

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072539.D
 Acq On : 18 May 2022 13:54
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: May 18 15:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	167226	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	260333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	248124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	105235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	27920	10.857	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	21.720%#
35) Dibromofluoromethane	8.022	113	18061	10.379	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	20.760%#
50) Toluene-d8	10.433	98	66983	10.132	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	20.260%#
62) 4-Bromofluorobenzene	12.727	95	22989	10.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	20.400%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	18865	9.321	ug/l	97
3) Chloromethane	2.293	50	16573	7.740	ug/l	100
4) Vinyl Chloride	2.446	62	14918	8.860	ug/l	95
5) Bromomethane	2.805	94	14016	13.084	ug/l	94
6) Chloroethane	2.916	64	16668	14.564	ug/l	92
7) Trichlorofluoromethane	3.287	101	34275	10.731	ug/l	93
8) Diethyl Ether	3.810	74	10224	9.065	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.169	101	16069	9.340	ug/l	91
10) Methyl Iodide	4.387	142	19130	8.447	ug/l	# 85
11) Tert butyl alcohol	5.422	59	13022	33.626	ug/l	# 94
12) 1,1-Dichloroethene	4.140	96	15105	9.390	ug/l	# 80
13) Acrolein	4.028	56	16153	41.771	ug/l	89
14) Allyl chloride	4.804	41	23758	7.924	ug/l	90
15) Acrylonitrile	5.557	53	47726	43.487	ug/l	97
16) Acetone	4.293	43	42740	44.340	ug/l	92
17) Carbon Disulfide	4.487	76	34919	8.357	ug/l	97
18) Methyl Acetate	4.851	43	23388	8.211	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	57291	9.646	ug/l	97
20) Methylene Chloride	5.069	84	18361	9.046	ug/l	97
21) trans-1,2-Dichloroethene	5.581	96	15290	8.901	ug/l	98
22) Diisopropyl ether	6.487	45	52518	8.536	ug/l	# 85
23) Vinyl Acetate	6.428	43	229151	44.506	ug/l	96
24) 1,1-Dichloroethane	6.369	63	32091	9.201	ug/l	99
25) 2-Butanone	7.334	43	63419	41.411	ug/l	97
26) 2,2-Dichloropropane	7.316	77	29791	10.051	ug/l	97
27) cis-1,2-Dichloroethene	7.310	96	19329	9.424	ug/l	94
28) Bromochloromethane	7.645	49	13971	9.408	ug/l	# 92
29) Tetrahydrofuran	7.687	42	38648	38.890	ug/l	96
30) Chloroform	7.804	83	36765	10.240	ug/l	99
31) Cyclohexane	8.081	56	30520	9.315	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	33212	10.028	ug/l	96
36) 1,1-Dichloropropene	8.210	75	23283	9.551	ug/l	96
37) Ethyl Acetate	7.404	43	23452	8.198	ug/l	95
38) Carbon Tetrachloride	8.198	117	30346	11.024	ug/l	90
39) Methylcyclohexane	9.451	83	27581	10.133	ug/l	95
40) Benzene	8.451	78	71095	9.773	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	12785	8.845	ug/l	89
42) 1,2-Dichloroethane	8.528	62	33269	11.216	ug/l	94
43) Isopropyl Acetate	8.563	43	41877	9.349	ug/l #	92
44) Trichloroethene	9.216	130	19532	10.546	ug/l	89
45) 1,2-Dichloropropane	9.481	63	17980	9.840	ug/l	98
46) Dibromomethane	9.569	93	13284	10.256	ug/l	97
47) Bromodichloromethane	9.751	83	27542	10.346	ug/l	97
48) Methyl methacrylate	9.557	41	18666	9.018	ug/l	94
49) 1,4-Dioxane	9.575	88	3057	92.668	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	135378	48.232	ug/l	94
52) Toluene	10.498	92	46291	10.198	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	27661	10.129	ug/l	97
54) cis-1,3-Dichloropropene	10.181	75	28831	10.010	ug/l	89
55) 1,1,2-Trichloroethane	10.898	97	19791	10.349	ug/l	94
56) Ethyl methacrylate	10.757	69	27836	10.150	ug/l	86
57) 1,3-Dichloropropane	11.039	76	33762	10.449	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	36651	64.398	ug/l	99
59) 2-Hexanone	11.086	43	95802	48.893	ug/l	90
60) Dibromochloromethane	11.233	129	22218	10.888	ug/l	97
61) 1,2-Dibromoethane	11.339	107	19870	10.409	ug/l	100
64) Tetrachloroethene	10.975	164	18878	10.716	ug/l	93
65) Chlorobenzene	11.769	112	51010	10.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	20104	9.959	ug/l	96
67) Ethyl Benzene	11.839	91	90113	10.394	ug/l	96
68) m/p-Xylenes	11.951	106	67347	20.414	ug/l	87
69) o-Xylene	12.280	106	34207	10.536	ug/l	93
70) Styrene	12.286	104	52658	10.539	ug/l	91
71) Bromoform	12.457	173	16811	11.339	ug/l #	99
73) Isopropylbenzene	12.575	105	88686	10.230	ug/l	100
74) N-amyl acetate	12.386	43	28484	9.452	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	27511	8.966	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	36674	13.526	ug/l	52
77) Bromobenzene	12.857	156	21246	10.241	ug/l	93
78) n-propylbenzene	12.916	91	94970	10.211	ug/l	96
79) 2-Chlorotoluene	13.004	91	64466	10.469	ug/l	95
80) 1,3,5-Trimethylbenzene	13.051	105	76519	10.671	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.616	75	7569	9.417	ug/l #	78
82) 4-Chlorotoluene	13.098	91	60077	10.347	ug/l	97
83) tert-Butylbenzene	13.322	119	67456	10.914	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	76863	11.159	ug/l	93
85) sec-Butylbenzene	13.498	105	84764	10.320	ug/l	99
86) p-Isopropyltoluene	13.610	119	71462	11.105	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	37937	10.651	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	35725	10.042	ug/l	94
89) n-Butylbenzene	13.939	91	49853	10.073	ug/l	97
90) Hexachloroethane	14.204	117	12455	9.694	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	35711	9.988	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.604	75	6001	10.875	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	14843	10.625	ug/l	97
94) Hexachlorobutadiene	15.363	225	10386	11.303	ug/l	98
95) Naphthalene	15.504	128	38901	9.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	14953	10.678	ug/l	97

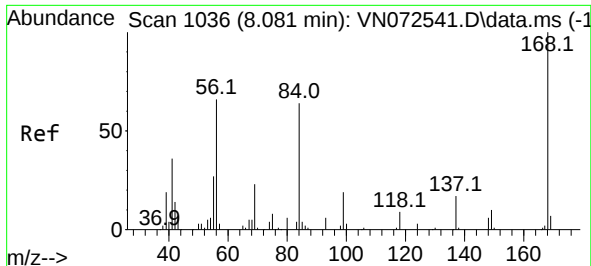
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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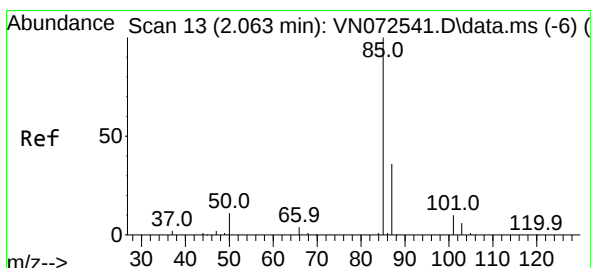
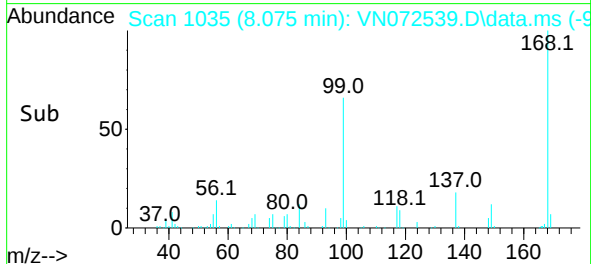
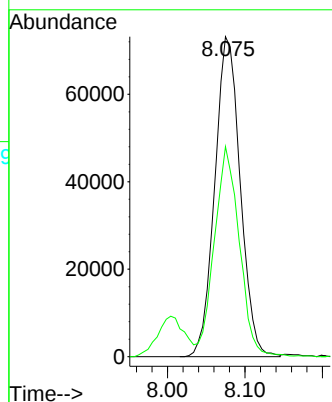
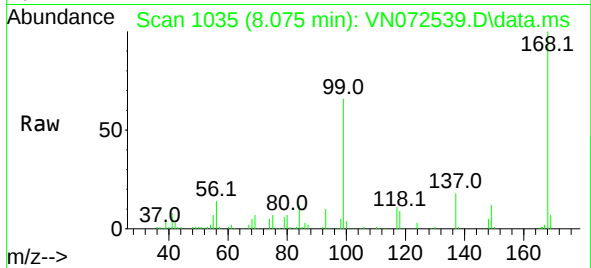
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

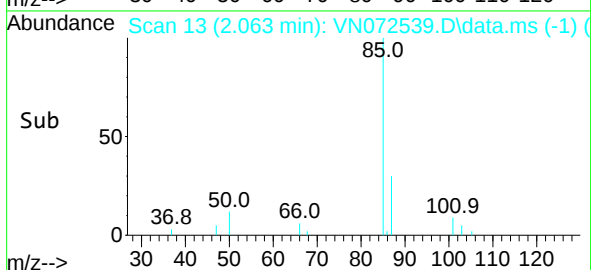
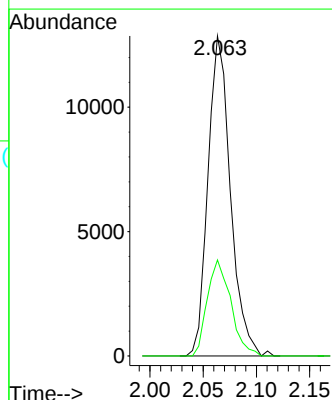
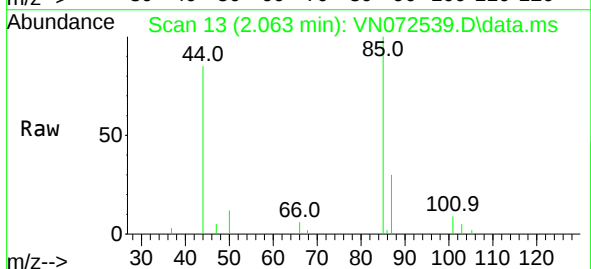
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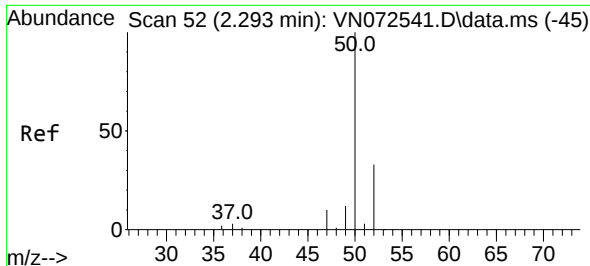
Tgt Ion:168 Resp: 167226
Ion Ratio Lower Upper
168 100
99 64.9 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 9.321 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 85 Resp: 18865
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.1

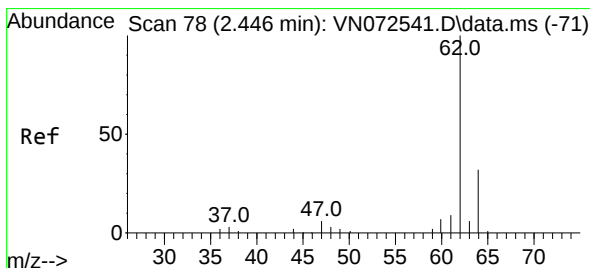
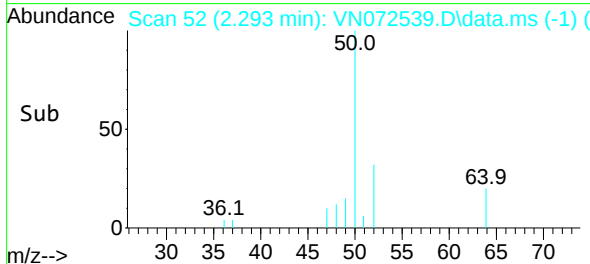
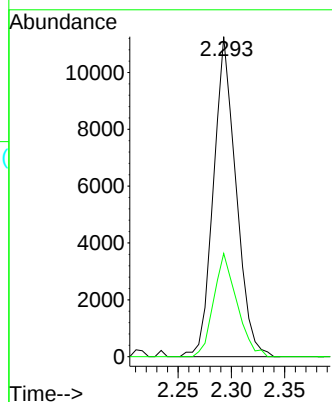
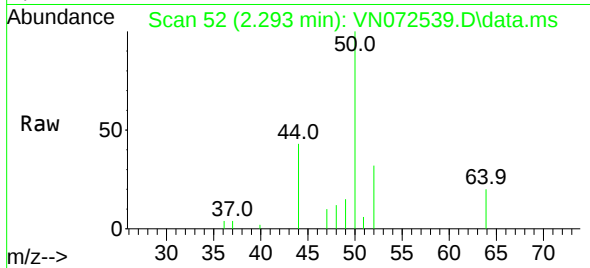




#3
Chloromethane
Concen: 7.740 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

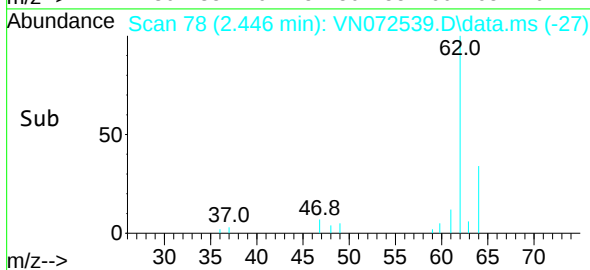
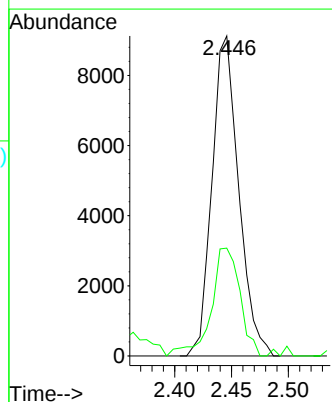
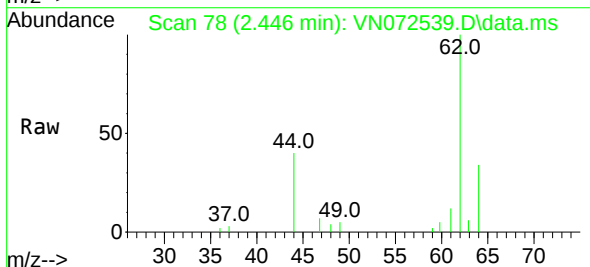
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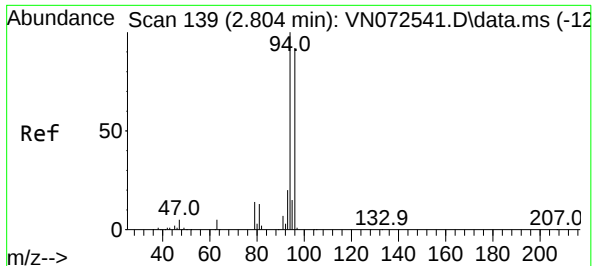
Tgt Ion: 50 Resp: 16573
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5



#4
Vinyl Chloride
Concen: 8.860 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 62 Resp: 14918
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.4

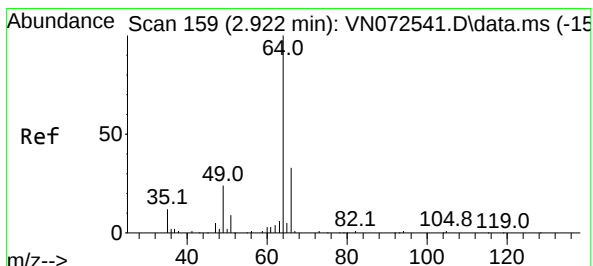
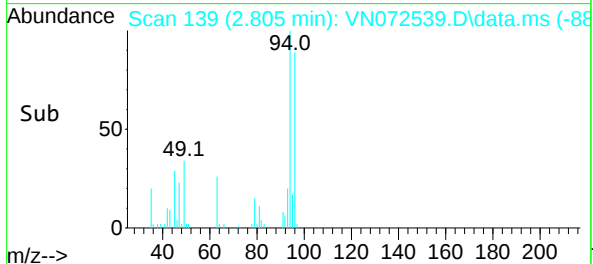
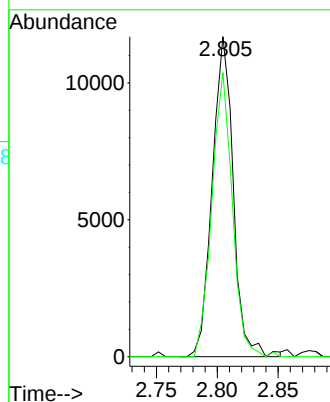
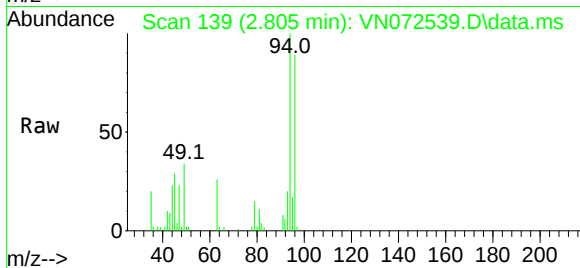




#5
Bromomethane
Concen: 13.084 ug/l
RT: 2.805 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

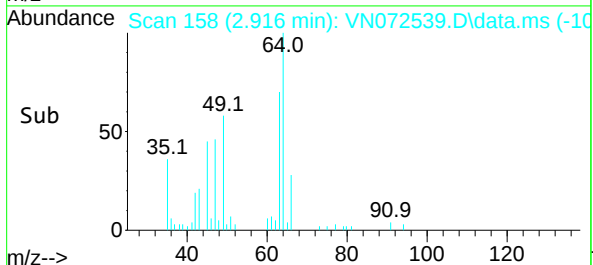
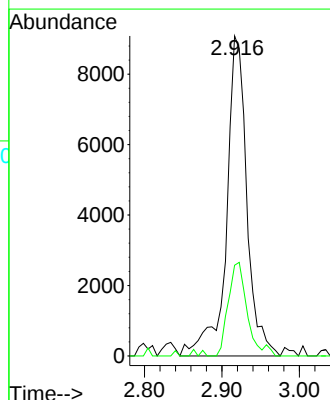
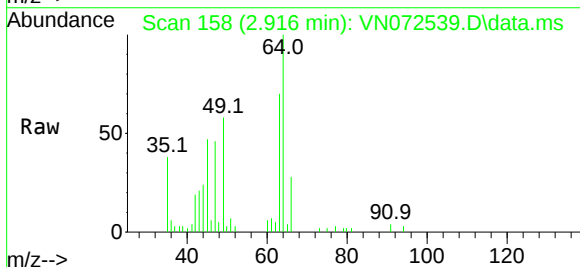
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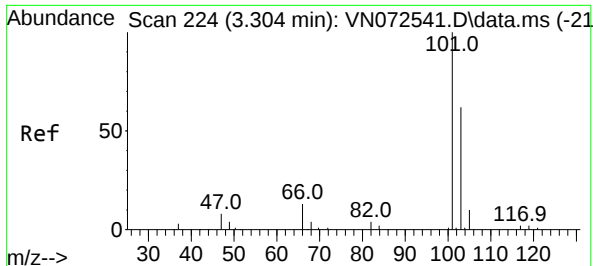
Tgt Ion: 94 Resp: 14016
Ion Ratio Lower Upper
94 100
96 88.8 76.0 114.0



#6
Chloroethane
Concen: 14.564 ug/l
RT: 2.916 min Scan# 158
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 64 Resp: 16668
Ion Ratio Lower Upper
64 100
66 28.3 26.2 39.4

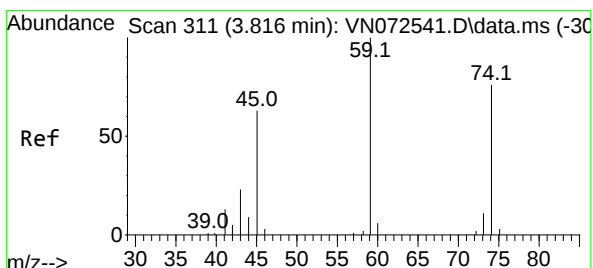
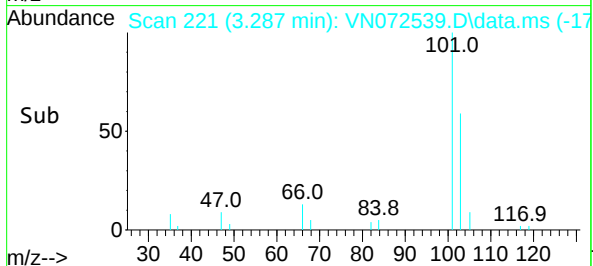
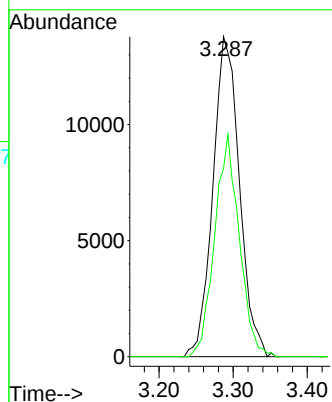
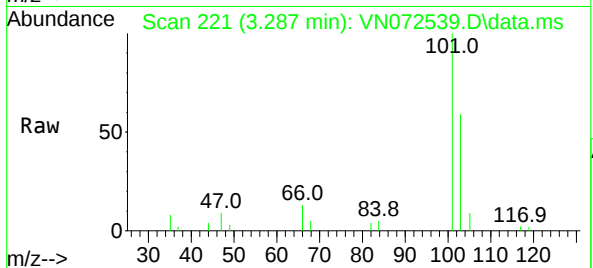




#7
 Trichlorofluoromethane
 Concen: 10.731 ug/l
 RT: 3.287 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

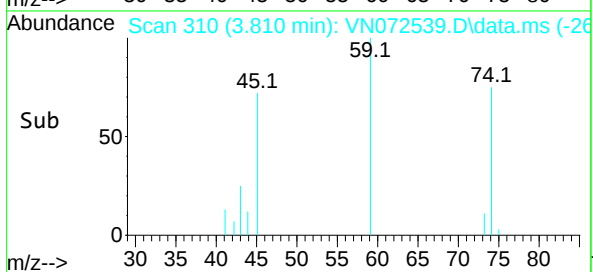
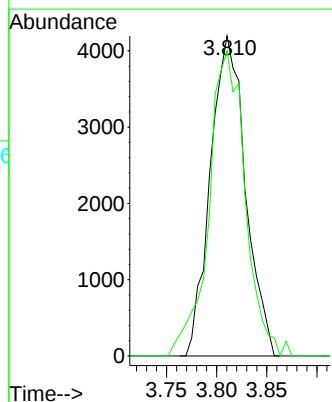
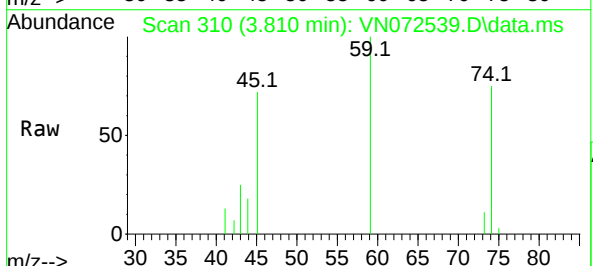
Instrument :
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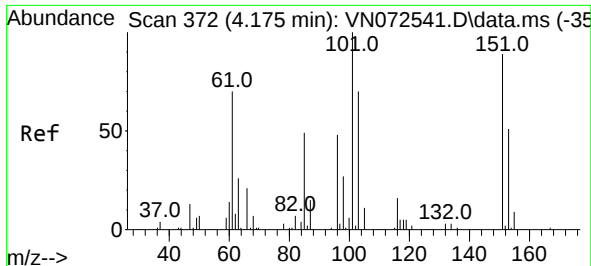
Tgt Ion:101 Resp: 34275
 Ion Ratio Lower Upper
 101 100
 103 58.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 9.065 ug/l
 RT: 3.810 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

Tgt Ion: 74 Resp: 10224
 Ion Ratio Lower Upper
 74 100
 45 98.8 42.9 128.5

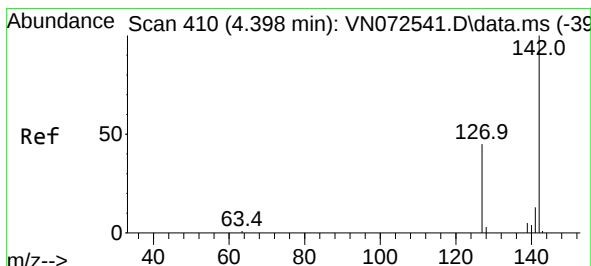
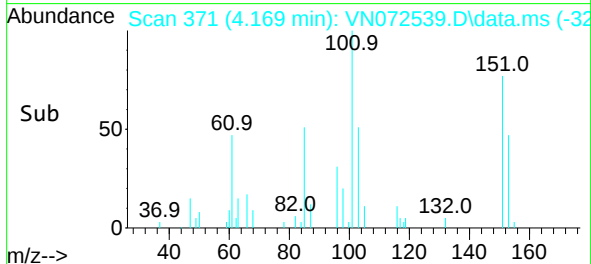
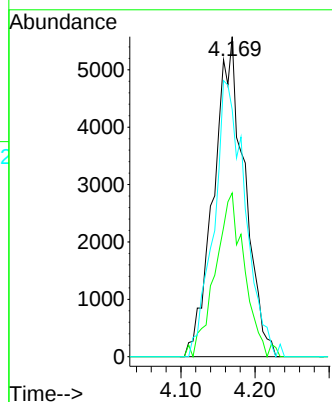
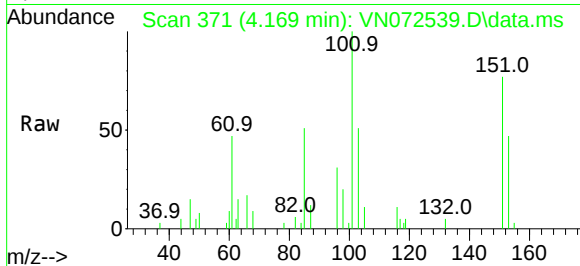




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.340 ug/l
RT: 4.169 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072539.D
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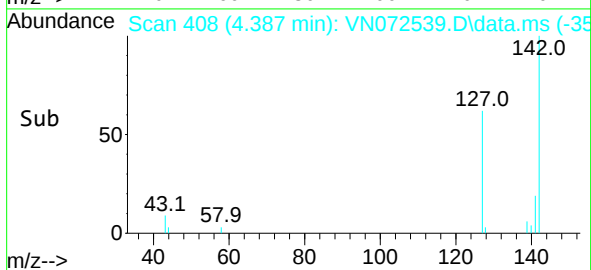
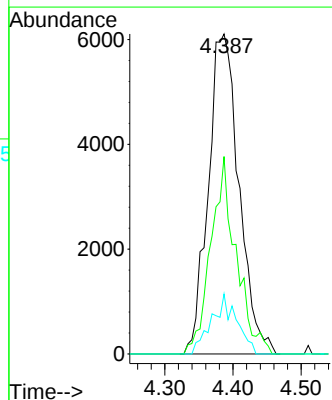
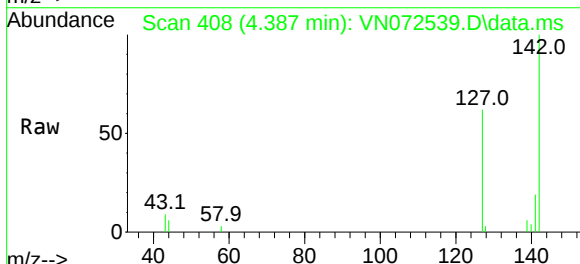
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

