

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075003.D
 Acq On : 25 Oct 2022 10:58
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 27 09:53:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 09:52:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	13666	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	79511	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	72570	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	40706	32.577	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 108.600%		
60) 4-Bromofluorobenzene	12.853	95	38425	26.948	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 89.833%		
63) Toluene-d8	10.570	98	123273	30.372	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 101.233%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	3791	5.698	ug/l	99
3) Chloromethane	2.377	50	5423	6.197	ug/l	91
4) Vinyl Chloride	2.524	62	8456	6.390	ug/l	98
5) Bromomethane	2.930	94	7265	6.944	ug/l	100
6) Chloroethane	3.118	64	6691	6.555	ug/l	97
7) Trichlorofluoromethane	3.506	101	8599m	6.058	ug/l	
8) Diethyl Ether	3.983	74	3566	6.090	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	5064	6.067	ug/l #	54
10) 1,1-Dichloroethene	4.353	96	4872	6.223	ug/l #	74
11) Methyl Iodide	4.594	142	7070	5.788	ug/l	90
12) Methyl Acetate	5.041	43	8342	6.290	ug/l	97
13) Acrolein	4.189	56	4767	29.345	ug/l #	46
14) Acrylonitrile	5.735	53	15581	28.434	ug/l	68
15) Acetone	4.447	58	4227m	27.503	ug/l	
16) Carbon Disulfide	4.724	76	9822	5.698	ug/l #	88
17) Allyl chloride	5.041	41	5647	5.383	ug/l	73
18) Methylene Chloride	5.288	84	5892	6.007	ug/l	89
19) trans-1,2-Dichloroethene	5.794	96	4869m	5.594	ug/l	
20) Diisopropyl ether	6.677	45	14919	5.479	ug/l #	97
21) 1,1-Dichloroethane	6.582	63	9537m	5.639	ug/l	
22) cis-1,2-Dichloroethene	7.494	96	6010	5.464	ug/l #	83
23) tert-Butyl Alcohol	5.541	59	7672	30.245	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	17649	5.511	ug/l	94
25) Chloroform	7.971	83	10150	5.433	ug/l	96
26) Cyclohexane	8.265	56	7402	5.448	ug/l #	91
29) 1,1-Dichloropropene	8.371	75	6963	5.105	ug/l	96
30) 2-Butanone	7.488	43	20717	26.351	ug/l #	85
31) 2,2-Dichloropropane	7.500	77	8436	5.064	ug/l	95
32) 1,1,1-Trichloroethane	8.182	97	8543	4.837	ug/l	98
33) Carbon Tetrachloride	8.371	117	7795	5.012	ug/l	90
34) Benzene	8.606	78	21363	5.124	ug/l #	77
35) Methacrylonitrile	7.782	41	3690	4.897	ug/l	81
36) 1,2-Dichloroethane	8.676	62	8089	5.236	ug/l #	88
37) Trichloroethene	9.359	130	5338	5.152	ug/l	82
38) Methylcyclohexane	9.606	83	8494	5.023	ug/l	98
39) 1,2-Dichloropropane	9.623	63	5376	5.122	ug/l #	88
40) Dibromomethane	9.706	93	4118m	5.171	ug/l	
41) Bromodichloromethane	9.894	83	7657	4.939	ug/l	94
42) Vinyl Acetate	6.618	43	54245	24.495	ug/l	97

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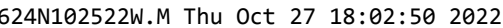
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 ClientSampleId :
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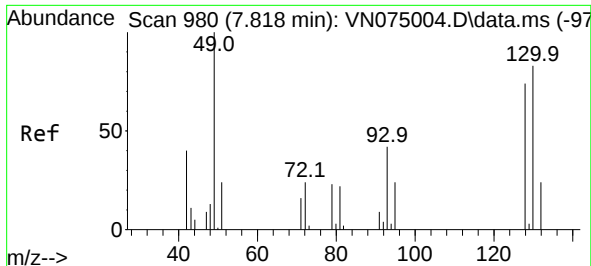
Quant Time: Oct 27 09:53:22 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	8866	5.706	ug/l #	90
44) Isopropyl Acetate	8.688	43	13286	5.331	ug/l	96
45) 1,4-Dioxane	9.694	88	3337	108.780	ug/l	96
46) Methyl methacrylate	9.682	41	5859	5.240	ug/l	83
47) n-amyl Acetate	12.500	43	8917	4.165	ug/l	92
48) t-1,3-Dichloropropene	10.841	75	7780	4.593	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	8539	4.797	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	5747	4.926	ug/l	97
51) Ethyl methacrylate	10.870	69	8273	4.551	ug/l	86
52) 1,3-Dichloropropane	11.170	76	9926	5.087	ug/l	99
53) Dibromochloromethane	11.359	129	5471	4.336	ug/l	97
54) 1,2-Dibromoethane	11.476	107	5710	4.731	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	17805	23.975	ug/l	99
56) Bromoform	12.582	173	3528	3.808	ug/l #	96
58) 4-Methyl-2-Pentanone	10.453	43	42079	26.882	ug/l	95
59) 2-Hexanone	11.200	43	31325	26.087	ug/l	98
61) Tetrachloroethene	11.106	164	4431	5.490	ug/l #	89
62) Toluene	10.635	91	23761	5.057	ug/l	96
64) Chlorobenzene	11.894	112	14562	5.001	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.964	131	5181	4.658	ug/l	89
66) Ethyl Benzene	11.970	91	25357	4.789	ug/l	100
67) m/p-Xylenes	12.076	106	19547	9.204	ug/l	98
68) o-Xylene	12.400	106	9888	4.632	ug/l	94
69) Styrene	12.417	104	15604	4.470	ug/l	96
70) Isopropylbenzene	12.700	105	25096	4.512	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	9059	5.000	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	8122m	5.357	ug/l	
73) Bromobenzene	12.988	156	5763	4.655	ug/l	92
74) n-propylbenzene	13.041	91	27533	4.421	ug/l	97
75) 2-Chlorotoluene	13.129	91	17595	4.670	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	20507	4.349	ug/l	94
77) t-1,4-Dichloro-2-butene	12.741	75	2134	3.718	ug/l	82
78) 4-Chlorotoluene	13.223	91	16239	4.342	ug/l	98
79) tert-butylbenzene	13.441	119	18540	4.407	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	21241	4.438	ug/l #	81
81) sec-Butylbenzene	13.617	105	25356	5.075	ug/l	97
82) p-Isopropyltoluene	13.735	119	20354	4.080	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	10438	4.263	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	10174	4.307	ug/l	97
85) n-Butylbenzene	14.058	91	15698	3.923	ug/l	99
86) Hexachloroethane	14.341	117	4061	4.392	ug/l	94
87) 1,2-Dichlorobenzene	14.111	146	10757	4.442	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	1564	4.107	ug/l	96
89) 1,2,4-Trichlorobenzene	15.400	180	4175	3.903	ug/l	93
90) Hexachlorobutadiene	15.505	225	2245	4.564	ug/l	97
91) Naphthalene	15.641	128	17593	4.150	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	4572	4.223	ug/l	97

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

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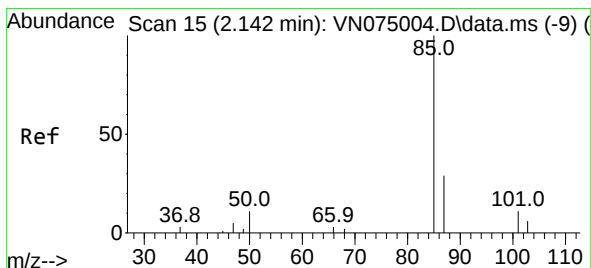
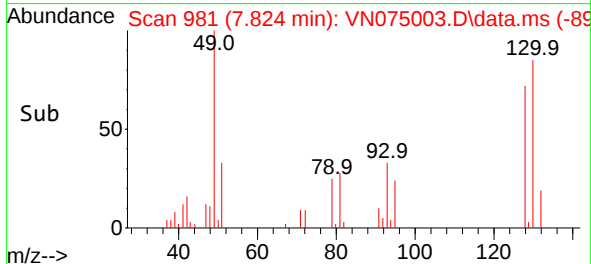
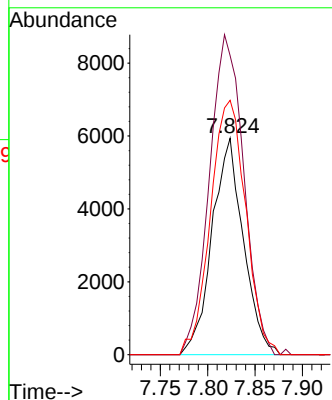
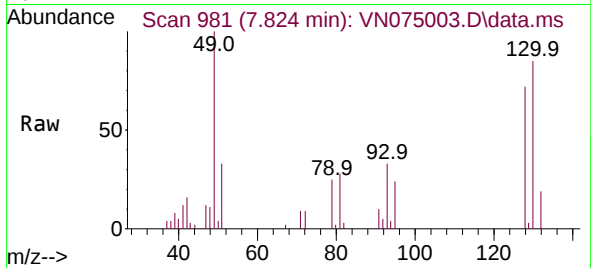




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

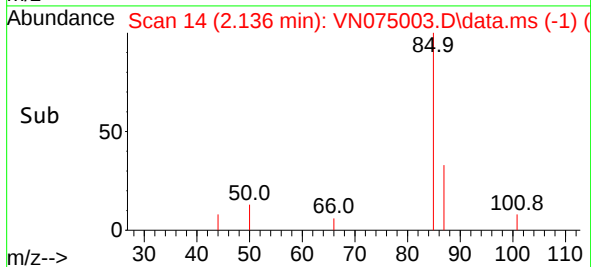
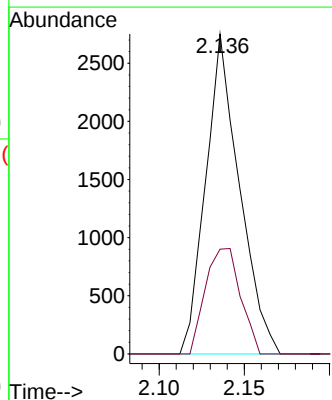
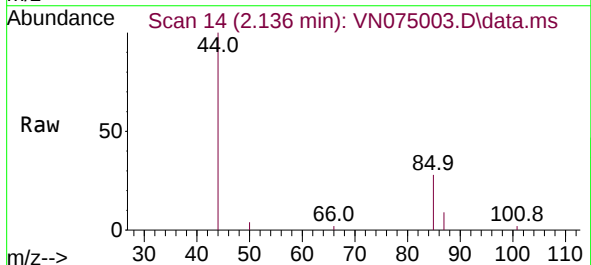
Instrument :
MSVOA_N
ClientSampleId :
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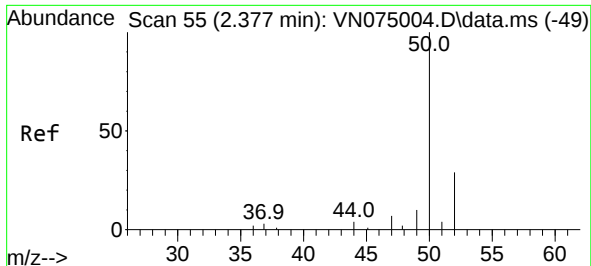
Tgt Ion:128 Resp: 13666
Ion Ratio Lower Upper
128 100
49 161.8 0.0 392.3
130 132.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 5.698 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 85 Resp: 3791
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7

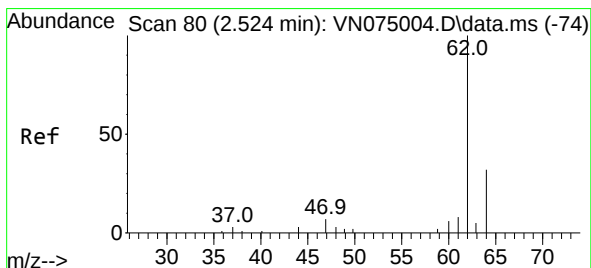
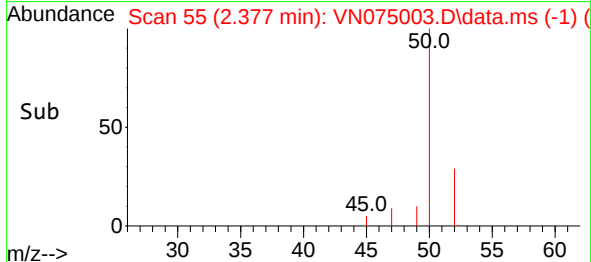
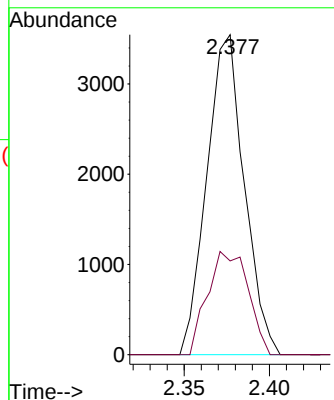
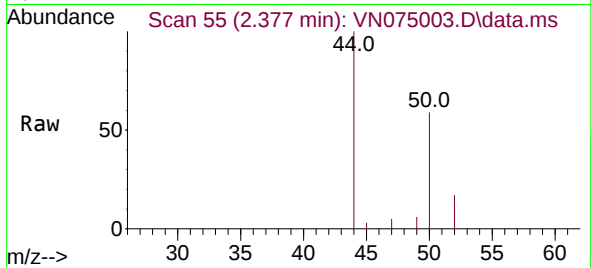




#3
Chloromethane
Concen: 6.197 ug/l
RT: 2.377 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

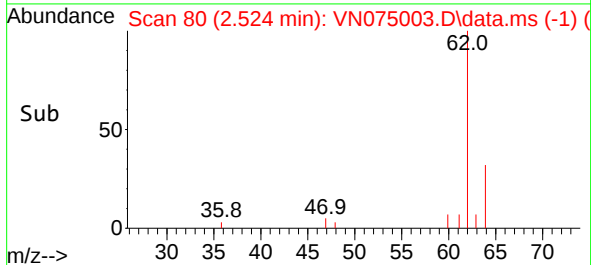
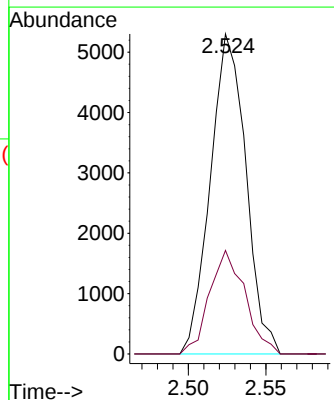
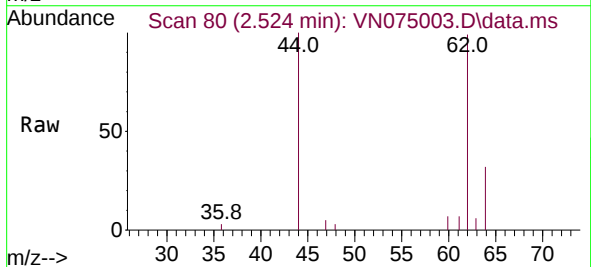
Instrument :
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ClientSampleId :
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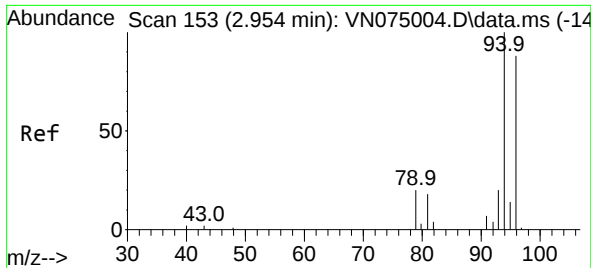
Tgt Ion: 50 Resp: 5423
Ion Ratio Lower Upper
50 100
52 29.3 27.8 41.6



#4
Vinyl Chloride
Concen: 6.390 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 62 Resp: 8456
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7

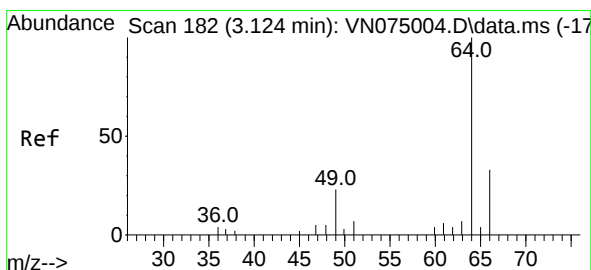
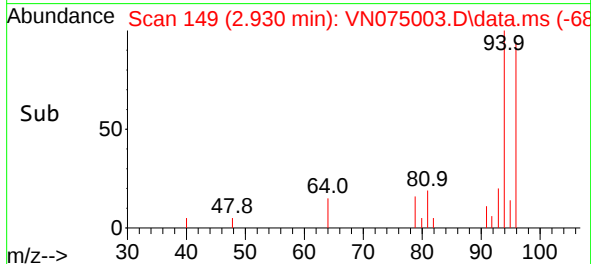
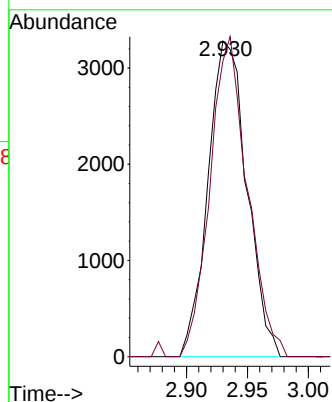
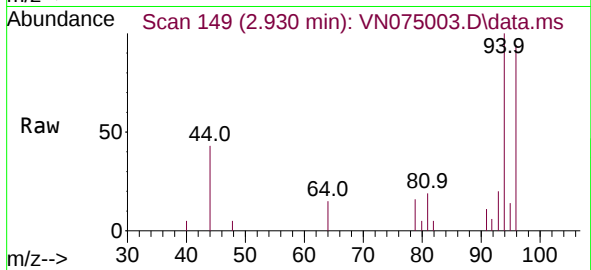




#5
Bromomethane
Concen: 6.944 ug/l
RT: 2.930 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

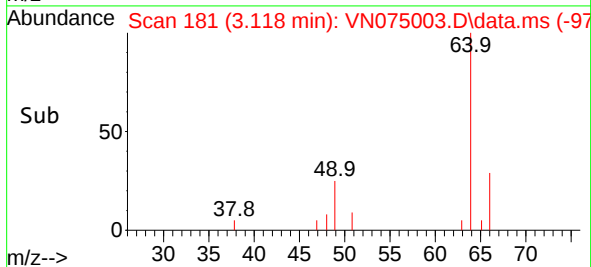
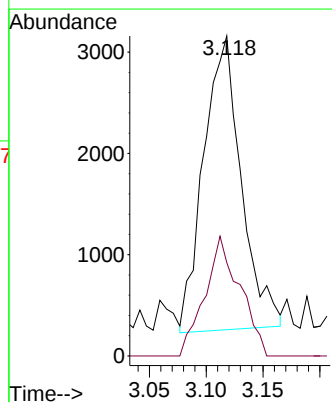
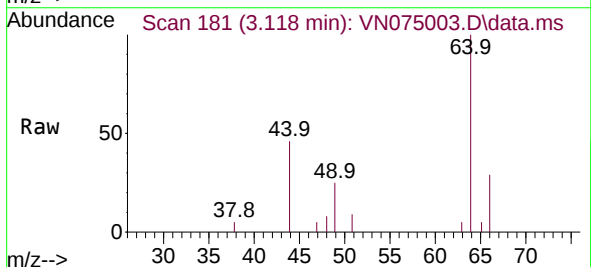
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ClientSampleId :
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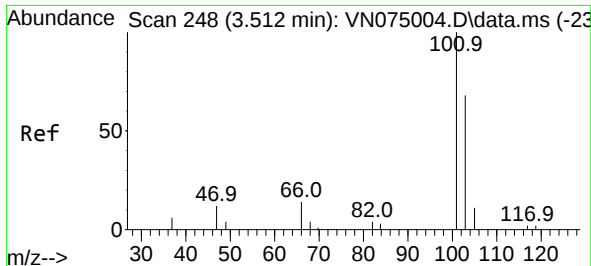
Tgt Ion: 94 Resp: 7265
Ion Ratio Lower Upper
94 100
96 93.7 75.2 112.8



#6
Chloroethane
Concen: 6.555 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 64 Resp: 6691
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8

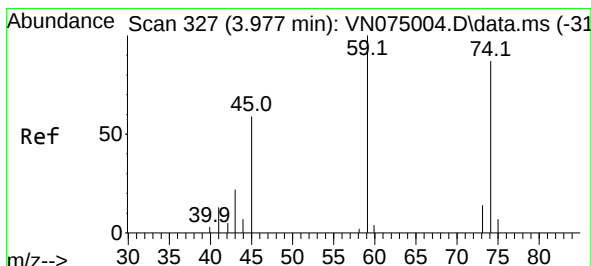
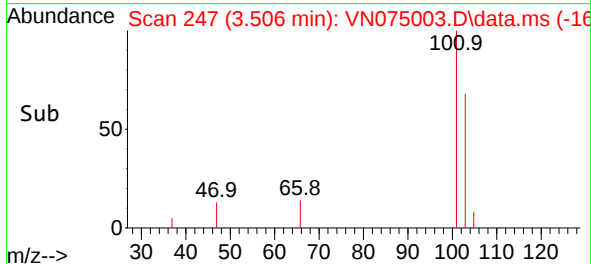
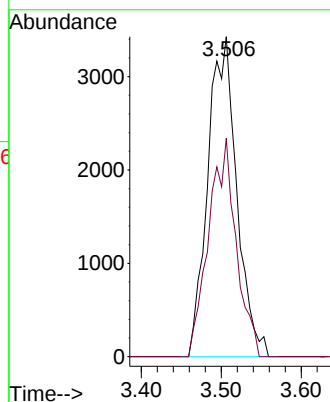
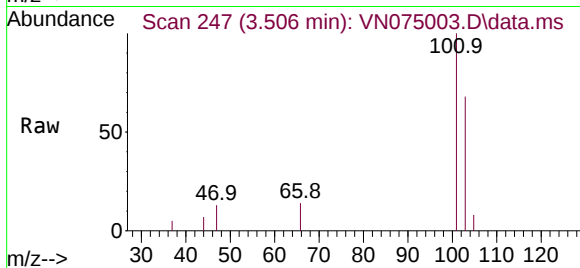




#7
 Trichlorofluoromethane
 Concen: 6.058 ug/l m
 RT: 3.506 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: VN075003.D
 Acq: 25 Oct 2022 10:58

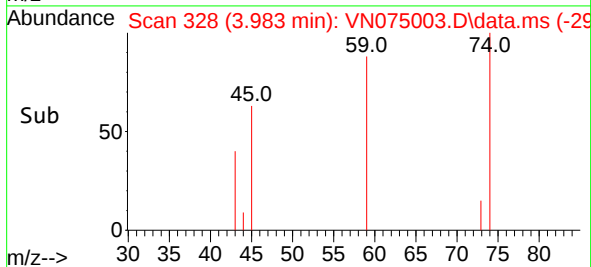
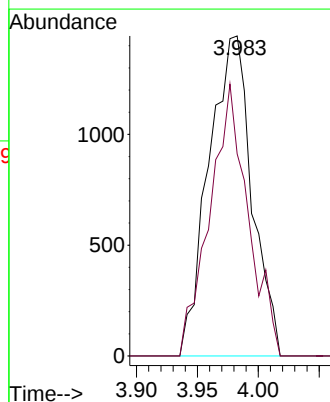
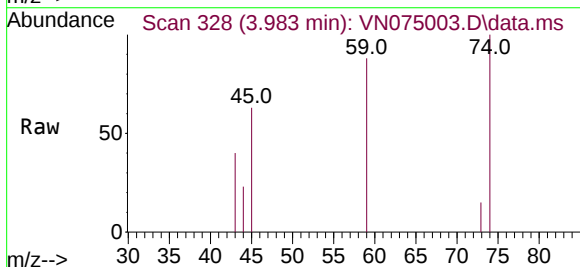
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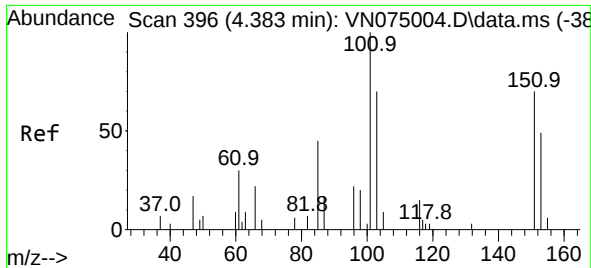
Tgt Ion:101 Resp: 8599
 Ion Ratio Lower Upper
 101 100
 103 68.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 6.090 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN075003.D
 Acq: 25 Oct 2022 10:58

Tgt Ion: 74 Resp: 3566
 Ion Ratio Lower Upper
 74 100
 45 75.3 17.6 158.8

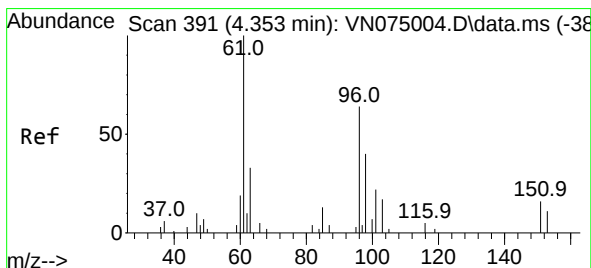
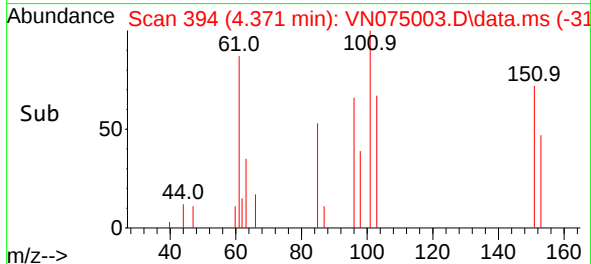
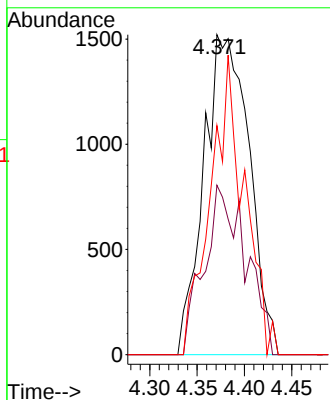
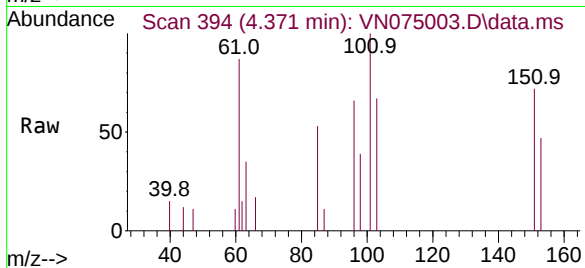




