

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072549.D
 Acq On : 19 May 2022 11:39
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 20 06:50:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	180042	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	267086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	249571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	115069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	140931	50.380	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.760%	
35) Dibromofluoromethane	8.016	113	95547	53.019	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.040%	
50) Toluene-d8	10.439	98	351122	51.474	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.727	95	130497	50.363	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	99680	48.364	ug/l	100
3) Chloromethane	2.299	50	85395	45.831	ug/l	97
4) Vinyl Chloride	2.446	62	85381	56.146	ug/l	99
5) Bromomethane	2.822	94	66778	46.783	ug/l	98
6) Chloroethane	2.999	64	60778	47.827	ug/l	97
7) Trichlorofluoromethane	3.363	101	187429	53.398	ug/l	97
8) Diethyl Ether	3.828	74	55728	53.464	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	87253	52.207	ug/l	94
10) Methyl Iodide	4.422	142	122282	57.281	ug/l	# 84
11) Tert butyl alcohol	5.369	59	73084	285.604	ug/l	99
12) 1,1-Dichloroethene	4.181	96	78122	53.173	ug/l	88
13) Acrolein	4.034	56	87055	245.179	ug/l	97
14) Allyl chloride	4.834	41	137666	55.088	ug/l	89
15) Acrylonitrile	5.545	53	248679	251.649	ug/l	98
16) Acetone	4.281	43	214409	252.857	ug/l	98
17) Carbon Disulfide	4.528	76	197372	51.875	ug/l	98
18) Methyl Acetate	4.846	43	117501	49.986	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	334588	55.146	ug/l	97
20) Methylene Chloride	5.098	84	93702	46.545	ug/l	98
21) trans-1,2-Dichloroethene	5.593	96	86502	52.538	ug/l	94
22) Diisopropyl ether	6.487	45	293441	53.326	ug/l	94
23) Vinyl Acetate	6.428	43	1306145	274.534	ug/l	95
24) 1,1-Dichloroethane	6.381	63	176461	52.727	ug/l	98
25) 2-Butanone	7.328	43	328053	246.051	ug/l	93
26) 2,2-Dichloropropane	7.322	77	166372	53.589	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	104355	51.466	ug/l	90
28) Bromochloromethane	7.651	49	68720	50.232	ug/l	95
29) Tetrahydrofuran	7.681	42	212875	263.835	ug/l	95
30) Chloroform	7.816	83	199202	52.009	ug/l	95
31) Cyclohexane	8.086	56	151108	48.598	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	194398	55.004	ug/l	98
36) 1,1-Dichloropropene	8.216	75	134729	54.916	ug/l	98
37) Ethyl Acetate	7.404	43	137700	51.075	ug/l	98
38) Carbon Tetrachloride	8.204	117	171567	56.500	ug/l	93
39) Methylcyclohexane	9.457	83	155889	54.444	ug/l	99
40) Benzene	8.457	78	384586	53.648	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	78818	60.941	ug/l #	87
42) 1,2-Dichloroethane	8.522	62	179960	54.099	ug/l	93
43) Isopropyl Acetate	8.551	43	231611	53.422	ug/l	97
44) Trichloroethene	9.210	130	106379	54.584	ug/l	96
45) 1,2-Dichloropropane	9.481	63	94960	53.888	ug/l	94
46) Dibromomethane	9.569	93	74217	55.710	ug/l	94
47) Bromodichloromethane	9.757	83	158133	56.956	ug/l	98
48) Methyl methacrylate	9.557	41	116296	56.336	ug/l	87
49) 1,4-Dioxane	9.563	88	24482	1362.274	ug/l #	91
51) 4-Methyl-2-Pentanone	10.328	43	701135	245.082	ug/l	94
52) Toluene	10.498	92	254004	54.647	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	165270	55.437	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	170321	57.868	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	102648	50.815	ug/l	95
56) Ethyl methacrylate	10.757	69	157059	51.923	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	175477	51.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	192625	260.833	ug/l	99
59) 2-Hexanone	11.080	43	491594	247.225	ug/l	92
60) Dibromochloromethane	11.233	129	124732	54.042	ug/l	100
61) 1,2-Dibromoethane	11.339	107	108011	51.560	ug/l	100
64) Tetrachloroethene	10.975	164	100411	57.977	ug/l	94
65) Chlorobenzene	11.763	112	271612	53.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	117296	57.120	ug/l	95
67) Ethyl Benzene	11.839	91	514769	58.152	ug/l	99
68) m/p-Xylenes	11.951	106	390004	114.439	ug/l	91
69) o-Xylene	12.274	106	189122	54.475	ug/l	91
70) Styrene	12.292	104	311459	58.269	ug/l	96
71) Bromoform	12.451	173	92641	58.622	ug/l #	100
73) Isopropylbenzene	12.574	105	516084	54.248	ug/l	98
74) N-amyl acetate	12.380	43	156733	49.460	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	143989	49.962	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	191339	55.044	ug/l	53
77) Bromobenzene	12.857	156	120852	49.592	ug/l	99
78) n-propylbenzene	12.916	91	580714	55.812	ug/l	98
79) 2-Chlorotoluene	13.004	91	363033	52.084	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	449295	54.456	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	46062	55.242	ug/l	88
82) 4-Chlorotoluene	13.098	91	348877	53.732	ug/l	95
83) tert-Butylbenzene	13.321	119	395048	56.375	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	435696	55.053	ug/l	96
85) sec-Butylbenzene	13.498	105	519756	57.113	ug/l	100
86) p-Isopropyltoluene	13.610	119	443115	59.208	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	214208	53.665	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	210992	54.345	ug/l	98
89) n-Butylbenzene	13.939	91	322068	56.850	ug/l	98
90) Hexachloroethane	14.210	117	72498	54.145	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	210915	52.685	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33173	54.405	ug/l	83
93) 1,2,4-Trichlorobenzene	15.257	180	93793	53.617	ug/l	98
94) Hexachlorobutadiene	15.363	225	58331	53.093	ug/l	99
95) Naphthalene	15.498	128	266530	52.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	93565	51.857	ug/l	97

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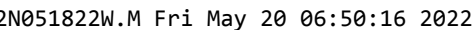
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

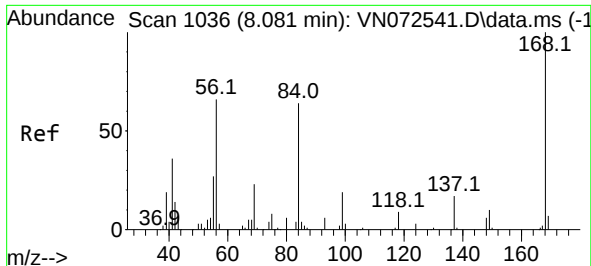
Quant Time: May 20 06:50:07 2022
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Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

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

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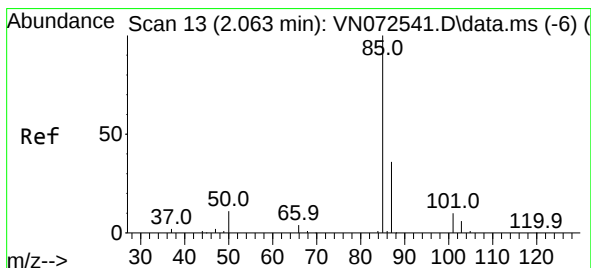
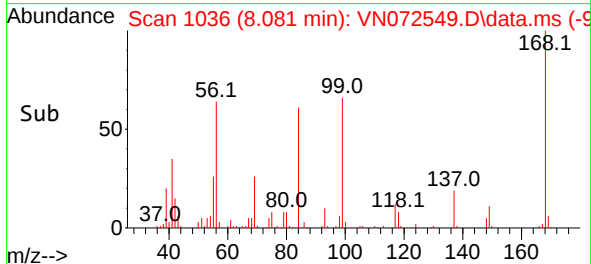
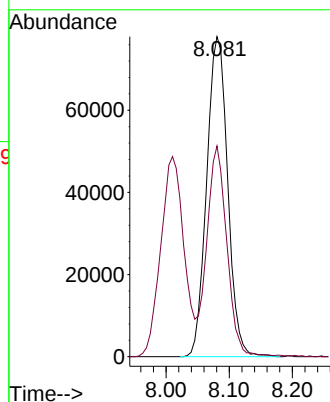
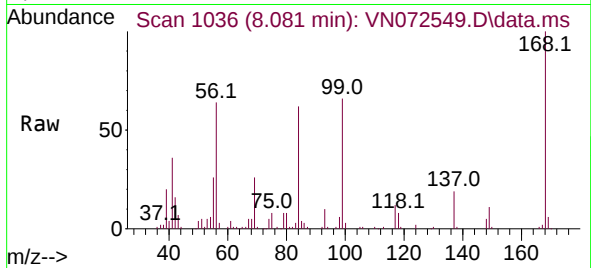




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072549.D
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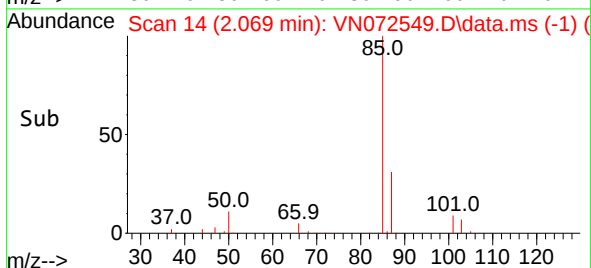
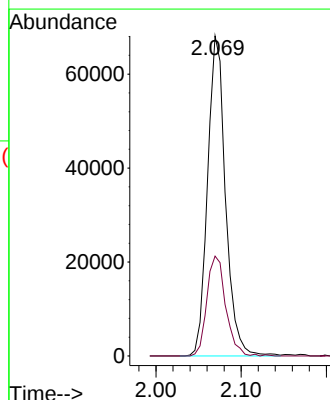
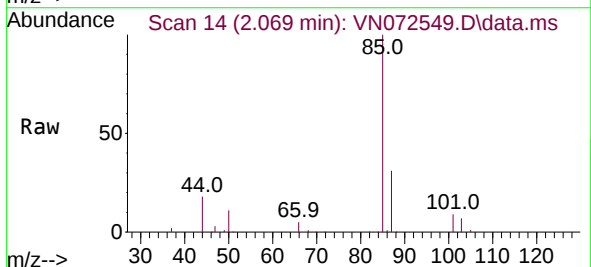
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

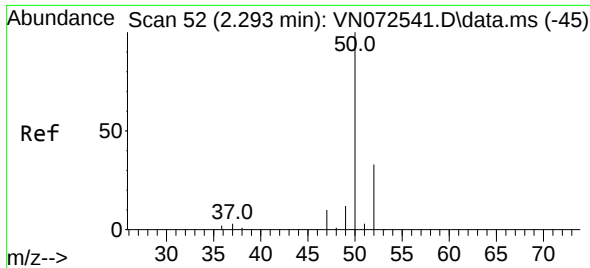
Tgt Ion:168 Resp: 180042
Ion Ratio Lower Upper
168 100
99 65.4 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 48.364 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 85 Resp: 99680
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.1

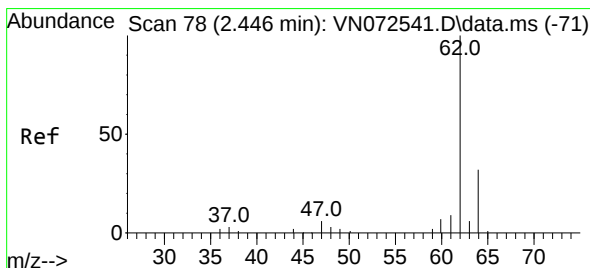
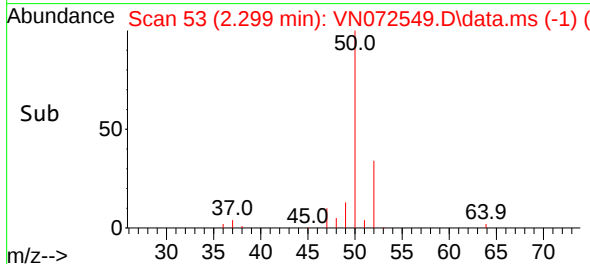
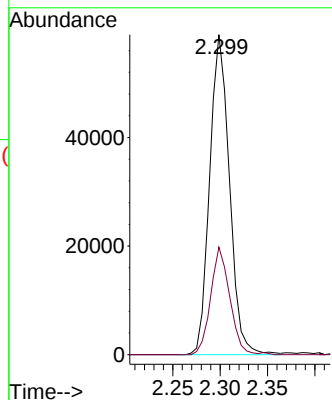
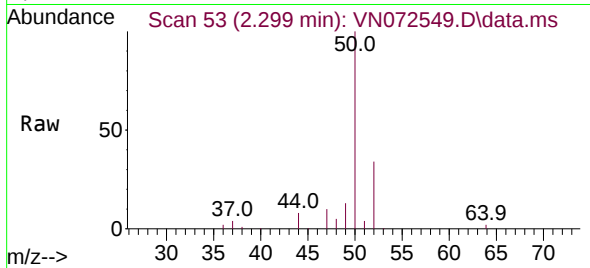




#3
Chloromethane
Concen: 45.831 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

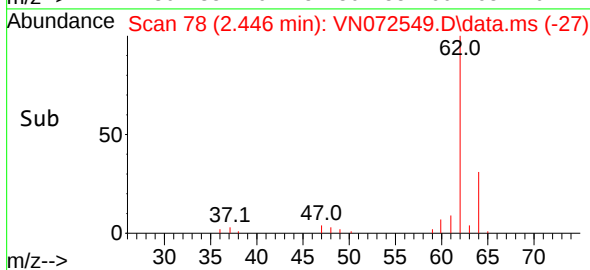
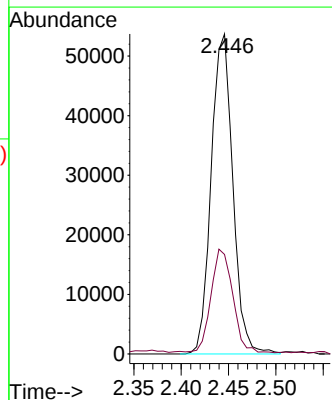
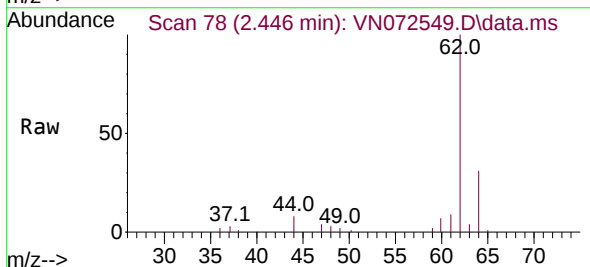
Instrument :
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ClientSampleId :
VSTDCCC050