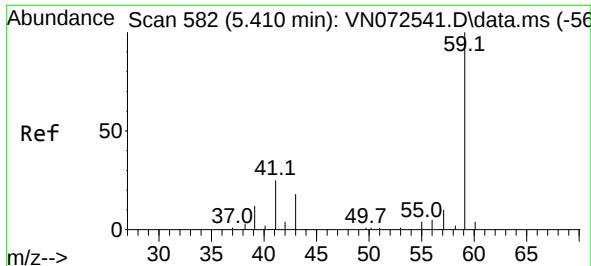
Tgt Ion:101 Resp: 16069
Ion Ratio Lower Upper
101 100
85 48.0 34.7 52.1
151 88.1 63.0 94.4



#10
Methyl Iodide
Concen: 8.447 ug/l
RT: 4.387 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion:142 Resp: 19130
Ion Ratio Lower Upper
142 100
127 51.0 31.3 46.9#
141 15.3 11.2 16.8

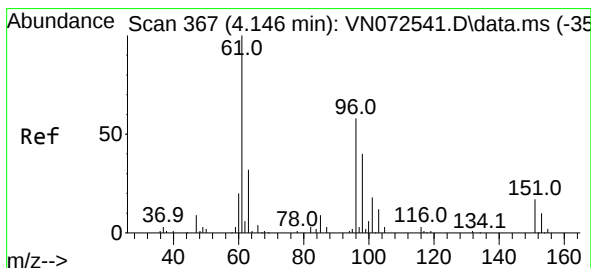
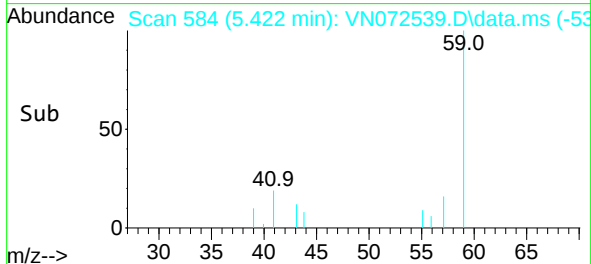
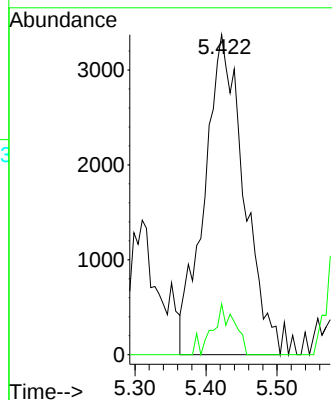
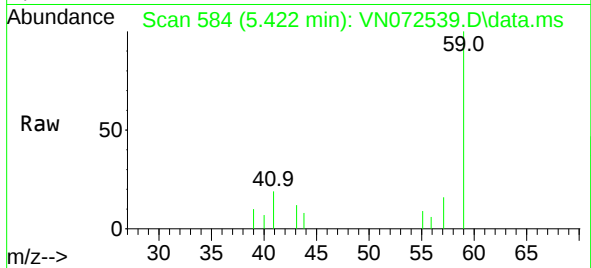




#11
Tert butyl alcohol
Concen: 33.626 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

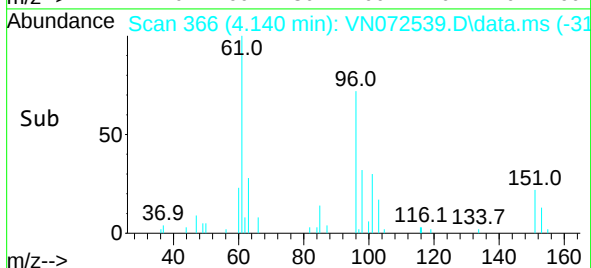
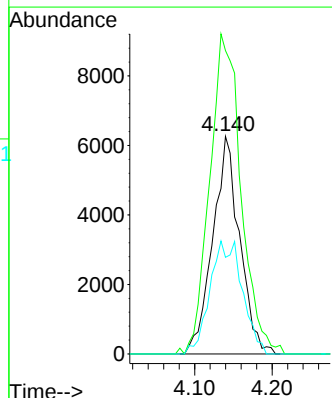
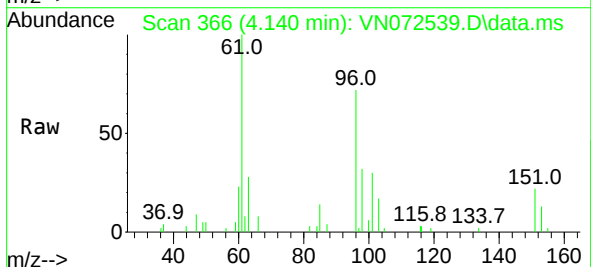
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

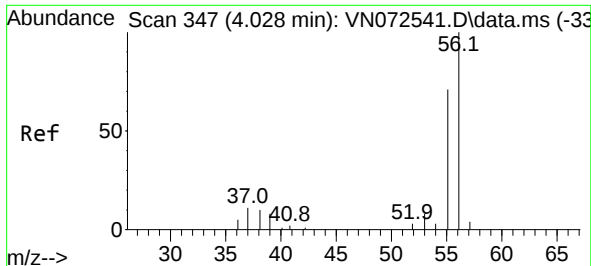
Tgt Ion: 59 Resp: 13022
Ion Ratio Lower Upper
59 100
57 8.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 9.390 ug/l
RT: 4.140 min Scan# 366
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 96 Resp: 15105
Ion Ratio Lower Upper
96 100
61 136.7 127.6 191.4
98 44.4 51.2 76.8#

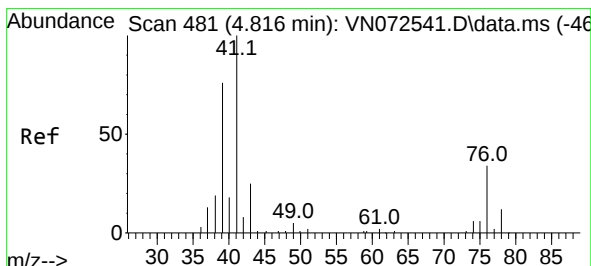
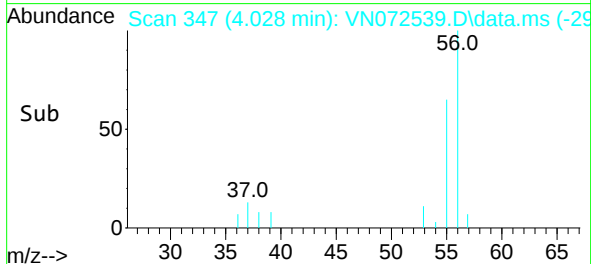
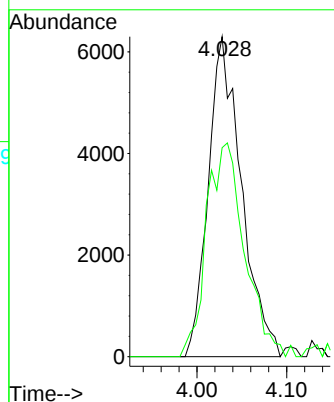
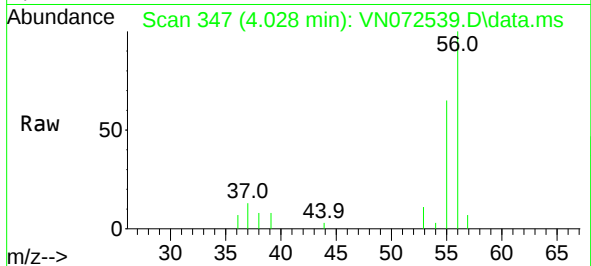




#13
Acrolein
Concen: 41.771 ug/l
RT: 4.028 min Scan# 347
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

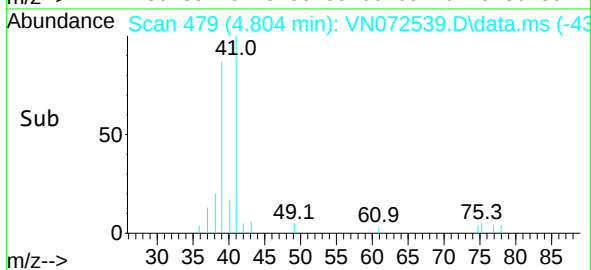
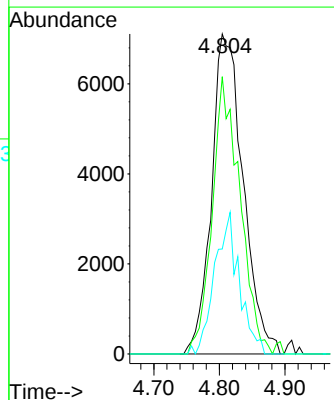
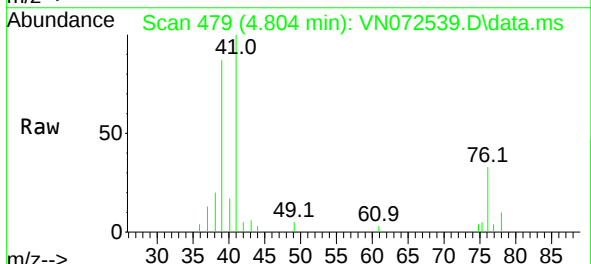
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

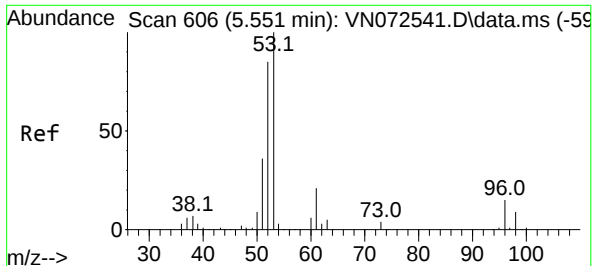
Tgt Ion: 56 Resp: 16153
Ion Ratio Lower Upper
56 100
55 77.1 54.8 82.2



#14
Allyl chloride
Concen: 7.924 ug/l
RT: 4.804 min Scan# 479
Delta R.T. -0.012 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 41 Resp: 23758
Ion Ratio Lower Upper
41 100
39 76.1 53.2 79.8
76 34.4 29.9 44.9

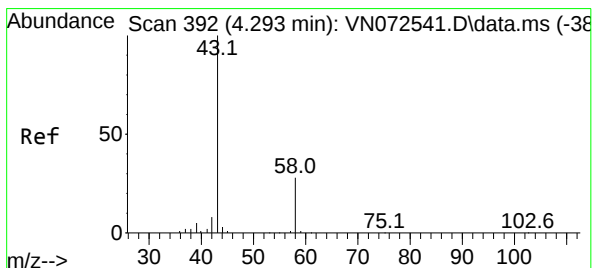
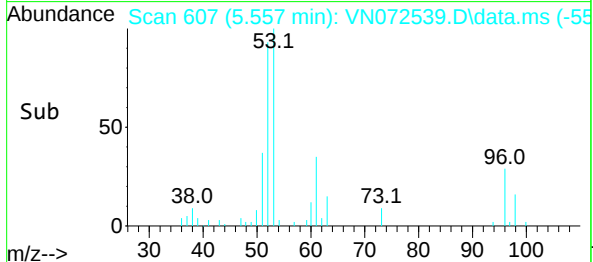
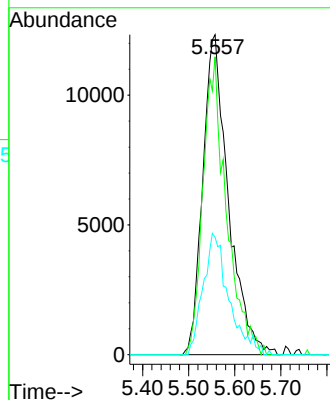
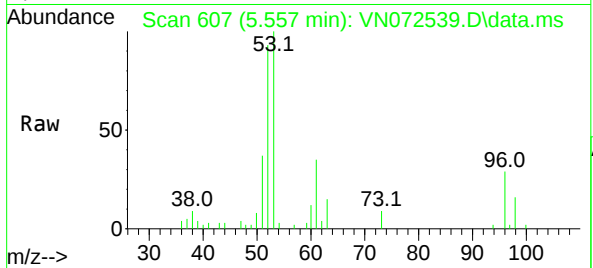




#15
Acrylonitrile
Concen: 43.487 ug/l
RT: 5.557 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

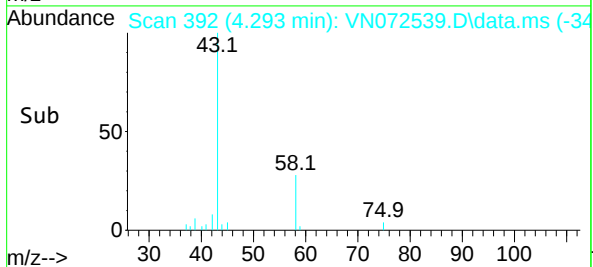
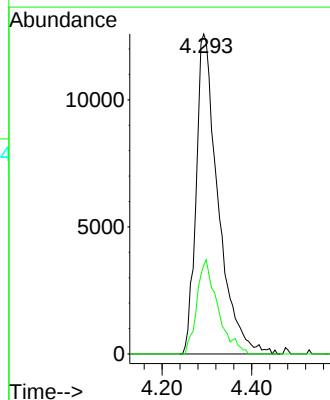
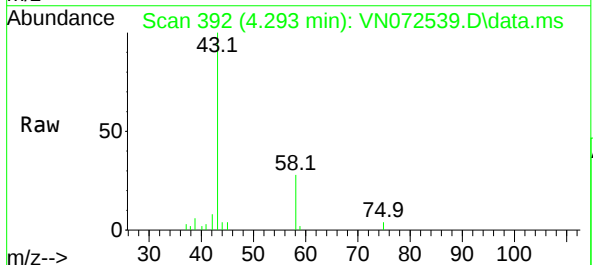
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

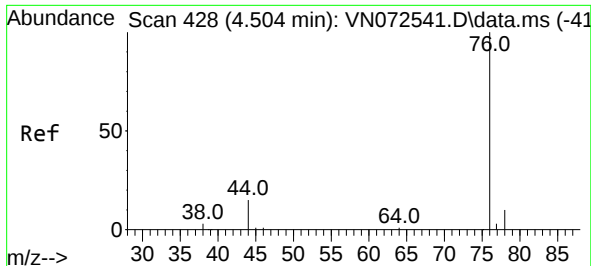
Tgt Ion: 53 Resp: 47726
Ion Ratio Lower Upper
53 100
52 84.9 66.4 99.6
51 37.8 28.5 42.7



#16
Acetone
Concen: 44.340 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 43 Resp: 42740
Ion Ratio Lower Upper
43 100
58 27.8 26.0 39.0

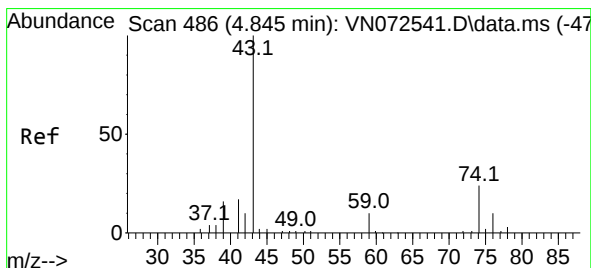
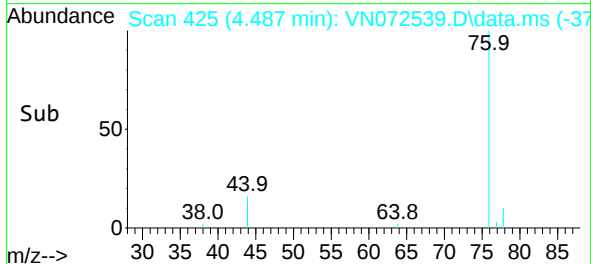
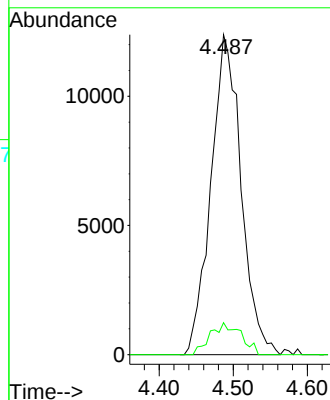
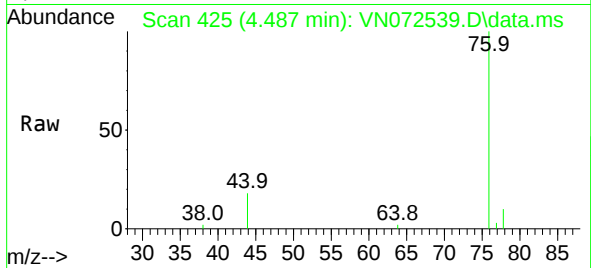




#17
Carbon Disulfide
Concen: 8.357 ug/l
RT: 4.487 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

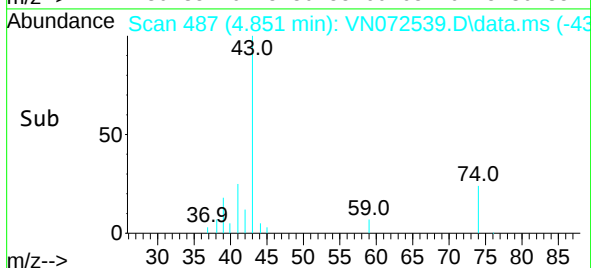
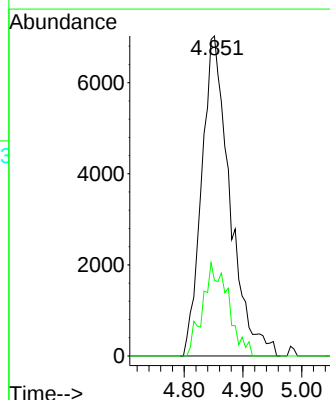
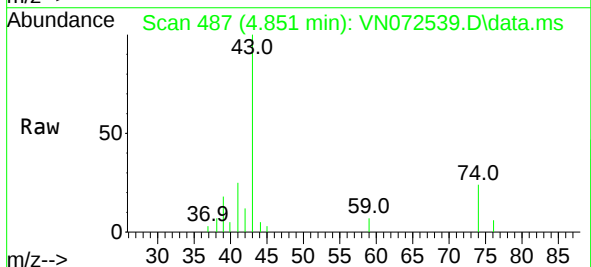
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

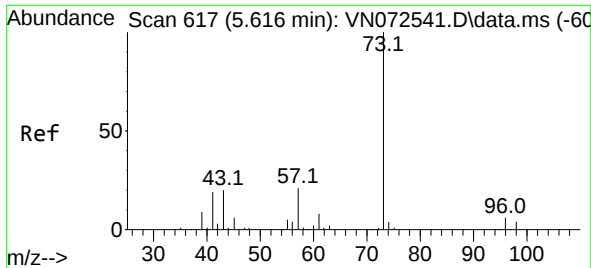
Tgt Ion: 76 Resp: 34919
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 8.211 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 43 Resp: 23388
Ion Ratio Lower Upper
43 100
74 26.5 21.6 32.4

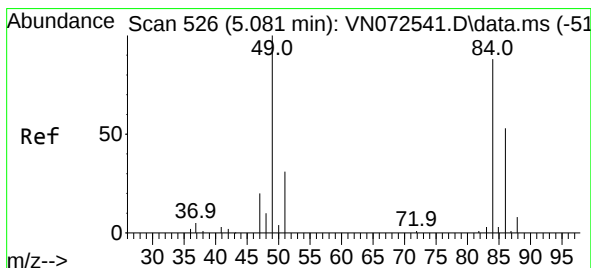
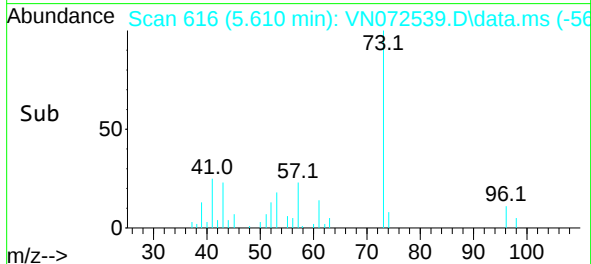
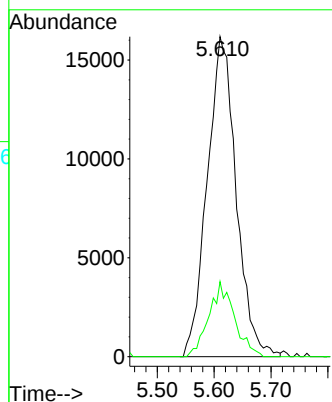
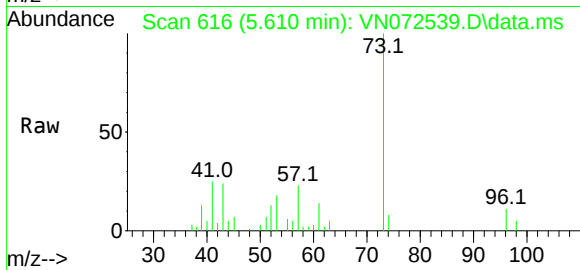




#19
Methyl tert-butyl Ether
Concen: 9.646 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

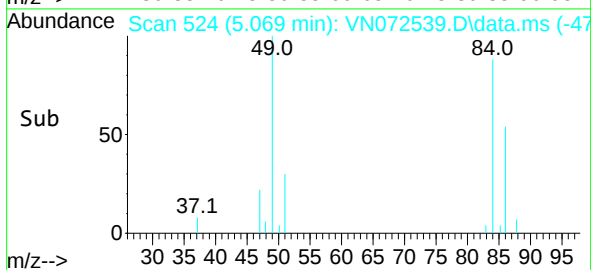
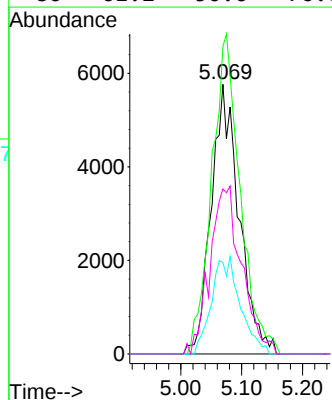
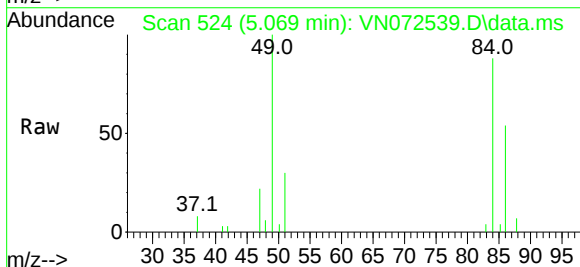
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

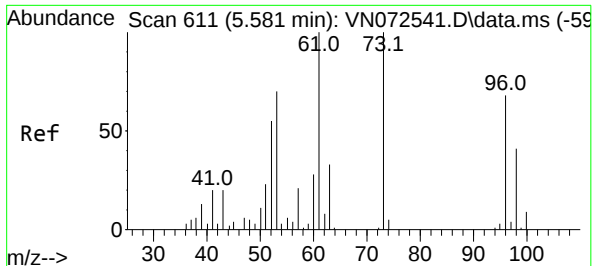
Tgt Ion: 73 Resp: 57291
Ion Ratio Lower Upper
73 100
57 23.5 17.6 26.4



#20
Methylene Chloride
Concen: 9.046 ug/l
RT: 5.069 min Scan# 524
Delta R.T. -0.012 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 84 Resp: 18361
Ion Ratio Lower Upper
84 100
49 114.0 88.3 132.5
51 33.9 28.2 42.2
86 61.2 50.6 76.0

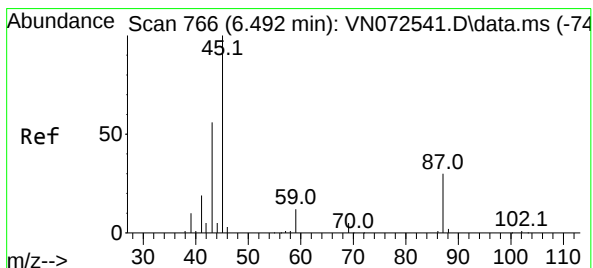
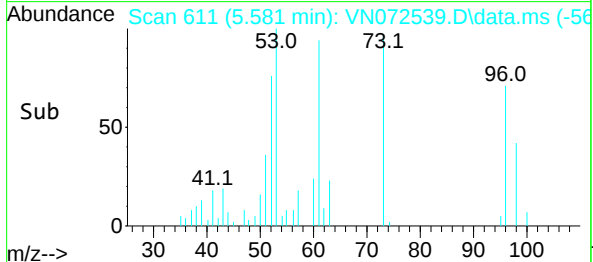
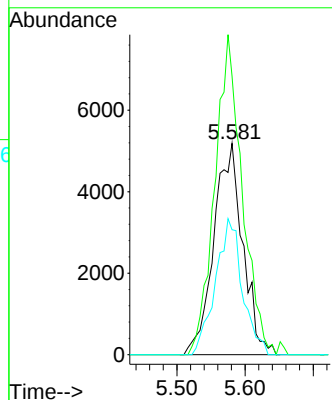
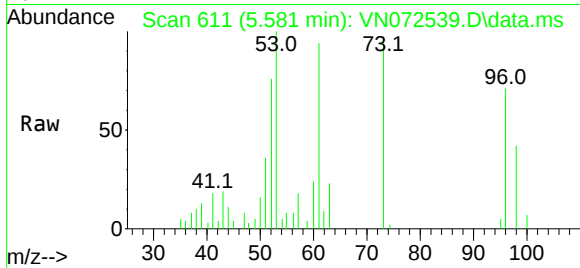




#21
trans-1,2-Dichloroethene
Concen: 8.901 ug/l
RT: 5.581 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

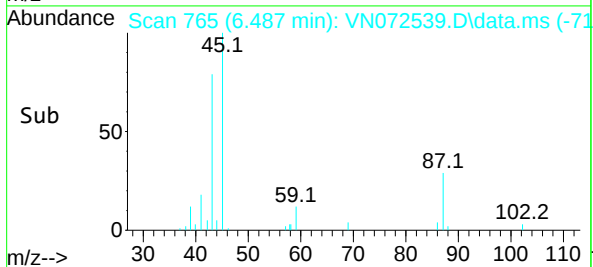
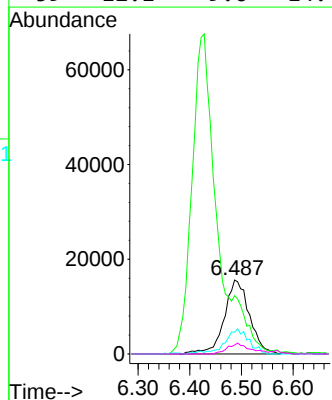
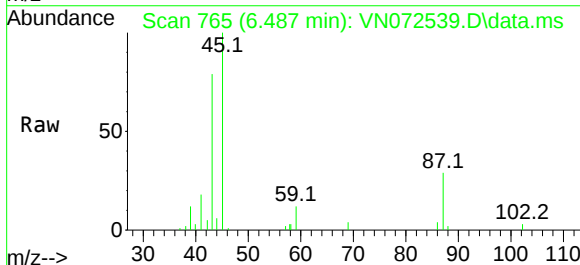
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