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.067 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

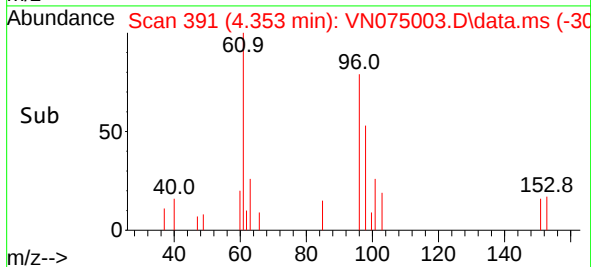
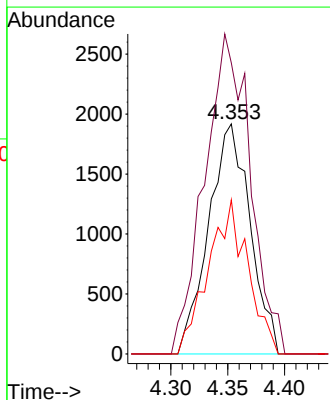
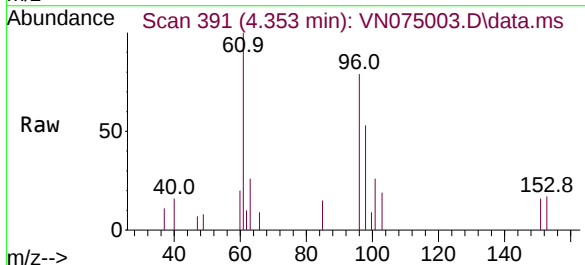
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ClientSampleId :
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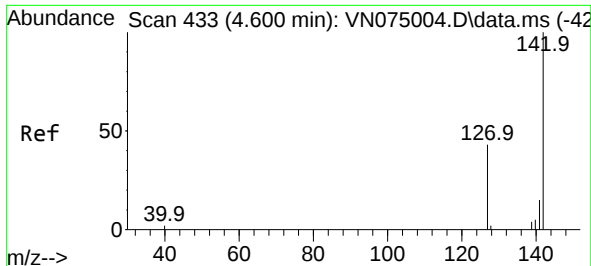
Tgt Ion:101 Resp: 5064
Ion Ratio Lower Upper
101 100
85 25.5 0.0 94.0
151 0.0 0.0 74.6



#10
1,1-Dichloroethene
Concen: 6.223 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 96 Resp: 4872
Ion Ratio Lower Upper
96 100
61 112.8 126.2 189.4#
98 67.0 50.9 76.3

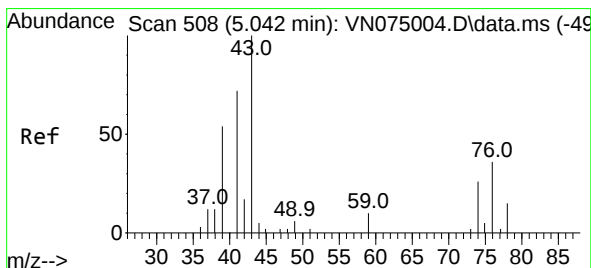
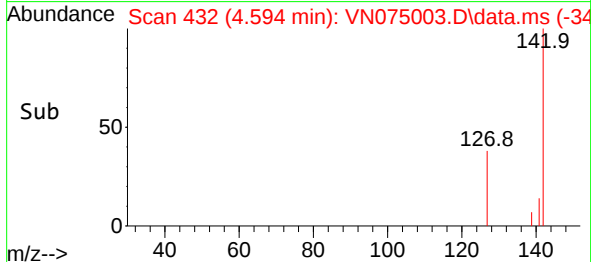
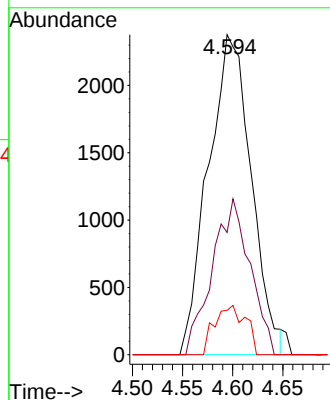
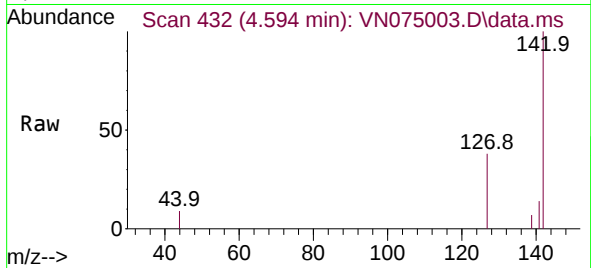




#11
Methyl Iodide
Concen: 5.788 ug/l
RT: 4.594 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

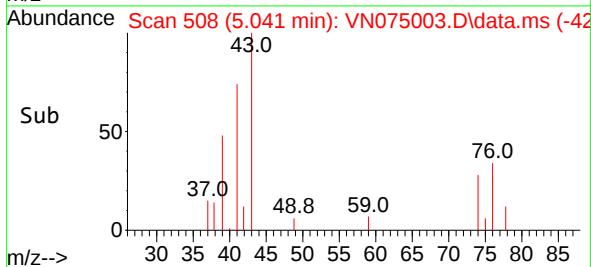
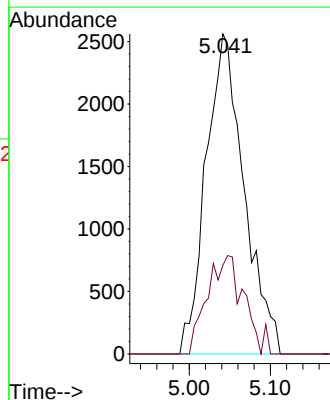
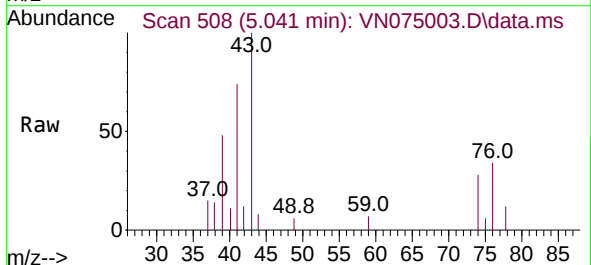
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

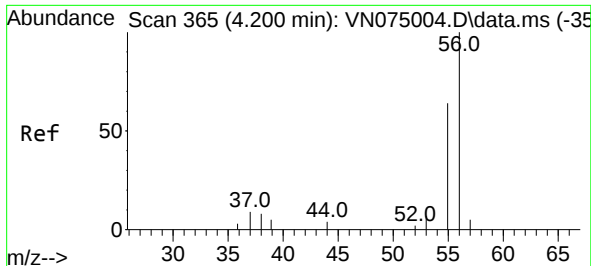
Tgt Ion:142 Resp: 7070
Ion Ratio Lower Upper
142 100
127 39.8 24.0 72.0
141 14.4 8.4 25.2



#12
Methyl Acetate
Concen: 6.290 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 43 Resp: 8342
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2

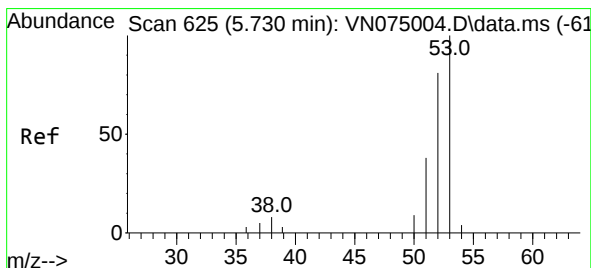
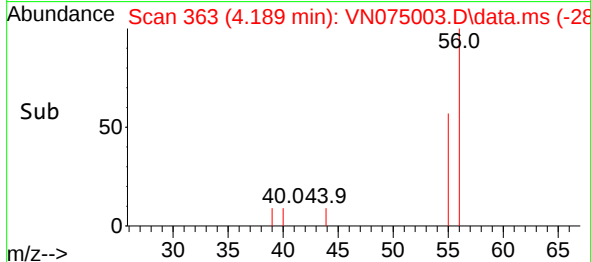
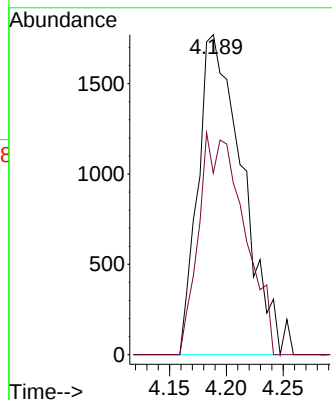
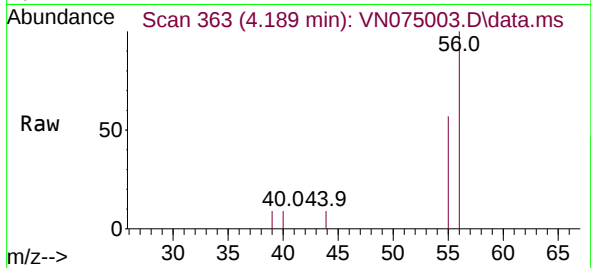




#13
Acrolein
Concen: 29.345 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.012 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

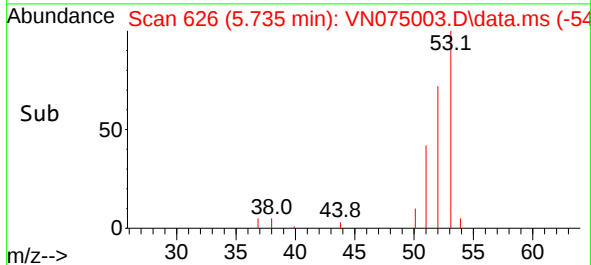
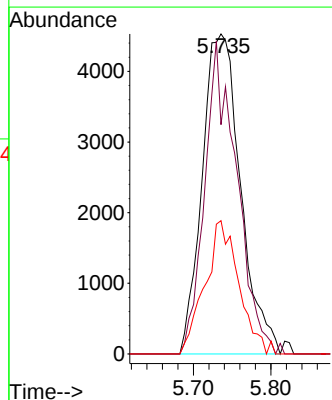
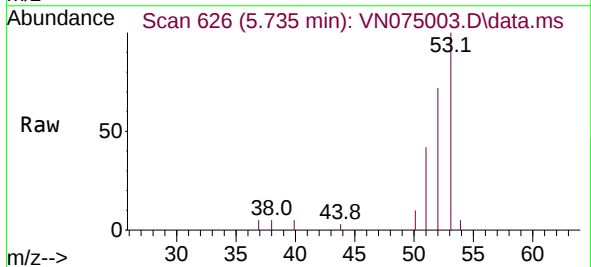
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

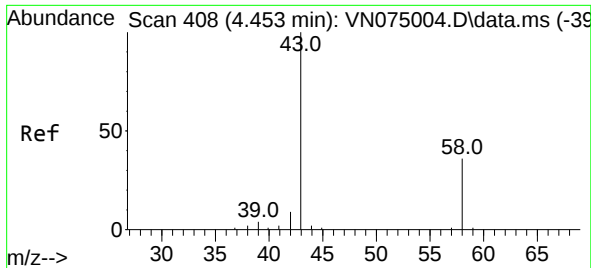
Tgt Ion: 56 Resp: 4767
Ion Ratio Lower Upper
56 100
55 27.0 57.6 86.4#



#14
Acrylonitrile
Concen: 28.434 ug/l
RT: 5.735 min Scan# 626
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 53 Resp: 15581
Ion Ratio Lower Upper
53 100
52 42.8 41.8 125.4
51 35.9 19.0 57.0





#15

Acetone

Concen: 27.503 ug/l m

RT: 4.447 min Scan# 408

Delta R.T. -0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

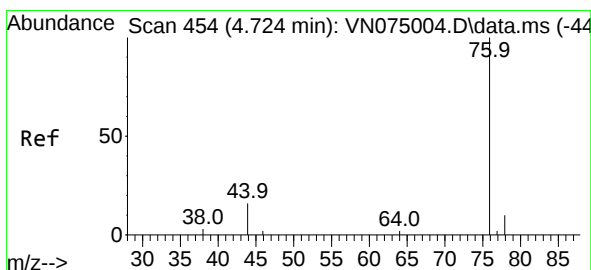
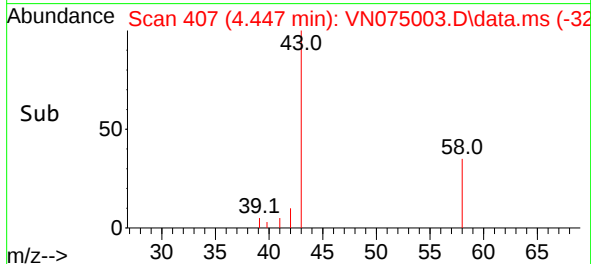
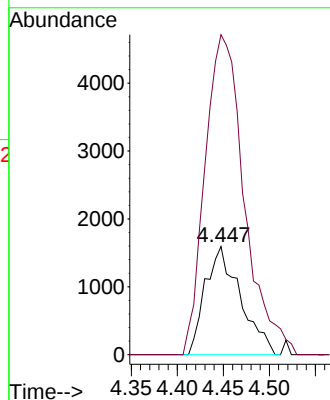
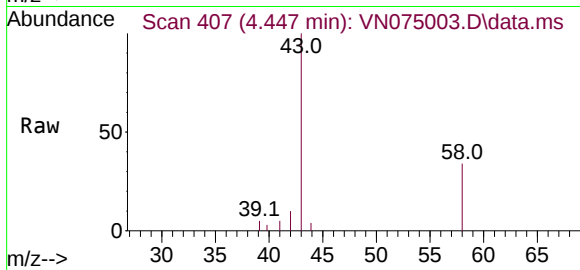
VSTDICC005

Tgt Ion: 58 Resp: 4227

Ion Ratio Lower Upper

58 100

43 295.7 256.6 384.8



#16

Carbon Disulfide

Concen: 5.698 ug/l

RT: 4.724 min Scan# 454

Delta R.T. -0.000 min

Lab File: VN075003.D

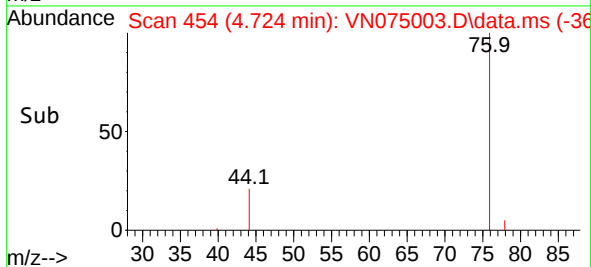
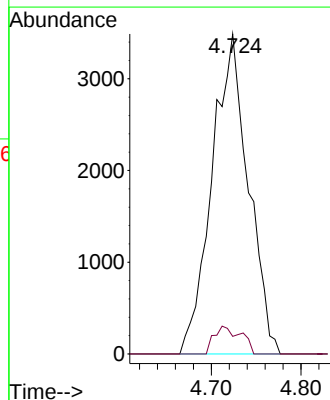
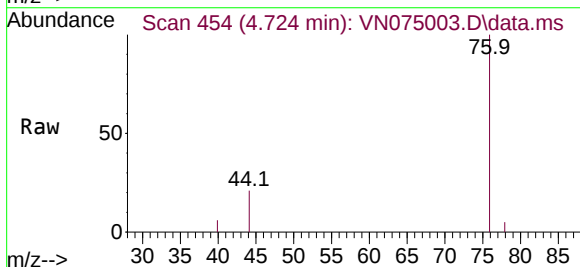
Acq: 25 Oct 2022 10:58

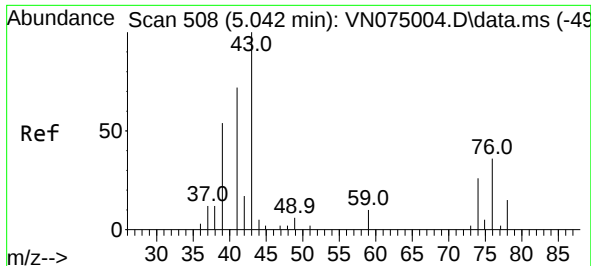
Tgt Ion: 76 Resp: 9822

Ion Ratio Lower Upper

76 100

78 5.5 7.8 11.8#





#17

Allyl chloride

Concen: 5.383 ug/l

RT: 5.041 min Scan# 508

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

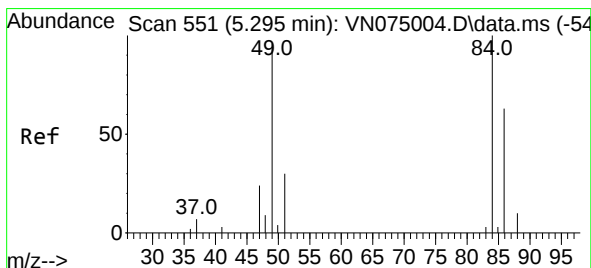
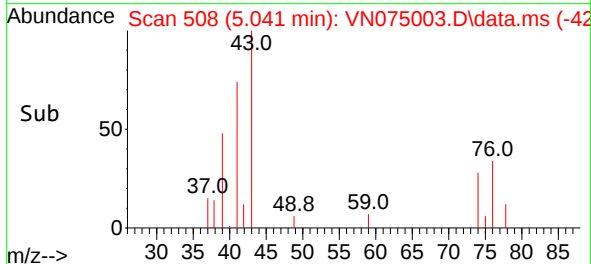
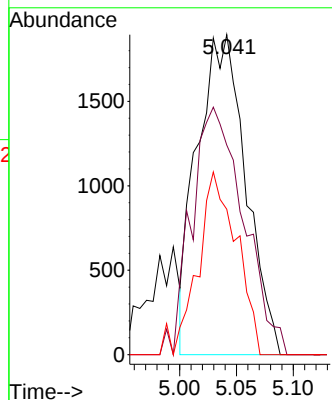
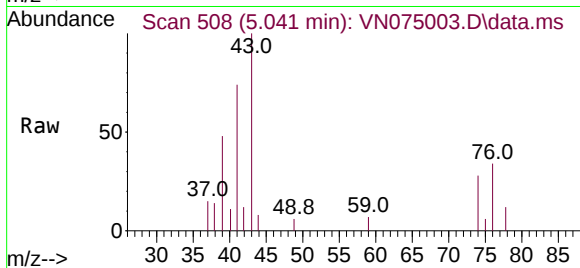
Tgt Ion: 41 Resp: 5647

Ion Ratio Lower Upper

41 100

39 57.0 44.6 134.0

76 45.4 19.6 58.7



#18

Methylene Chloride

Concen: 6.007 ug/l

RT: 5.288 min Scan# 550

Delta R.T. -0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Tgt Ion: 84 Resp: 5892

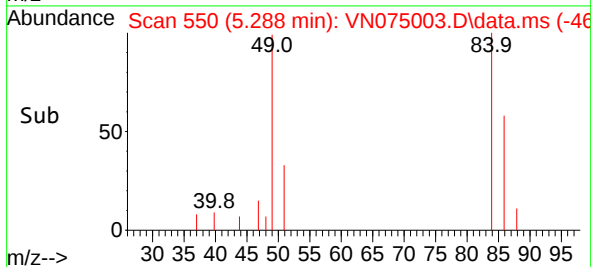
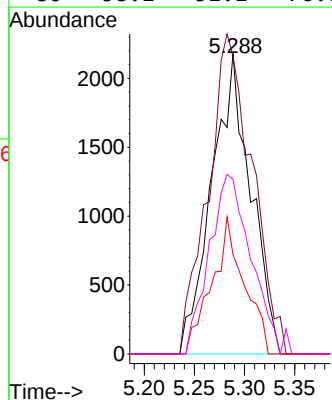
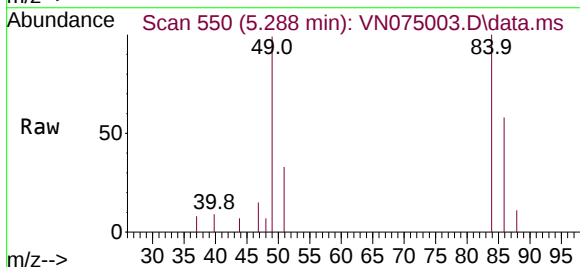
Ion Ratio Lower Upper

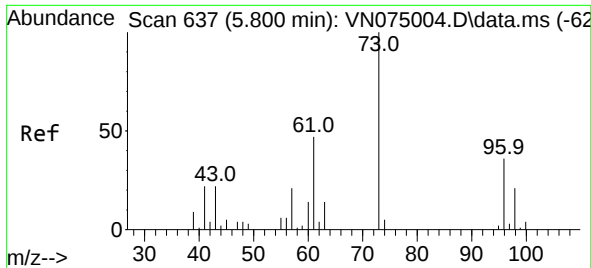
84 100

49 99.1 91.4 137.0

51 33.2 29.4 44.0

86 58.1 51.1 76.7

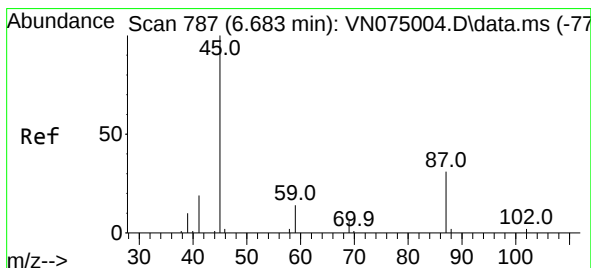
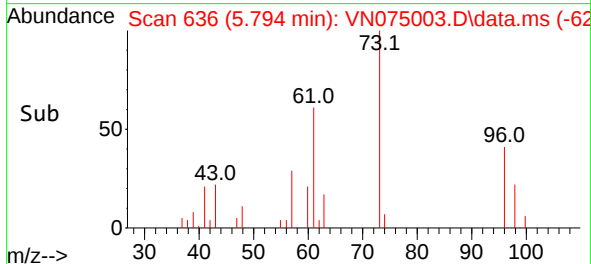
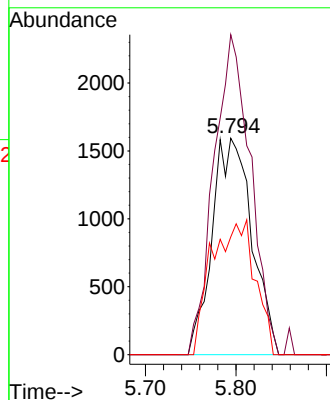
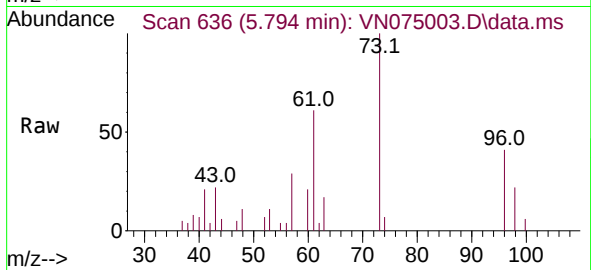




#19
trans-1,2-Dichloroethene
Concen: 5.594 ug/l m
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

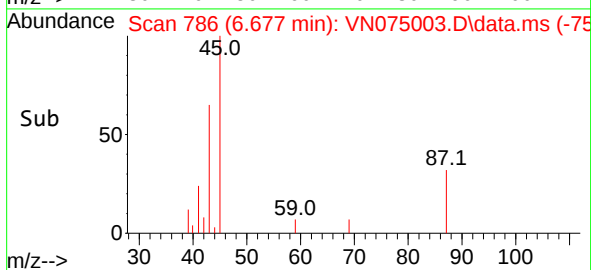
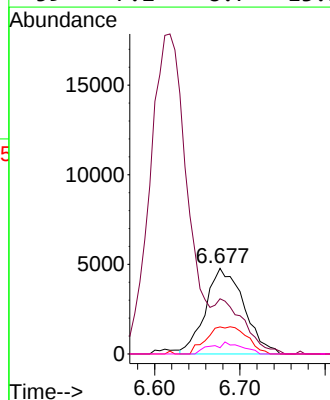
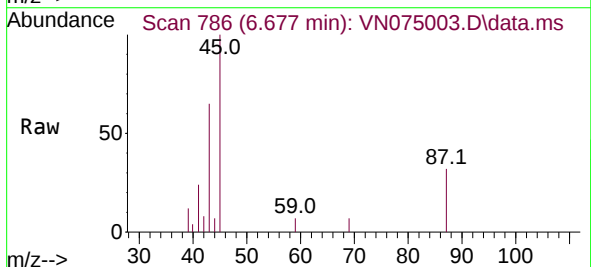
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

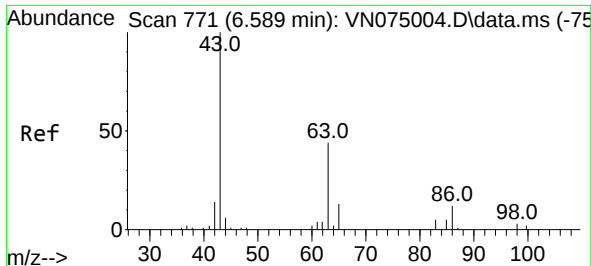
Tgt Ion: 96 Resp: 4869
Ion Ratio Lower Upper
96 100
61 147.8 102.8 154.2
98 54.4 49.3 73.9



#20
Diisopropyl ether
Concen: 5.479 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 45 Resp: 14919
Ion Ratio Lower Upper
45 100
43 61.3 51.0 76.4
87 31.6 25.0 37.4
59 7.2 8.7 13.1#