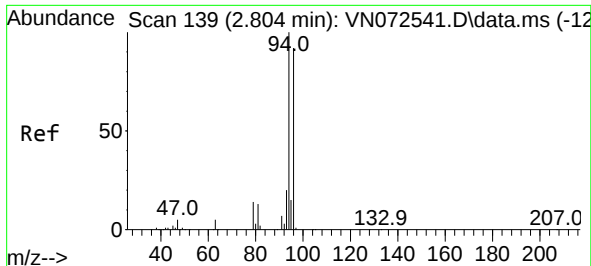
Tgt Ion: 50 Resp: 85395
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5



#4
Vinyl Chloride
Concen: 56.146 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 62 Resp: 85381
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4

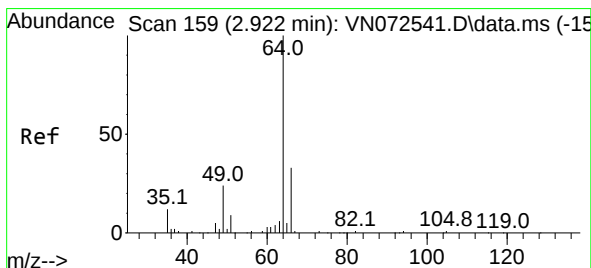
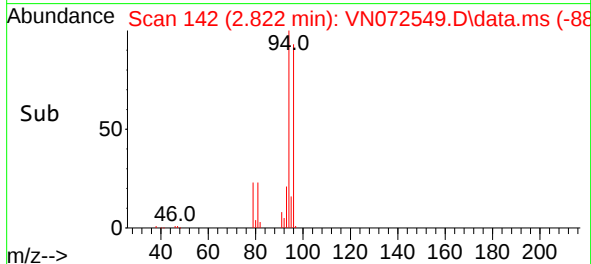
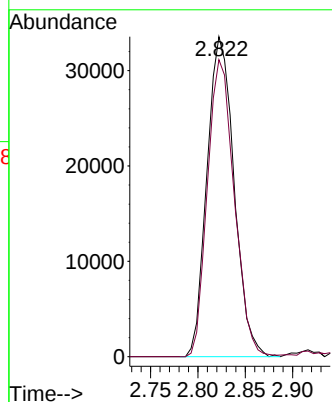
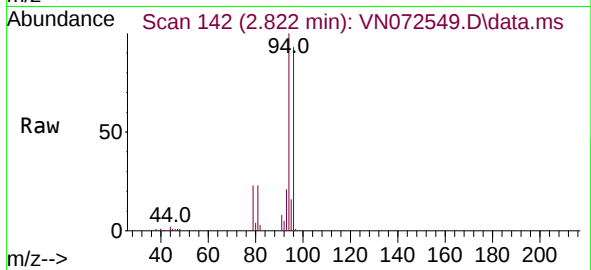




#5
Bromomethane
Concen: 46.783 ug/l
RT: 2.822 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

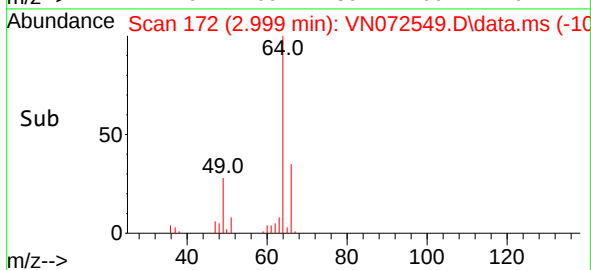
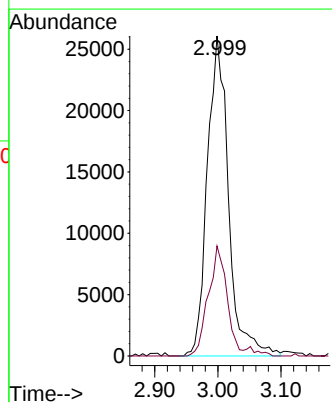
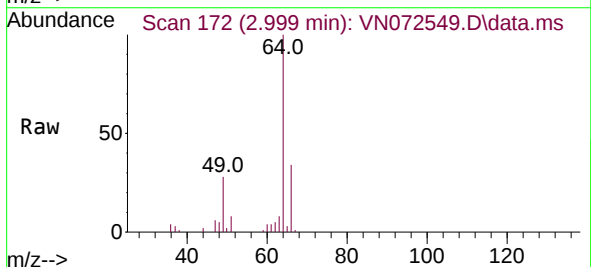
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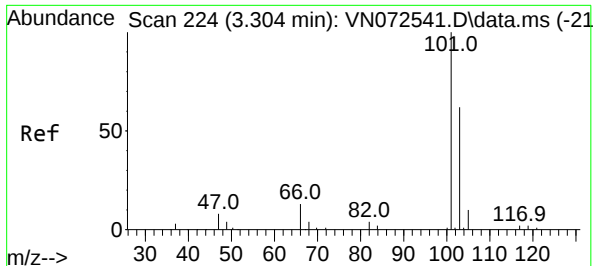
Tgt Ion: 94 Resp: 66778
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0



#6
Chloroethane
Concen: 47.827 ug/l
RT: 2.999 min Scan# 172
Delta R.T. 0.077 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 64 Resp: 60778
Ion Ratio Lower Upper
64 100
66 34.3 26.2 39.4

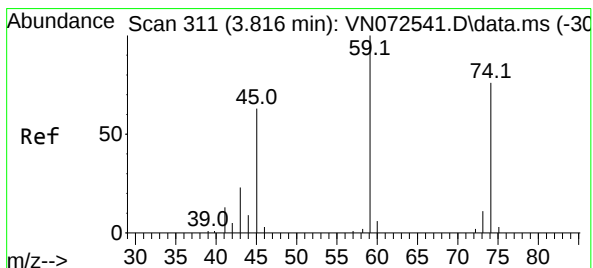
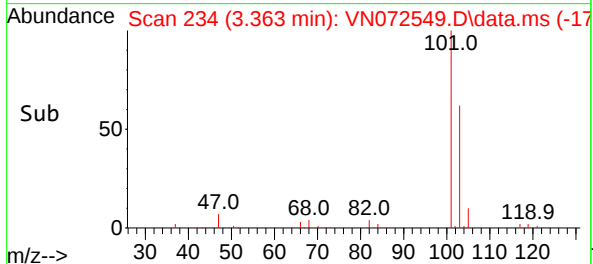
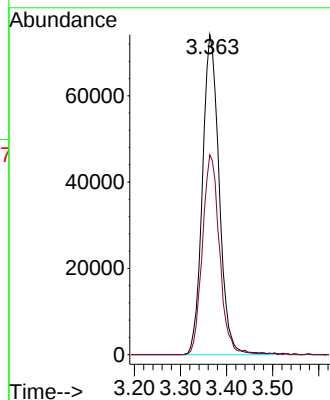
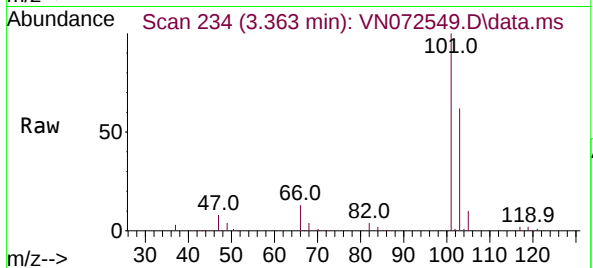




#7
 Trichlorofluoromethane
 Concen: 53.398 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

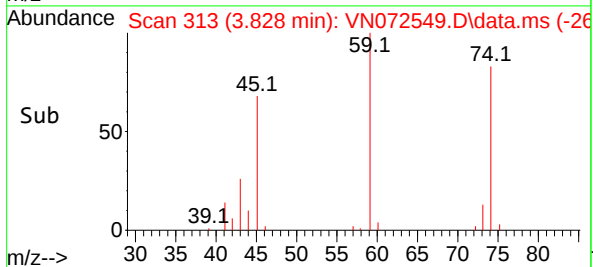
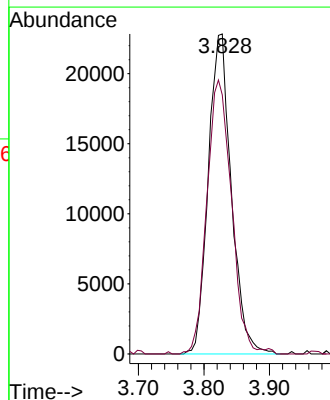
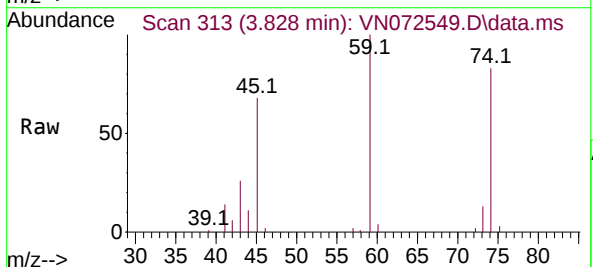
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

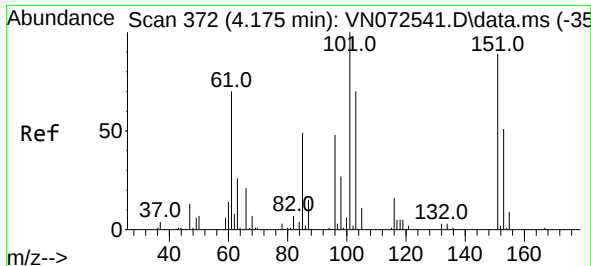
Tgt Ion:101 Resp: 187429
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 53.464 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.012 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

Tgt Ion: 74 Resp: 55728
 Ion Ratio Lower Upper
 74 100
 45 91.8 42.9 128.5

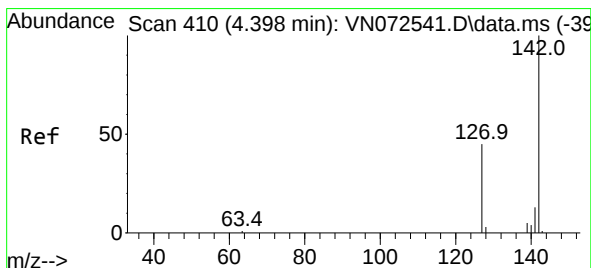
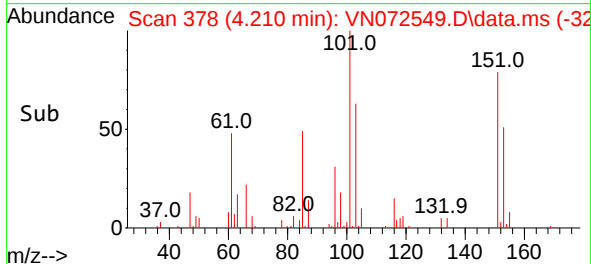
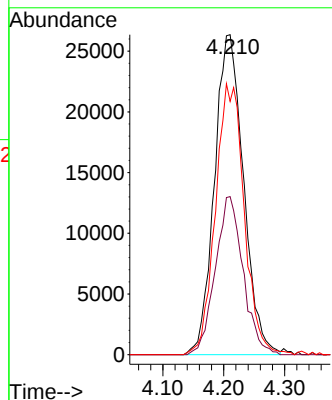
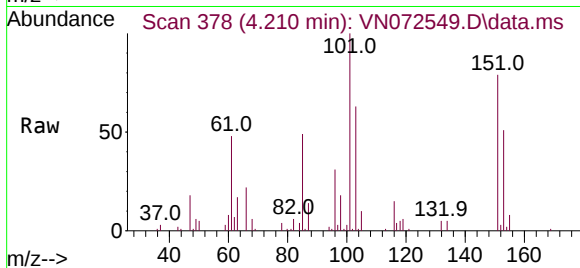




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.207 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.035 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

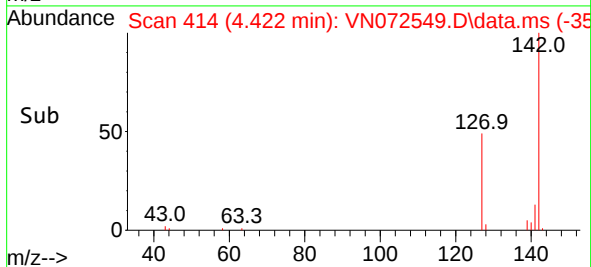
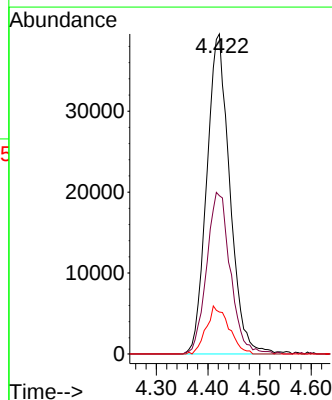
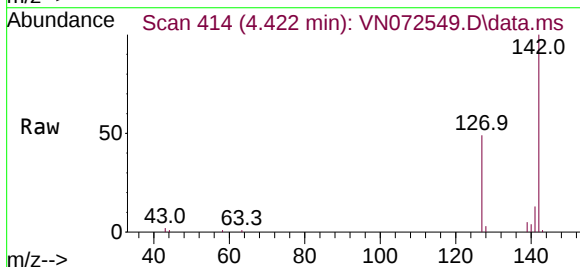
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

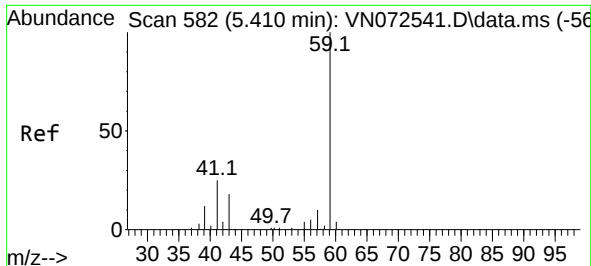
Tgt Ion:101 Resp: 87253
Ion Ratio Lower Upper
101 100
85 47.3 34.7 52.1
151 83.8 63.0 94.4



#10
Methyl Iodide
Concen: 57.281 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.024 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:142 Resp: 122282
Ion Ratio Lower Upper
142 100
127 52.0 31.3 46.9#
141 14.7 11.2 16.8