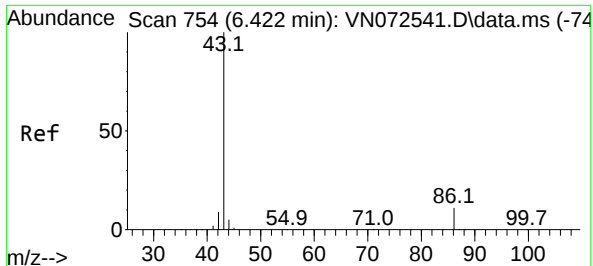
Tgt Ion: 96 Resp: 15290
Ion Ratio Lower Upper
96 100
61 131.8 105.8 158.8
98 59.1 50.3 75.5



#22
Diisopropyl ether
Concen: 8.536 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 45 Resp: 52518
Ion Ratio Lower Upper
45 100
43 76.3 46.6 70.0#
87 29.4 24.3 36.5
59 12.1 9.6 14.4

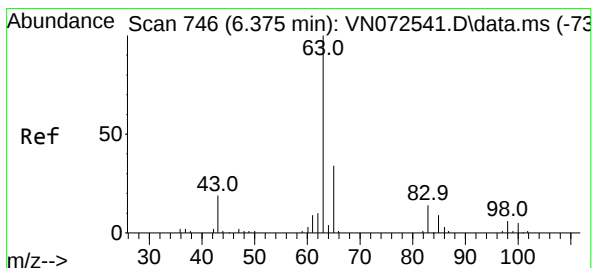
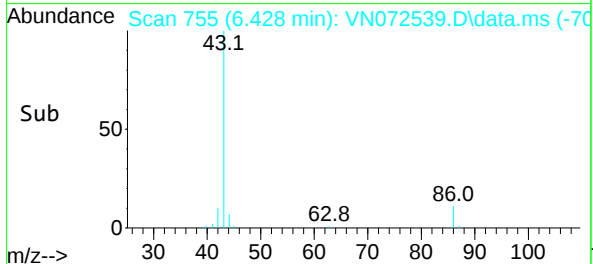
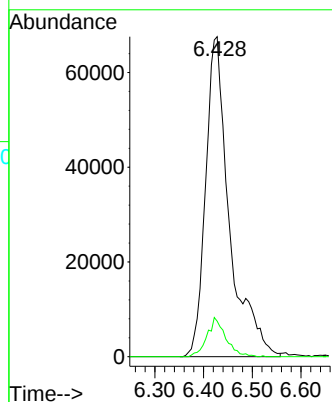
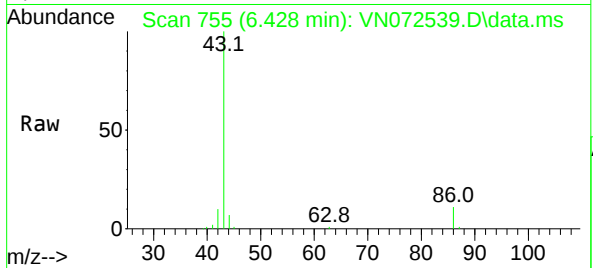




#23
 Vinyl Acetate
 Concen: 44.506 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

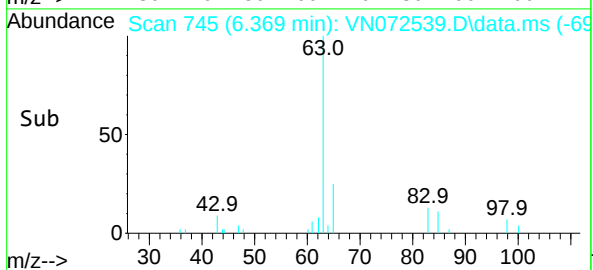
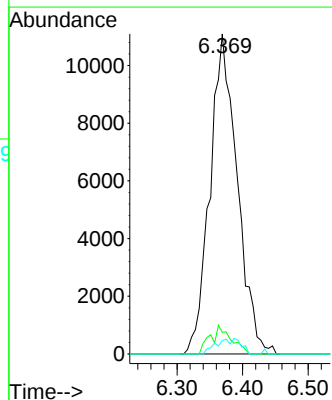
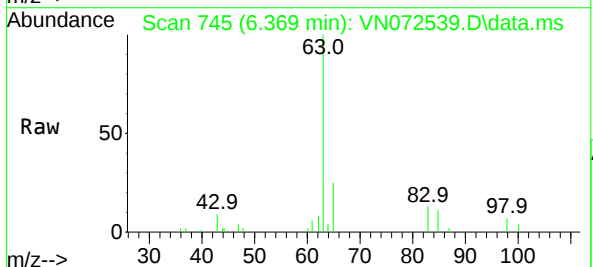
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

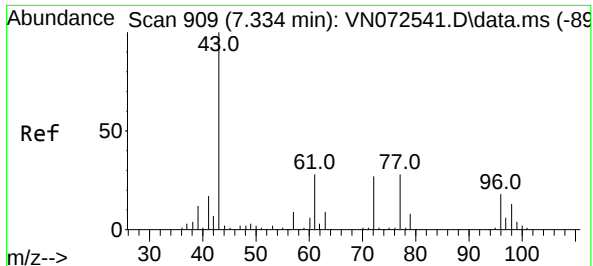
Tgt Ion: 43 Resp: 229151
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 9.201 ug/l
 RT: 6.369 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

Tgt Ion: 63 Resp: 32091
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.2 2.3 6.8

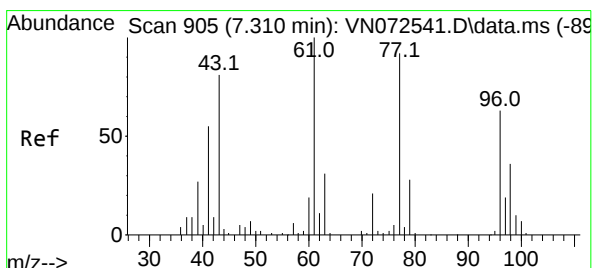
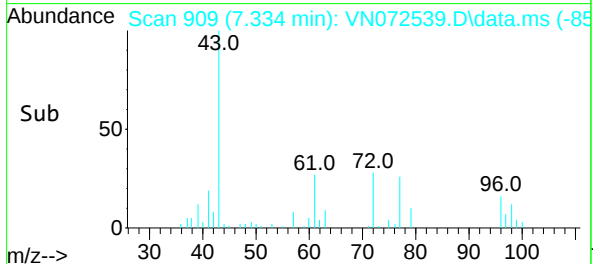
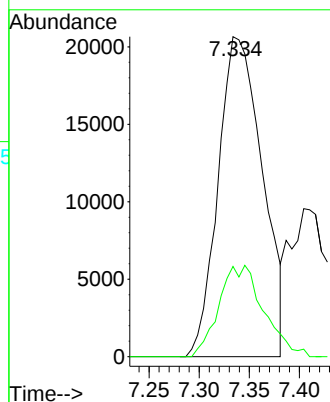
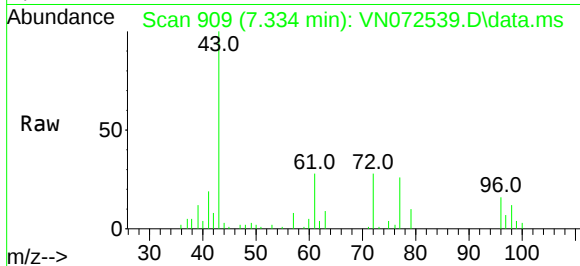




#25
2-Butanone
Concen: 41.411 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

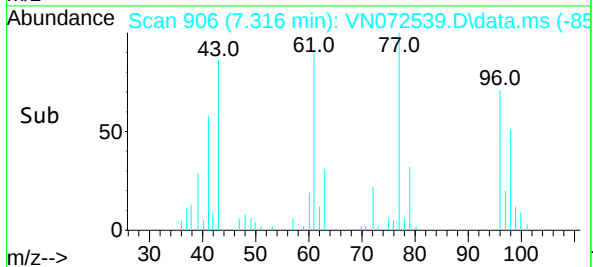
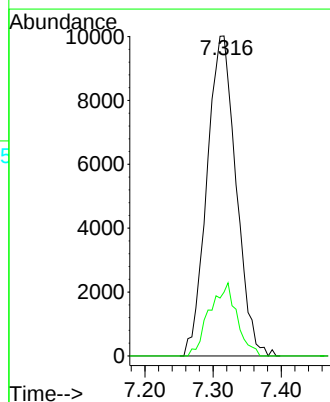
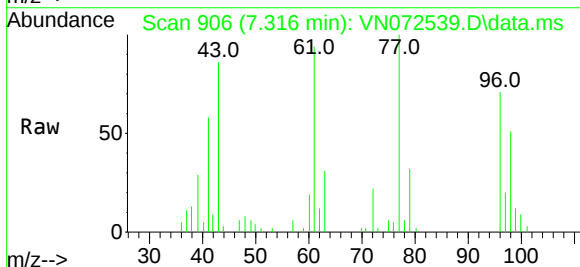
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

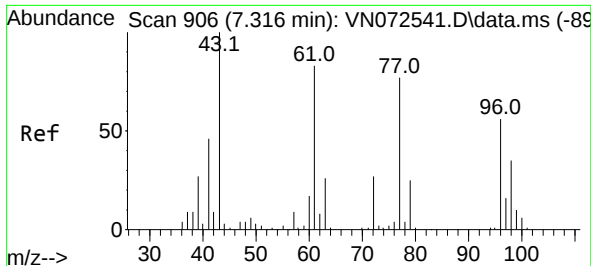
Tgt Ion: 43 Resp: 63419
Ion Ratio Lower Upper
43 100
72 28.2 23.7 35.5



#26
2,2-Dichloropropane
Concen: 10.051 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 77 Resp: 29791
Ion Ratio Lower Upper
77 100
97 21.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 9.424 ug/l

RT: 7.310 min Scan# 905

Delta R.T. -0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

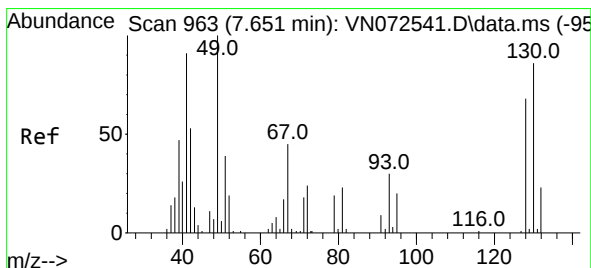
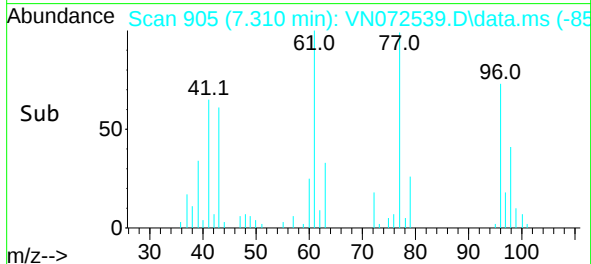
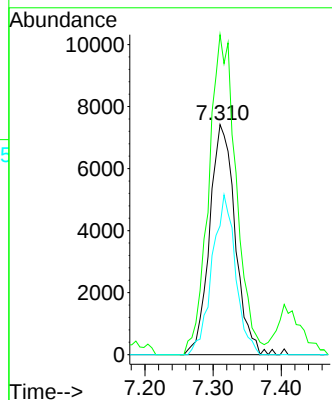
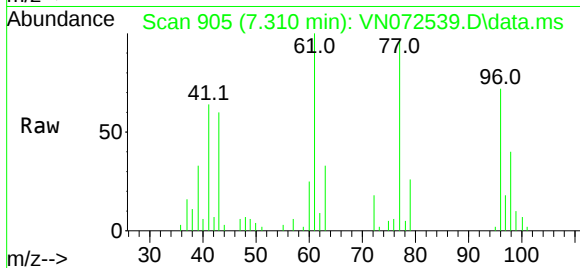
Tgt Ion: 96 Resp: 19329

Ion Ratio Lower Upper

96 100

61 150.1 0.0 280.6

98 63.9 0.0 128.4



#28

Bromochloromethane

Concen: 9.408 ug/l

RT: 7.645 min Scan# 962

Delta R.T. -0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

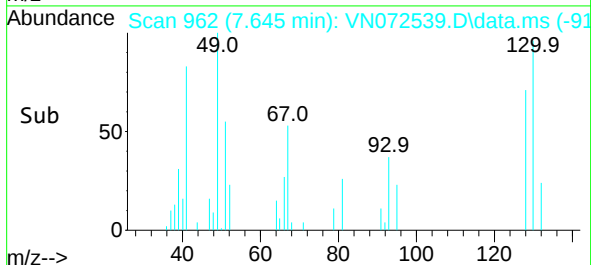
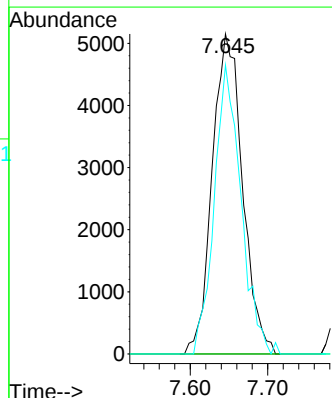
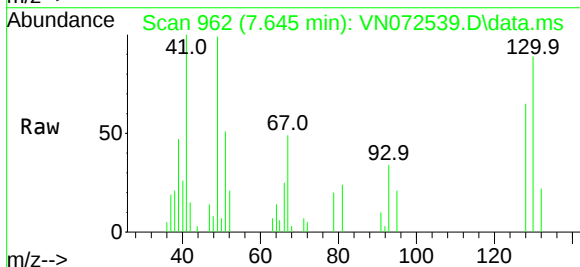
Tgt Ion: 49 Resp: 13971

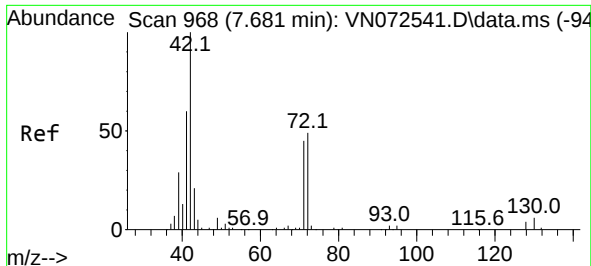
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 79.4 69.7 104.5





#29

Tetrahydrofuran

Concen: 38.890 ug/l

RT: 7.687 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

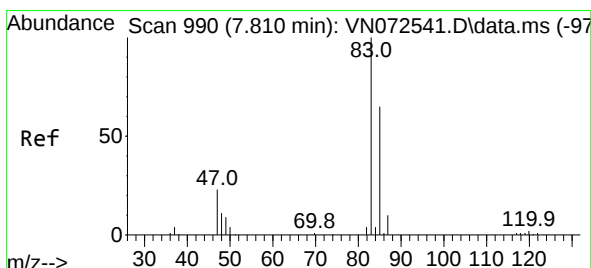
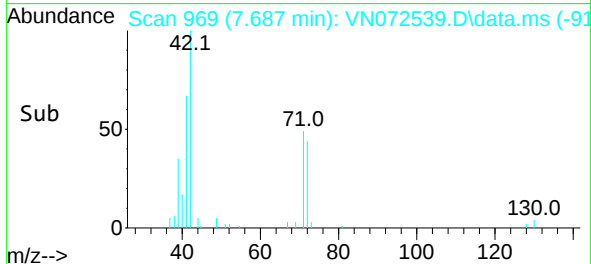
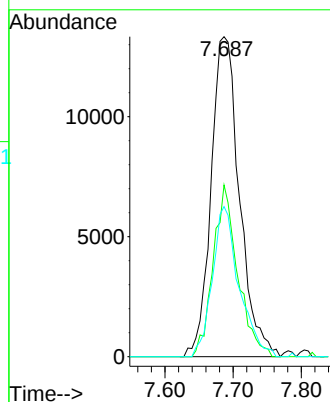
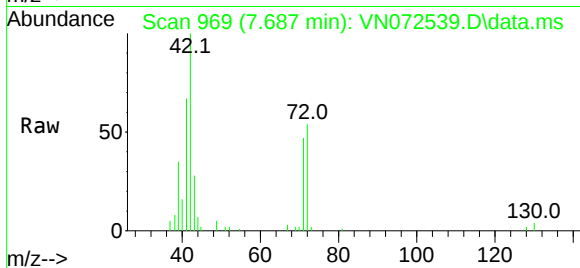
Tgt Ion: 42 Resp: 38648

Ion Ratio Lower Upper

42 100

72 46.4 39.7 59.5

71 44.0 36.6 55.0



#30

Chloroform

Concen: 10.240 ug/l

RT: 7.804 min Scan# 989

Delta R.T. -0.006 min

Lab File: VN072539.D

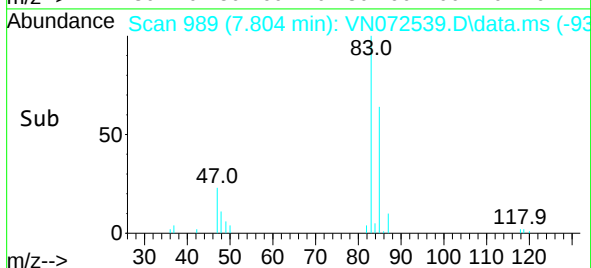
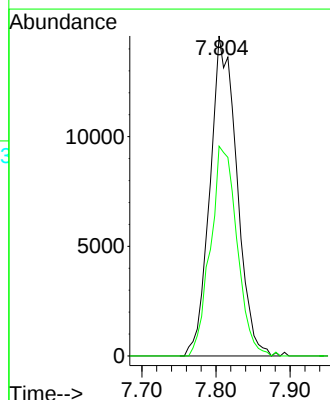
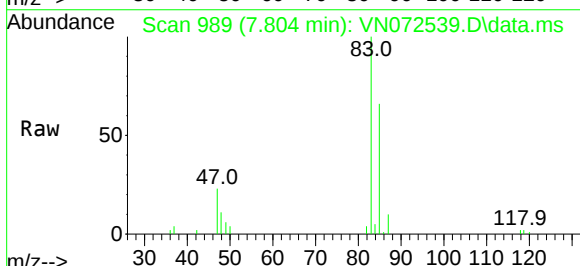
Acq: 18 May 2022 13:54

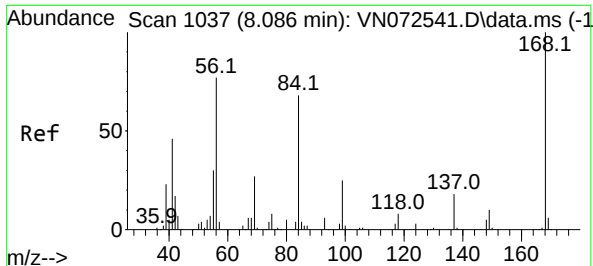
Tgt Ion: 83 Resp: 36765

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.8

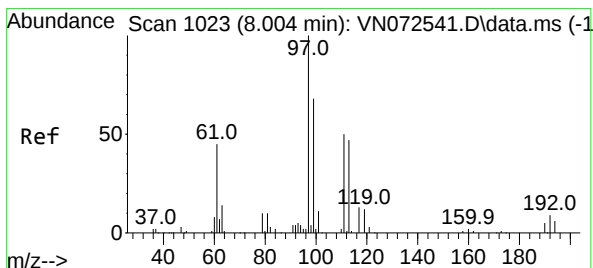
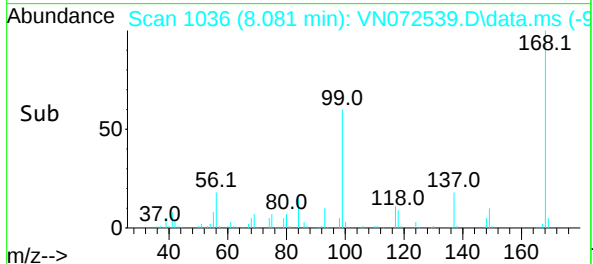
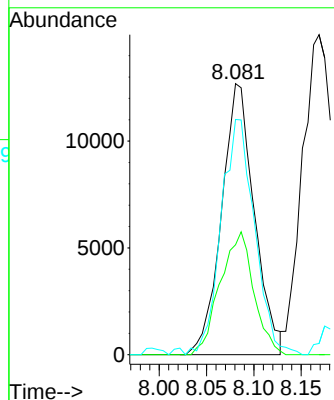
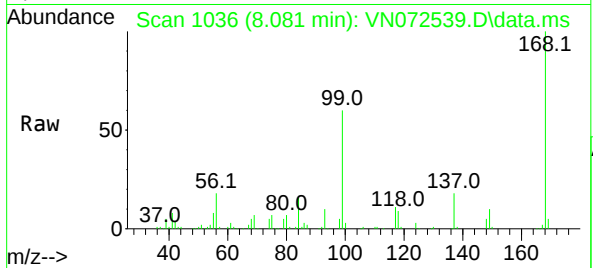




#31
Cyclohexane
Concen: 9.315 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

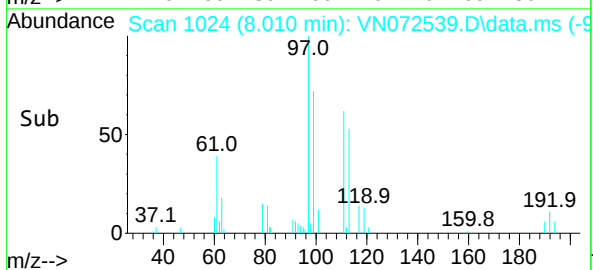
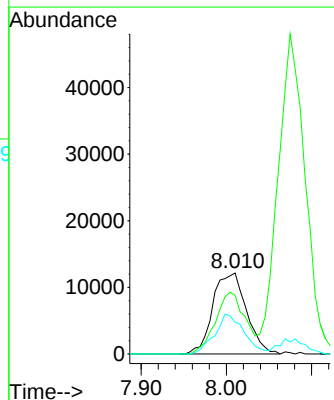
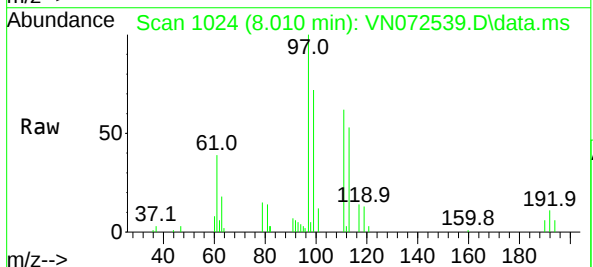
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

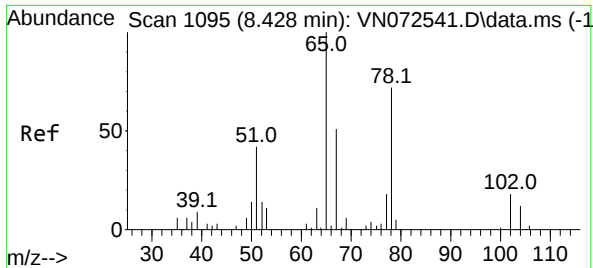
Tgt Ion: 56 Resp: 30520
Ion Ratio Lower Upper
56 100
69 40.6 27.8 41.8
84 84.3 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 10.028 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 97 Resp: 33212
Ion Ratio Lower Upper
97 100
99 67.3 50.6 76.0
61 42.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 10.857 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

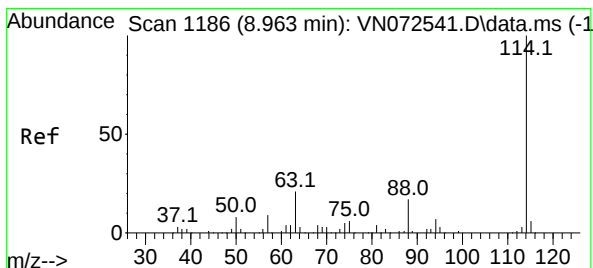
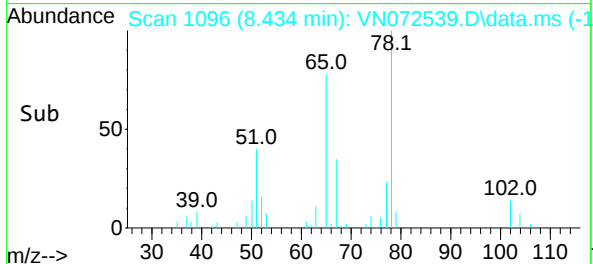
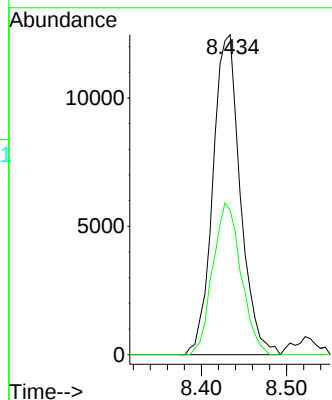
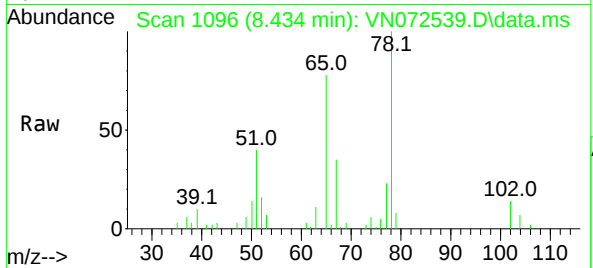
VSTDIC010

Tgt Ion: 65 Resp: 27920

Ion Ratio Lower Upper

65 100

67 48.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

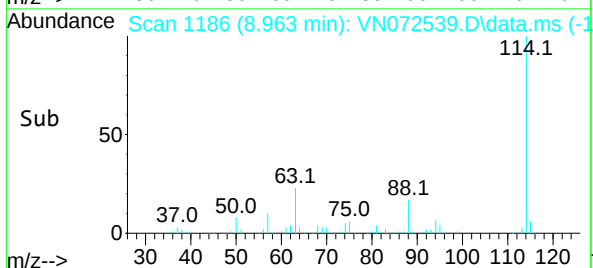
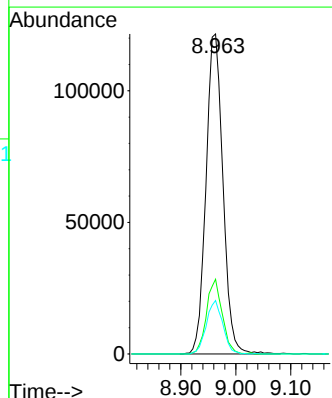
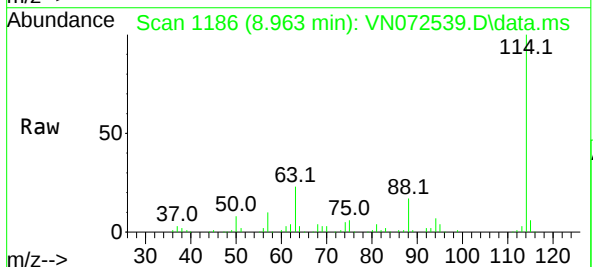
Tgt Ion: 114 Resp: 260333

