

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075663.D
 Acq On : 09 Dec 2022 12:33
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 12 08:15:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	207104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	336513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	292633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	2542	1.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.320%#
35) Dibromofluoromethane	8.171	113	2273	1.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.220%#
50) Toluene-d8	10.565	98	7810	1.013	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.020%#
62) 4-Bromofluorobenzene	12.853	95	3181	1.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.420%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	1512	0.993	ug/l	95
3) Chloromethane	2.371	50	2166	1.194	ug/l	99
4) Vinyl Chloride	2.530	62	2320	1.041	ug/l #	72
5) Bromomethane	2.959	94	2098	1.105	ug/l	81
6) Chloroethane	3.124	64	1792	1.077	ug/l	95
7) Trichlorofluoromethane	3.506	101	3177	0.982	ug/l	97
8) Diethyl Ether	3.983	74	1257	1.063	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	903	0.476	ug/l #	17
10) Methyl Iodide	4.601	142	2794	0.901	ug/l #	93
11) Tert butyl alcohol	5.542	59	1874	5.765	ug/l #	72
12) 1,1-Dichloroethene	4.359	96	1730	0.975	ug/l #	80
13) Acrolein	4.206	56	2160	5.769	ug/l	95
14) Allyl chloride	5.030	41	1980	0.896	ug/l	98
15) Acrylonitrile	5.736	53	4144	4.935	ug/l #	57
16) Acetone	4.453	43	4157	5.586	ug/l	93
17) Carbon Disulfide	4.724	76	5304	1.130	ug/l	100
18) Methyl Acetate	5.036	43	3100	1.296	ug/l #	58
19) Methyl tert-butyl Ether	5.812	73	5484	0.919	ug/l	98
20) Methylene Chloride	5.283	84	2698	1.216	ug/l #	91
21) trans-1,2-Dichloroethene	5.795	96	2044	1.031	ug/l #	74
22) Diisopropyl ether	6.689	45	4539	0.903	ug/l #	92
23) Vinyl Acetate	6.612	43	14581	3.804	ug/l	98
24) 1,1-Dichloroethane	6.571	63	3101	0.937	ug/l #	79
25) 2-Butanone	7.500	43	5497	5.053	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	2737	0.970	ug/l	92
27) cis-1,2-Dichloroethene	7.489	96	2622	1.089	ug/l	94
28) Bromochloromethane	7.818	49	1121	0.847	ug/l #	81
29) Tetrahydrofuran	7.853	42	3102	4.626	ug/l	97
30) Chloroform	7.971	83	3359	0.916	ug/l	96
31) Cyclohexane	8.224	56	3699	1.137	ug/l #	43
32) 1,1,1-Trichloroethane	8.177	97	3067	0.907	ug/l #	50
36) 1,1-Dichloropropene	8.383	75	2556	0.938	ug/l	98
37) Ethyl Acetate	7.571	43	2145	0.980	ug/l #	75
38) Carbon Tetrachloride	8.371	117	3066	0.975	ug/l	84
39) Methylcyclohexane	9.606	83	2956	0.855	ug/l	96
40) Benzene	8.606	78	7851	0.938	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	997	0.888	ug/l #	92
42) 1,2-Dichloroethane	8.683	62	2692	0.962	ug/l #	71
43) Isopropyl Acetate	8.694	43	3304	0.904	ug/l	98
44) Trichloroethene	9.353	130	2295	0.972	ug/l	89
45) 1,2-Dichloropropane	9.630	63	1923	0.966	ug/l	96
46) Dibromomethane	9.712	93	1309	0.876	ug/l	93
47) Bromodichloromethane	9.894	83	2655	0.906	ug/l #	79
48) Methyl methacrylate	9.688	41	1506	0.895	ug/l	94
49) 1,4-Dioxane	9.700	88	667	16.304	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	10266	4.556	ug/l	94
52) Toluene	10.635	92	4739	0.857	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	2301	0.795	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	2828	0.879	ug/l #	91
55) 1,1,2-Trichloroethane	11.012	97	1981	0.911	ug/l #	90
56) Ethyl methacrylate	10.877	69	2491	0.845	ug/l	93
57) 1,3-Dichloropropane	11.165	76	3248	0.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	3395	3.903	ug/l	93
59) 2-Hexanone	11.200	43	7290	4.453	ug/l	90
60) Dibromochloromethane	11.359	129	2038	0.852	ug/l	95
61) 1,2-Dibromoethane	11.471	107	2305	1.012	ug/l	90
64) Tetrachloroethene	11.106	164	2312	1.085	ug/l	89
65) Chlorobenzene	11.894	112	6179	1.026	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	1903	0.869	ug/l #	57
67) Ethyl Benzene	11.971	91	9284	0.911	ug/l	89
68) m/p-Xylenes	12.076	106	7329	1.781	ug/l	98
69) o-Xylene	12.400	106	3340	0.836	ug/l	94
70) Styrene	12.412	104	5054	0.789	ug/l	97
71) Bromoform	12.576	173	1413	0.851	ug/l #	93
73) Isopropylbenzene	12.700	105	8356	0.943	ug/l	95
74) N-amyl acetate	12.494	43	2409	0.936	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	3076	1.155	ug/l #	86
76) 1,2,3-Trichloropropane	12.994	75	3310	1.335	ug/l	74
77) Bromobenzene	12.982	156	2339	1.049	ug/l	98
78) n-propylbenzene	13.041	91	9123	0.928	ug/l	97
79) 2-Chlorotoluene	13.129	91	6367	1.049	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	6502	0.878	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.735	75	543	3.362	ug/l #	85
82) 4-Chlorotoluene	13.129	91	6367	1.049	ug/l	96
83) tert-Butylbenzene	13.441	119	6270	0.933	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	6566	0.882	ug/l	99
85) sec-Butylbenzene	13.618	105	8099	0.877	ug/l	99
86) p-Isopropyltoluene	13.735	119	6328	0.819	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	4357	1.045	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	4357	1.028	ug/l	96
89) n-Butylbenzene	14.059	91	5500	0.888	ug/l	99
90) Hexachloroethane	14.341	117	1129	0.853	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	4460	1.075	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	393	0.898	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	1897	0.953	ug/l	94
94) Hexachlorobutadiene	15.500	225	1045	0.925	ug/l	94
95) Naphthalene	15.641	128	6421	1.091	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	1950	0.997	ug/l	88

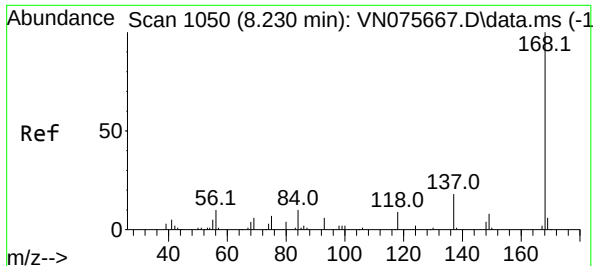
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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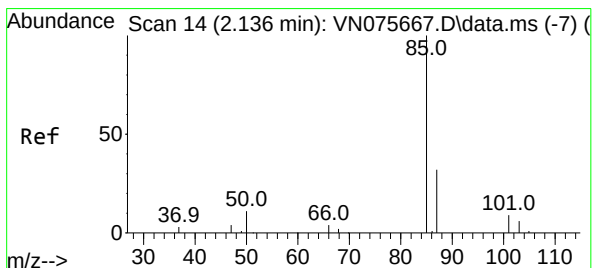
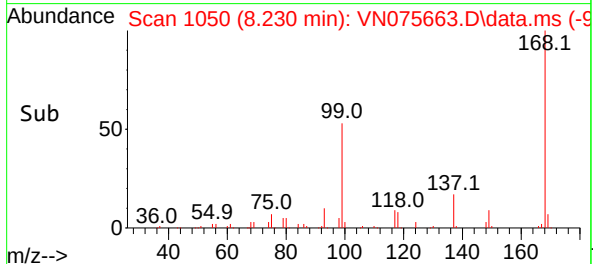
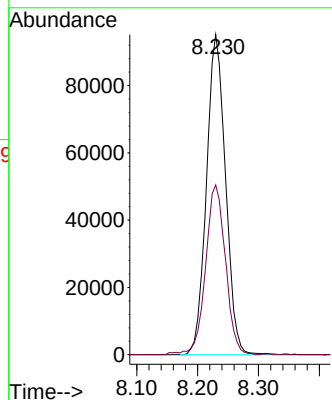
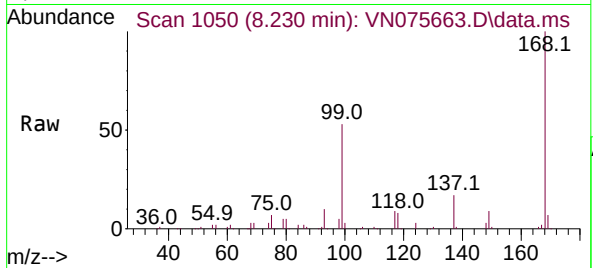
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
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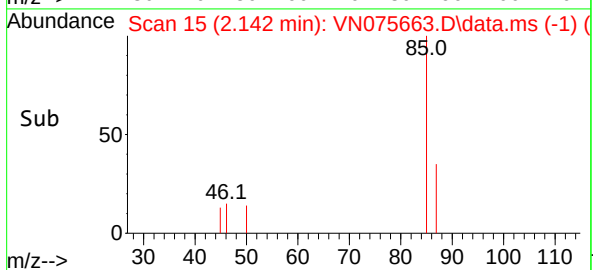
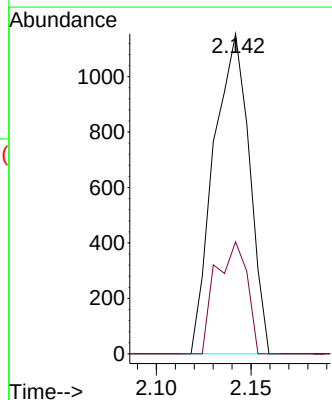
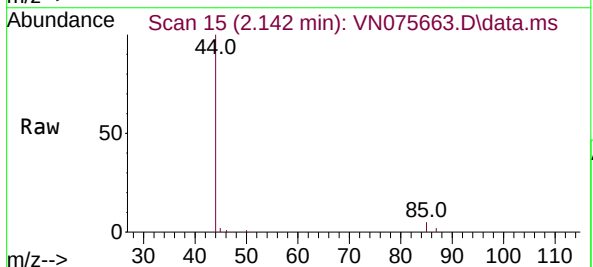
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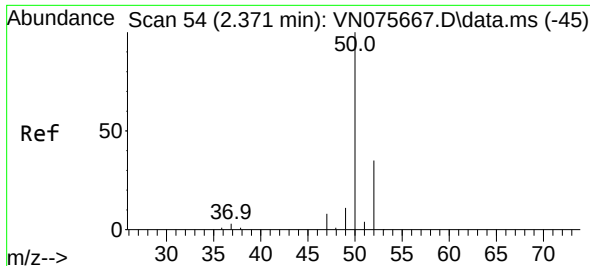
Tgt Ion:168 Resp: 207104
Ion Ratio Lower Upper
168 100
99 53.1 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 0.993 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 85 Resp: 1512
Ion Ratio Lower Upper
85 100
87 35.0 16.1 48.2

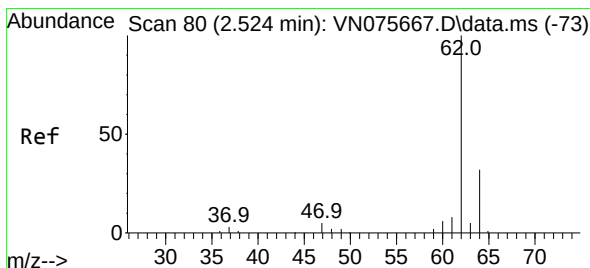
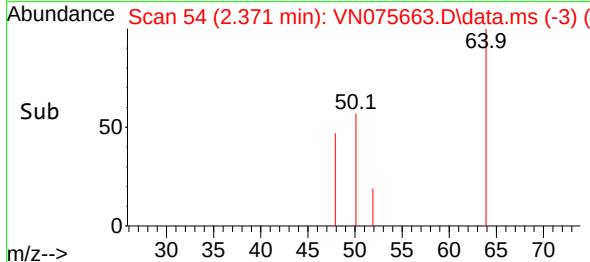
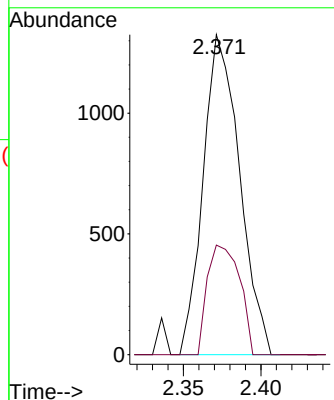
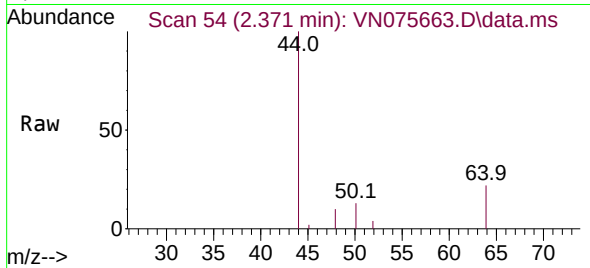




#3
Chloromethane
Concen: 1.194 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

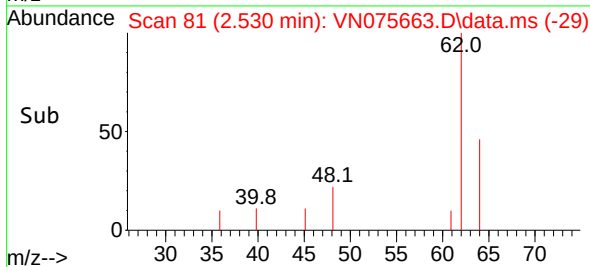
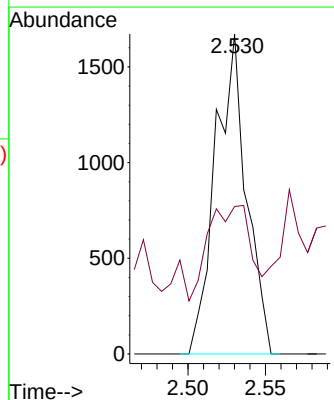
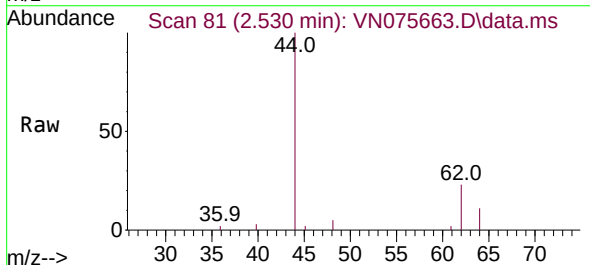
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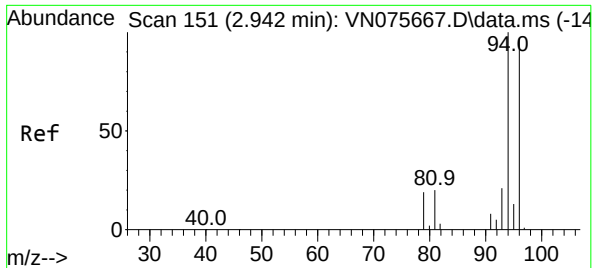
Tgt Ion: 50 Resp: 2166
Ion Ratio Lower Upper
50 100
52 34.3 27.9 41.9



#4
Vinyl Chloride
Concen: 1.041 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 62 Resp: 2320
Ion Ratio Lower Upper
62 100
64 16.7 25.9 38.9#

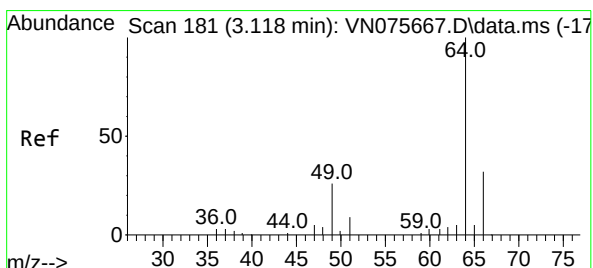
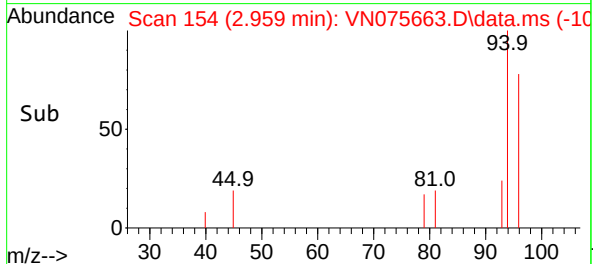
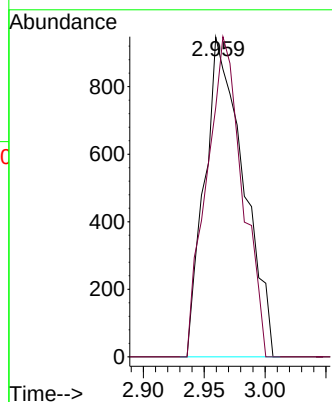
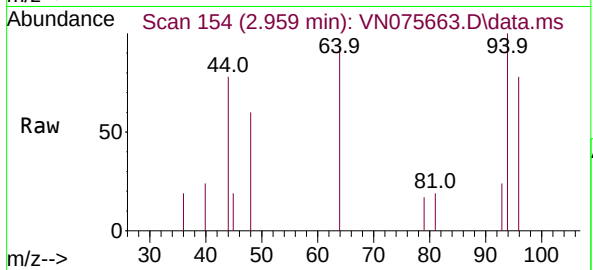




#5
Bromomethane
Concen: 1.105 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

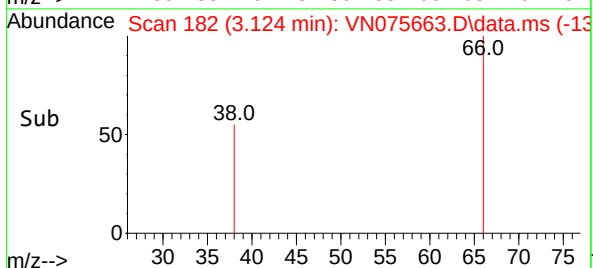
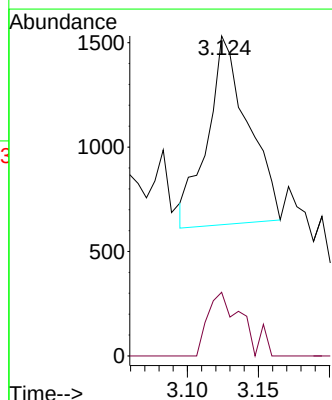
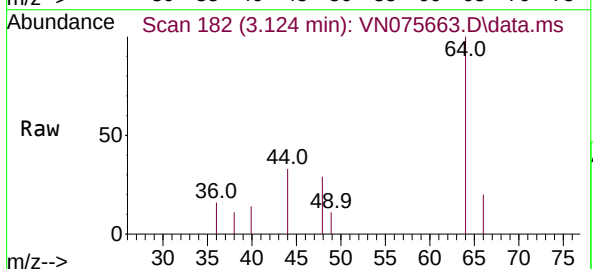
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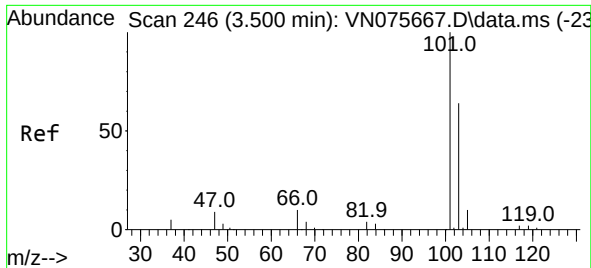
Tgt Ion: 94 Resp: 2098
Ion Ratio Lower Upper
94 100
96 77.9 77.6 116.4



#6
Chloroethane
Concen: 1.077 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 64 Resp: 1792
Ion Ratio Lower Upper
64 100
66 34.6 25.7 38.5

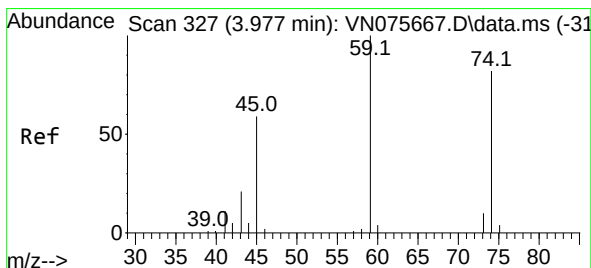
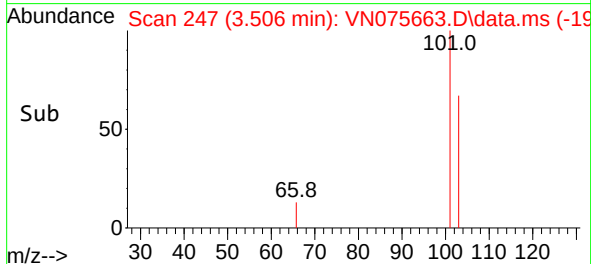
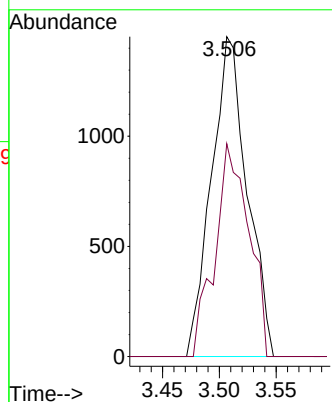
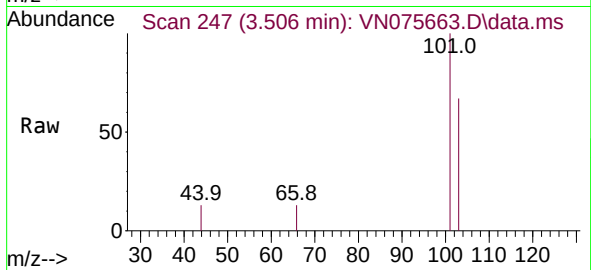




#7
 Trichlorofluoromethane
 Concen: 0.982 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

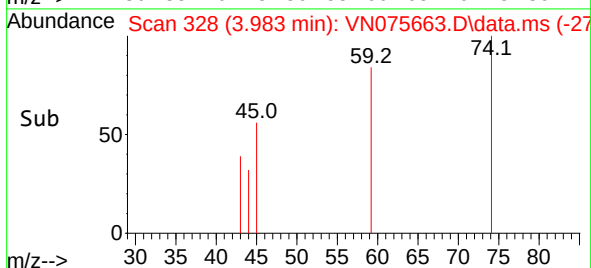
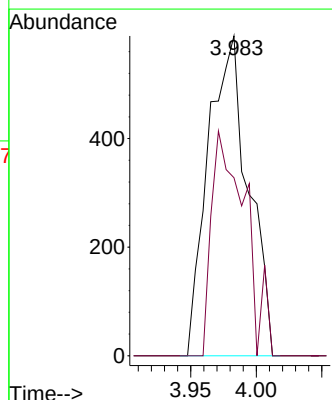
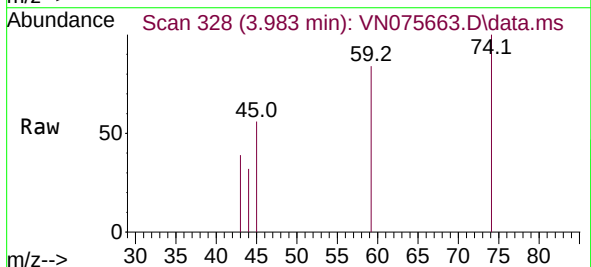
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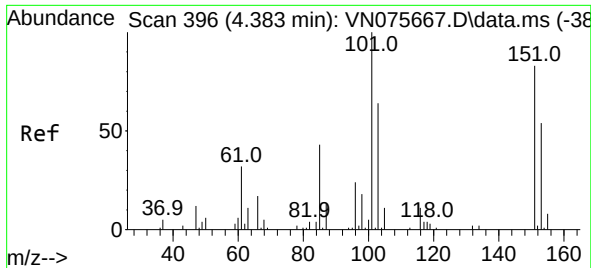
Tgt Ion:101 Resp: 3177
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 1.063 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

Tgt Ion: 74 Resp: 1257
 Ion Ratio Lower Upper
 74 100
 45 59.0 36.8 110.4

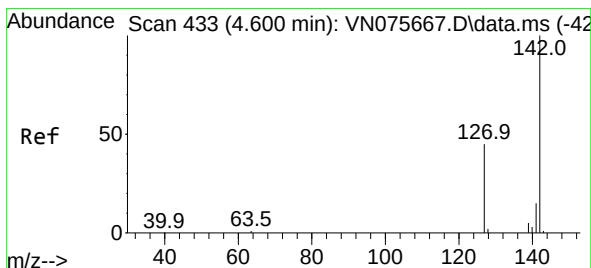
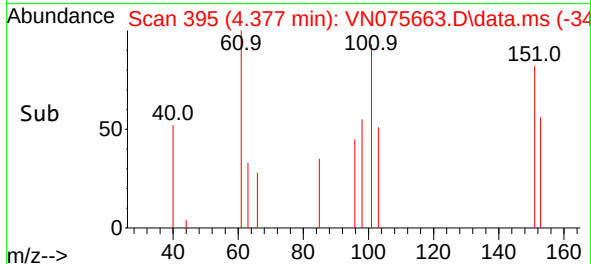
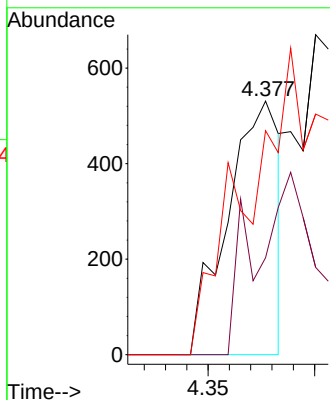
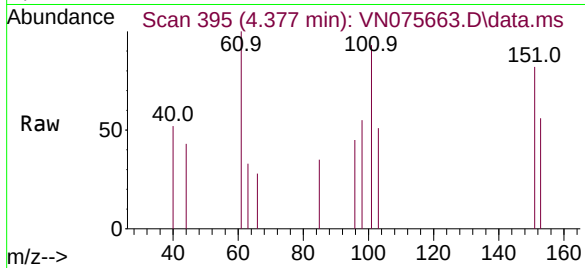




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.476 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075663.D
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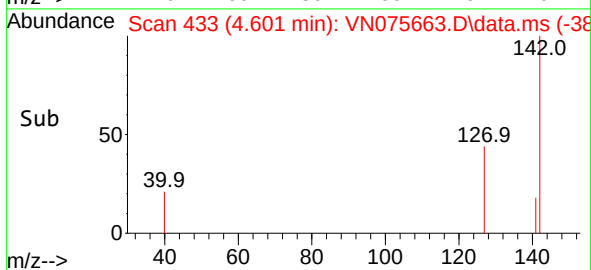
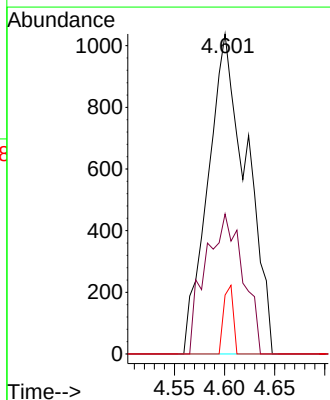
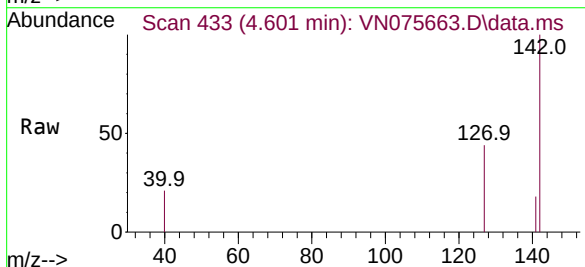
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ClientSampleId :
VSTDIC001