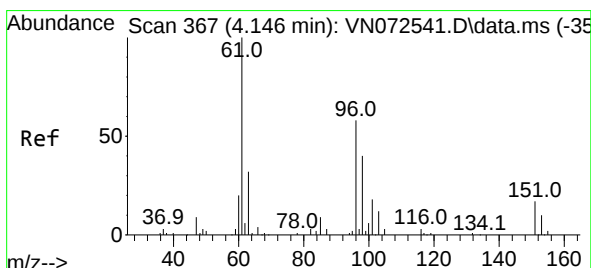
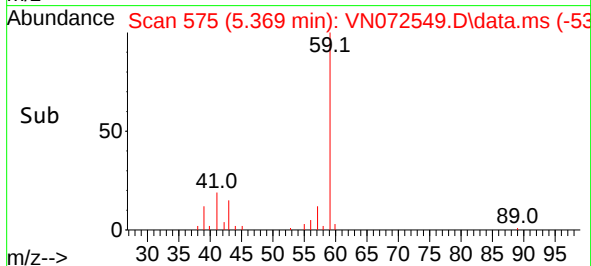
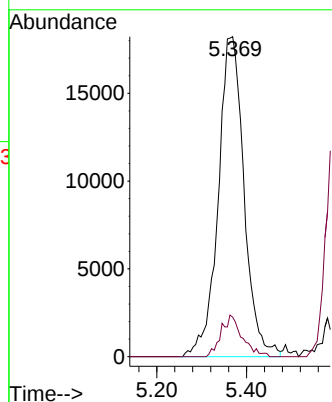
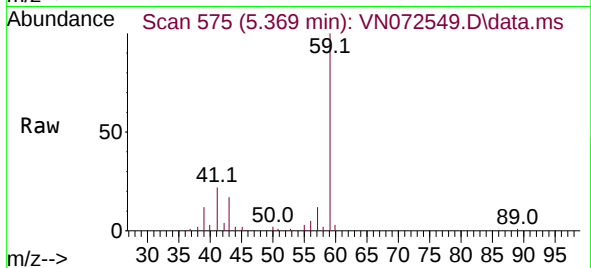




#11
Tert butyl alcohol
Concen: 285.604 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

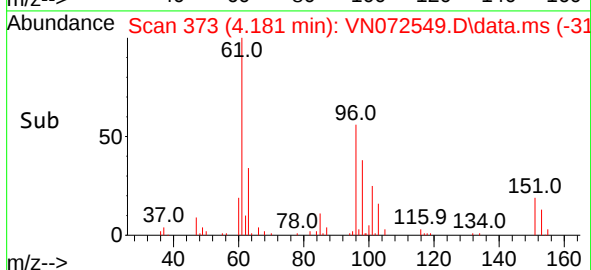
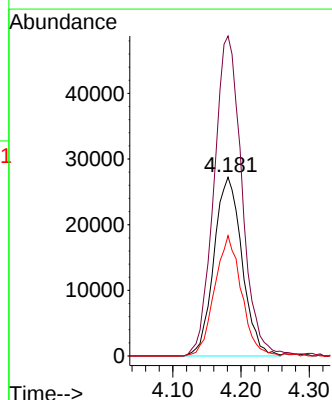
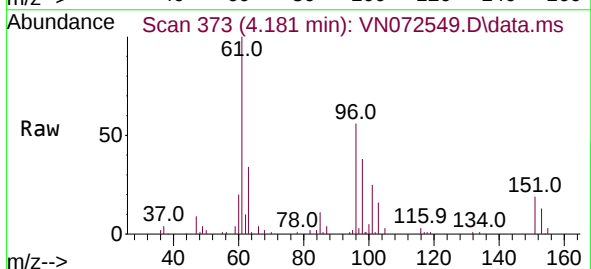
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

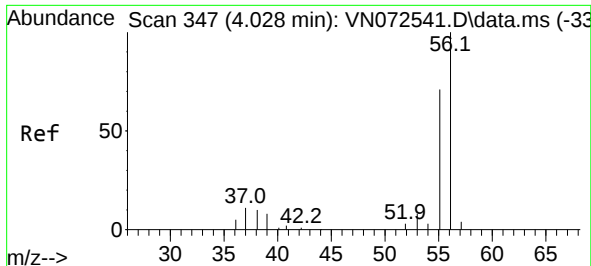
Tgt Ion: 59 Resp: 73084
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.173 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.035 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 96 Resp: 78122
Ion Ratio Lower Upper
96 100
61 179.0 127.6 191.4
98 67.3 51.2 76.8

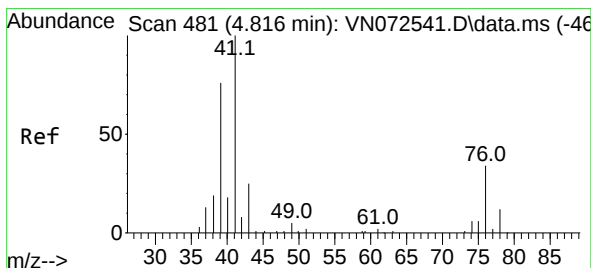
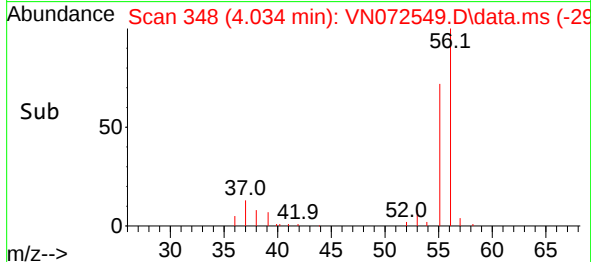
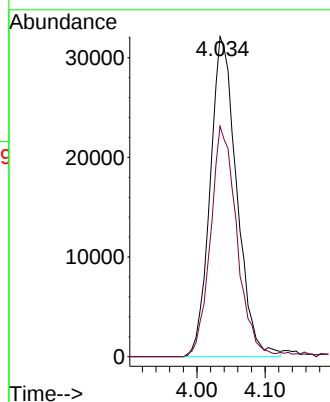
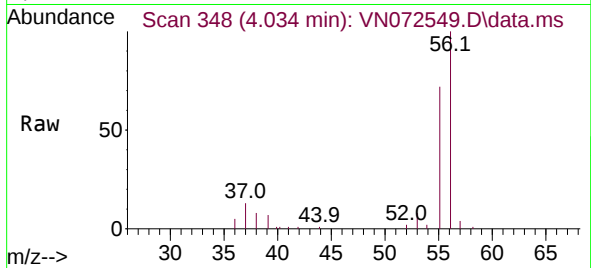




#13
Acrolein
Concen: 245.179 ug/l
RT: 4.034 min Scan# 34
Delta R.T. 0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

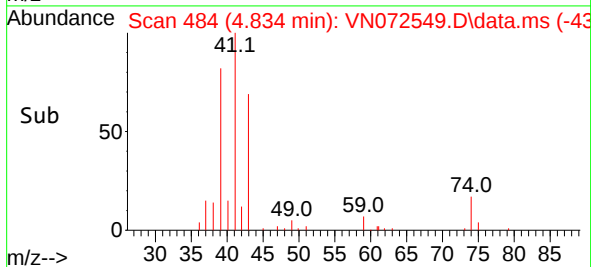
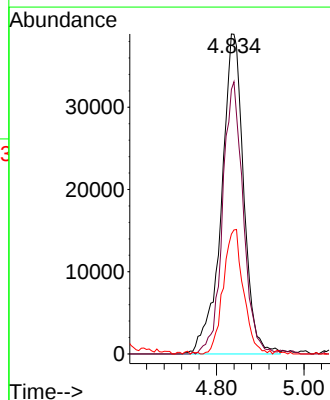
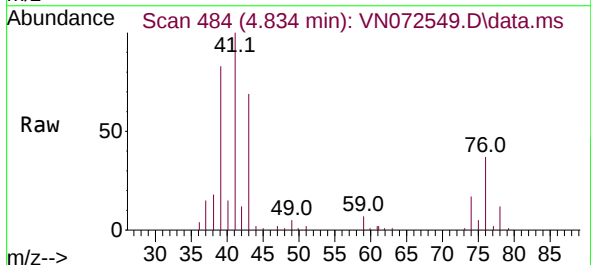
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

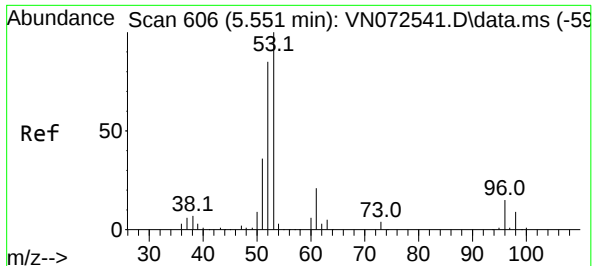
Tgt Ion: 56 Resp: 87055
Ion Ratio Lower Upper
56 100
55 71.3 54.8 82.2



#14
Allyl chloride
Concen: 55.088 ug/l
RT: 4.834 min Scan# 484
Delta R.T. 0.018 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 41 Resp: 137666
Ion Ratio Lower Upper
41 100
39 78.5 53.2 79.8
76 35.2 29.9 44.9

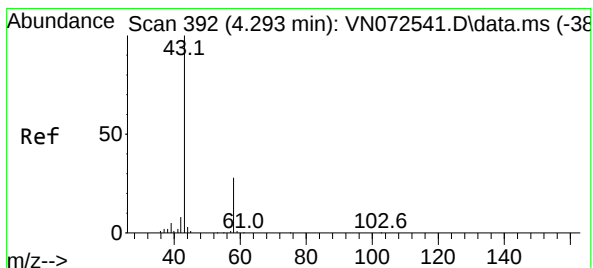
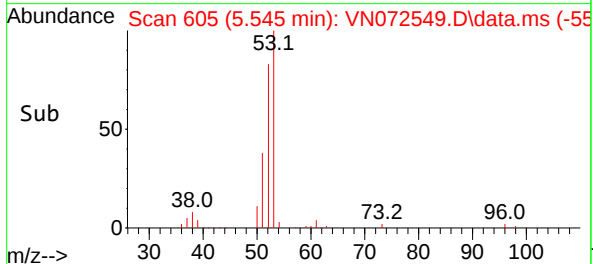
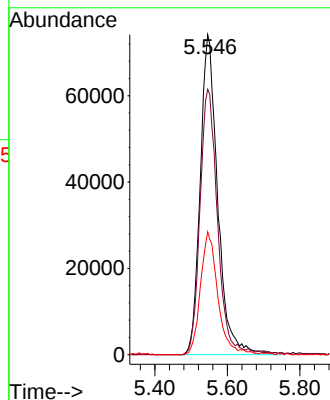
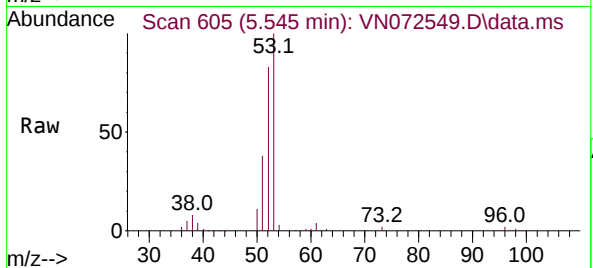




#15
Acrylonitrile
Concen: 251.649 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

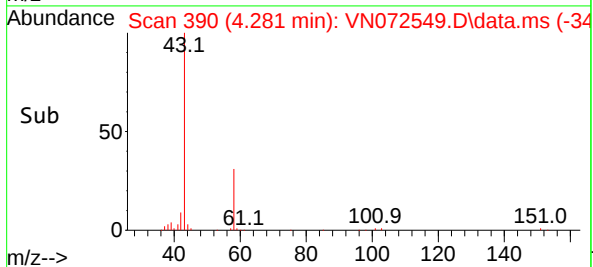
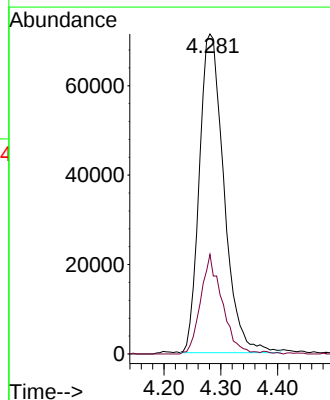
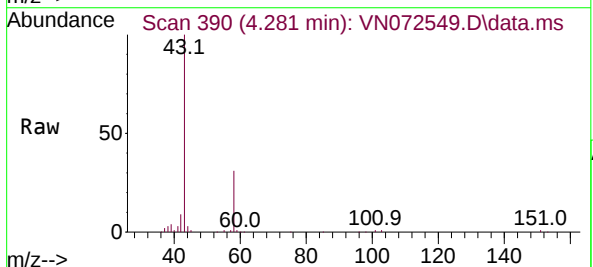
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

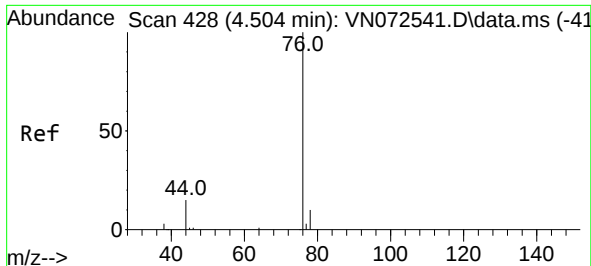
Tgt Ion: 53 Resp: 248679
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 38.1 28.5 42.7



#16
Acetone
Concen: 252.857 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 43 Resp: 214409
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





#17

Carbon Disulfide

Concen: 51.875 ug/l

RT: 4.528 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

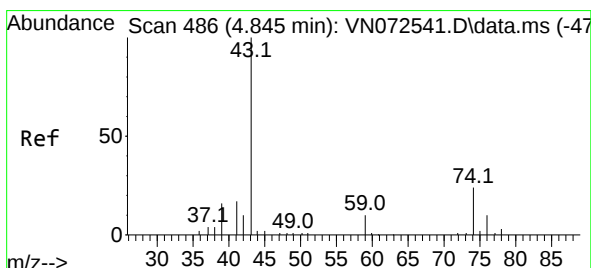
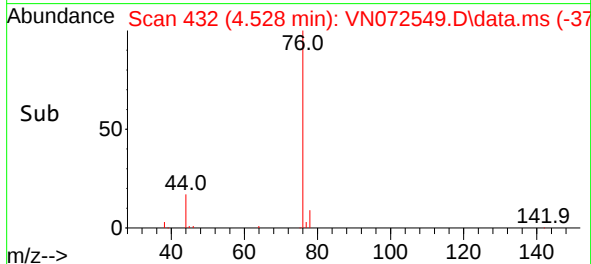
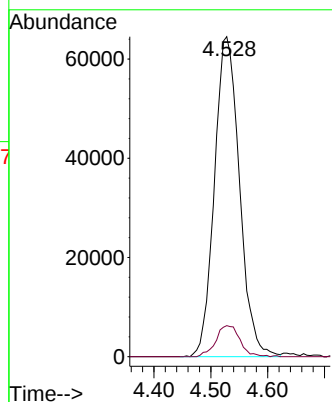
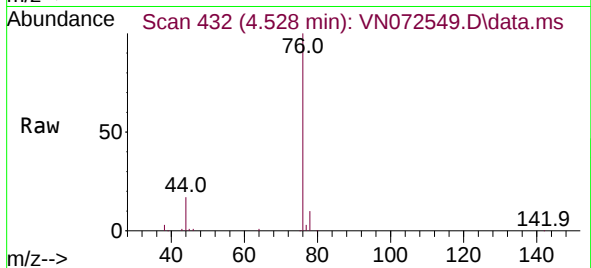
VSTDCCC050