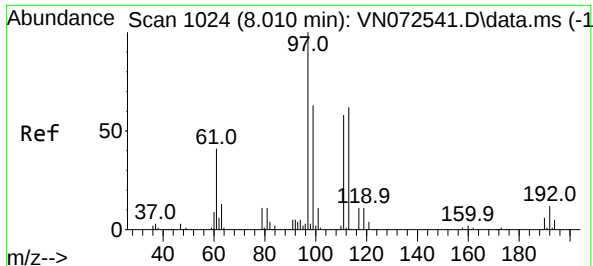
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 16.7 0.0 32.6

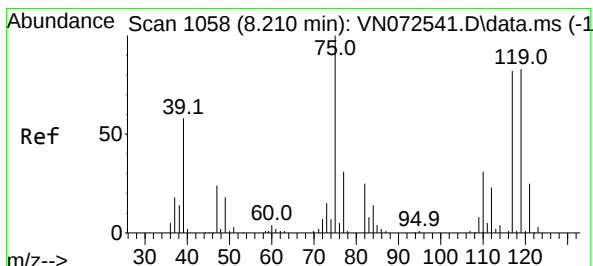
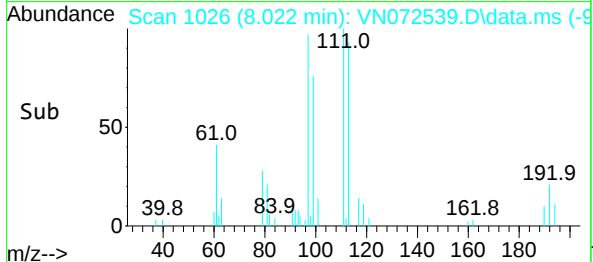
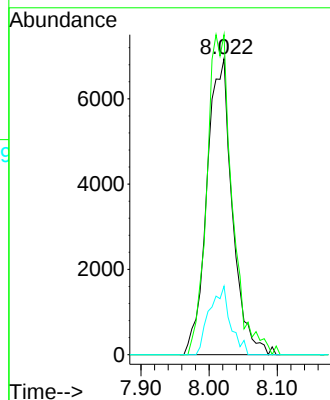
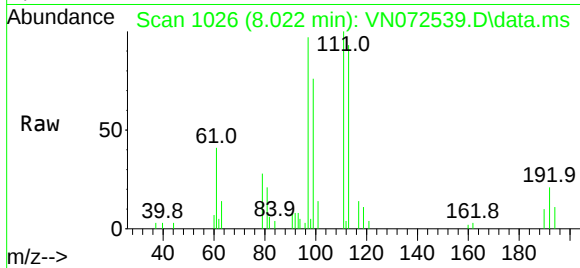




#35
Dibromofluoromethane
Concen: 10.379 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.012 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

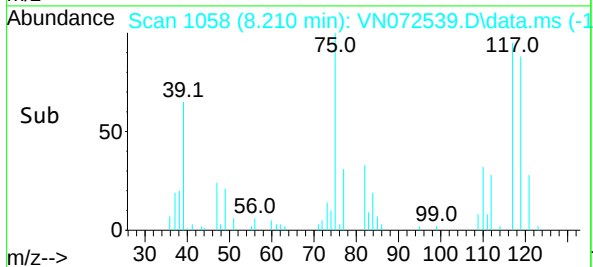
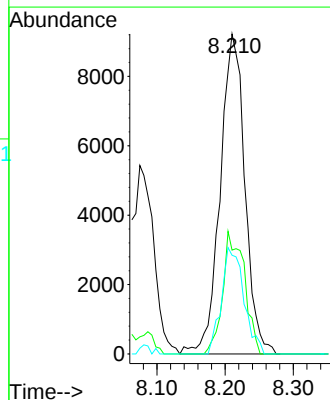
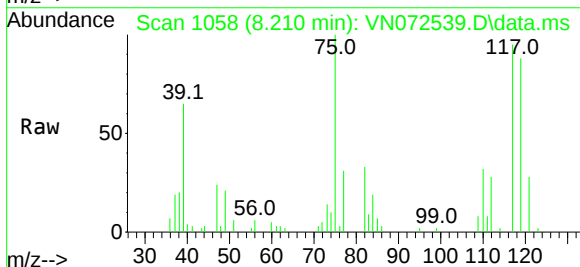
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

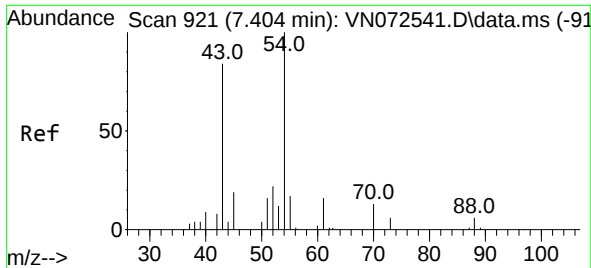
Tgt Ion:113 Resp: 18061
Ion Ratio Lower Upper
113 100
111 107.9 81.4 122.0
192 19.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 9.551 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 75 Resp: 23283
Ion Ratio Lower Upper
75 100
110 33.4 18.3 54.8
77 30.0 25.1 37.7

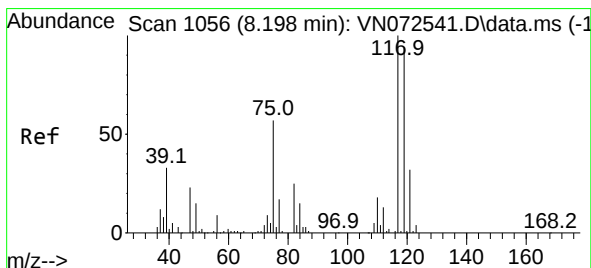
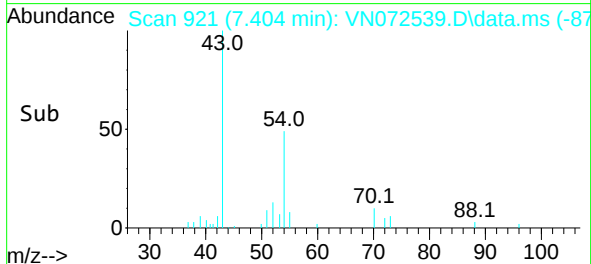
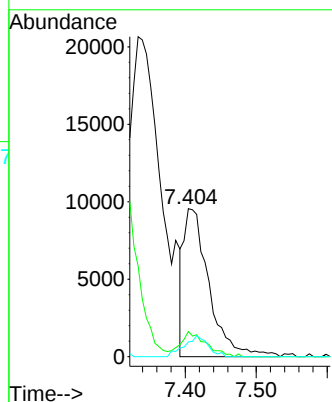
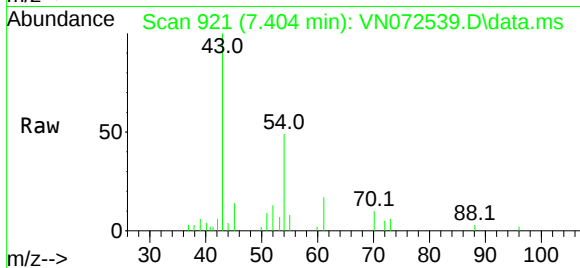




#37
Ethyl Acetate
Concen: 8.198 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

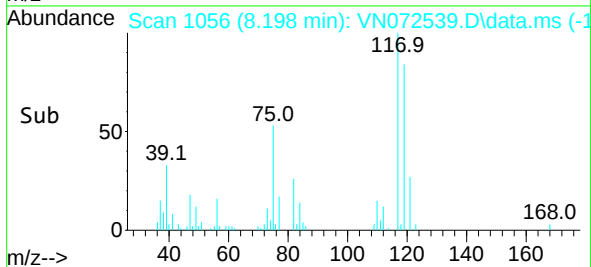
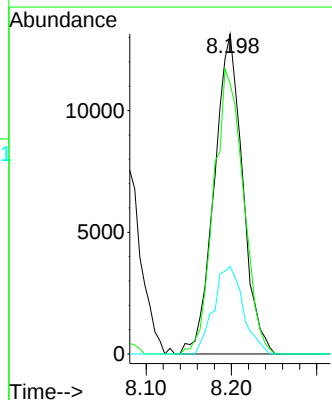
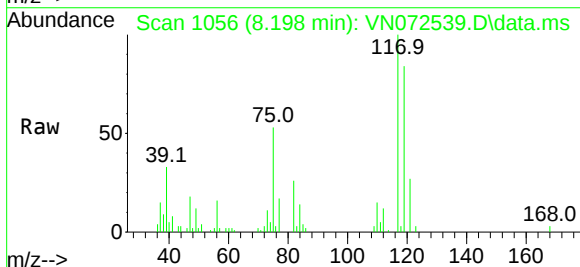
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

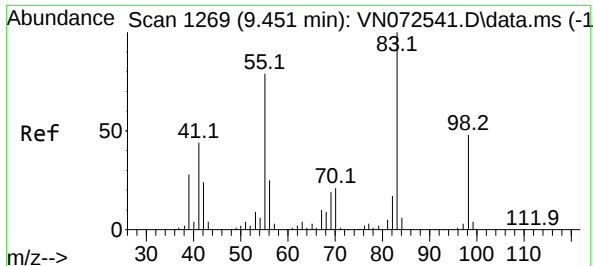
Tgt Ion: 43	Resp:	23452
Ion	Ratio	Lower Upper
43	100	
61	17.1	11.8 17.6
70	13.1	9.3 13.9



#38
Carbon Tetrachloride
Concen: 11.024 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 117	Resp:	30346
Ion	Ratio	Lower Upper
117	100	
119	84.5	75.8 113.8
121	27.3	24.6 37.0





#39

Methylcyclohexane

Concen: 10.133 ug/l

RT: 9.451 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

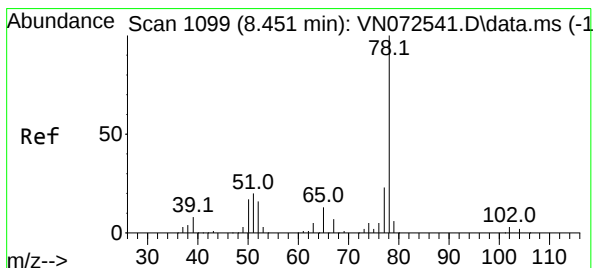
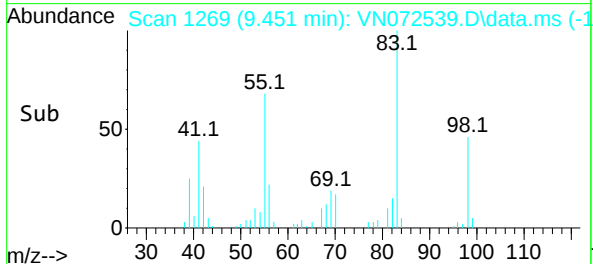
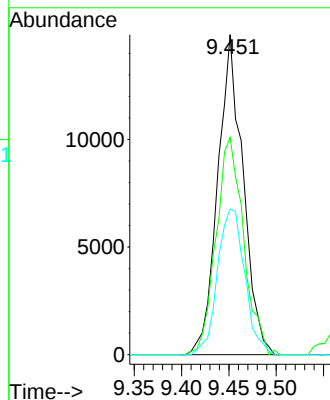
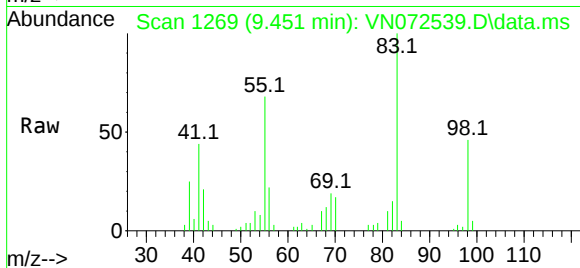
Tgt Ion: 83 Resp: 27581

Ion Ratio Lower Upper

83 100

55 67.9 57.8 86.8

98 45.6 39.4 59.2



#40

Benzene

Concen: 9.773 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VN072539.D

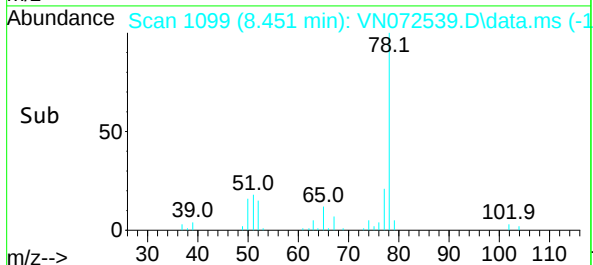
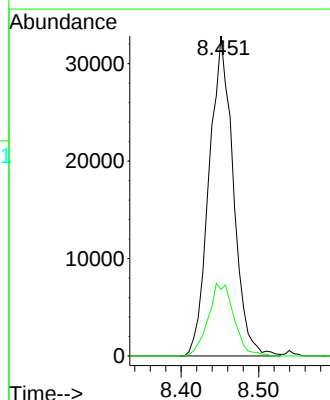
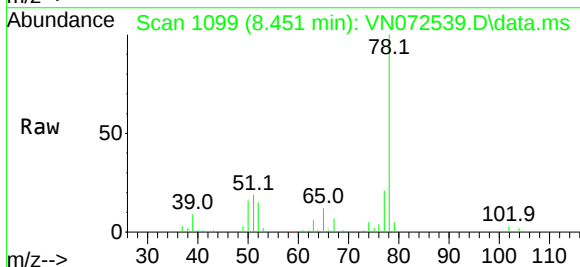
Acq: 18 May 2022 13:54

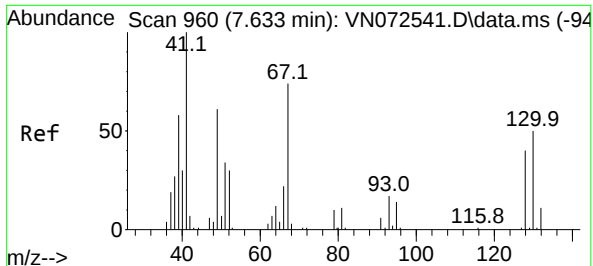
Tgt Ion: 78 Resp: 71095

Ion Ratio Lower Upper

78 100

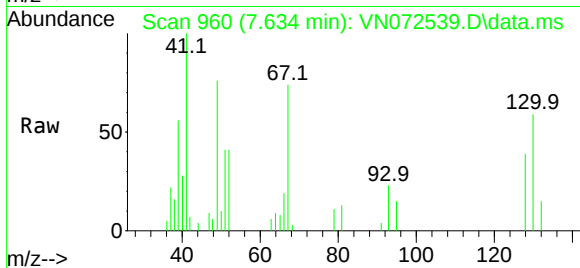
77 20.9 19.4 29.0



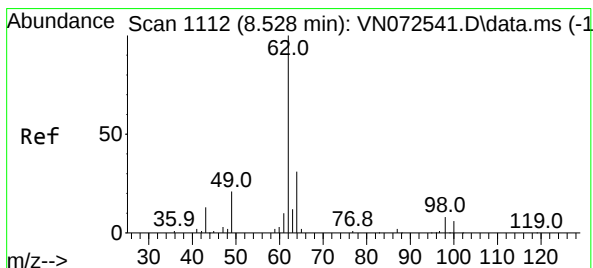
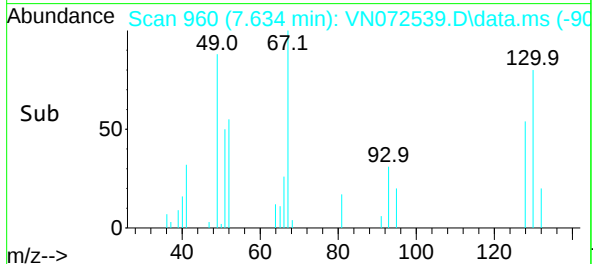
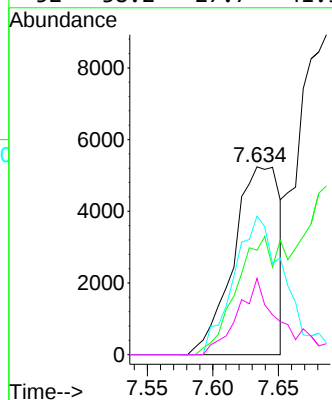


#41
Methacrylonitrile
Concen: 8.845 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

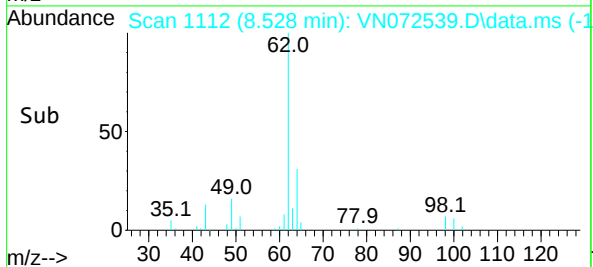
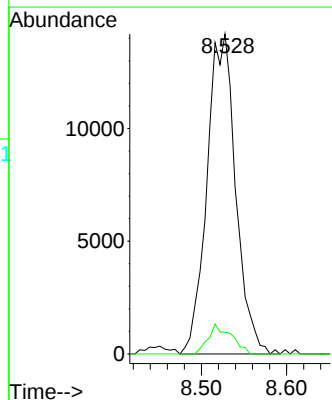
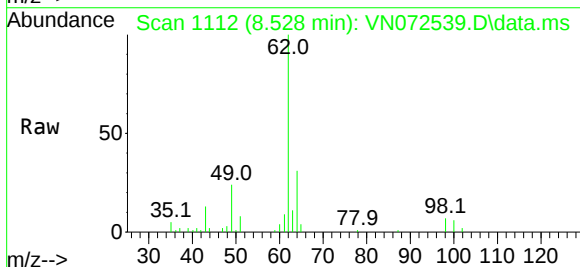


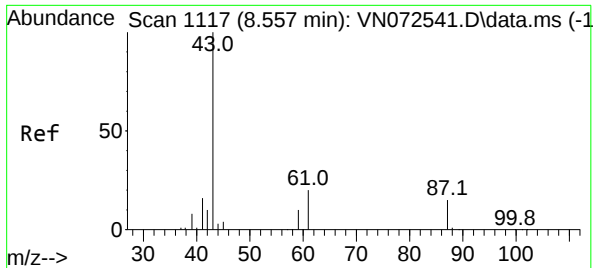
Tgt Ion:	41	Resp:	12785
Ion	Ratio	Lower	Upper
41	100		
39	49.4	48.6	73.0
67	82.3	73.4	110.2
52	38.2	27.7	41.5



#42
1,2-Dichloroethane
Concen: 11.216 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion:	62	Resp:	33269
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	19.4

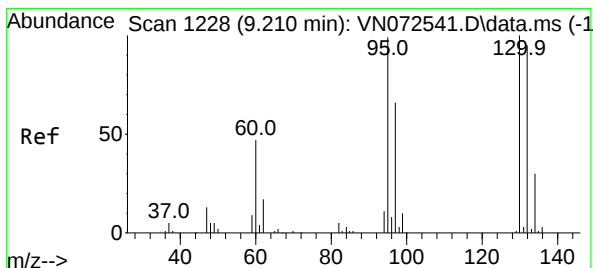
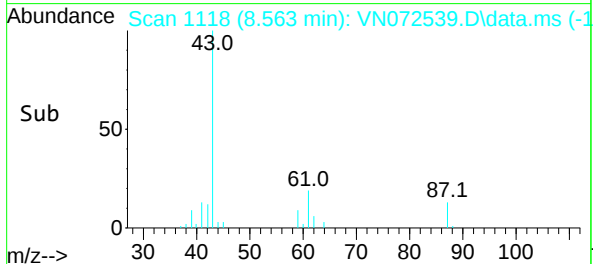
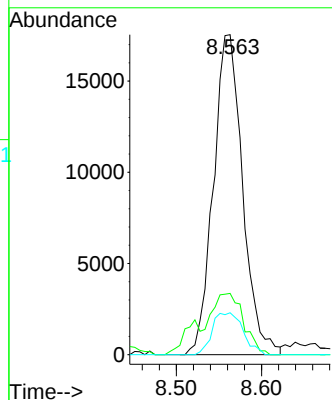
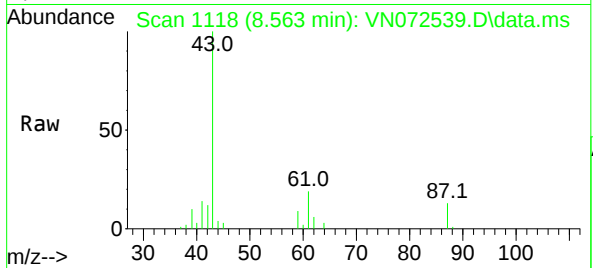




#43
Isopropyl Acetate
Concen: 9.349 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

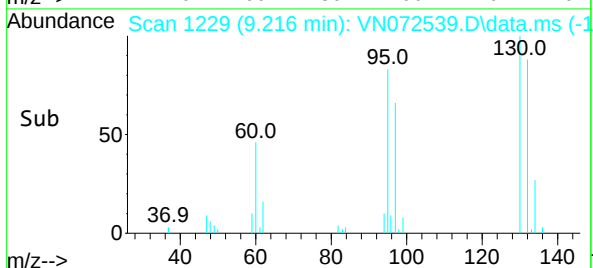
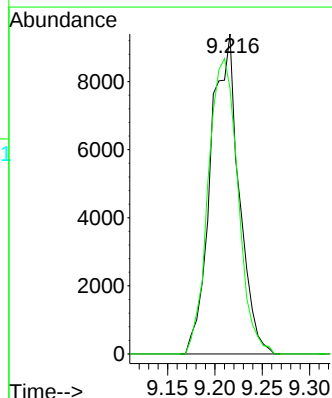
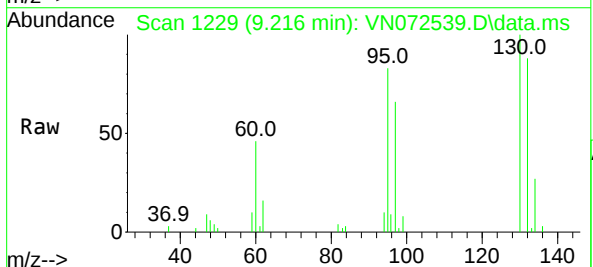
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

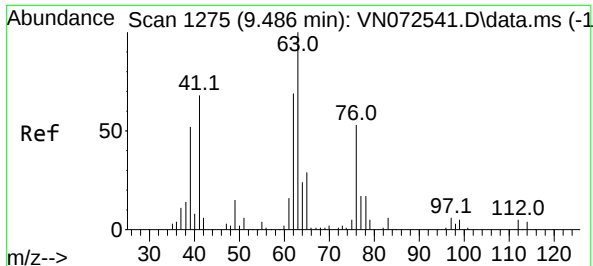
Tgt Ion: 43 Resp: 41877
Ion Ratio Lower Upper
43 100
61 21.5 21.9 32.9#
87 13.8 12.0 18.0



#44
Trichloroethene
Concen: 10.546 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion:130 Resp: 19532
Ion Ratio Lower Upper
130 100
95 83.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 9.840 ug/l

RT: 9.481 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

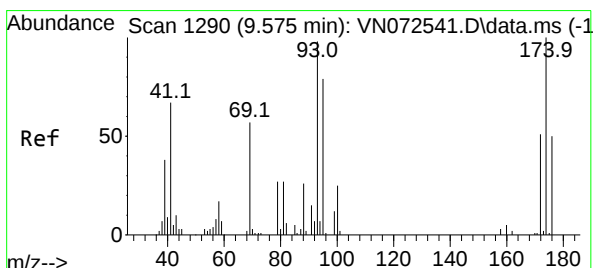
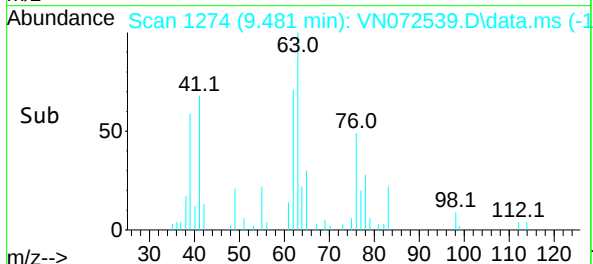
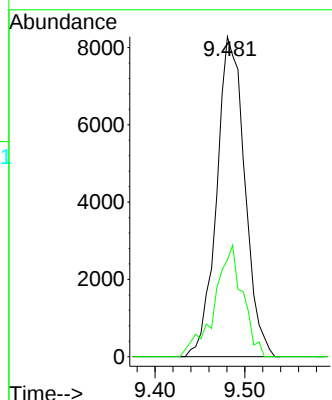
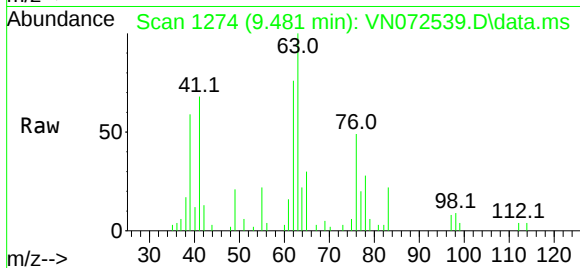
VSTDIC010

Tgt Ion: 63 Resp: 17980

Ion Ratio Lower Upper

63 100

65 30.2 24.9 37.3



#46

Dibromomethane

Concen: 10.256 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

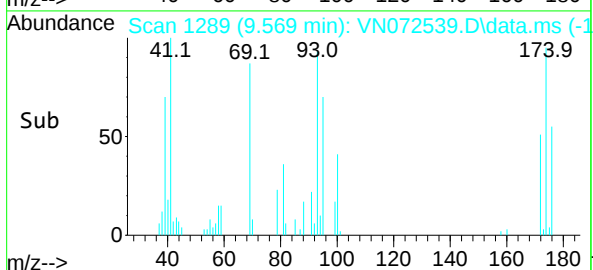
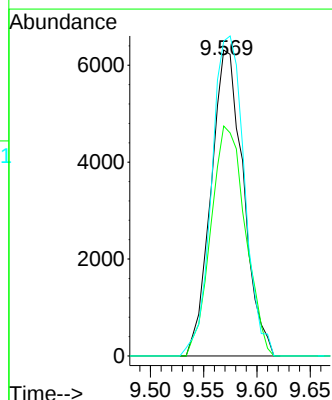
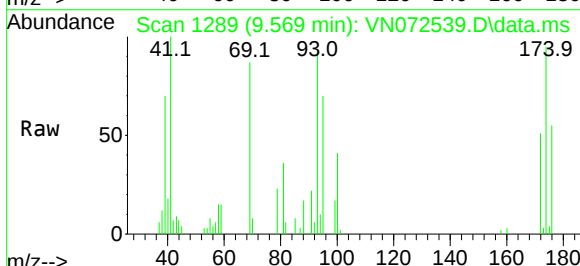
Tgt Ion: 93 Resp: 13284