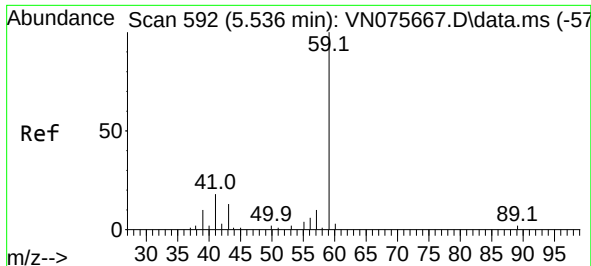
Tgt Ion:101 Resp: 903
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 65.6 98.4#



#10
Methyl Iodide
Concen: 0.901 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion:142 Resp: 2794
Ion Ratio Lower Upper
142 100
127 42.3 35.0 52.4
141 5.2 11.4 17.2#

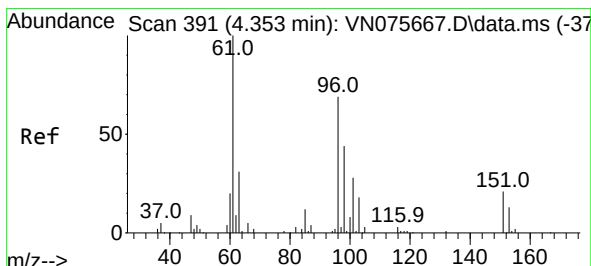
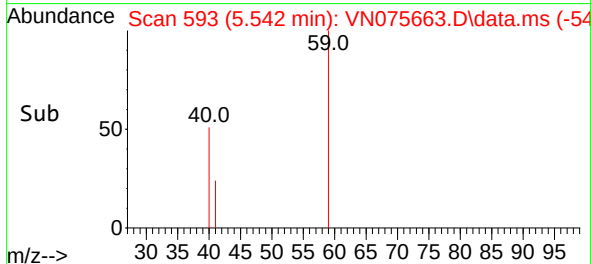
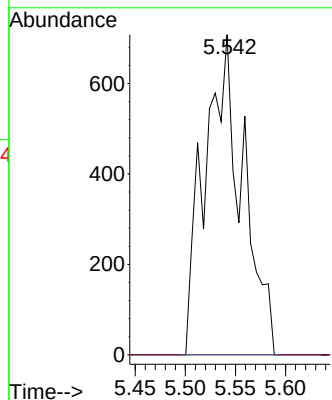
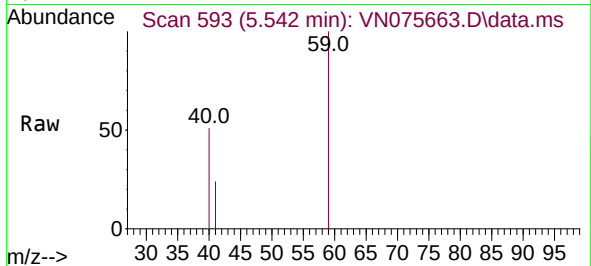




#11
Tert butyl alcohol
Concen: 5.765 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

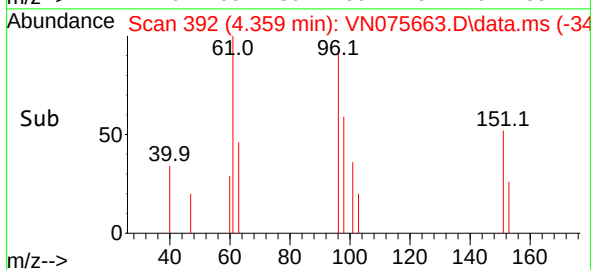
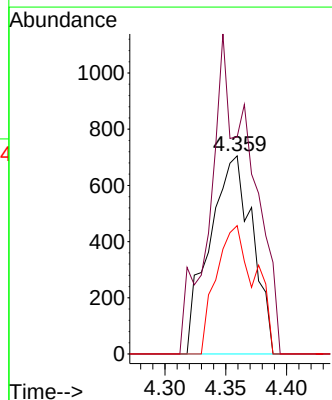
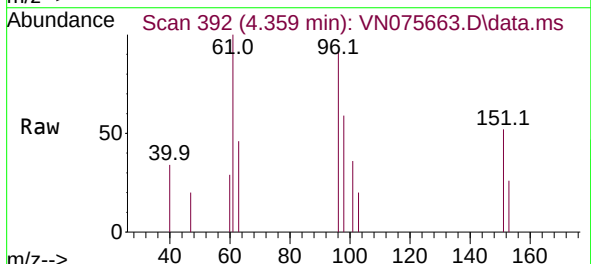
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

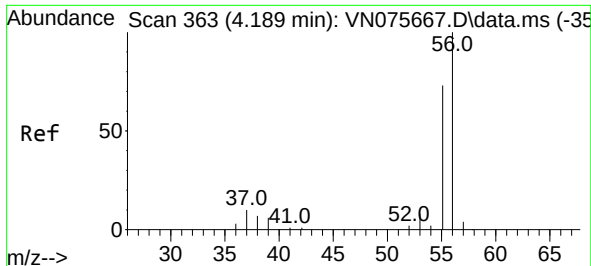
Tgt Ion: 59 Resp: 1874
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.975 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 96 Resp: 1730
Ion Ratio Lower Upper
96 100
61 109.6 116.8 175.2#
98 64.8 51.6 77.4

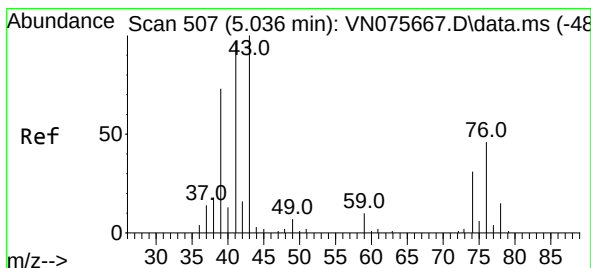
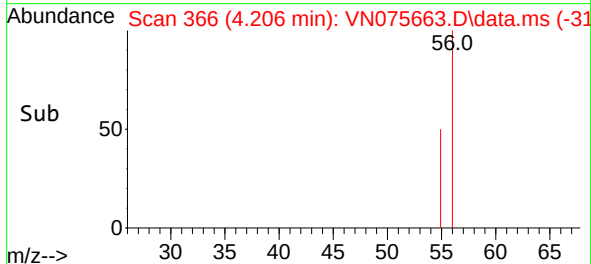
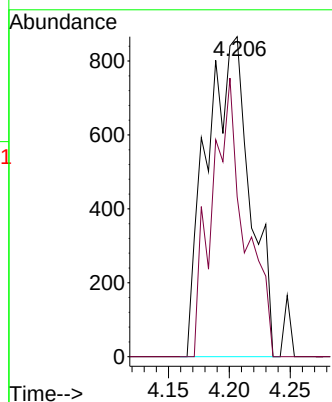
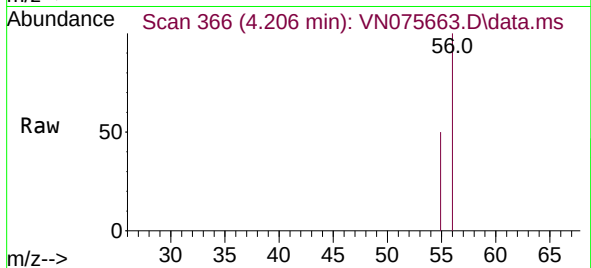




#13
Acrolein
Concen: 5.769 ug/l
RT: 4.206 min Scan# 363
Delta R.T. 0.018 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

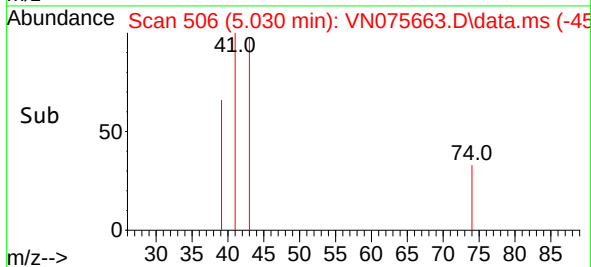
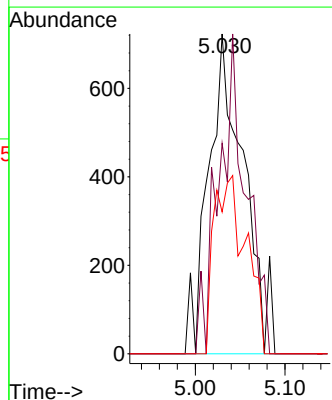
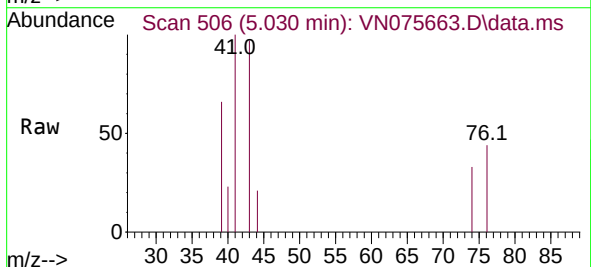
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

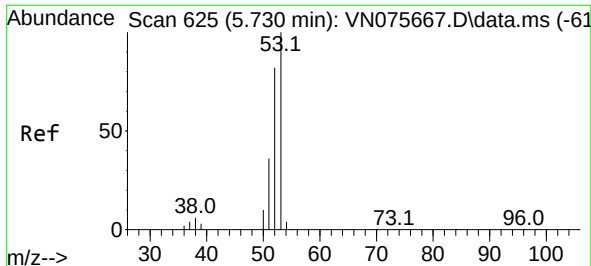
Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
55 65.8 55.7 83.5



#14
Allyl chloride
Concen: 0.896 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 41 Resp: 1980
Ion Ratio Lower Upper
41 100
39 77.5 64.6 96.8
76 50.7 40.9 61.3

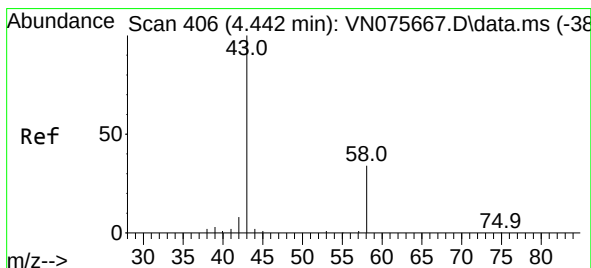
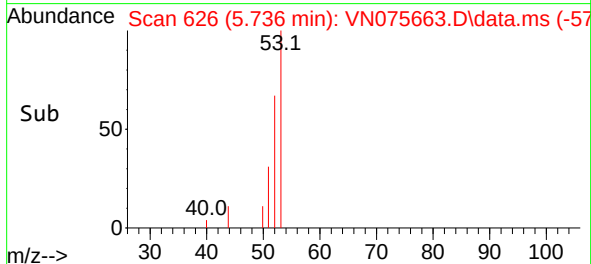
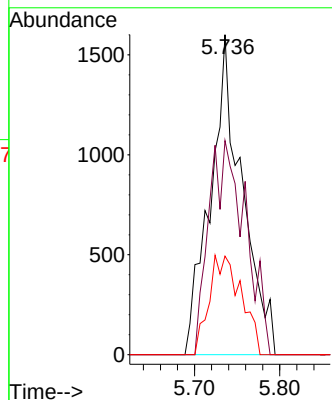
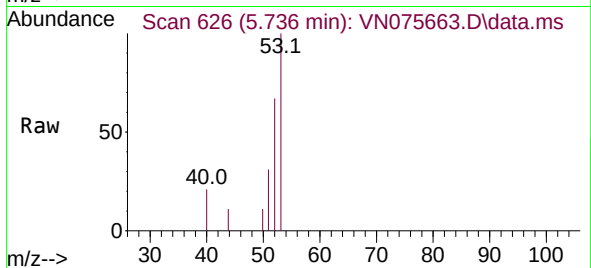




#15
Acrylonitrile
Concen: 4.935 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

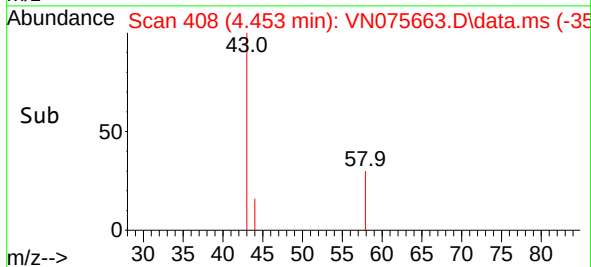
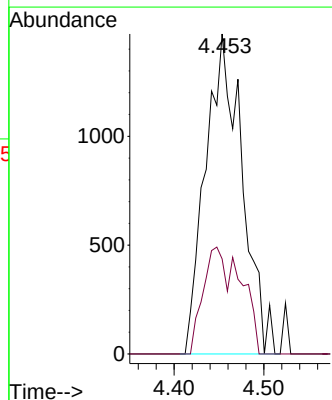
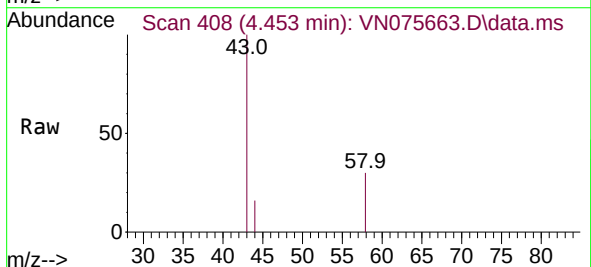
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

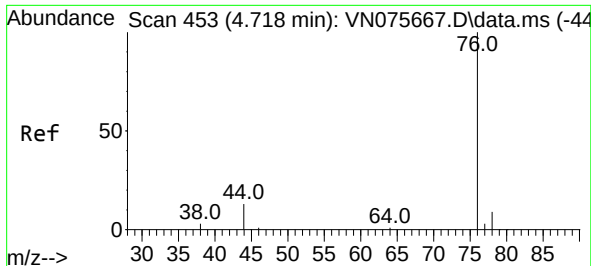
Tgt Ion: 53 Resp: 4144
Ion Ratio Lower Upper
53 100
52 28.5 65.0 97.4#
51 31.4 28.9 43.3



#16
Acetone
Concen: 5.586 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 43 Resp: 4157
Ion Ratio Lower Upper
43 100
58 29.7 27.0 40.4

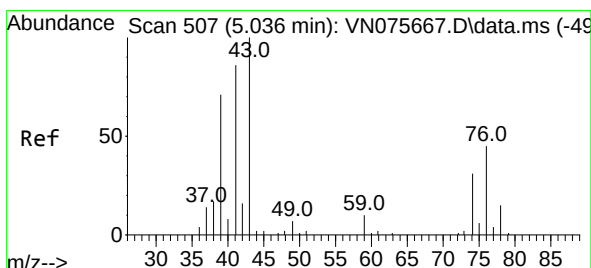
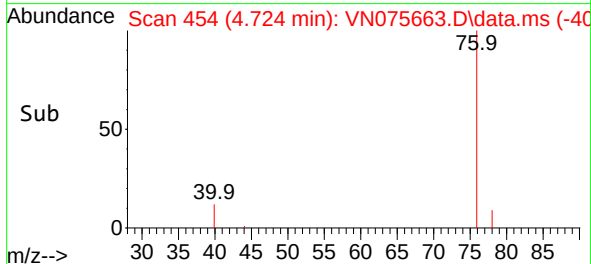
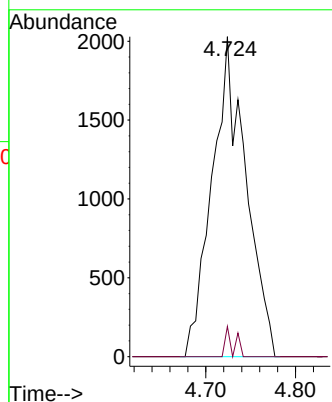
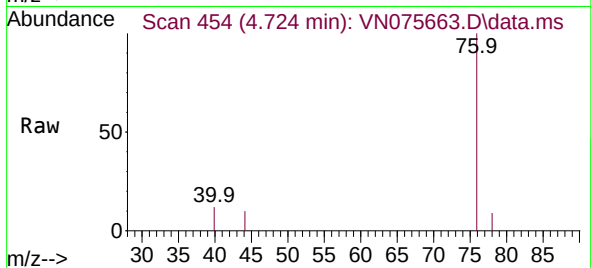




#17
Carbon Disulfide
Concen: 1.130 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

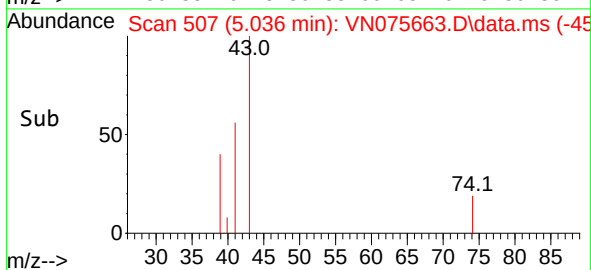
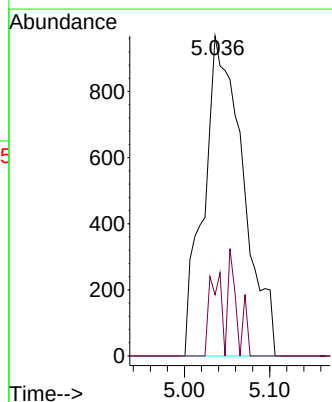
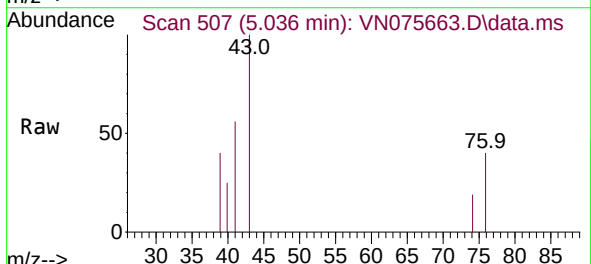
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

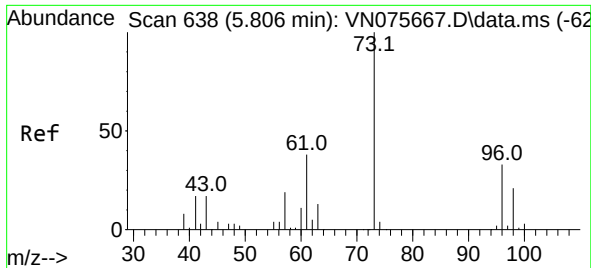
Tgt Ion: 76 Resp: 5304
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 1.296 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
74 7.7 24.5 36.7#

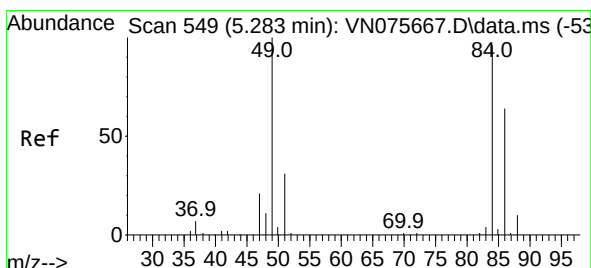
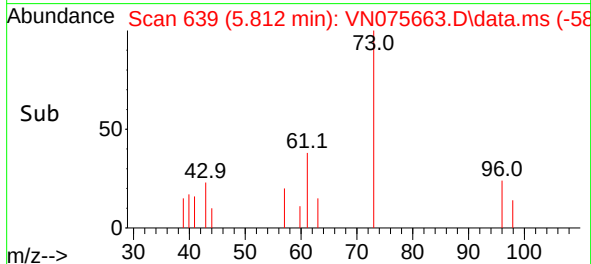
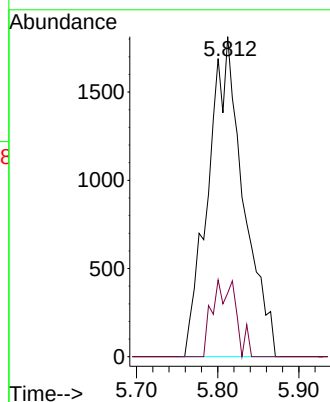
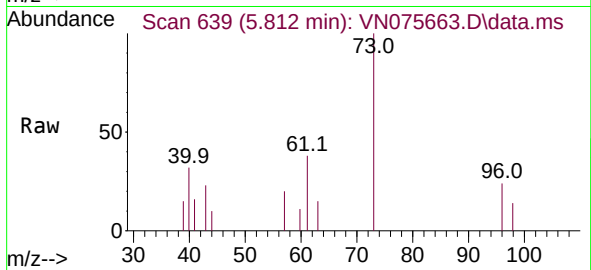




#19
Methyl tert-butyl Ether
Concen: 0.919 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

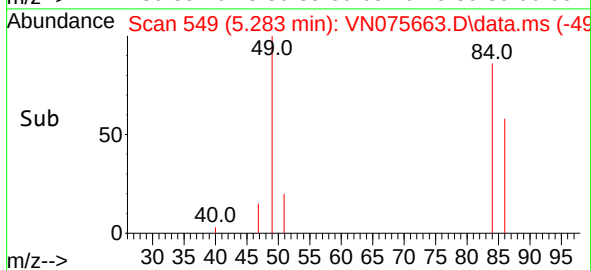
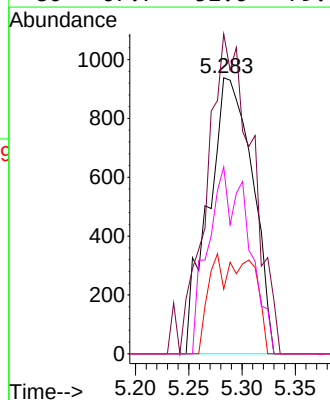
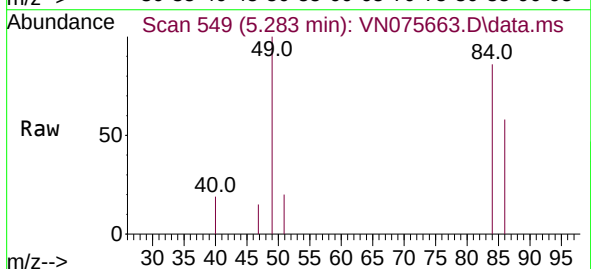
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

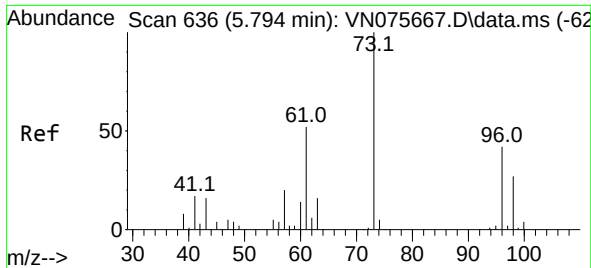
Tgt Ion: 73 Resp: 5484
Ion Ratio Lower Upper
73 100
57 19.9 15.1 22.7



#20
Methylene Chloride
Concen: 1.216 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 84 Resp: 2698
Ion Ratio Lower Upper
84 100
49 115.9 83.0 124.4
51 23.5 26.0 39.0#
86 67.7 52.6 79.0

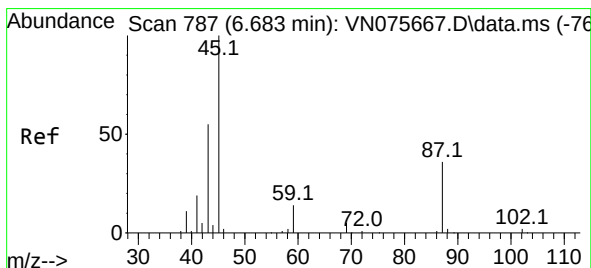
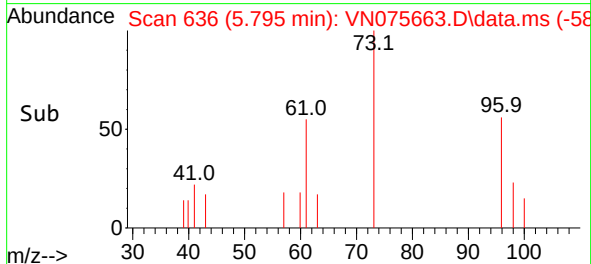
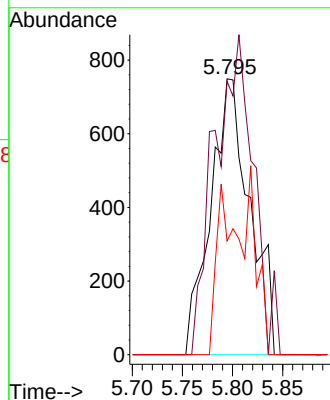
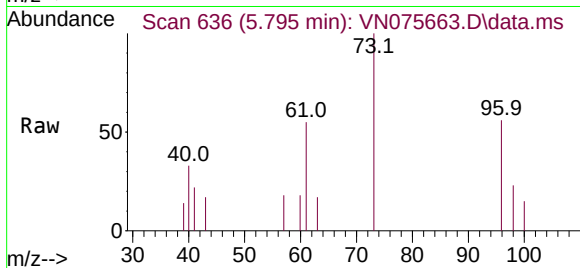




#21
trans-1,2-Dichloroethene
Concen: 1.031 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

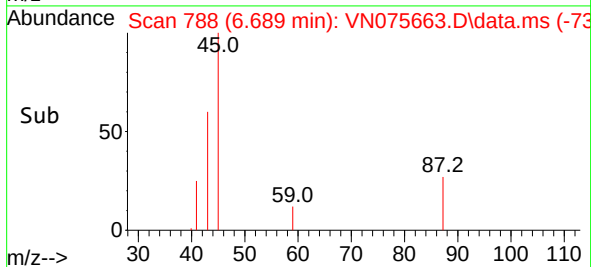
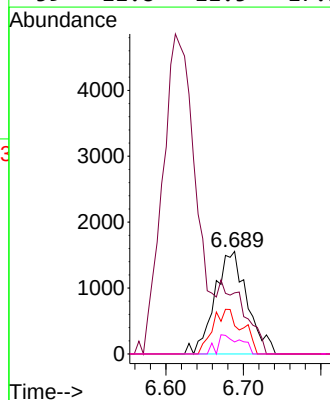
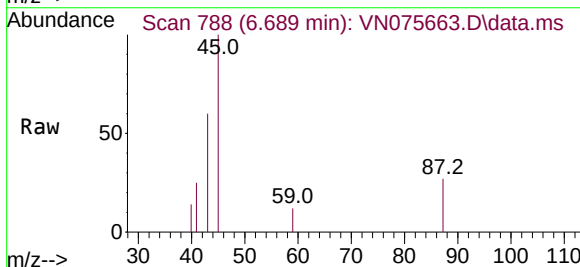
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