Tgt Ion: 76 Resp: 197372

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8



#18

Methyl Acetate

Concen: 49.986 ug/l

RT: 4.846 min Scan# 486

Delta R.T. 0.001 min

Lab File: VN072549.D

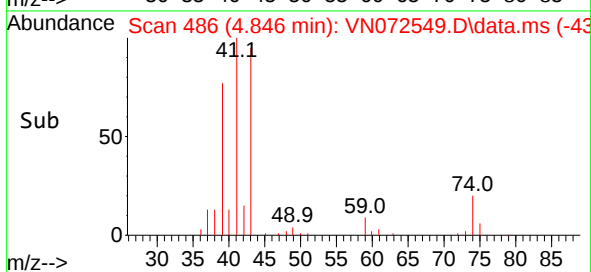
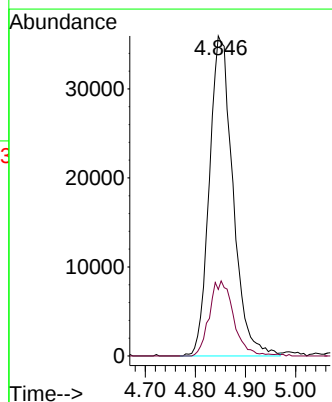
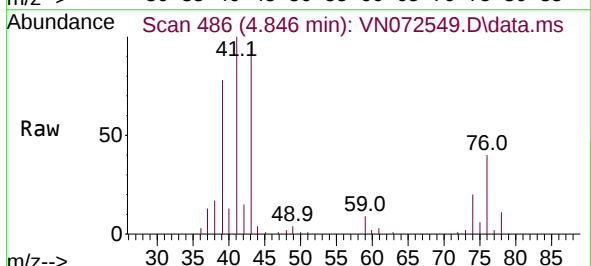
Acq: 19 May 2022 11:39

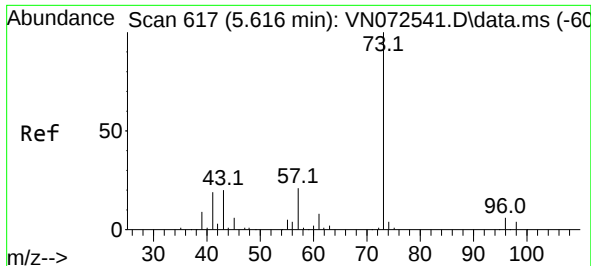
Tgt Ion: 43 Resp: 117501

Ion Ratio Lower Upper

43 100

74 24.1 21.6 32.4

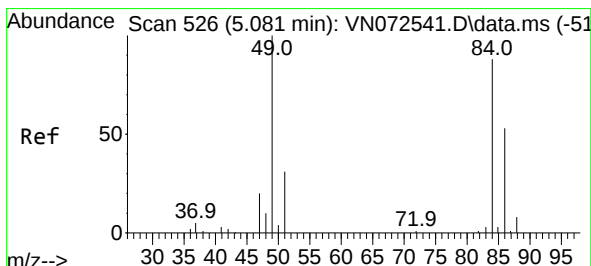
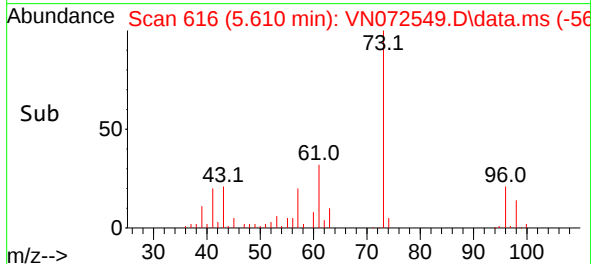
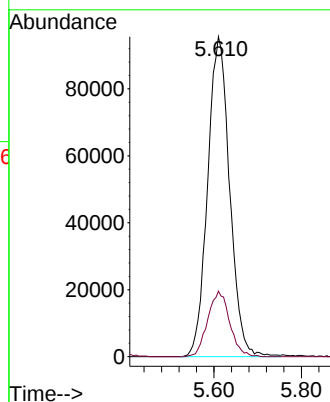
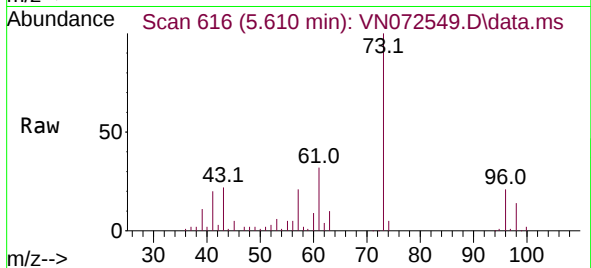




#19
Methyl tert-butyl Ether
Concen: 55.146 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

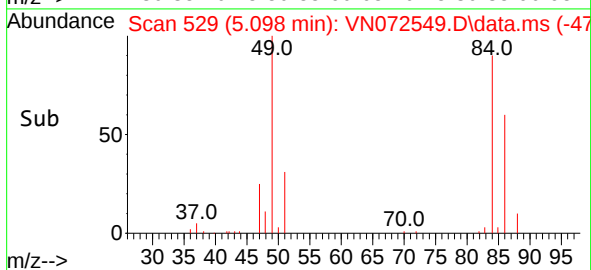
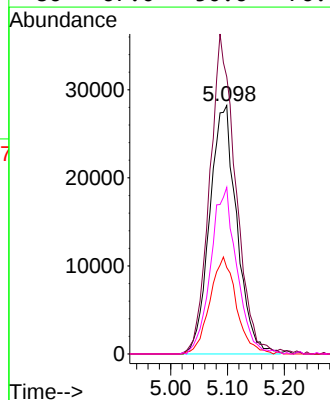
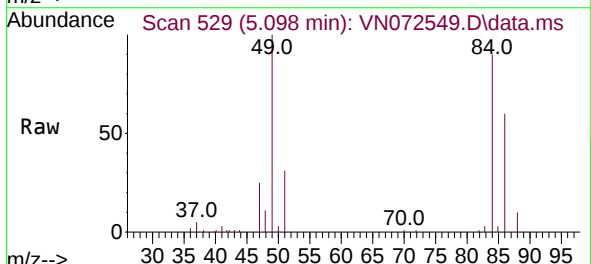
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

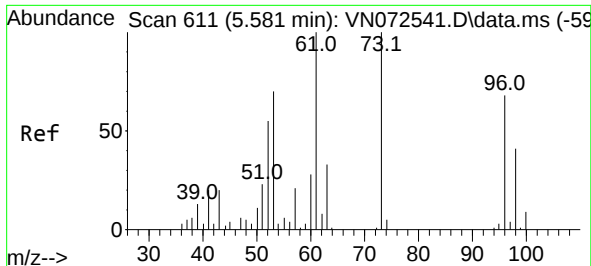
Tgt Ion: 73 Resp: 334588
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4



#20
Methylene Chloride
Concen: 46.545 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.017 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 84 Resp: 93702
Ion Ratio Lower Upper
84 100
49 111.5 88.3 132.5
51 34.8 28.2 42.2
86 67.0 50.6 76.0

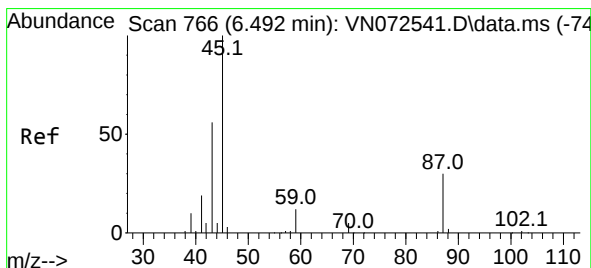
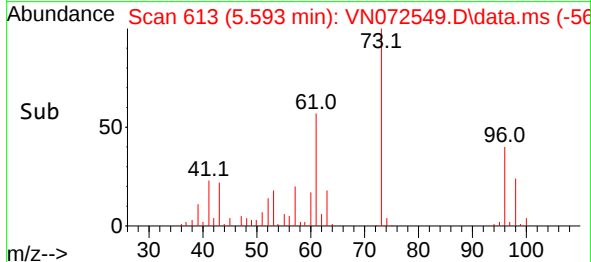
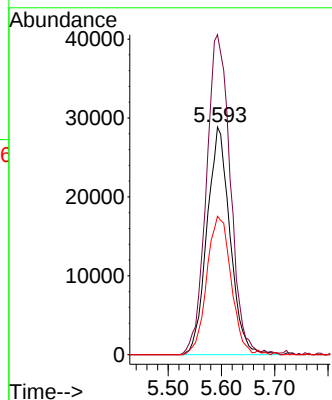
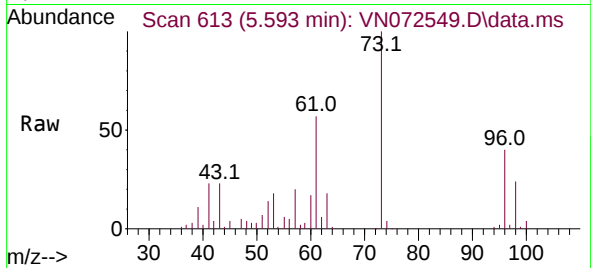




#21
trans-1,2-Dichloroethene
Concen: 52.538 ug/l
RT: 5.593 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

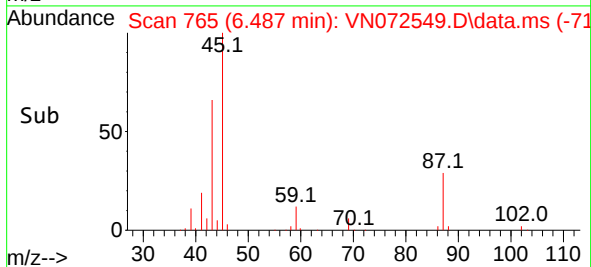
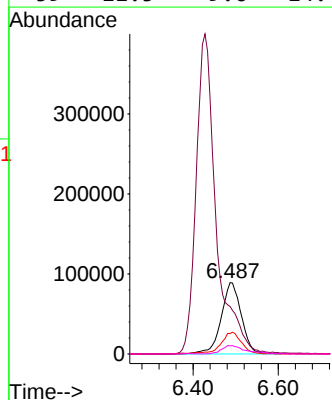
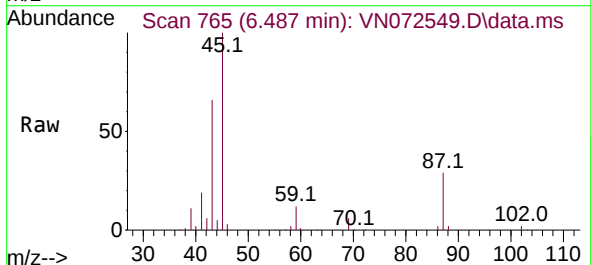
Instrument :
MSVOA_N
ClientSampleId :
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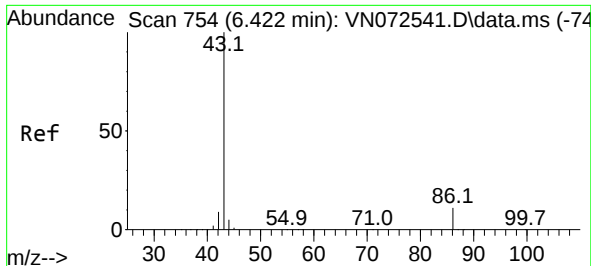
Tgt Ion: 96 Resp: 86502
Ion Ratio Lower Upper
96 100
61 140.6 105.8 158.8
98 60.8 50.3 75.5



#22
Diisopropyl ether
Concen: 53.326 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 45 Resp: 293441
Ion Ratio Lower Upper
45 100
43 65.0 46.6 70.0
87 28.6 24.3 36.5
59 11.5 9.6 14.4

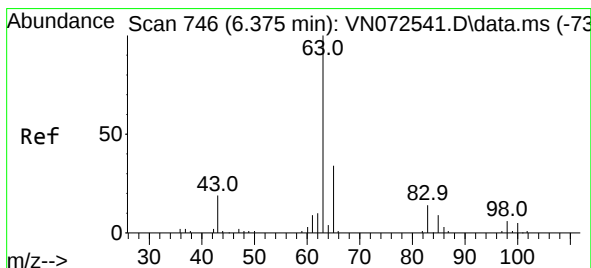
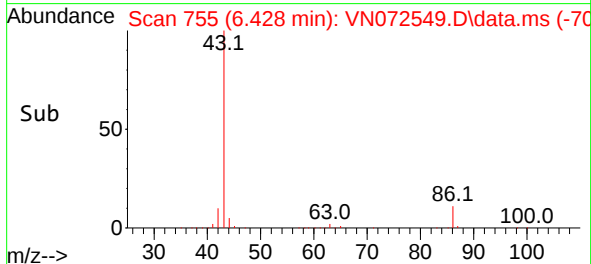
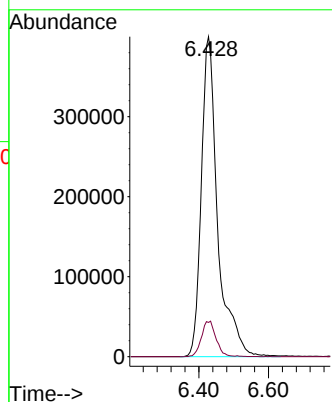
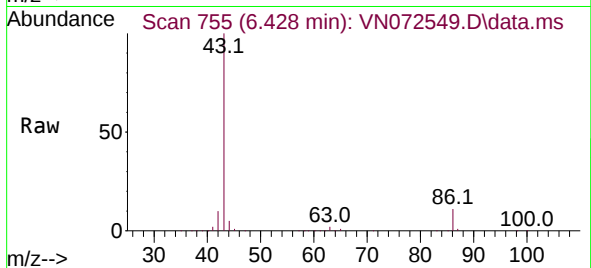




#23
 Vinyl Acetate
 Concen: 274.534 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.006 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

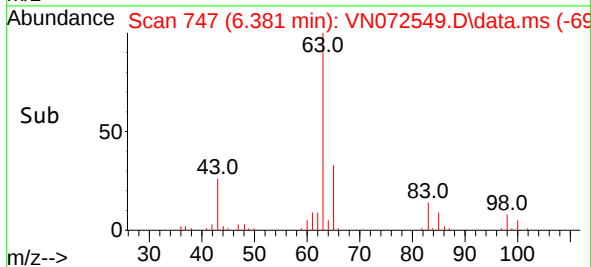
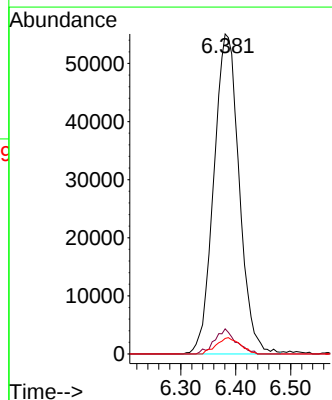
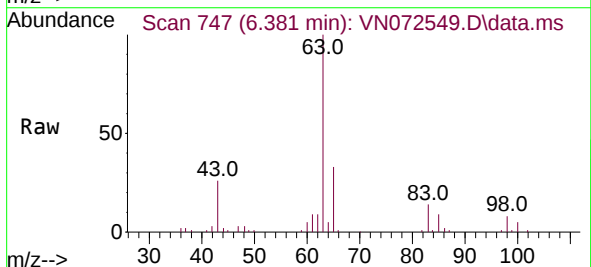
Instrument :
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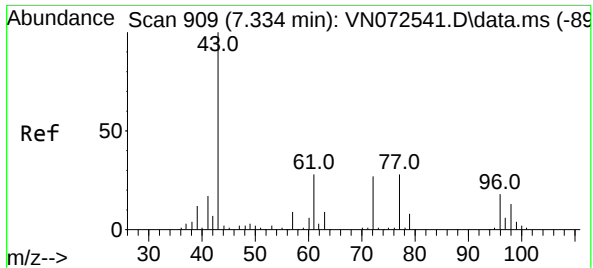
Tgt Ion: 43 Resp: 1306145
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 52.727 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.006 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