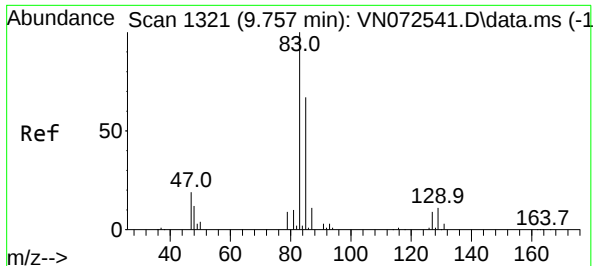
Ion Ratio Lower Upper

93 100

95 79.9 66.9 100.3

174 105.7 86.6 130.0

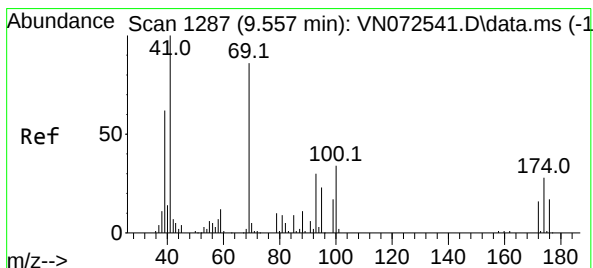
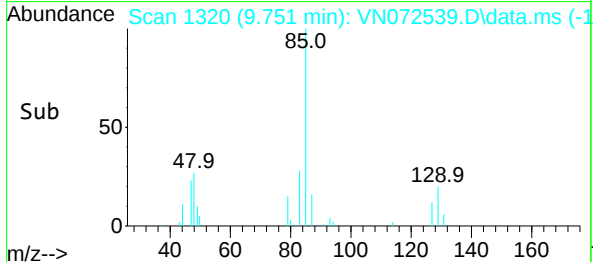
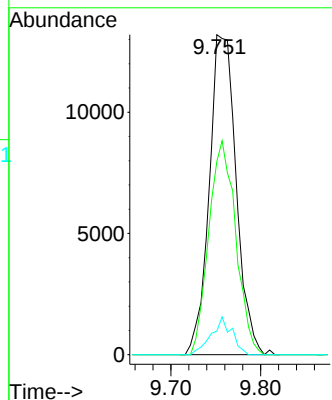
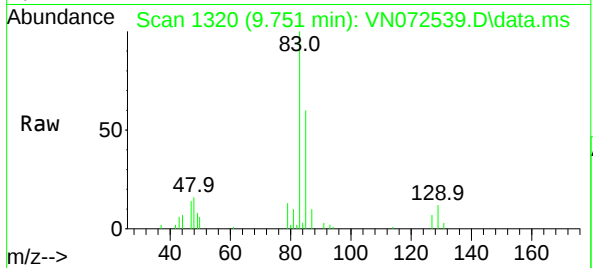




#47
Bromodichloromethane
Concen: 10.346 ug/l
RT: 9.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

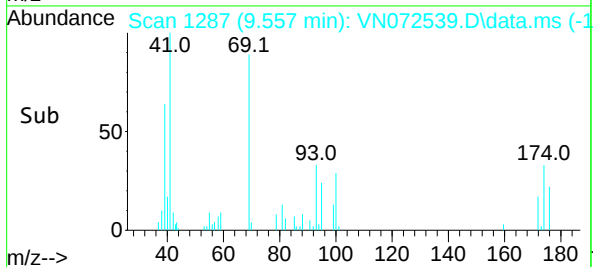
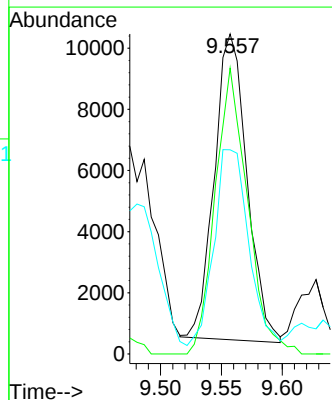
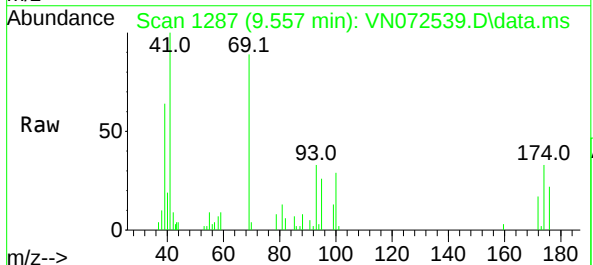
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

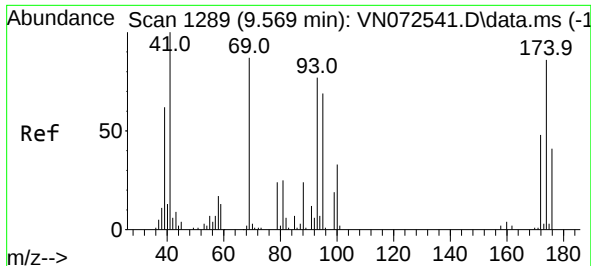
Tgt Ion: 83 Resp: 27542
Ion Ratio Lower Upper
83 100
85 60.4 50.5 75.7
127 7.4 6.8 10.2



#48
Methyl methacrylate
Concen: 9.018 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 41 Resp: 18666
Ion Ratio Lower Upper
41 100
69 92.7 74.7 112.1
39 67.5 45.6 68.4





#49

1,4-Dioxane

Concen: 92.668 ug/l

RT: 9.575 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

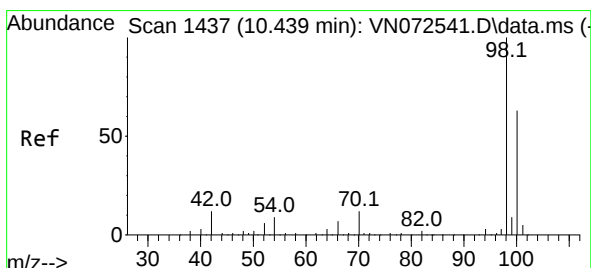
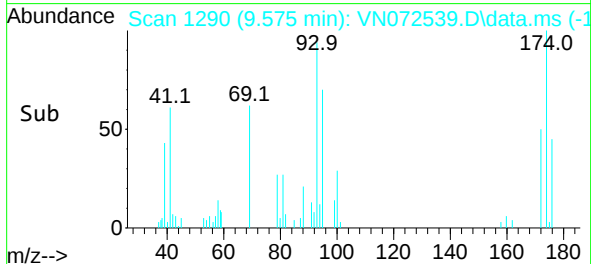
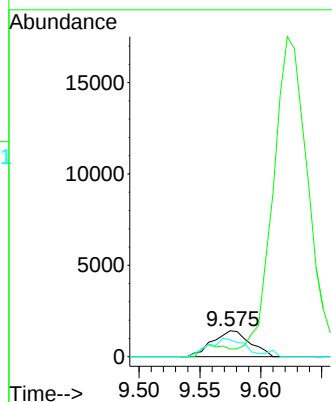
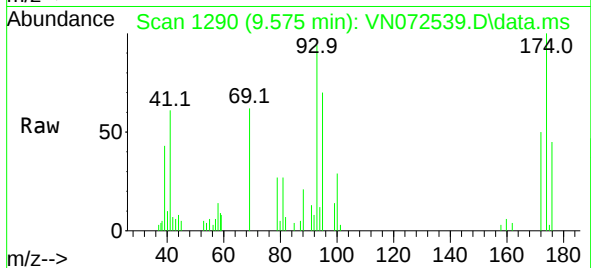
Tgt Ion: 88 Resp: 3057

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 72.7 54.2 81.4



#50

Toluene-d8

Concen: 10.132 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072539.D

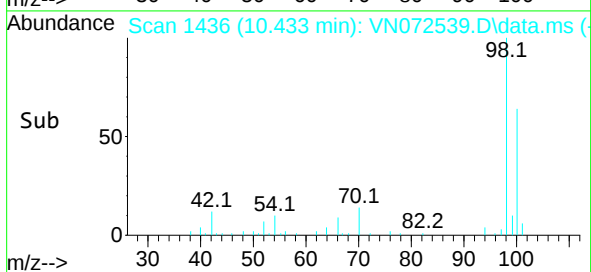
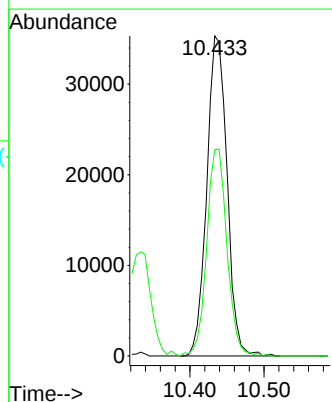
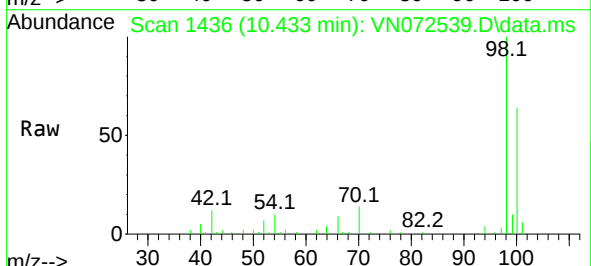
Acq: 18 May 2022 13:54

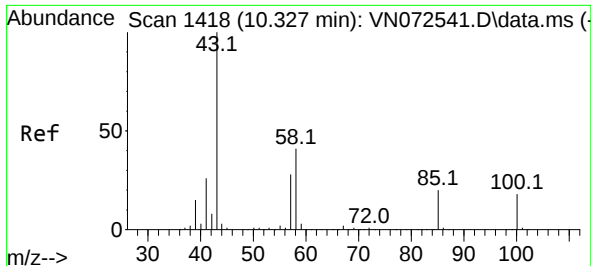
Tgt Ion: 98 Resp: 66983

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

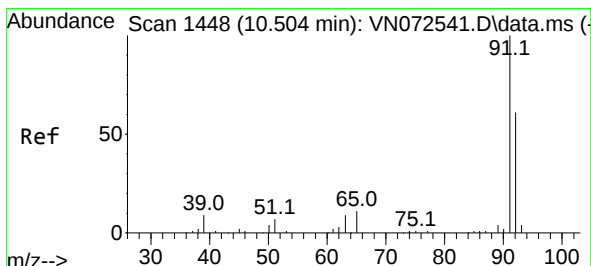
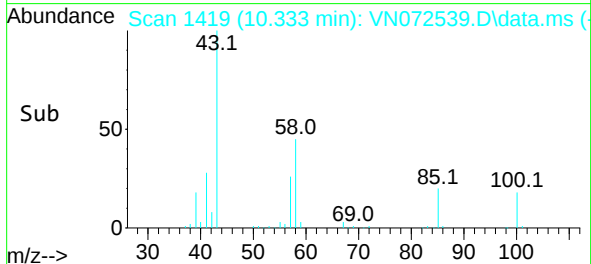
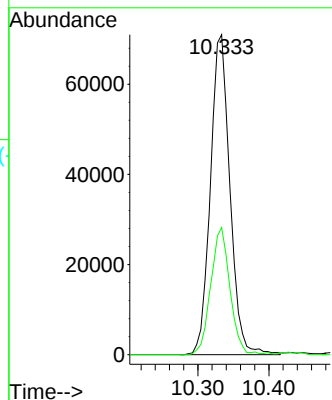
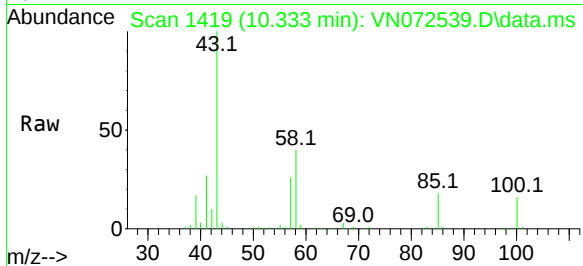




#51
4-Methyl-2-Pentanone
Concen: 48.232 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

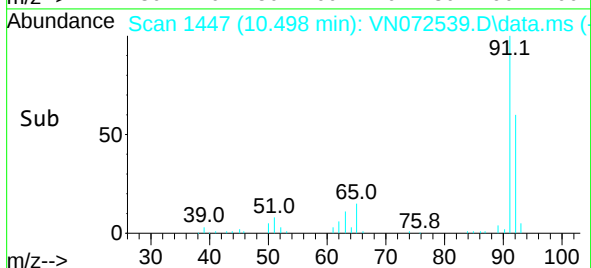
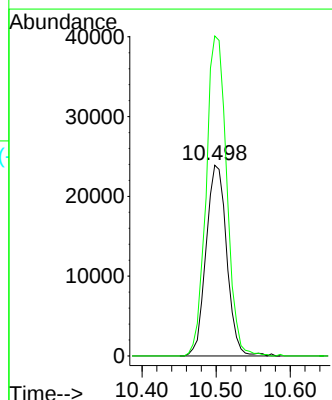
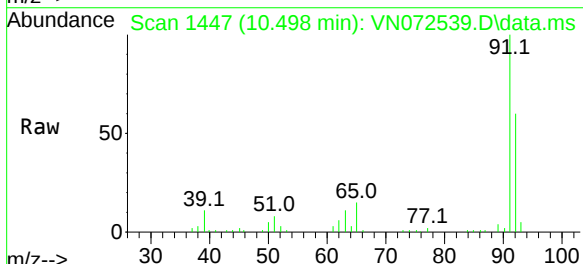
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

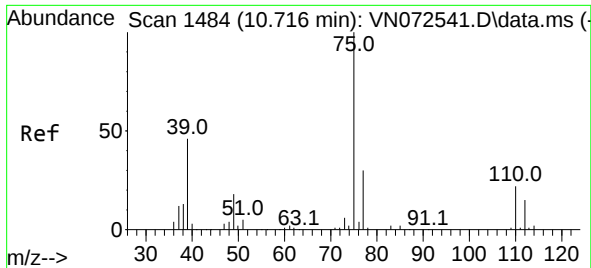
Tgt Ion: 43 Resp: 135378
Ion Ratio Lower Upper
43 100
58 39.0 34.1 51.1



#52
Toluene
Concen: 10.198 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 92 Resp: 46291
Ion Ratio Lower Upper
92 100
91 167.7 138.6 207.8

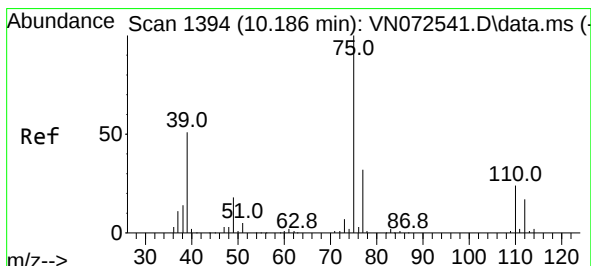
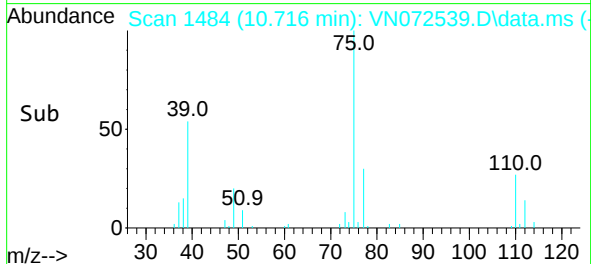
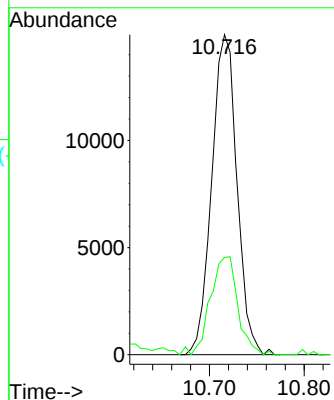
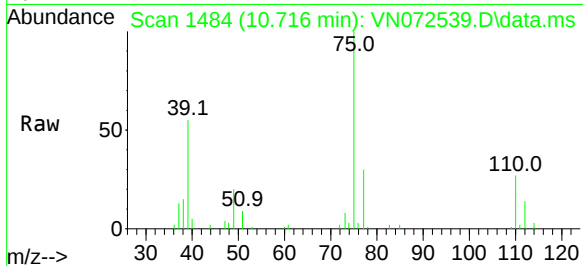




#53
 t-1,3-Dichloropropene
 Concen: 10.129 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

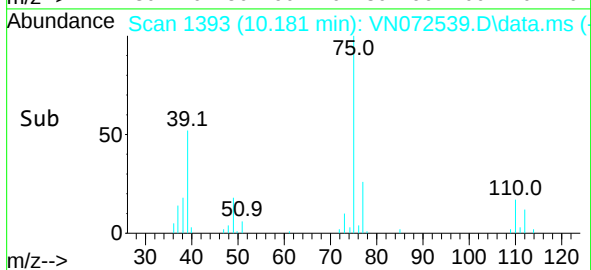
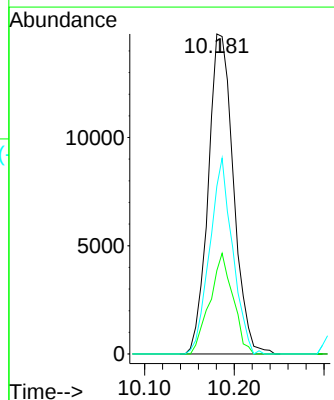
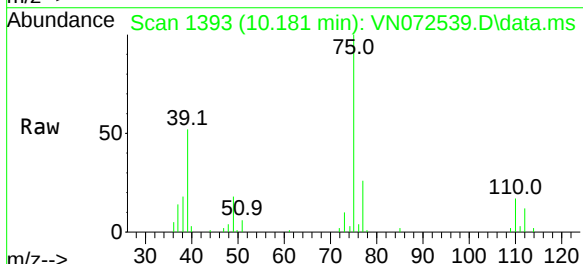
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

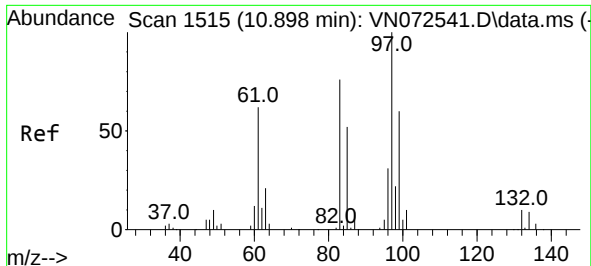
Tgt Ion: 75 Resp: 27661
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 10.010 ug/l
 RT: 10.181 min Scan# 1393
 Delta R.T. -0.006 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

Tgt Ion: 75 Resp: 28831
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.2 37.8
 39 52.4 35.7 53.5

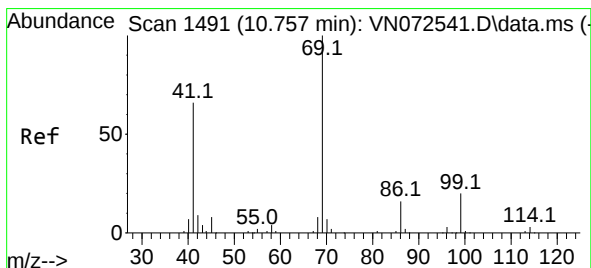
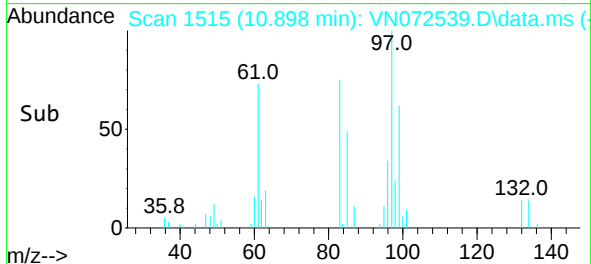
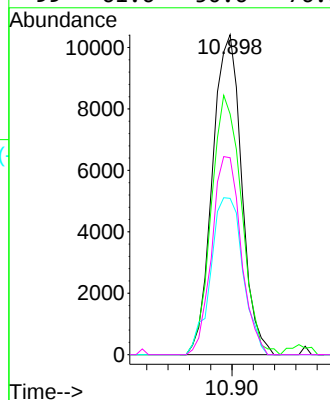
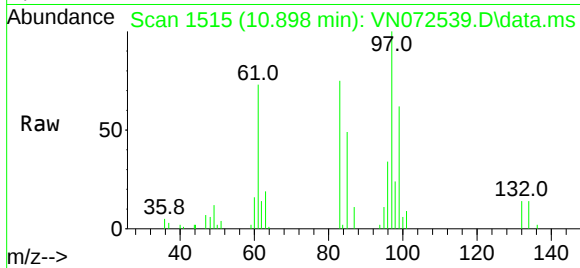




#55
1,1,2-Trichloroethane
Concen: 10.349 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

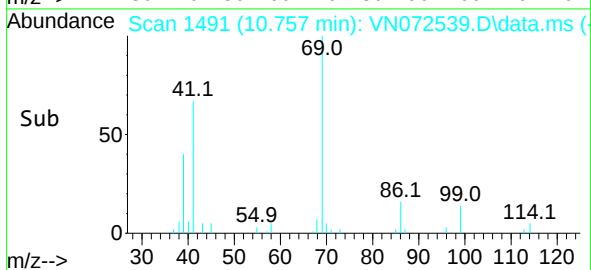
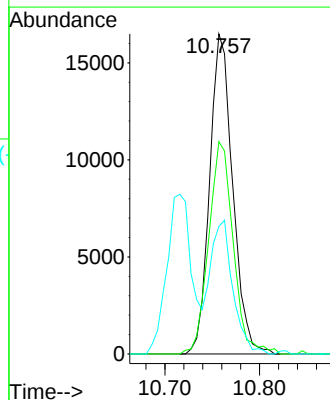
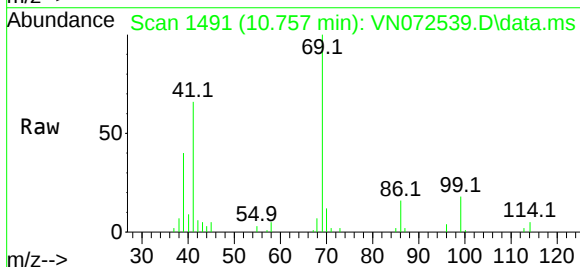
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

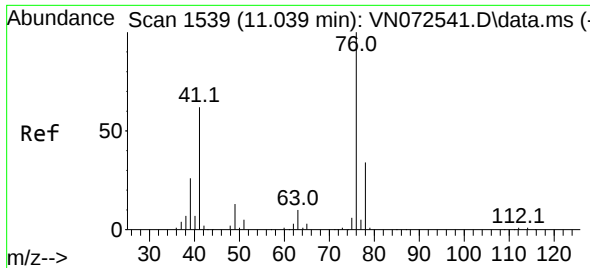
Tgt Ion:	97	Resp:	19791
Ion	Ratio	Lower	Upper
97	100		
83	75.2	66.2	99.4
85	48.8	43.9	65.9
99	61.6	50.6	76.0



#56
Ethyl methacrylate
Concen: 10.150 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion:	69	Resp:	27836
Ion	Ratio	Lower	Upper
69	100		
41	70.8	47.8	71.6
39	40.9	27.3	40.9

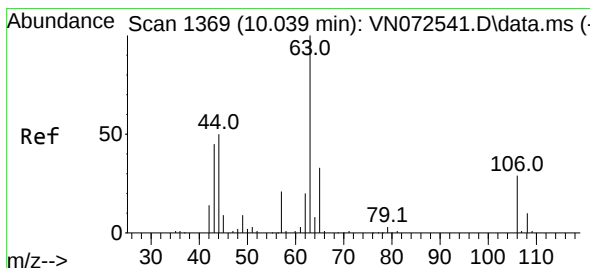
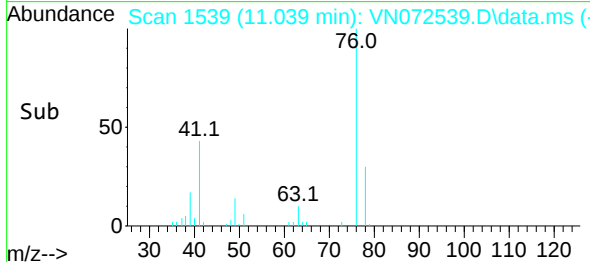
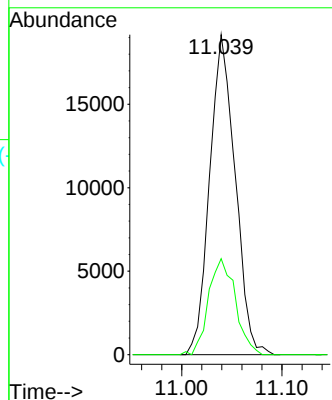
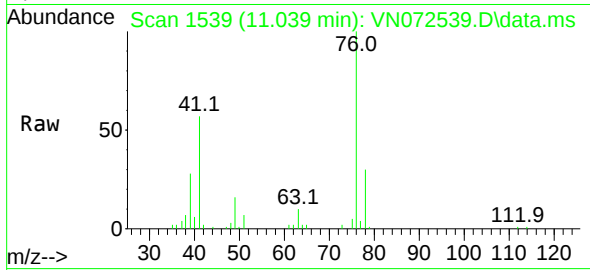




#57
1,3-Dichloropropane
Concen: 10.449 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

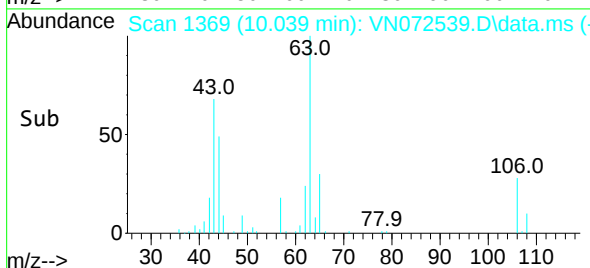
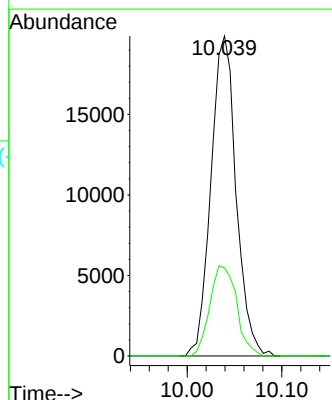
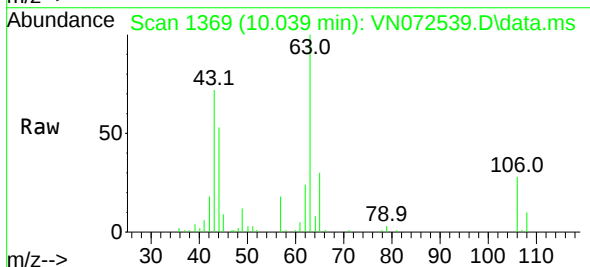
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

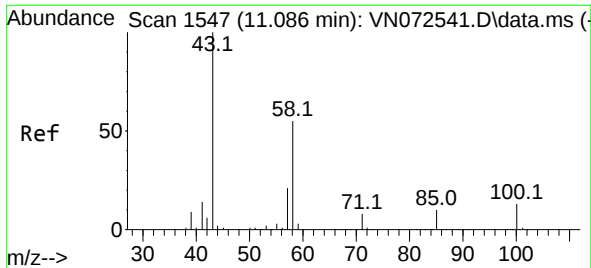
Tgt Ion: 76 Resp: 33762
Ion Ratio Lower Upper
76 100
78 31.6 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 64.398 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 63 Resp: 36651
Ion Ratio Lower Upper
63 100
106 29.9 24.6 36.8