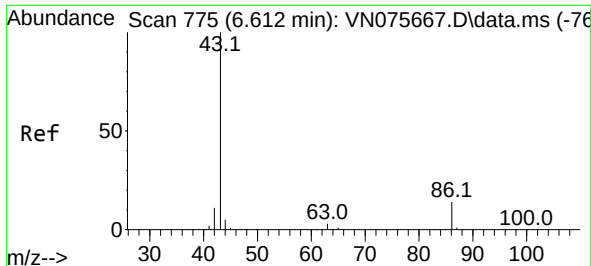
Tgt Ion: 96 Resp: 2044
Ion Ratio Lower Upper
96 100
61 99.1 100.5 150.7#
98 41.3 52.7 79.1#



#22
Diisopropyl ether
Concen: 0.903 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 45 Resp: 4539
Ion Ratio Lower Upper
45 100
43 59.6 44.9 67.3
87 27.4 28.8 43.2#
59 11.8 11.5 17.3

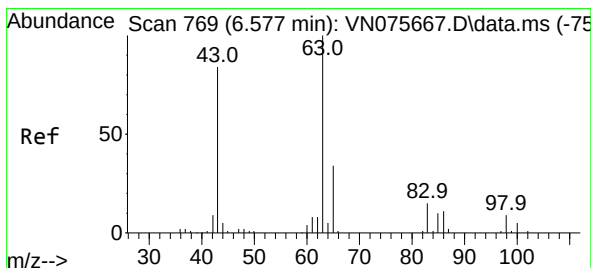
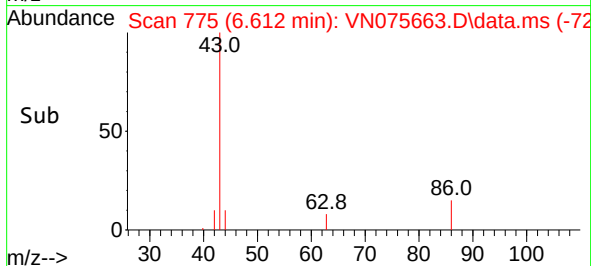
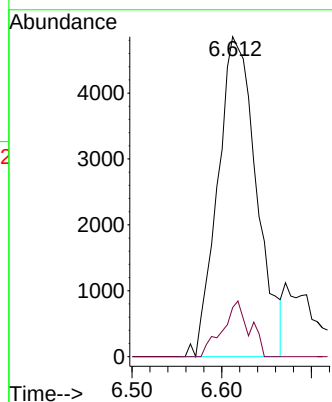
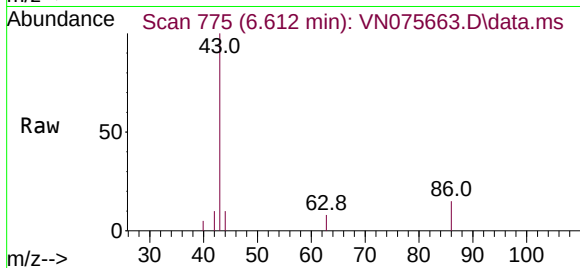




#23
 Vinyl Acetate
 Concen: 3.804 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

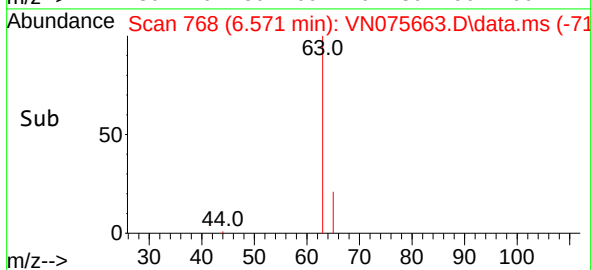
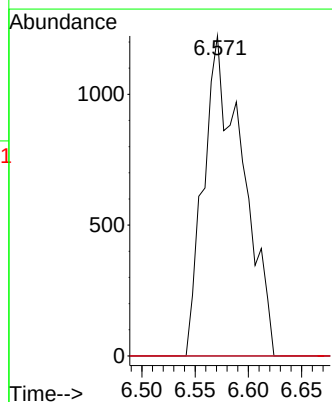
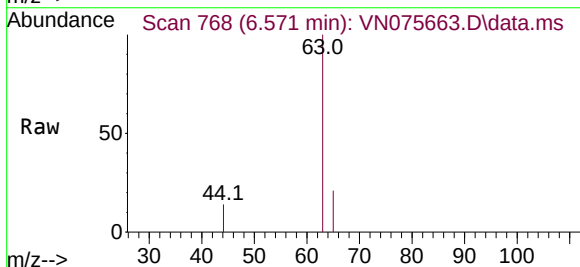
Instrument :
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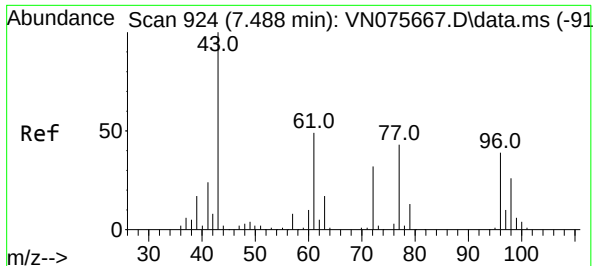
Tgt Ion: 43 Resp: 14581
 Ion Ratio Lower Upper
 43 100
 86 15.4 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 0.937 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

Tgt Ion: 63 Resp: 3101
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.3 12.9#
 100 0.0 2.6 7.8#

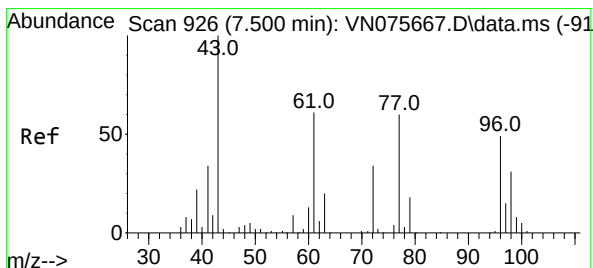
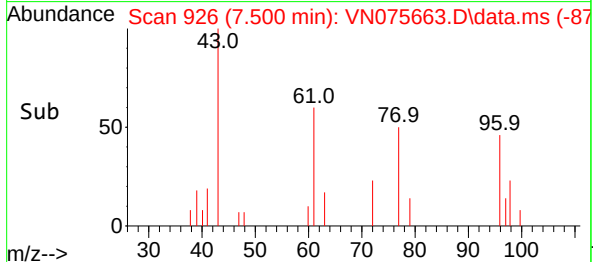
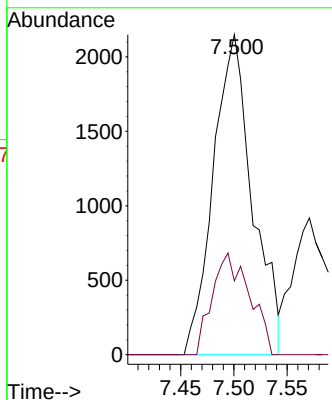
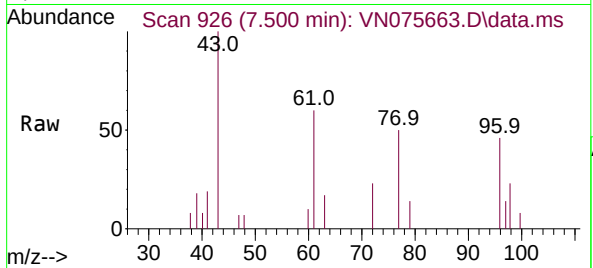




#25
2-Butanone
Concen: 5.053 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

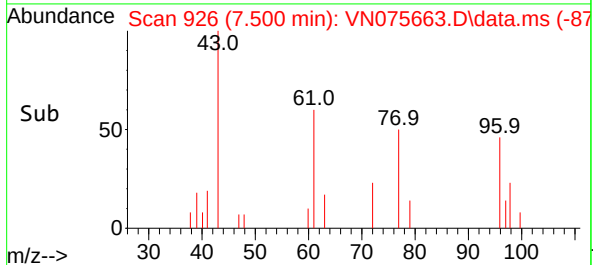
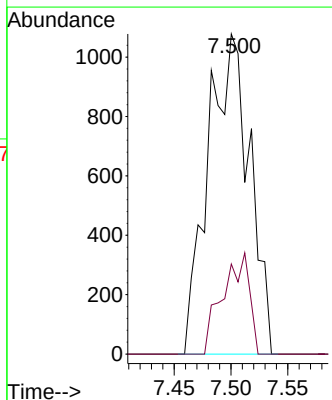
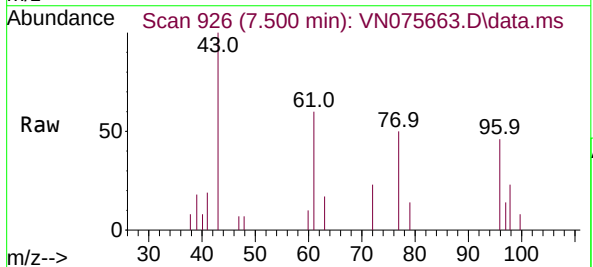
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

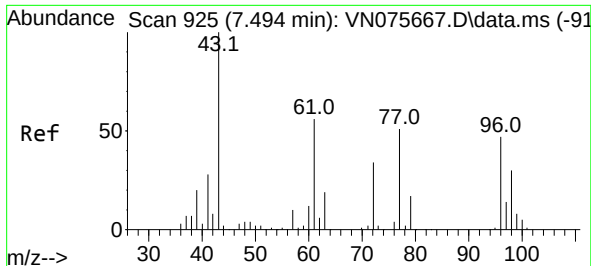
Tgt Ion: 43 Resp: 5497
Ion Ratio Lower Upper
43 100
72 23.1 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 0.970 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 77 Resp: 2737
Ion Ratio Lower Upper
77 100
97 20.4 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 1.089 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

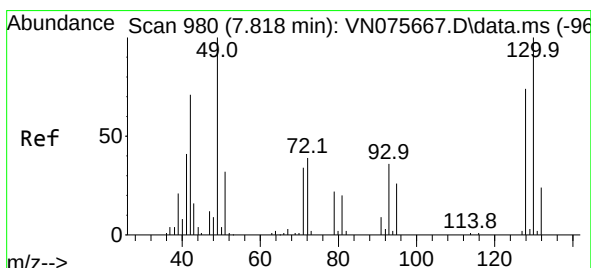
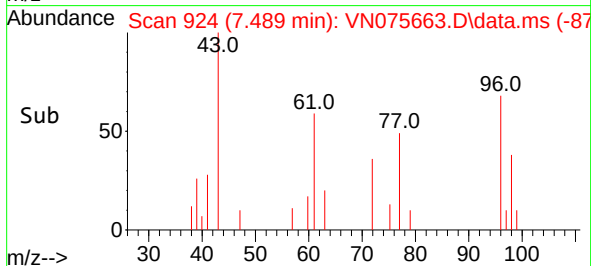
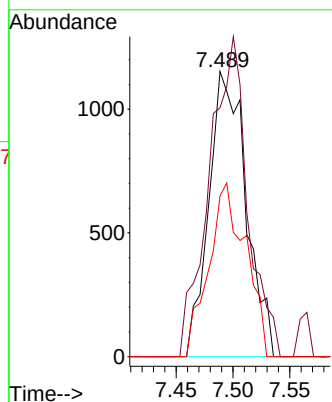
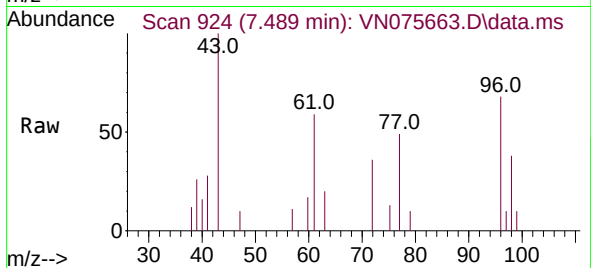
Tgt Ion: 96 Resp: 2622

Ion Ratio Lower Upper

96 100

61 116.0 0.0 247.8

98 60.5 0.0 126.0



#28

Bromochloromethane

Concen: 0.847 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

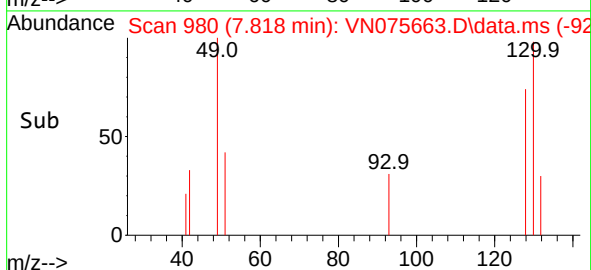
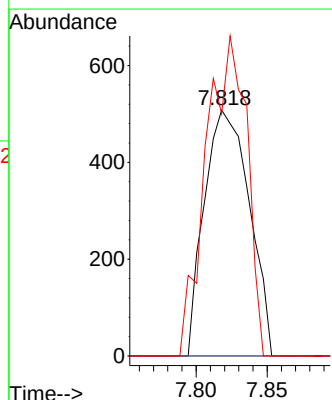
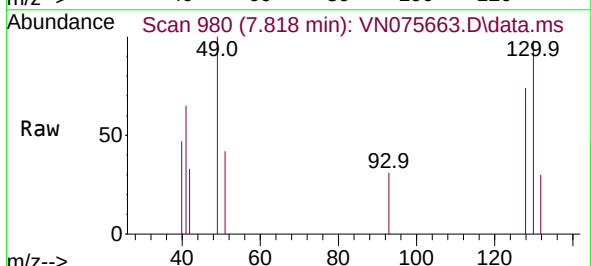
Tgt Ion: 49 Resp: 1121

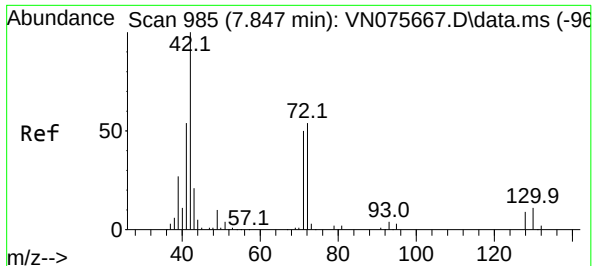
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

130 117.6 78.5 117.7





#29

Tetrahydrofuran

Concen: 4.626 ug/l

RT: 7.853 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

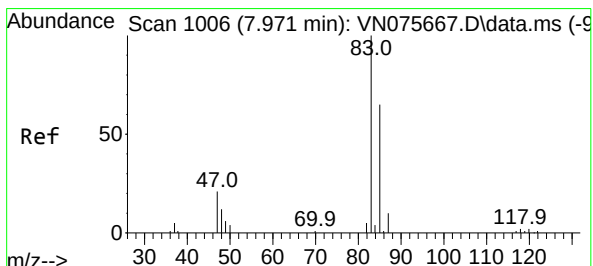
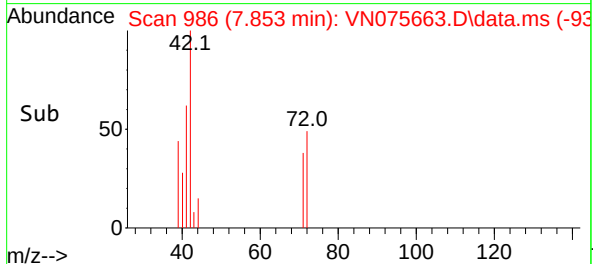
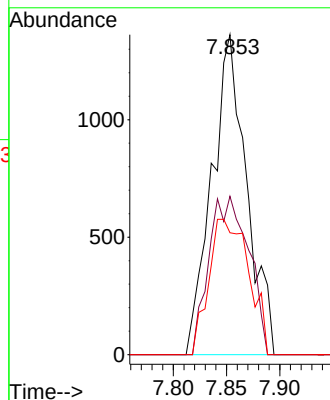
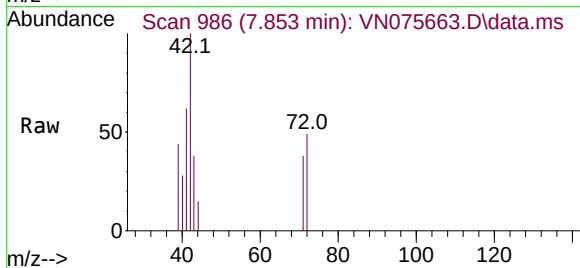
Tgt Ion: 42 Resp: 3102

Ion Ratio Lower Upper

42 100

72 56.5 44.6 67.0

71 48.6 41.2 61.8



#30

Chloroform

Concen: 0.916 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075663.D

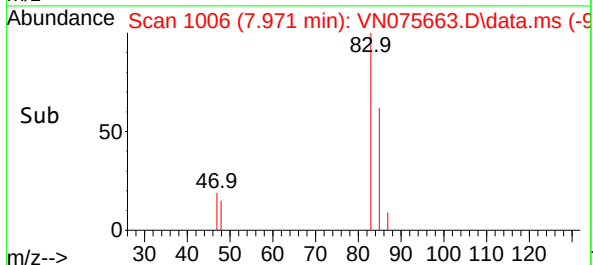
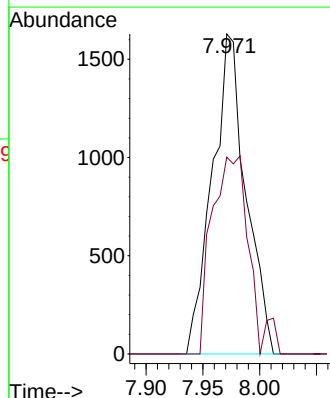
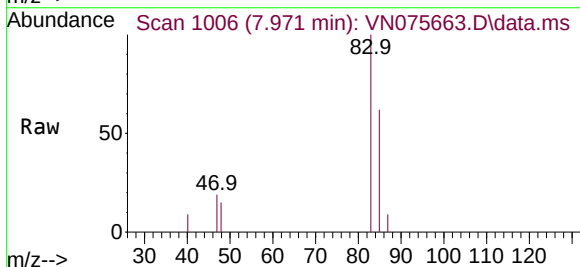
Acq: 09 Dec 2022 12:33

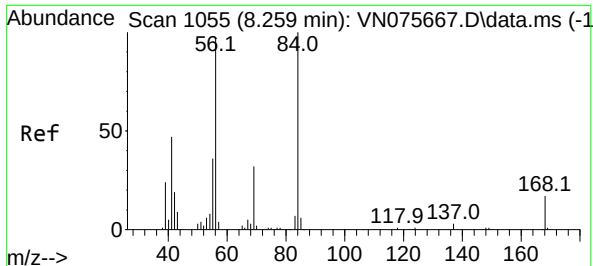
Tgt Ion: 83 Resp: 3359

Ion Ratio Lower Upper

83 100

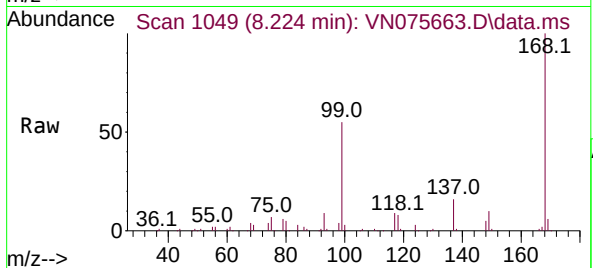
85 61.5 51.8 77.6



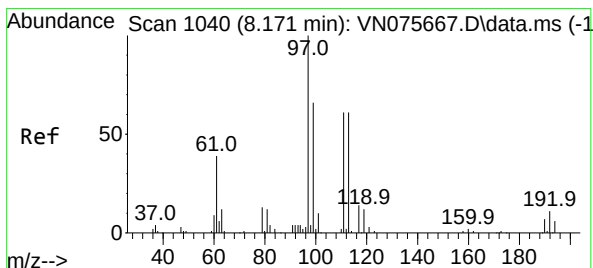
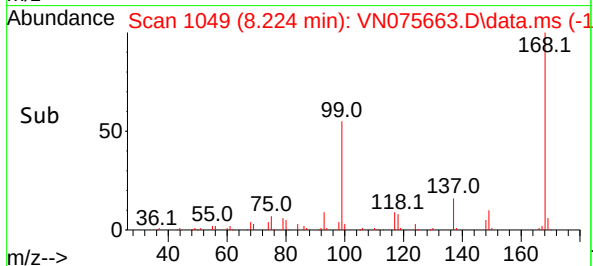
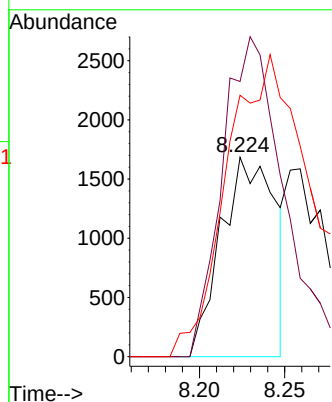


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

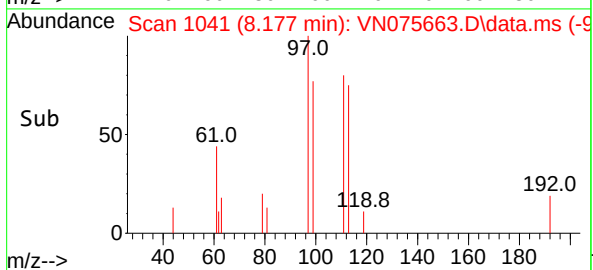
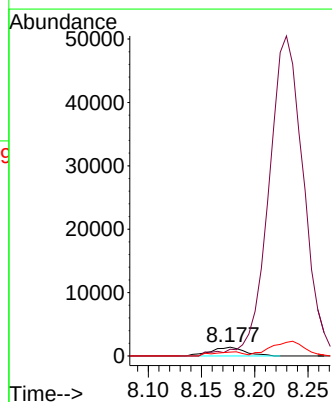
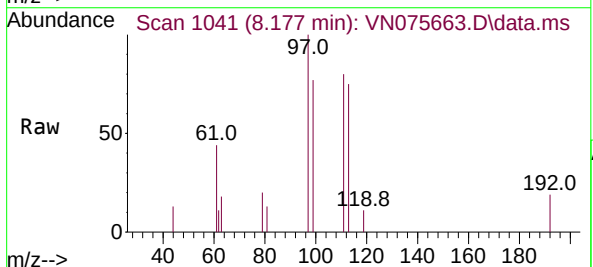


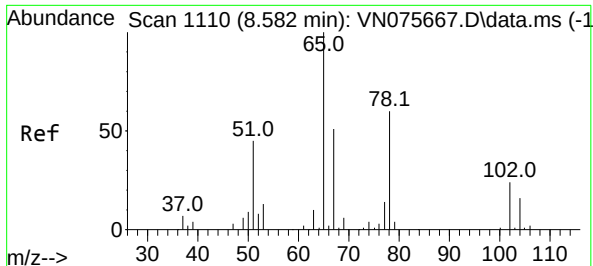
Tgt Ion: 56 Resp: 3699
Ion Ratio Lower Upper
56 100
69 138.0 26.2 39.2#
84 119.3 82.8 124.2



#32
1,1,1-Trichloroethane
Concen: 0.907 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 97 Resp: 3067
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 40.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 1.157 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

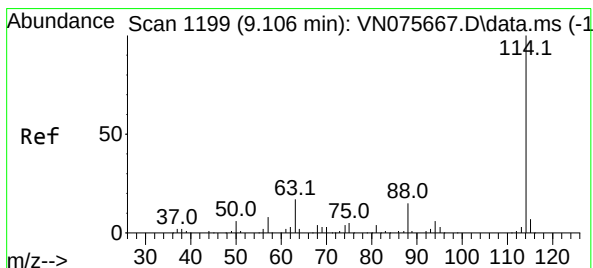
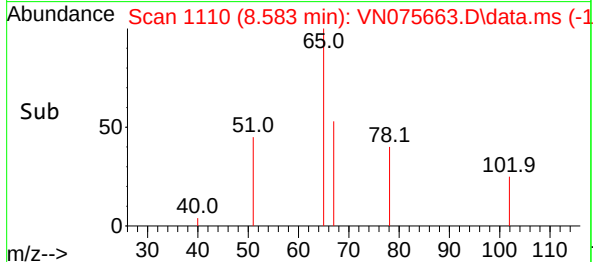
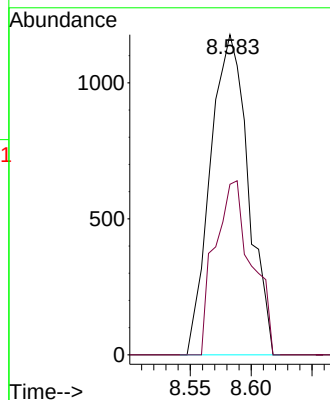
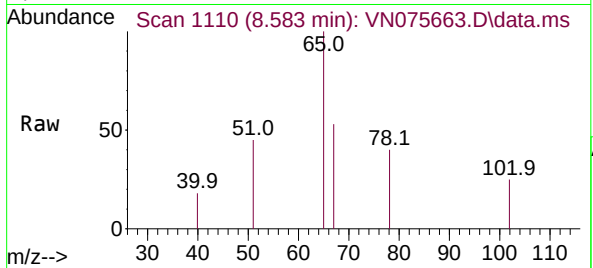
VSTDIC001

Tgt Ion: 65 Resp: 2542

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

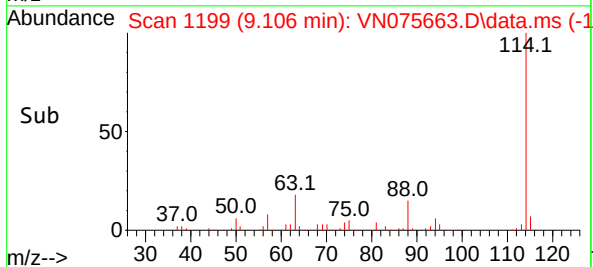
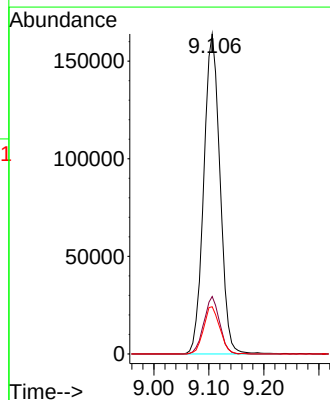
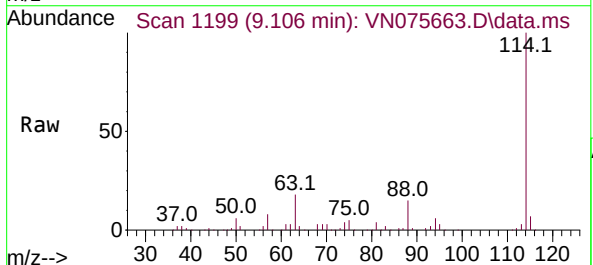
Tgt Ion: 114 Resp: 336513

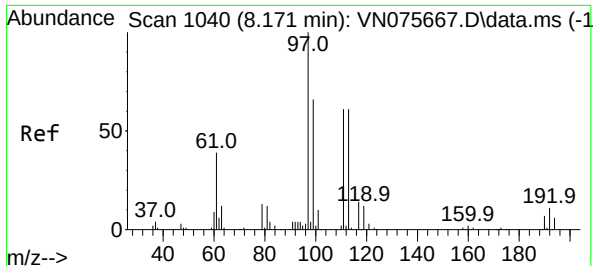
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 1.107 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