Tgt Ion: 63 Resp: 176461
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 4.9 2.3 6.8

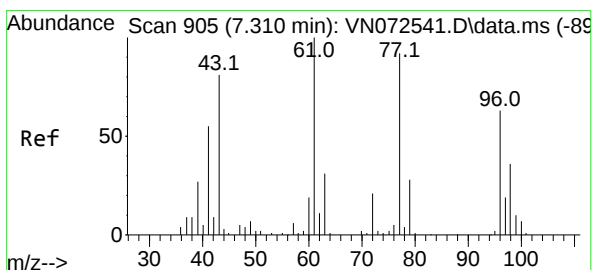
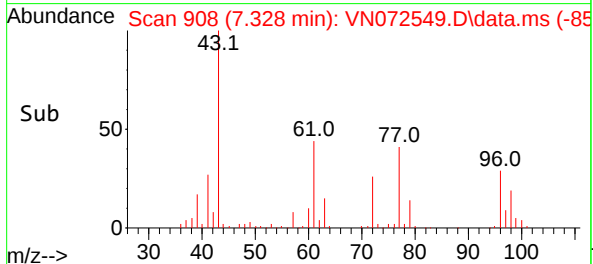
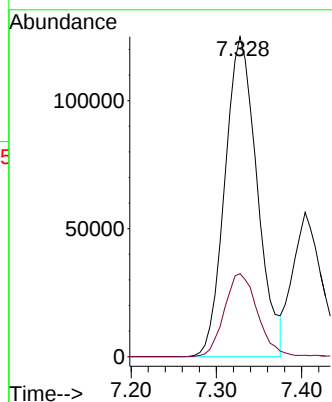
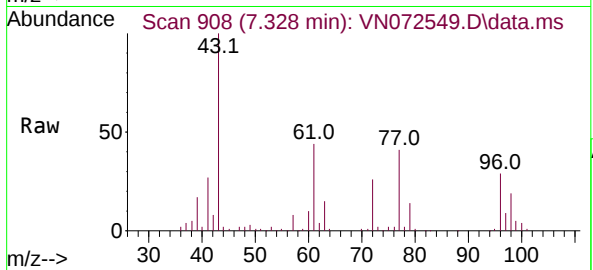




#25
2-Butanone
Concen: 246.051 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

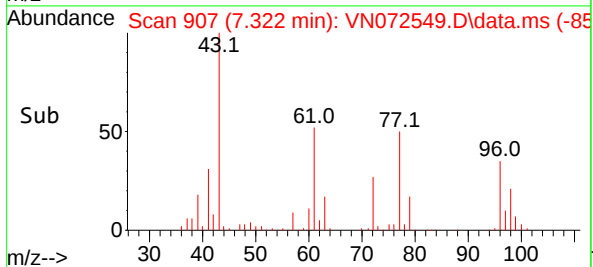
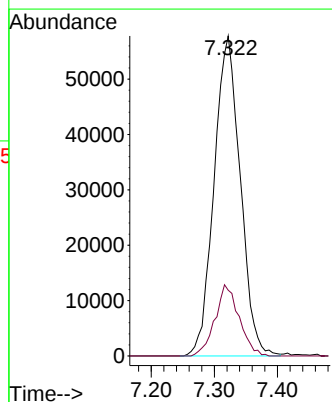
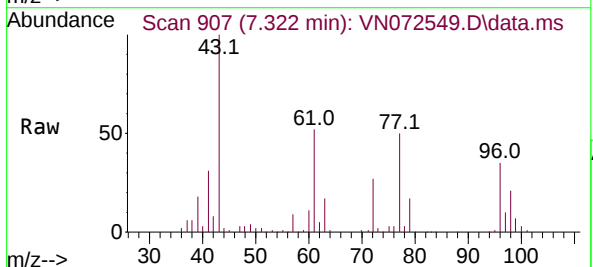
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ClientSampleId :
VSTDCCC050

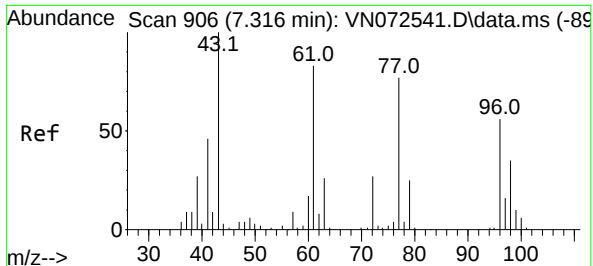
Tgt Ion: 43 Resp: 328053
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5



#26
2,2-Dichloropropane
Concen: 53.589 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.012 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 77 Resp: 166372
Ion Ratio Lower Upper
77 100
97 20.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.466 ug/l

RT: 7.322 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

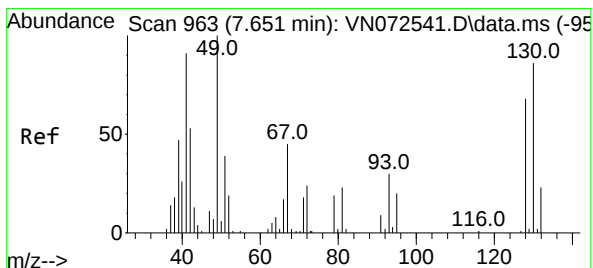
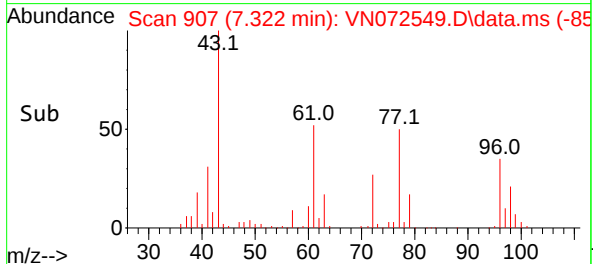
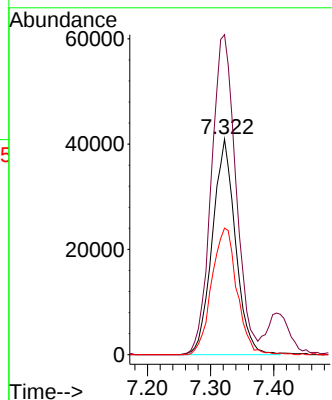
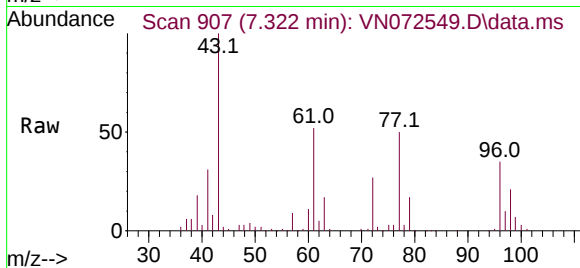
Tgt Ion: 96 Resp: 104355

Ion Ratio Lower Upper

96 100

61 157.7 0.0 280.6

98 63.9 0.0 128.4



#28

Bromochloromethane

Concen: 50.232 ug/l

RT: 7.651 min Scan# 963

Delta R.T. 0.000 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

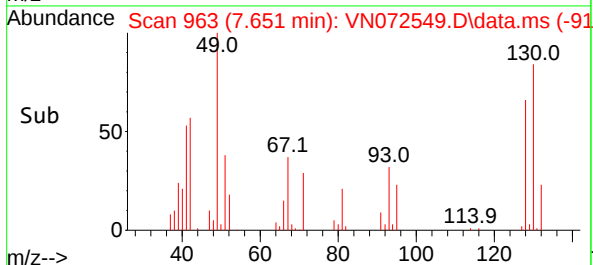
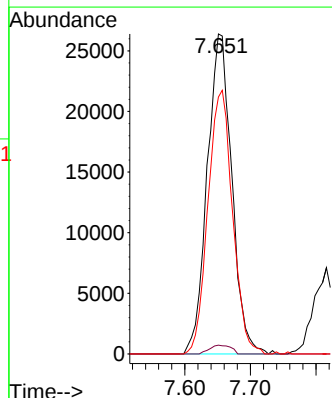
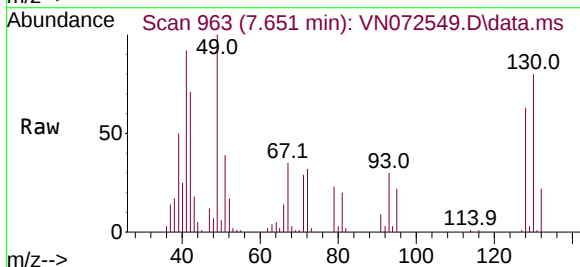
Tgt Ion: 49 Resp: 68720

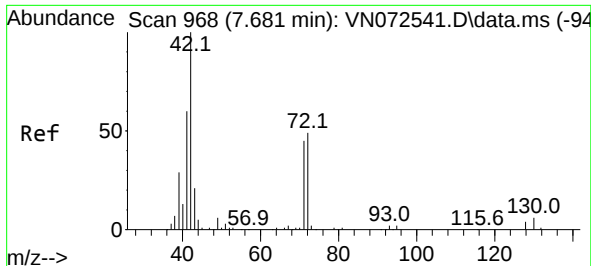
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 82.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 263.835 ug/l

RT: 7.681 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

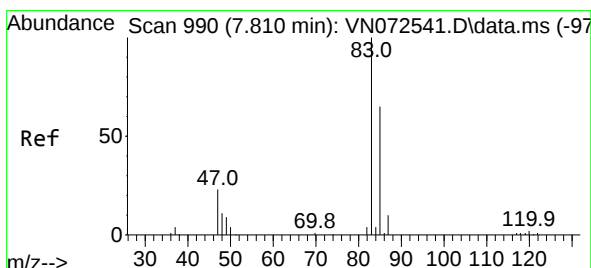
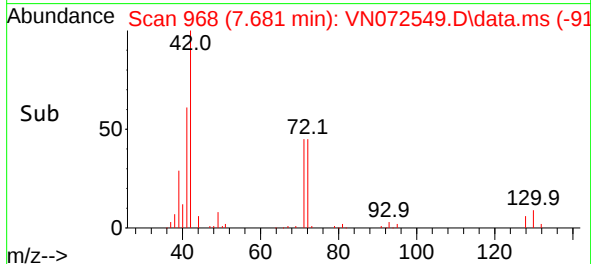
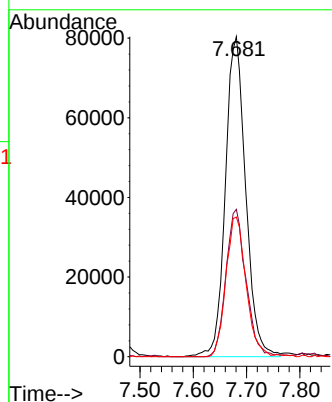
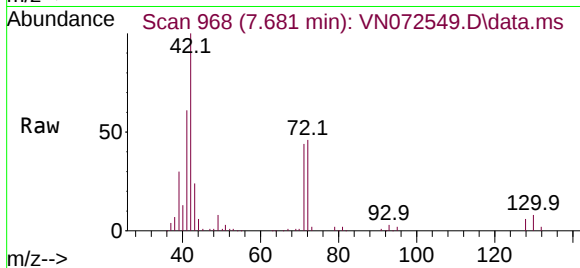
Tgt Ion: 42 Resp: 212875

Ion Ratio Lower Upper

42 100

72 45.5 39.7 59.5

71 43.3 36.6 55.0



#30

Chloroform

Concen: 52.009 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072549.D

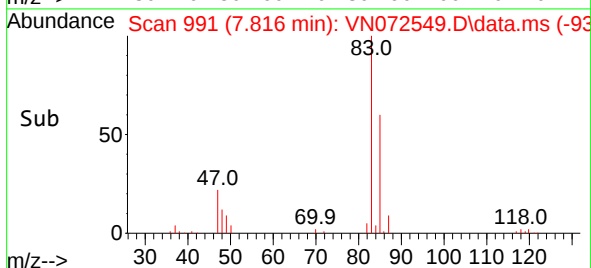
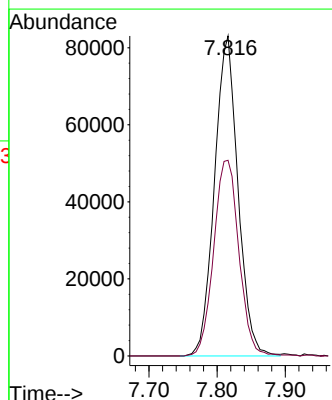
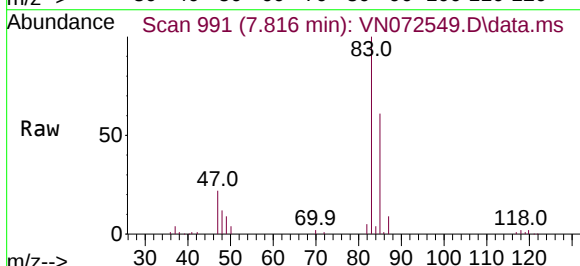
Acq: 19 May 2022 11:39