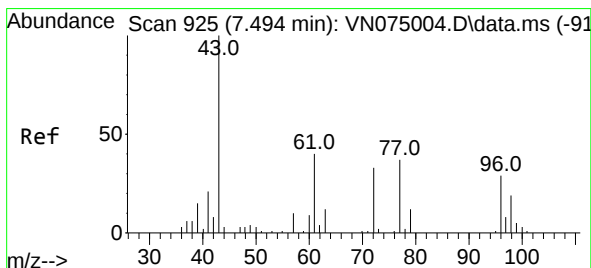
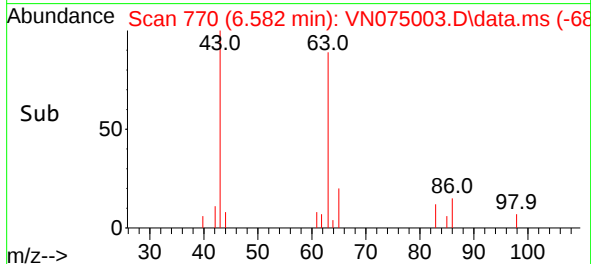
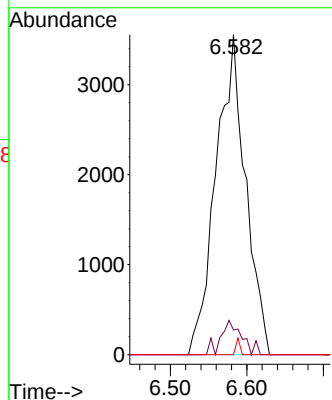
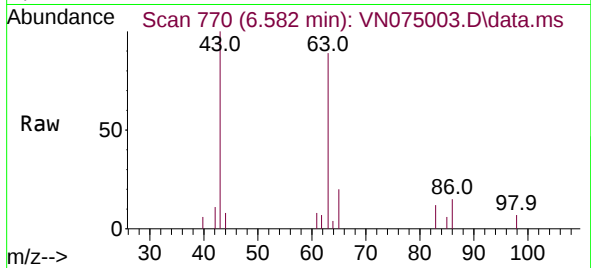




#21
1,1-Dichloroethane
Concen: 5.639 ug/l m
RT: 6.582 min Scan# 771
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

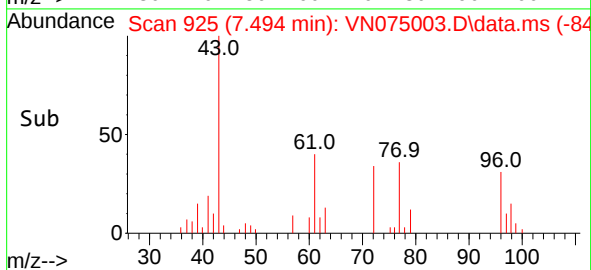
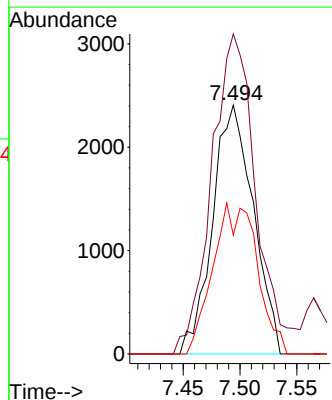
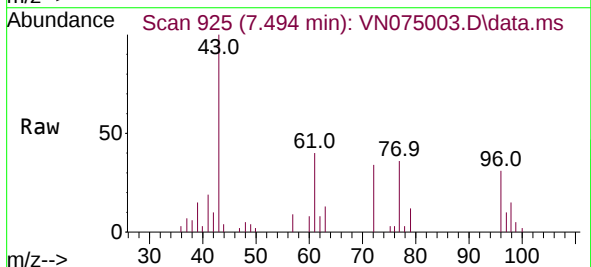
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

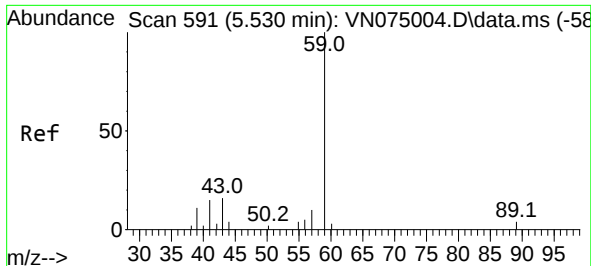
Tgt Ion: 63 Resp: 9537
Ion Ratio Lower Upper
63 100
98 7.7 3.2 9.6
100 0.0 2.1 6.2#



#22
cis-1,2-Dichloroethene
Concen: 5.464 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 96 Resp: 6010
Ion Ratio Lower Upper
96 100
61 137.2 115.7 173.5
98 32.1 51.6 77.4#

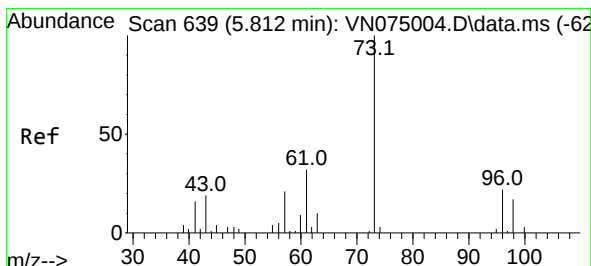
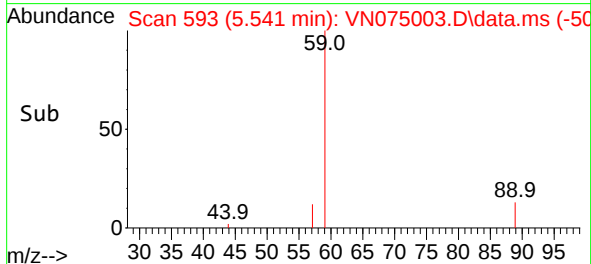
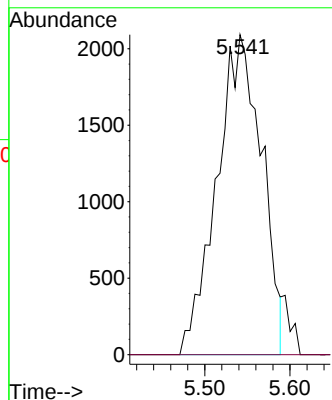
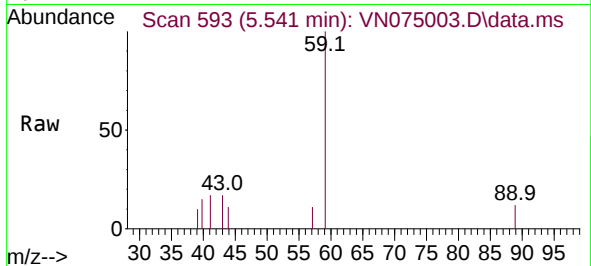




#23
tert-Butyl Alcohol
Concen: 30.245 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

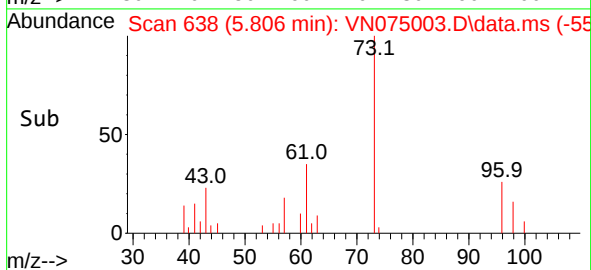
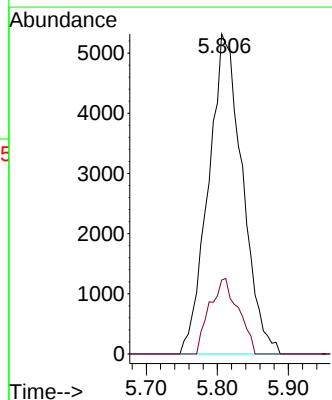
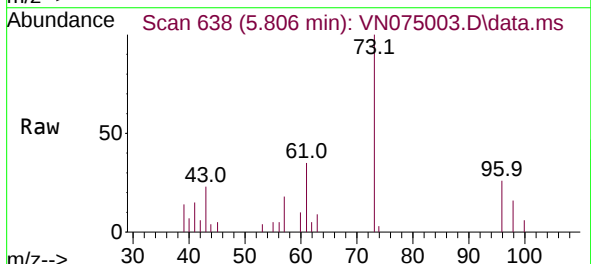
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

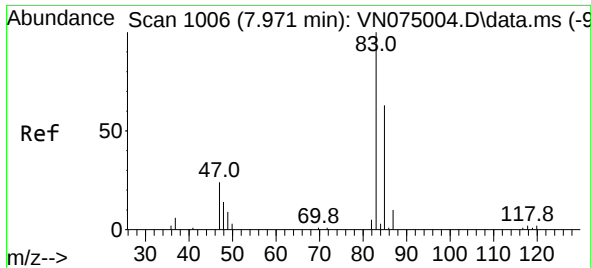
Tgt Ion: 59 Resp: 7672
Ion Ratio Lower Upper
59 100
52 86.8 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 5.511 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 73 Resp: 17649
Ion Ratio Lower Upper
73 100
43 19.9 18.1 27.1

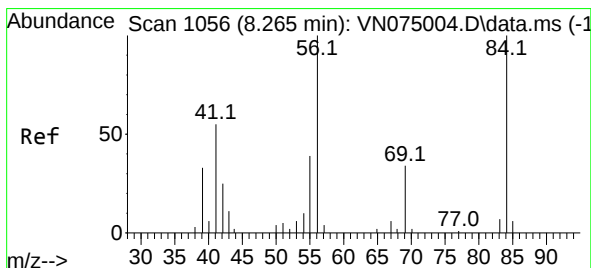
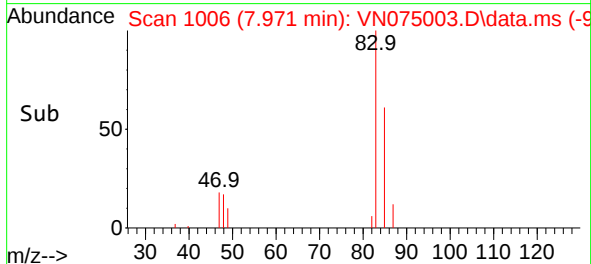
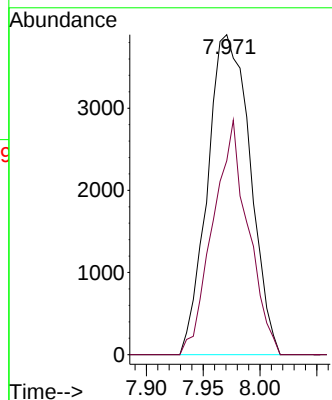
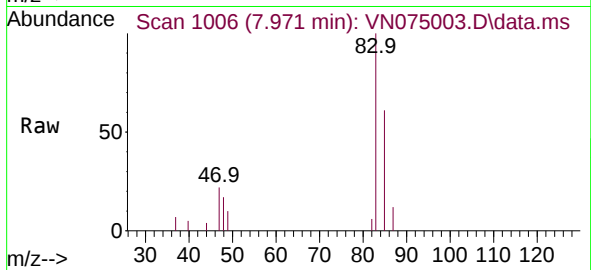




#25
Chloroform
Concen: 5.433 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

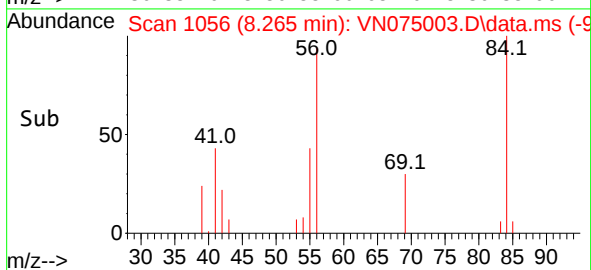
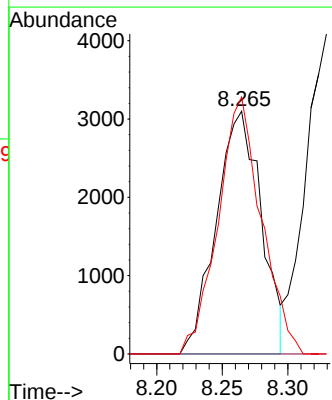
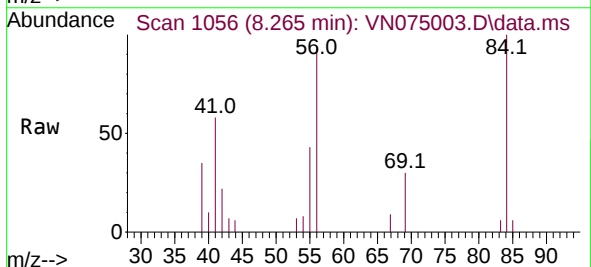
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

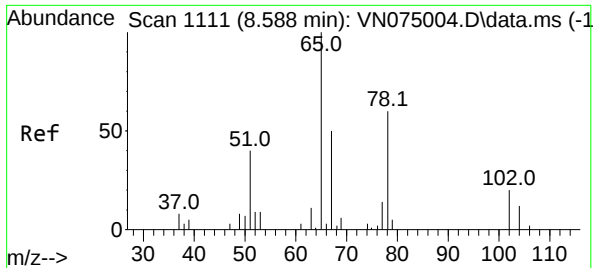
Tgt Ion: 83 Resp: 10150
Ion Ratio Lower Upper
83 100
85 60.6 51.3 76.9



#26
Cyclohexane
Concen: 5.448 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 56 Resp: 7402
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 101.7 74.6 111.8

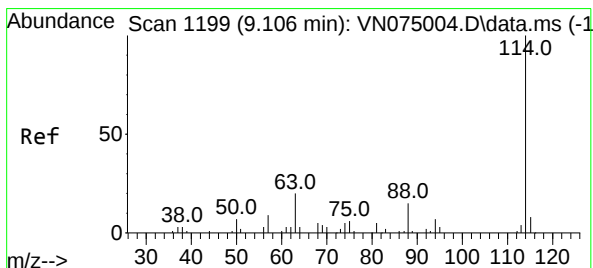
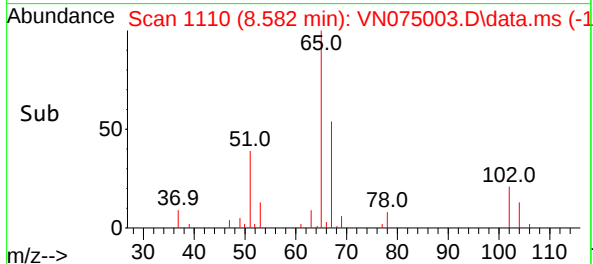
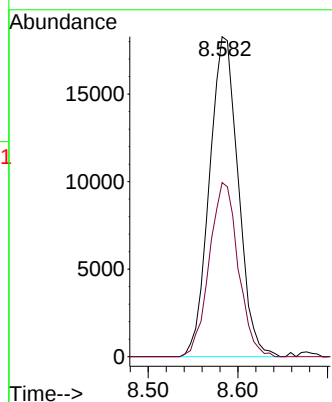
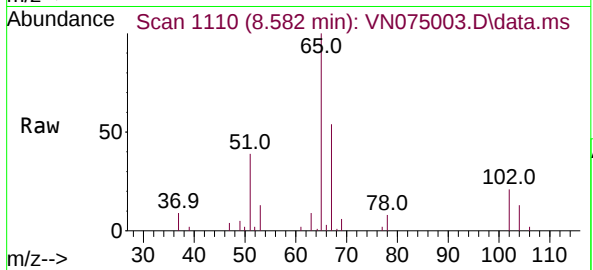




#27
1,2-Dichloroethane-d4
Concen: 32.577 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

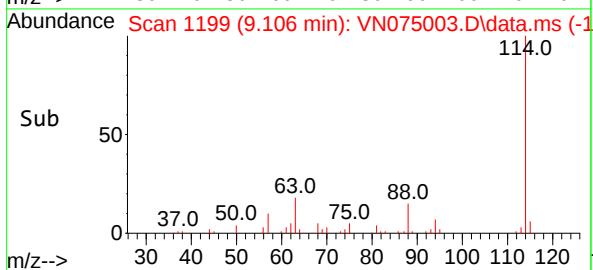
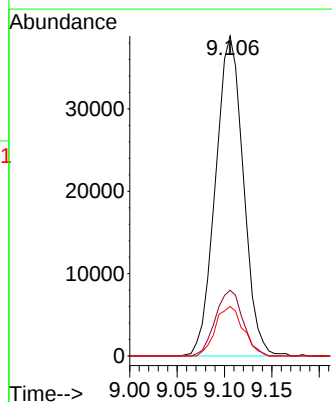
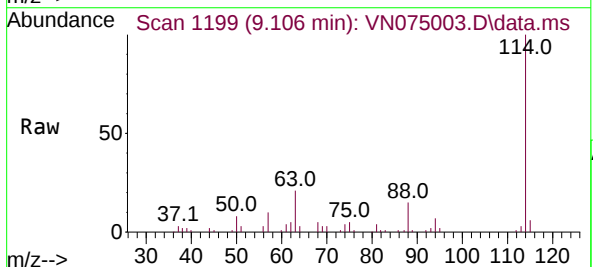
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

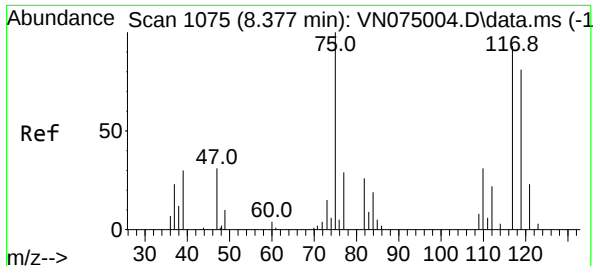
Tgt Ion: 65 Resp: 40706
Ion Ratio Lower Upper
65 100
67 54.7 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 114 Resp: 79511
Ion Ratio Lower Upper
114 100
63 20.3 15.8 23.6
88 15.4 11.6 17.4





#29

1,1-Dichloropropene

Concen: 5.105 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

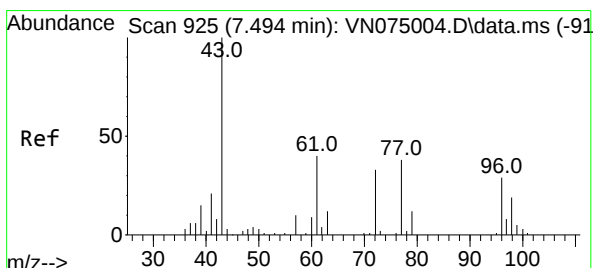
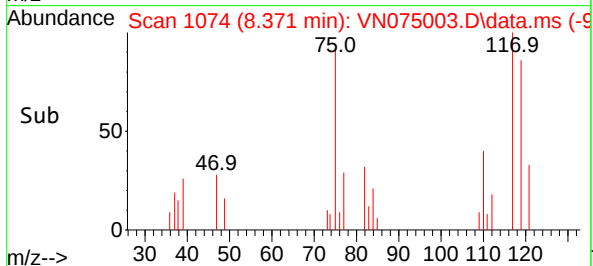
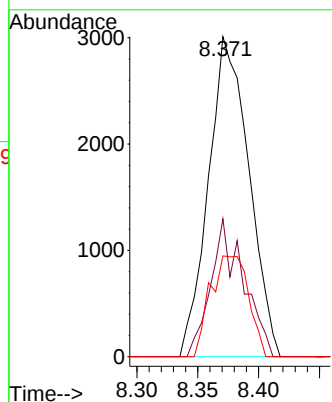
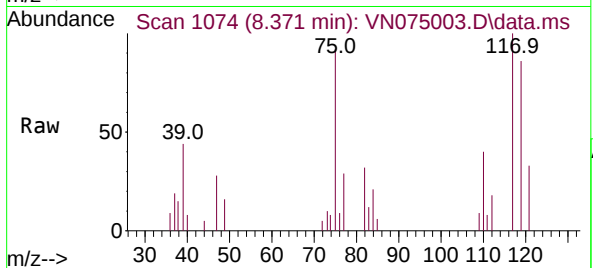
Tgt Ion: 75 Resp: 6963

Ion Ratio Lower Upper

75 100

110 34.8 0.0 74.2

77 29.7 0.0 63.2



#30

2-Butanone

Concen: 26.351 ug/l

RT: 7.488 min Scan# 924

Delta R.T. -0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

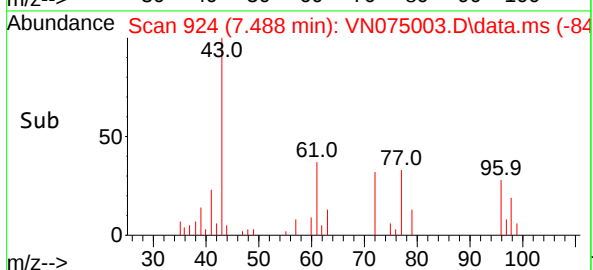
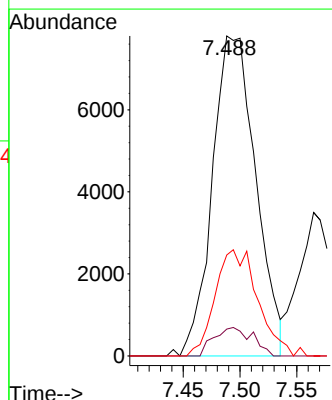
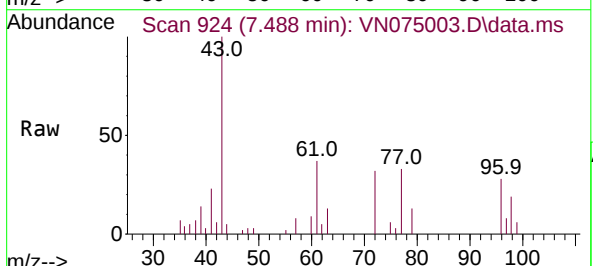
Tgt Ion: 43 Resp: 20717

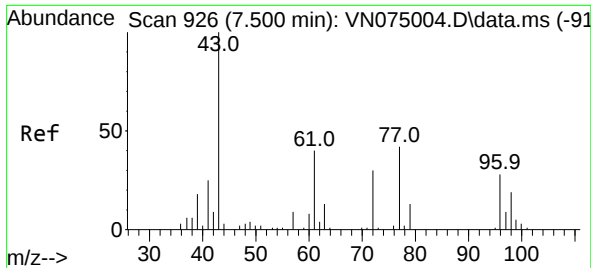
Ion Ratio Lower Upper

43 100

57 6.2 6.7 10.1#

72 19.9 23.2 34.8#

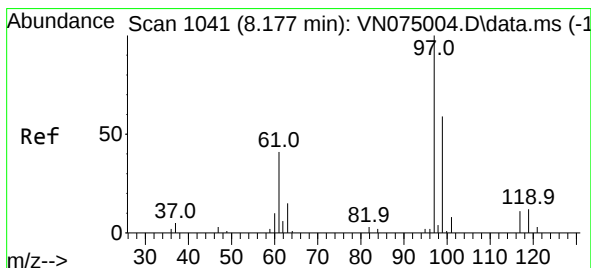
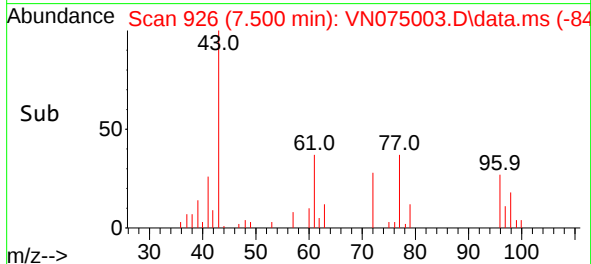
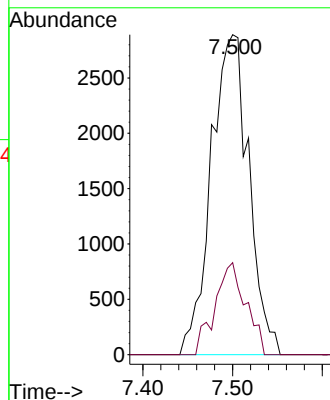
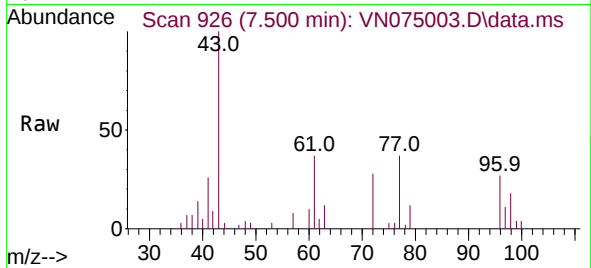




#31
2,2-Dichloropropane
Concen: 5.064 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

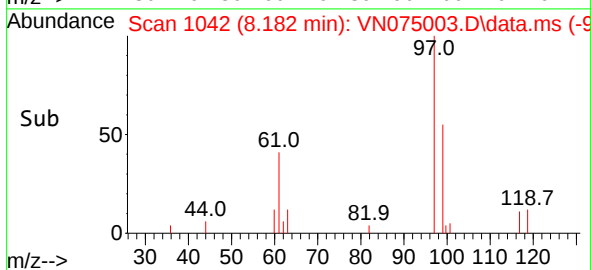
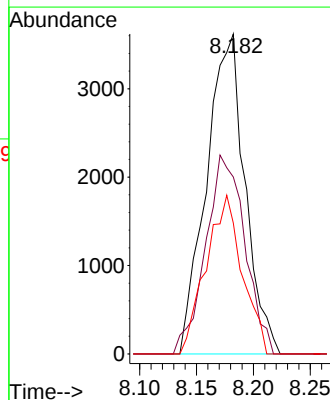
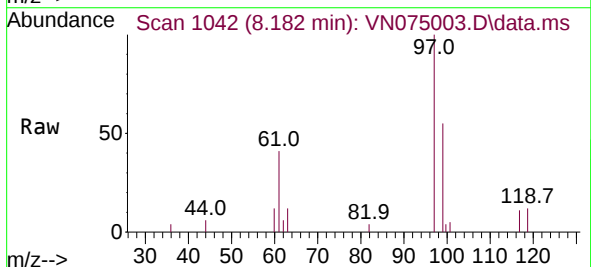
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

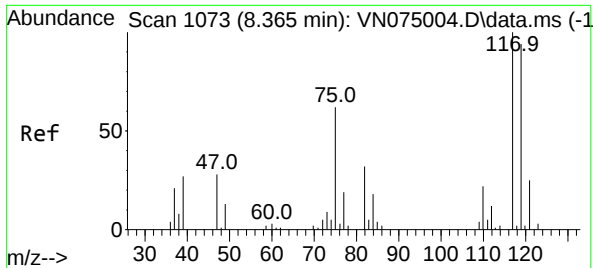
Tgt Ion: 77 Resp: 8436
Ion Ratio Lower Upper
77 100
97 20.3 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 4.837 ug/l
RT: 8.182 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 97 Resp: 8543
Ion Ratio Lower Upper
97 100
99 63.2 50.4 75.6
61 46.5 34.6 51.8