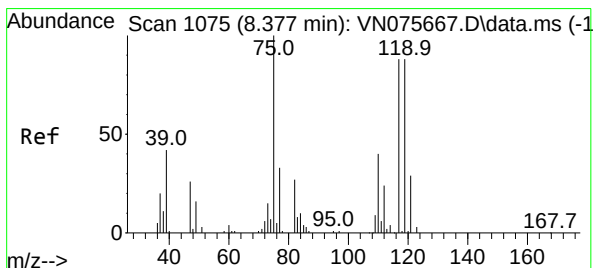
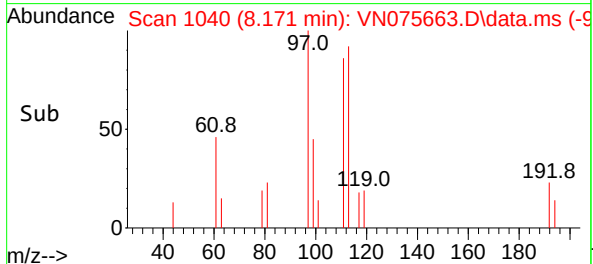
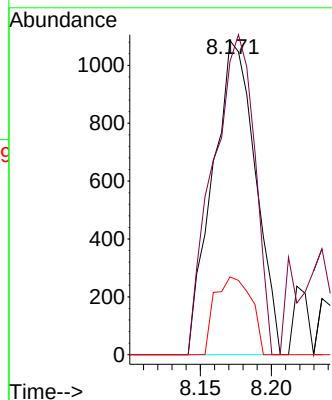
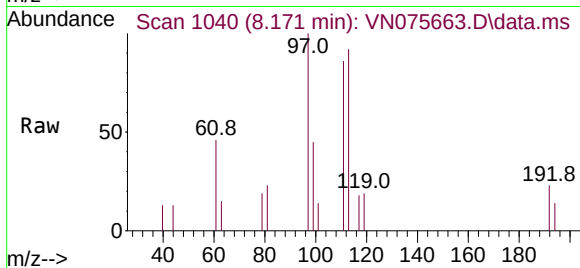
Tgt Ion:113 Resp: 2273

Ion Ratio Lower Upper

113 100

111 99.3 81.0 121.6

192 21.0 16.2 24.2



#36

1,1-Dichloropropene

Concen: 0.938 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

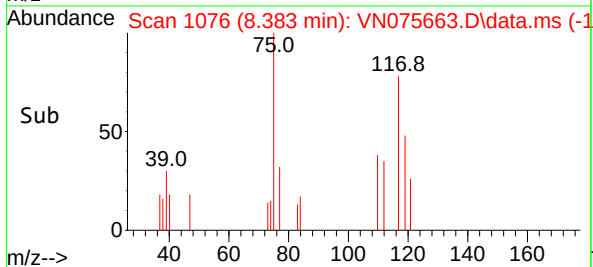
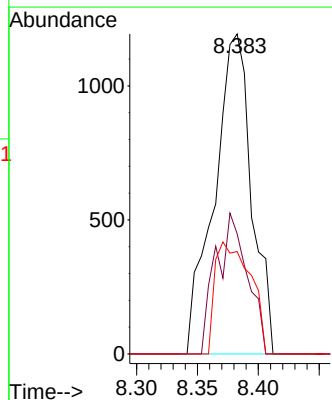
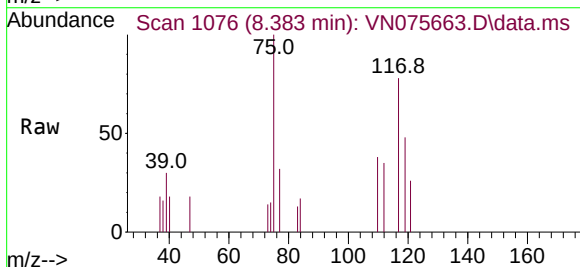
Tgt Ion: 75 Resp: 2556

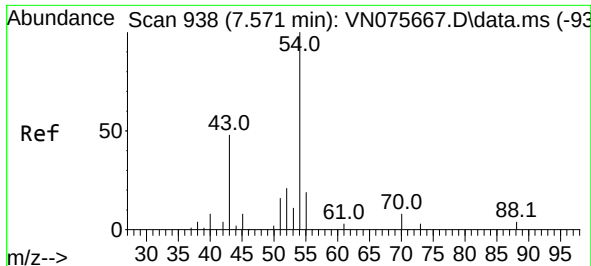
Ion Ratio Lower Upper

75 100

110 37.0 18.9 56.9

77 32.8 25.4 38.2





#37

Ethyl Acetate

Concen: 0.980 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

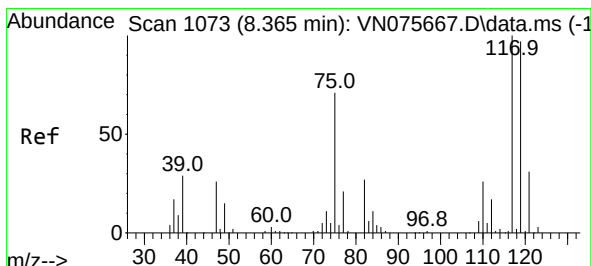
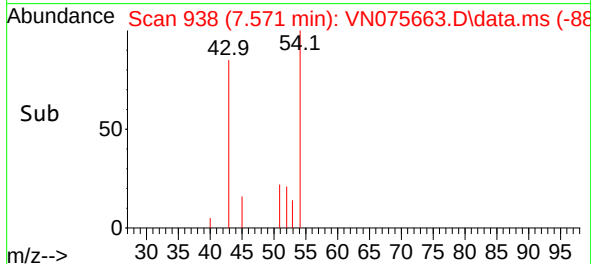
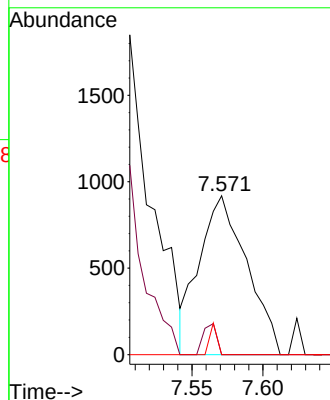
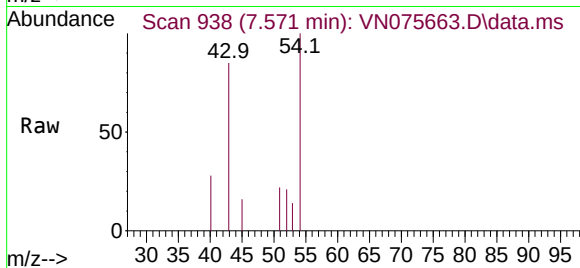
Tgt Ion: 43 Resp: 2145

Ion Ratio Lower Upper

43 100

61 5.5 13.3 19.9#

70 3.0 9.9 14.9#



#38

Carbon Tetrachloride

Concen: 0.975 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

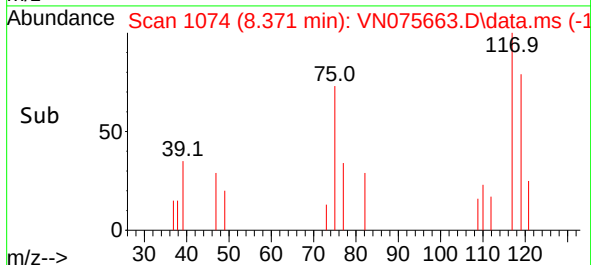
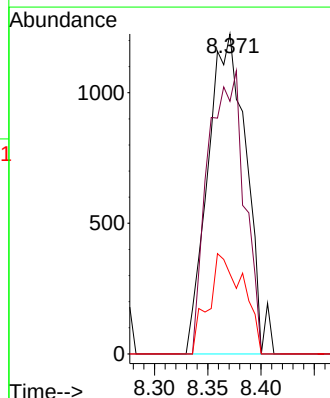
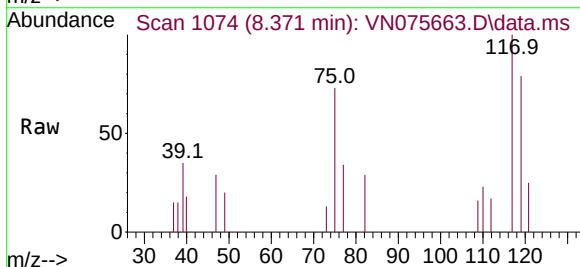
Tgt Ion: 117 Resp: 3066

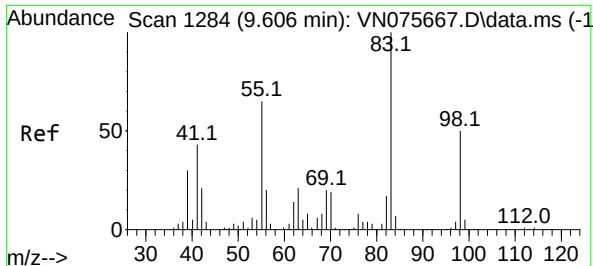
Ion Ratio Lower Upper

117 100

119 78.9 77.2 115.8

121 25.0 24.6 37.0





#39

Methylcyclohexane

Concen: 0.855 ug/l

RT: 9.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

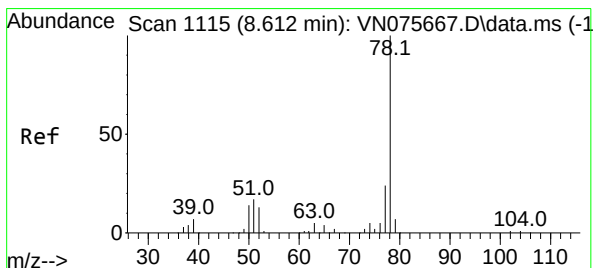
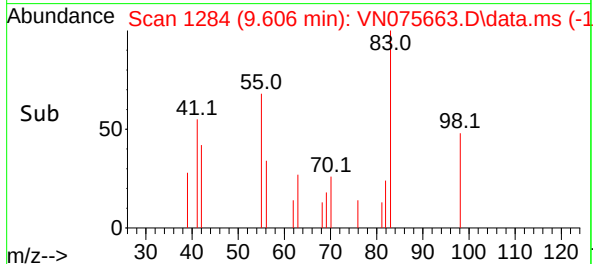
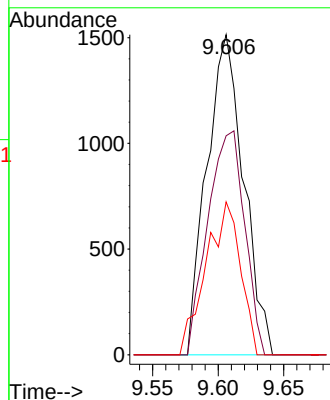
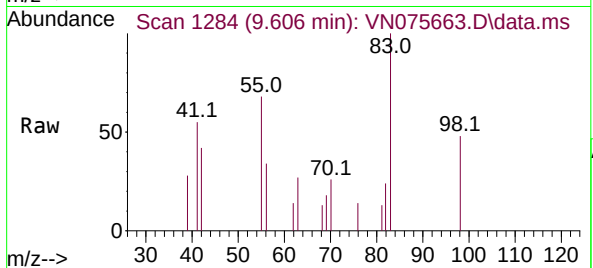
Tgt Ion: 83 Resp: 2956

Ion Ratio Lower Upper

83 100

55 68.4 51.6 77.4

98 47.8 39.8 59.8



#40

Benzene

Concen: 0.938 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075663.D

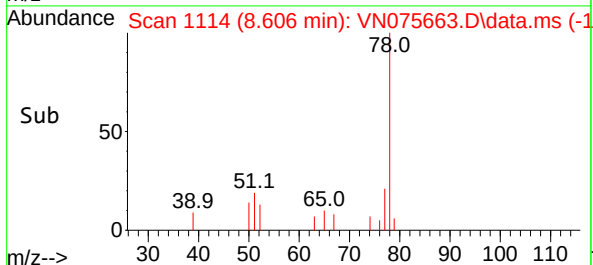
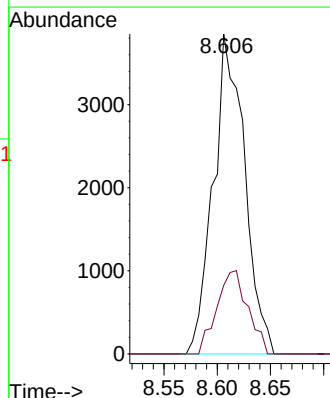
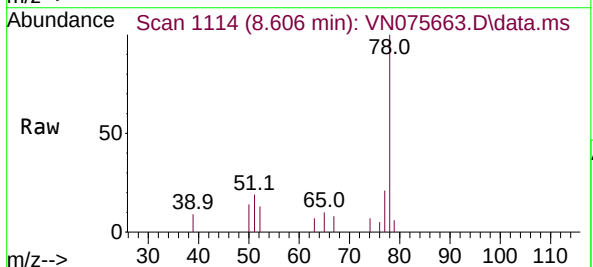
Acq: 09 Dec 2022 12:33

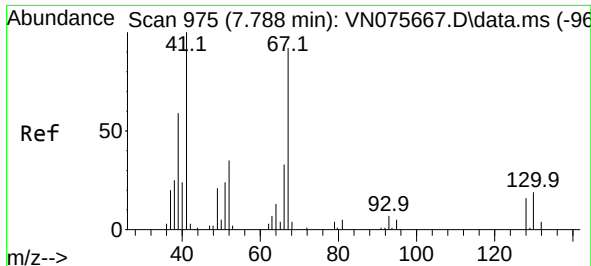
Tgt Ion: 78 Resp: 7851

Ion Ratio Lower Upper

78 100

77 21.4 19.1 28.7

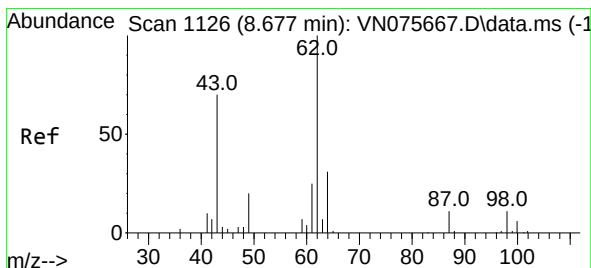
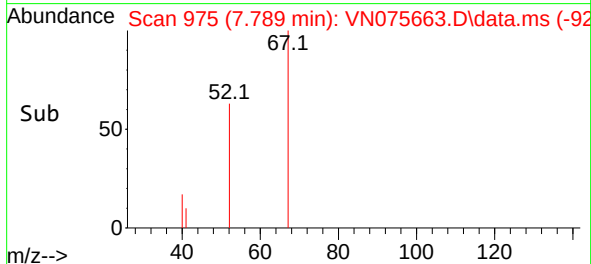
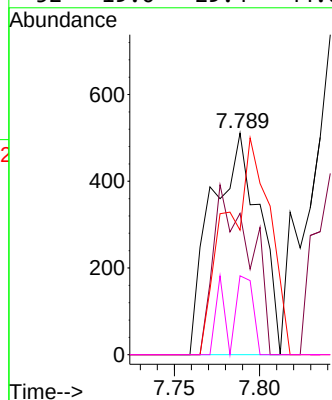
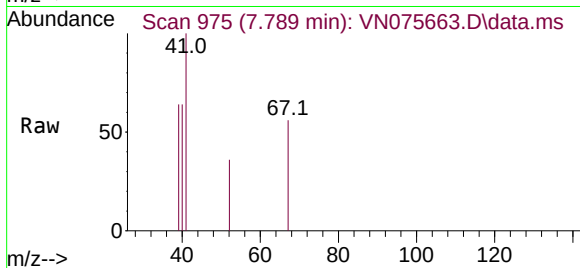




#41
Methacrylonitrile
Concen: 0.888 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

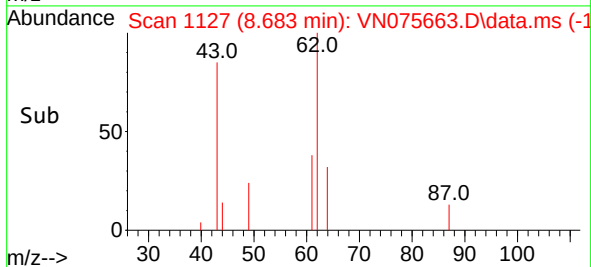
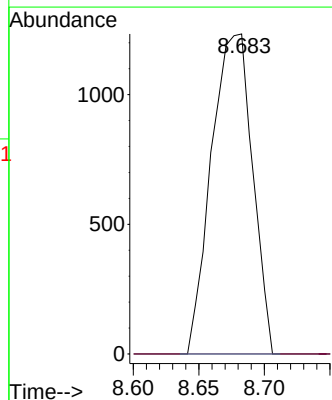
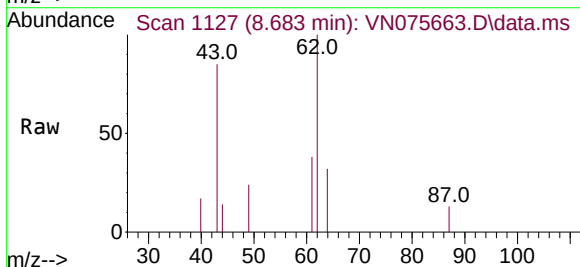
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

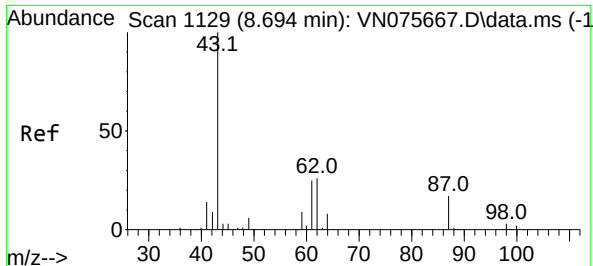
Tgt Ion: 41 Resp: 997
Ion Ratio Lower Upper
41 100
39 58.7 46.3 69.5
67 88.6 74.0 111.0
52 19.0 29.4 44.0#



#42
1,2-Dichloroethane
Concen: 0.962 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 62 Resp: 2692
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.8





#43

Isopropyl Acetate

Concen: 0.904 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

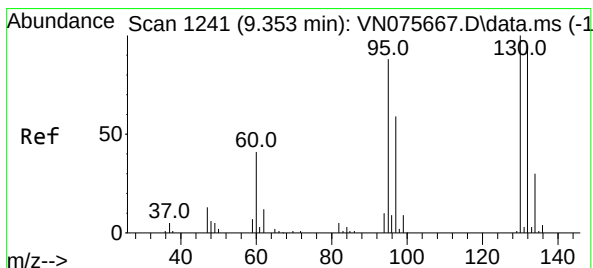
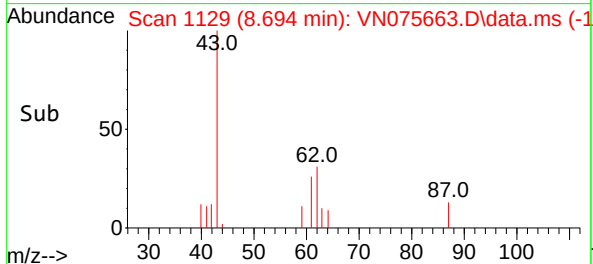
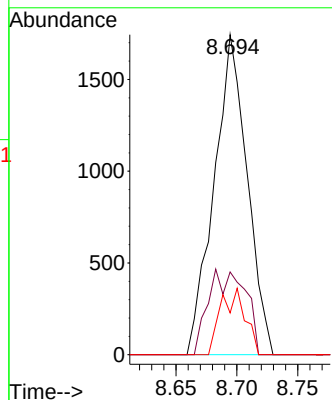
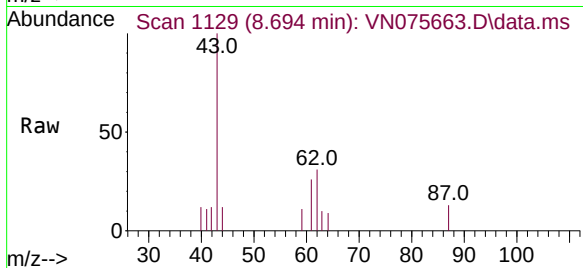
Tgt Ion: 43 Resp: 3304

Ion Ratio Lower Upper

43 100

61 29.8 23.8 35.8

87 15.3 13.7 20.5



#44

Trichloroethene

Concen: 0.972 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN075663.D

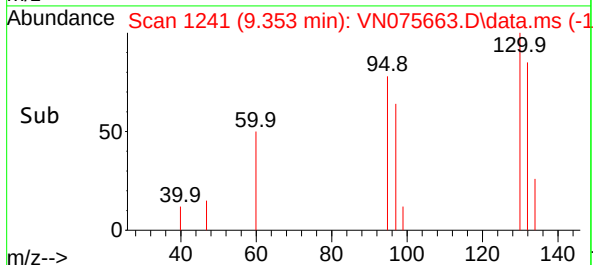
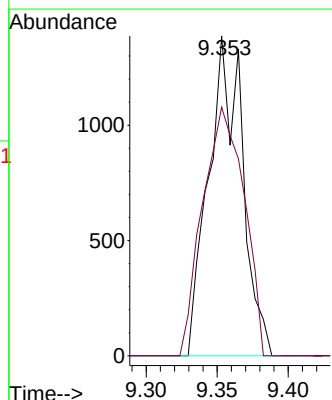
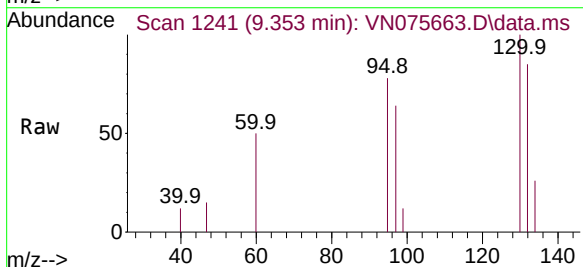
Acq: 09 Dec 2022 12:33

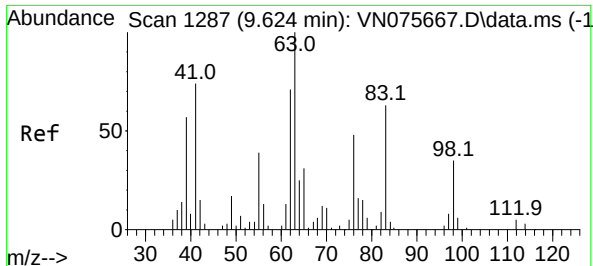
Tgt Ion: 130 Resp: 2295

Ion Ratio Lower Upper

130 100

95 77.7 0.0 176.8





#45

1,2-Dichloropropane

Concen: 0.966 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

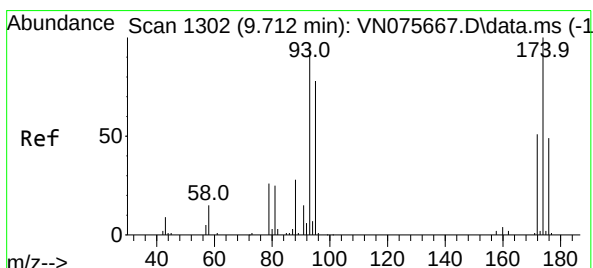
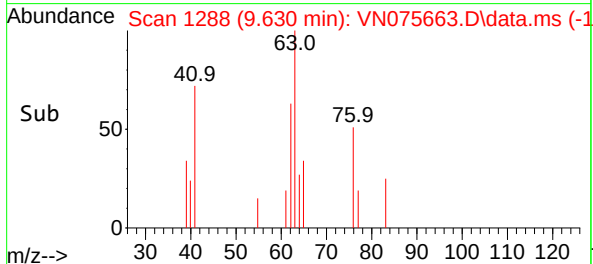
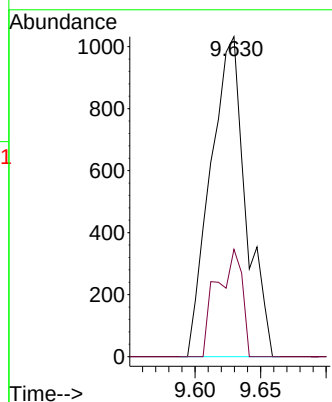
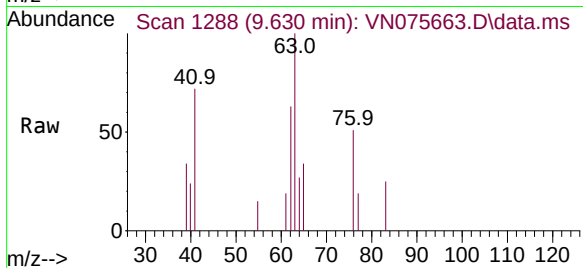
VSTDIC001

Tgt Ion: 63 Resp: 1923

Ion Ratio Lower Upper

63 100

65 33.5 25.1 37.7



#46

Dibromomethane

Concen: 0.876 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

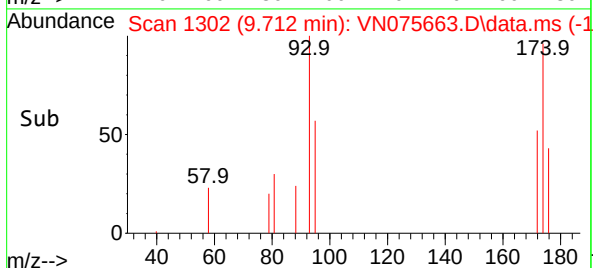
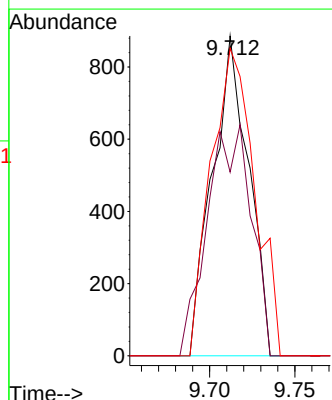
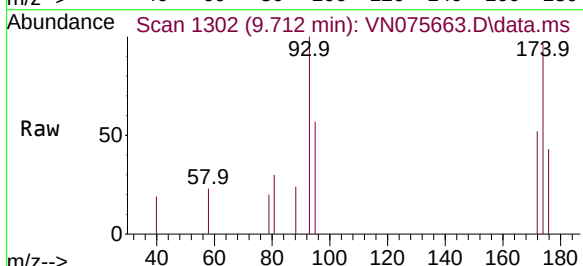
Tgt Ion: 93 Resp: 1309

