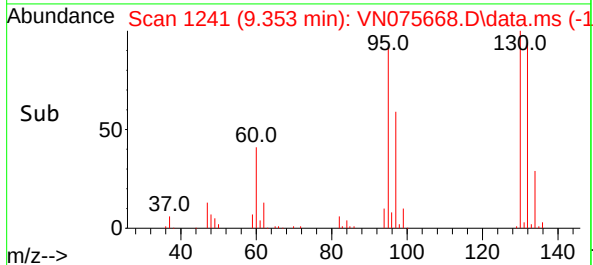
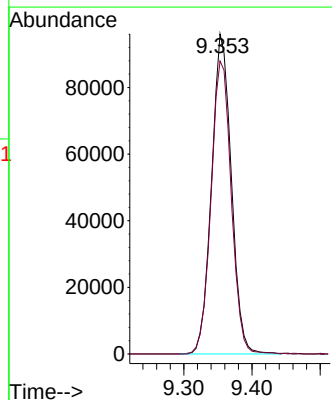
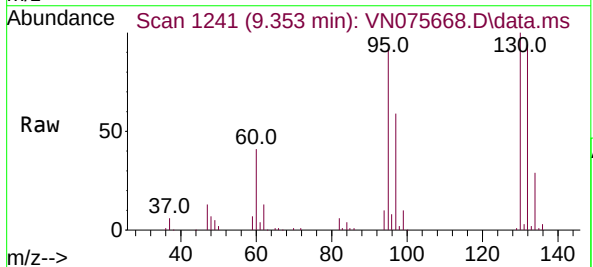
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

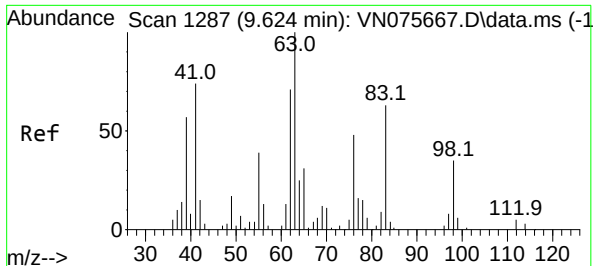
Tgt Ion: 43 Resp: 315180
Ion Ratio Lower Upper
43 100
61 30.4 23.8 35.8
87 17.5 13.7 20.5



#44
Trichloroethene
Concen: 77.523 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:130 Resp: 193687
Ion Ratio Lower Upper
130 100
95 91.5 0.0 176.8





#45

1,2-Dichloropropane

Concen: 78.433 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

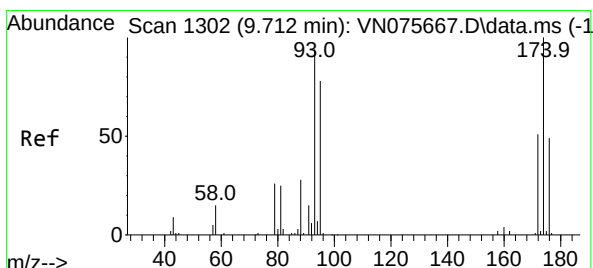
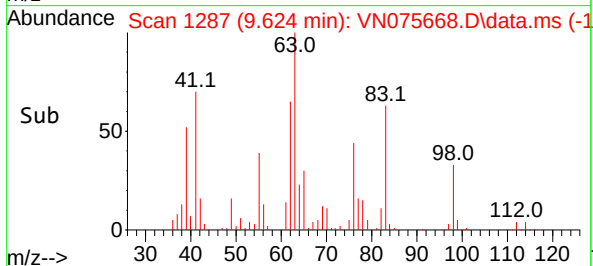
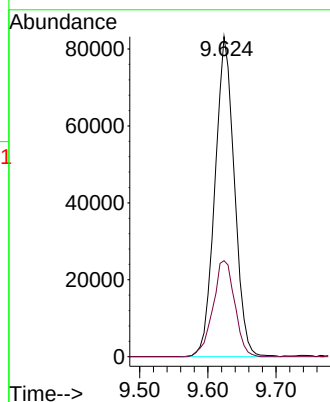
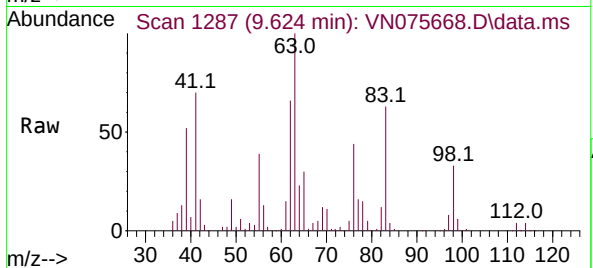
VSTDIC075

Tgt Ion: 63 Resp: 165207

Ion Ratio Lower Upper

63 100

65 30.0 25.1 37.7



#46

Dibromomethane

Concen: 80.445 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

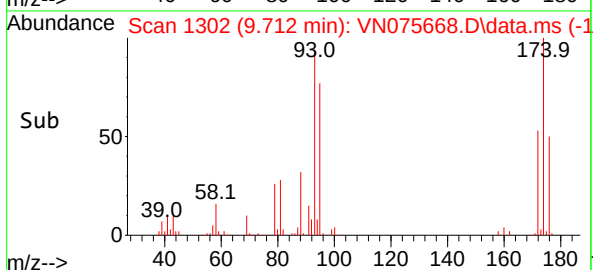
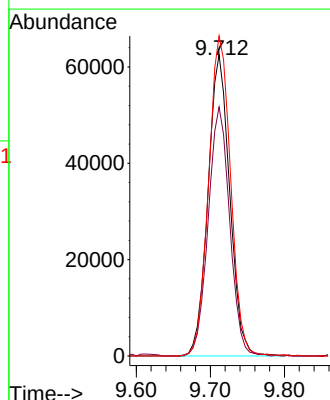
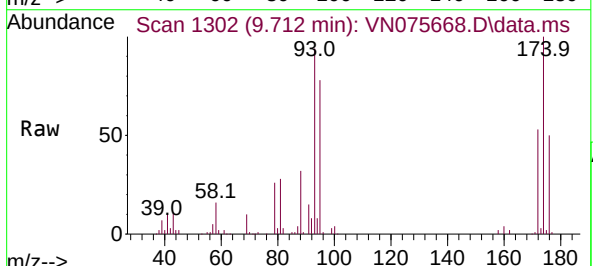
Tgt Ion: 93 Resp: 127215

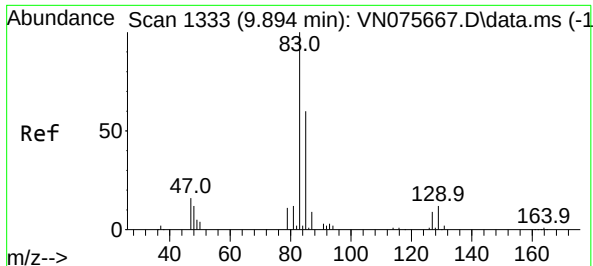
Ion Ratio Lower Upper

93 100

95 81.7 67.3 100.9

174 107.8 85.0 127.6

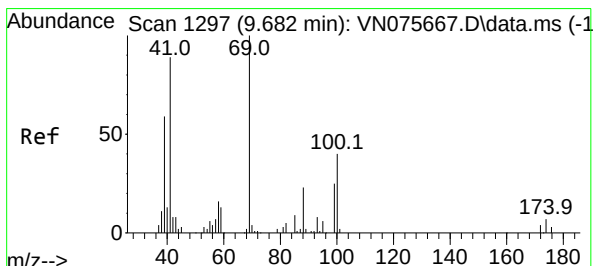
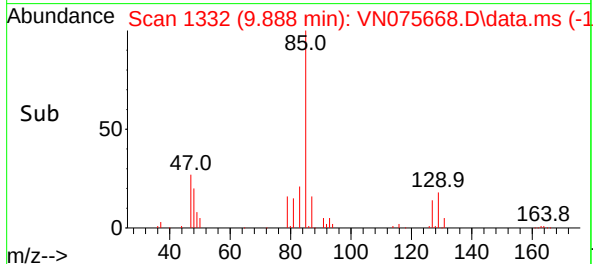
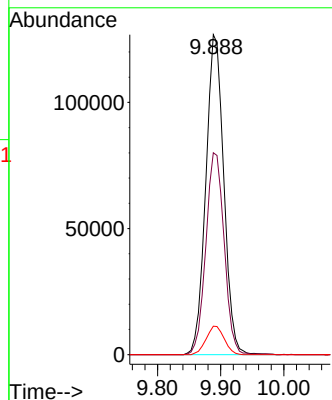
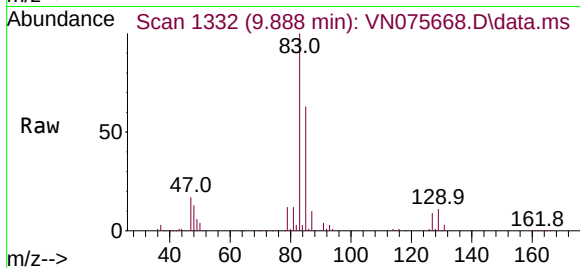




#47
Bromodichloromethane
Concen: 80.889 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

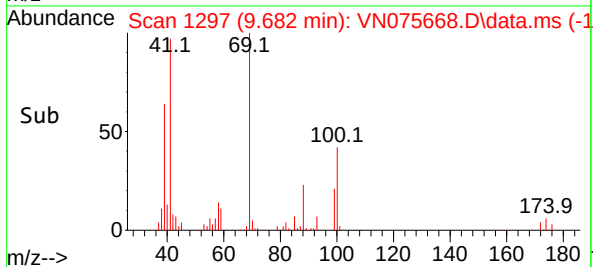
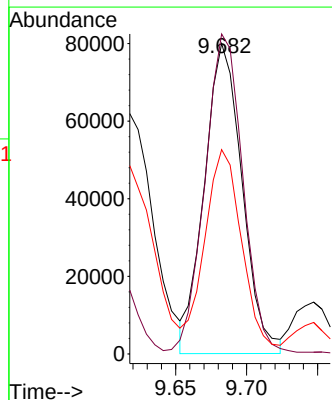
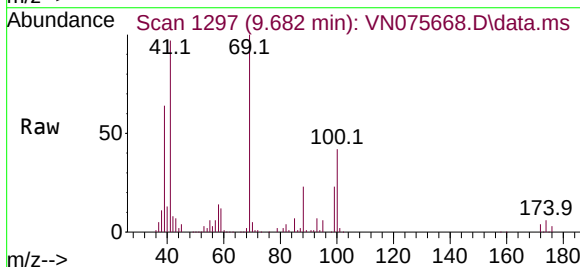
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

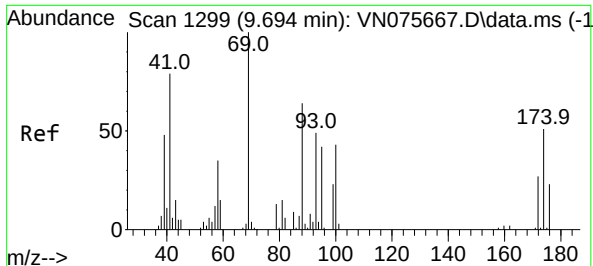
Tgt Ion: 83 Resp: 250804
Ion Ratio Lower Upper
83 100
85 63.1 48.0 72.0
127 8.9 7.4 11.2



#48
Methyl methacrylate
Concen: 83.074 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 41 Resp: 147996
Ion Ratio Lower Upper
41 100
69 104.6 82.5 123.7
39 65.6 53.2 79.8





#49

1,4-Dioxane

Concen: 1682.456 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

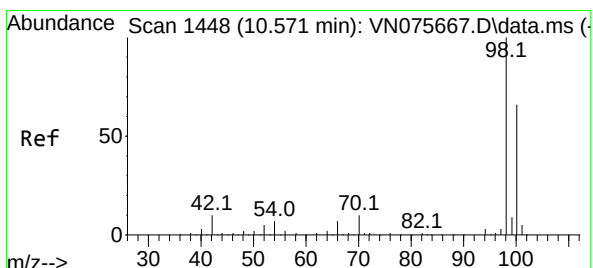
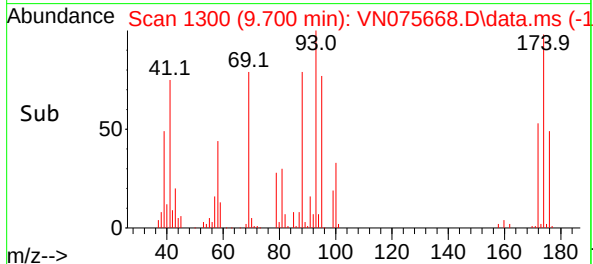
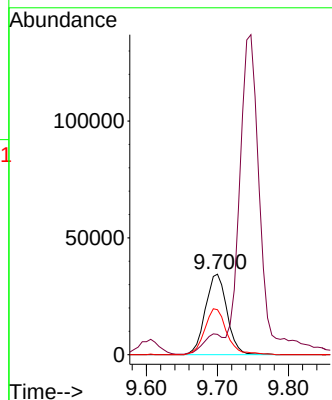
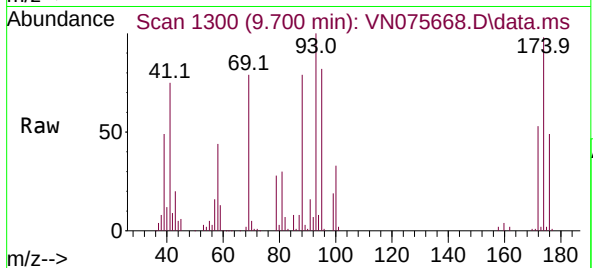
Tgt Ion: 88 Resp: 72859