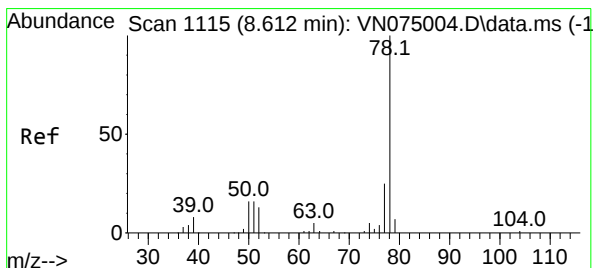
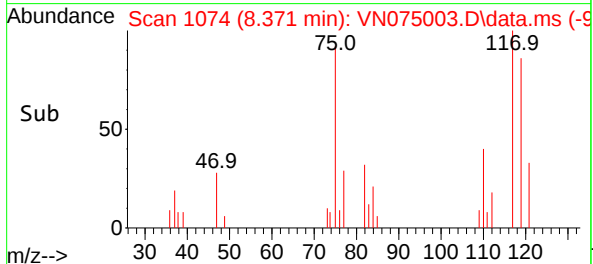
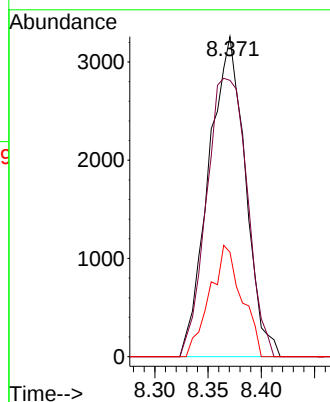
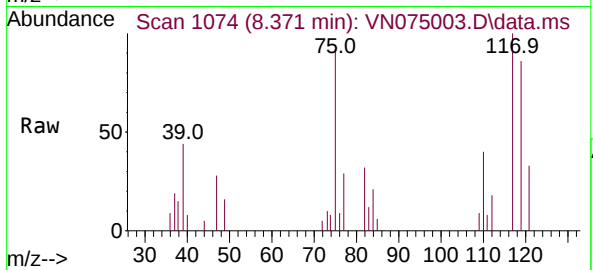




#33
Carbon Tetrachloride
Concen: 5.012 ug/l
RT: 8.371 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

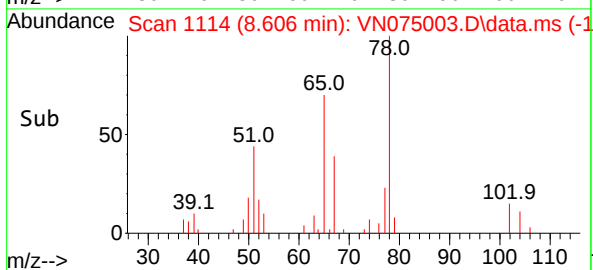
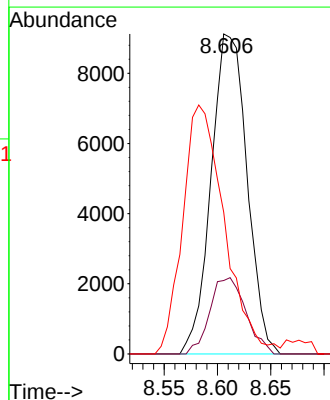
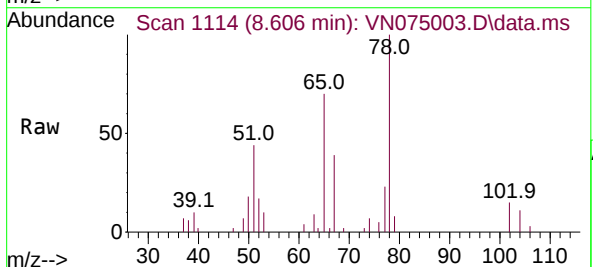
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

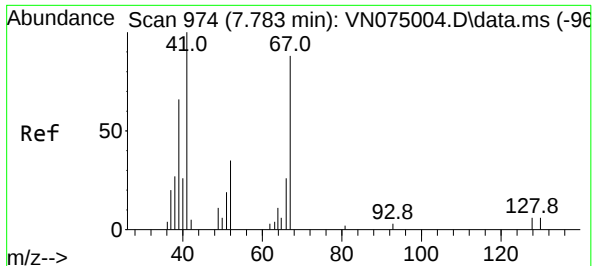
Tgt Ion:117 Resp: 7795
Ion Ratio Lower Upper
117 100
119 86.3 77.5 116.3
121 32.6 23.5 35.3



#34
Benzene
Concen: 5.124 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 78 Resp: 21363
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7
51 42.5 16.0 24.0#





#35

Methacrylonitrile

Concen: 4.897 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 3690

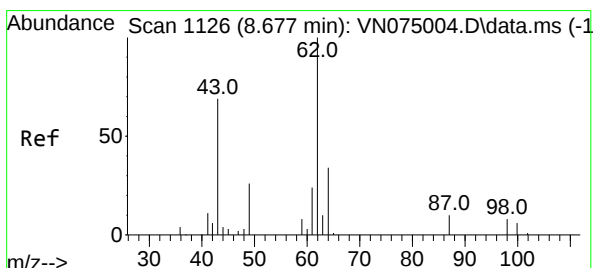
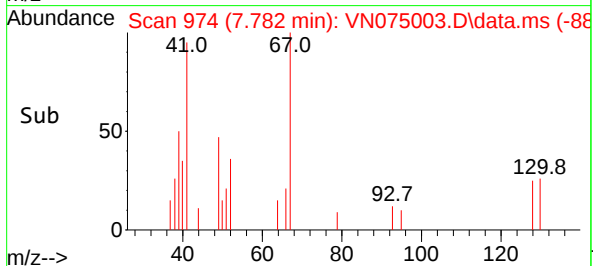
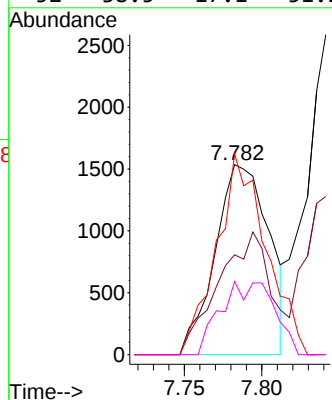
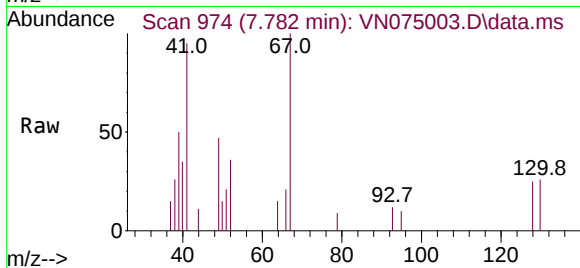
Ion Ratio Lower Upper

41 100

39 52.5 28.0 83.9

67 105.7 37.7 113.1

52 38.5 17.1 51.2



#36

1,2-Dichloroethane

Concen: 5.236 ug/l

RT: 8.676 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN075003.D

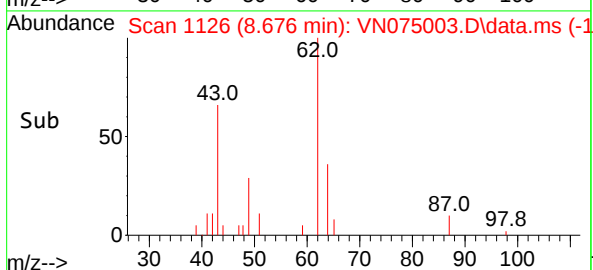
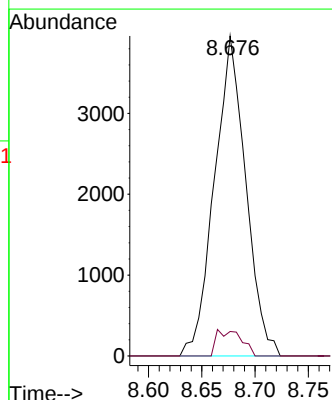
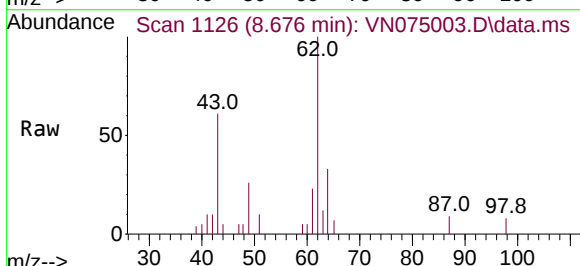
Acq: 25 Oct 2022 10:58

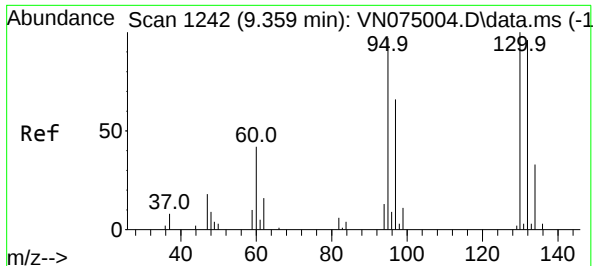
Tgt Ion: 62 Resp: 8089

Ion Ratio Lower Upper

62 100

98 4.0 6.6 10.0#

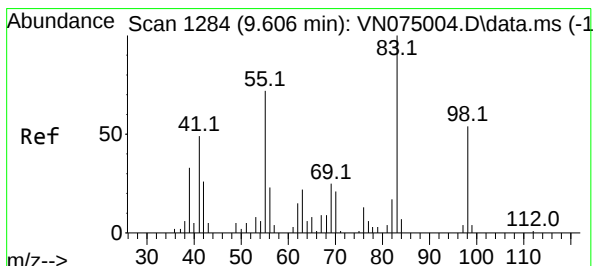
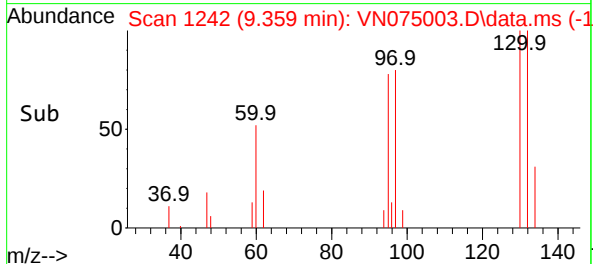
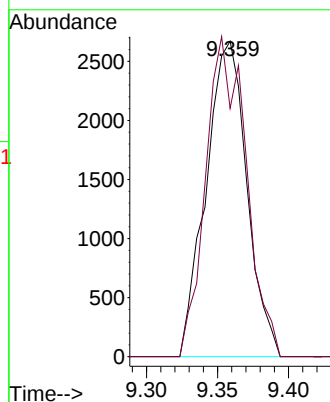
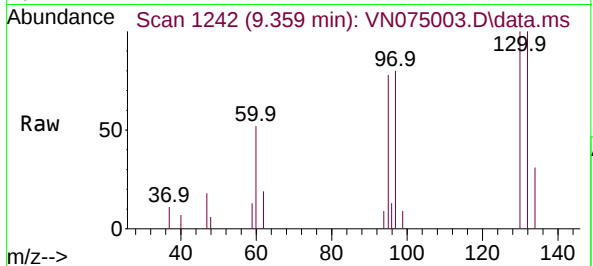




#37
Trichloroethene
Concen: 5.152 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

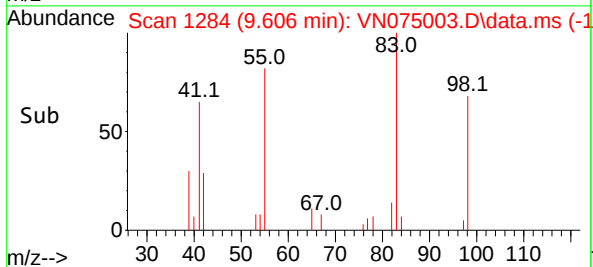
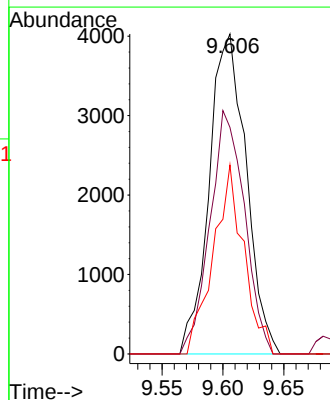
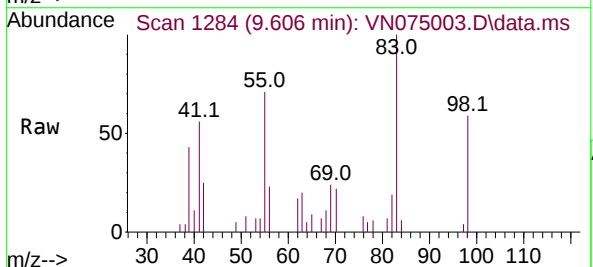
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

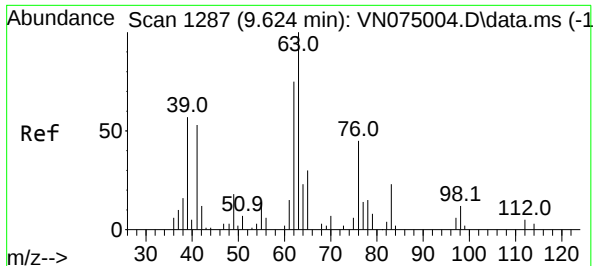
Tgt Ion:130 Resp: 5338
Ion Ratio Lower Upper
130 100
95 78.7 76.6 115.0



#38
Methylcyclohexane
Concen: 5.023 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 83 Resp: 8494
Ion Ratio Lower Upper
83 100
55 71.3 35.1 105.3
98 48.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.122 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

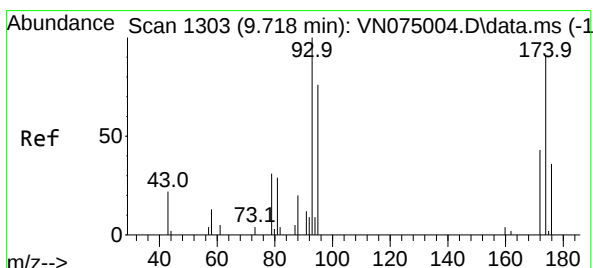
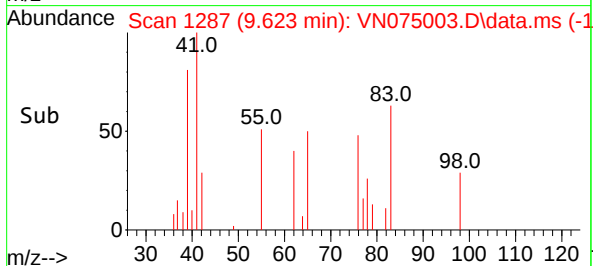
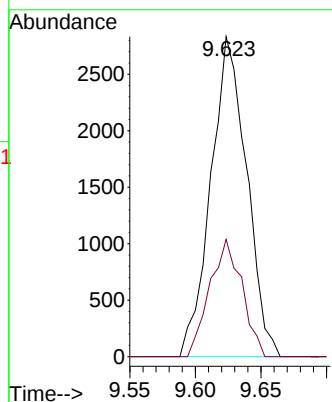
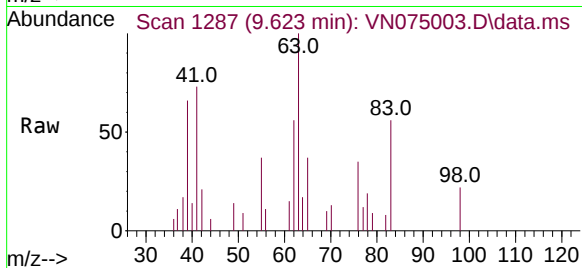
VSTDIC005

Tgt Ion: 63 Resp: 5376

Ion Ratio Lower Upper

63 100

65 36.7 24.2 36.4#



#40

Dibromomethane

Concen: 5.171 ug/l m

RT: 9.706 min Scan# 1301

Delta R.T. -0.012 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

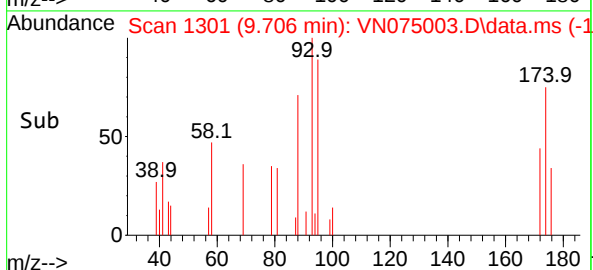
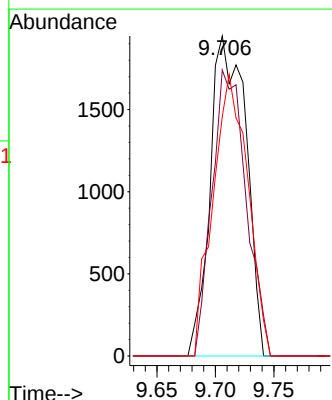
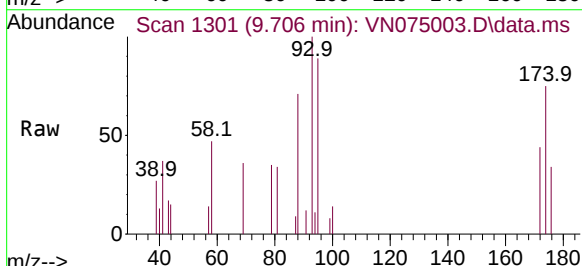
Tgt Ion: 93 Resp: 4118

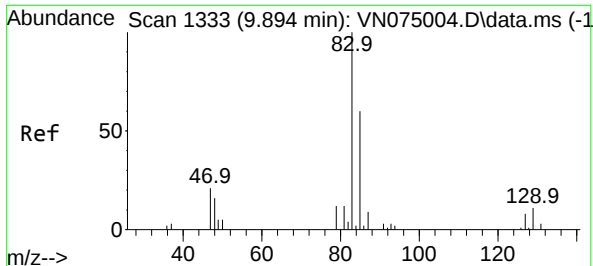
Ion Ratio Lower Upper

93 100

95 85.6 0.0 168.8

174 86.1 0.0 173.6

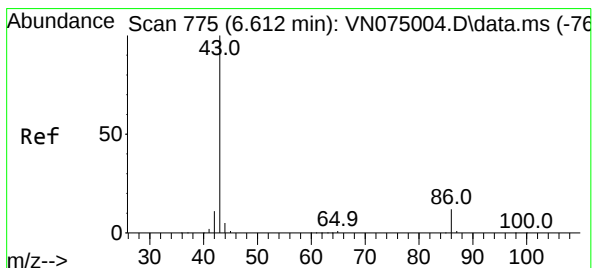
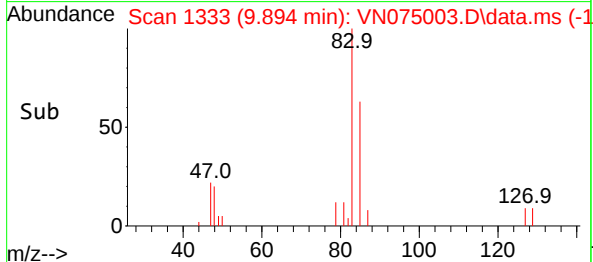
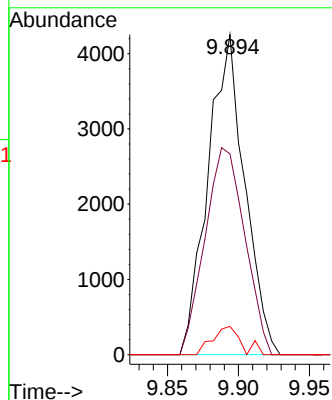
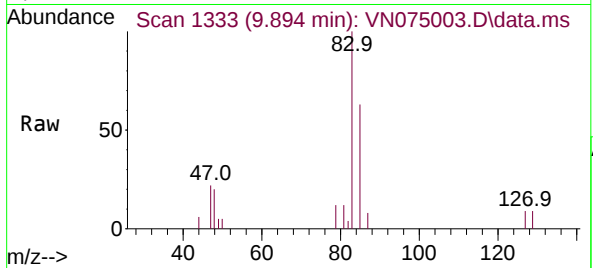




#41
Bromodichloromethane
Concen: 4.939 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

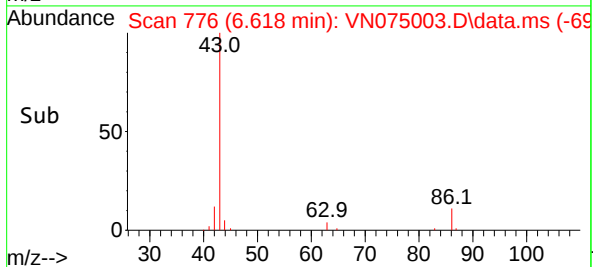
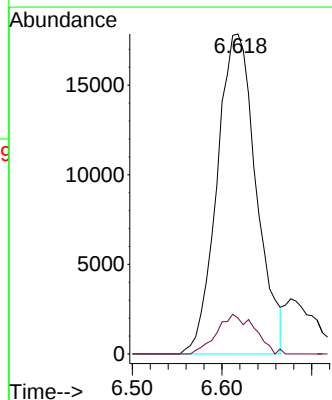
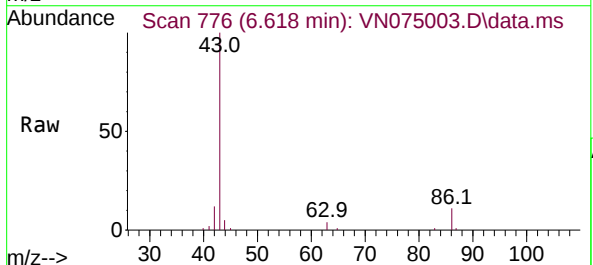
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

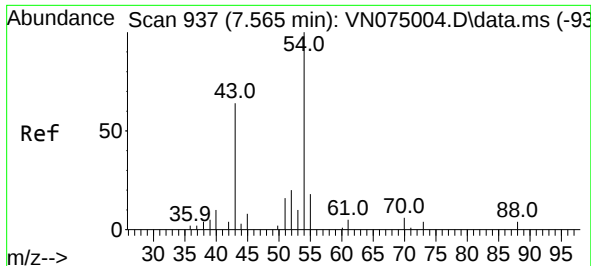
Tgt Ion: 83 Resp: 7657
Ion Ratio Lower Upper
83 100
85 62.7 54.1 81.1
127 8.8 7.6 11.4



#42
Vinyl Acetate
Concen: 24.495 ug/l
RT: 6.618 min Scan# 776
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 43 Resp: 54245
Ion Ratio Lower Upper
43 100
86 8.1 7.5 11.3





#43

Ethyl Acetate

Concen: 5.706 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

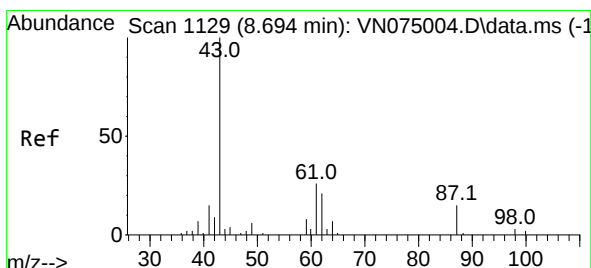
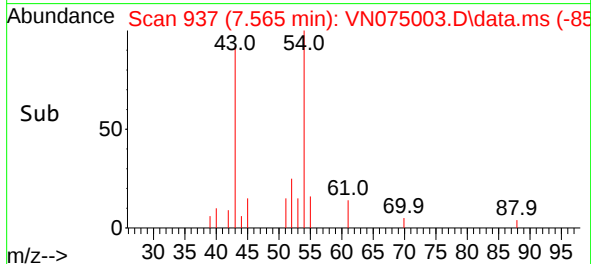
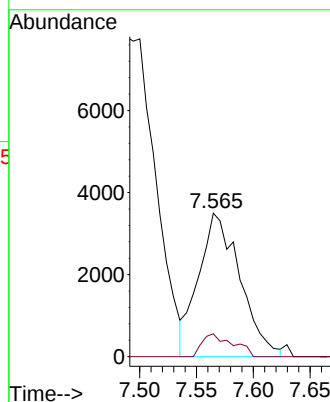
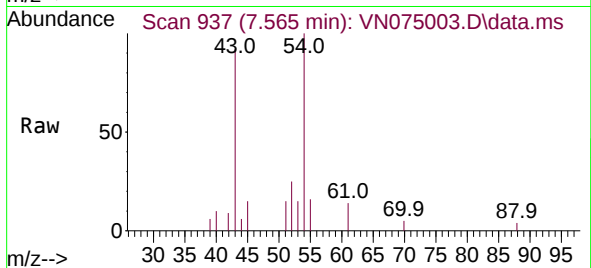
VSTDIC005

Tgt Ion: 43 Resp: 8866

Ion Ratio Lower Upper

43 100

45 9.5 10.6 16.0#



#44

Isopropyl Acetate

Concen: 5.331 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075003.D

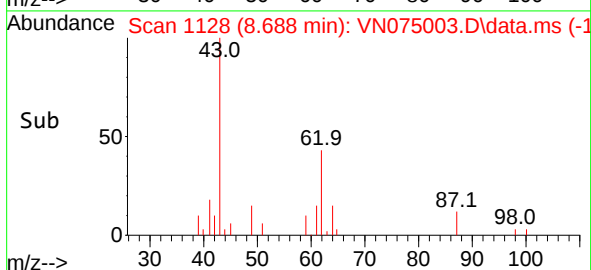
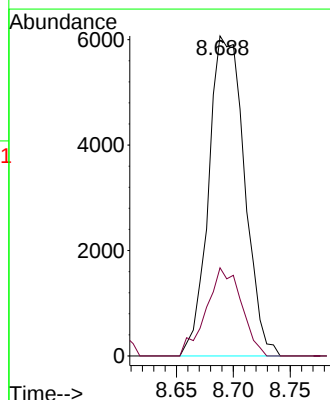
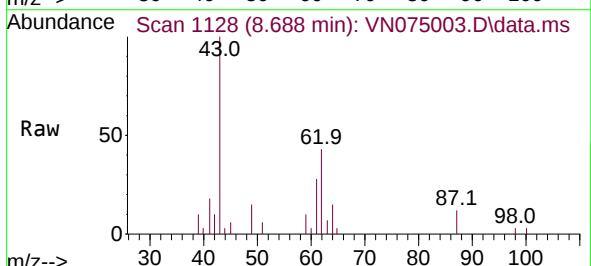
Acq: 25 Oct 2022 10:58