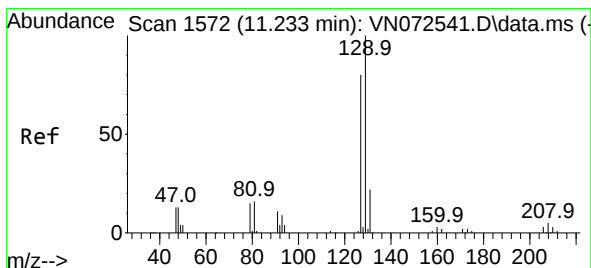
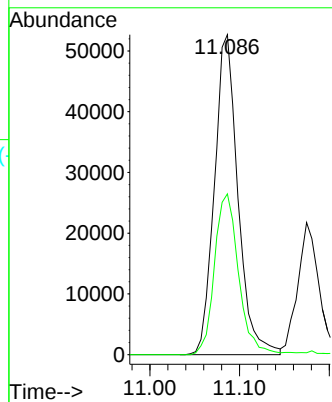
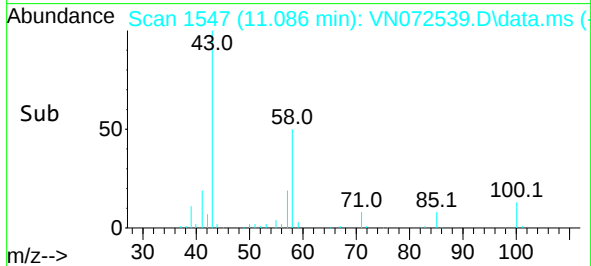
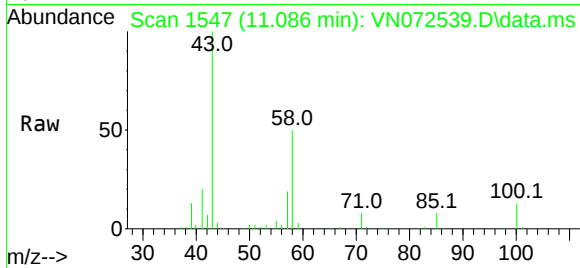




#59
2-Hexanone
Concen: 48.893 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

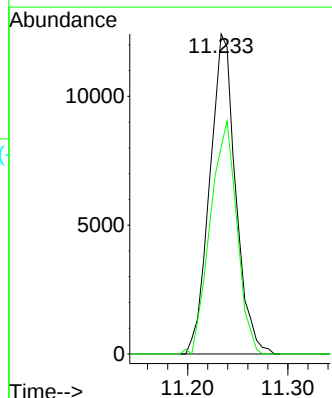
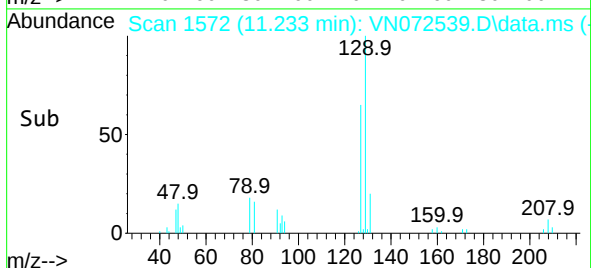
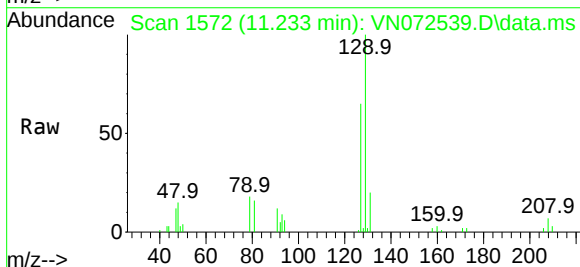
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

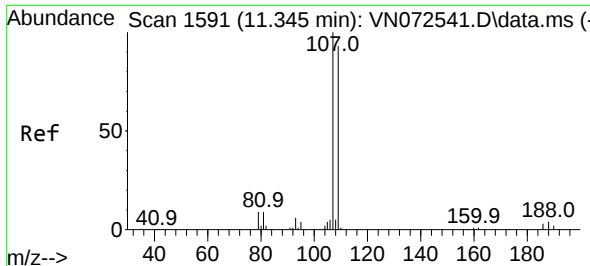
Tgt Ion: 43 Resp: 95802
Ion Ratio Lower Upper
43 100
58 51.8 29.7 89.1



#60
Dibromochloromethane
Concen: 10.888 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 129 Resp: 22218
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.4

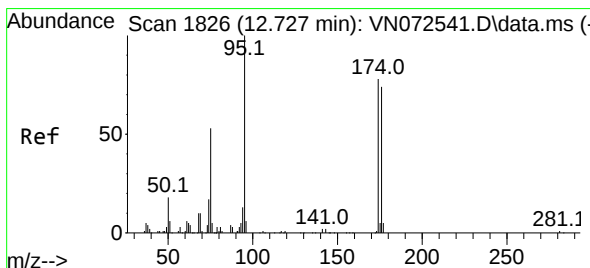
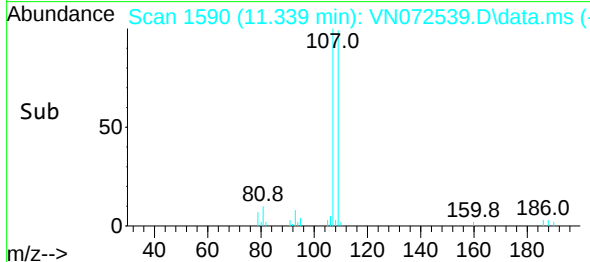
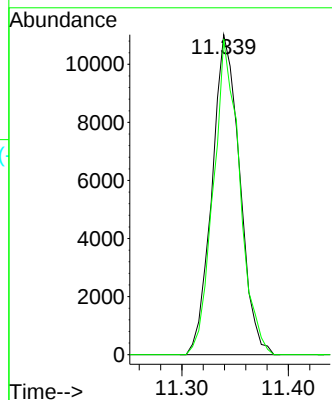
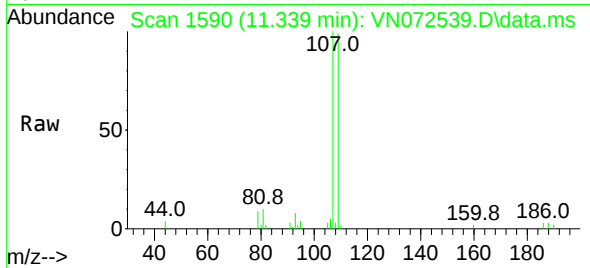




#61
1,2-Dibromoethane
Concen: 10.409 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

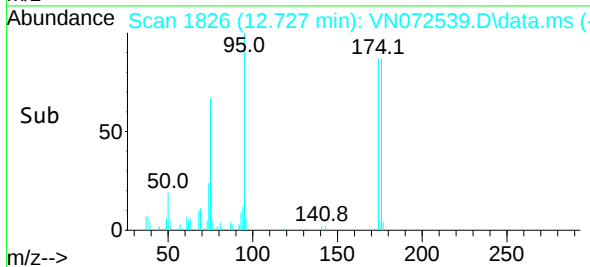
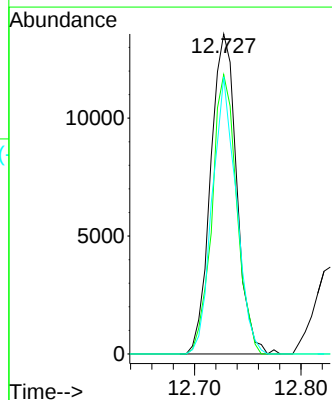
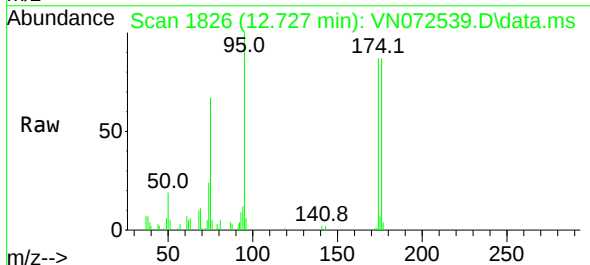
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

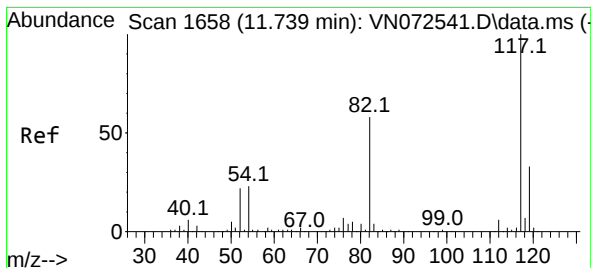
Tgt Ion:107 Resp: 19870
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 10.200 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 95 Resp: 22989
Ion Ratio Lower Upper
95 100
174 82.6 0.0 167.6
176 80.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

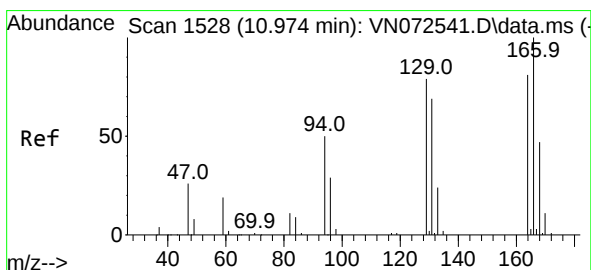
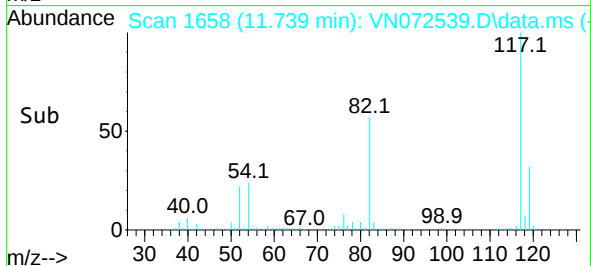
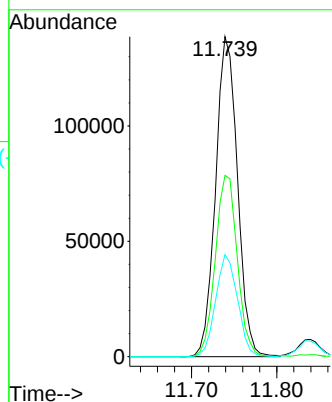
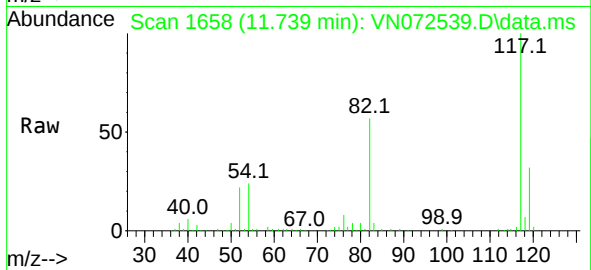
Tgt Ion:117 Resp: 248124

Ion Ratio Lower Upper

117 100

82 56.7 44.2 66.2

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 10.716 ug/l

RT: 10.975 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Tgt Ion:164 Resp: 18878

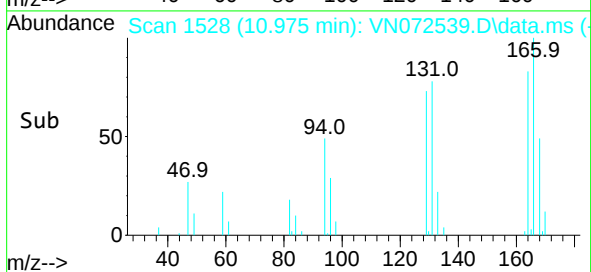
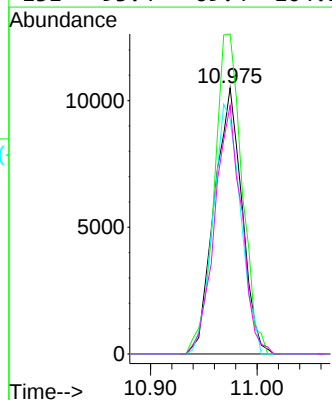
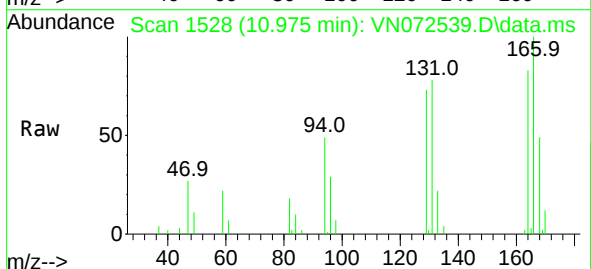
Ion Ratio Lower Upper

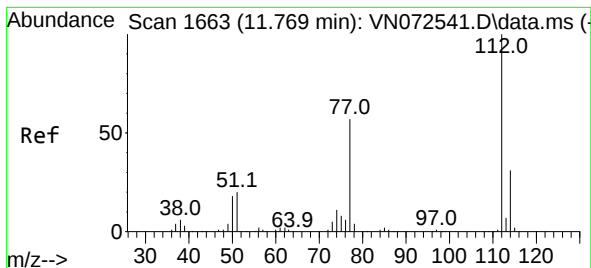
164 100

166 120.3 104.2 156.2

129 88.2 73.9 110.9

131 93.4 69.4 104.2





#65

Chlorobenzene

Concen: 10.126 ug/l

RT: 11.769 min Scan# 1663

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

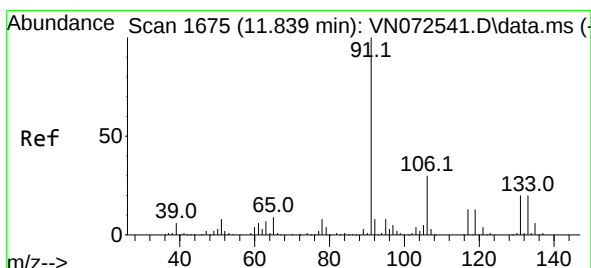
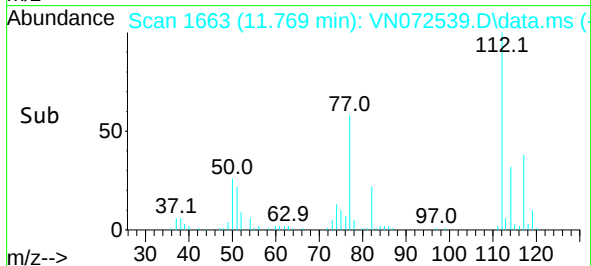
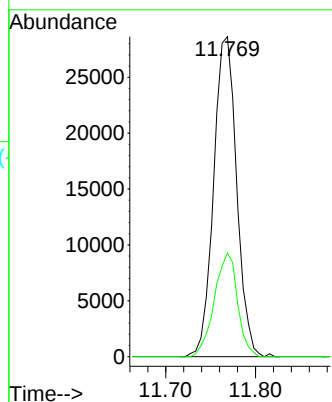
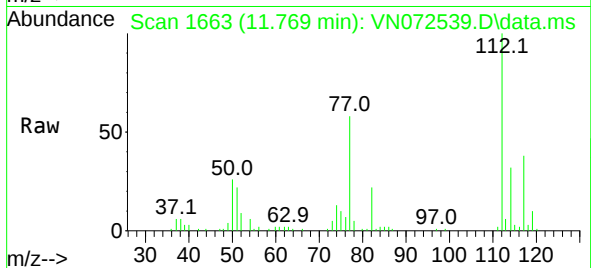
VSTDIC010

Tgt Ion:112 Resp: 51010

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 9.959 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

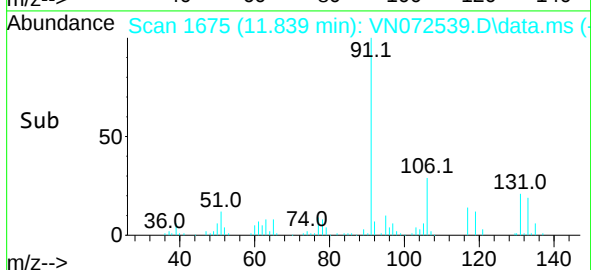
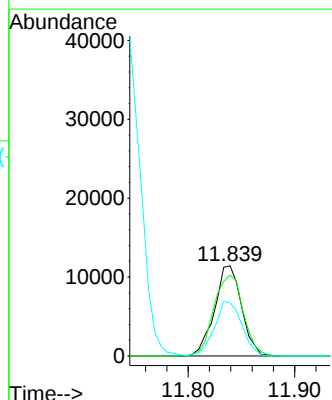
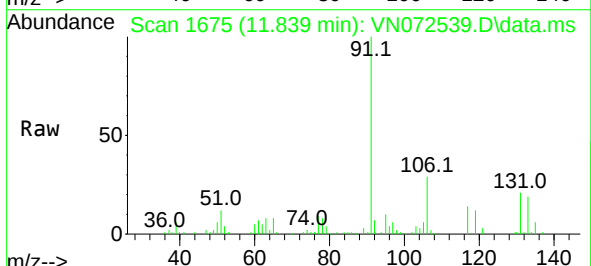
Tgt Ion:131 Resp: 20104

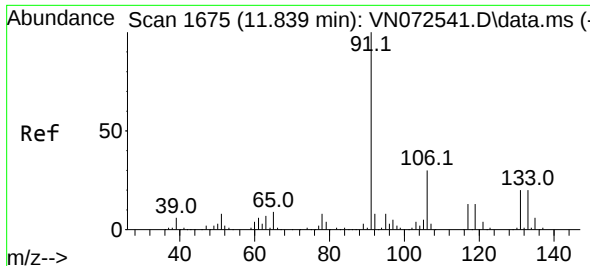
Ion Ratio Lower Upper

131 100

133 97.6 47.8 143.4

119 61.3 33.4 100.2

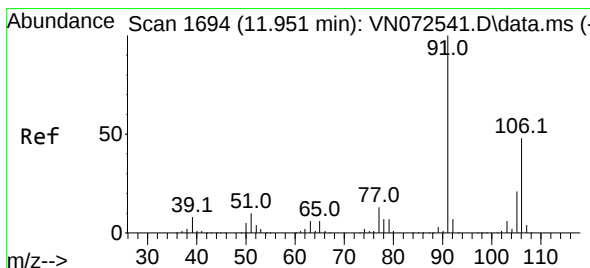
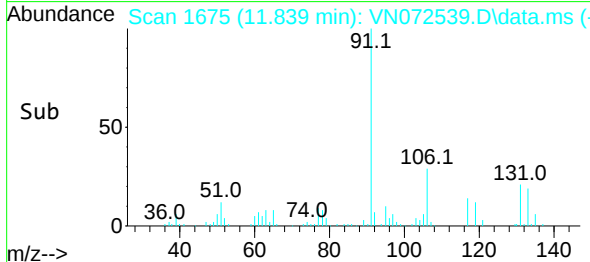
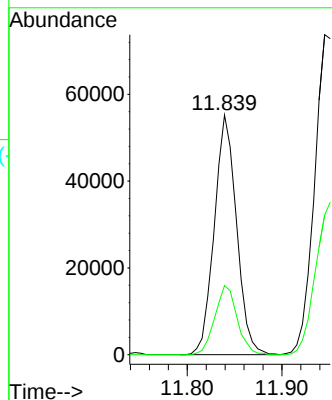
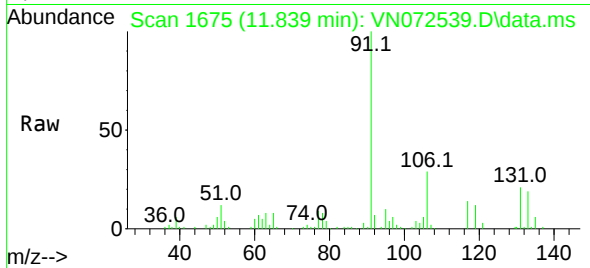




#67
Ethyl Benzene
Concen: 10.394 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

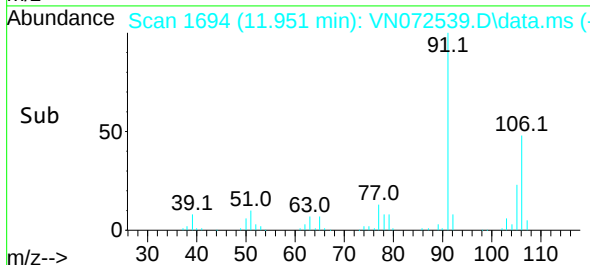
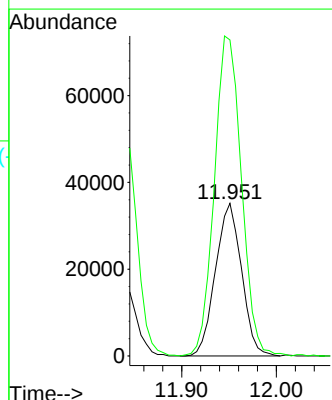
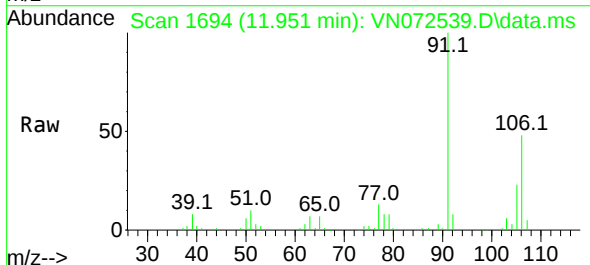
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

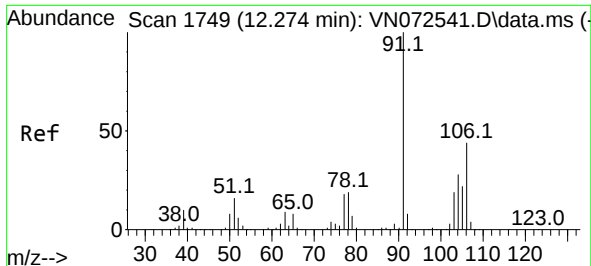
Tgt Ion: 91 Resp: 90113
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3



#68
m/p-Xylenes
Concen: 20.414 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion:106 Resp: 67347
Ion Ratio Lower Upper
106 100
91 217.7 158.9 238.3





#69

o-Xylene

Concen: 10.536 ug/l

RT: 12.280 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

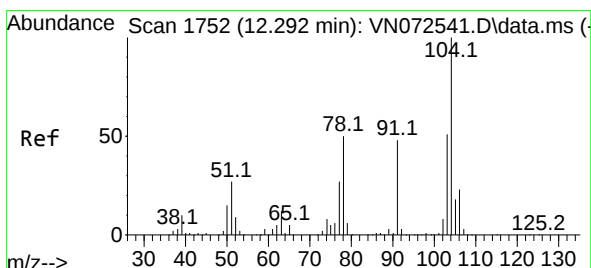
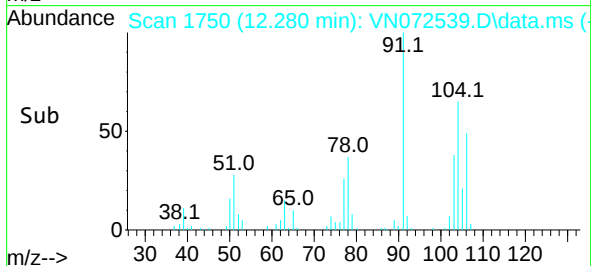
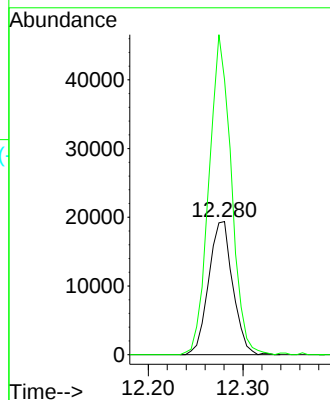
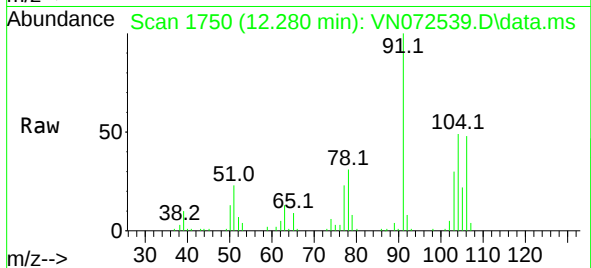
VSTDIC010

Tgt Ion:106 Resp: 34207

Ion Ratio Lower Upper

106 100

91 223.2 106.0 318.0



#70

Styrene

Concen: 10.539 ug/l

RT: 12.286 min Scan# 1751

Delta R.T. -0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

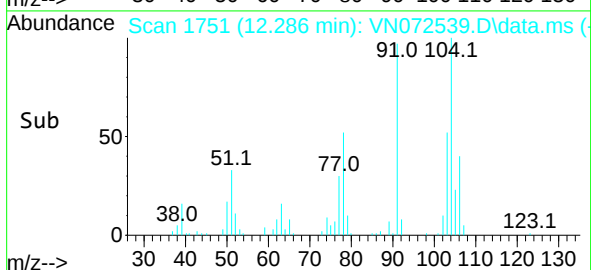
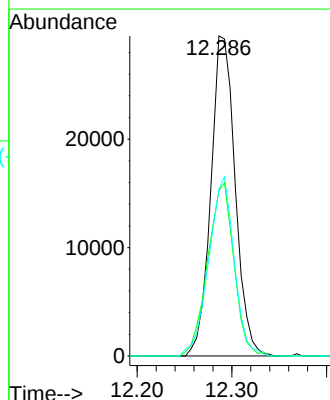
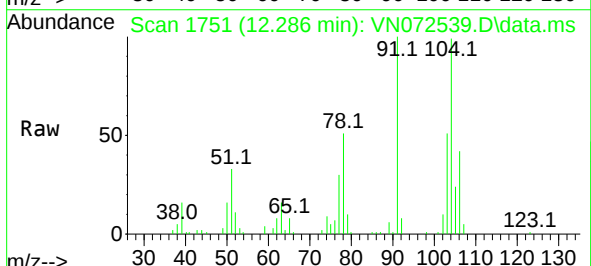
Tgt Ion:104 Resp: 52658

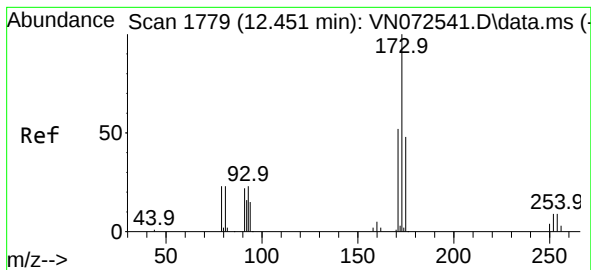
Ion Ratio Lower Upper

104 100

78 58.2 39.5 59.3

103 58.5 44.0 66.0





#71

Bromoform

Concen: 11.339 ug/l

RT: 12.457 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

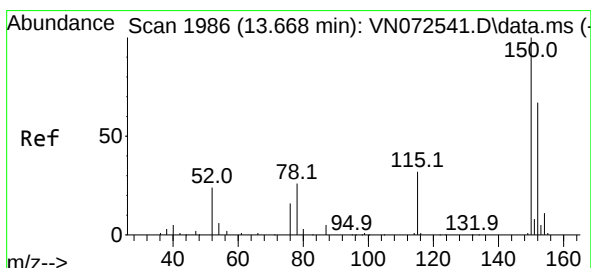
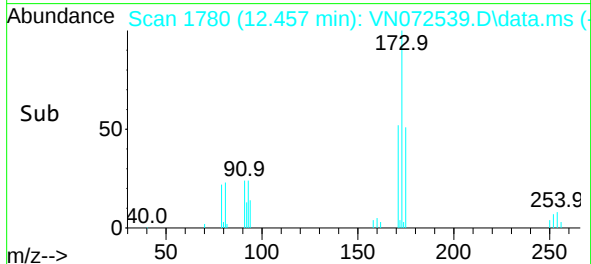
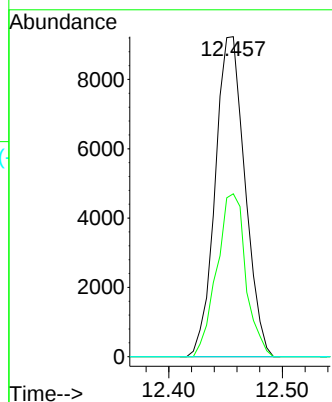
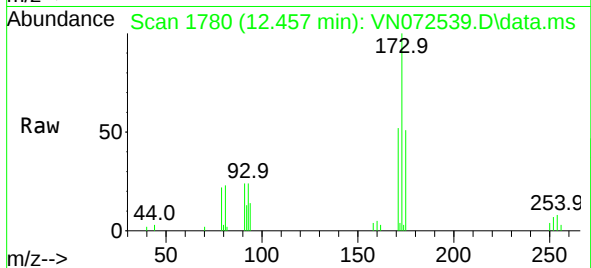
Tgt Ion:173 Resp: 16811