Ion Ratio Lower Upper

88 100

43 25.6 17.4 26.0

58 58.6 46.8 70.2



#50

Toluene-d8

Concen: 80.741 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075668.D

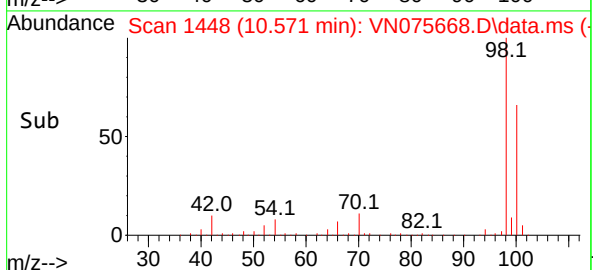
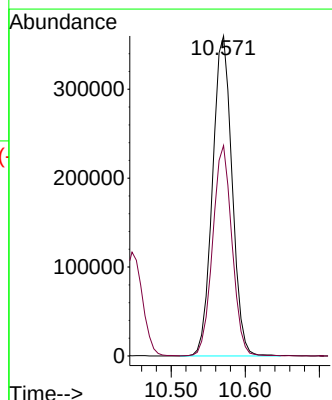
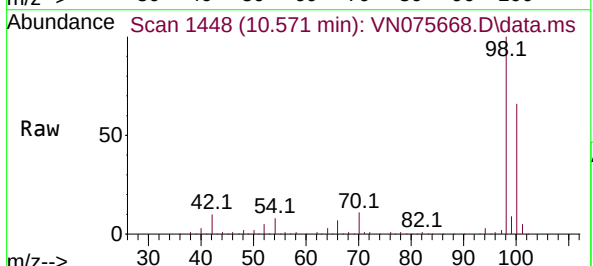
Acq: 09 Dec 2022 14:33

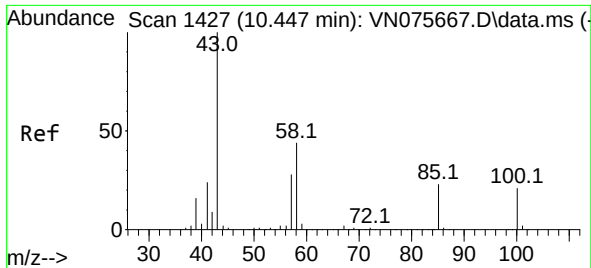
Tgt Ion: 98 Resp: 658974

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

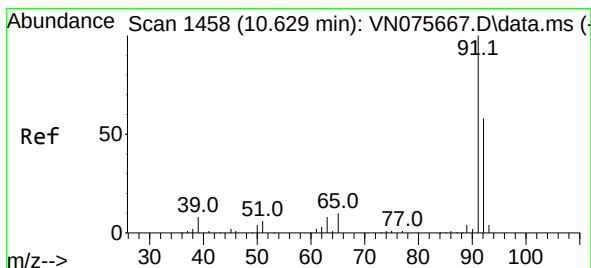
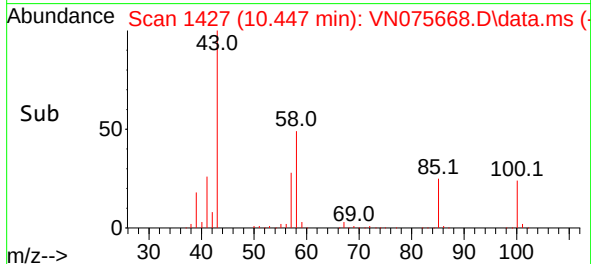
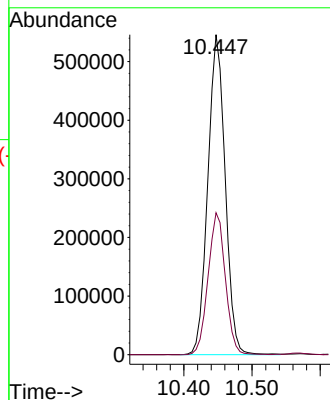
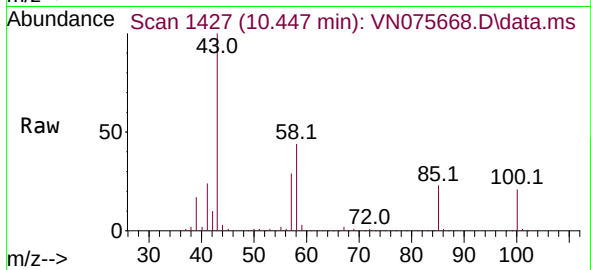




#51
4-Methyl-2-Pentanone
Concen: 405.477 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

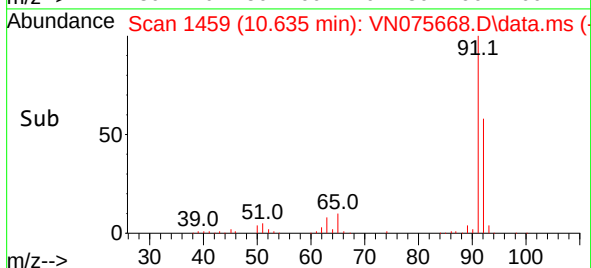
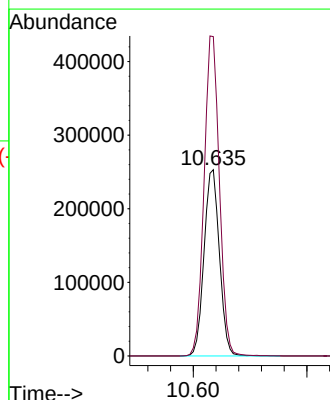
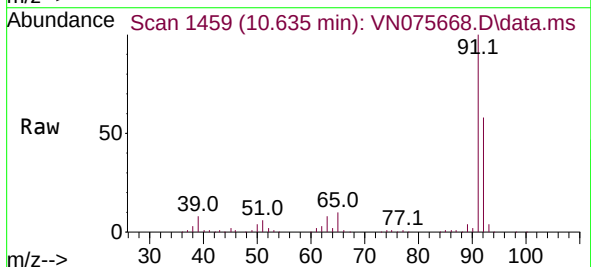
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

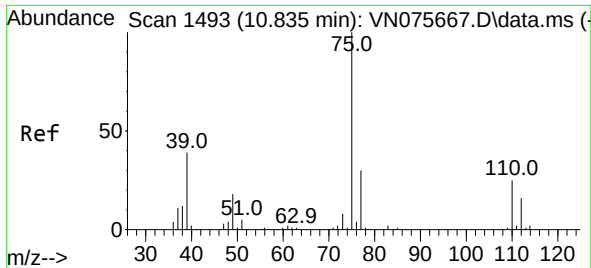
Tgt Ion: 43 Resp: 967106
Ion Ratio Lower Upper
43 100
58 44.2 35.0 52.6



#52
Toluene
Concen: 80.992 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 92 Resp: 474106
Ion Ratio Lower Upper
92 100
91 170.9 137.9 206.9

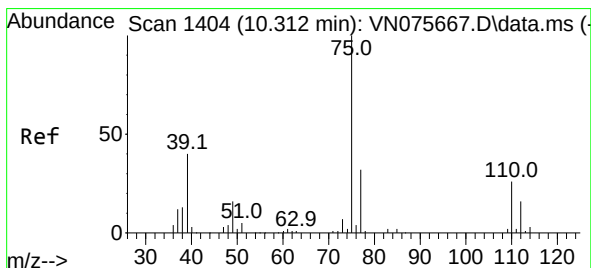
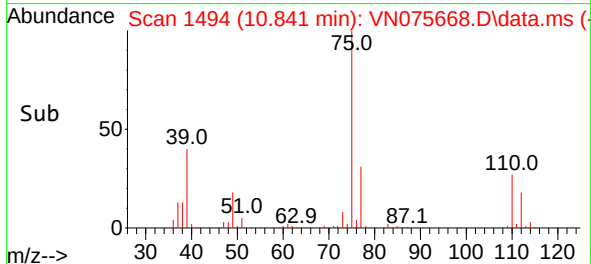
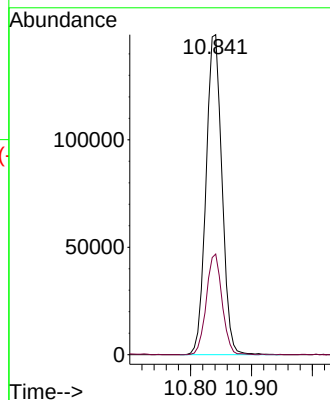
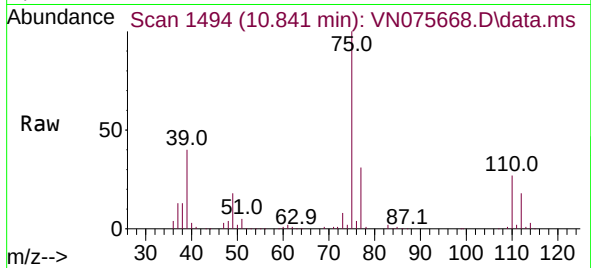




#53
 t-1,3-Dichloropropene
 Concen: 88.364 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

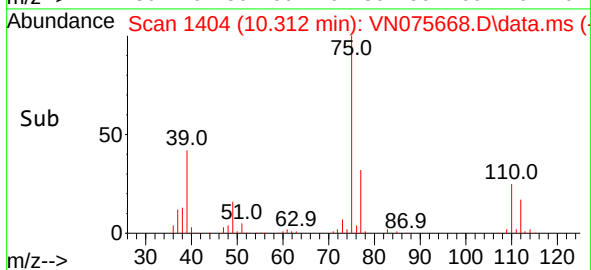
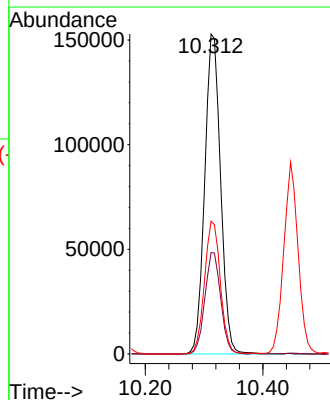
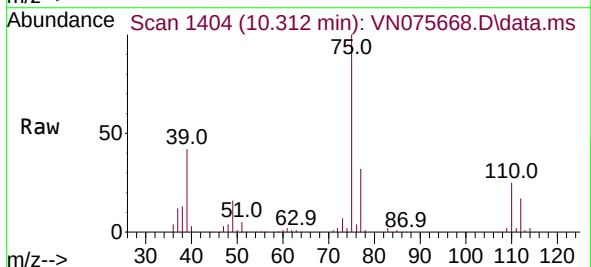
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

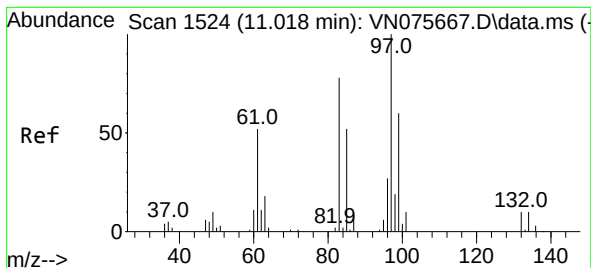
Tgt Ion: 75 Resp: 270593
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 84.183 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

Tgt Ion: 75 Resp: 286809
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 41.5 32.0 48.0





#55

1,1,2-Trichloroethane

Concen: 79.122 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 97 Resp: 182105

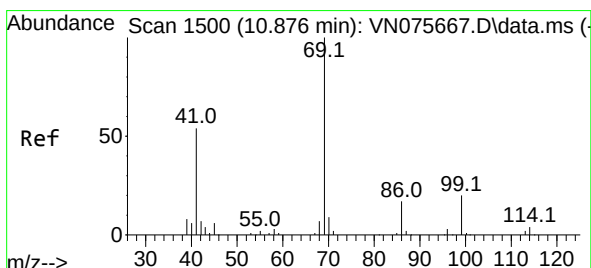
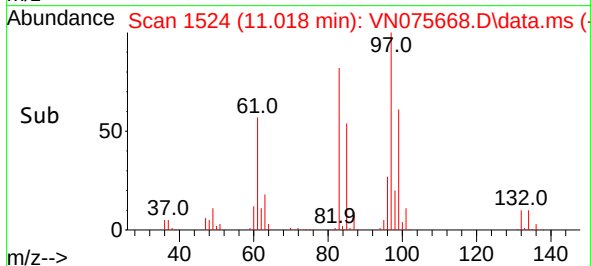
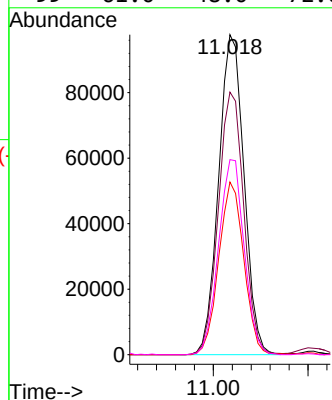
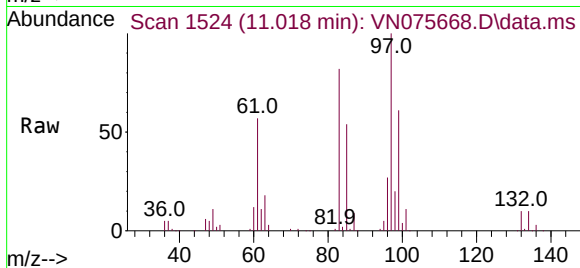
Ion Ratio Lower Upper

97 100

83 82.1 62.7 94.1

85 53.9 41.8 62.6

99 61.0 48.0 72.0



#56

Ethyl methacrylate

Concen: 86.454 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

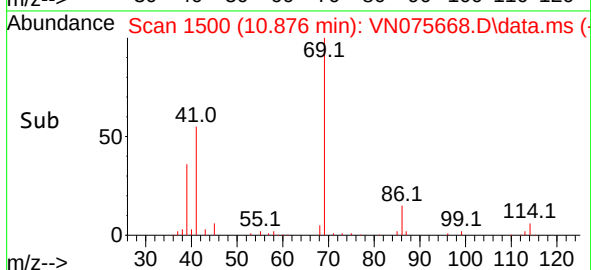
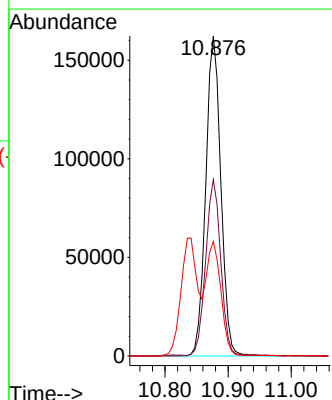
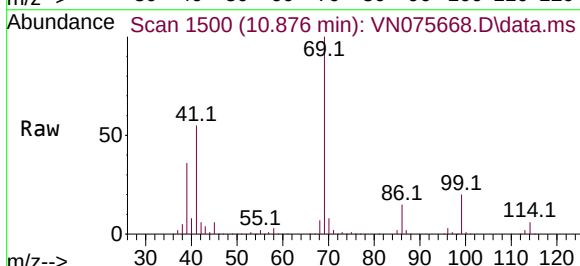
Tgt Ion: 69 Resp: 269621