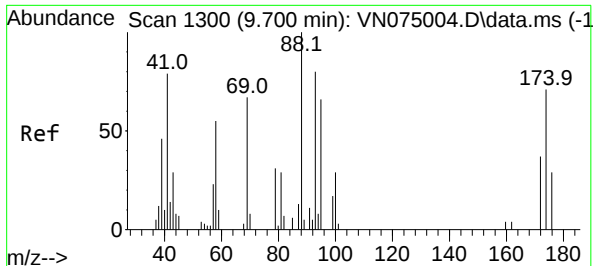
Tgt Ion: 43 Resp: 13286

Ion Ratio Lower Upper

43 100

61 27.1 20.1 30.1





#45

1,4-Dioxane

Concen: 108.780 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

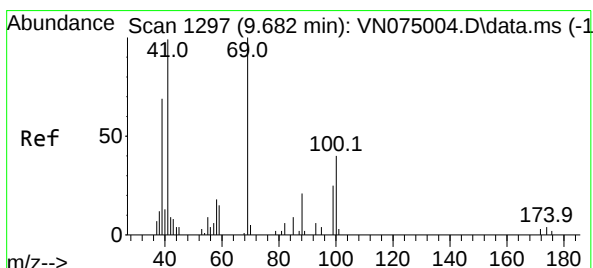
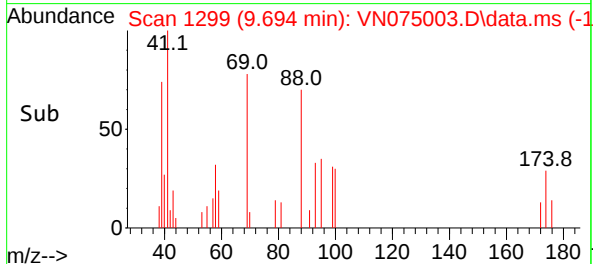
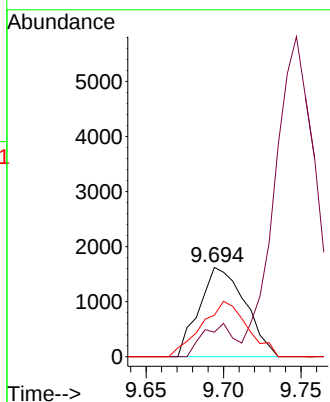
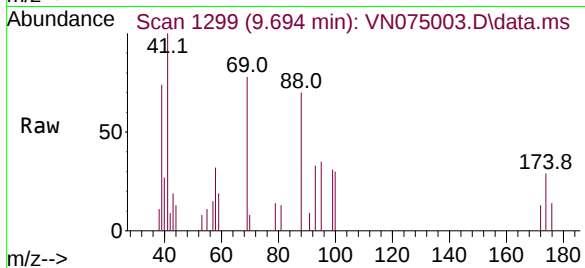
Tgt Ion: 88 Resp: 3337

Ion Ratio Lower Upper

88 100

43 25.4 25.0 37.6

58 62.0 49.4 74.2



#46

Methyl methacrylate

Concen: 5.240 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

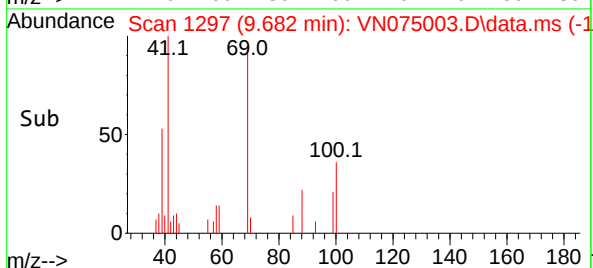
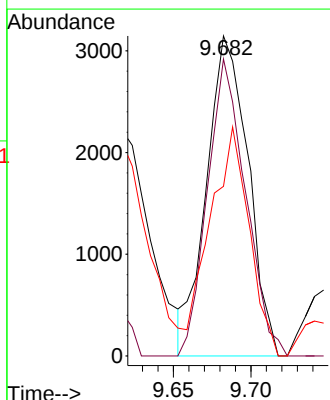
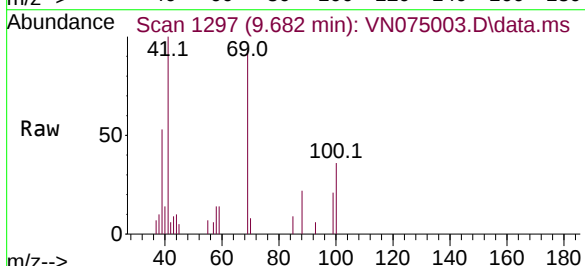
Tgt Ion: 41 Resp: 5859

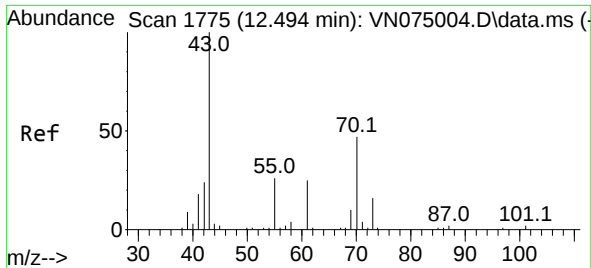
Ion Ratio Lower Upper

41 100

69 92.8 44.4 133.2

39 53.0 39.9 119.6

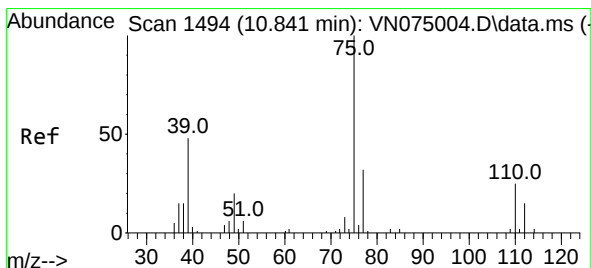
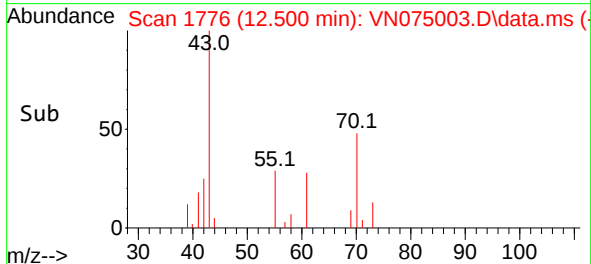
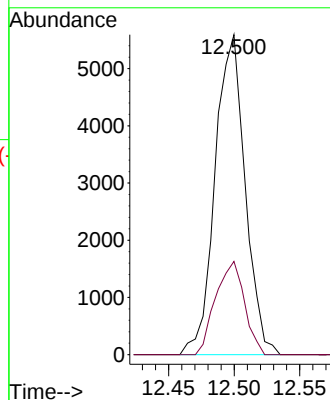
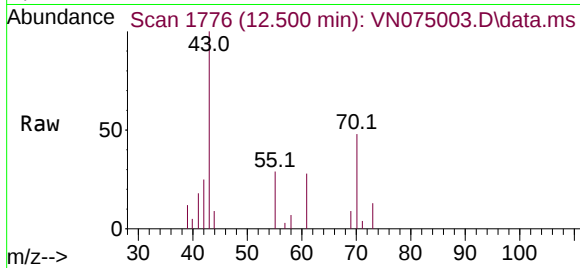




#47
n-amy1 Acetate
Concen: 4.165 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

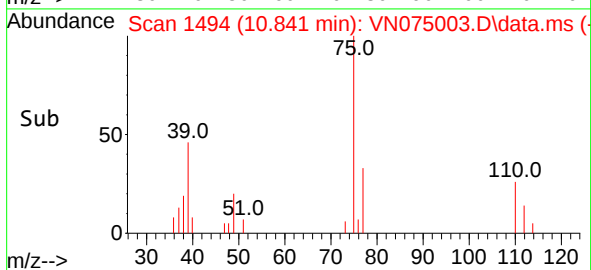
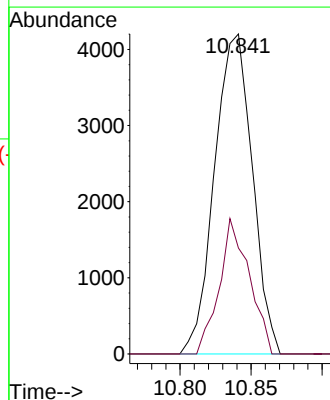
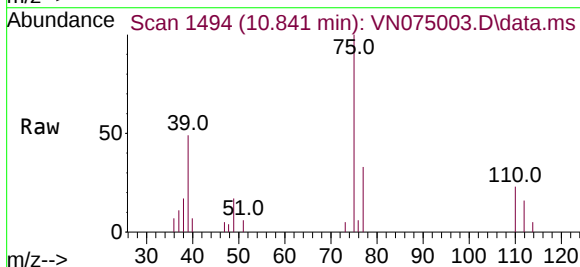
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

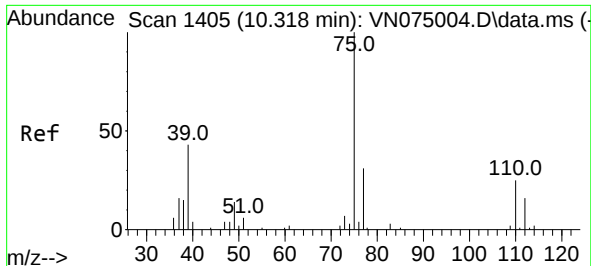
Tgt Ion: 43 Resp: 8917
Ion Ratio Lower Upper
43 100
55 27.9 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 4.593 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 75 Resp: 7780
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 4.797 ug/l

RT: 10.312 min Scan# 1405

Delta R.T. -0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

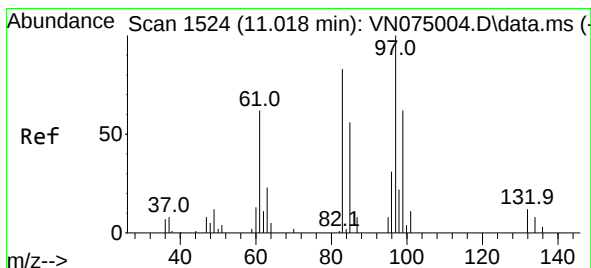
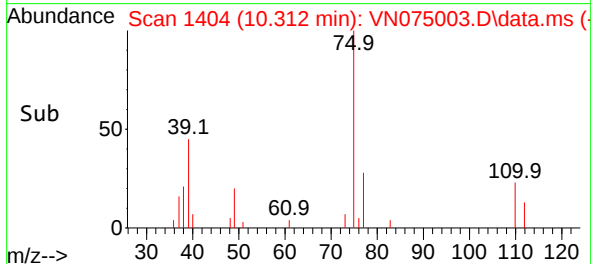
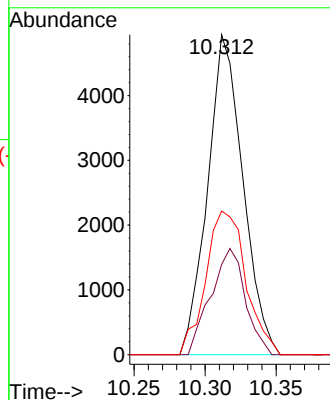
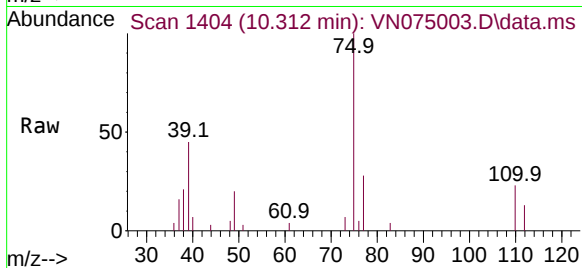
ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 8539

Ion Ratio Lower Upper

75	100		
77	28.2	25.3	37.9
39	44.9	46.2	69.4



#50

1,1,2-Trichloroethane

Concen: 4.926 ug/l

RT: 11.018 min Scan# 1524

Delta R.T. -0.000 min

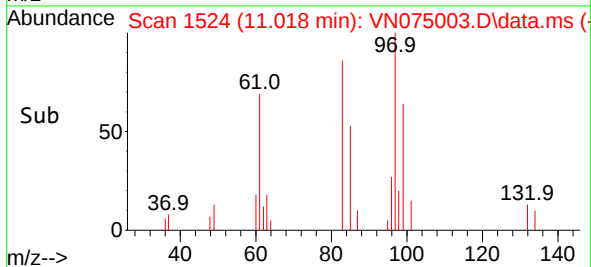
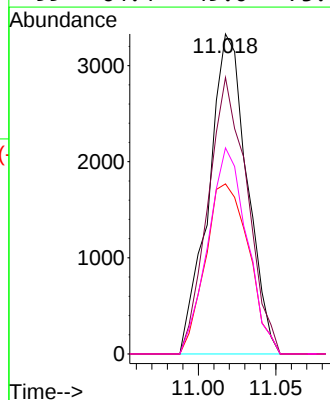
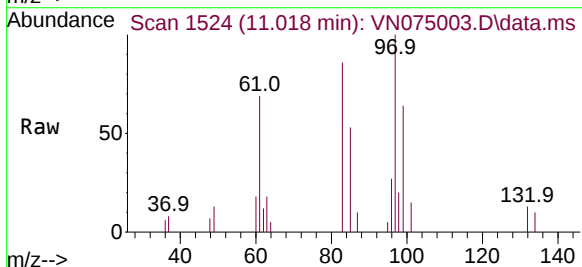
Lab File: VN075003.D

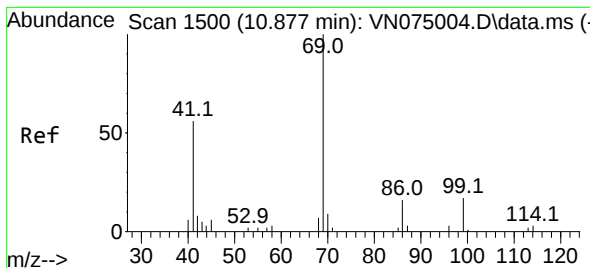
Acq: 25 Oct 2022 10:58

Tgt Ion: 97 Resp: 5747

Ion Ratio Lower Upper

97	100		
83	86.4	67.2	100.8
85	53.1	43.0	64.4
99	64.4	49.0	73.4

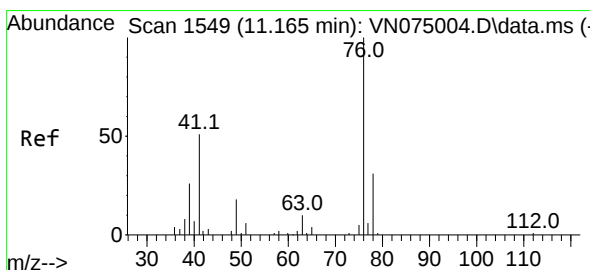
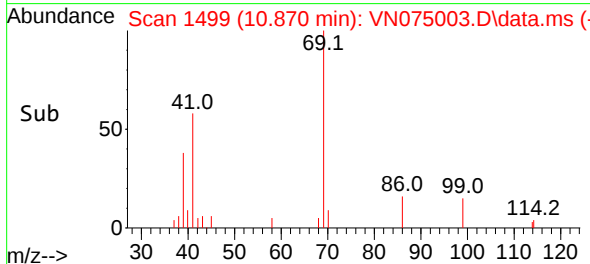
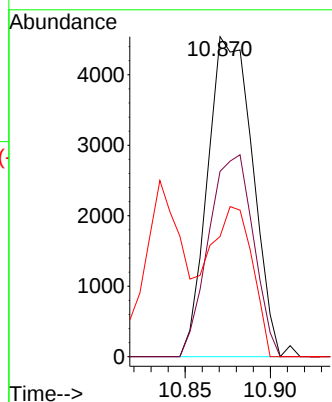
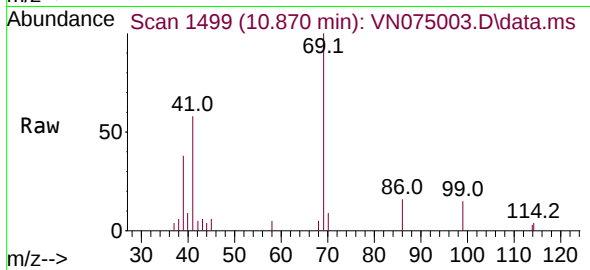




#51
Ethyl methacrylate
Concen: 4.551 ug/l
RT: 10.870 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

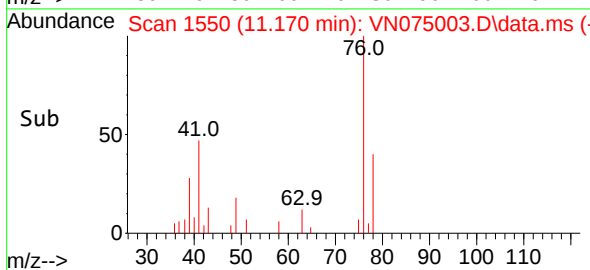
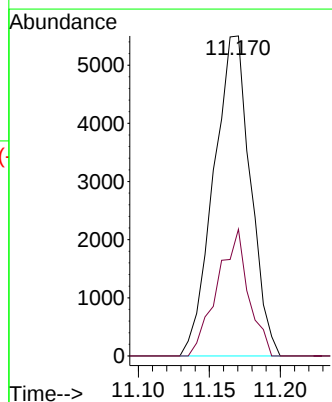
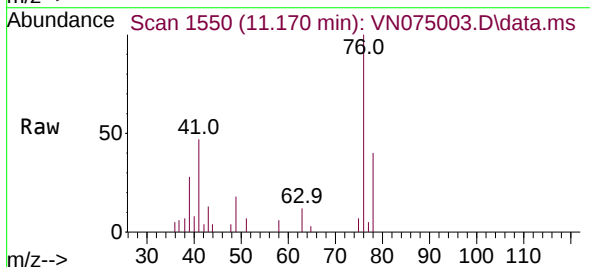
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

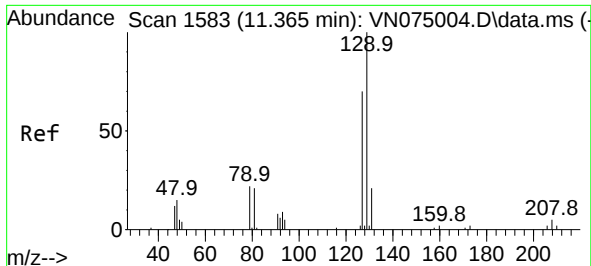
Tgt Ion: 69 Resp: 8273
Ion Ratio Lower Upper
69 100
41 57.9 33.0 98.9
39 37.5 25.4 76.4



#52
1,3-Dichloropropane
Concen: 5.087 ug/l
RT: 11.170 min Scan# 1550
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 76 Resp: 9926
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.4

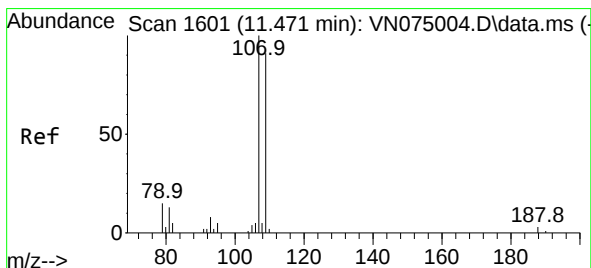
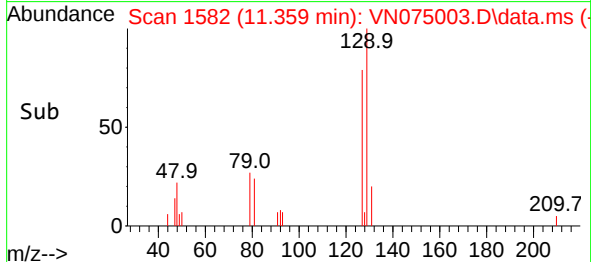
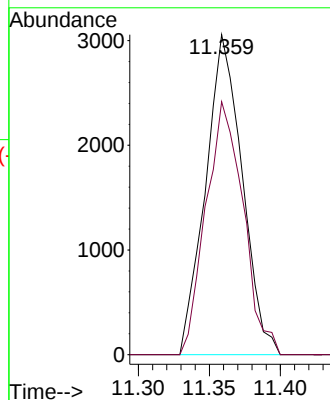
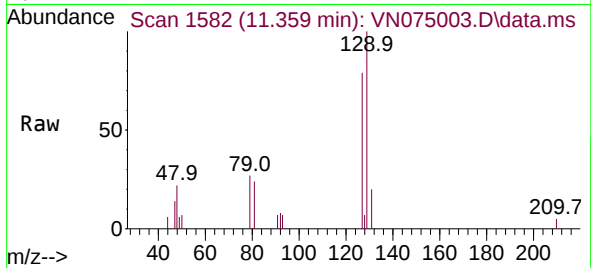




#53
Dibromochloromethane
Concen: 4.336 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

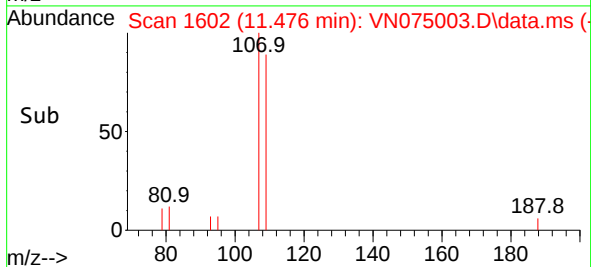
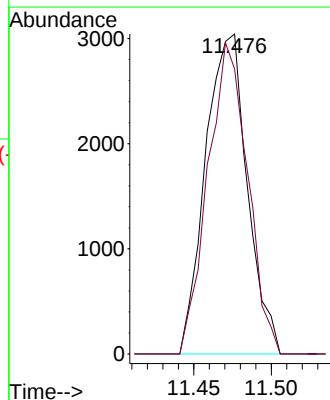
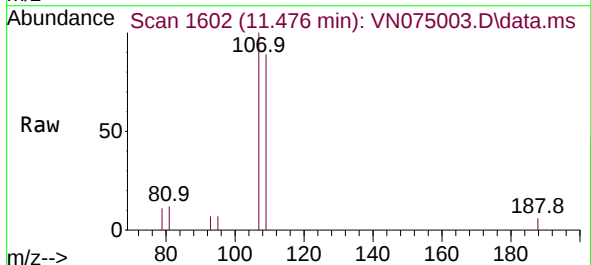
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

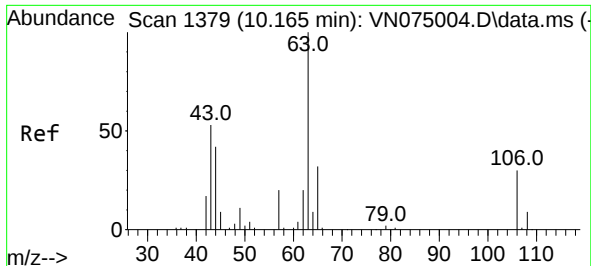
Tgt Ion:129 Resp: 5471
Ion Ratio Lower Upper
129 100
127 80.6 39.0 117.0



#54
1,2-Dibromoethane
Concen: 4.731 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion:107 Resp: 5710
Ion Ratio Lower Upper
107 100
109 92.6 72.8 109.2

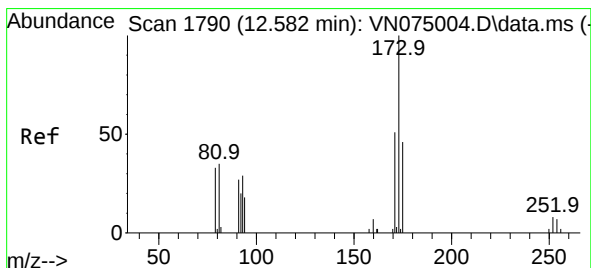
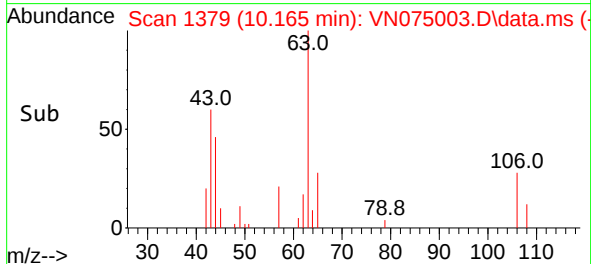
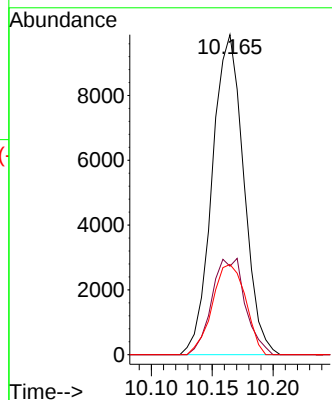
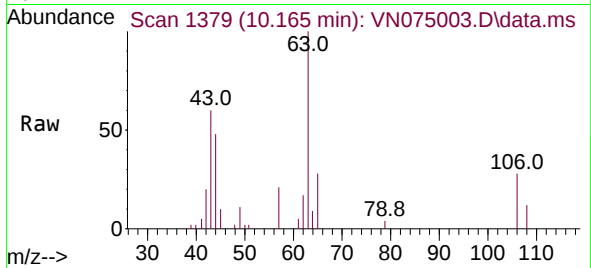




#55
2-Chloroethyl vinyl ether
Concen: 23.975 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

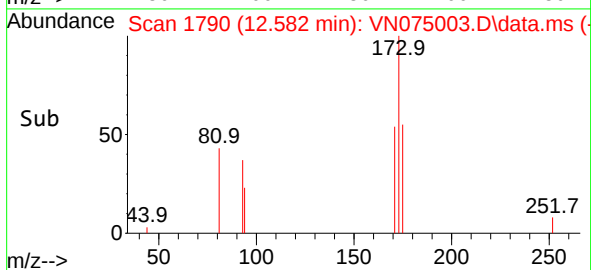
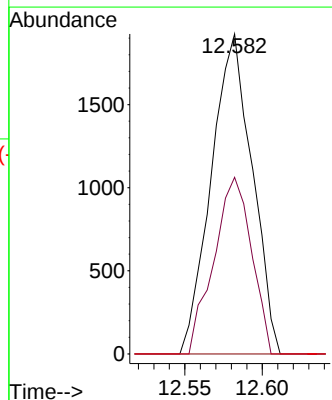
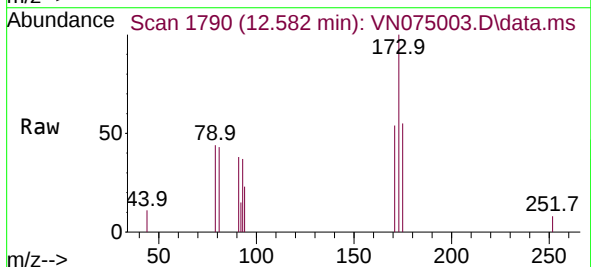
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