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

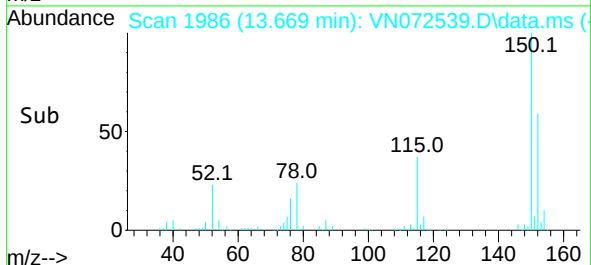
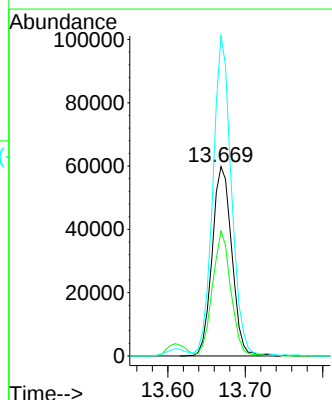
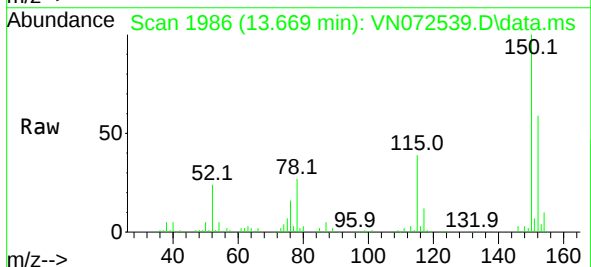
Tgt Ion:152 Resp: 105235

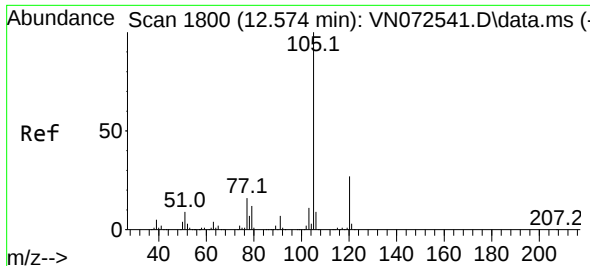
Ion Ratio Lower Upper

152 100

115 62.2 28.9 86.7

150 160.7 0.0 356.2

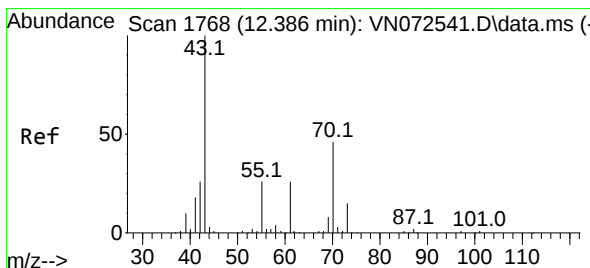
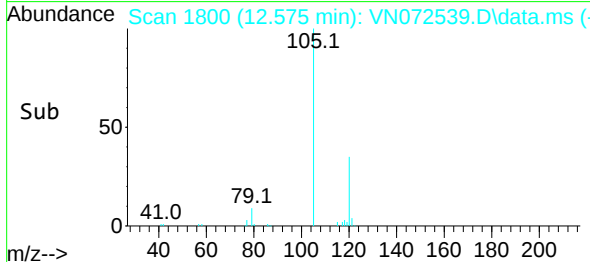
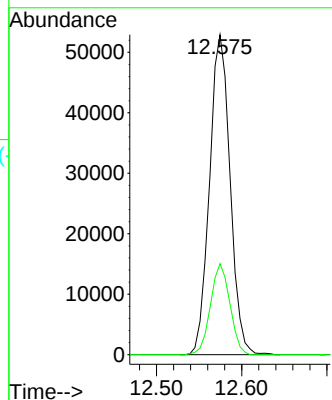
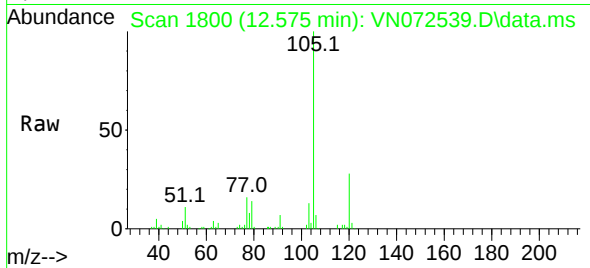




#73
Isopropylbenzene
Concen: 10.230 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

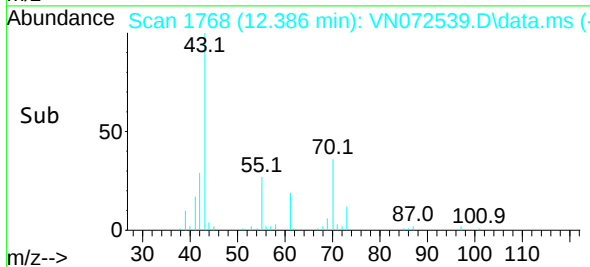
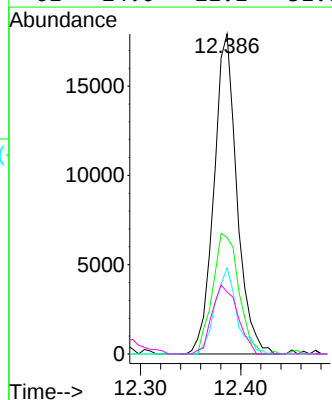
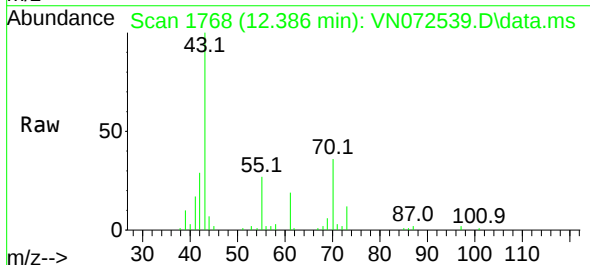
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

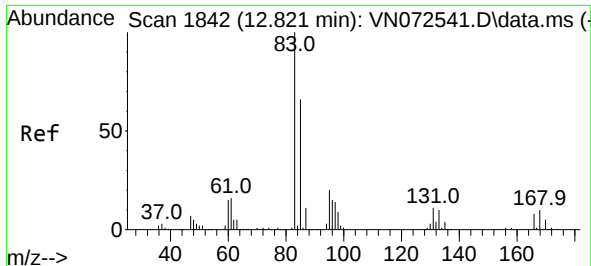
Tgt Ion:105 Resp: 88686
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 9.452 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 43 Resp: 28484
Ion Ratio Lower Upper
43 100
70 42.5 39.0 58.4
55 25.7 21.1 31.7
61 24.0 21.1 31.7

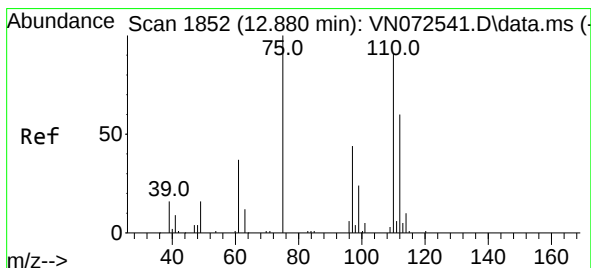
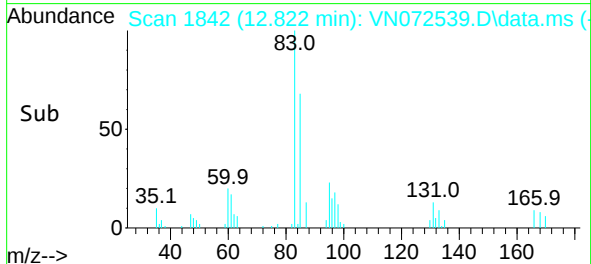
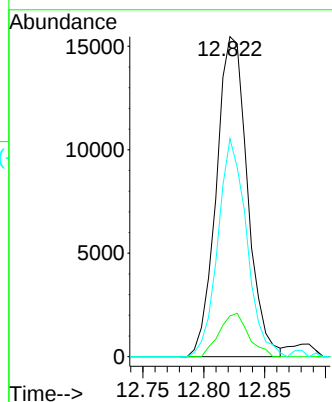
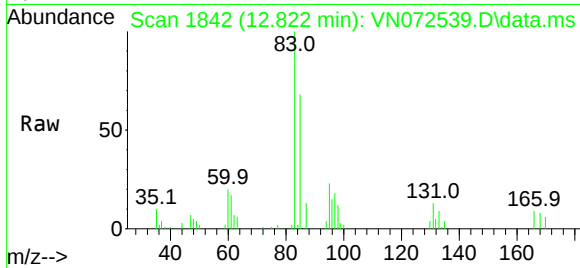




#75
1,1,2,2-Tetrachloroethane
Concen: 8.966 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

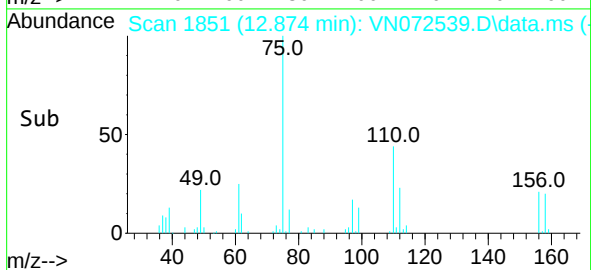
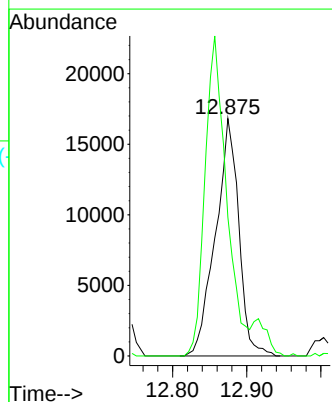
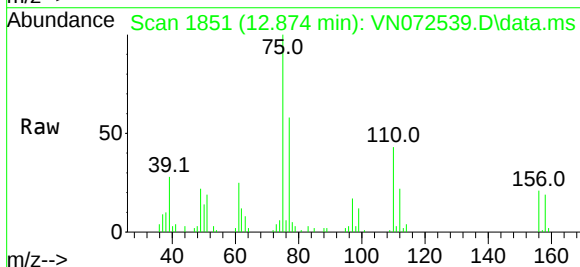
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

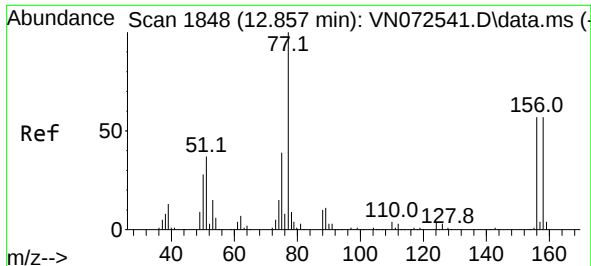
Tgt Ion: 83 Resp: 27511
Ion Ratio Lower Upper
83 100
131 12.7 5.3 15.9
85 62.9 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 13.526 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 75 Resp: 36674
Ion Ratio Lower Upper
75 100
77 125.4 98.5 295.5

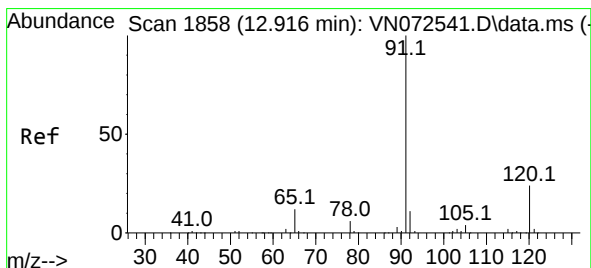
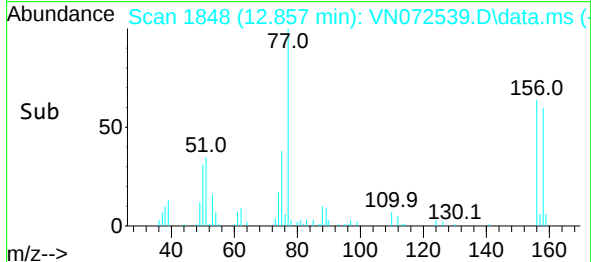
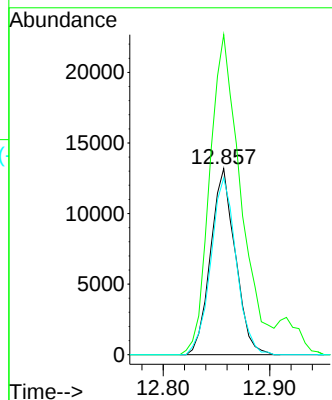
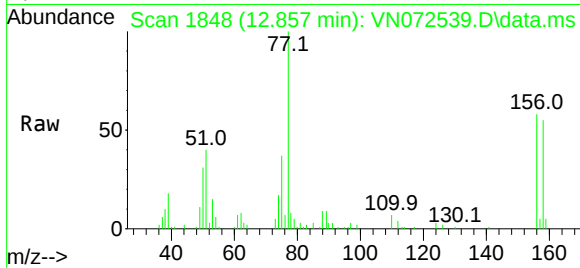




#77
Bromobenzene
Concen: 10.241 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

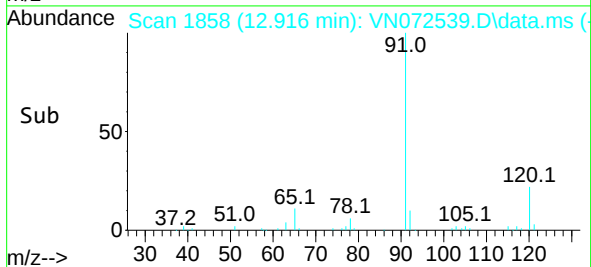
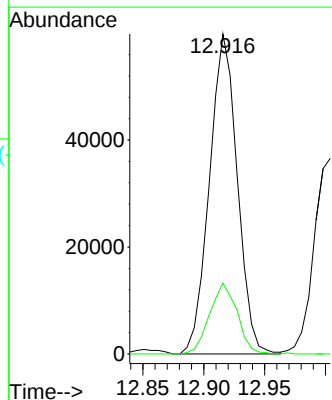
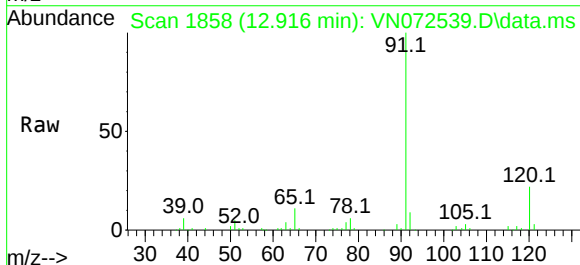
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

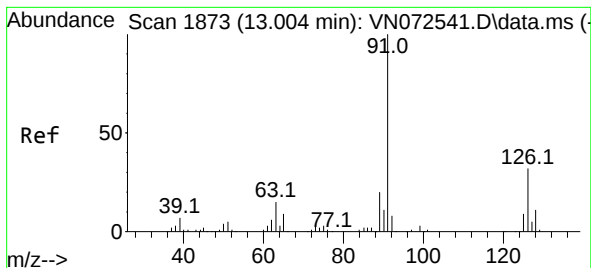
Tgt Ion:156 Resp: 21246
Ion Ratio Lower Upper
156 100
77 216.5 100.5 301.5
158 97.6 48.9 146.6



#78
n-propylbenzene
Concen: 10.211 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 91 Resp: 94970
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 10.469 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

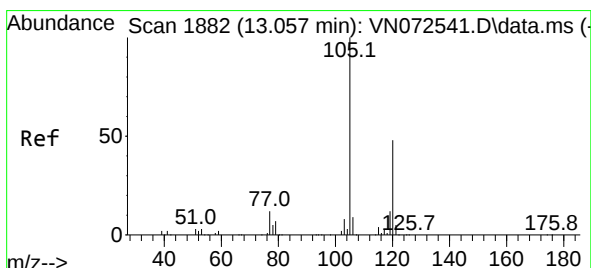
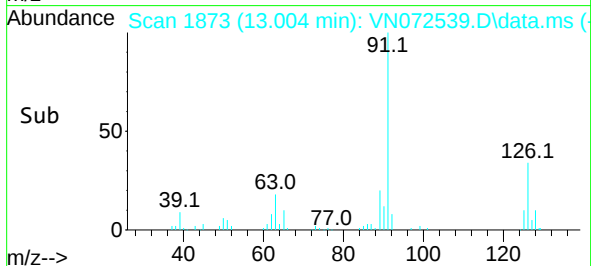
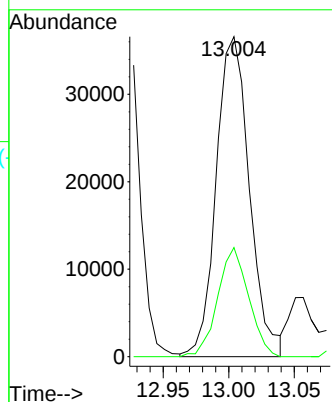
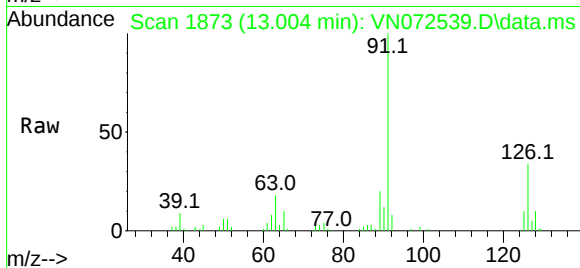
VSTDIC010

Tgt Ion: 91 Resp: 64466

Ion Ratio Lower Upper

91 100

126 31.7 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 10.671 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VN072539.D

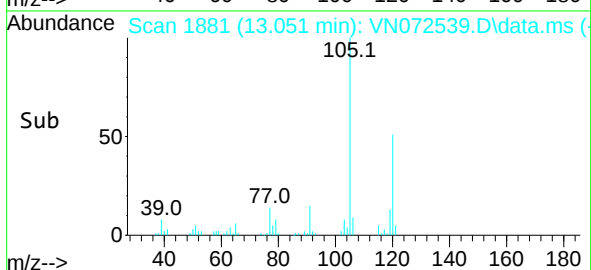
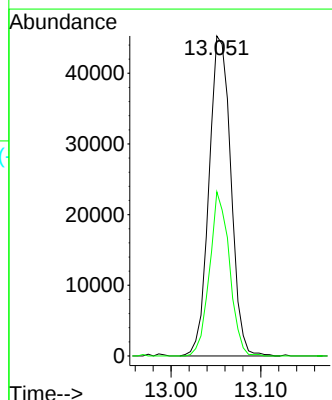
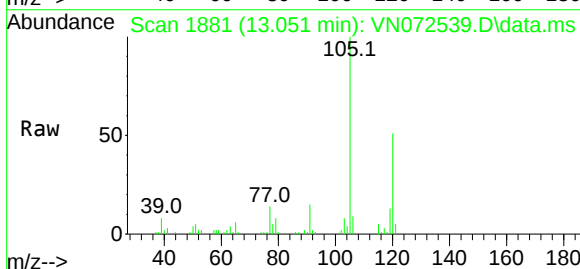
Acq: 18 May 2022 13:54

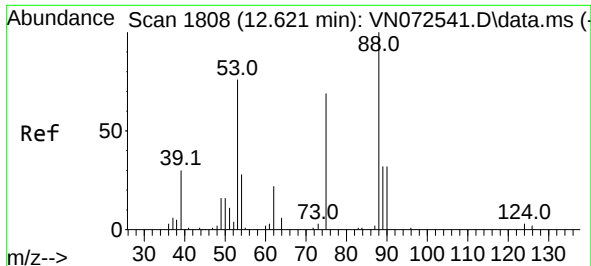
Tgt Ion: 105 Resp: 76519

Ion Ratio Lower Upper

105 100

120 46.7 24.9 74.7

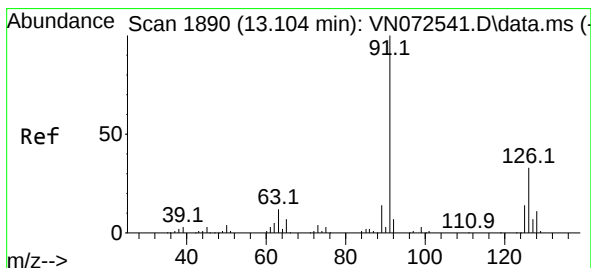
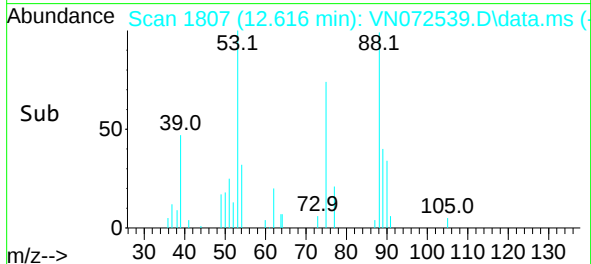
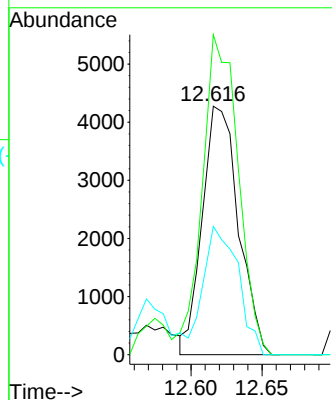
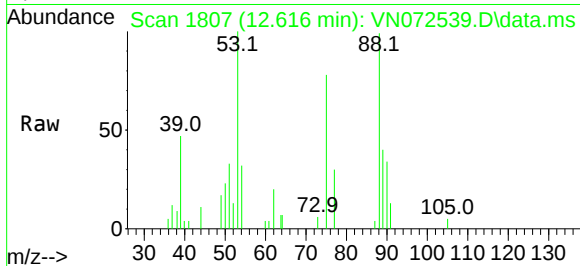




#81
trans-1,4-Dichloro-2-butene
Concen: 9.417 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

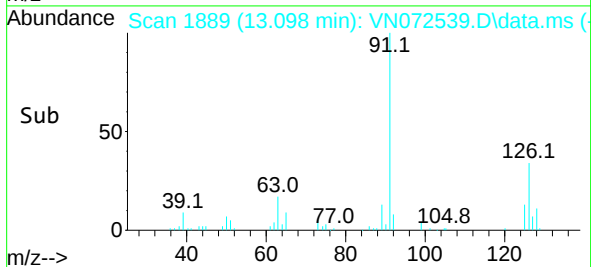
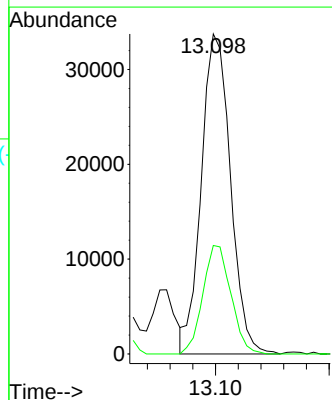
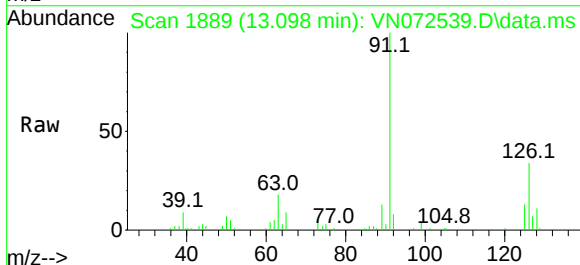
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

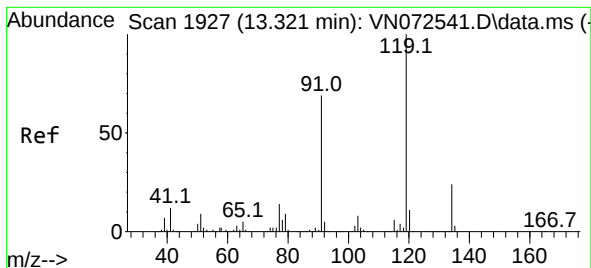
Tgt Ion: 75 Resp: 7569
Ion Ratio Lower Upper
75 100
53 128.0 78.0 117.0#
89 49.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 10.347 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 91 Resp: 60077
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 10.914 ug/l

RT: 13.322 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

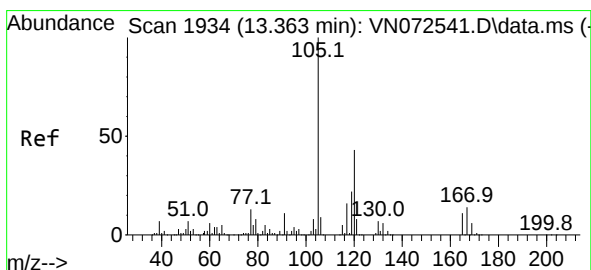
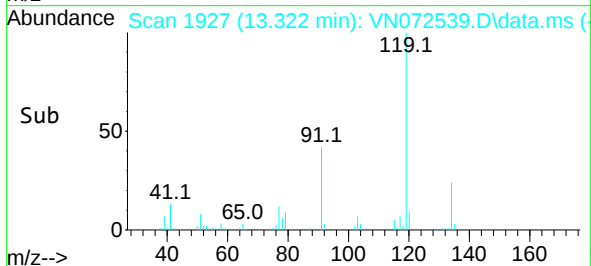
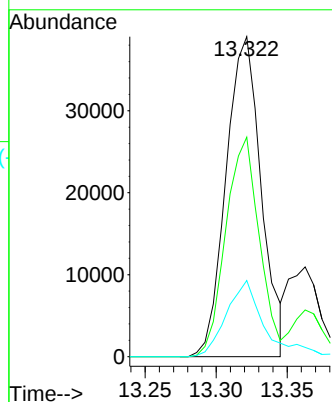
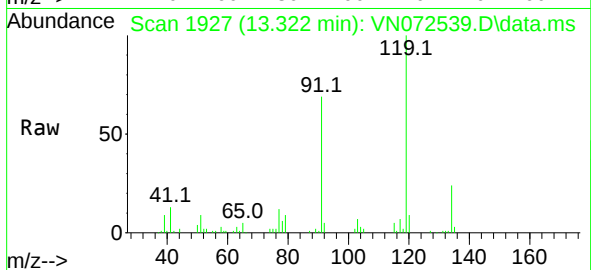
Tgt Ion:119 Resp: 67456