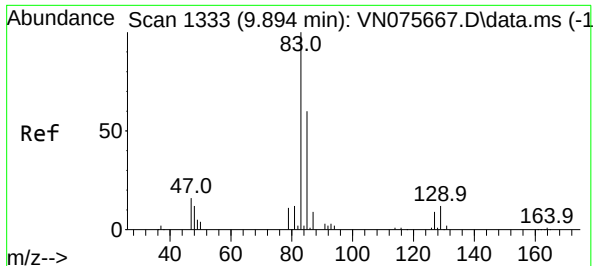
Ion Ratio Lower Upper

93 100

95 88.0 67.3 100.9

174 115.9 85.0 127.6





#47

Bromodichloromethane

Concen: 0.906 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

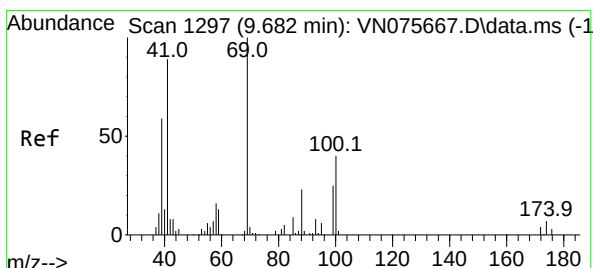
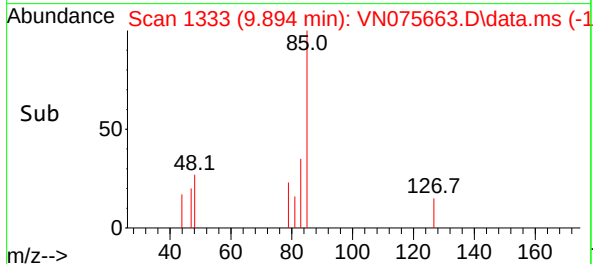
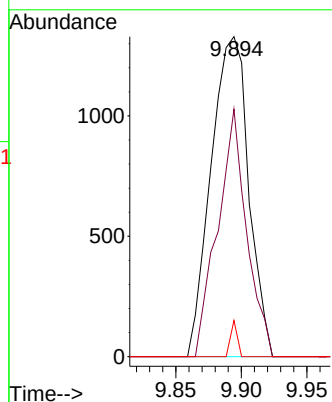
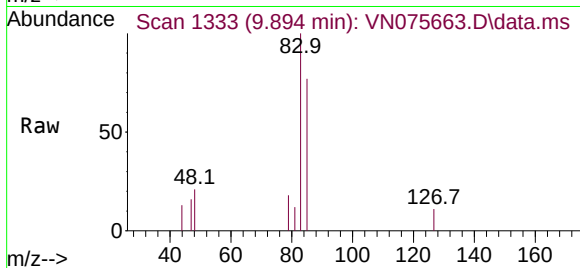
Tgt Ion: 83 Resp: 2655

Ion Ratio Lower Upper

83 100

85 77.4 48.0 72.0#

127 11.3 7.4 11.2#



#48

Methyl methacrylate

Concen: 0.895 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

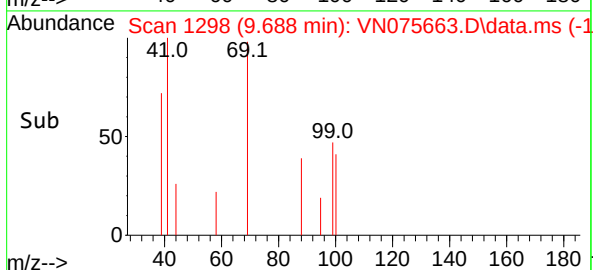
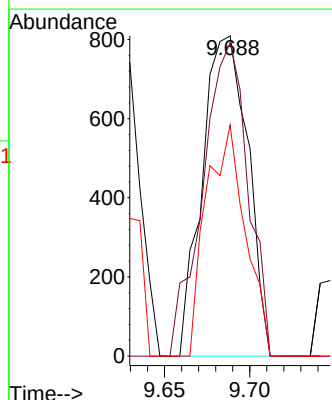
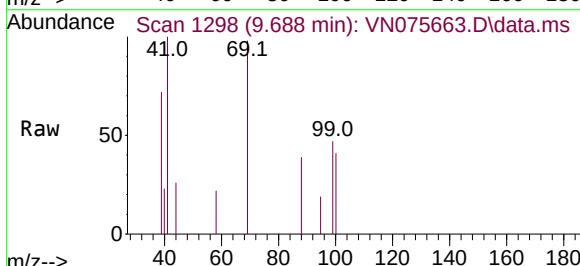
Tgt Ion: 41 Resp: 1506

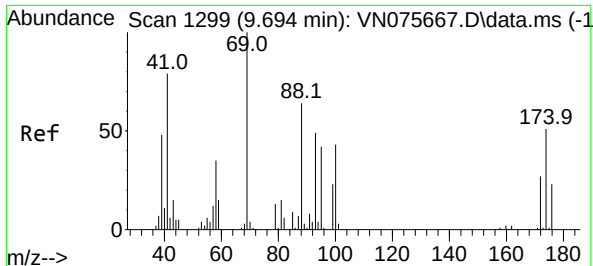
Ion Ratio Lower Upper

41 100

69 97.4 82.5 123.7

39 62.0 53.2 79.8





#49

1,4-Dioxane

Concen: 16.304 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

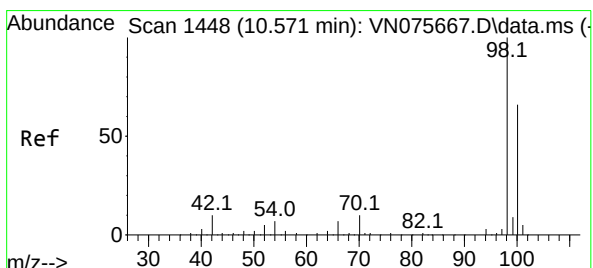
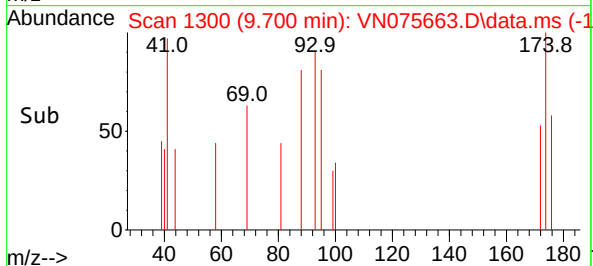
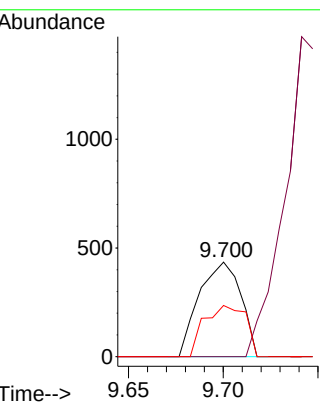
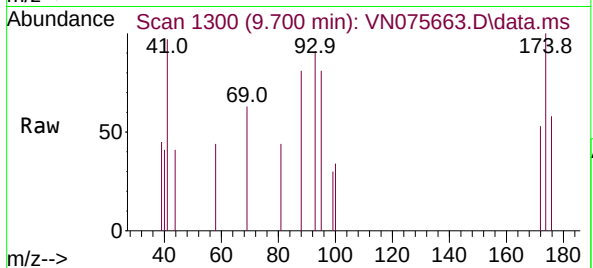
Tgt Ion: 88 Resp: 667

Ion Ratio Lower Upper

88 100

43 0.0 17.4 26.0#

58 53.4 46.8 70.2



#50

Toluene-d8

Concen: 1.013 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075663.D

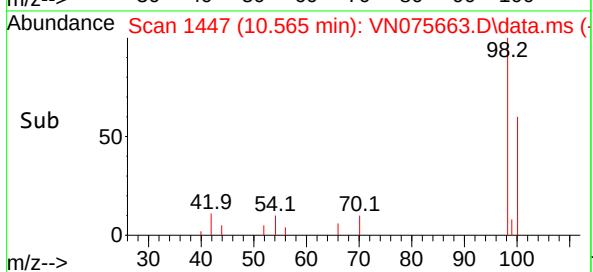
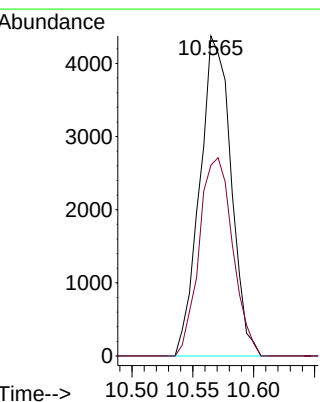
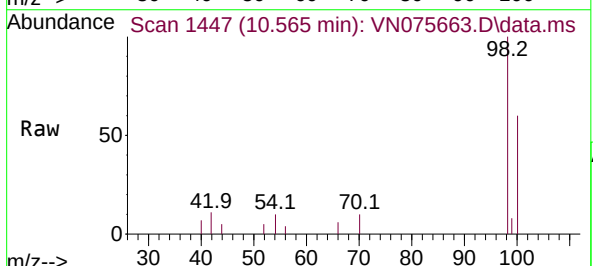
Acq: 09 Dec 2022 12:33

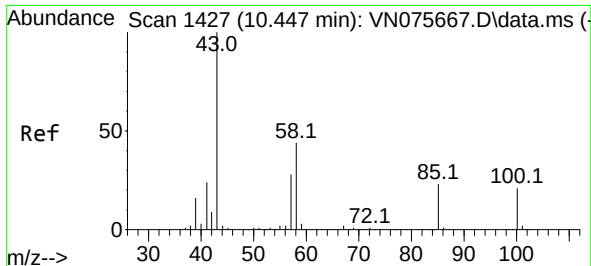
Tgt Ion: 98 Resp: 7810

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

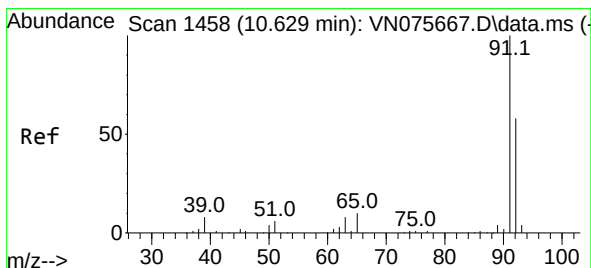
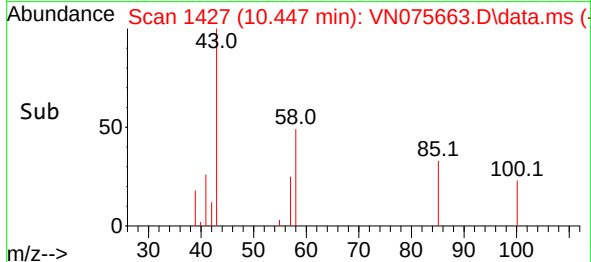
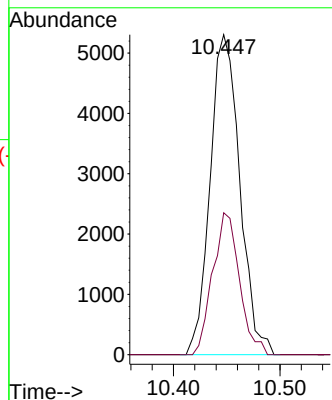
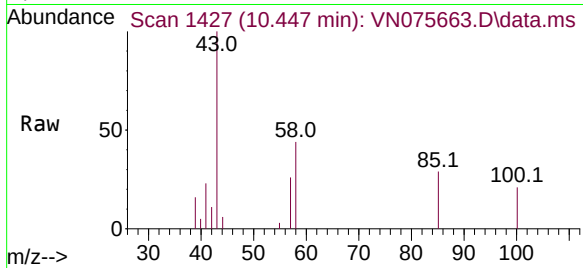




#51
4-Methyl-2-Pentanone
Concen: 4.556 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

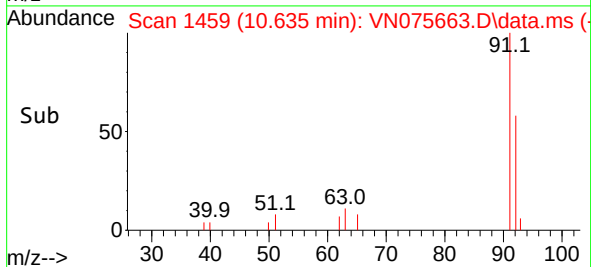
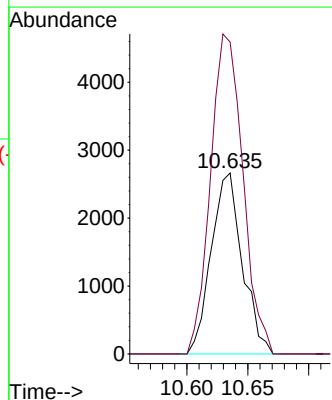
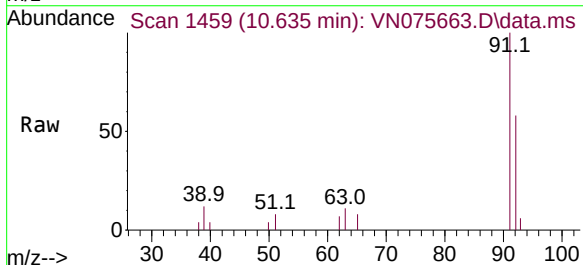
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

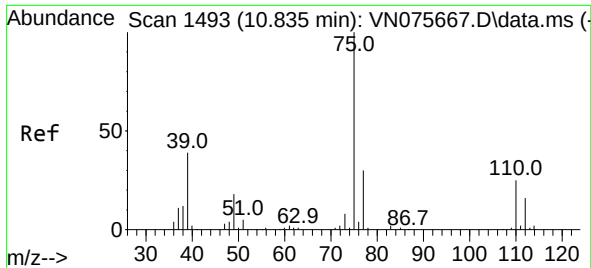
Tgt Ion: 43 Resp: 10266
Ion Ratio Lower Upper
43 100
58 40.0 35.0 52.6



#52
Toluene
Concen: 0.857 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 92 Resp: 4739
Ion Ratio Lower Upper
92 100
91 184.1 137.9 206.9

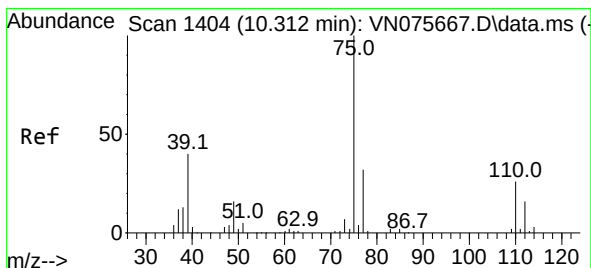
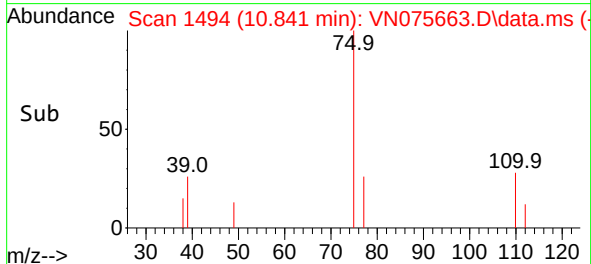
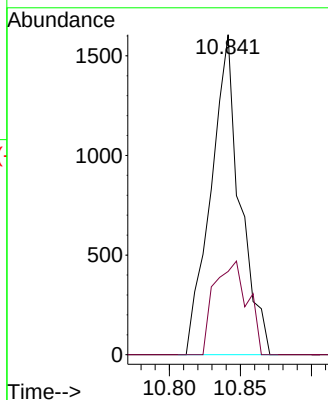
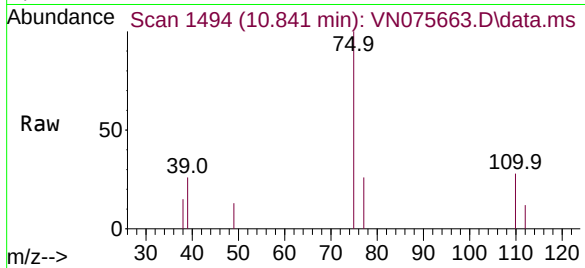




#53
 t-1,3-Dichloropropene
 Concen: 0.795 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

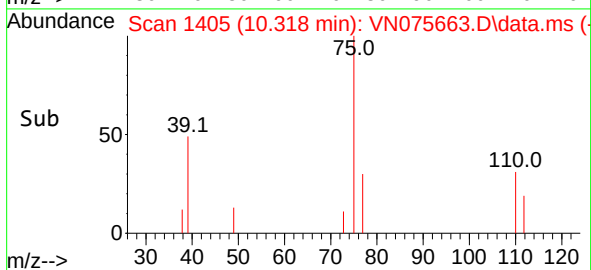
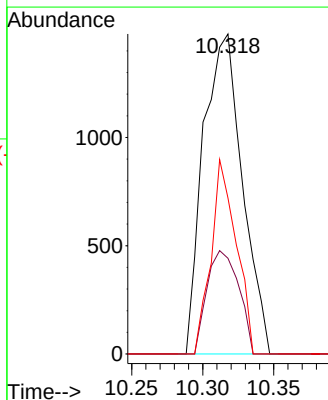
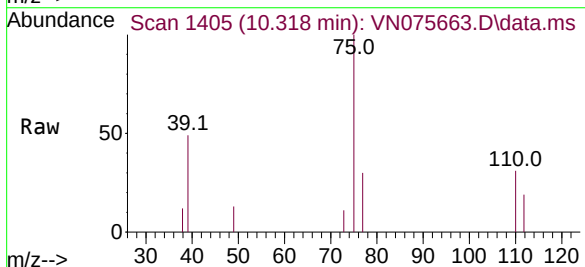
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

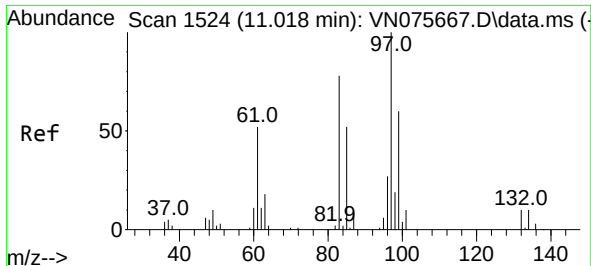
Tgt Ion: 75 Resp: 2301
 Ion Ratio Lower Upper
 75 100
 77 26.0 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.879 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

Tgt Ion: 75 Resp: 2828
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.3 37.9
 39 48.8 32.0 48.0#

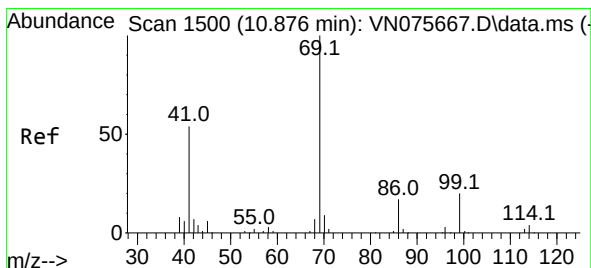
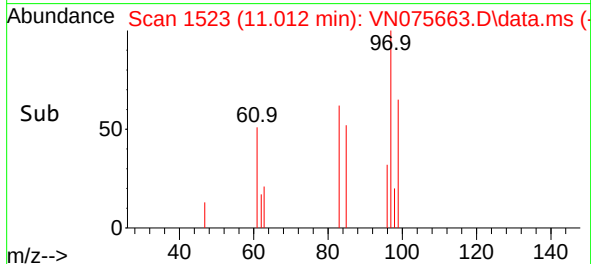
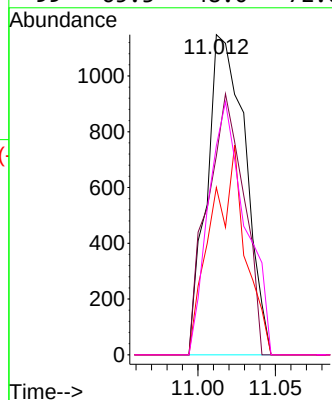
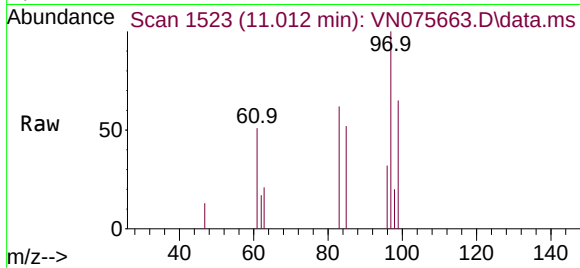




#55
1,1,2-Trichloroethane
Concen: 0.911 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

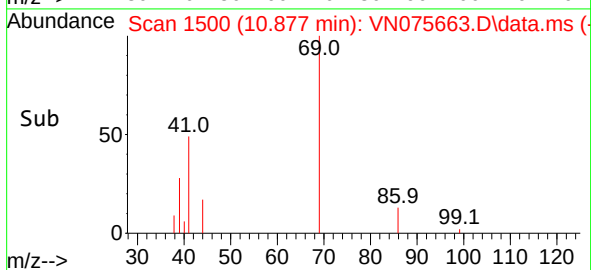
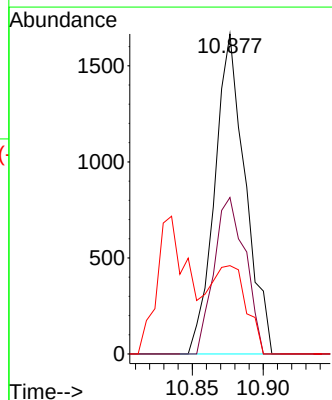
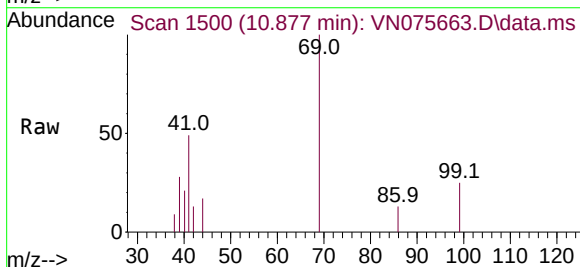
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

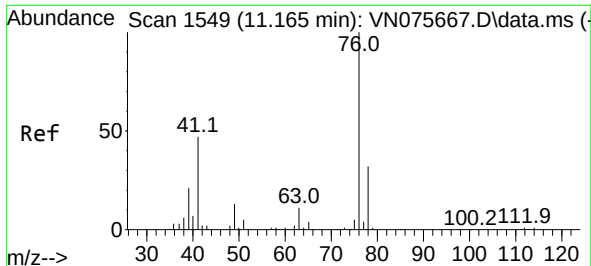
Tgt Ion:	97	Resp:	1981
Ion	Ratio	Lower	Upper
97	100		
83	62.1	62.7	94.1#
85	52.3	41.8	62.6
99	65.3	48.0	72.0



#56
Ethyl methacrylate
Concen: 0.845 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion:	69	Resp:	2491
Ion	Ratio	Lower	Upper
69	100		
41	50.1	44.1	66.1
39	30.1	27.7	41.5





#57

1,3-Dichloropropane

Concen: 0.924 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

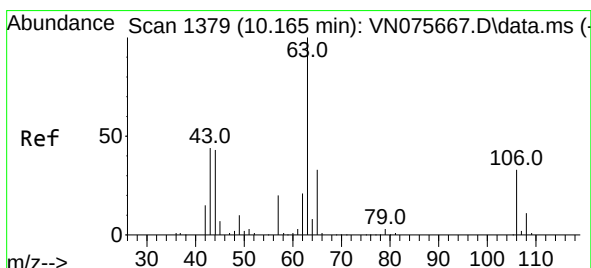
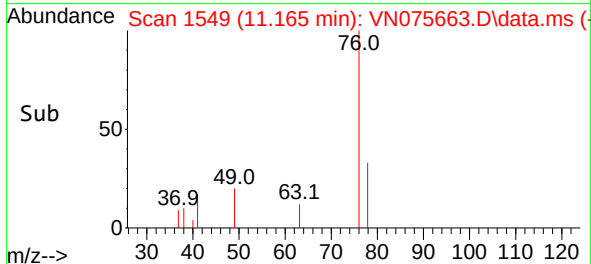
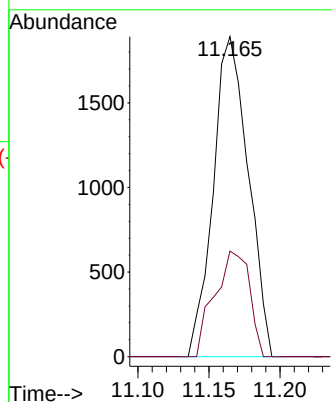
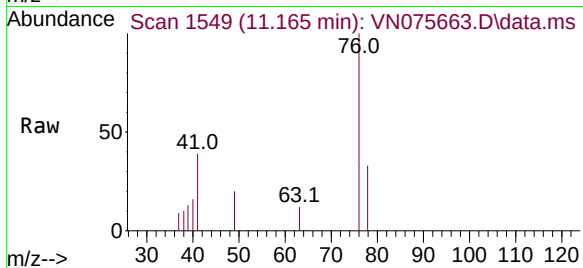
VSTDIC001

Tgt Ion: 76 Resp: 3248

Ion Ratio Lower Upper

76 100

78 32.7 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 3.903 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075663.D

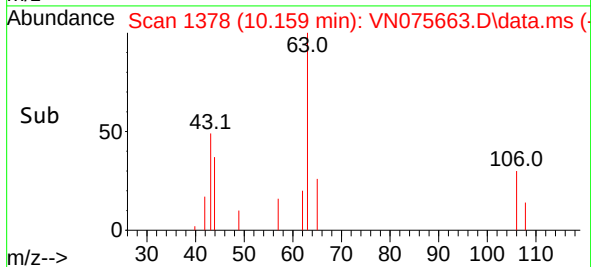
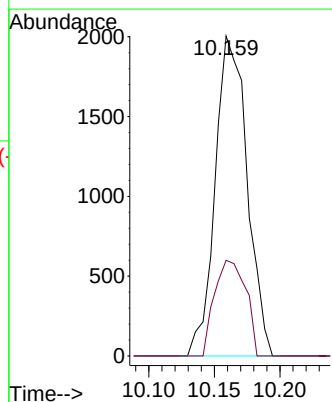
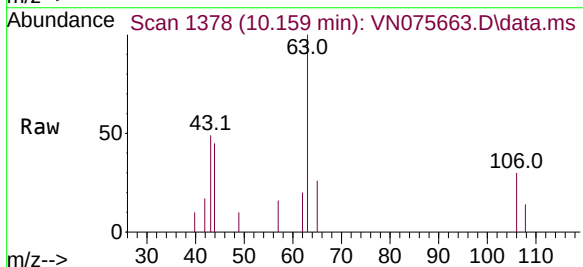
Acq: 09 Dec 2022 12:33