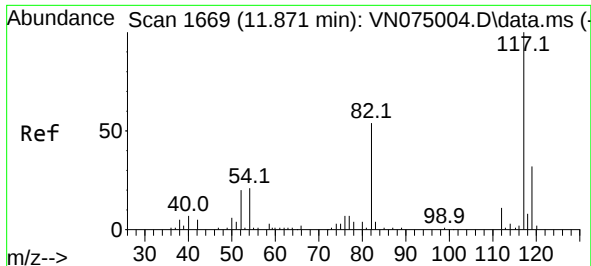
Tgt Ion: 63 Resp: 17805
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 29.8 23.2 34.8



#56
Bromoform
Concen: 3.808 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 173 Resp: 3528
Ion Ratio Lower Upper
173 100
175 50.8 38.6 58.0
254 0.0 0.0 0.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

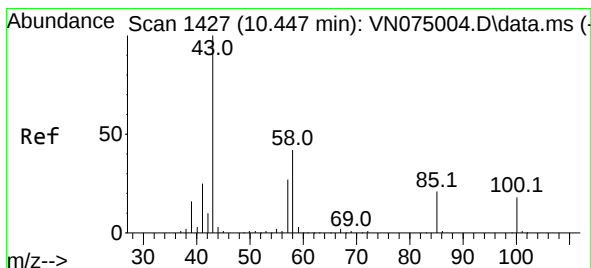
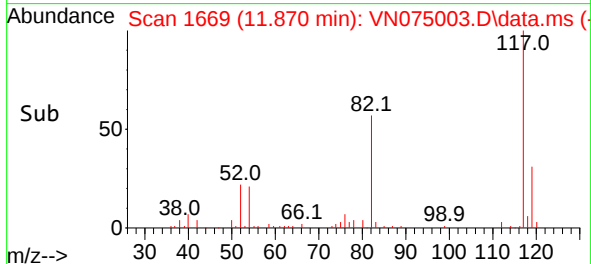
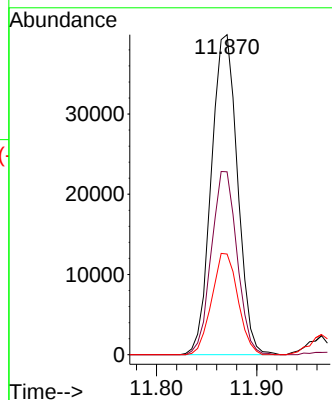
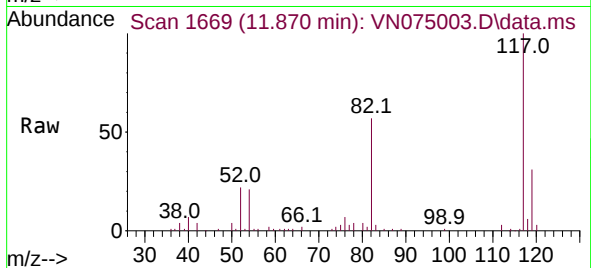
Tgt Ion:117 Resp: 72570

Ion Ratio Lower Upper

117 100

82 56.1 43.6 65.4

119 31.6 25.8 38.6



#58

4-Methyl-2-Pentanone

Concen: 26.882 ug/l

RT: 10.453 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

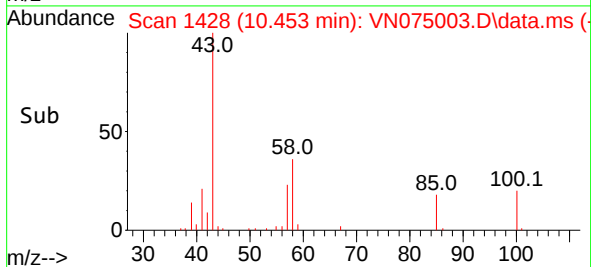
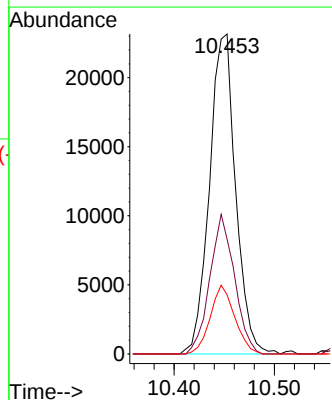
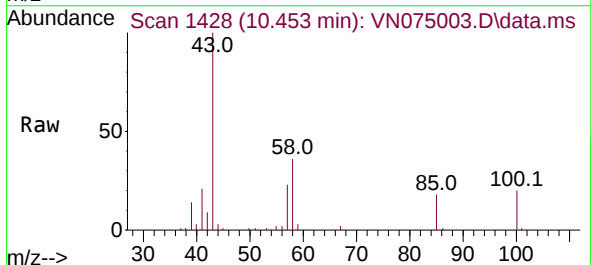
Tgt Ion: 43 Resp: 42079

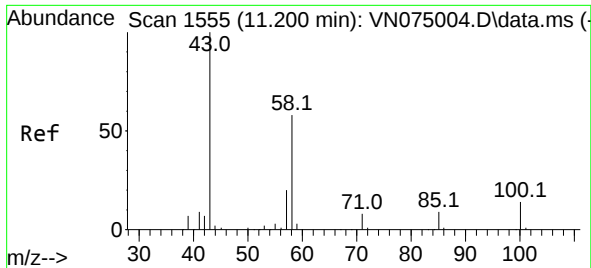
Ion Ratio Lower Upper

43 100

58 41.0 30.0 45.0

85 20.1 15.0 22.6

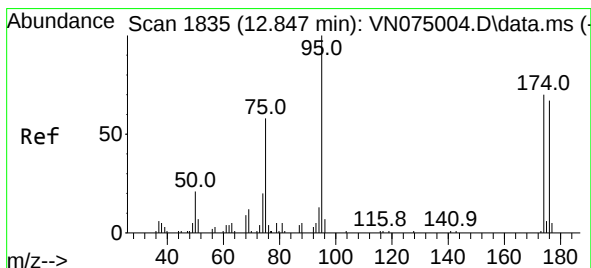
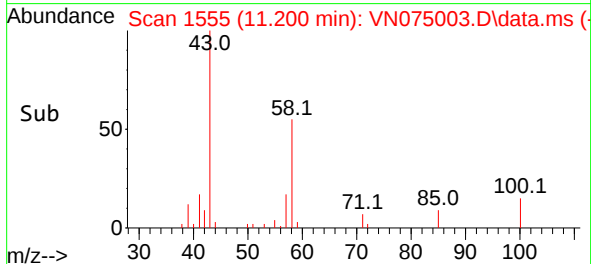
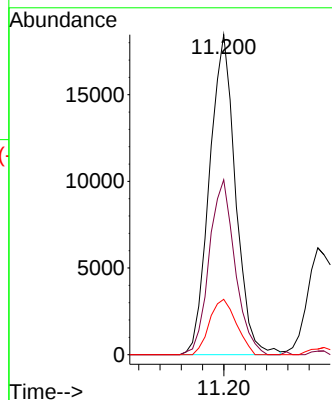
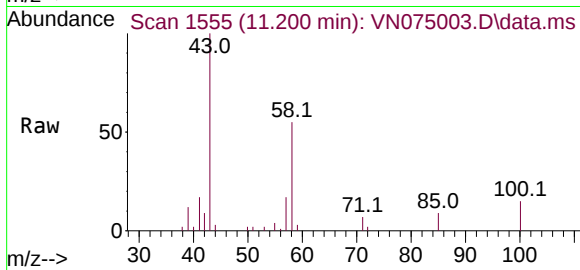




#59
2-Hexanone
Concen: 26.087 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

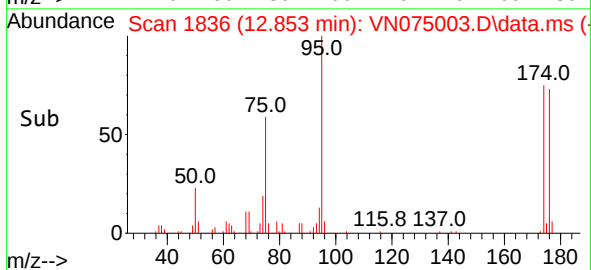
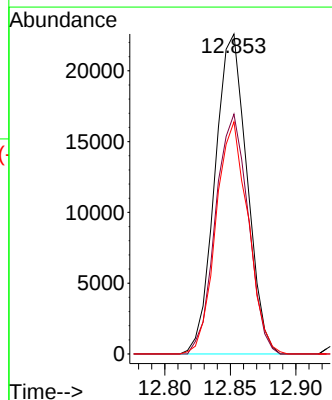
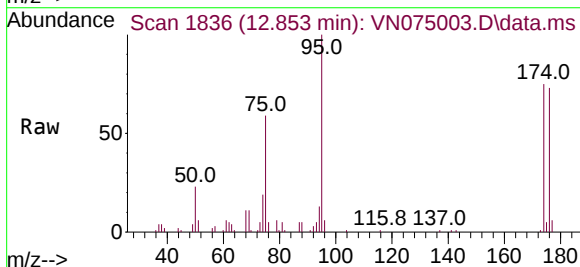
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

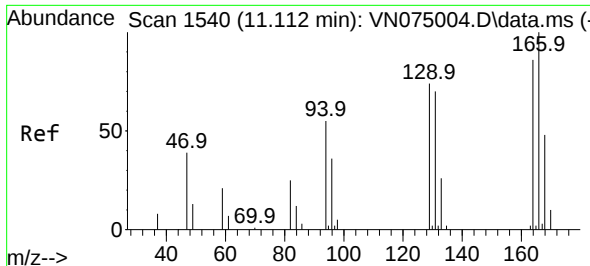
Tgt Ion: 43 Resp: 31325
Ion Ratio Lower Upper
43 100
58 54.1 42.2 63.2
57 17.8 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 26.948 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 95 Resp: 38425
Ion Ratio Lower Upper
95 100
174 76.2 62.9 94.3
176 72.8 61.0 91.4

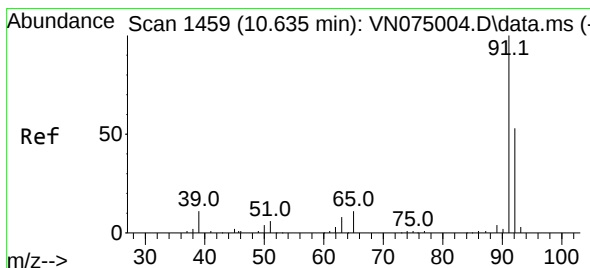
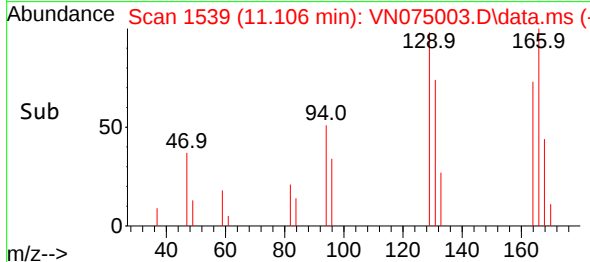
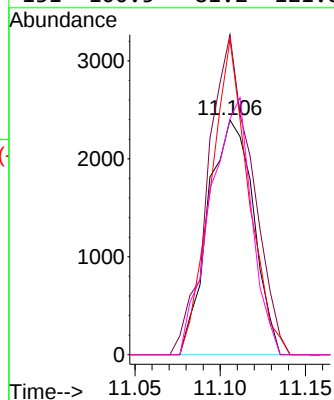
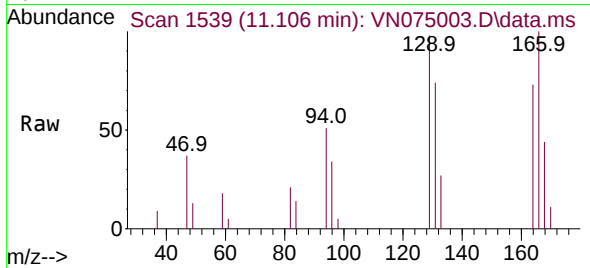




#61
Tetrachloroethene
Concen: 5.490 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

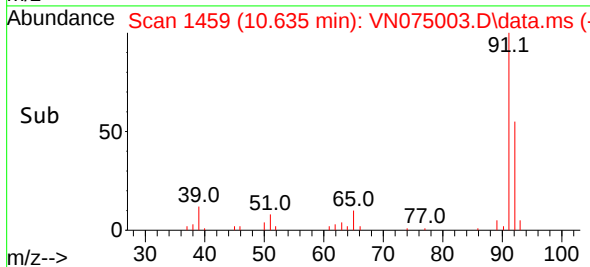
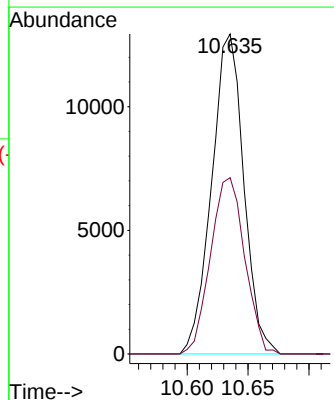
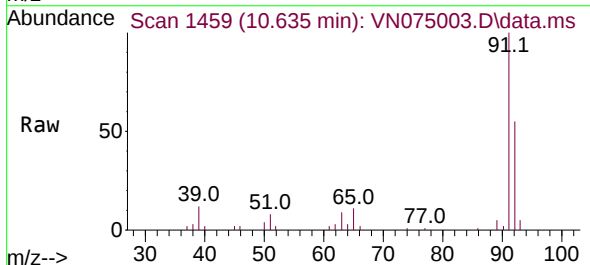
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

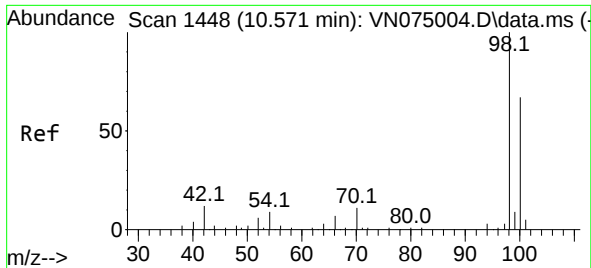
Tgt Ion:164 Resp: 4431
Ion Ratio Lower Upper
164 100
166 128.5 105.8 158.8
129 134.3 82.5 123.7#
131 100.5 81.2 121.8



#62
Toluene
Concen: 5.057 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 91 Resp: 23761
Ion Ratio Lower Upper
91 100
92 58.6 44.6 67.0

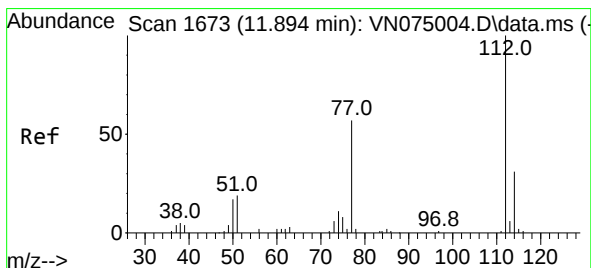
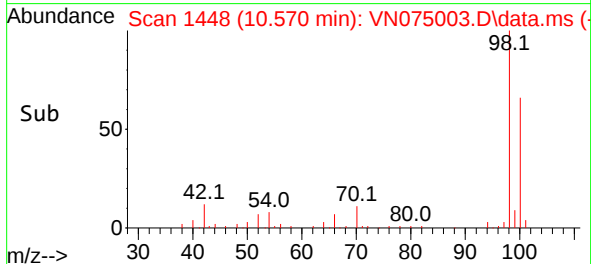
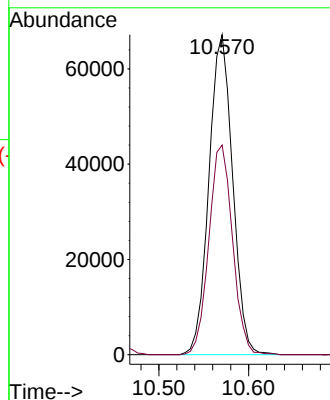
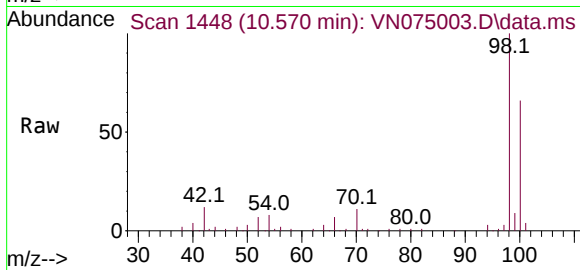




#63
Toluene-d8
Concen: 30.372 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

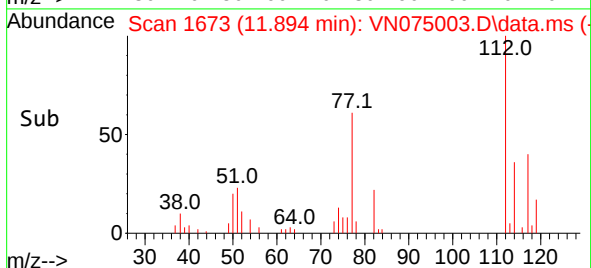
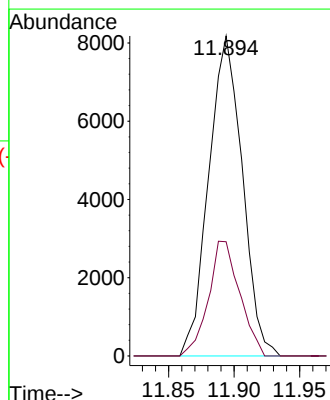
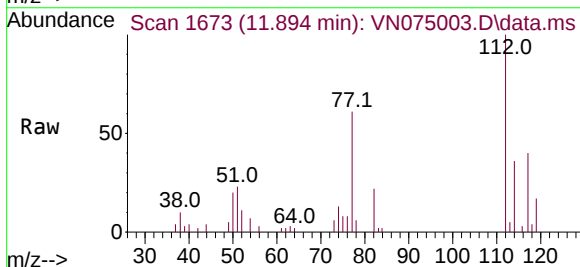
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

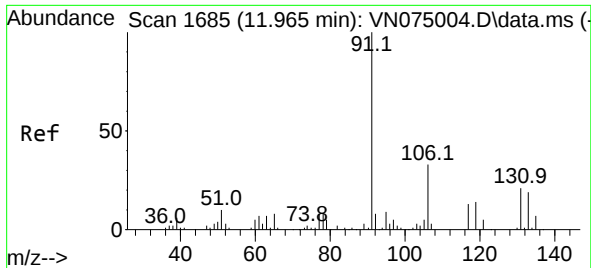
Tgt Ion: 98 Resp: 123273
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0



#64
Chlorobenzene
Concen: 5.001 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 112 Resp: 14562
Ion Ratio Lower Upper
112 100
114 35.7 25.8 38.6

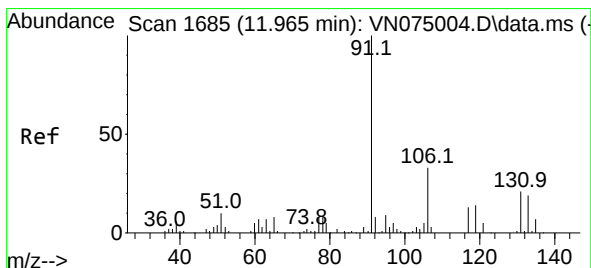
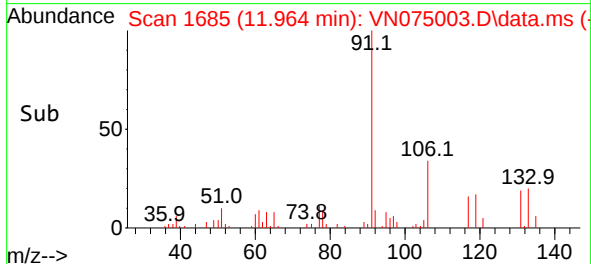
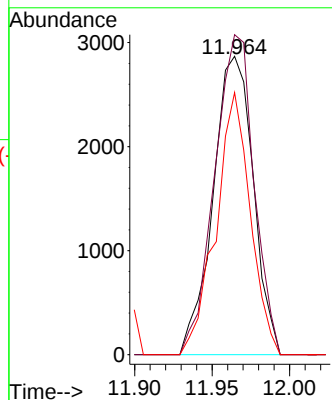
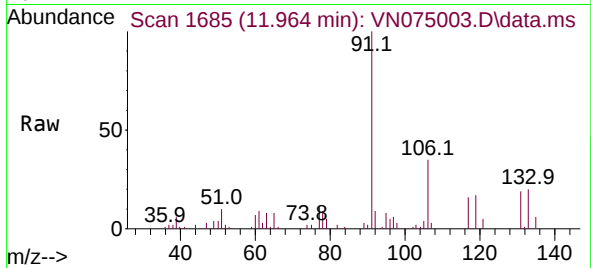




#65
1,1,1,2-Tetrachloroethane
Concen: 4.658 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

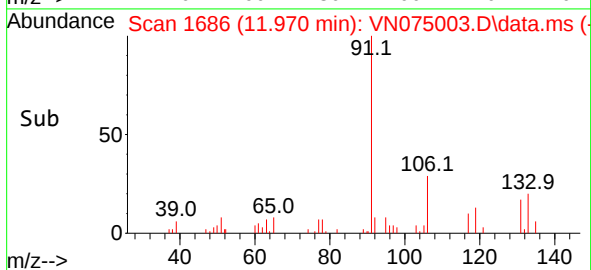
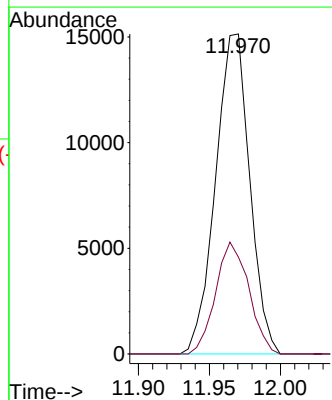
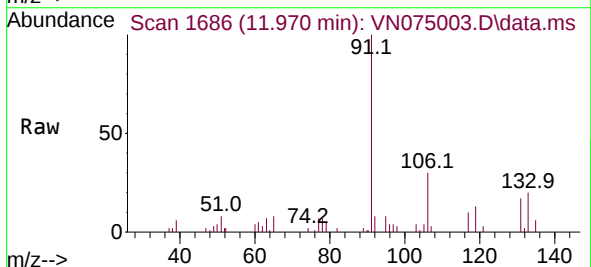
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

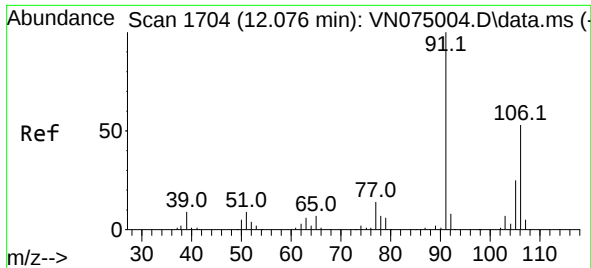
Tgt Ion:131 Resp: 5181
Ion Ratio Lower Upper
131 100
133 105.2 0.0 191.2
119 75.2 0.0 128.8



#66
Ethyl Benzene
Concen: 4.789 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 91 Resp: 25357
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0

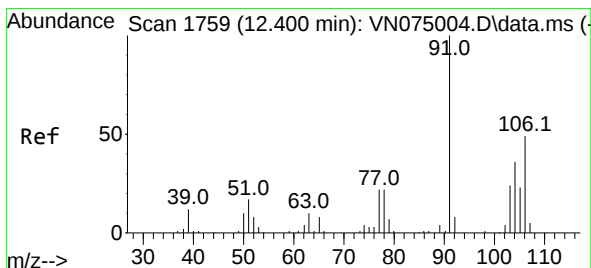
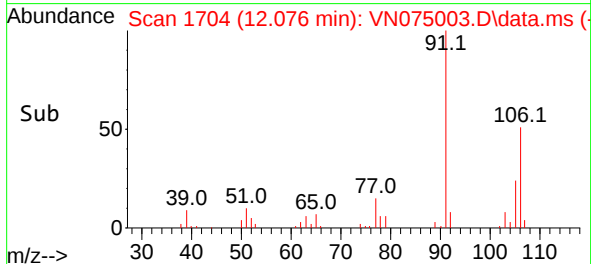
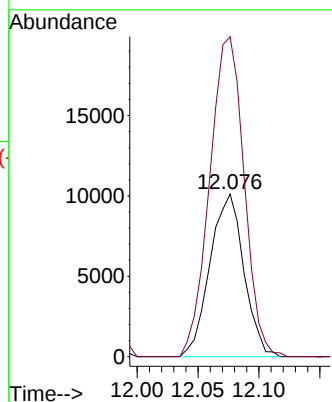
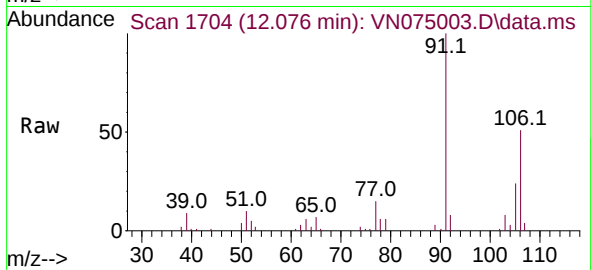




#67
m/p-Xylenes
Concen: 9.204 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

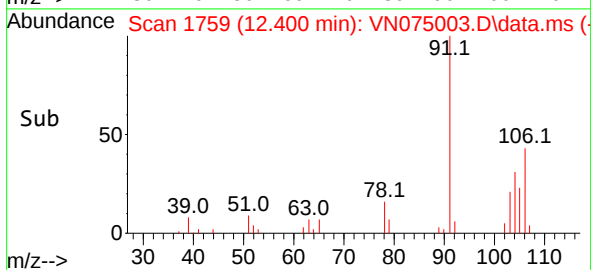
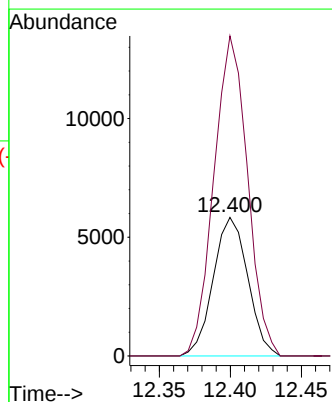
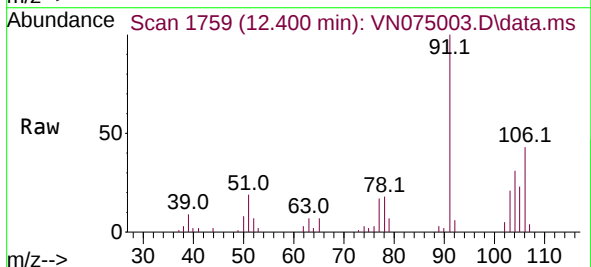
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