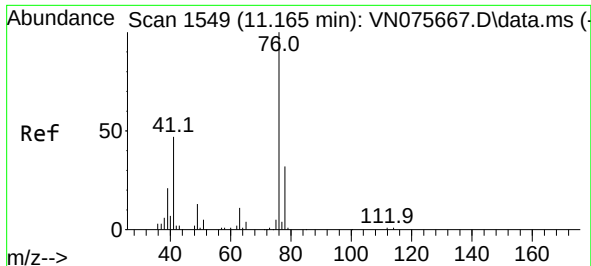
Ion Ratio Lower Upper

69 100

41 54.5 44.1 66.1

39 34.1 27.7 41.5





#57

1,3-Dichloropropane

Concen: 80.222 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

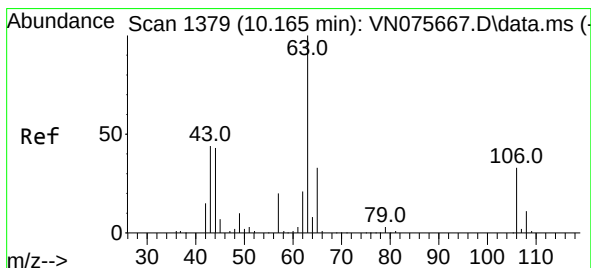
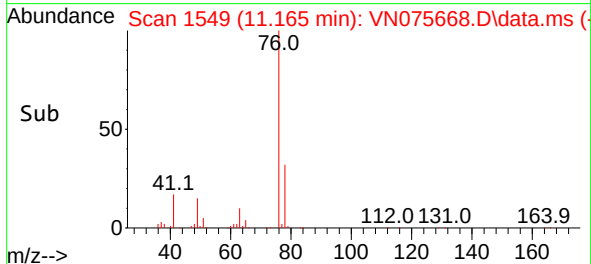
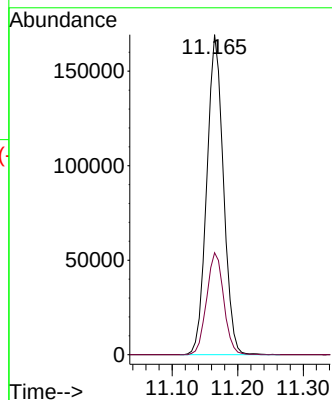
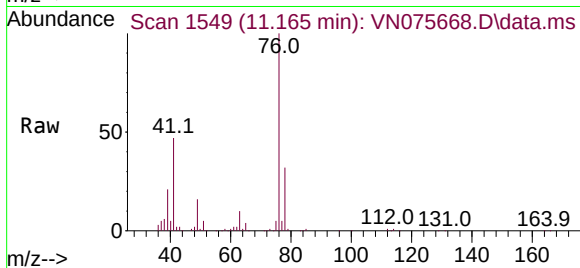
VSTDICC075

Tgt Ion: 76 Resp: 298434

Ion Ratio Lower Upper

76 100

78 32.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 446.082 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075668.D

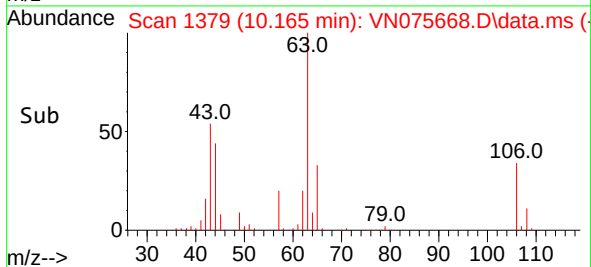
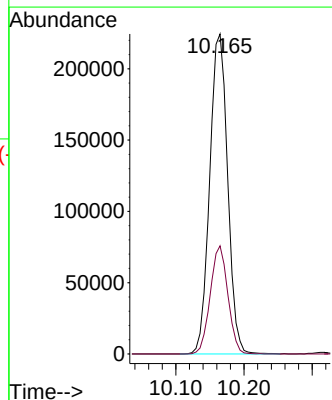
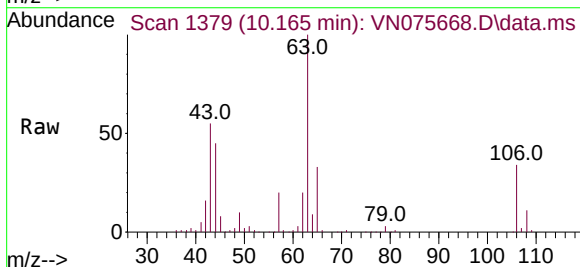
Acq: 09 Dec 2022 14:33

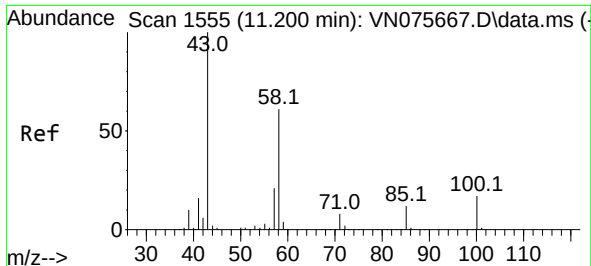
Tgt Ion: 63 Resp: 410755

Ion Ratio Lower Upper

63 100

106 33.2 26.6 40.0

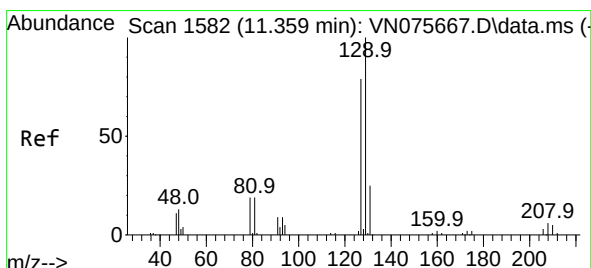
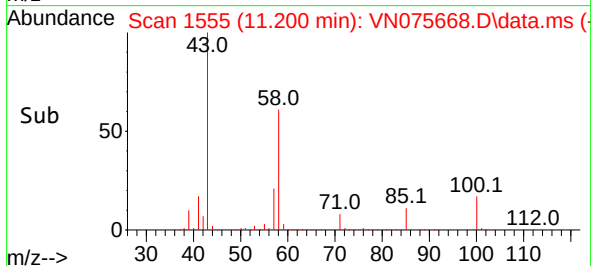
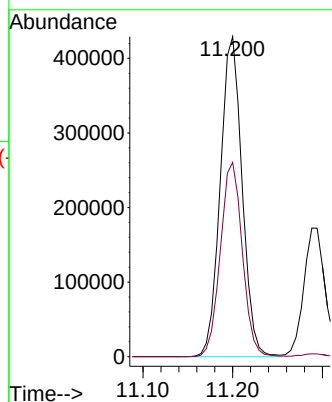
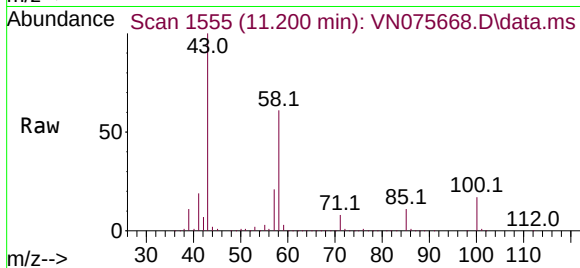




#59
2-Hexanone
Concen: 417.573 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

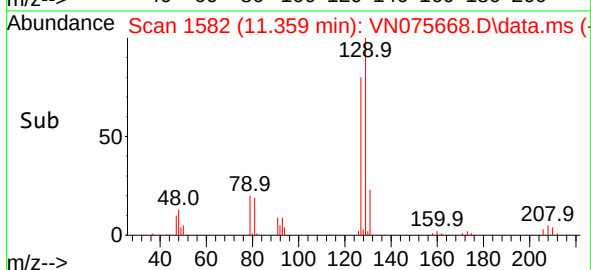
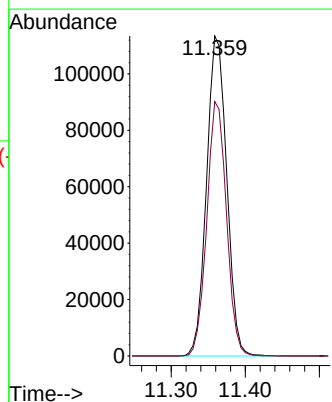
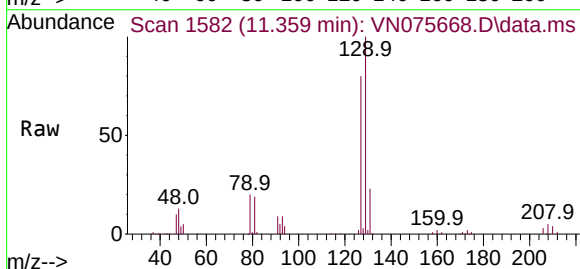
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

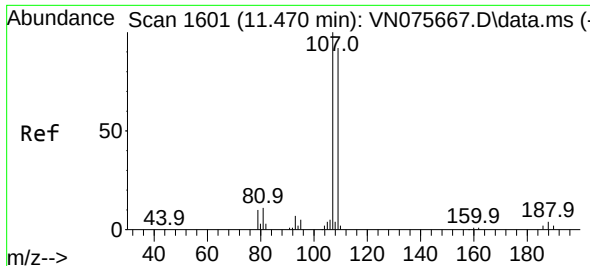
Tgt Ion: 43 Resp: 723582
Ion Ratio Lower Upper
43 100
58 61.1 30.9 92.5



#60
Dibromochloromethane
Concen: 84.584 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 129 Resp: 214222
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

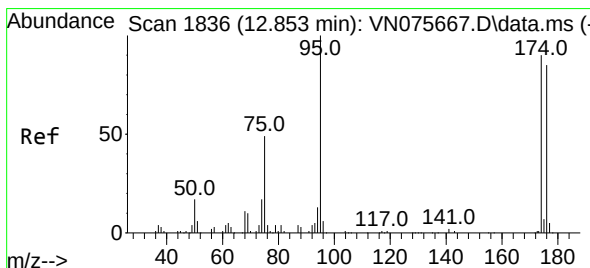
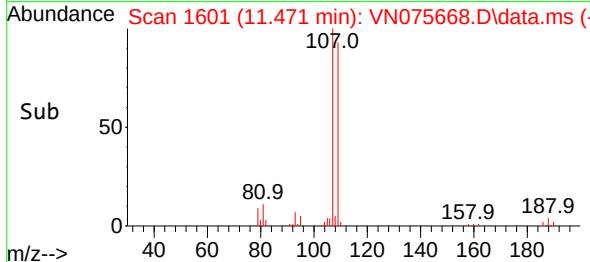
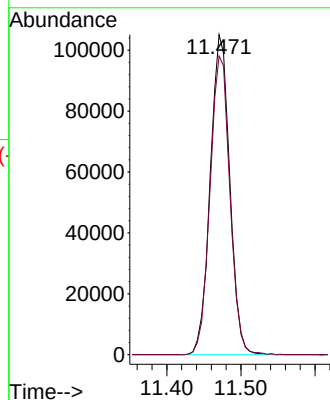
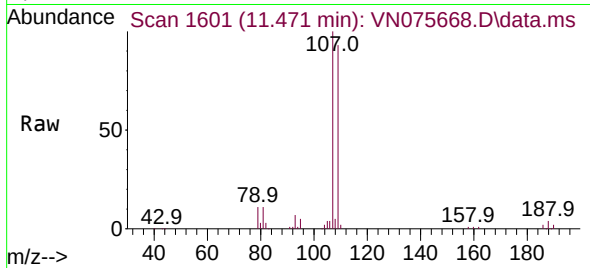




#61
1,2-Dibromoethane
Concen: 79.461 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

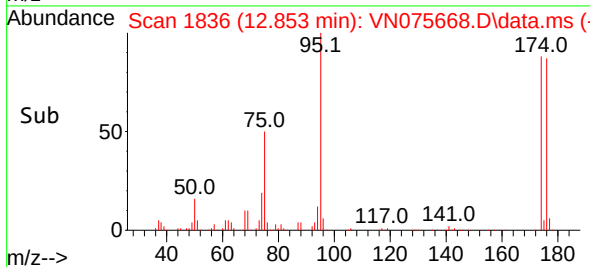
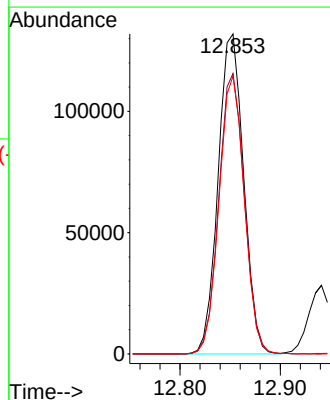
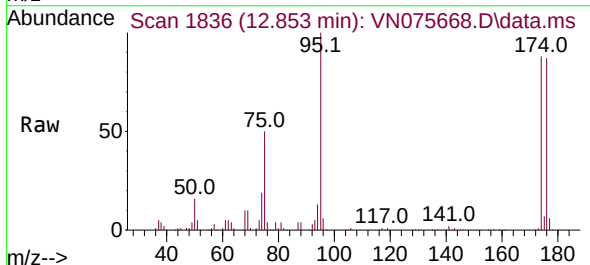
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

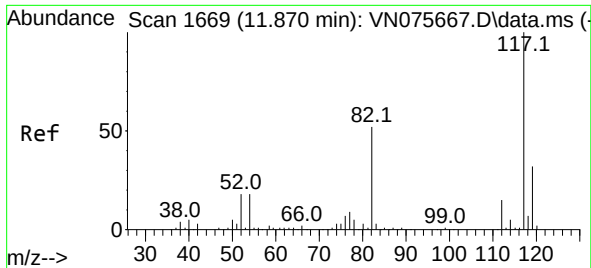
Tgt Ion:107 Resp: 191610
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 83.385 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 95 Resp: 232686
Ion Ratio Lower Upper
95 100
174 87.8 0.0 178.6
176 85.6 0.0 170.8