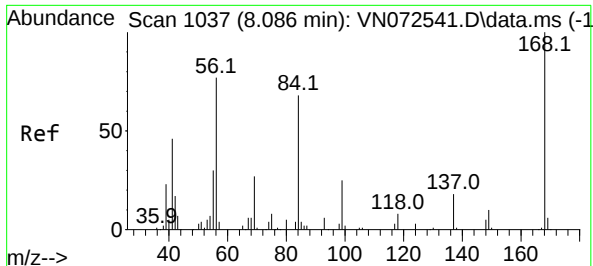
Tgt Ion: 83 Resp: 199202

Ion Ratio Lower Upper

83 100

85 61.1 51.8 77.8





#31

Cyclohexane

Concen: 48.598 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

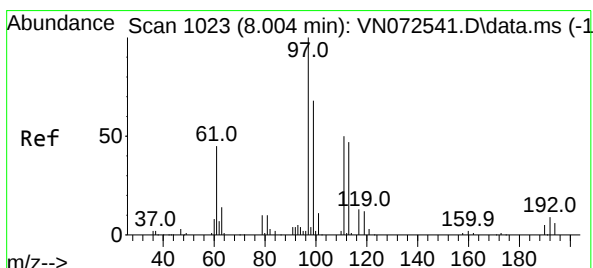
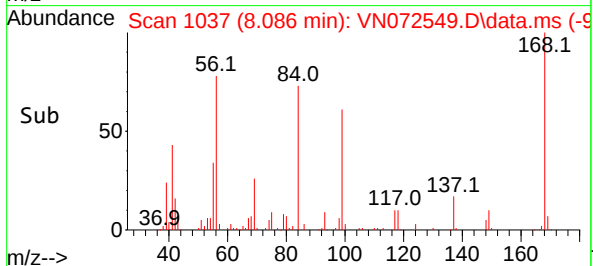
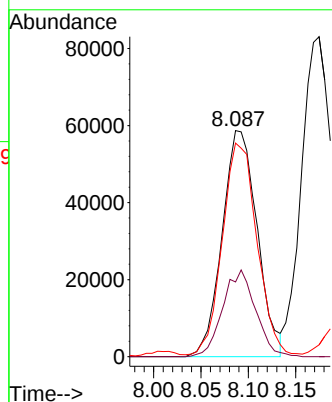
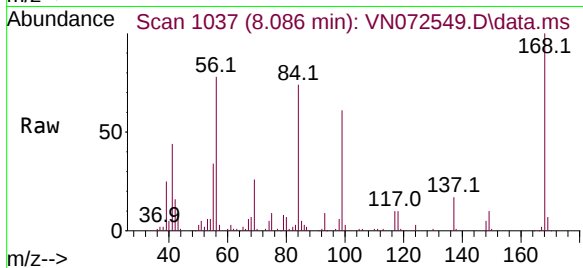
Tgt Ion: 56 Resp: 151108

Ion Ratio Lower Upper

56 100

69 32.6 27.8 41.8

84 93.6 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 55.004 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

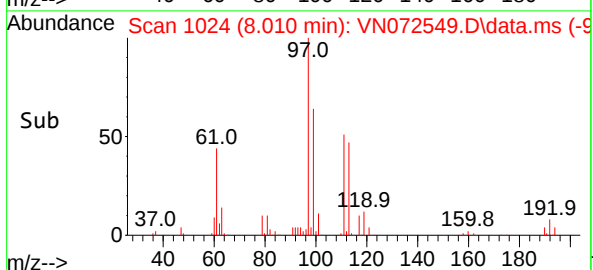
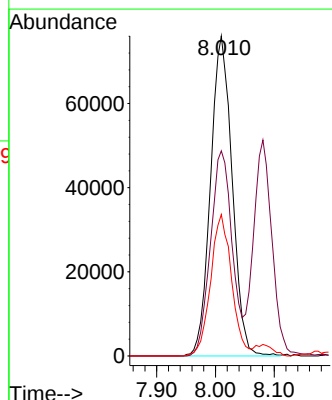
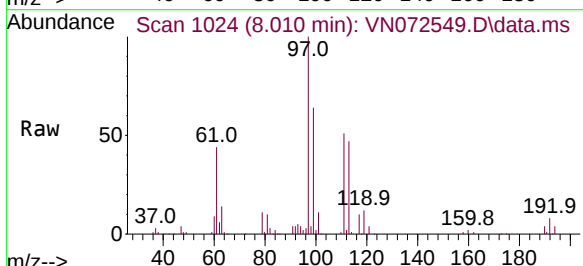
Tgt Ion: 97 Resp: 194398

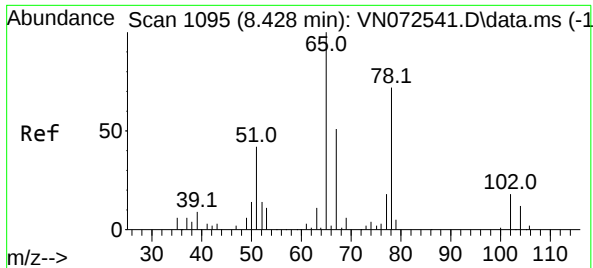
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 43.1 36.0 54.0

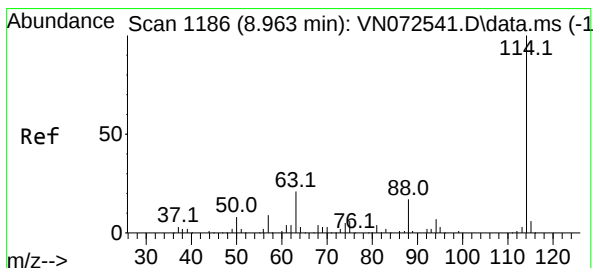
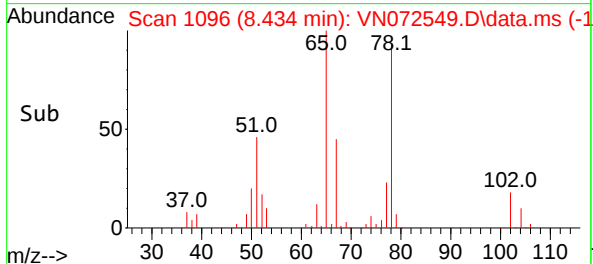
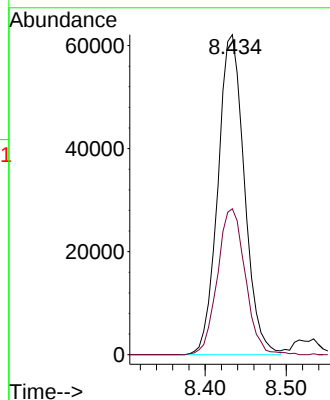
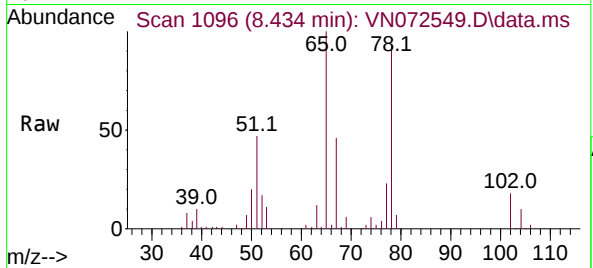




#33
 1,2-Dichloroethane-d4
 Concen: 50.380 ug/l
 RT: 8.434 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

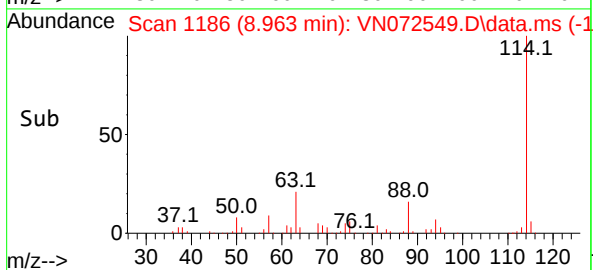
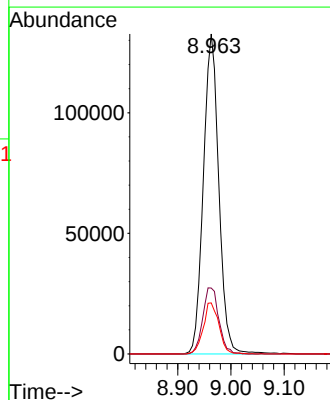
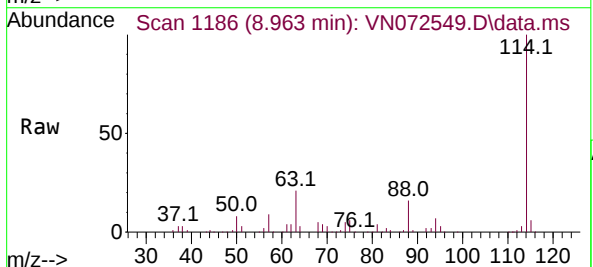
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

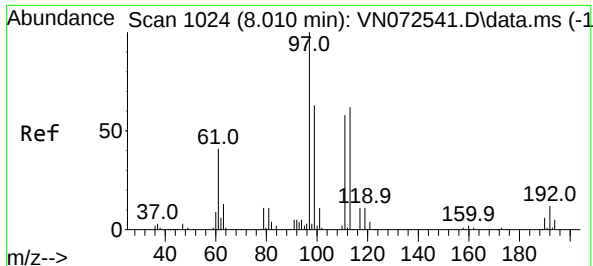
Tgt Ion: 65 Resp: 140931
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

Tgt Ion: 114 Resp: 267086
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 16.0 0.0 32.6

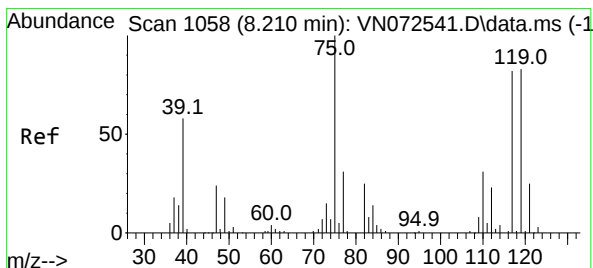
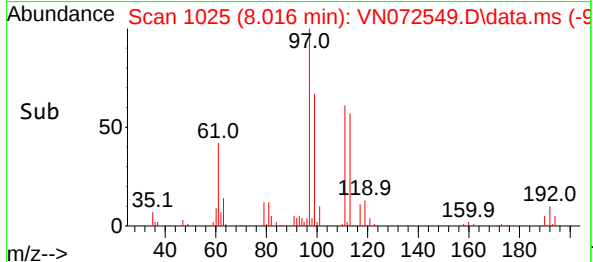
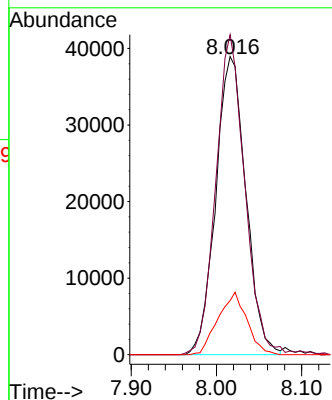
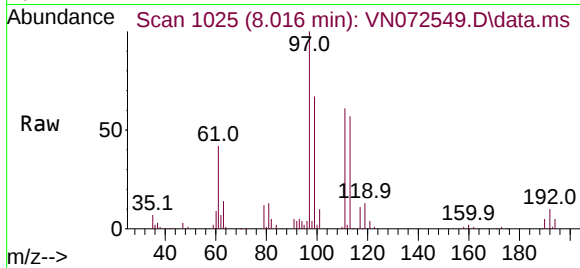




#35
Dibromofluoromethane
Concen: 53.019 ug/l
RT: 8.016 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

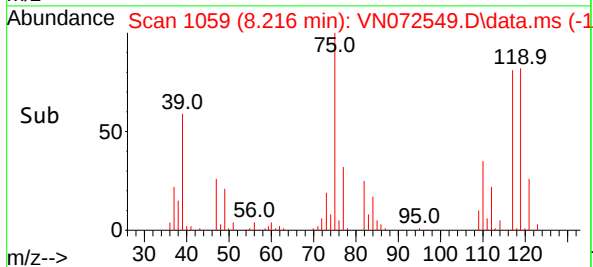
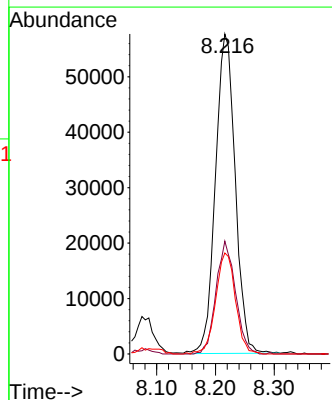
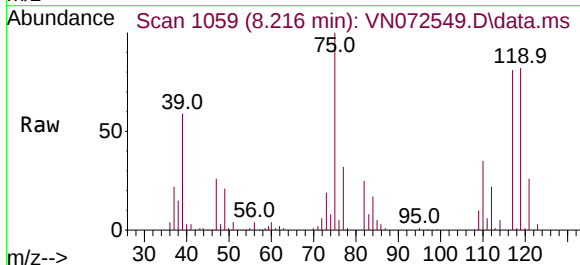
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

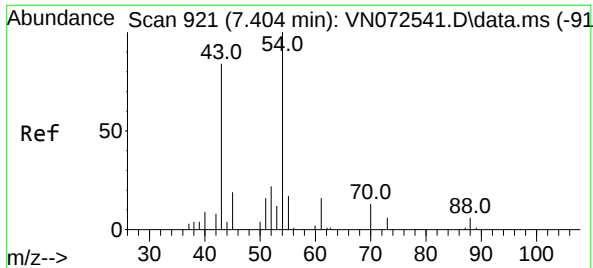
Tgt Ion:113 Resp: 95547
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 20.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 54.916 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 75 Resp: 134729
Ion Ratio Lower Upper
75 100
110 34.6 18.3 54.8
77 31.7 25.1 37.7

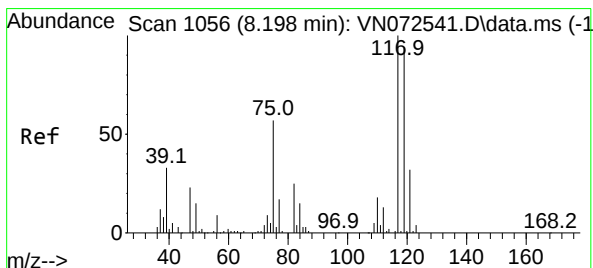
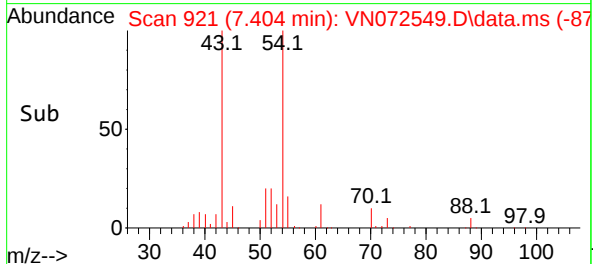
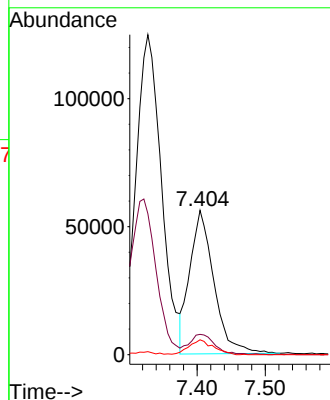
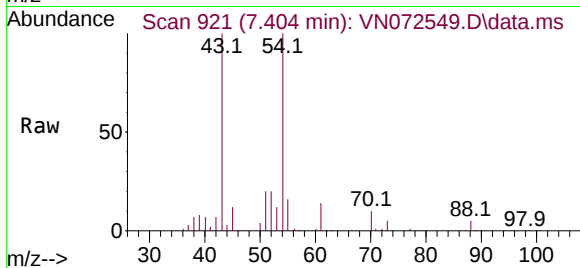




#37
Ethyl Acetate
Concen: 51.075 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