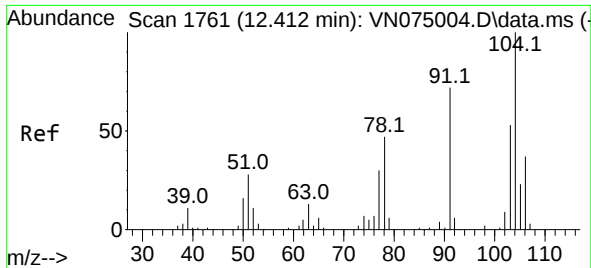
Tgt Ion:106 Resp: 19547
Ion Ratio Lower Upper
106 100
91 200.2 162.9 244.3



#68
o-Xylene
Concen: 4.632 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion:106 Resp: 9888
Ion Ratio Lower Upper
106 100
91 224.7 107.7 323.1

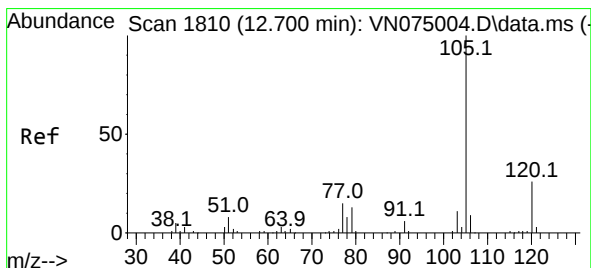
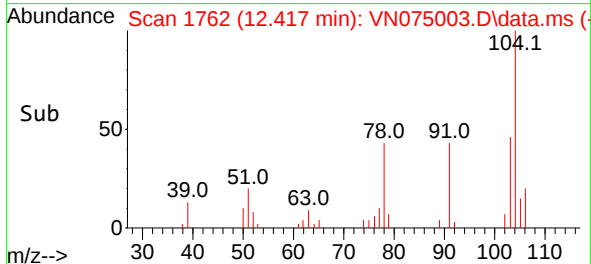
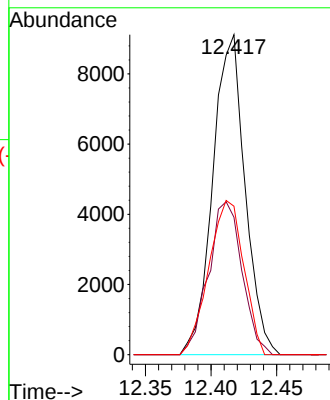
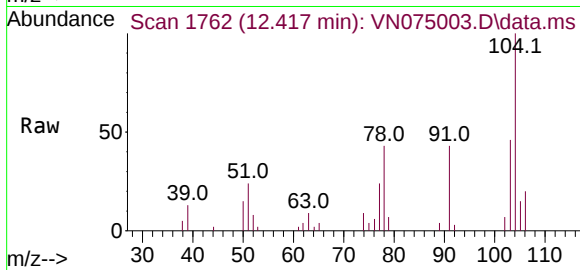




#69
Styrene
Concen: 4.470 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

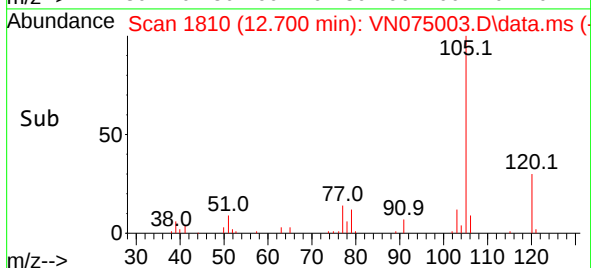
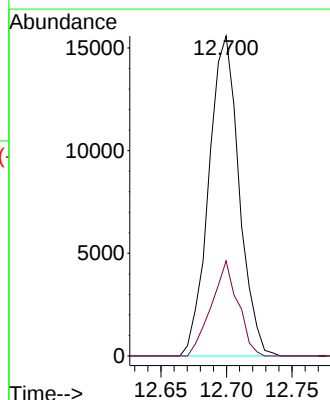
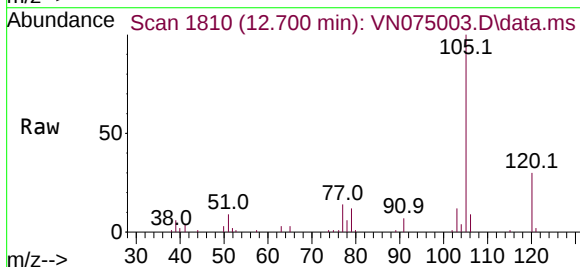
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

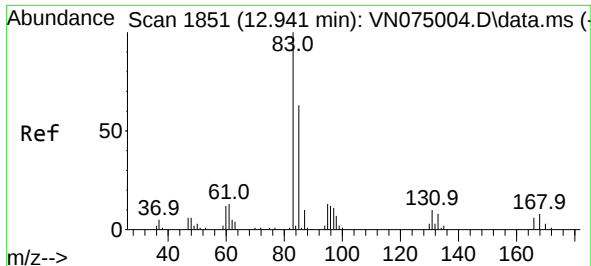
Tgt Ion:104 Resp: 15604
Ion Ratio Lower Upper
104 100
78 49.9 40.7 61.1
103 52.3 45.8 68.8



#70
Isopropylbenzene
Concen: 4.512 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion:105 Resp: 25096
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1

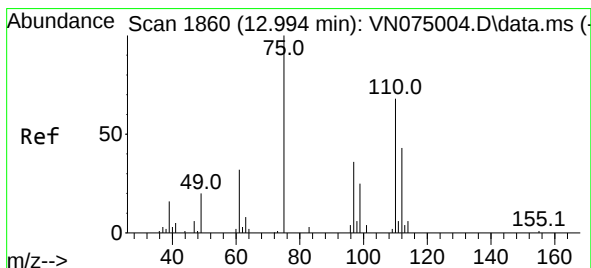
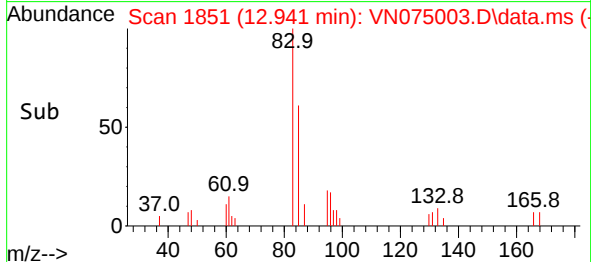
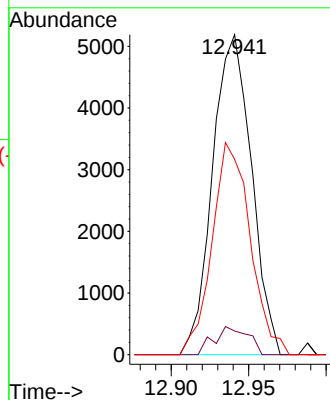
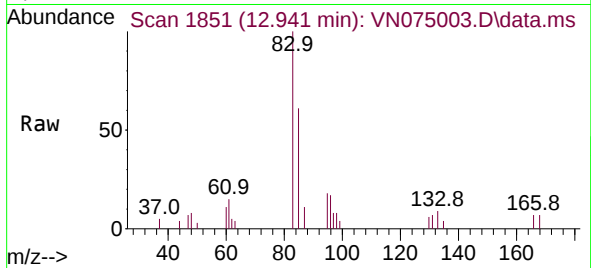




#71
1,1,2,2-Tetrachloroethane
Concen: 5.000 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

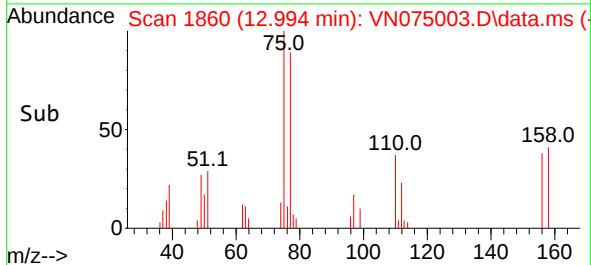
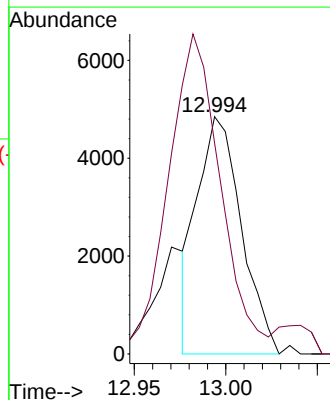
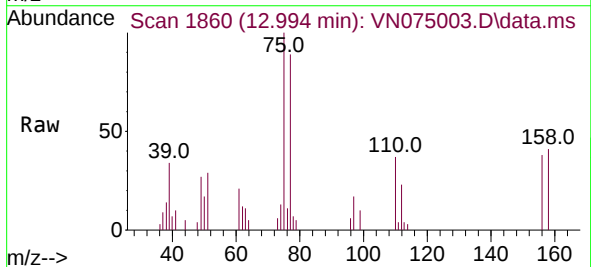
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

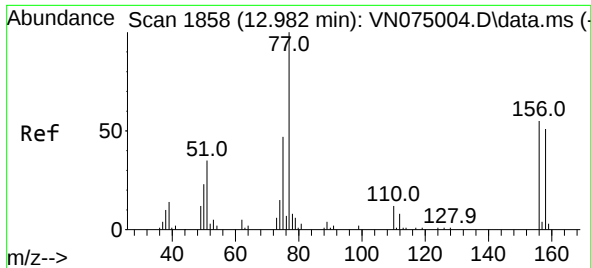
Tgt Ion: 83 Resp: 9059
Ion Ratio Lower Upper
83 100
131 7.6 5.1 15.3
85 65.1 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 5.357 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 75 Resp: 8122
Ion Ratio Lower Upper
75 100
77 159.4 0.0 378.0

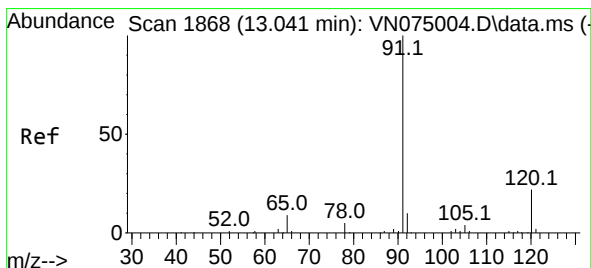
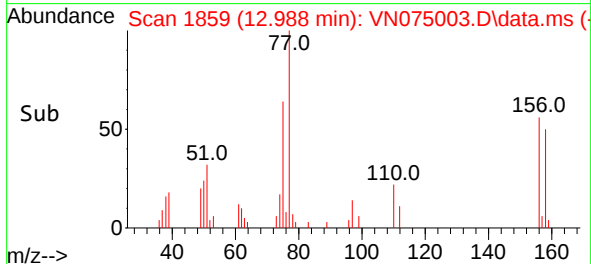
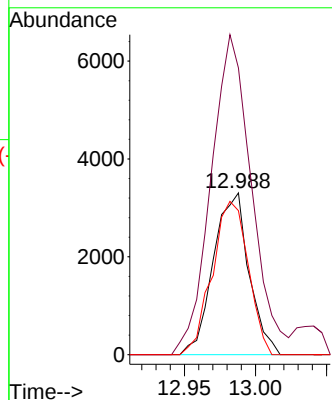
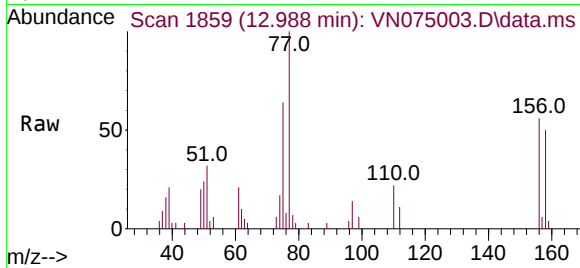




#73
Bromobenzene
Concen: 4.655 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

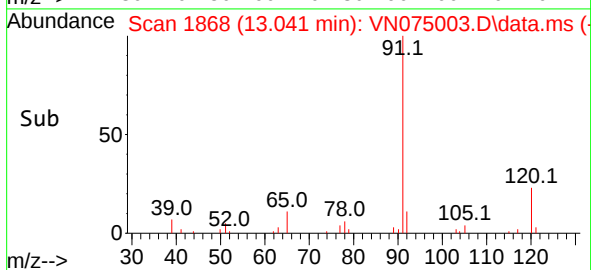
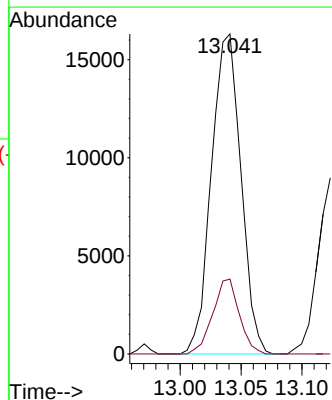
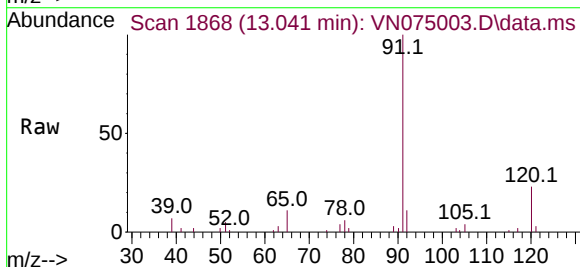
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

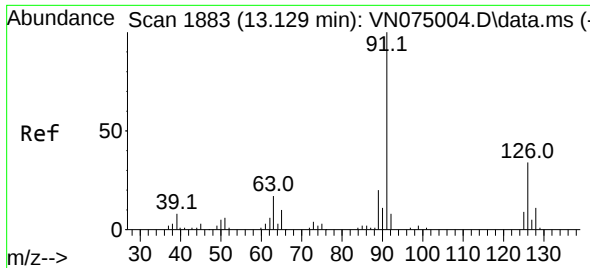
Tgt Ion:156 Resp: 5763
Ion Ratio Lower Upper
156 100
77 224.7 0.0 416.0
158 96.0 0.0 195.4



#74
n-propylbenzene
Concen: 4.421 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 91 Resp: 27533
Ion Ratio Lower Upper
91 100
120 21.0 0.0 45.0

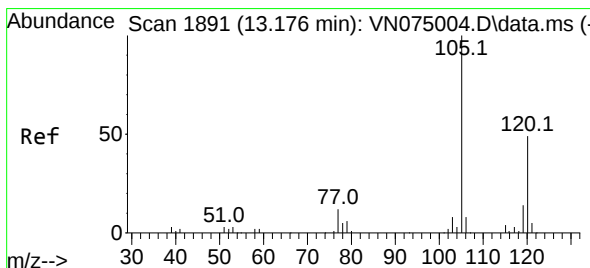
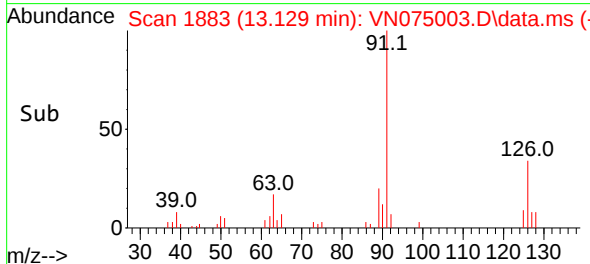
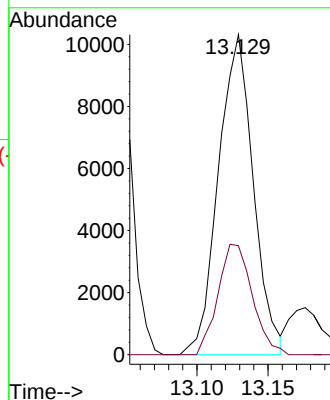
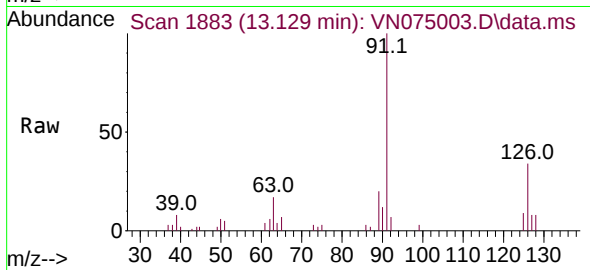




#75
2-Chlorotoluene
Concen: 4.670 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

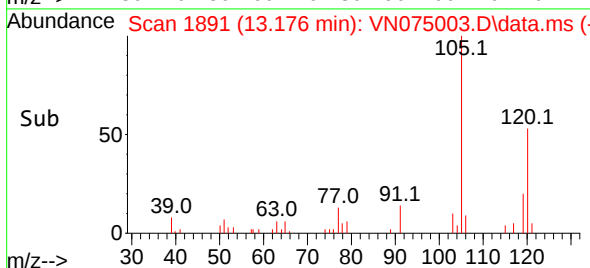
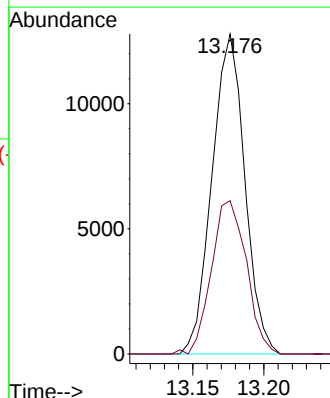
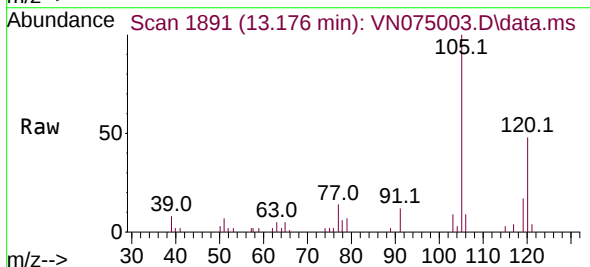
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

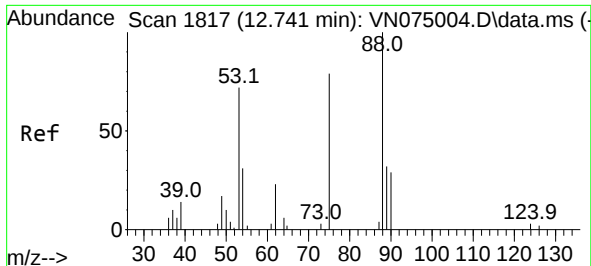
Tgt Ion: 91 Resp: 17595
Ion Ratio Lower Upper
91 100
126 34.0 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 4.349 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 105 Resp: 20507
Ion Ratio Lower Upper
105 100
120 50.8 0.0 93.8





#77

t-1,4-Dichloro-2-butene

Concen: 3.718 ug/l

RT: 12.741 min Scan# 1817

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

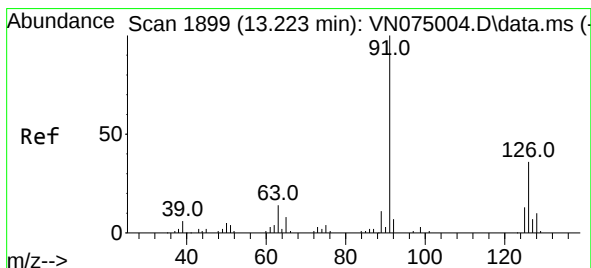
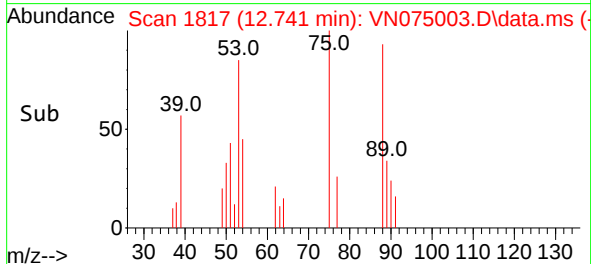
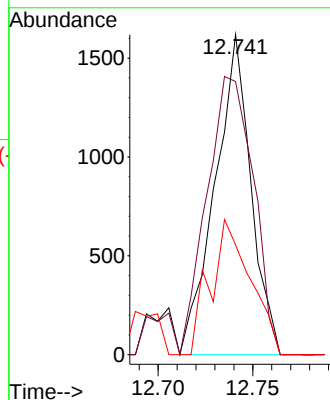
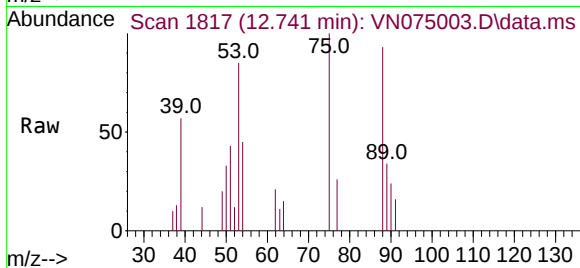
Tgt Ion: 75 Resp: 2134

Ion Ratio Lower Upper

75 100

53 85.4 51.8 155.5

89 34.3 22.9 68.7



#78

4-Chlorotoluene

Concen: 4.342 ug/l

RT: 13.223 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN075003.D

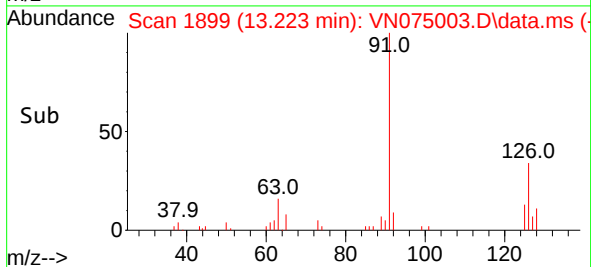
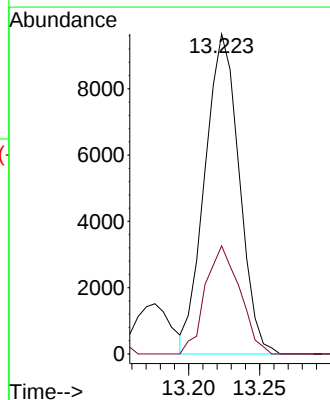
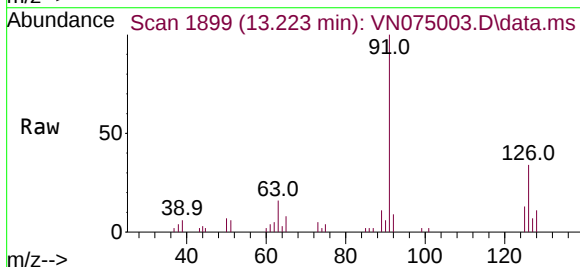
Acq: 25 Oct 2022 10:58

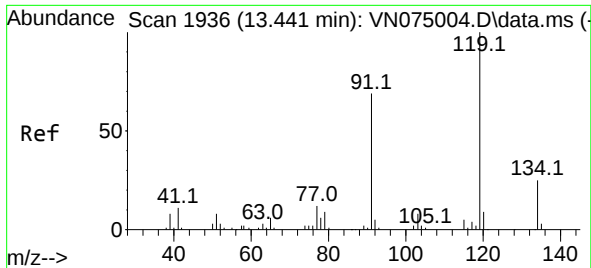
Tgt Ion: 91 Resp: 16239

Ion Ratio Lower Upper

91 100

126 34.0 0.0 70.6

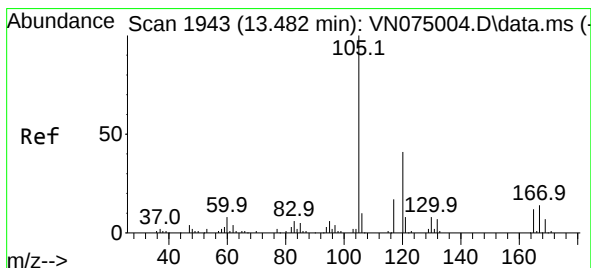
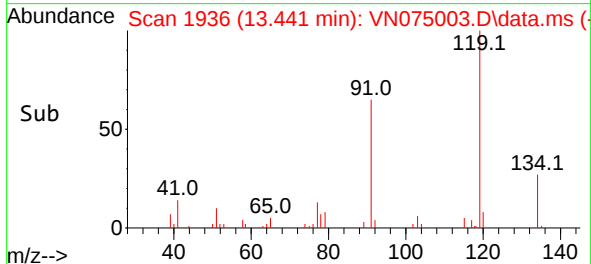
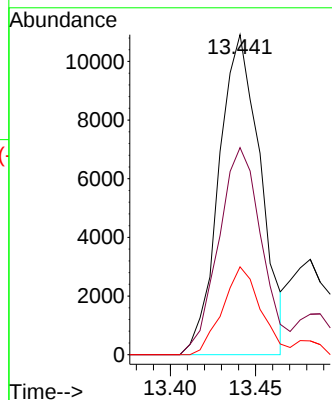
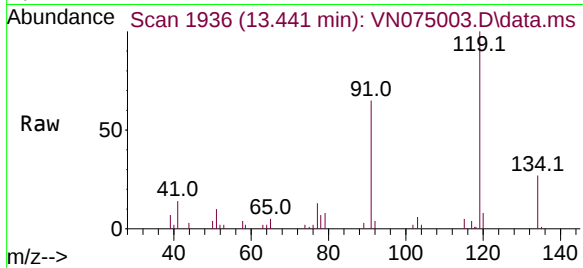




#79
tert-butylbenzene
Concen: 4.407 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