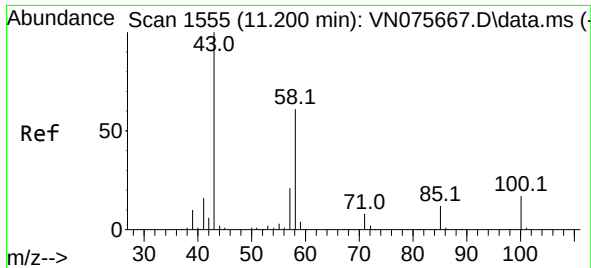
Tgt Ion: 63 Resp: 3395

Ion Ratio Lower Upper

63 100

106 29.2 26.6 40.0

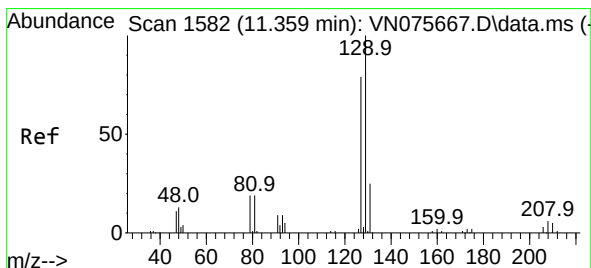
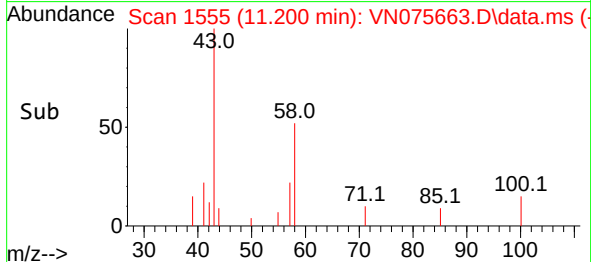
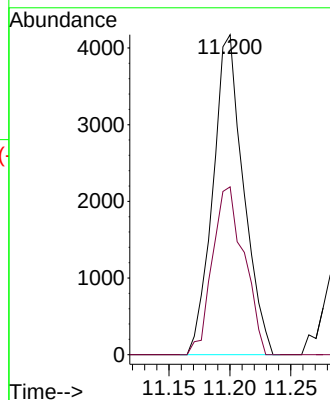
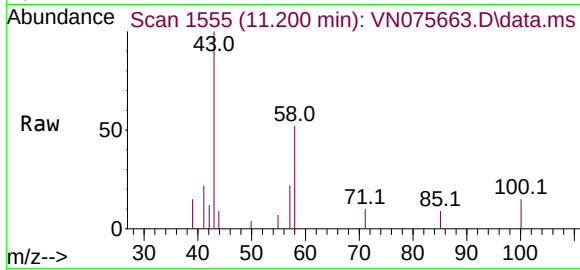




#59
2-Hexanone
Concen: 4.453 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

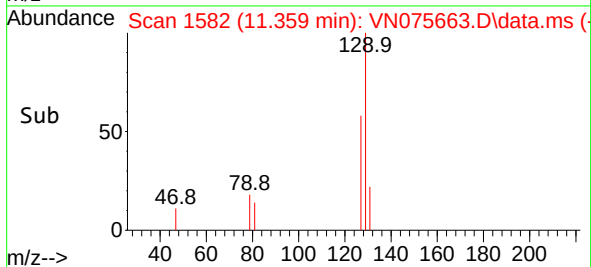
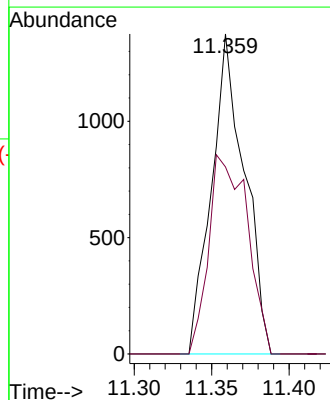
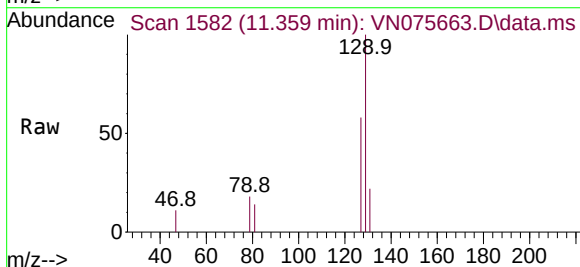
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

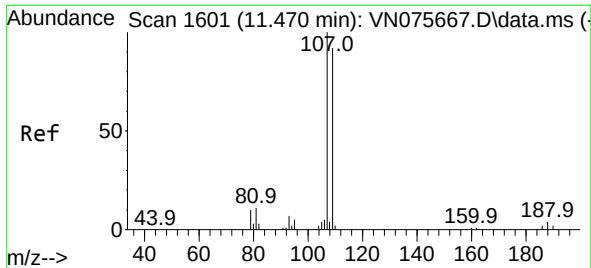
Tgt Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
58 54.3 30.9 92.5



#60
Dibromochloromethane
Concen: 0.852 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 129 Resp: 2038
Ion Ratio Lower Upper
129 100
127 72.7 38.6 116.0

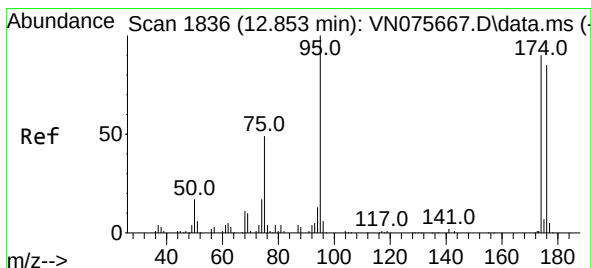
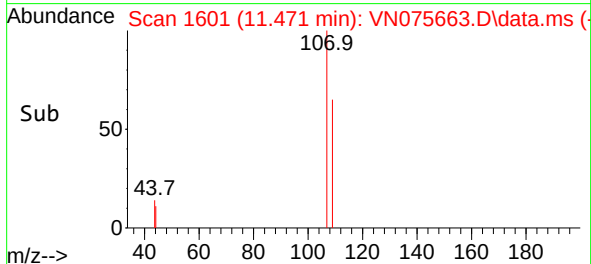
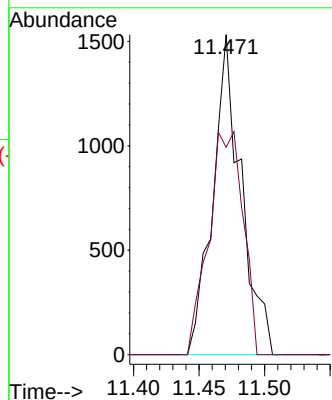
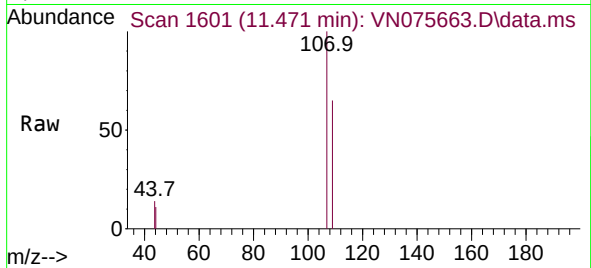




#61
1,2-Dibromoethane
Concen: 1.012 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

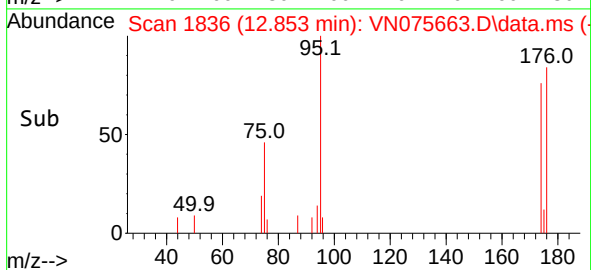
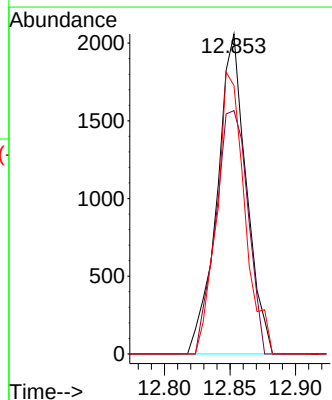
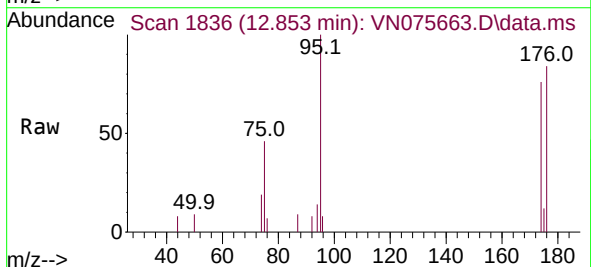
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

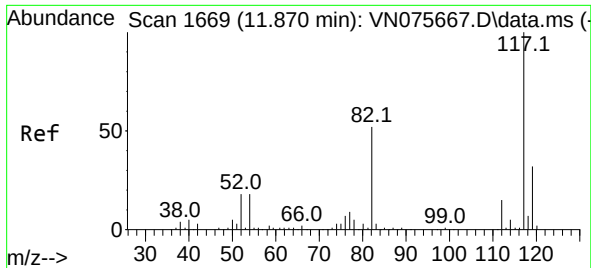
Tgt Ion:107 Resp: 2305
Ion Ratio Lower Upper
107 100
109 84.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 1.207 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 95 Resp: 3181
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.6
176 84.3 0.0 170.8

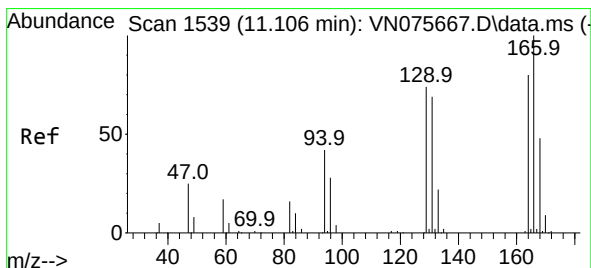
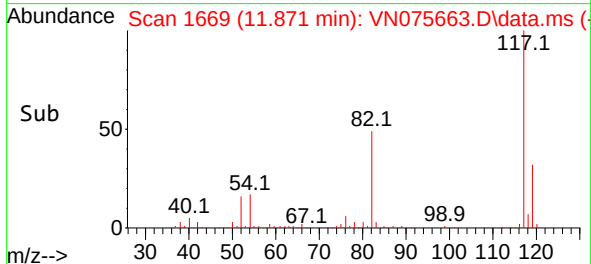
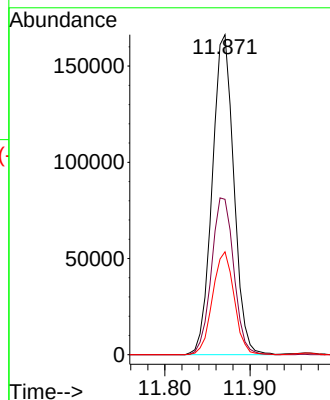
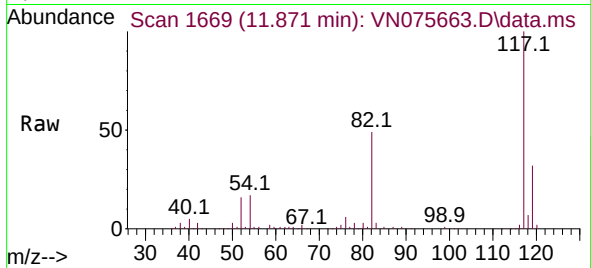




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

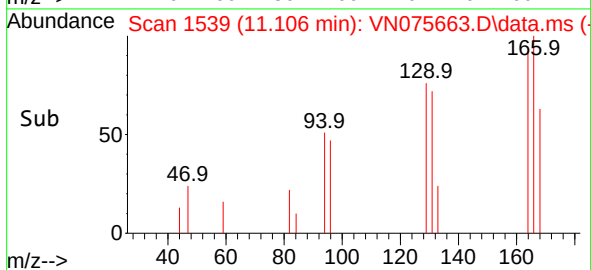
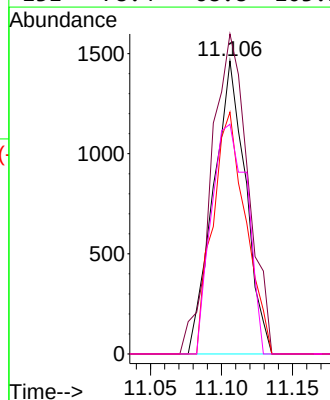
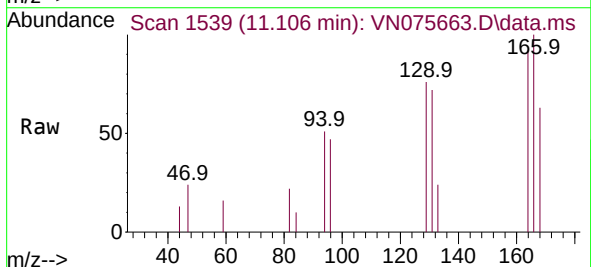
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

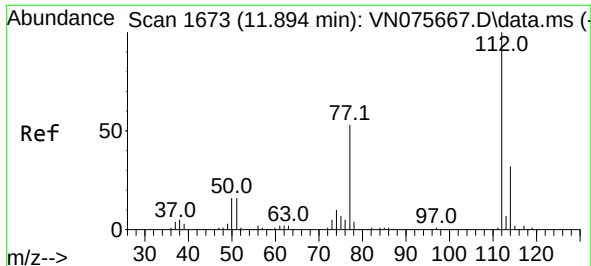
Tgt Ion:117 Resp: 292633
Ion Ratio Lower Upper
117 100
82 48.5 41.8 62.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 1.085 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion:164 Resp: 2312
Ion Ratio Lower Upper
164 100
166 109.2 100.3 150.5
129 82.5 73.9 110.9
131 78.4 68.8 103.2

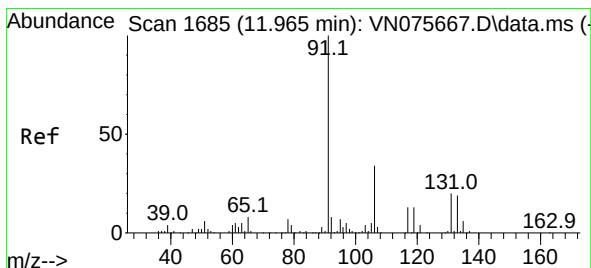
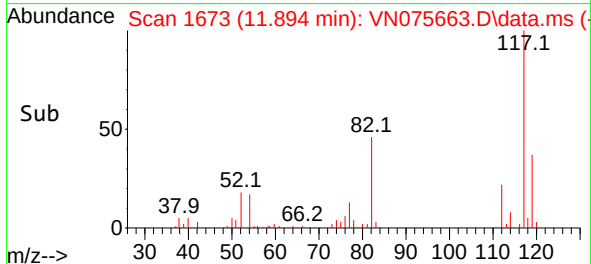
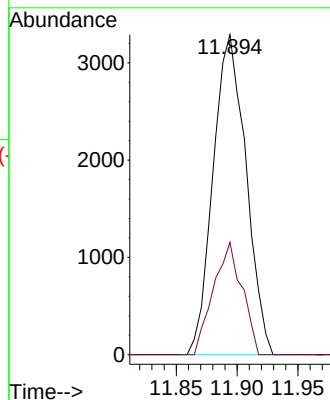
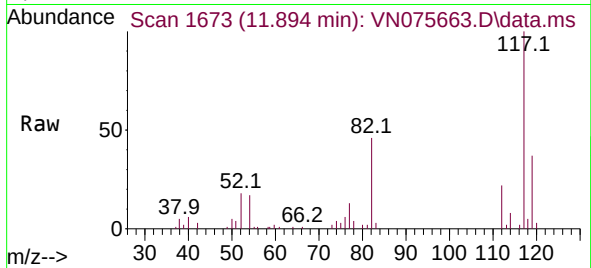




#65
Chlorobenzene
Concen: 1.026 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

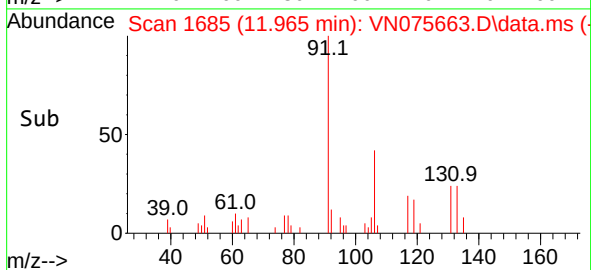
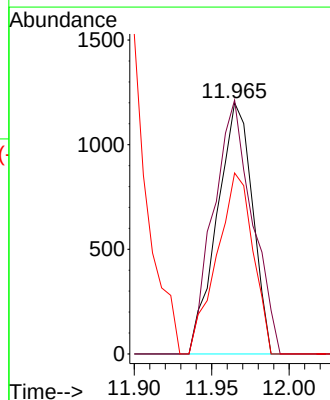
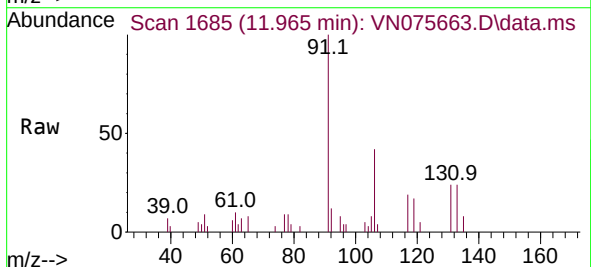
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

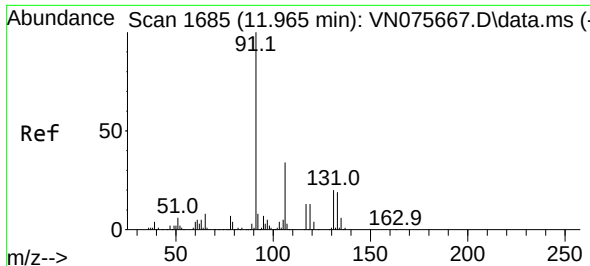
Tgt Ion:112 Resp: 6179
Ion Ratio Lower Upper
112 100
114 35.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.869 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion:131 Resp: 1903
Ion Ratio Lower Upper
131 100
133 110.6 47.5 142.6
119 0.0 32.5 97.4#

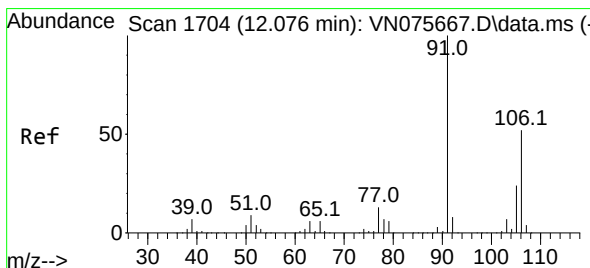
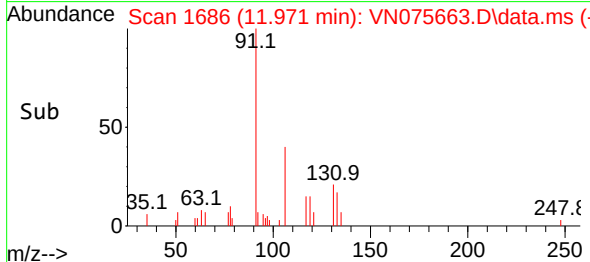
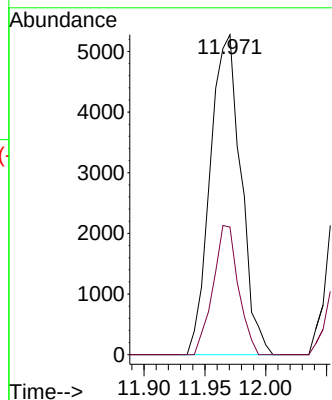
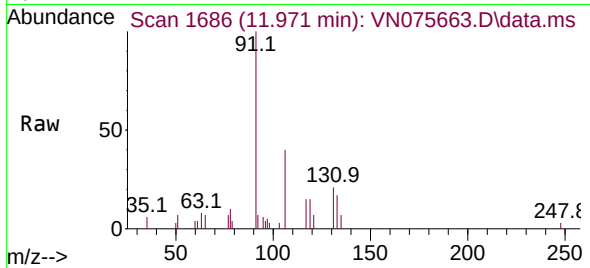




#67
Ethyl Benzene
Concen: 0.911 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

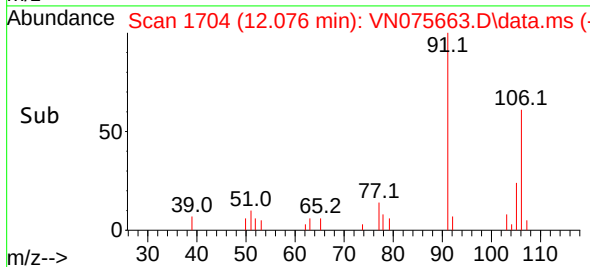
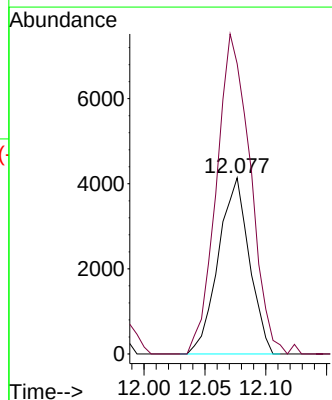
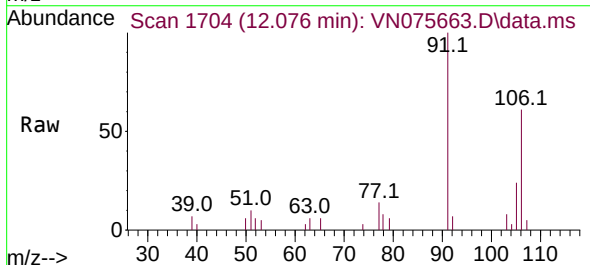
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

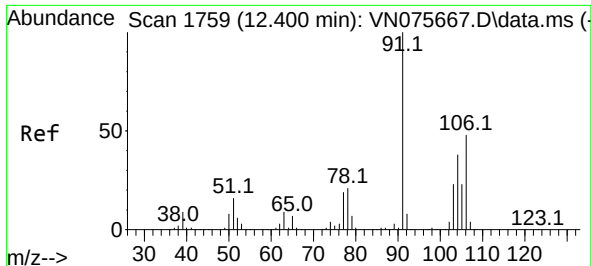
Tgt Ion: 91 Resp: 9284
Ion Ratio Lower Upper
91 100
106 39.9 26.9 40.3



#68
m/p-Xylenes
Concen: 1.781 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 106 Resp: 7329
Ion Ratio Lower Upper
106 100
91 198.9 156.2 234.4





#69

o-Xylene

Concen: 0.836 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

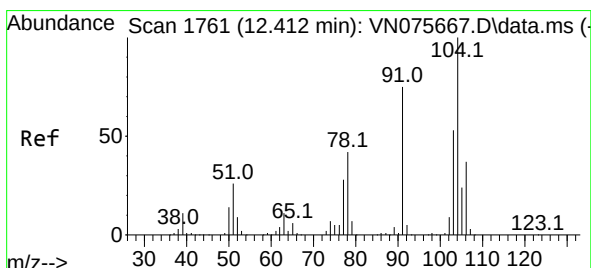
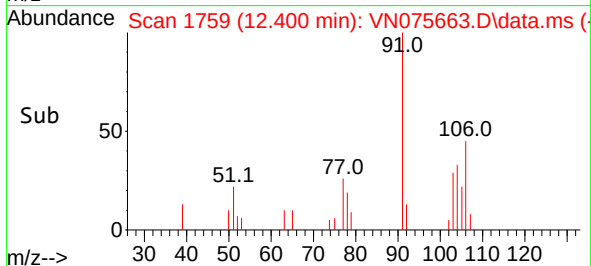
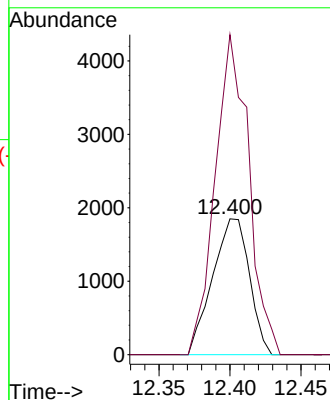
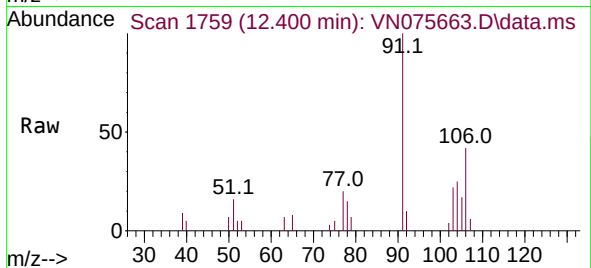
VSTDIC001

Tgt Ion:106 Resp: 3340

Ion Ratio Lower Upper

106 100

91 214.8 102.8 308.5



#70

Styrene

Concen: 0.789 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

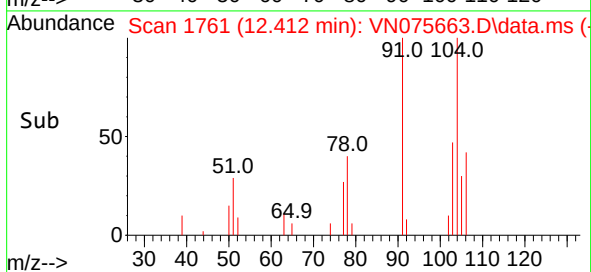
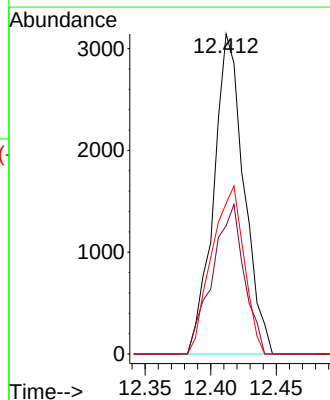
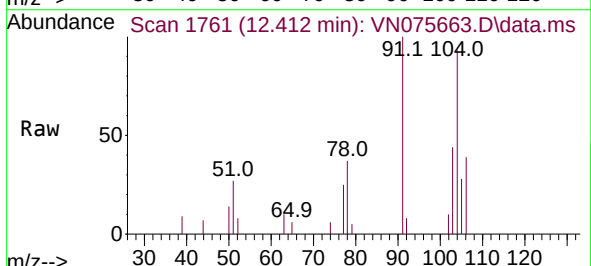
Tgt Ion:104 Resp: 5054

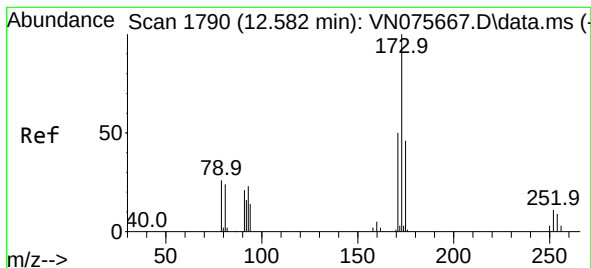
Ion Ratio Lower Upper

104 100

78 49.1 36.7 55.1

103 55.8 44.0 66.0





#71

Bromoform

Concen: 0.851 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

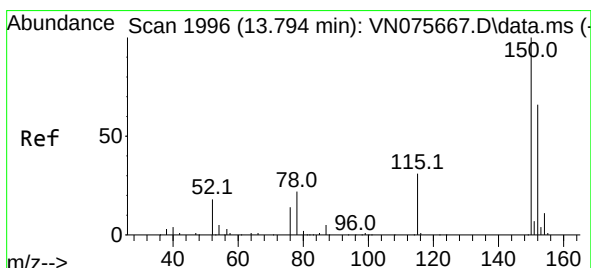
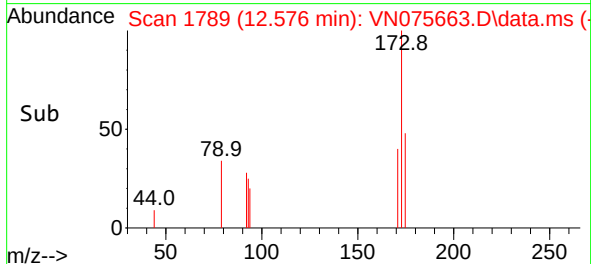
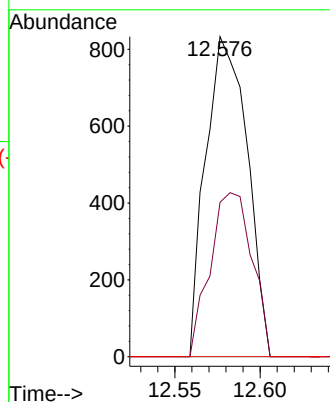
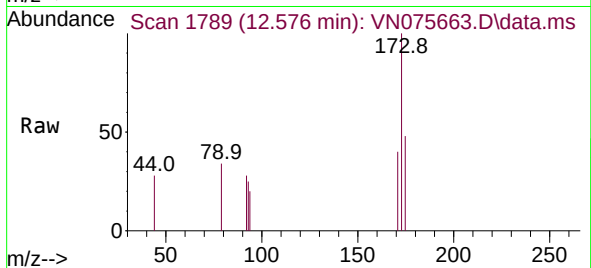
Tgt Ion:173 Resp: 1413