Ion Ratio Lower Upper

119 100

91 65.3 31.6 94.8

134 25.8 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 11.159 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: VN072539.D

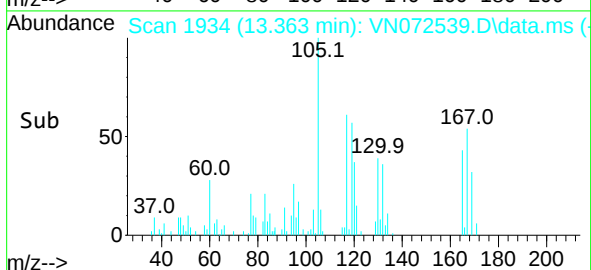
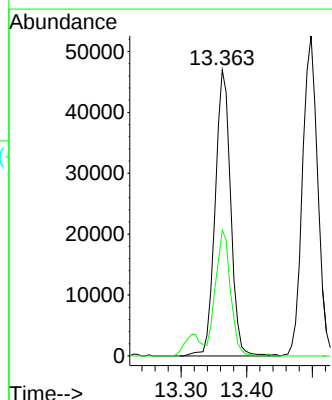
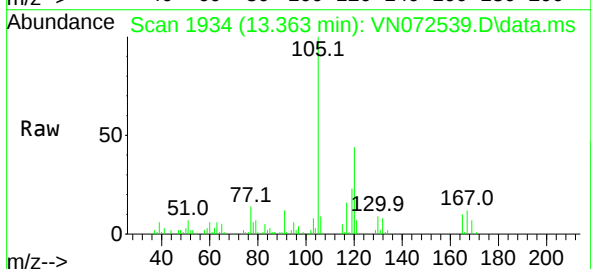
Acq: 18 May 2022 13:54

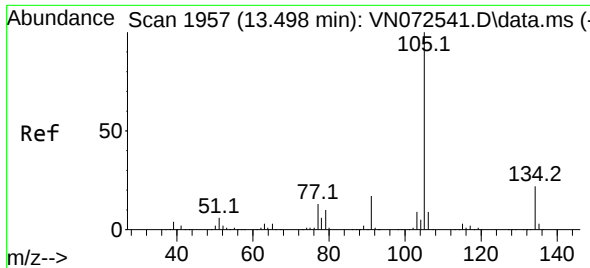
Tgt Ion:105 Resp: 76863

Ion Ratio Lower Upper

105 100

120 42.1 23.3 69.8

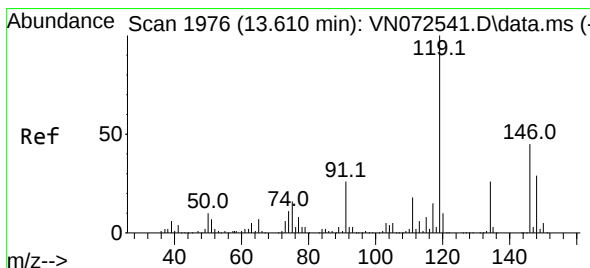
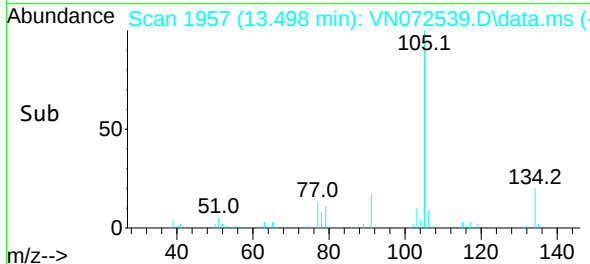
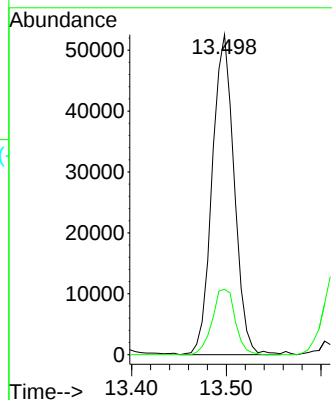
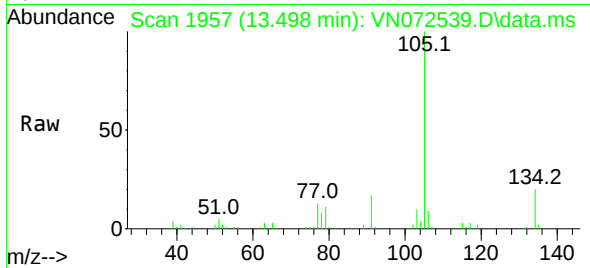




#85
 sec-Butylbenzene
 Concen: 10.320 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

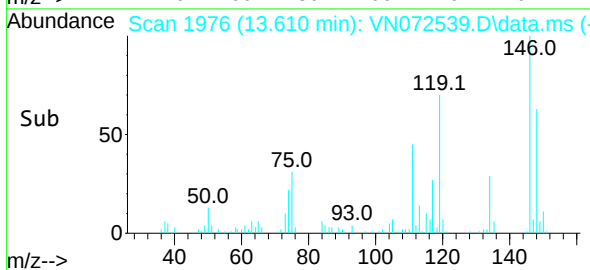
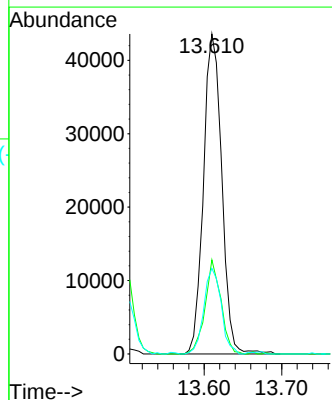
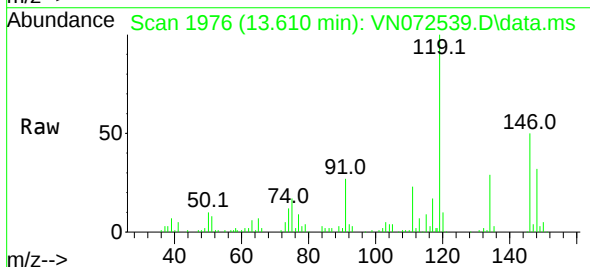
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

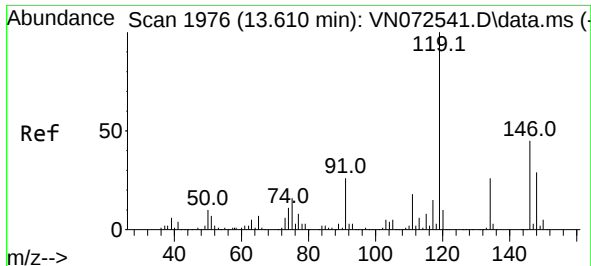
Tgt Ion:105 Resp: 84764
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 11.105 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

Tgt Ion:119 Resp: 71462
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 25.3 11.3 33.9

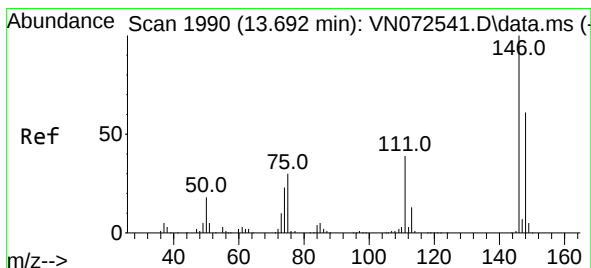
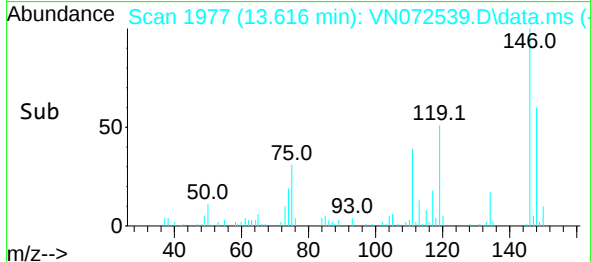
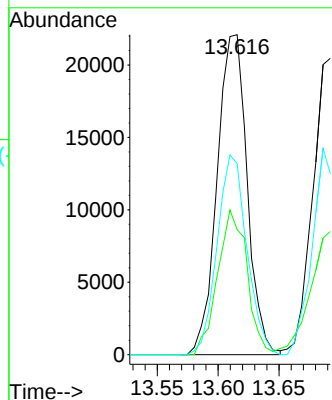
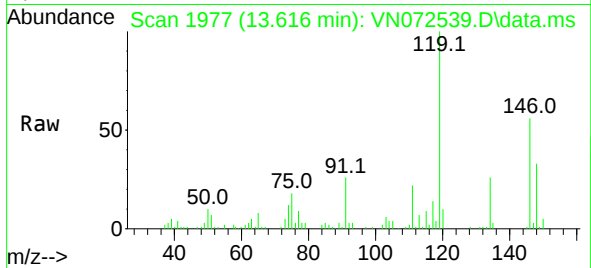




#87
 1,3-Dichlorobenzene
 Concen: 10.651 ug/l
 RT: 13.616 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

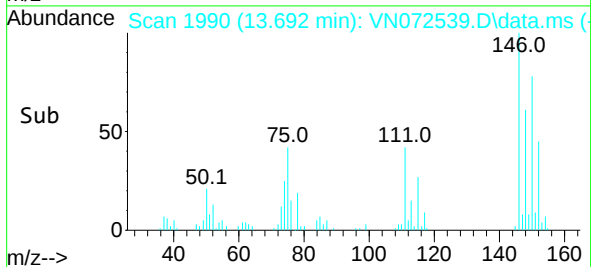
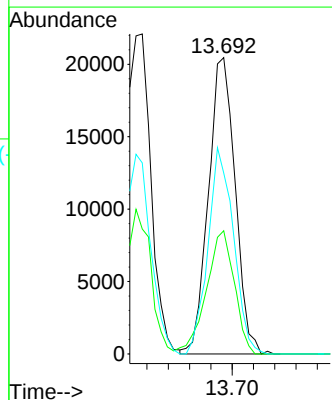
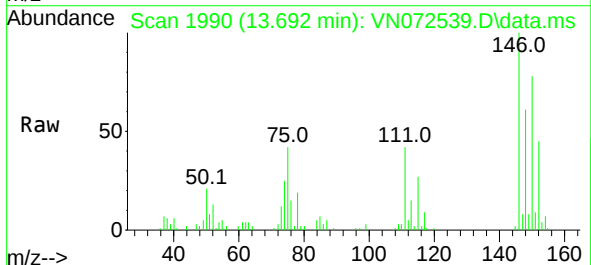
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

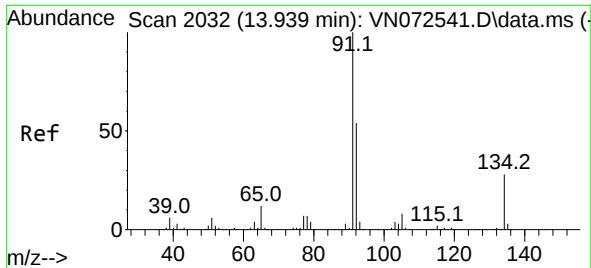
Tgt Ion:146 Resp: 37937
 Ion Ratio Lower Upper
 146 100
 111 44.2 20.0 60.0
 148 61.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 10.042 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN072539.D
 Acq: 18 May 2022 13:54

Tgt Ion:146 Resp: 35725
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.1 57.1
 148 66.5 31.4 94.3

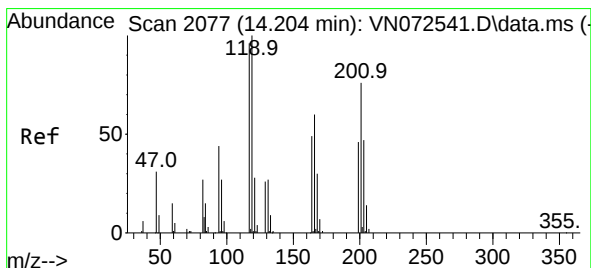
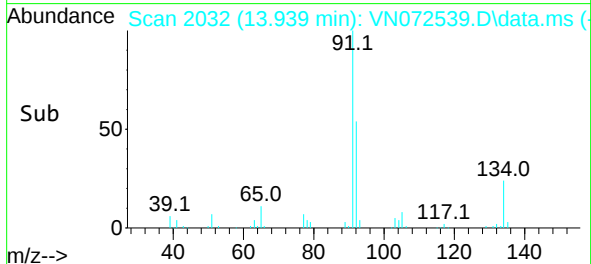
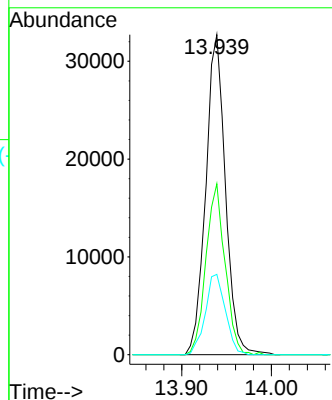
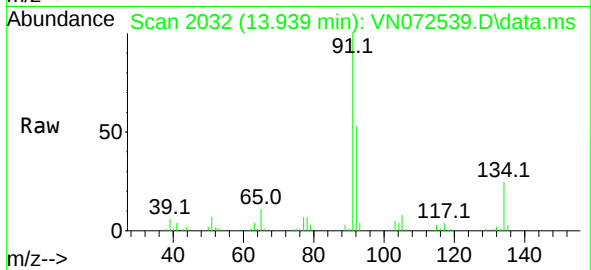




#89
n-Butylbenzene
Concen: 10.073 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

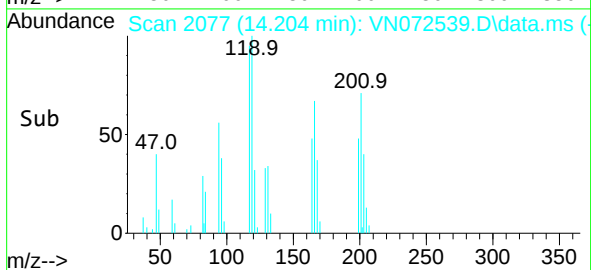
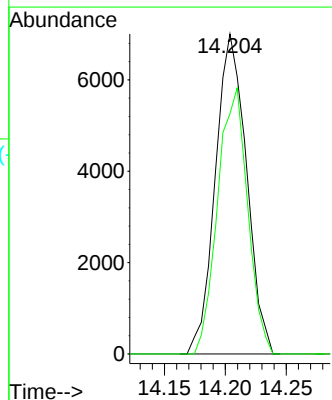
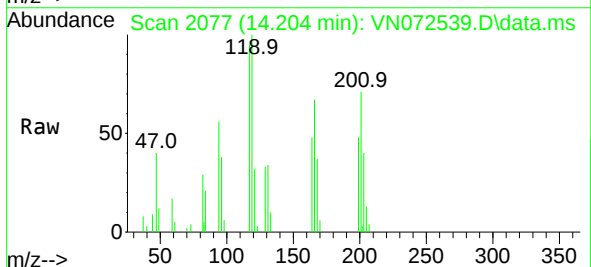
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

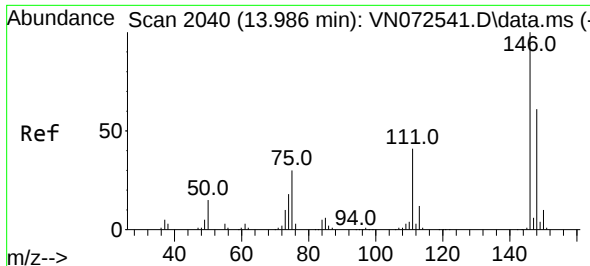
Tgt Ion: 91 Resp: 49853
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 25.6 13.6 40.8



#90
Hexachloroethane
Concen: 9.694 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 117 Resp: 12455
Ion Ratio Lower Upper
117 100
201 79.9 40.6 122.0

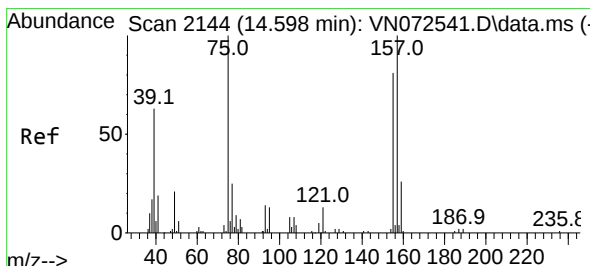
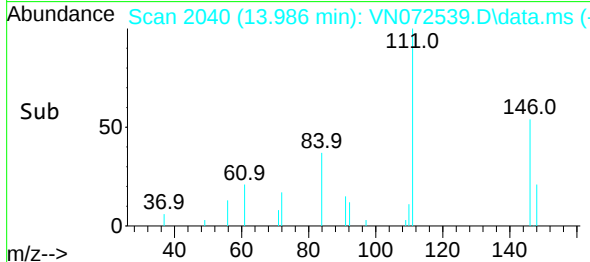
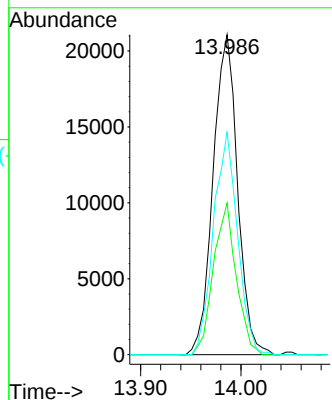
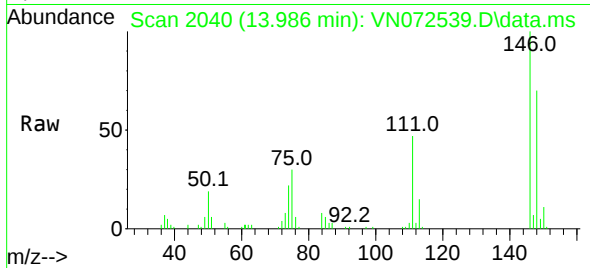




#91
1,2-Dichlorobenzene
Concen: 9.988 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

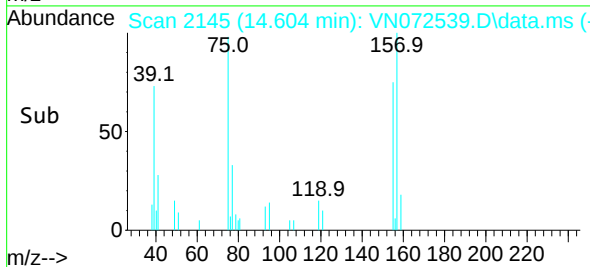
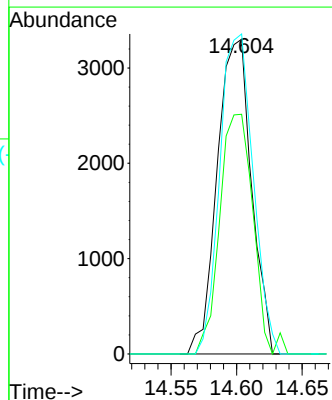
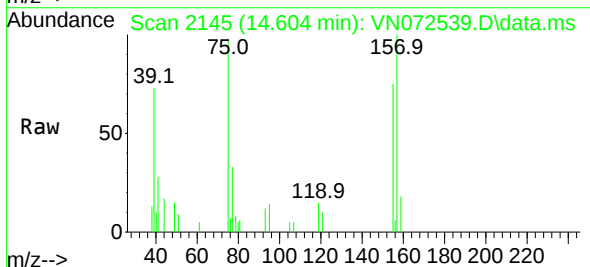
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

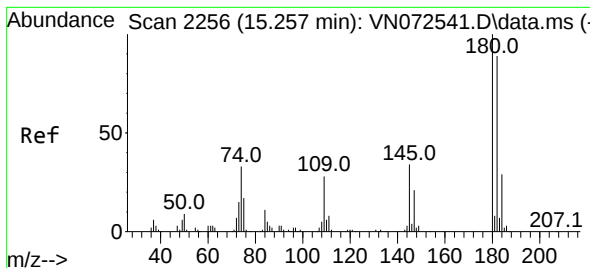
Tgt Ion:146 Resp: 35711
Ion Ratio Lower Upper
146 100
111 44.2 20.9 62.8
148 68.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.875 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072539.D
Acq: 18 May 2022 13:54

Tgt Ion: 75 Resp: 6001
Ion Ratio Lower Upper
75 100
155 74.0 44.9 134.5
157 98.8 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 10.625 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

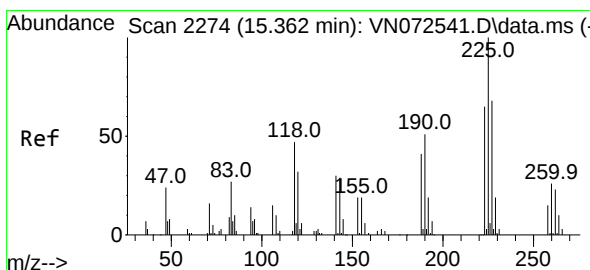
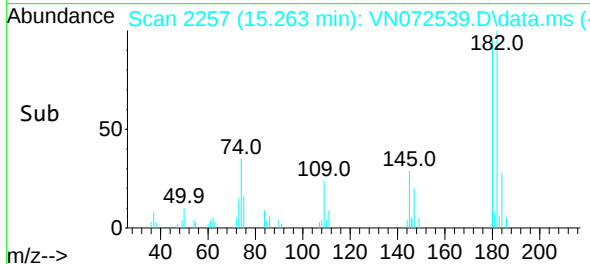
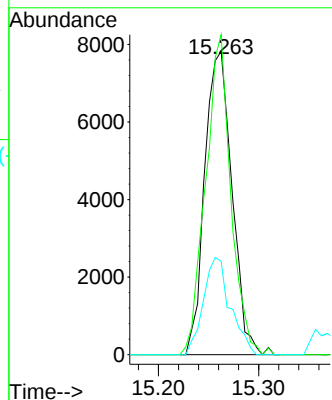
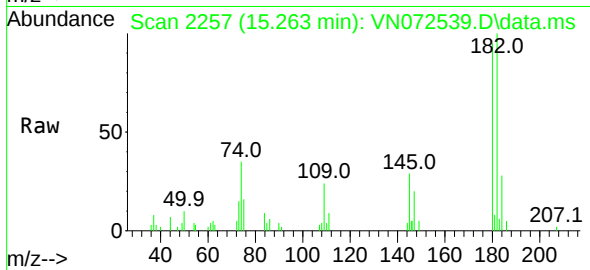
Tgt Ion:180 Resp: 14843

Ion Ratio Lower Upper

180 100

182 97.6 47.5 142.5

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 11.303 ug/l

RT: 15.363 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

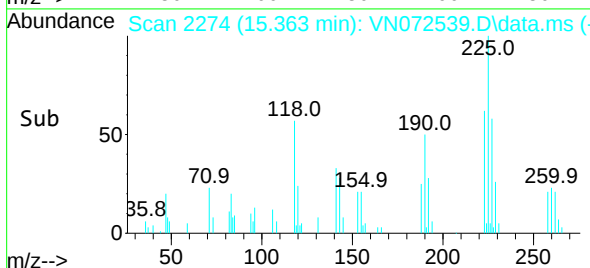
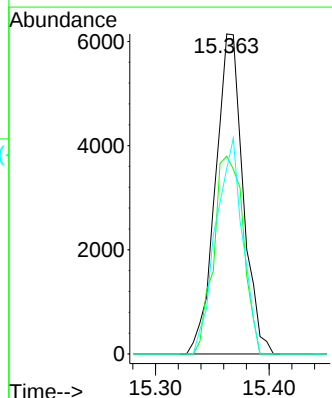
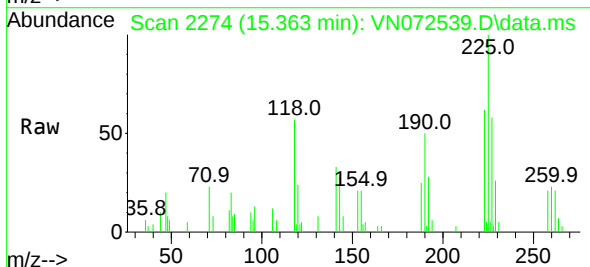
Tgt Ion:225 Resp: 10386

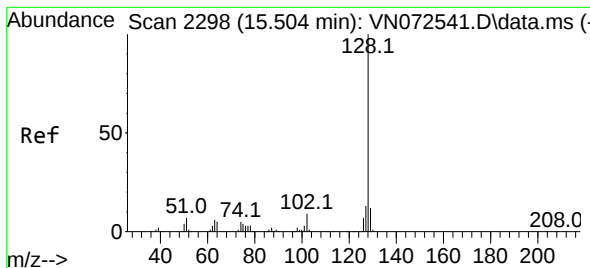
Ion Ratio Lower Upper

225 100

223 65.9 32.4 97.2

227 65.1 31.8 95.4





#95

Naphthalene

Concen: 9.673 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

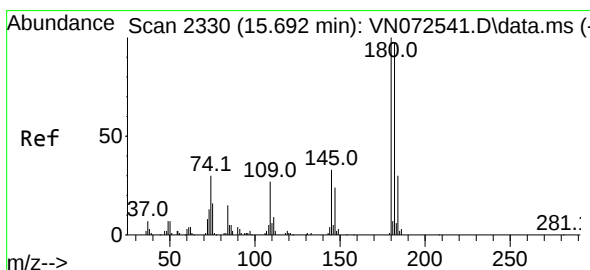
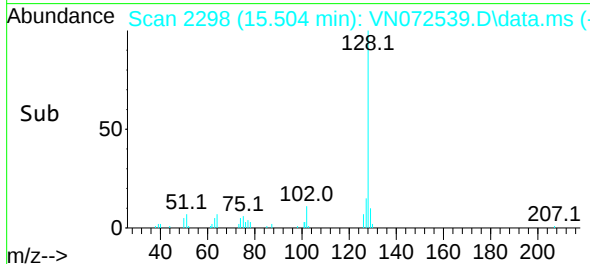
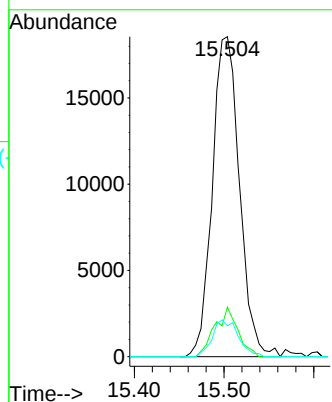
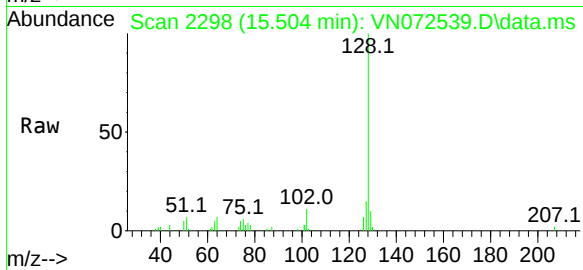
Tgt Ion:128 Resp: 38901

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.678 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. 0.000 min

Lab File: VN072539.D

Acq: 18 May 2022 13:54

Tgt Ion:180 Resp: 14953

Ion Ratio Lower Upper

180 100

182 94.2 47.8 143.3

145 36.5 15.5 46.5