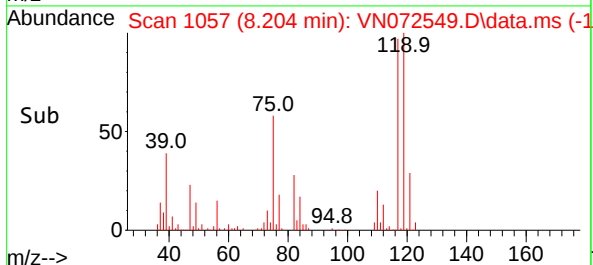
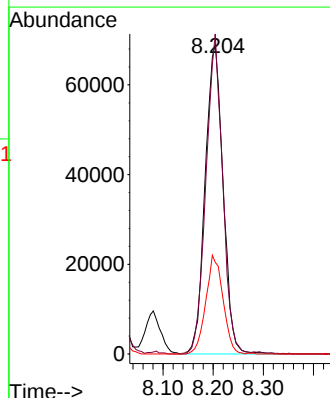
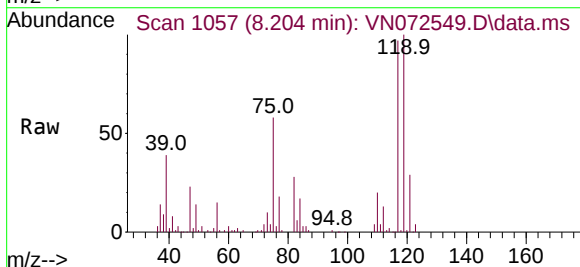
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

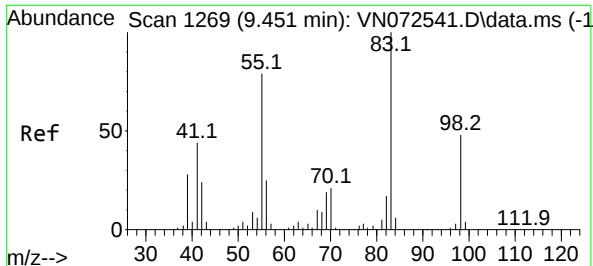
Tgt Ion:	43	Resp:	137700
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.8	17.6
70	10.3	9.3	13.9



#38
Carbon Tetrachloride
Concen: 56.500 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:	117	Resp:	171567
Ion	Ratio	Lower	Upper
117	100		
119	103.4	75.8	113.8
121	29.7	24.6	37.0





#39

Methylcyclohexane

Concen: 54.444 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

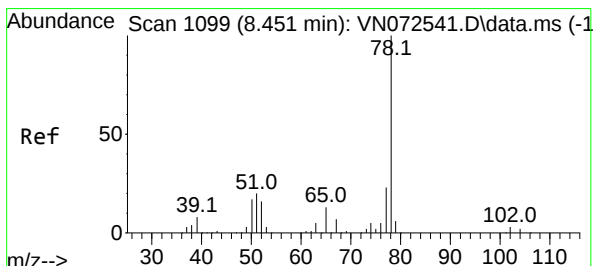
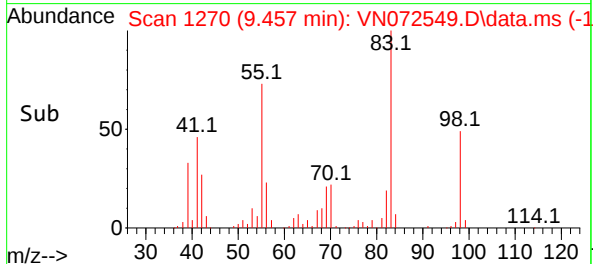
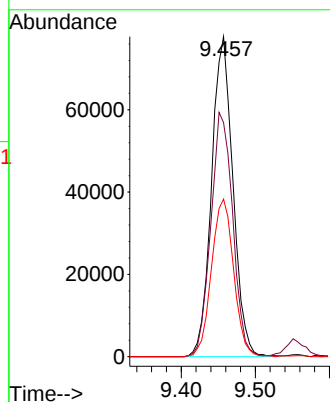
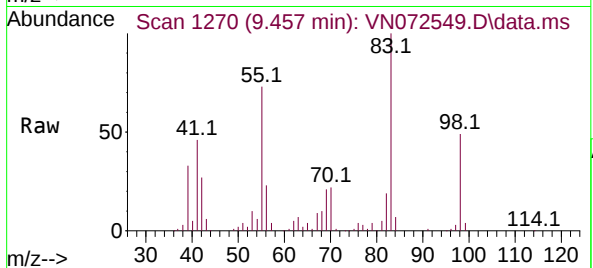
Tgt Ion: 83 Resp: 155889

Ion Ratio Lower Upper

83 100

55 73.2 57.8 86.8

98 49.2 39.4 59.2



#40

Benzene

Concen: 53.648 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072549.D

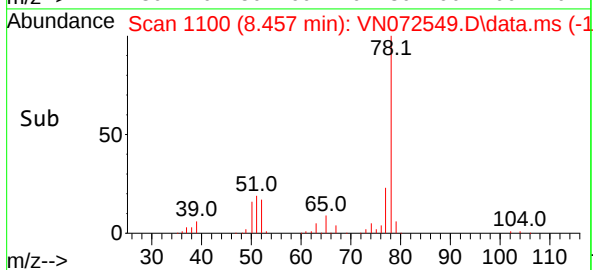
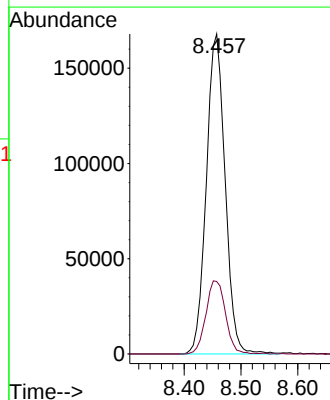
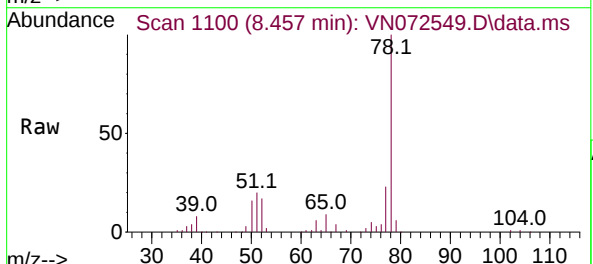
Acq: 19 May 2022 11:39

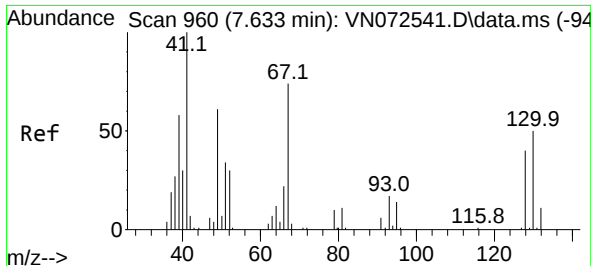
Tgt Ion: 78 Resp: 384586

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

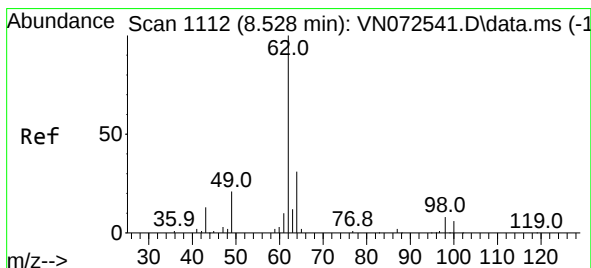
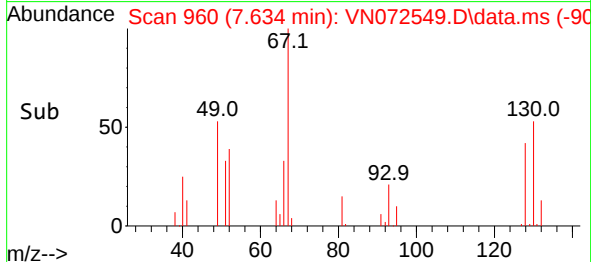
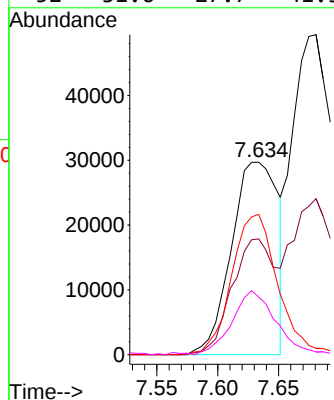
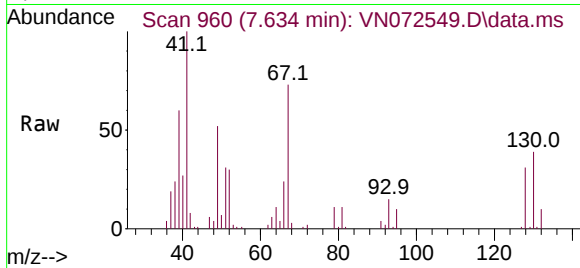




#41
Methacrylonitrile
Concen: 60.941 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.001 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

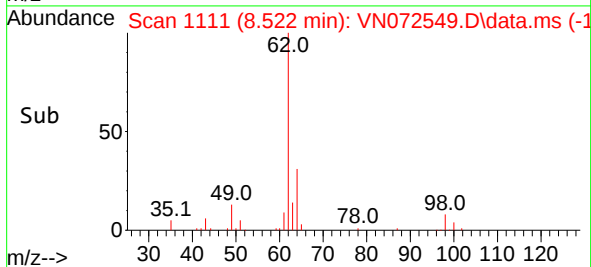
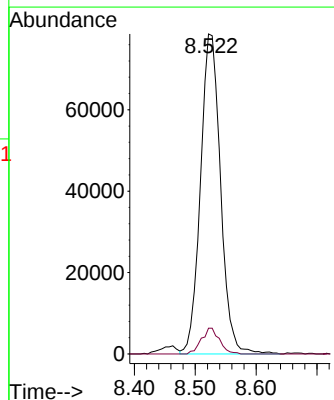
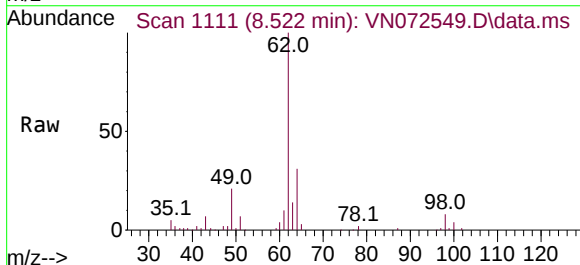
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

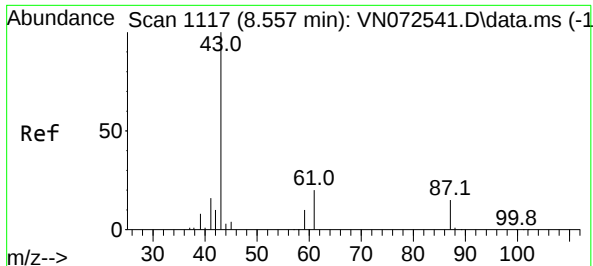
Tgt Ion:	41	Resp:	78818
Ion	Ratio	Lower	Upper
41	100		
39	57.1	48.6	73.0
67	72.3	73.4	110.2#
52	31.6	27.7	41.5



#42
1,2-Dichloroethane
Concen: 54.099 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:	62	Resp:	179960
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	19.4

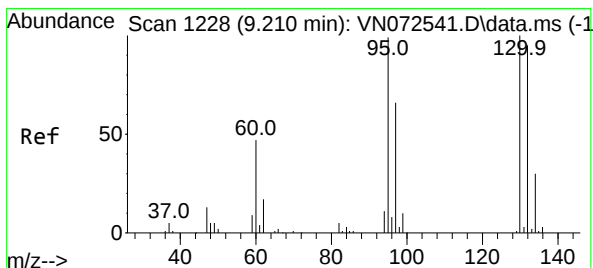
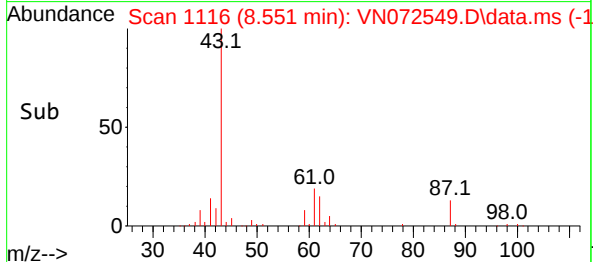
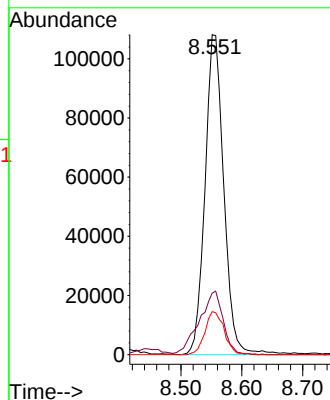
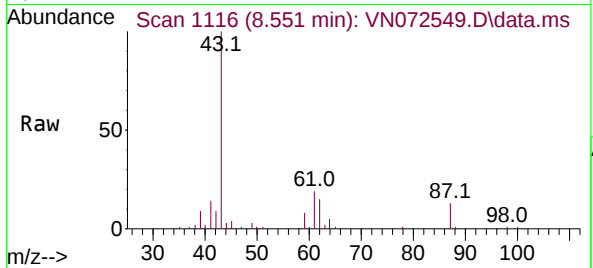




#43
Isopropyl Acetate
Concen: 53.422 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

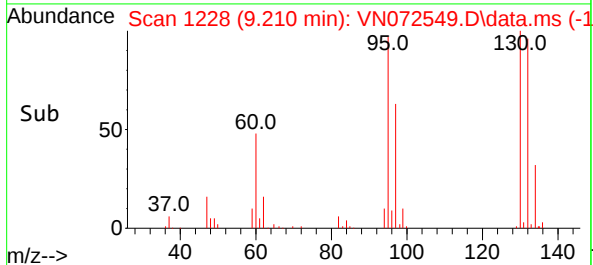
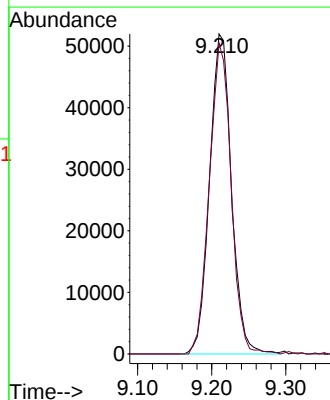
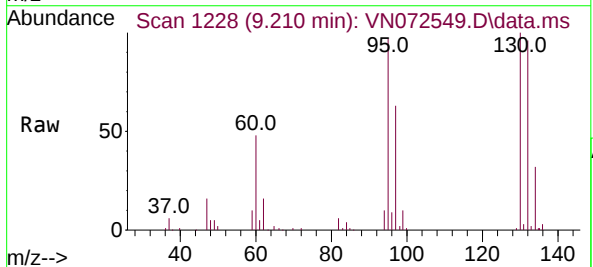
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