Ion Ratio Lower Upper

173 100

175 51.9 23.8 71.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

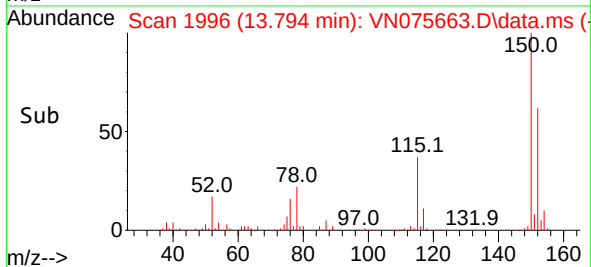
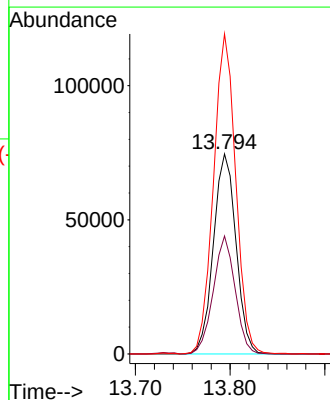
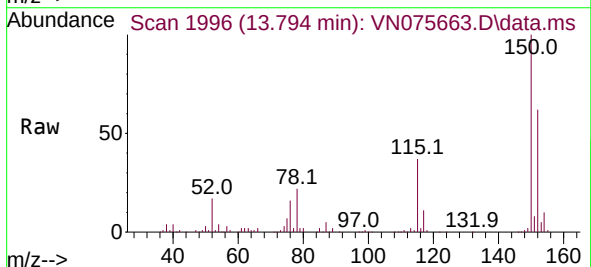
Tgt Ion:152 Resp: 123428

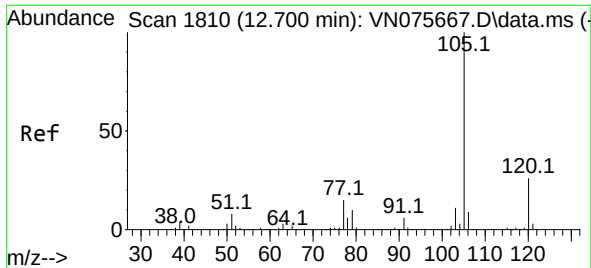
Ion Ratio Lower Upper

152 100

115 56.9 28.4 85.2

150 157.8 0.0 347.6

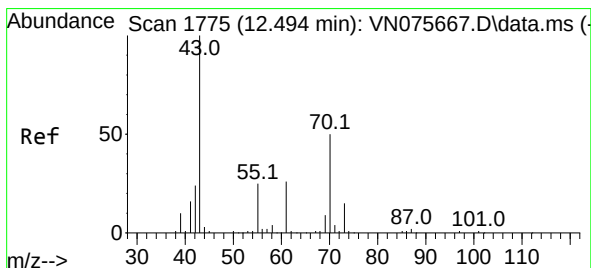
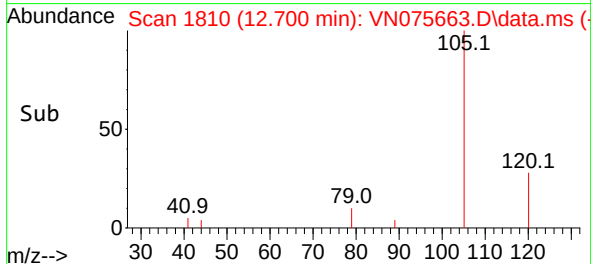
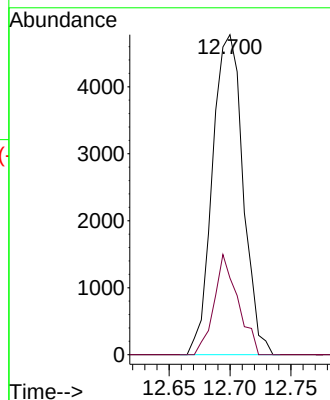
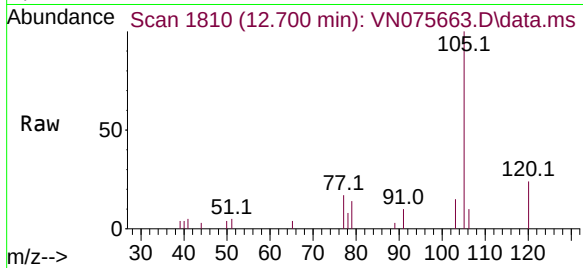




#73
Isopropylbenzene
Concen: 0.943 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

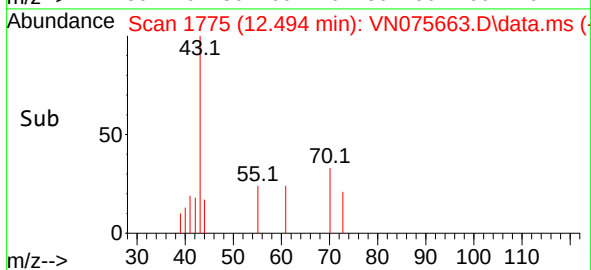
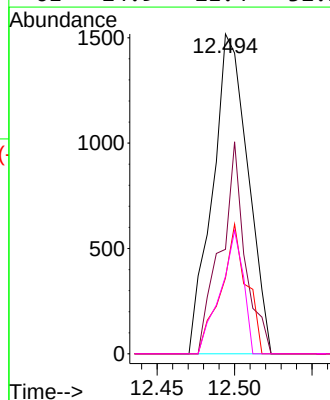
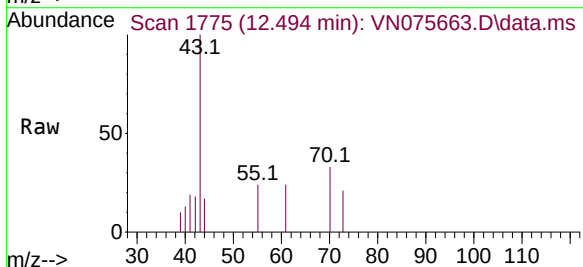
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

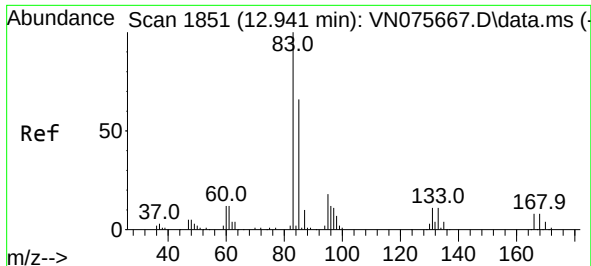
Tgt Ion:105 Resp: 8356
Ion Ratio Lower Upper
105 100
120 24.4 13.4 40.2



#74
N-ethyl acetate
Concen: 0.936 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
70 45.6 41.0 61.6
55 29.3 20.7 31.1
61 24.9 21.4 32.2

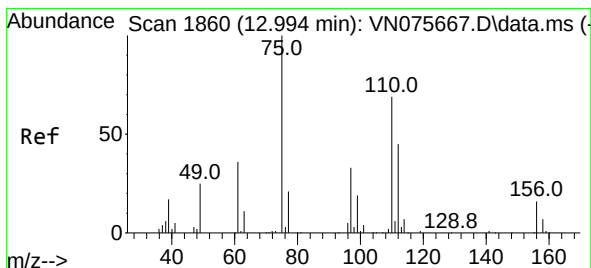
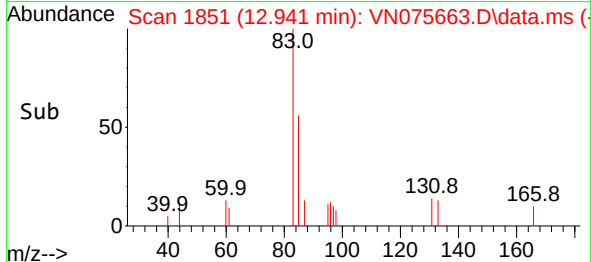
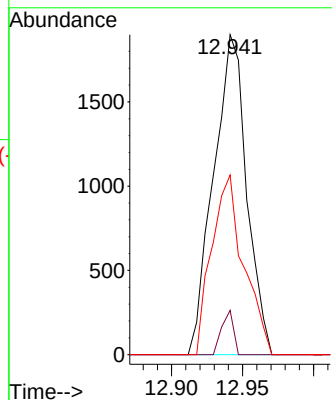
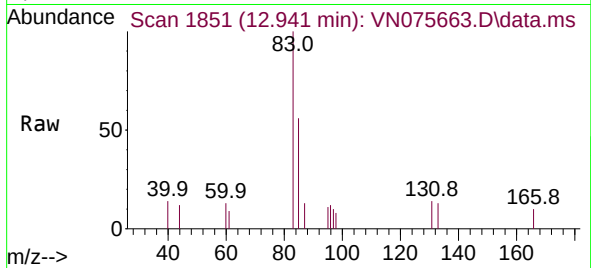




#75
1,1,2,2-Tetrachloroethane
Concen: 1.155 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

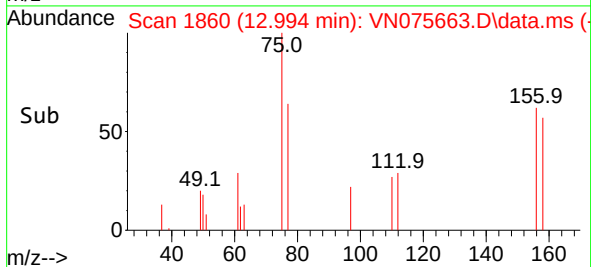
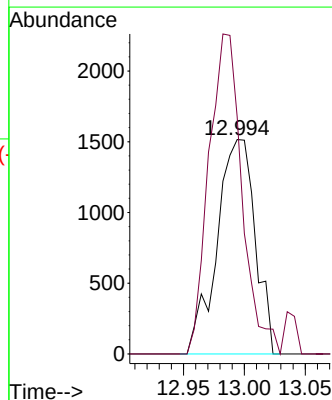
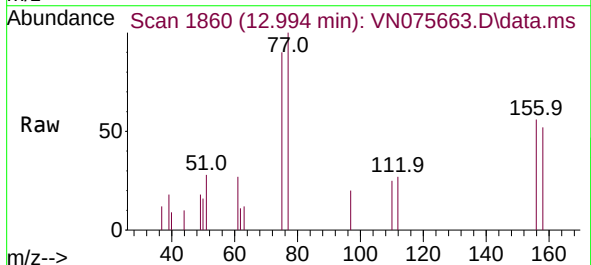
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

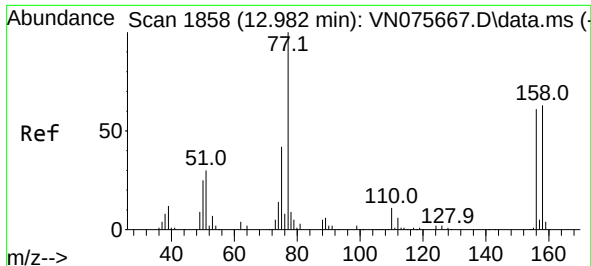
Tgt Ion: 83 Resp: 3076
Ion Ratio Lower Upper
83 100
131 4.9 5.6 16.8#
85 54.4 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 1.335 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 75 Resp: 3310
Ion Ratio Lower Upper
75 100
77 129.2 81.8 245.4

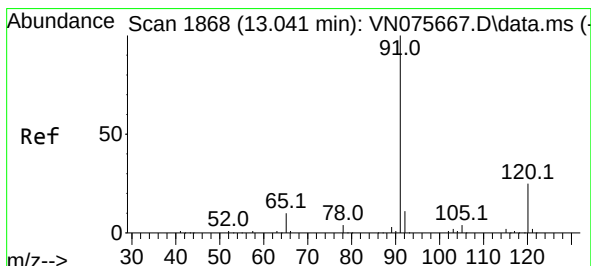
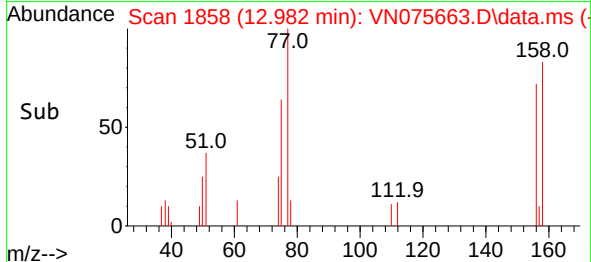
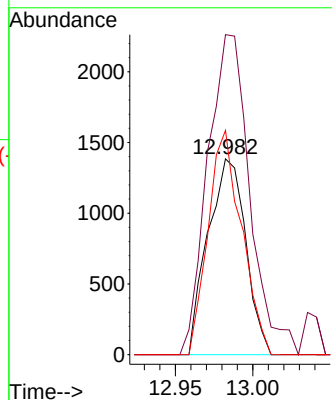
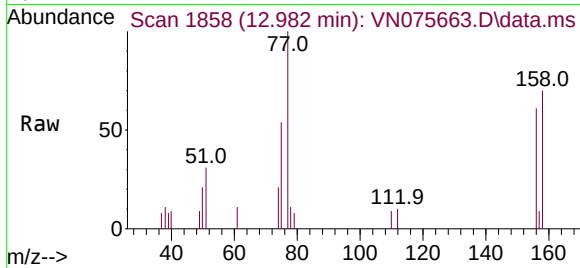




#77
Bromobenzene
Concen: 1.049 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

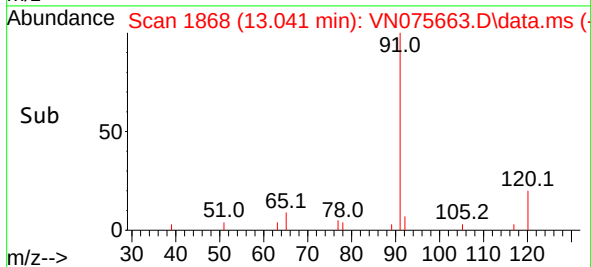
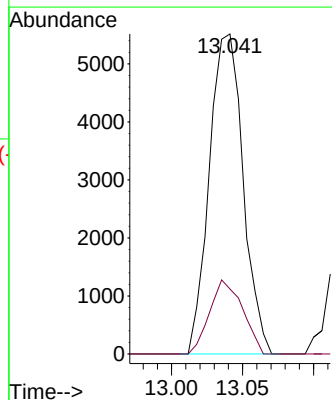
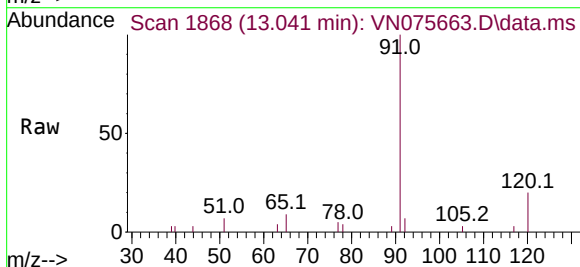
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

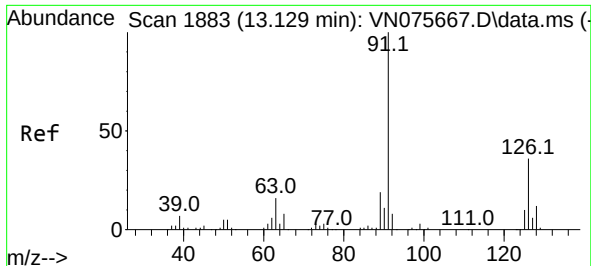
Tgt Ion:156 Resp: 2339
Ion Ratio Lower Upper
156 100
77 182.8 90.8 272.5
158 101.9 49.3 147.8



#78
n-propylbenzene
Concen: 0.928 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 91 Resp: 9123
Ion Ratio Lower Upper
91 100
120 22.5 12.1 36.3

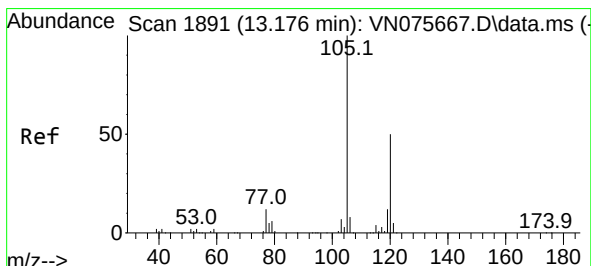
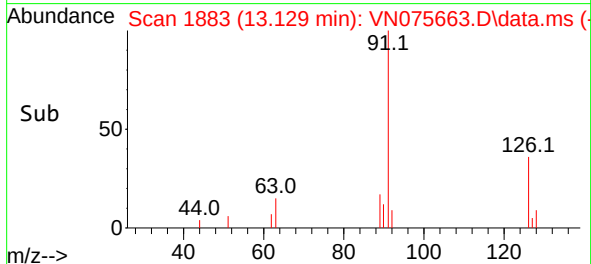
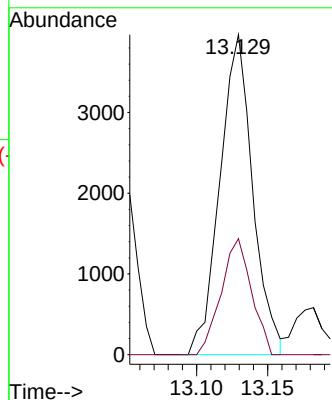
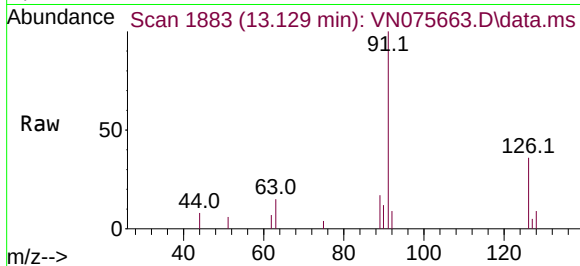




#79
2-Chlorotoluene
Concen: 1.049 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

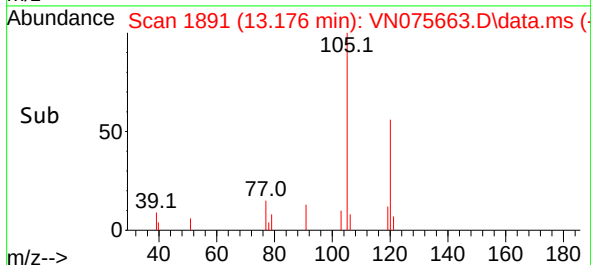
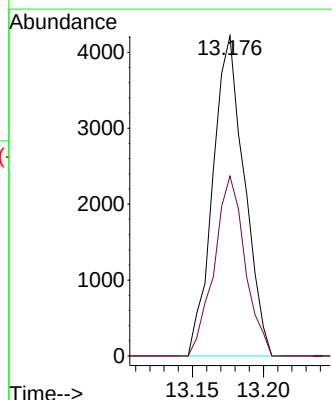
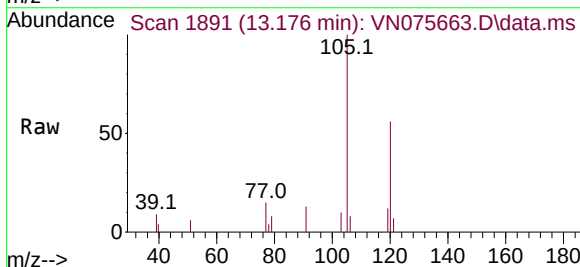
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

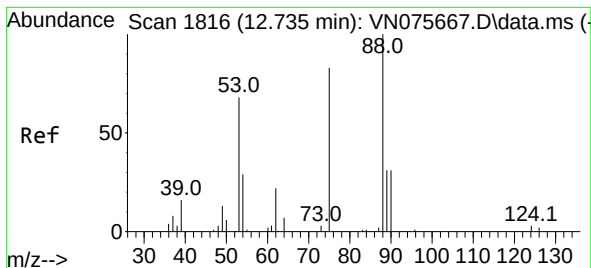
Tgt Ion: 91 Resp: 6367
Ion Ratio Lower Upper
91 100
126 33.5 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 0.878 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 105 Resp: 6502
Ion Ratio Lower Upper
105 100
120 55.0 24.9 74.6

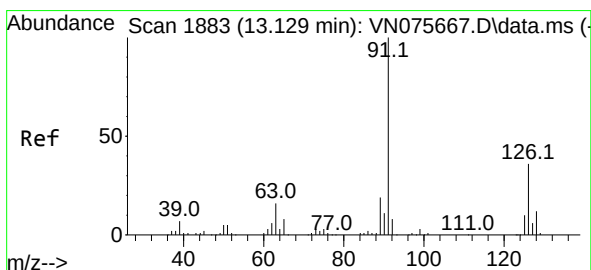
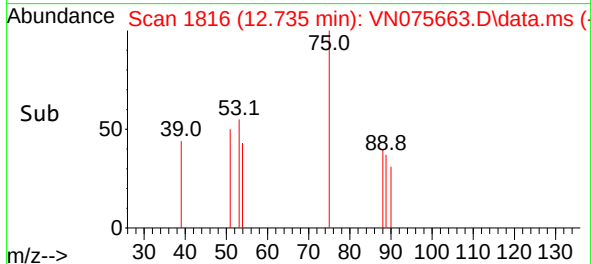
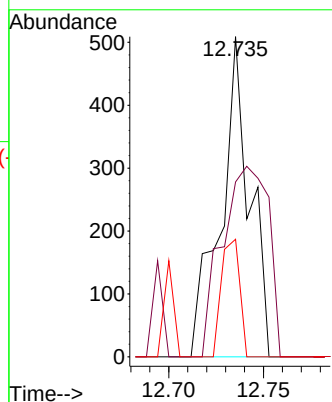
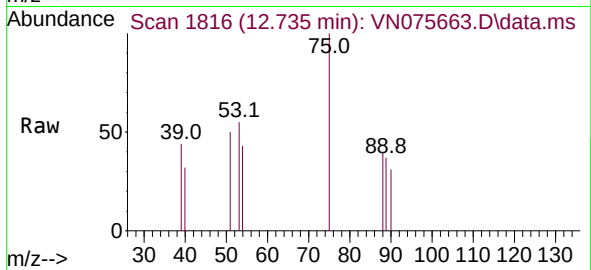




#81
trans-1,4-Dichloro-2-butene
Concen: 3.362 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

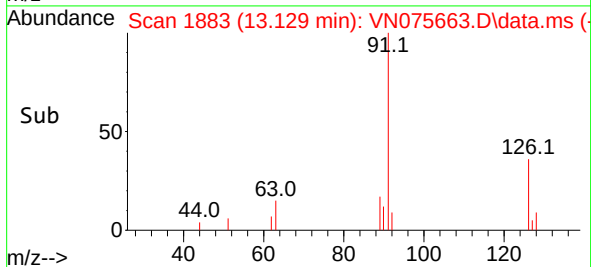
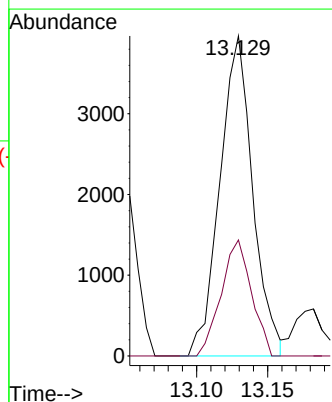
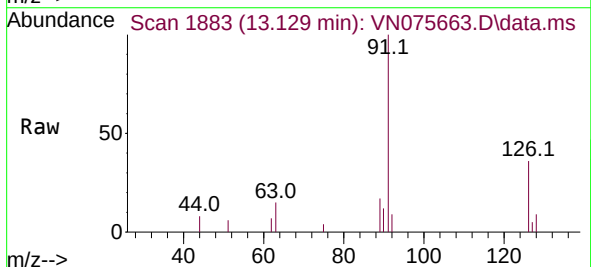
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

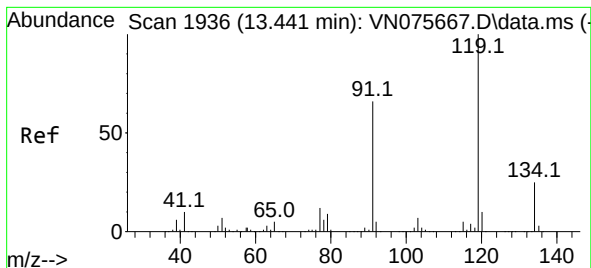
Tgt Ion: 75 Resp: 543
Ion Ratio Lower Upper
75 100
53 95.2 72.4 108.6
89 23.2 36.6 55.0#



#82
4-Chlorotoluene
Concen: 1.049 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion: 91 Resp: 6367
Ion Ratio Lower Upper
91 100
126 33.5 17.8 53.4





#83

tert-Butylbenzene

Concen: 0.933 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

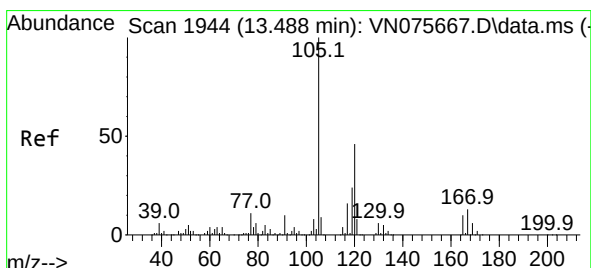
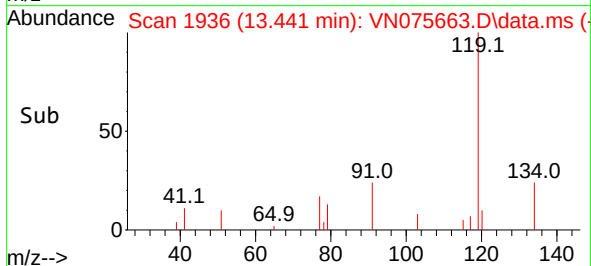
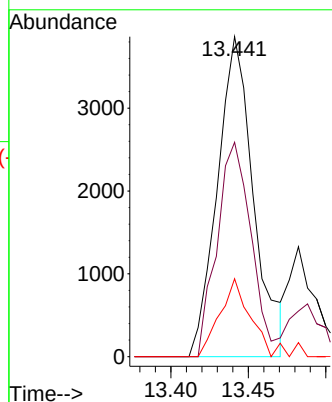
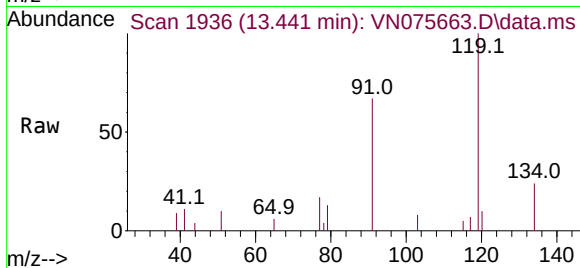
Tgt Ion:119 Resp: 6270