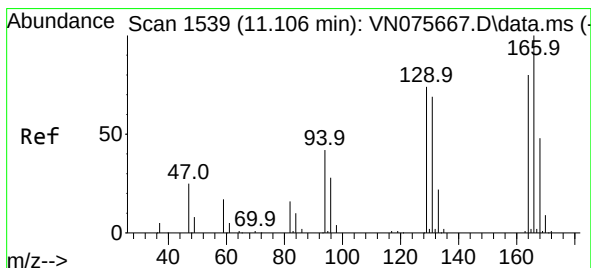
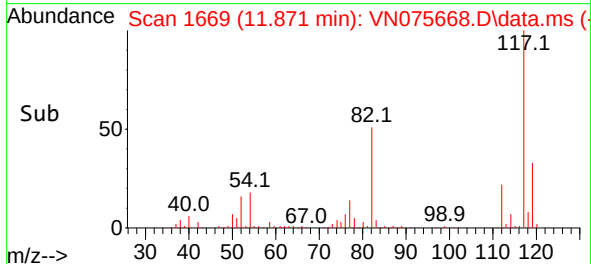
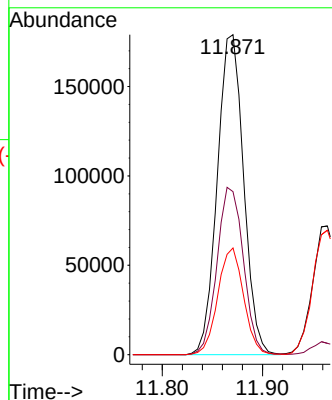
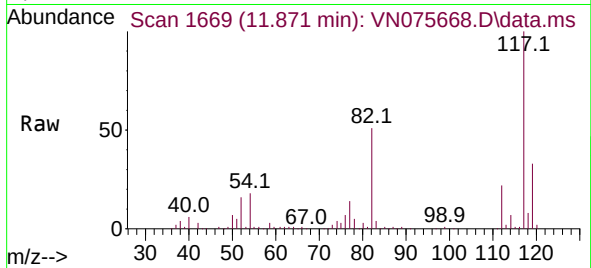




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

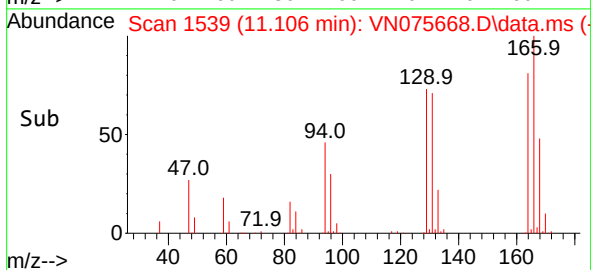
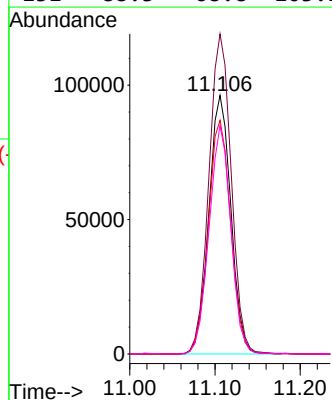
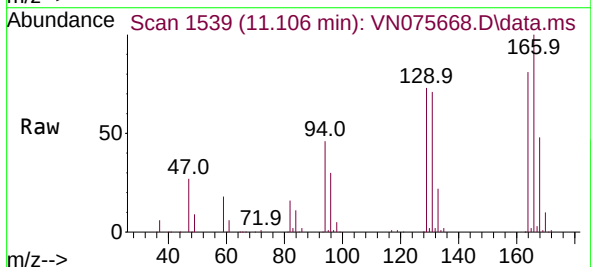
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

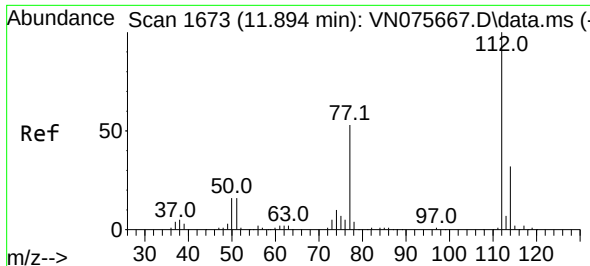
Tgt Ion:117 Resp: 326774
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.8
119 33.4 25.8 38.6



#64
Tetrachloroethene
Concen: 72.785 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:164 Resp: 173244
Ion Ratio Lower Upper
164 100
166 123.8 100.3 150.5
129 90.4 73.9 110.9
131 88.3 68.8 103.2

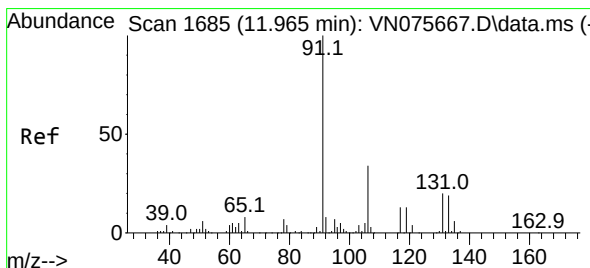
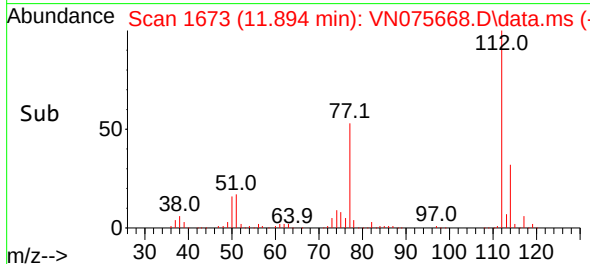
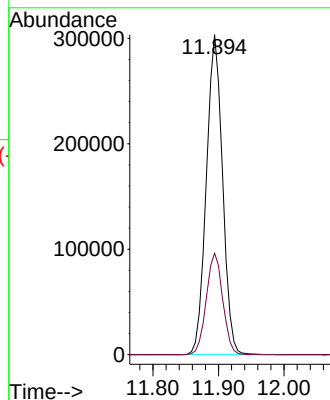
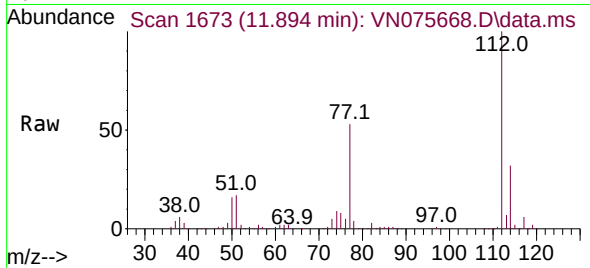




#65
Chlorobenzene
Concen: 77.627 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

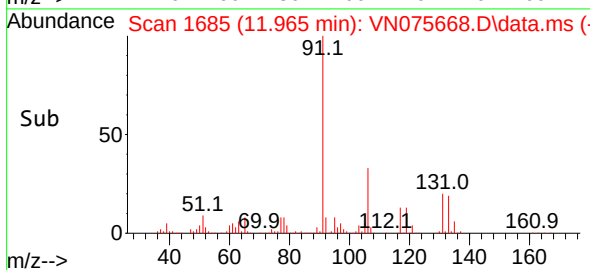
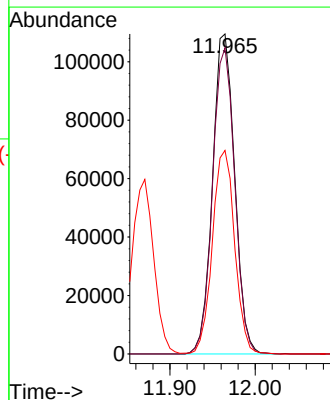
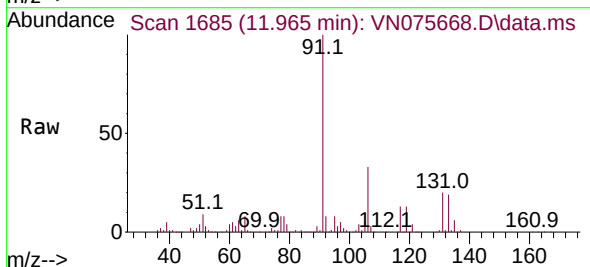
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

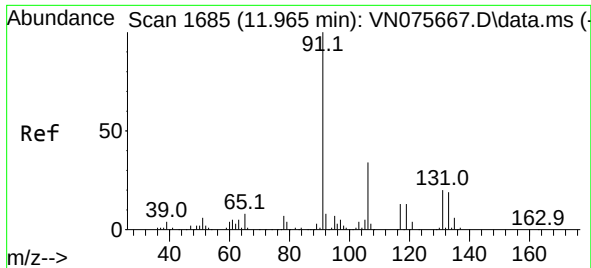
Tgt Ion:112 Resp: 521920
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 80.807 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:131 Resp: 197668
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 64.1 32.5 97.4

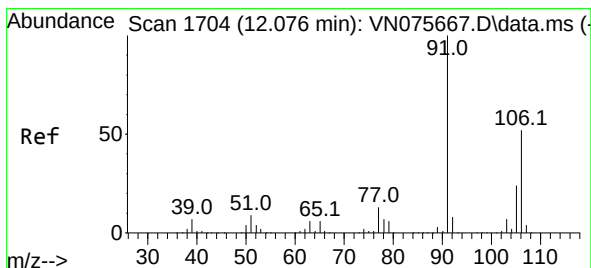
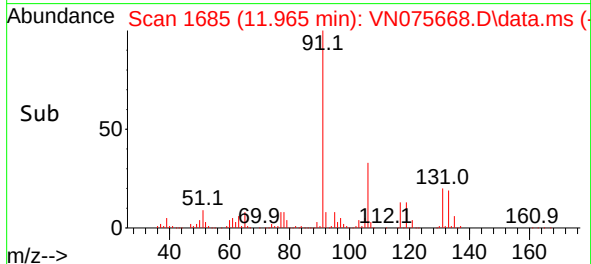
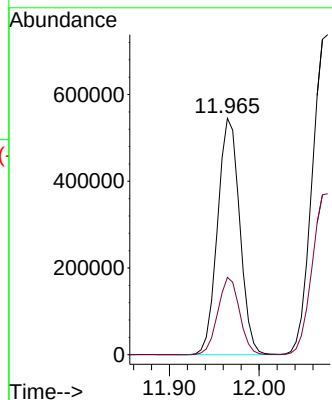
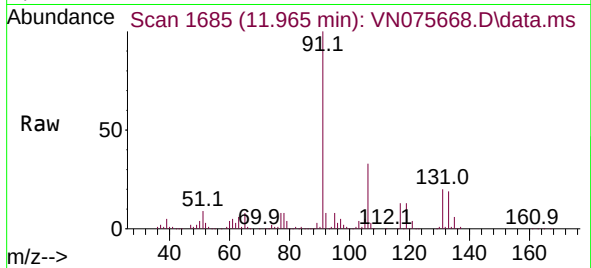




#67
Ethyl Benzene
Concen: 82.184 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

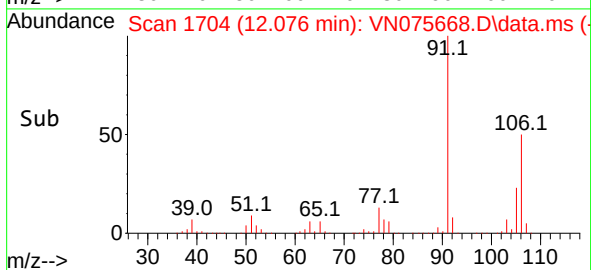
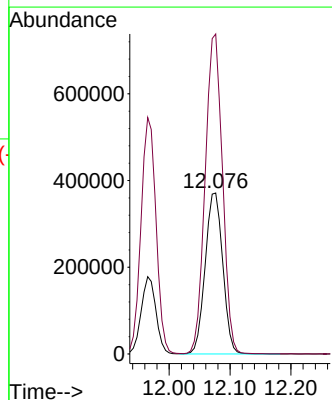
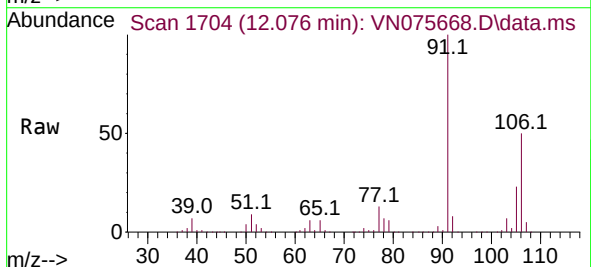
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

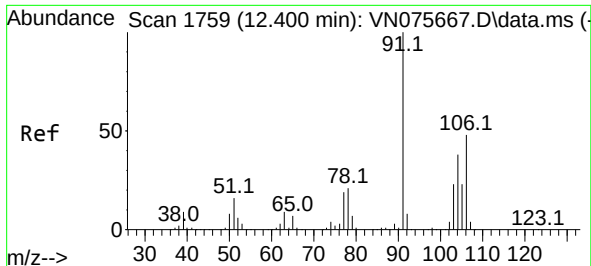
Tgt Ion: 91 Resp: 934765
Ion Ratio Lower Upper
91 100
106 32.7 26.9 40.3



#68
m/p-Xylenes
Concen: 161.741 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 106 Resp: 743332
Ion Ratio Lower Upper
106 100
91 196.1 156.2 234.4

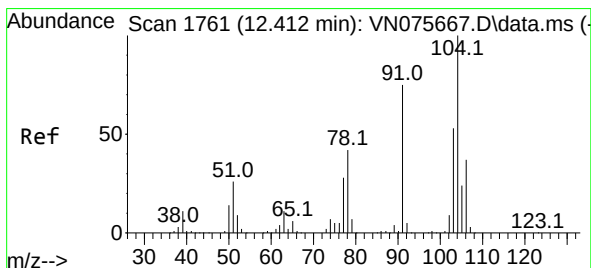
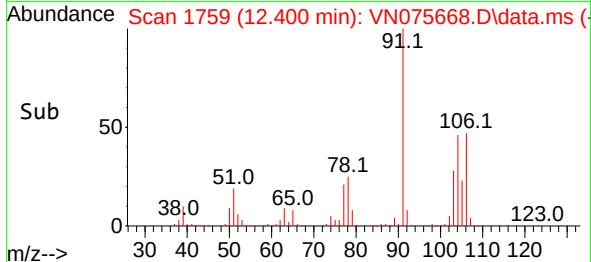
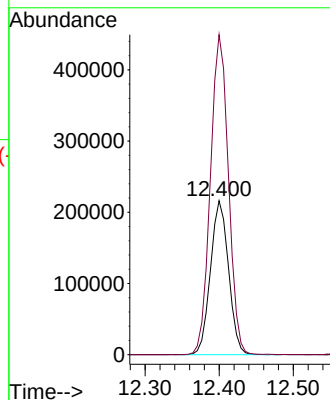
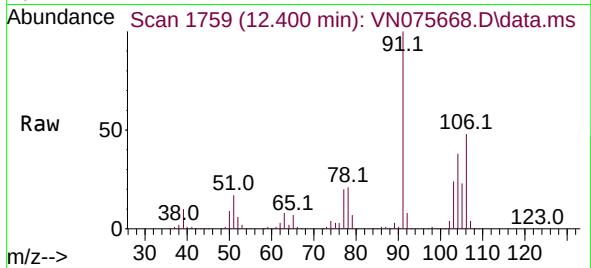