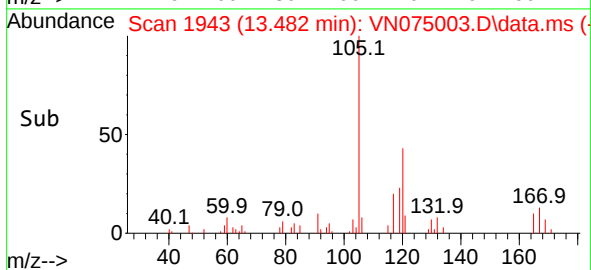
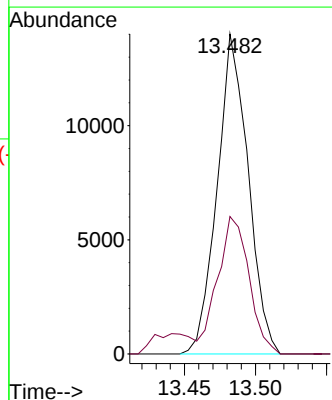
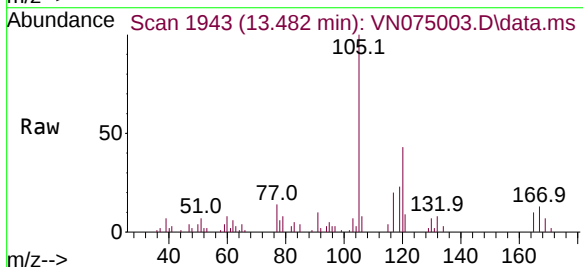
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

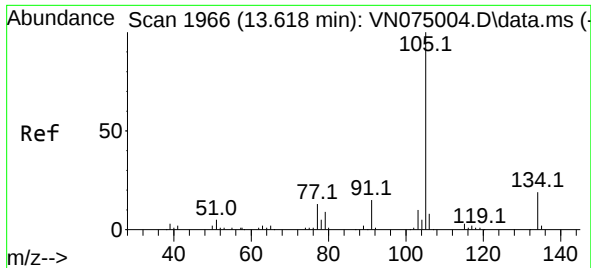
Tgt Ion:119 Resp: 18540
Ion Ratio Lower Upper
119 100
91 67.6 0.0 137.0
134 25.2 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 4.438 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion:105 Resp: 21241
Ion Ratio Lower Upper
105 100
120 43.6 0.0 0.2#

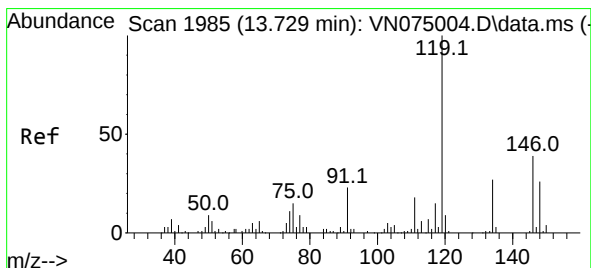
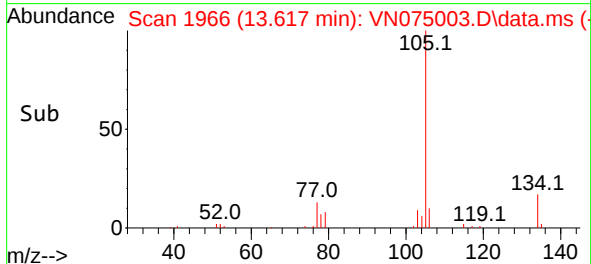
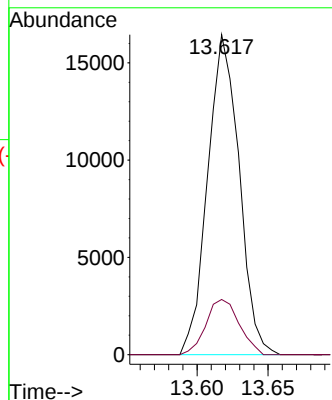
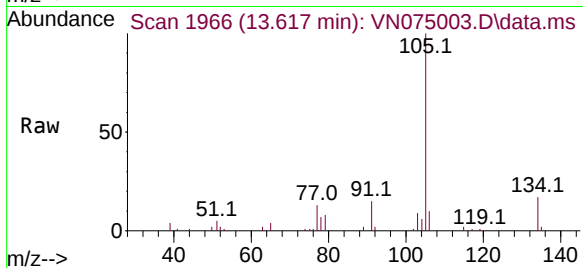




#81
 sec-Butylbenzene
 Concen: 5.075 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075003.D
 Acq: 25 Oct 2022 10:58

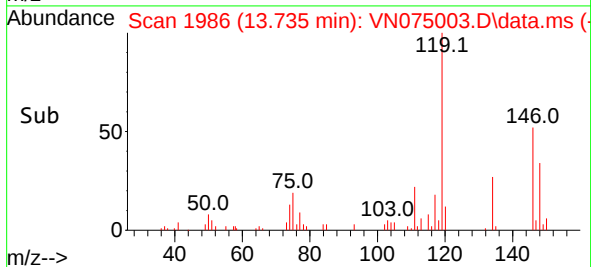
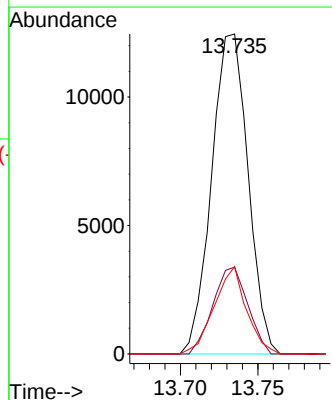
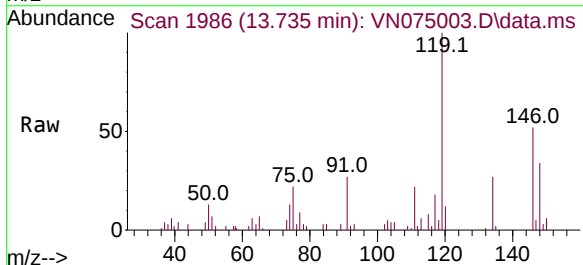
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

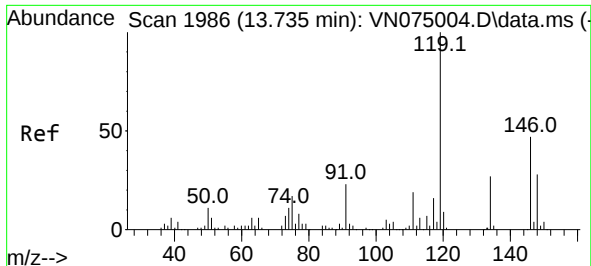
Tgt Ion:105 Resp: 25356
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 4.080 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075003.D
 Acq: 25 Oct 2022 10:58

Tgt Ion:119 Resp: 20354
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.1 0.0 50.4

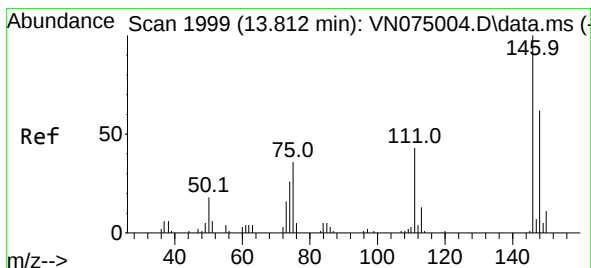
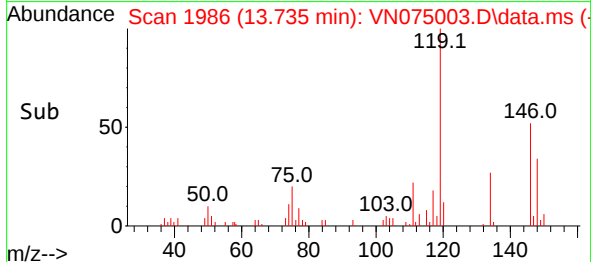
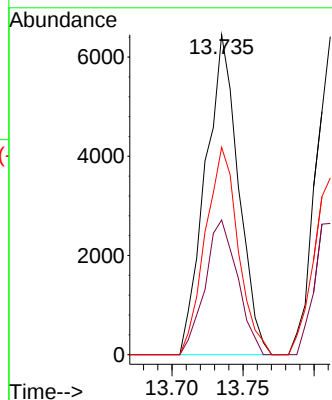
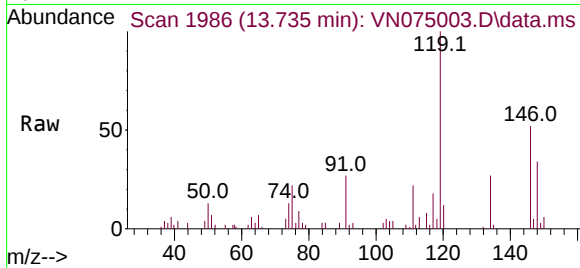




#83
 1,3-Dichlorobenzene
 Concen: 4.263 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075003.D
 Acq: 25 Oct 2022 10:58

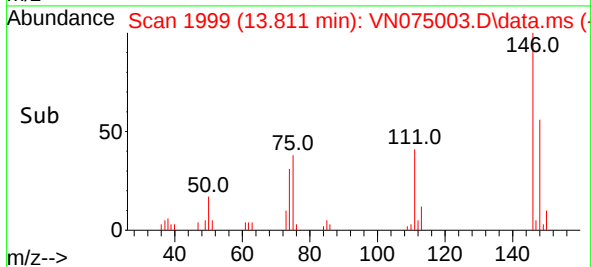
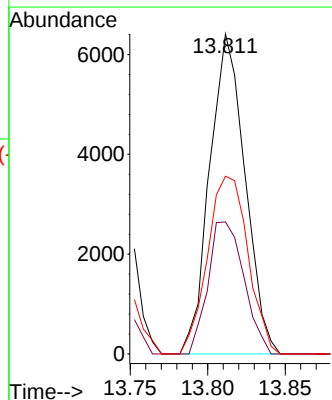
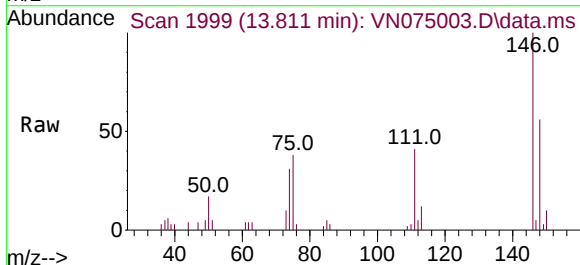
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

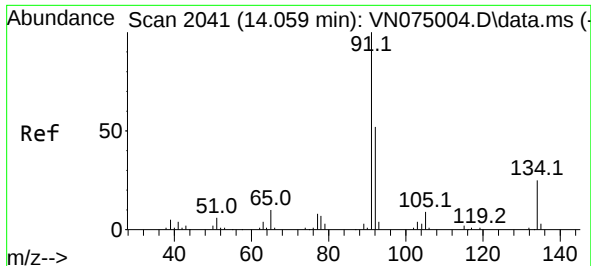
Tgt Ion:146 Resp: 10438
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.2
 148 64.5 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 4.307 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075003.D
 Acq: 25 Oct 2022 10:58

Tgt Ion:146 Resp: 10174
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.5 58.5
 148 63.5 31.1 93.5

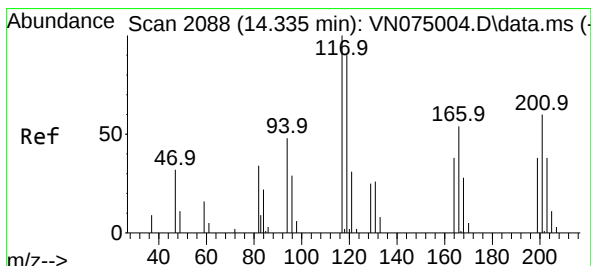
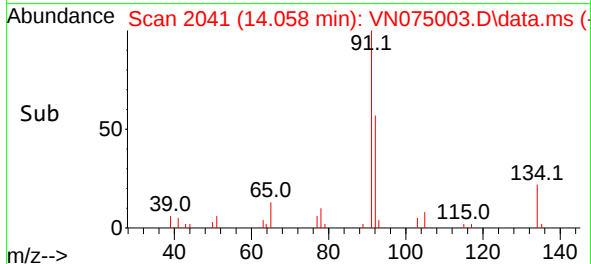
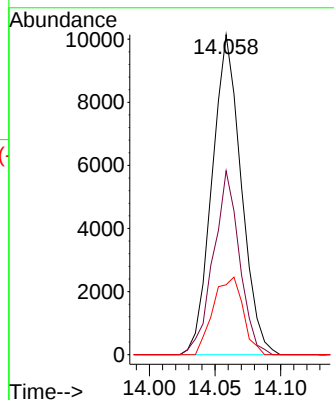
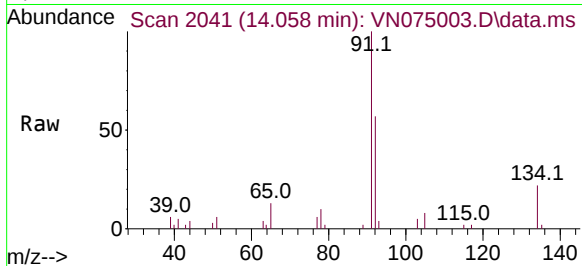




#85
n-Butylbenzene
Concen: 3.923 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

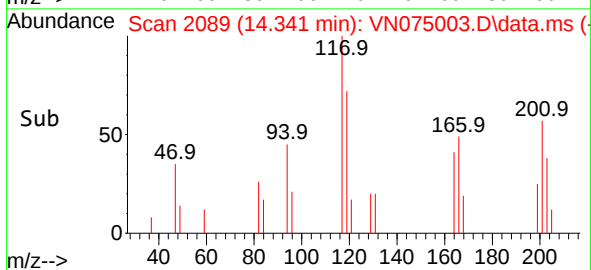
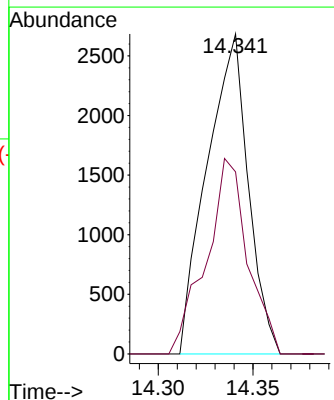
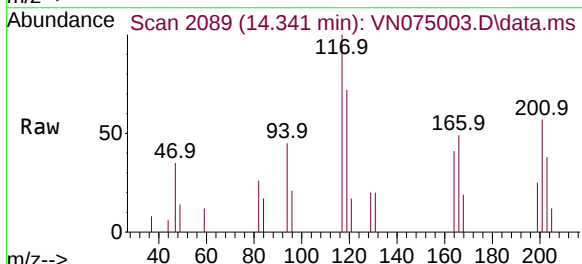
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

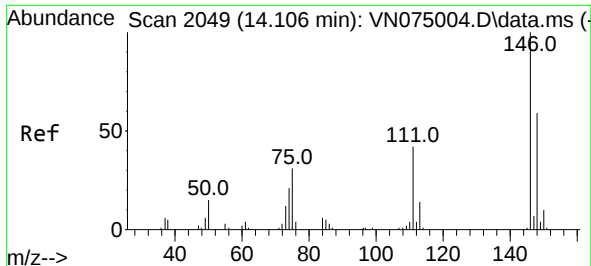
Tgt Ion: 91 Resp: 15698
Ion Ratio Lower Upper
91 100
92 51.5 0.0 100.6
134 24.8 0.0 50.2



#86
Hexachloroethane
Concen: 4.392 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075003.D
Acq: 25 Oct 2022 10:58

Tgt Ion: 117 Resp: 4061
Ion Ratio Lower Upper
117 100
201 61.7 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 4.442 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

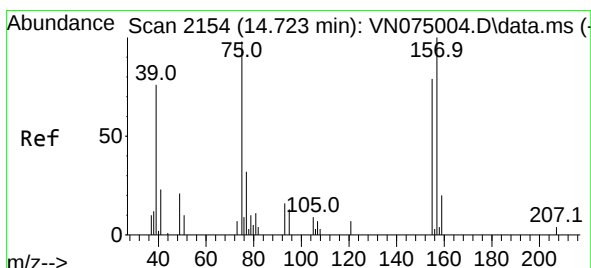
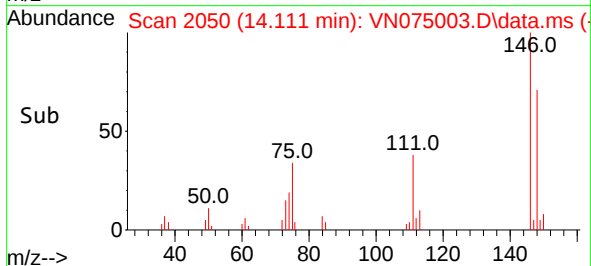
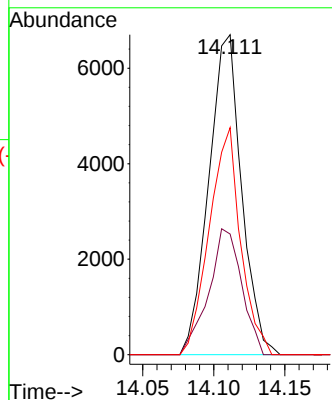
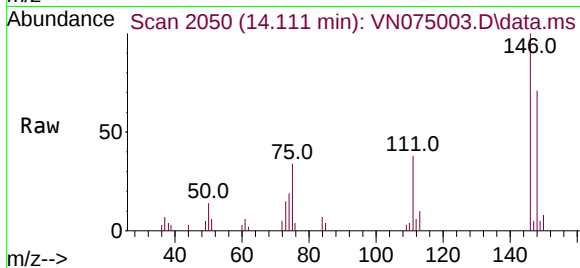
Tgt Ion:146 Resp: 10757

Ion Ratio Lower Upper

146 100

111 39.6 21.4 64.2

148 67.7 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.107 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

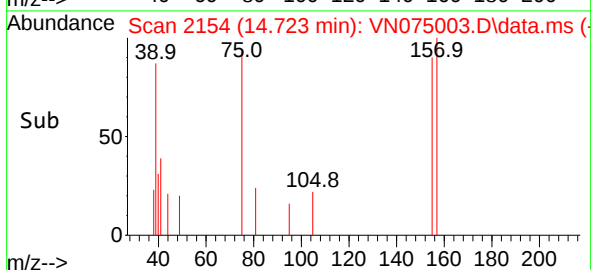
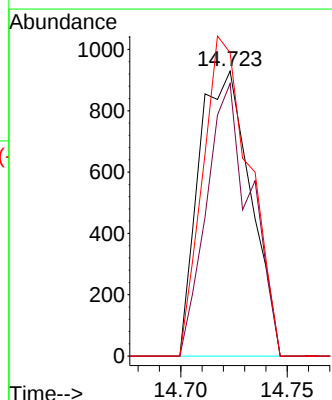
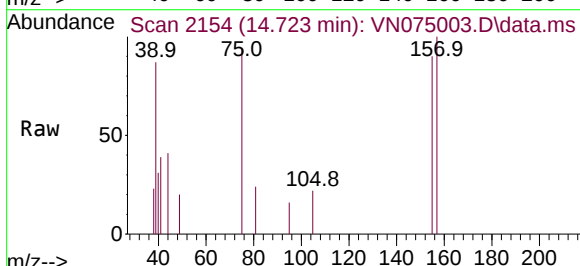
Tgt Ion: 75 Resp: 1564

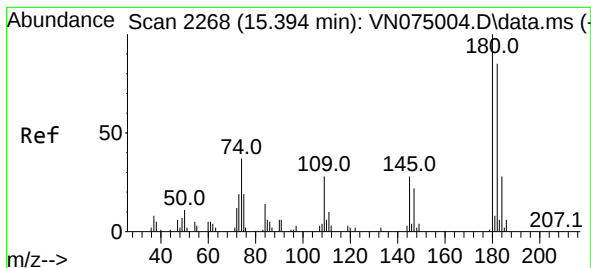
Ion Ratio Lower Upper

75 100

155 82.0 63.8 95.8

157 102.0 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 3.903 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

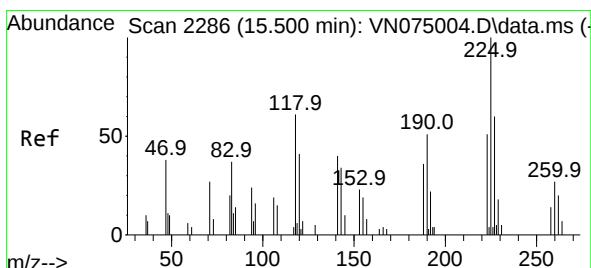
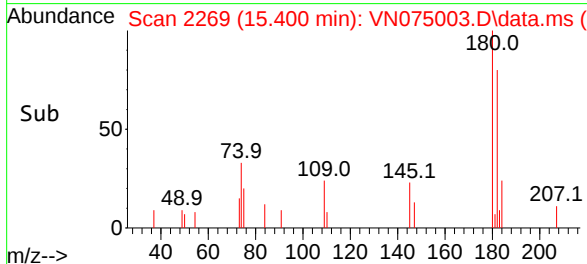
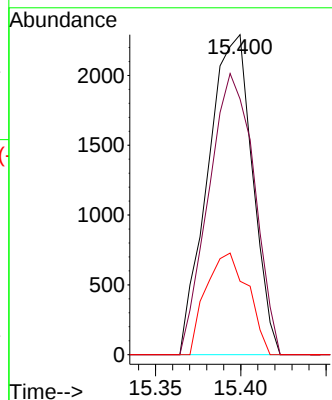
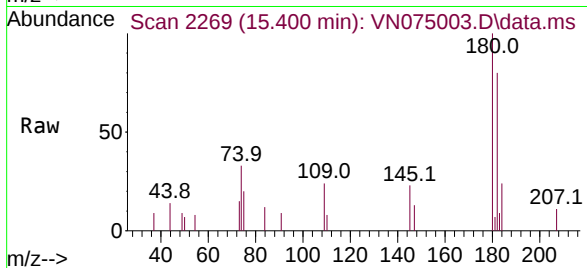
Tgt Ion:180 Resp: 4175

Ion Ratio Lower Upper

180 100

182 89.8 77.7 116.5

145 29.8 26.6 39.8



#90

Hexachlorobutadiene

Concen: 4.564 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

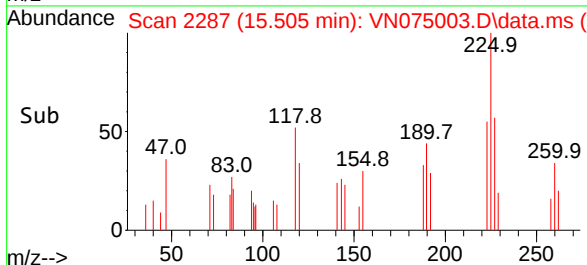
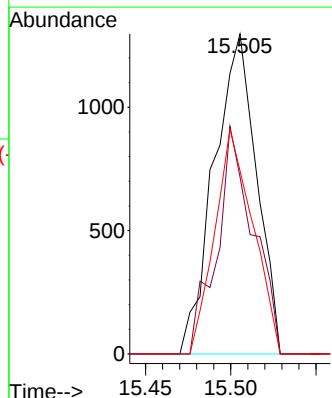
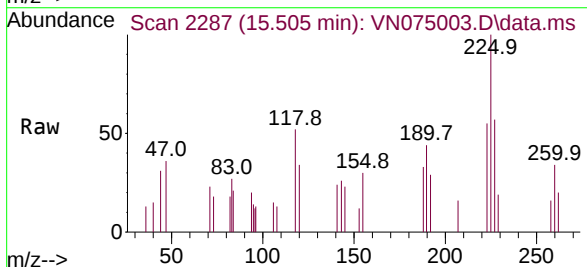
Tgt Ion:225 Resp: 2245

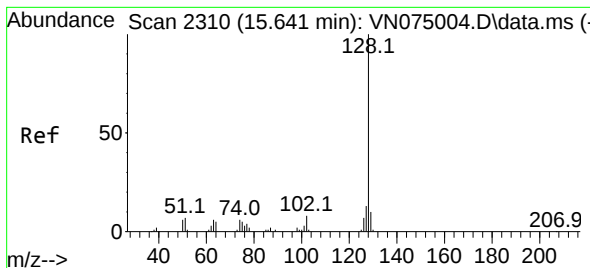
Ion Ratio Lower Upper

225 100

223 61.2 0.0 126.8

227 63.3 0.0 123.0





#91

Naphthalene

Concen: 4.150 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

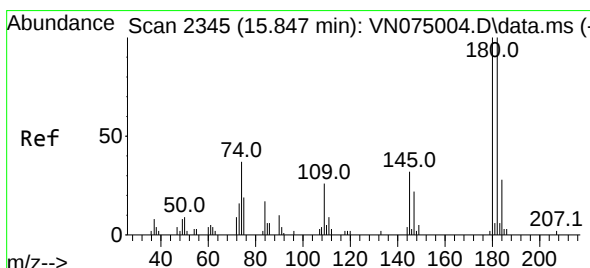
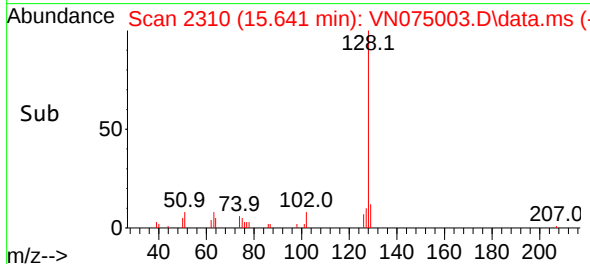
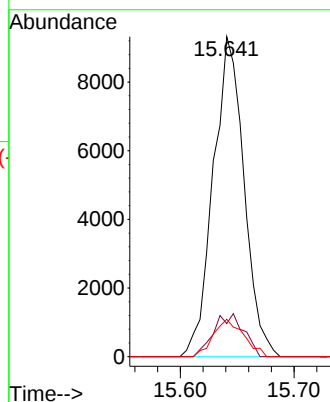
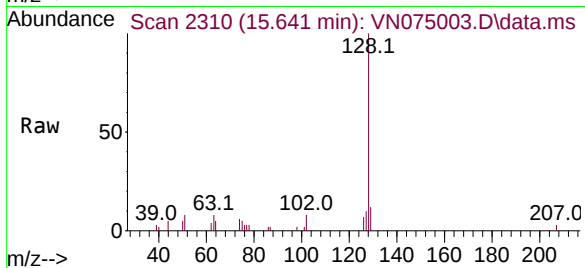
Tgt Ion:128 Resp: 17593

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.5 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 4.223 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.006 min

Lab File: VN075003.D

Acq: 25 Oct 2022 10:58

Tgt Ion:180 Resp: 4572

Ion Ratio Lower Upper

180 100

182 93.8 0.0 190.0

145 28.8 0.0 67.8