Ion Ratio Lower Upper

119 100

91 62.5 31.9 95.9

134 21.9 13.9 41.7



#84

1,2,4-Trimethylbenzene

Concen: 0.882 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.006 min

Lab File: VN075663.D

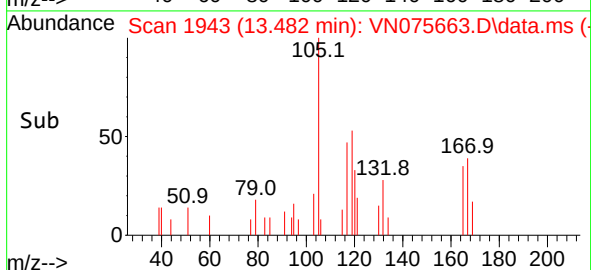
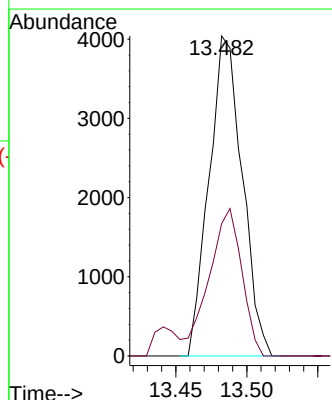
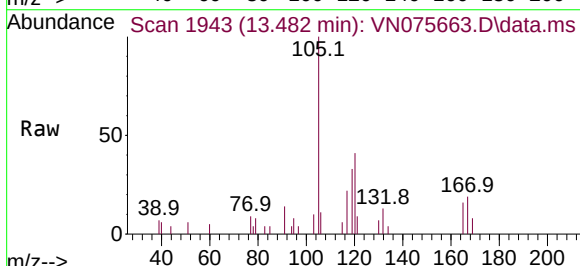
Acq: 09 Dec 2022 12:33

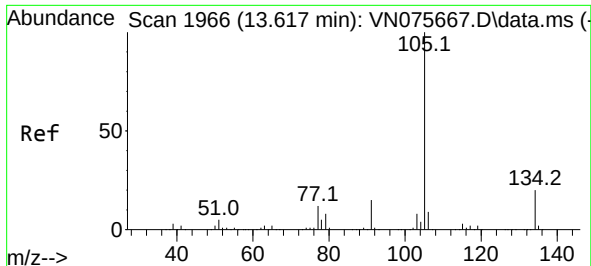
Tgt Ion:105 Resp: 6566

Ion Ratio Lower Upper

105 100

120 45.6 23.1 69.2

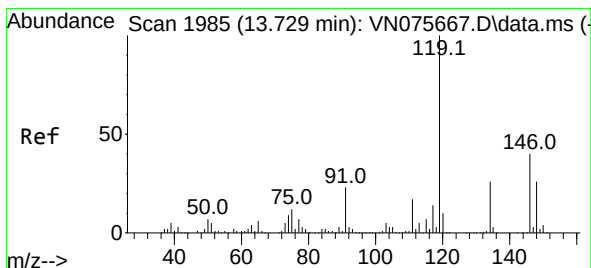
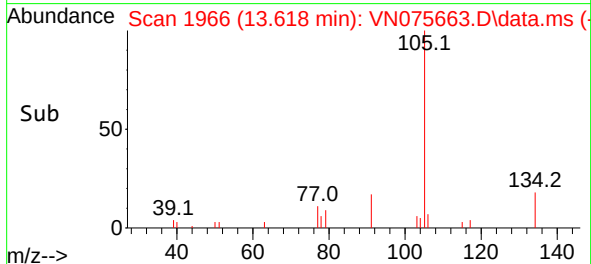
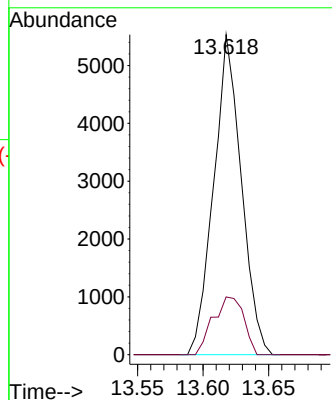
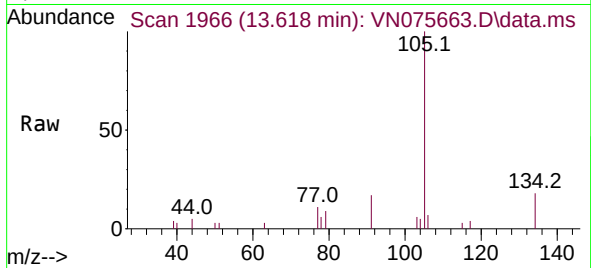




#85
 sec-Butylbenzene
 Concen: 0.877 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

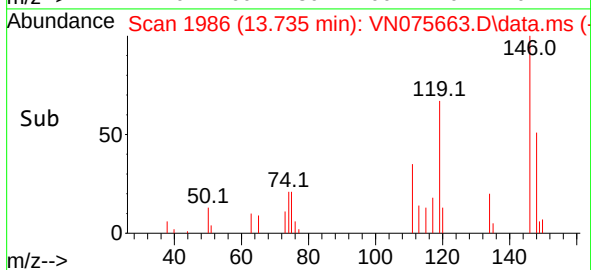
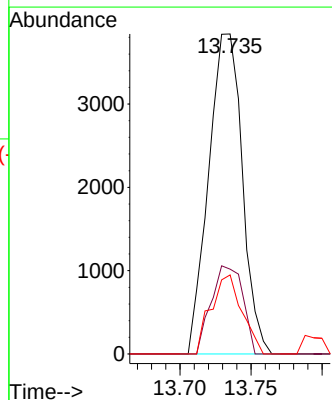
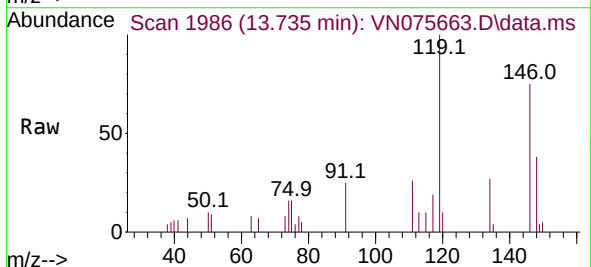
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

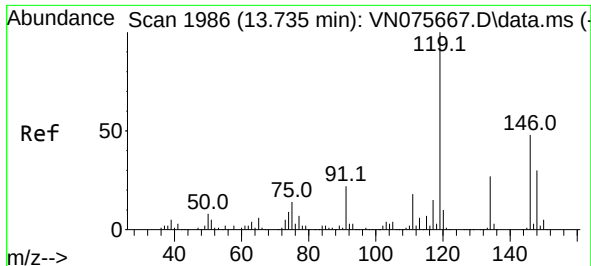
Tgt Ion:105 Resp: 8099
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 0.819 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

Tgt Ion:119 Resp: 6328
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.9
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 1.045 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

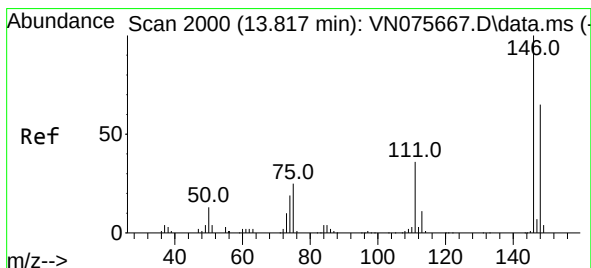
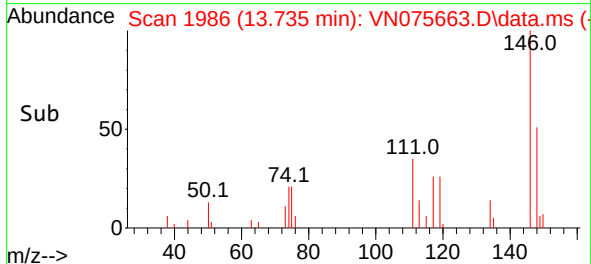
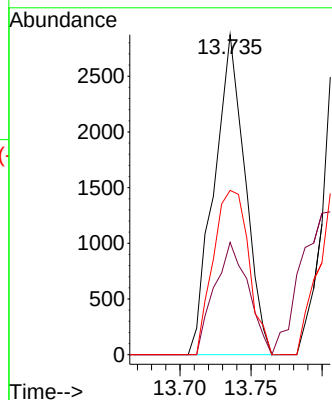
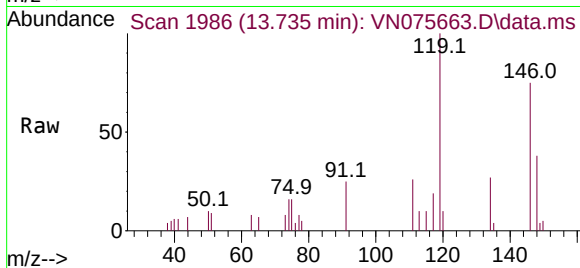
Tgt Ion:146 Resp: 4357

Ion Ratio Lower Upper

146 100

111 38.3 19.8 59.3

148 59.0 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 1.028 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.082 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

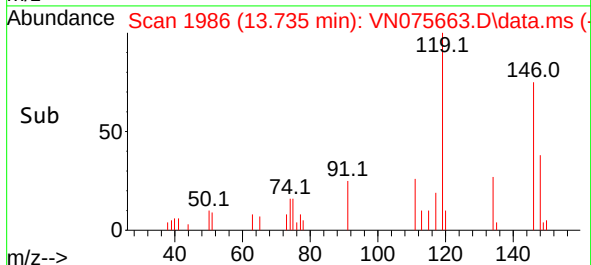
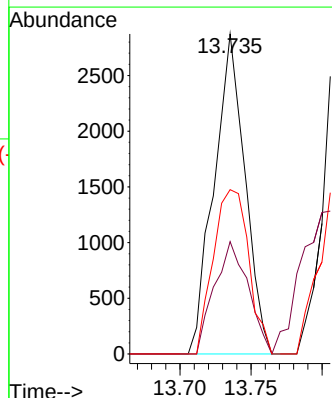
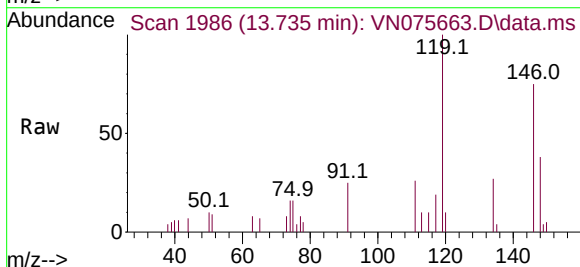
Tgt Ion:146 Resp: 4357

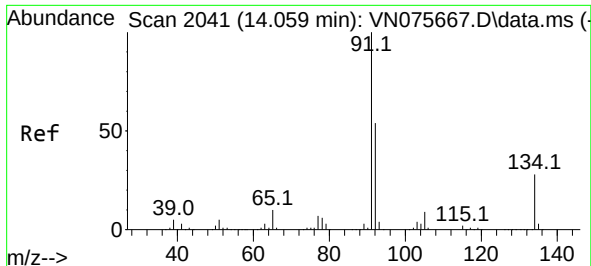
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 59.0 32.1 96.3





#89

n-Butylbenzene

Concen: 0.888 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

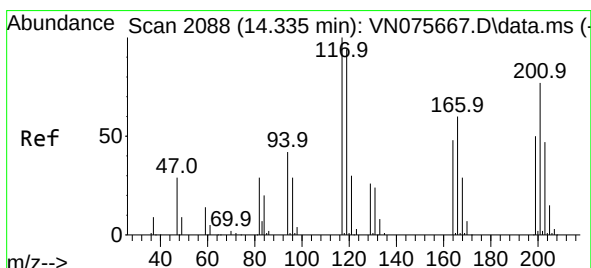
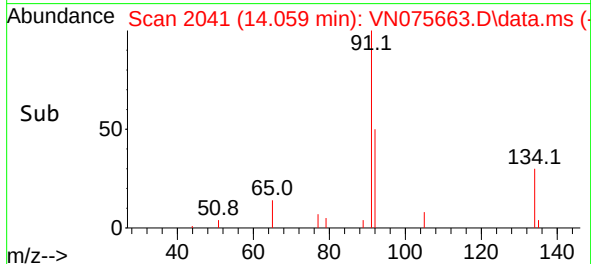
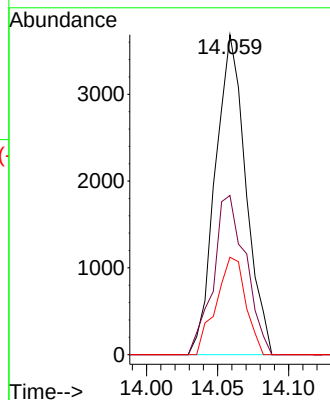
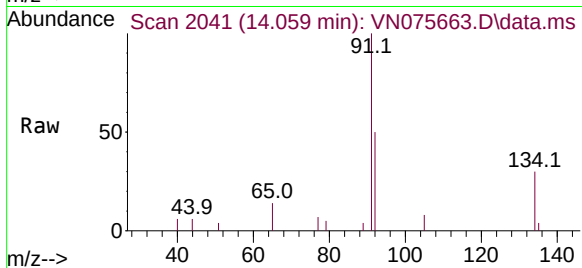
Tgt Ion: 91 Resp: 5500

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.1

134 29.5 13.9 41.7



#90

Hexachloroethane

Concen: 0.853 ug/l

RT: 14.341 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VN075663.D

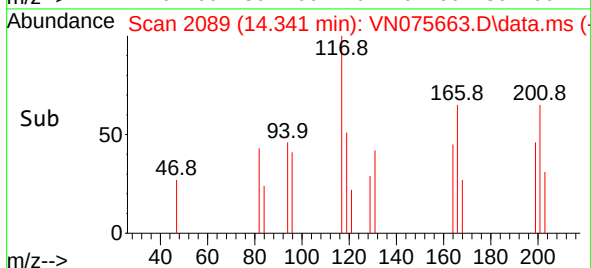
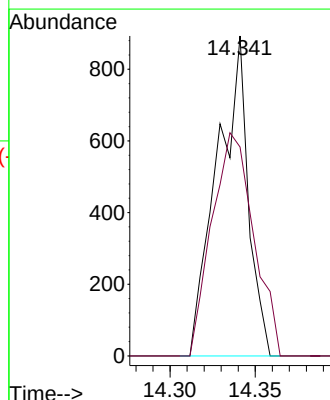
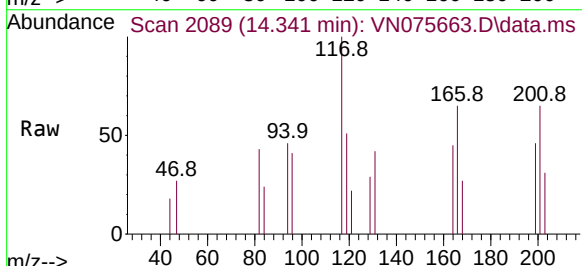
Acq: 09 Dec 2022 12:33

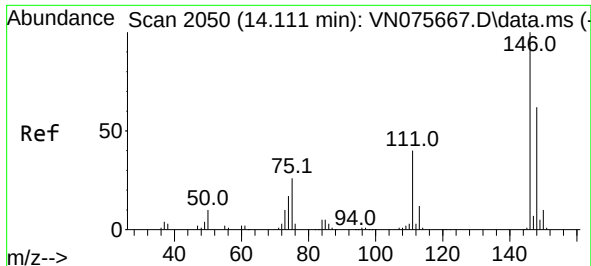
Tgt Ion: 117 Resp: 1129

Ion Ratio Lower Upper

117 100

201 94.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 1.075 ug/l

RT: 14.112 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

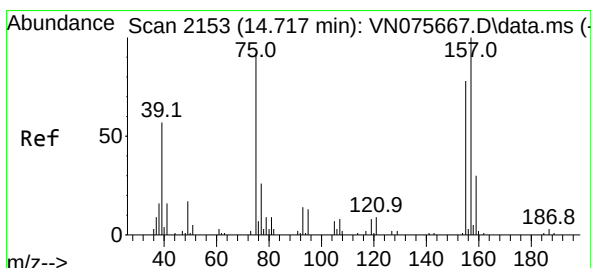
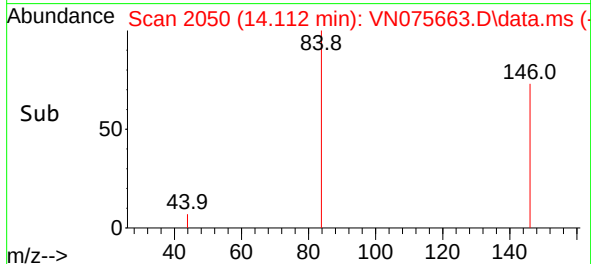
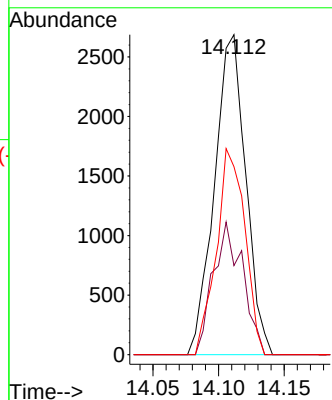
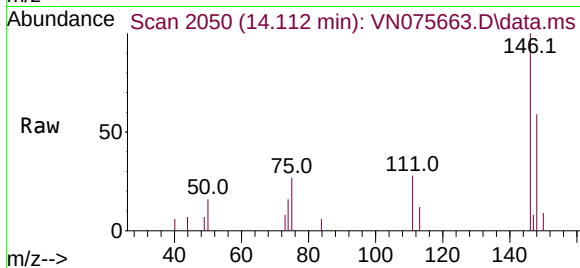
Tgt Ion:146 Resp: 4460

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.3

148 58.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.898 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075663.D

Acq: 09 Dec 2022 12:33

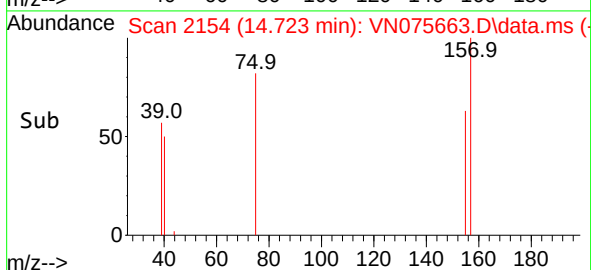
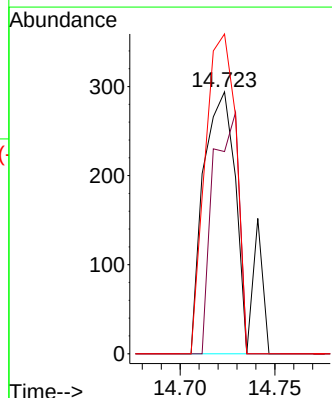
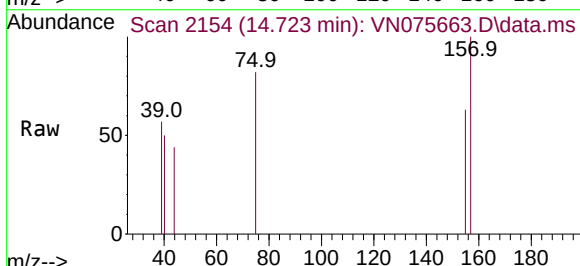
Tgt Ion: 75 Resp: 393

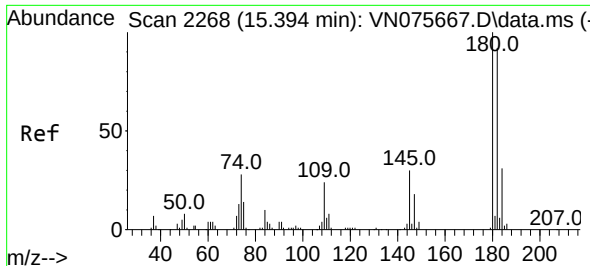
Ion Ratio Lower Upper

75 100

155 65.4 48.4 145.2

157 102.5 63.5 190.6

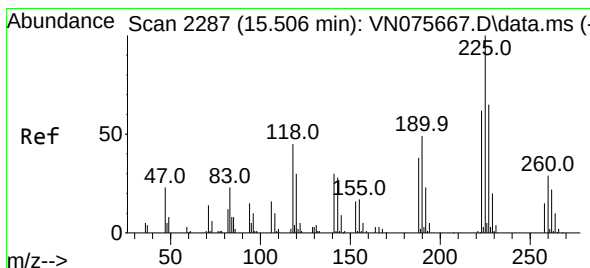
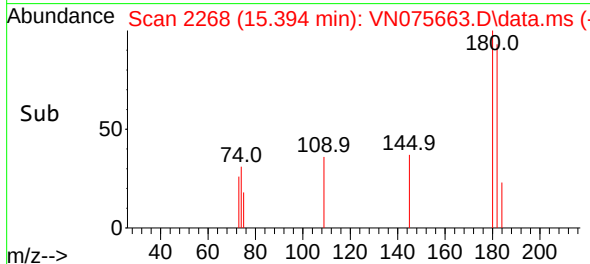
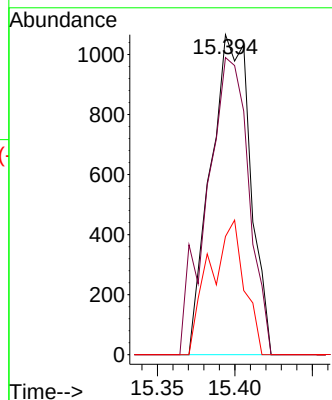
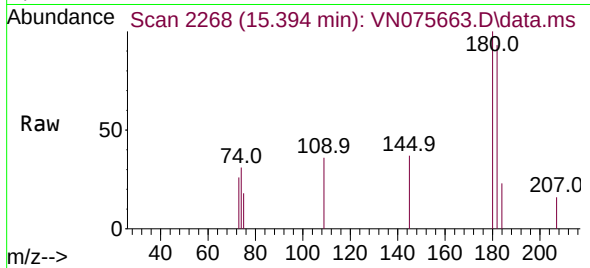




#93
 1,2,4-Trichlorobenzene
 Concen: 0.953 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

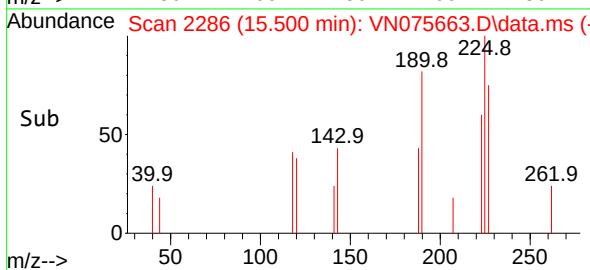
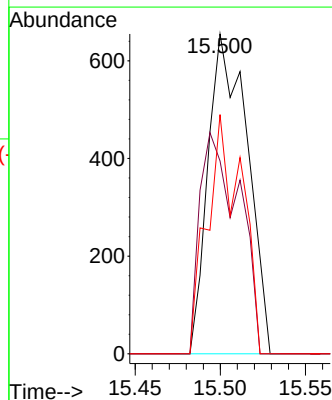
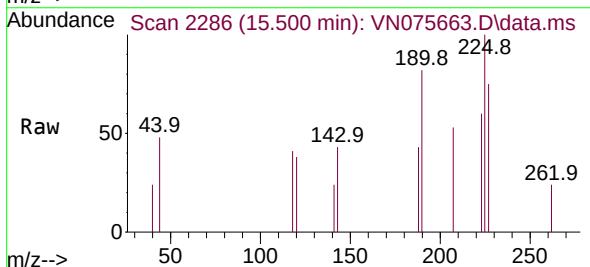
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

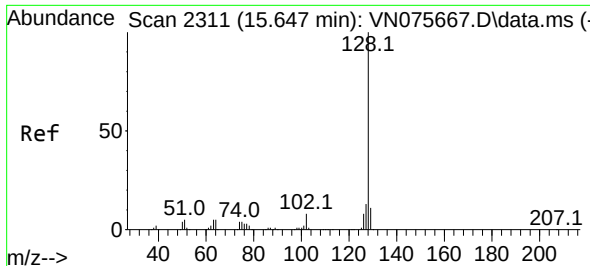
Tgt Ion:	180	Resp:	1897
Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.1	141.3
145	36.9	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 0.925 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: VN075663.D
 Acq: 09 Dec 2022 12:33

Tgt Ion:	225	Resp:	1045
Ion	Ratio	Lower	Upper
225	100		
223	69.5	31.4	94.2
227	65.9	31.3	93.9

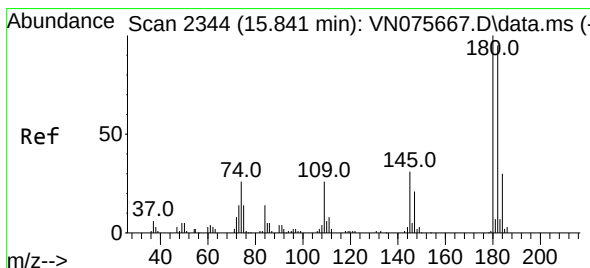
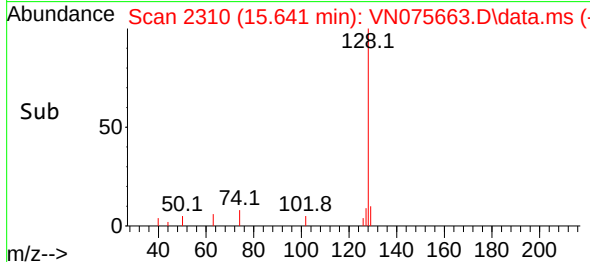
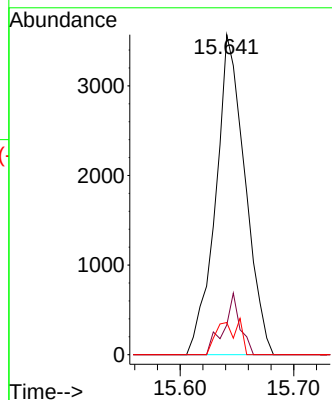
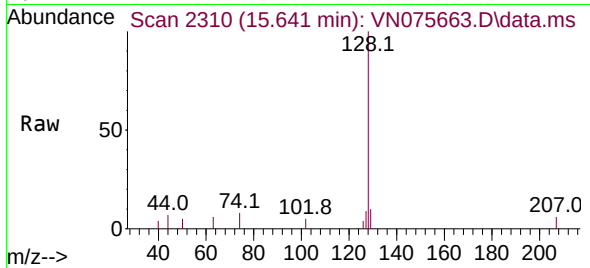




#95
Naphthalene
Concen: 1.091 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 6421
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 8.1 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 0.997 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN075663.D
Acq: 09 Dec 2022 12:33

Tgt Ion:180 Resp: 1950
Ion Ratio Lower Upper
180 100
182 102.5 46.8 140.4
145 21.1 15.6 46.8