#69
o-Xylene
Concen: 82.137 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

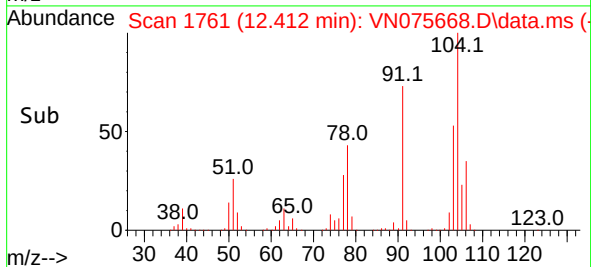
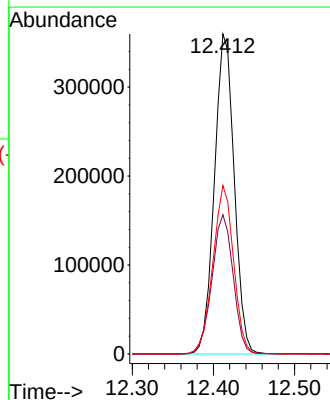
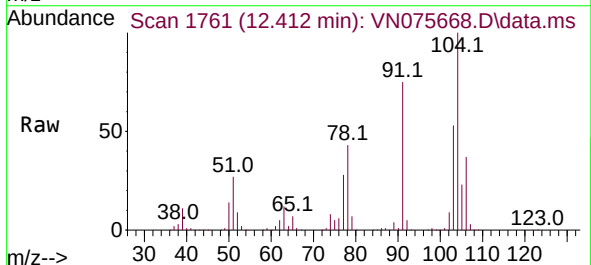
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

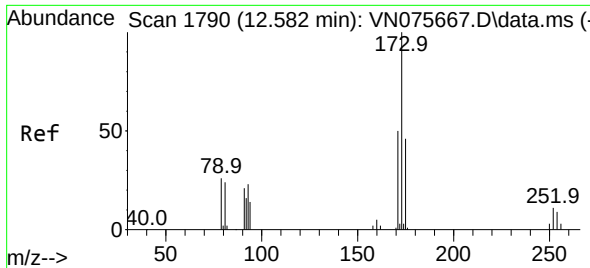
Tgt Ion:106 Resp: 366310
Ion Ratio Lower Upper
106 100
91 208.1 102.8 308.5



#70
Styrene
Concen: 85.273 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:104 Resp: 609939
Ion Ratio Lower Upper
104 100
78 46.6 36.7 55.1
103 55.0 44.0 66.0

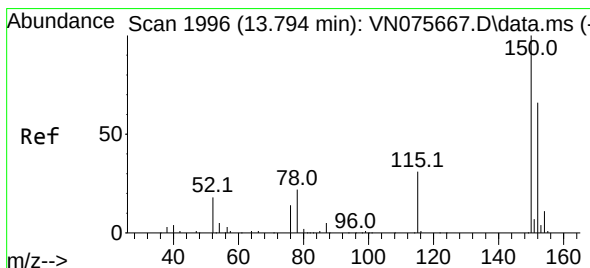
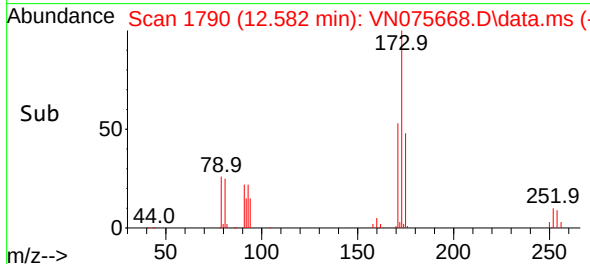
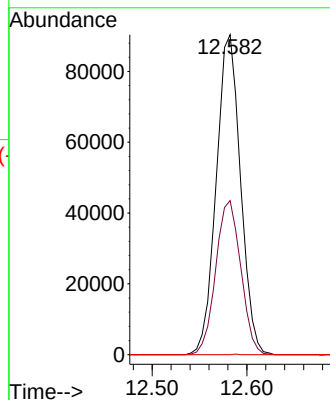
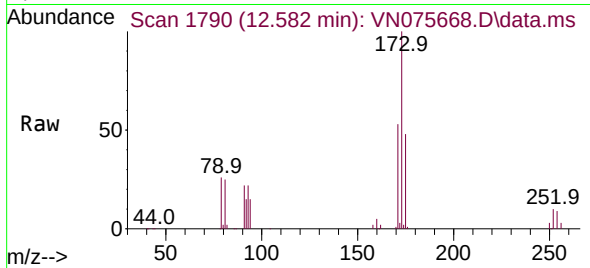




#71
Bromoform
Concen: 86.868 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

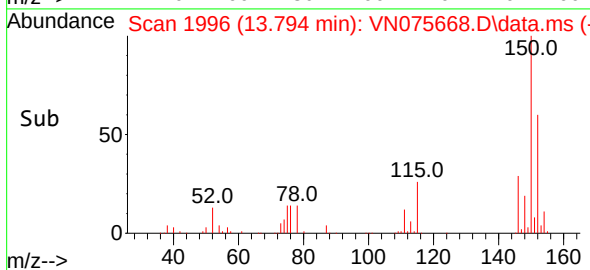
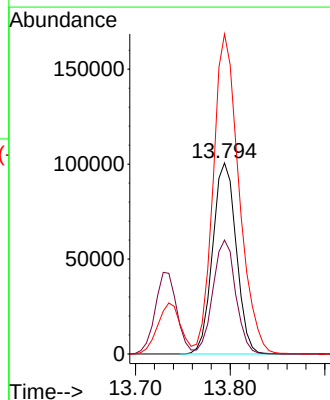
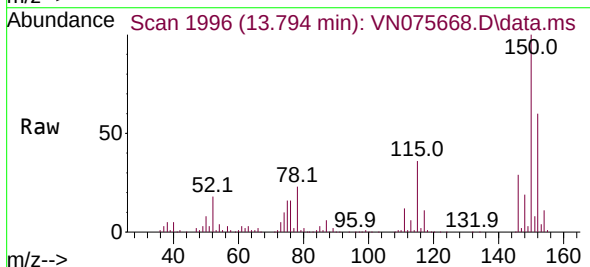
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

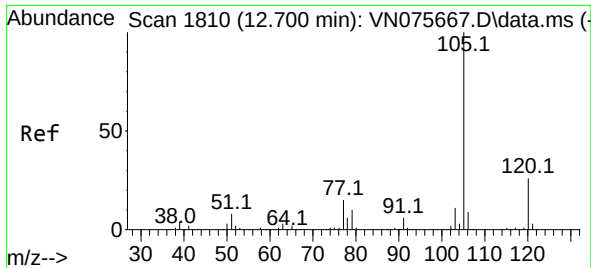
Tgt Ion:173 Resp: 161069
Ion Ratio Lower Upper
173 100
175 49.6 23.8 71.2
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:152 Resp: 173392
Ion Ratio Lower Upper
152 100
115 57.9 28.4 85.2
150 184.0 0.0 347.6

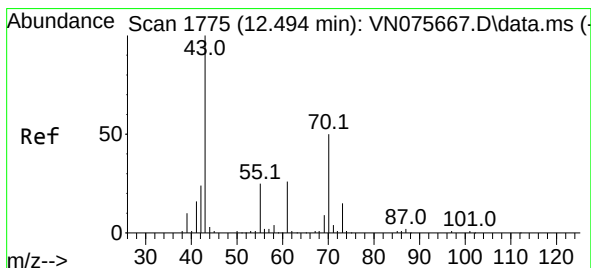
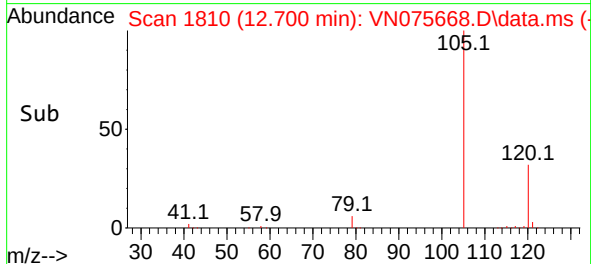
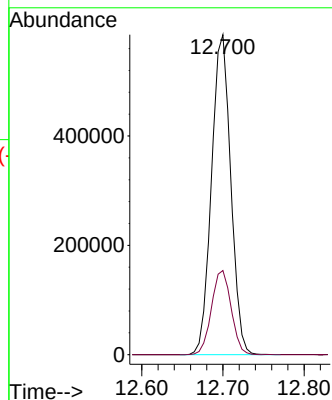
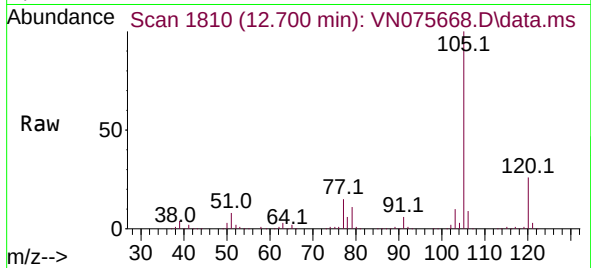




#73
Isopropylbenzene
Concen: 77.350 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

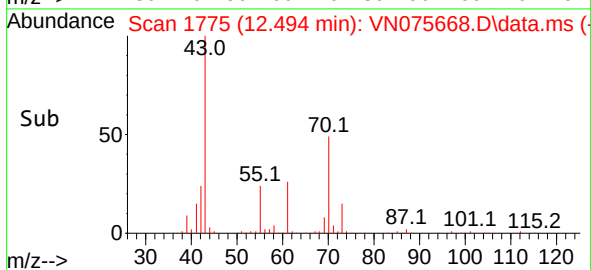
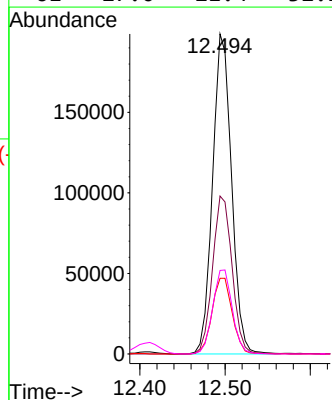
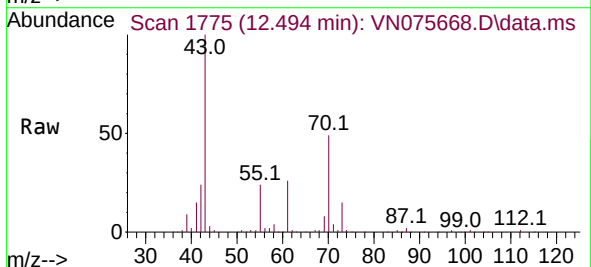
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

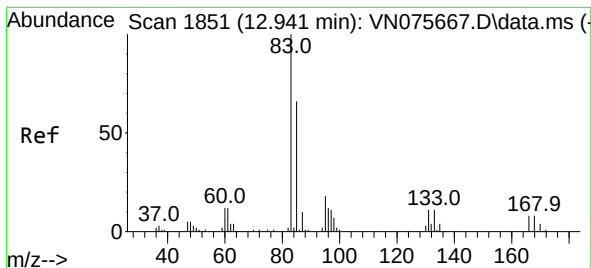
Tgt Ion:105 Resp: 963001
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 84.779 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 43 Resp: 306679
Ion Ratio Lower Upper
43 100
70 50.8 41.0 61.6
55 25.3 20.7 31.1
61 27.0 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 71.781 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

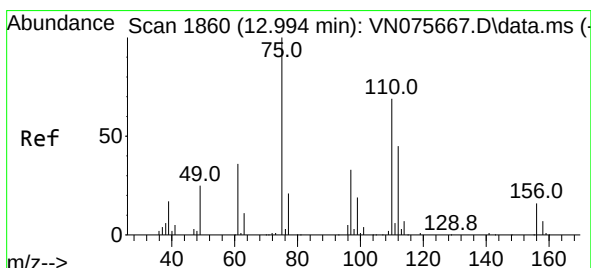
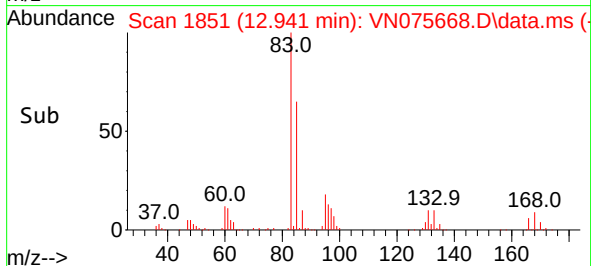
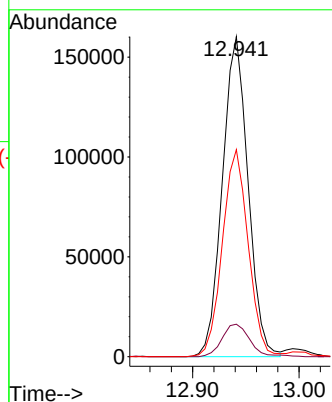
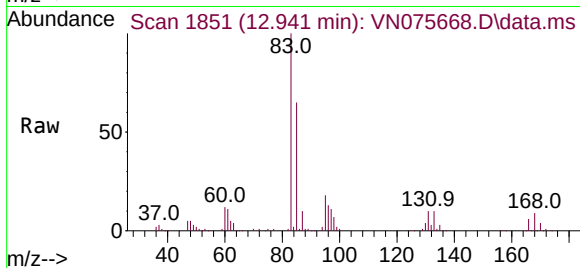
Tgt Ion: 83 Resp: 268451

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

85 64.9 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 95.117 ug/l

RT: 13.000 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VN075668.D

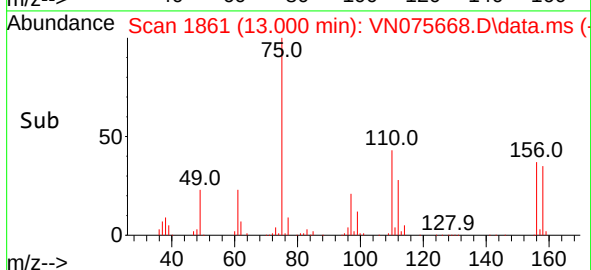
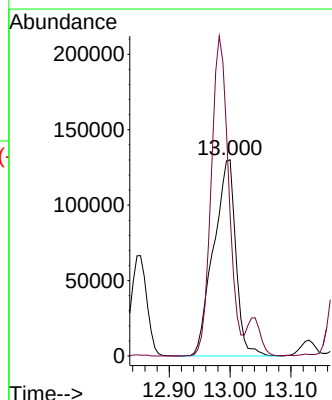
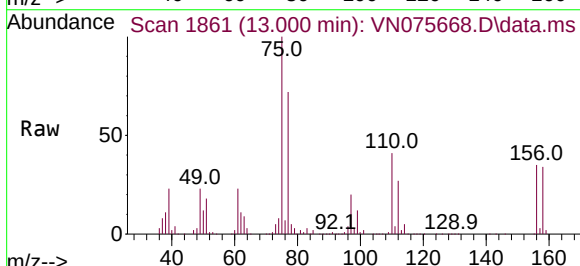
Acq: 09 Dec 2022 14:33

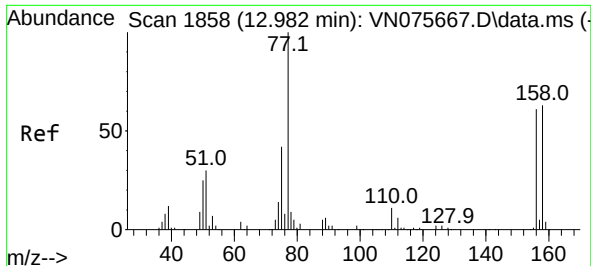
Tgt Ion: 75 Resp: 331211

Ion Ratio Lower Upper

75 100

77 128.4 81.8 245.4

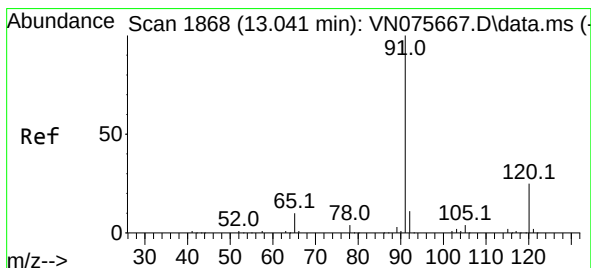
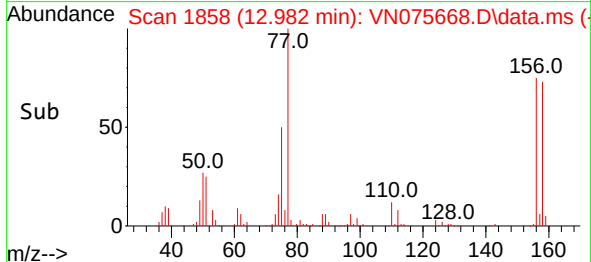
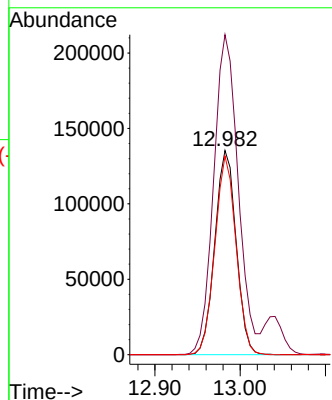
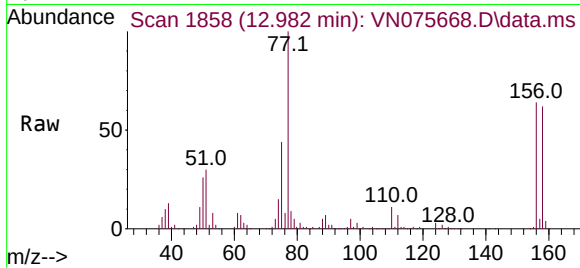




#77
Bromobenzene
Concen: 75.040 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

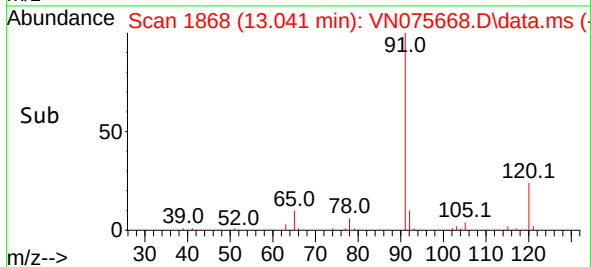
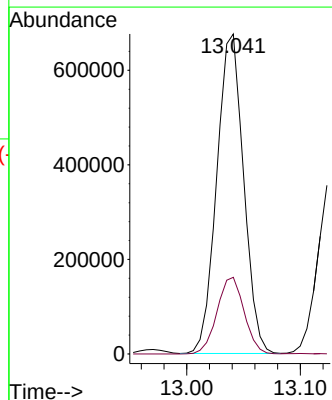
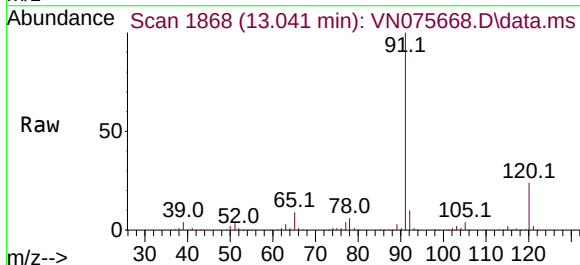
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

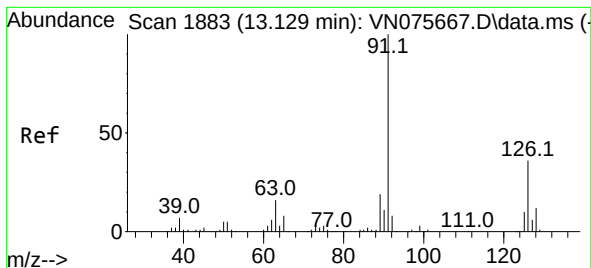
Tgt Ion:156 Resp: 234942
Ion Ratio Lower Upper
156 100
77 180.9 90.8 272.5
158 96.5 49.3 147.8



#78
n-propylbenzene
Concen: 80.355 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 91 Resp: 1110107
Ion Ratio Lower Upper
91 100
120 24.2 12.1 36.3





#79

2-Chlorotoluene

Concen: 75.918 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

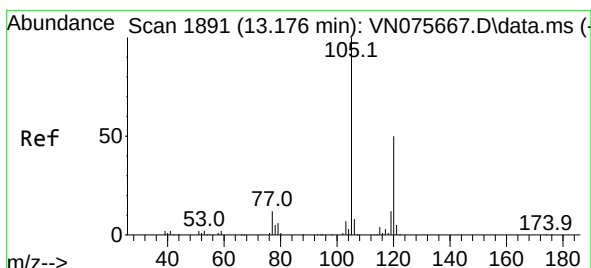
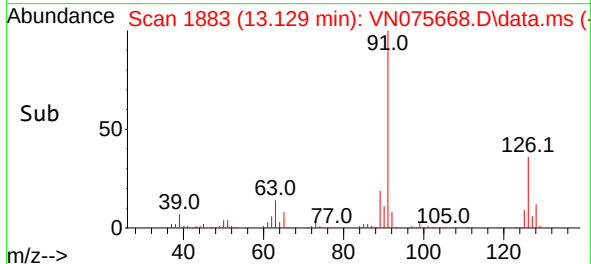
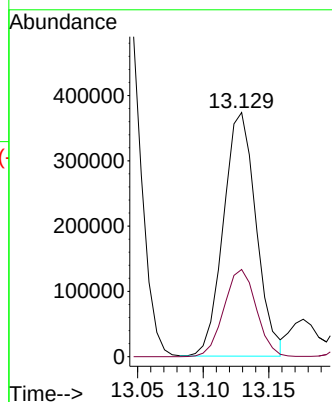
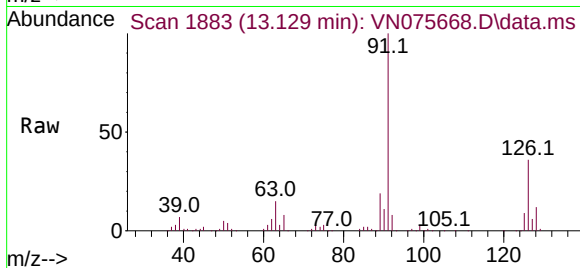
VSTDICC075

Tgt Ion: 91 Resp: 647507

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 80.530 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075668.D

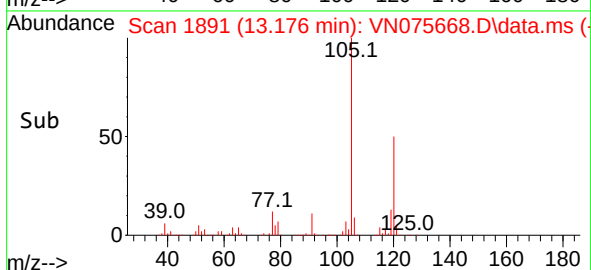
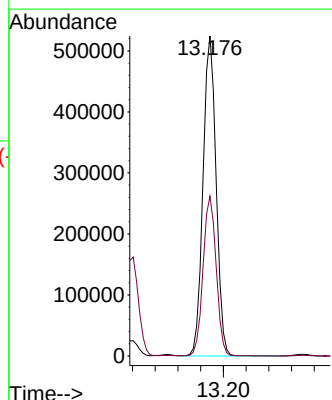
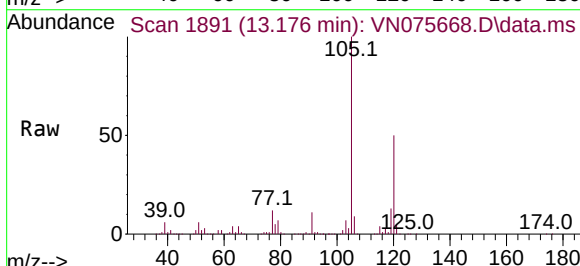
Acq: 09 Dec 2022 14:33

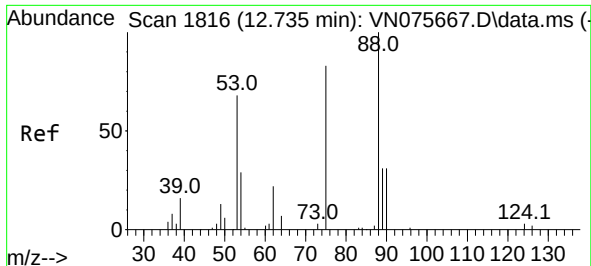
Tgt Ion: 105 Resp: 838214

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.6

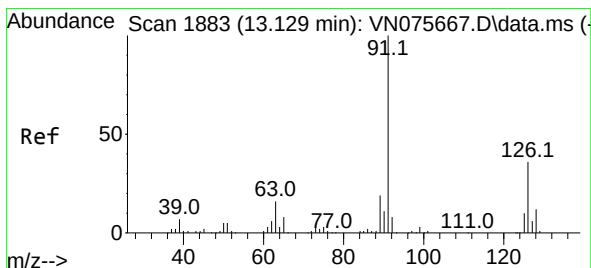
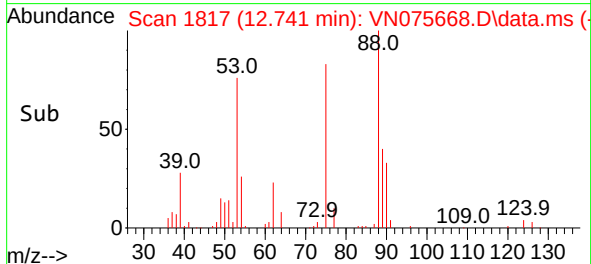
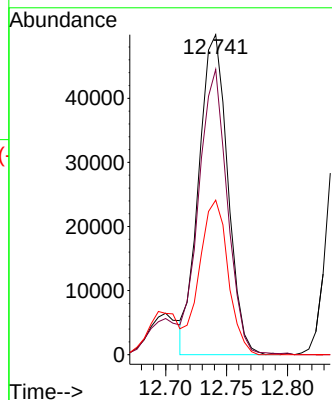
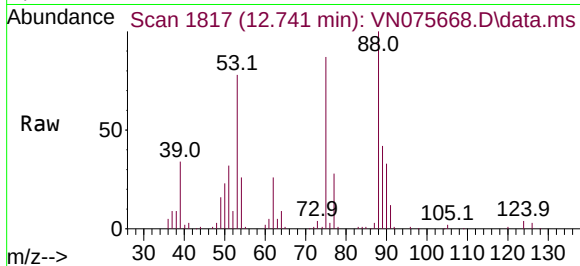




#81
trans-1,4-Dichloro-2-butene
Concen: 75.896 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

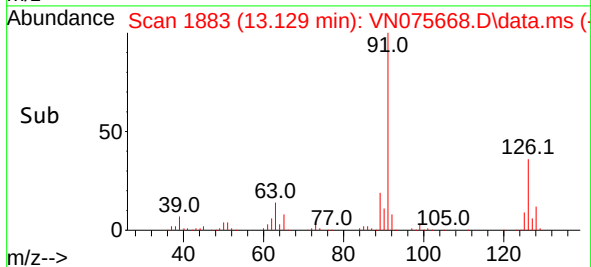
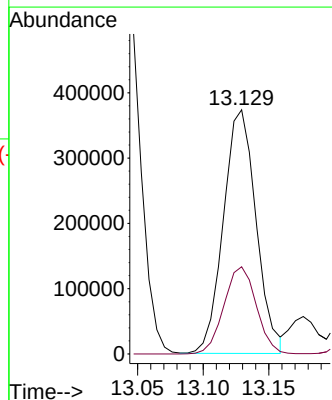
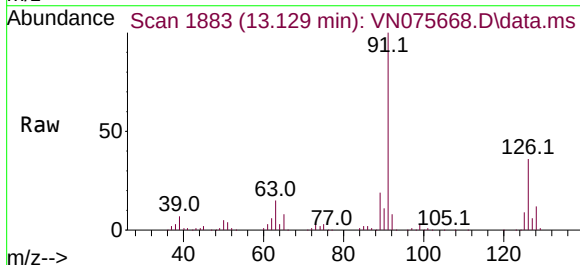
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

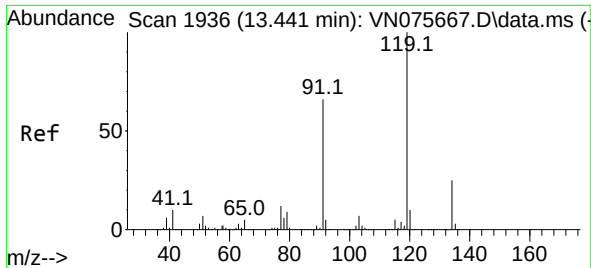
Tgt Ion: 75 Resp: 82686
Ion Ratio Lower Upper
75 100
53 99.9 72.4 108.6
89 48.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 75.918 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 91 Resp: 647507
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.4

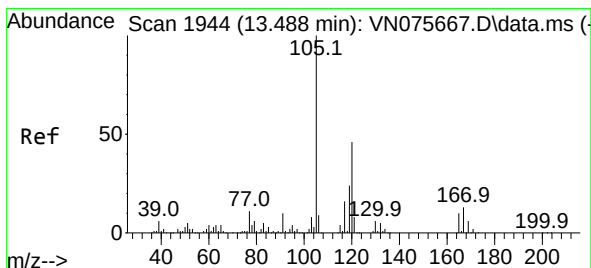
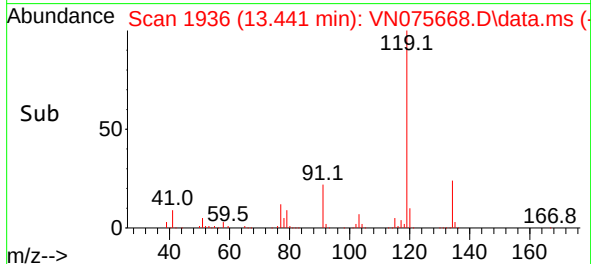
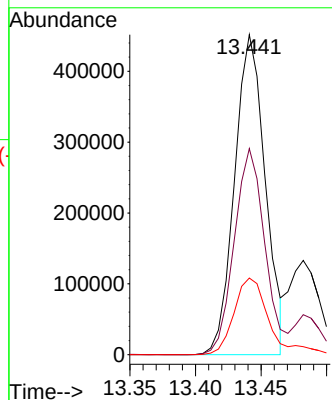
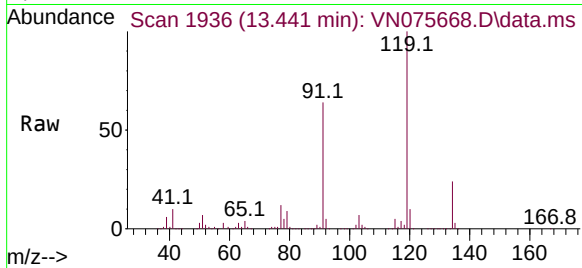




#83
tert-Butylbenzene
Concen: 77.948 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

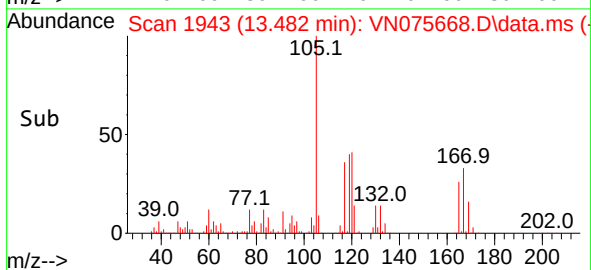
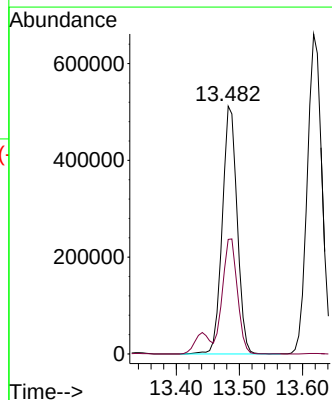
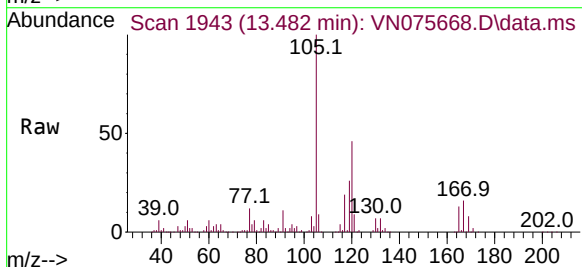
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

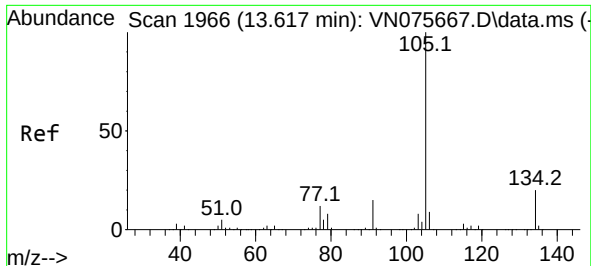
Tgt Ion:119 Resp: 735758
Ion Ratio Lower Upper
119 100
91 64.6 31.9 95.9
134 27.3 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 80.220 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:105 Resp: 839219
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2

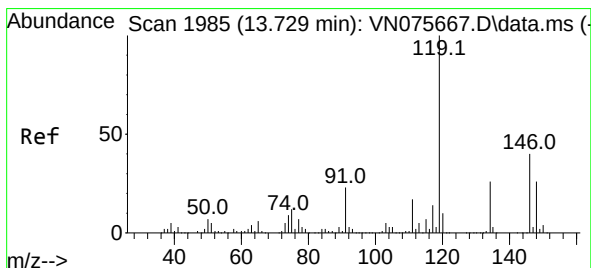
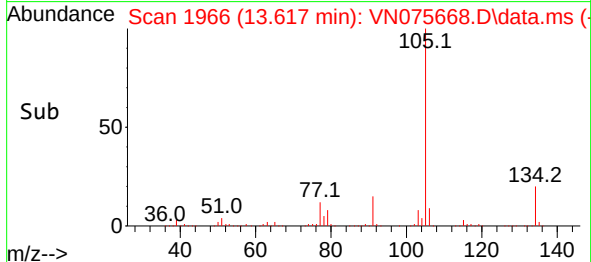
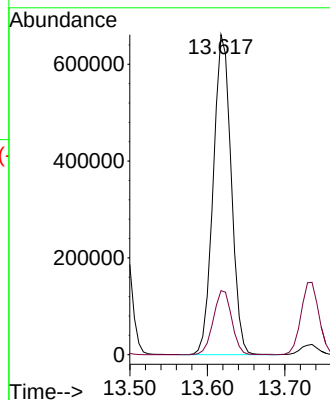
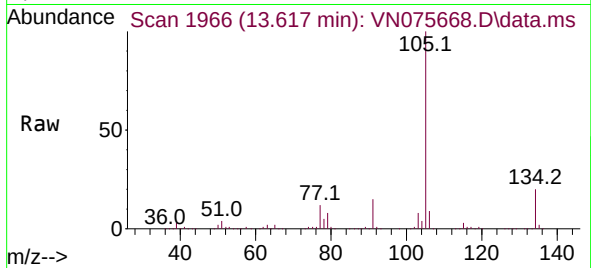




#85
 sec-Butylbenzene
 Concen: 81.890 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

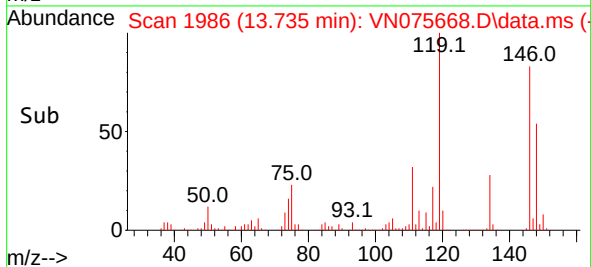
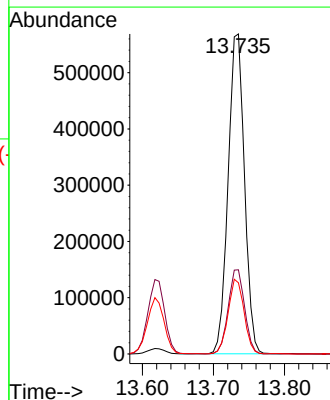
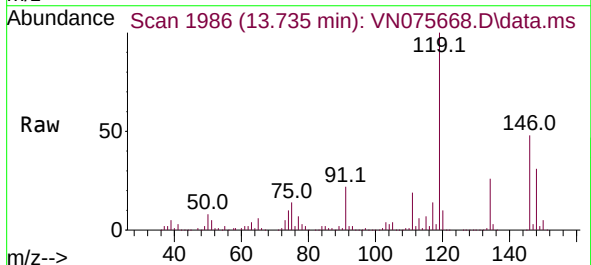
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

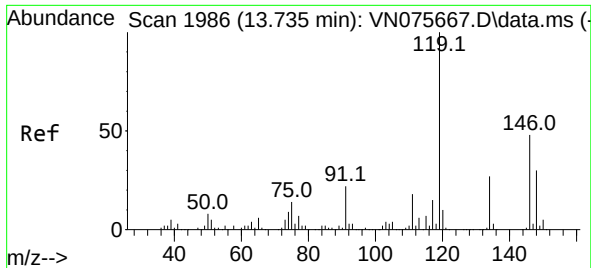
Tgt Ion:105 Resp: 1062646
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 83.814 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

Tgt Ion:119 Resp: 910022
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.8 11.4 34.1

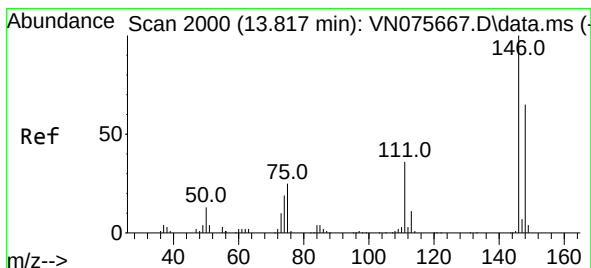
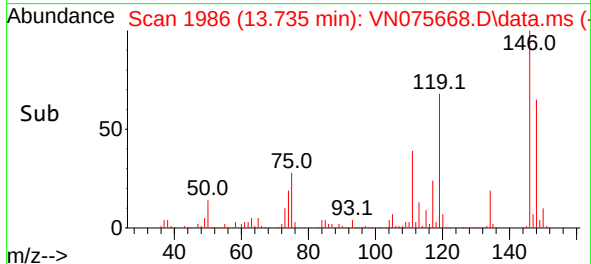
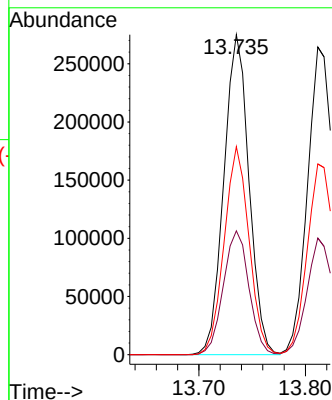
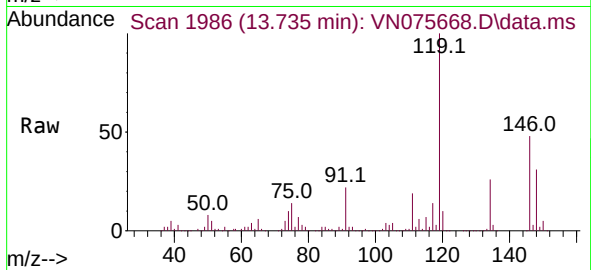




#87
 1,3-Dichlorobenzene
 Concen: 77.087 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

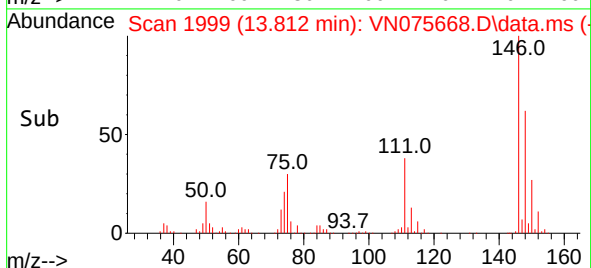
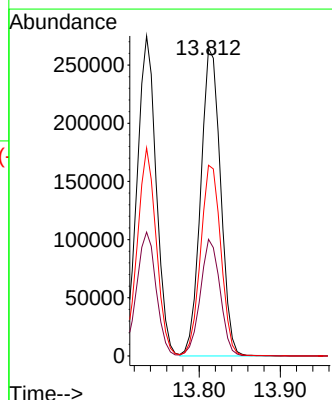
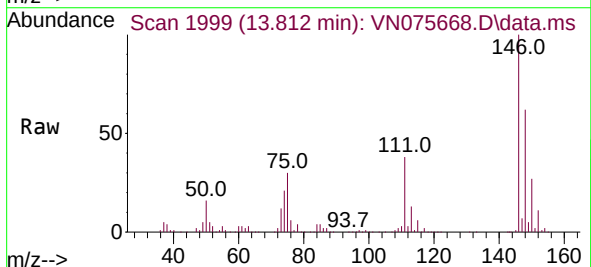
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

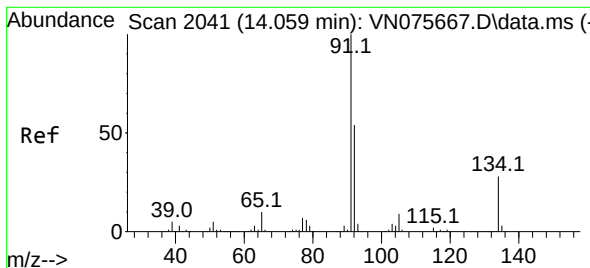
Tgt Ion:146 Resp: 451362
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.3
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 75.461 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

Tgt Ion:146 Resp: 449431
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 63.5 32.1 96.3





#89

n-Butylbenzene

Concen: 87.224 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

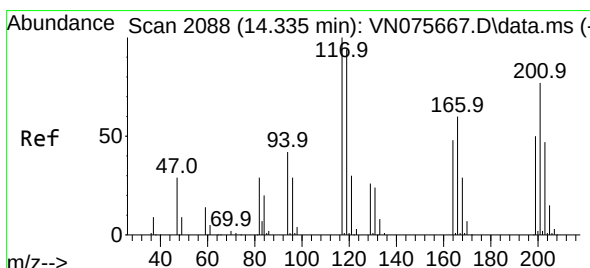
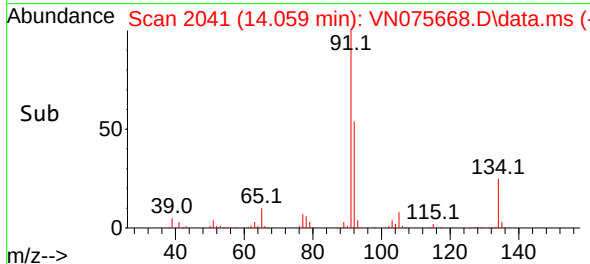
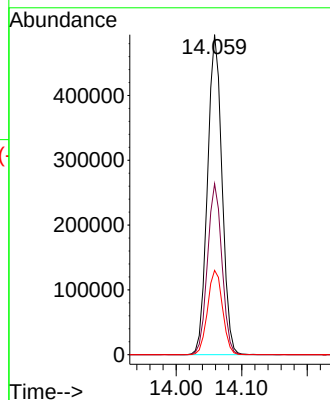
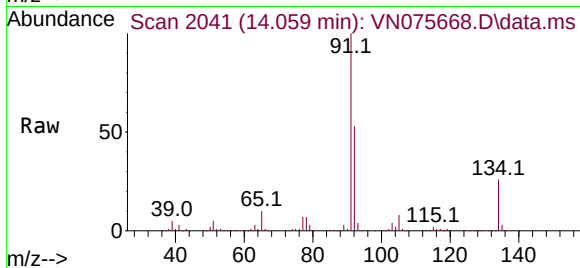
Tgt Ion: 91 Resp: 759062

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.1

134 27.2 13.9 41.7



#90

Hexachloroethane

Concen: 84.451 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075668.D

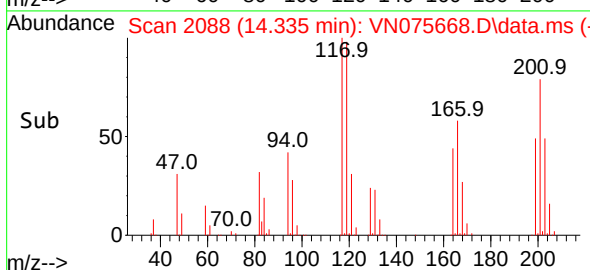
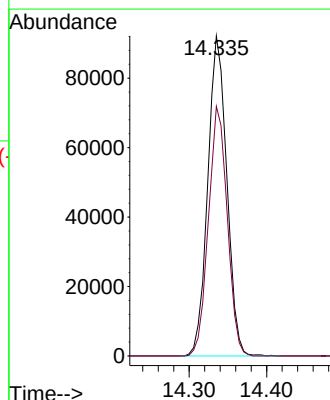
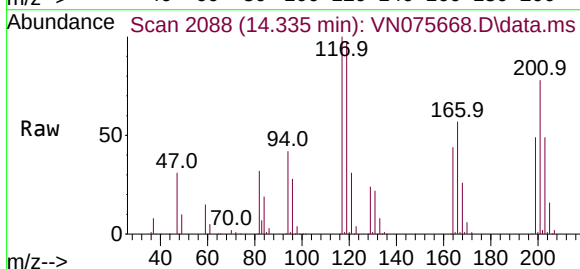
Acq: 09 Dec 2022 14:33

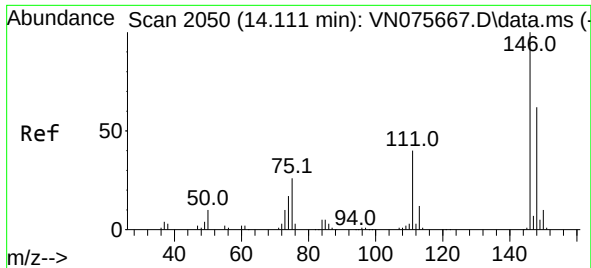
Tgt Ion: 117 Resp: 157061

Ion Ratio Lower Upper

117 100

201 77.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 75.805 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

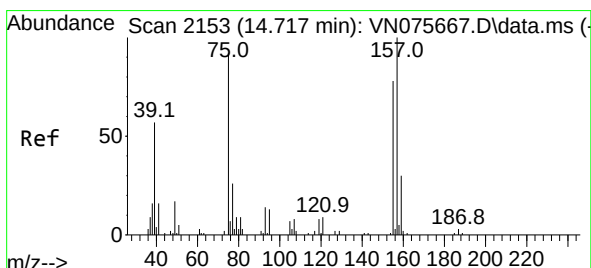
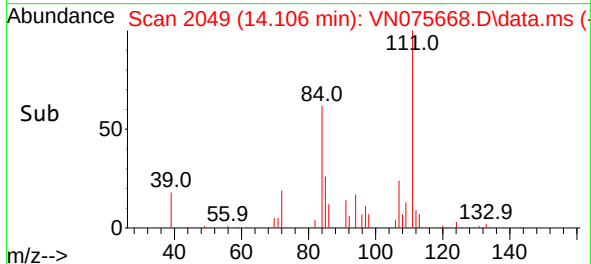
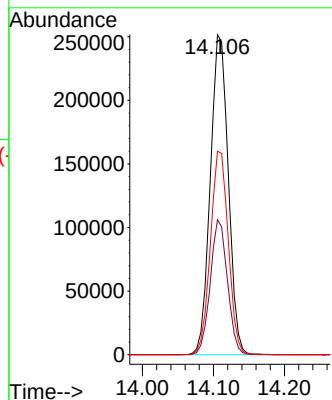
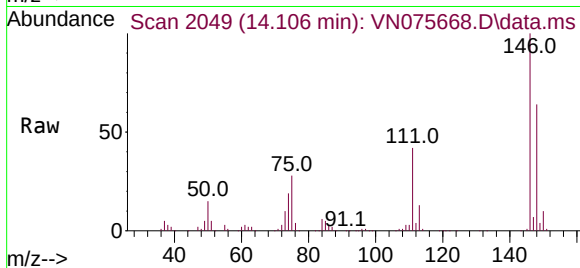
Tgt Ion:146 Resp: 441667

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.3

148 63.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 82.777 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

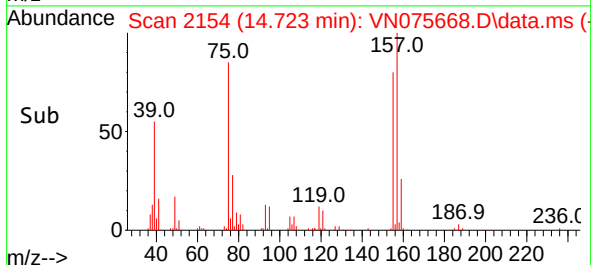
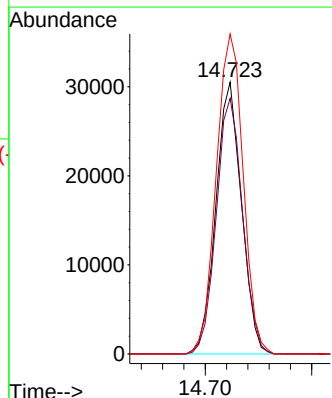
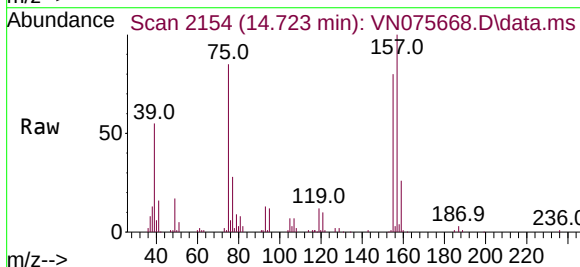
Tgt Ion: 75 Resp: 50870

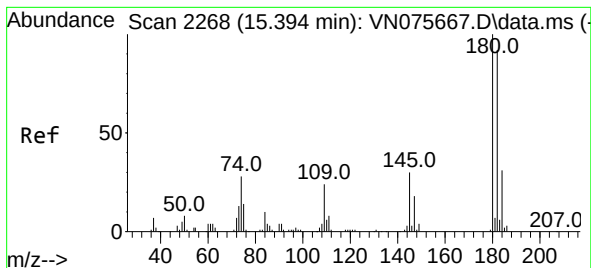
Ion Ratio Lower Upper

75 100

155 96.2 48.4 145.2

157 123.8 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 85.765 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

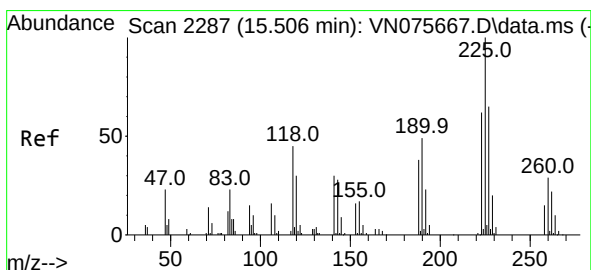
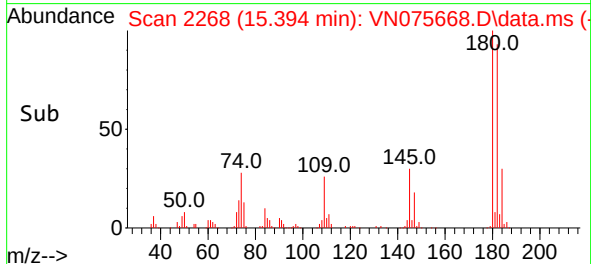
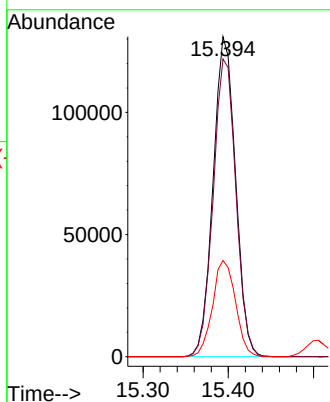
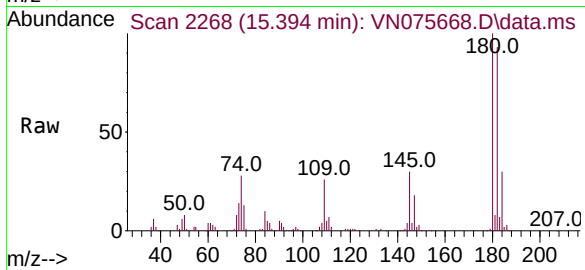
Tgt Ion:180 Resp: 239908

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 30.7 15.2 45.5



#94

Hexachlorobutadiene

Concen: 78.006 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

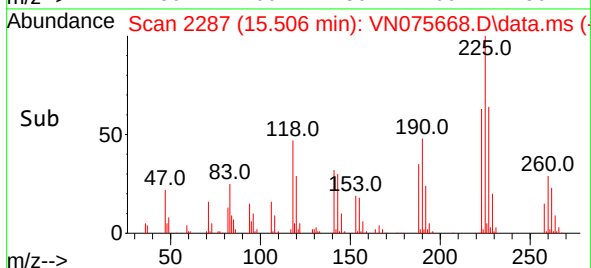
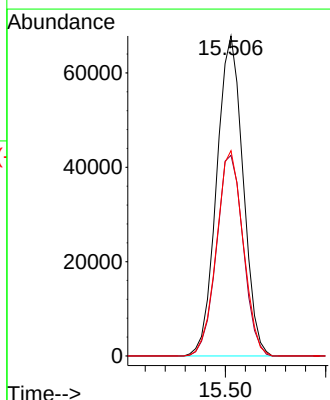
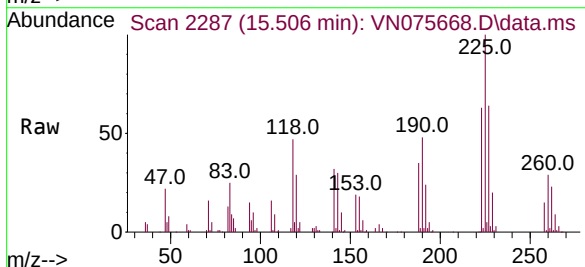
Tgt Ion:225 Resp: 123803

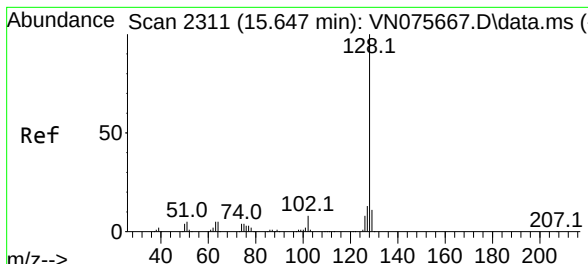
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.2

227 64.7 31.3 93.9

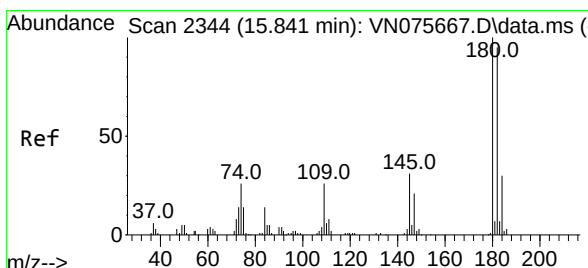
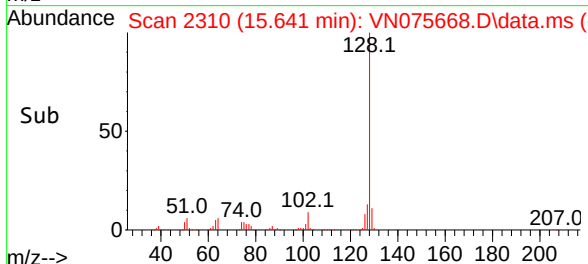
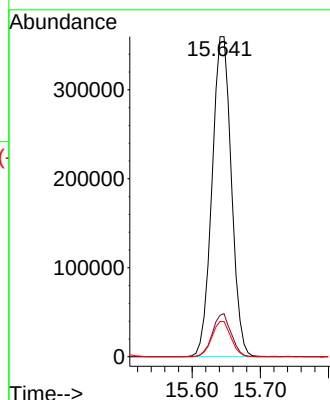
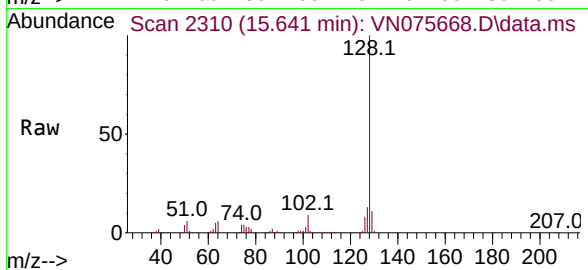




#95
Naphthalene
Concen: 85.895 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:128	Resp: 710133
Ion Ratio	Lower Upper
128 100	
127 13.0	10.2 15.4
129 10.9	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 83.416 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:180	Resp: 229279
Ion Ratio	Lower Upper
180 100	
182 95.3	46.8 140.4
145 32.1	15.6 46.8