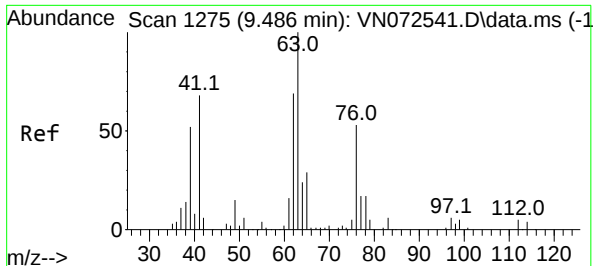
Tgt Ion: 43 Resp: 231611
Ion Ratio Lower Upper
43 100
61 25.4 21.9 32.9
87 13.8 12.0 18.0



#44
Trichloroethene
Concen: 54.584 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:130 Resp: 106379
Ion Ratio Lower Upper
130 100
95 97.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 53.888 ug/l

RT: 9.481 min Scan# 1275

Delta R.T. -0.005 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

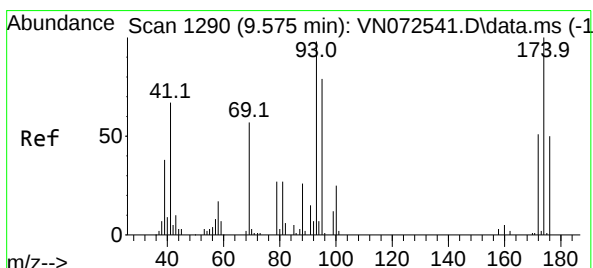
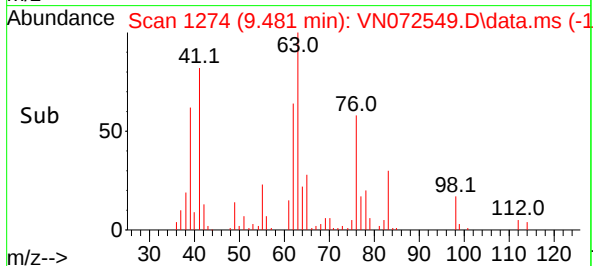
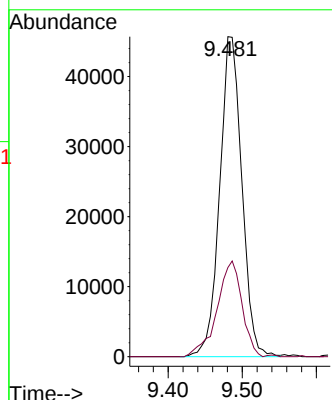
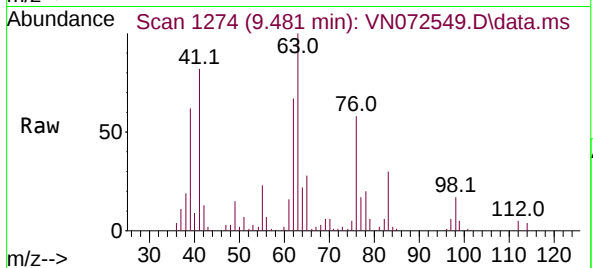
VSTDCCC050

Tgt Ion: 63 Resp: 94960

Ion Ratio Lower Upper

63 100

65 27.8 24.9 37.3



#46

Dibromomethane

Concen: 55.710 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

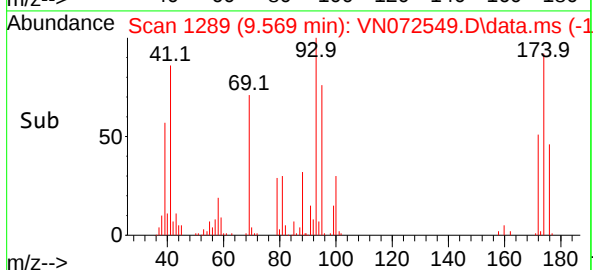
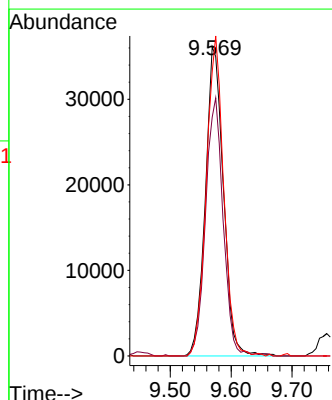
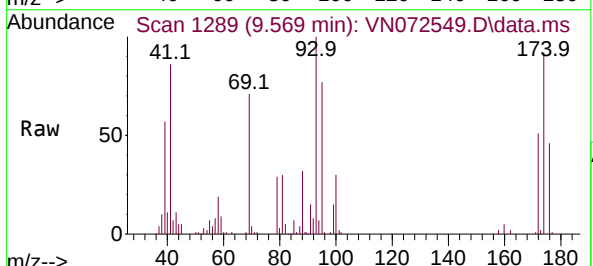
Tgt Ion: 93 Resp: 74217

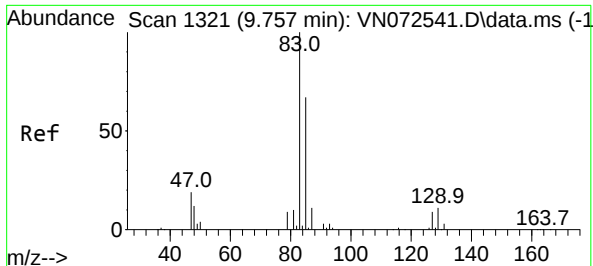
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

174 99.6 86.6 130.0

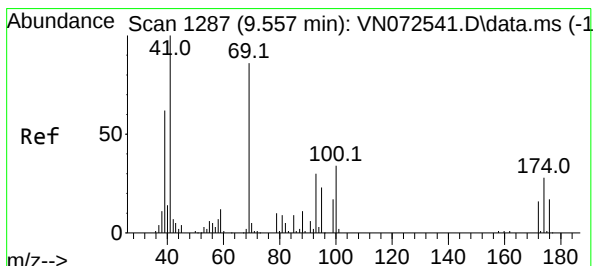
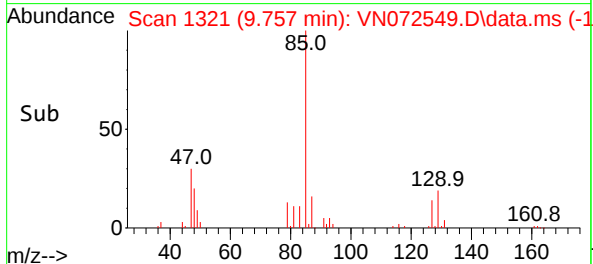
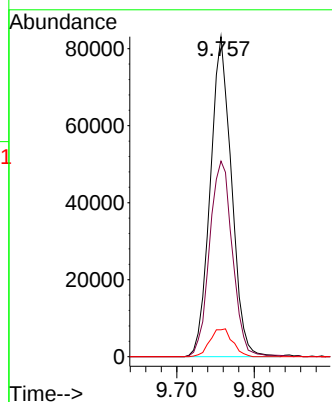
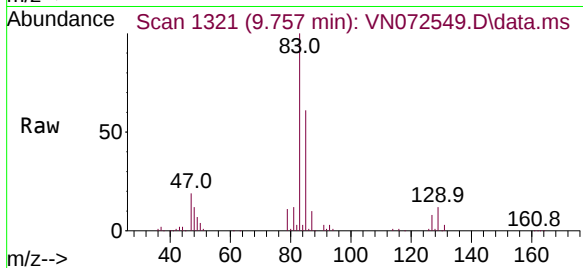




#47
Bromodichloromethane
Concen: 56.956 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

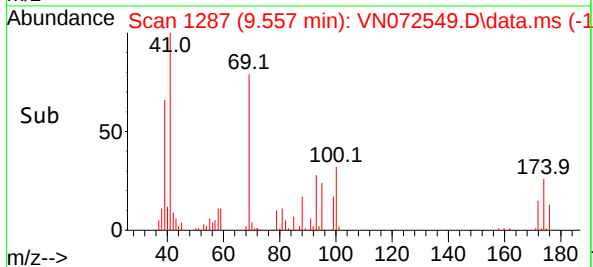
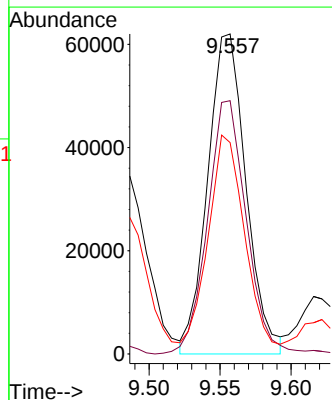
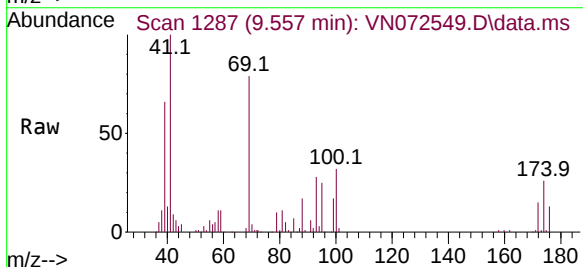
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

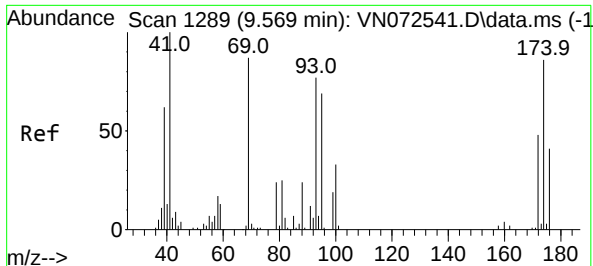
Tgt Ion: 83 Resp: 158133
Ion Ratio Lower Upper
83 100
85 61.1 50.5 75.7
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 56.336 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 41 Resp: 116296
Ion Ratio Lower Upper
41 100
69 80.4 74.7 112.1
39 65.9 45.6 68.4





#49

1,4-Dioxane

Concen: 1362.274 ug/l

RT: 9.563 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

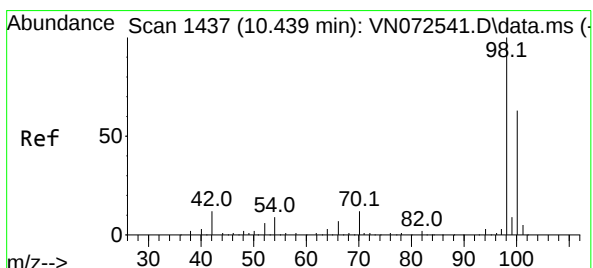
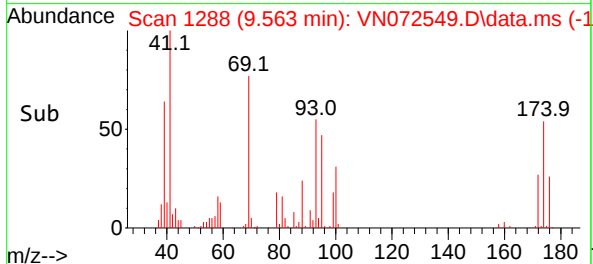
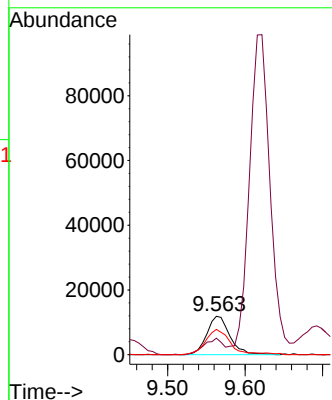
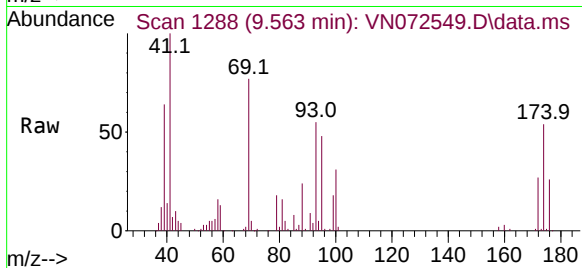
Tgt Ion: 88 Resp: 24482

Ion Ratio Lower Upper

88 100

43 35.0 20.2 30.4#

58 71.7 54.2 81.4



#50

Toluene-d8

Concen: 51.474 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072549.D

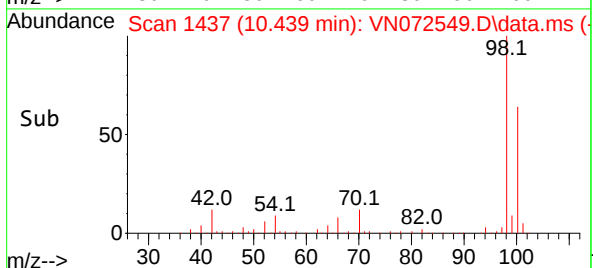
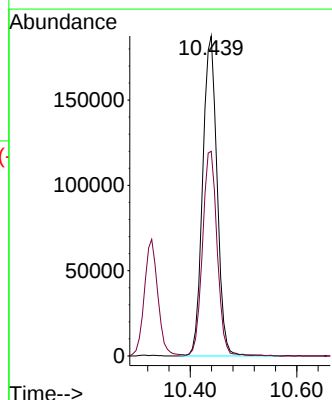
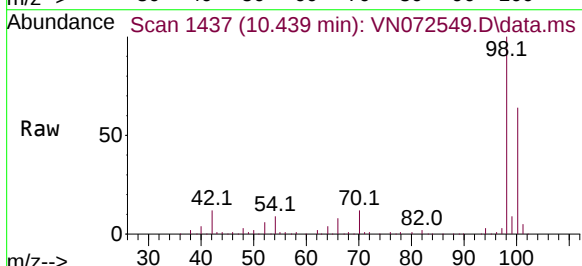
Acq: 19 May 2022 11:39

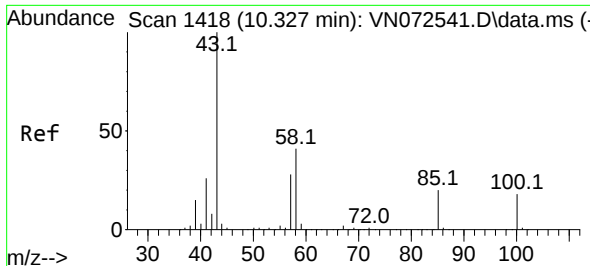
Tgt Ion: 98 Resp: 351122

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8

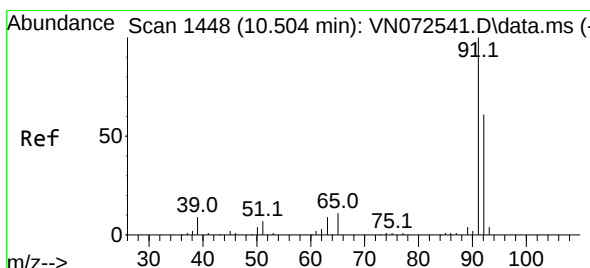
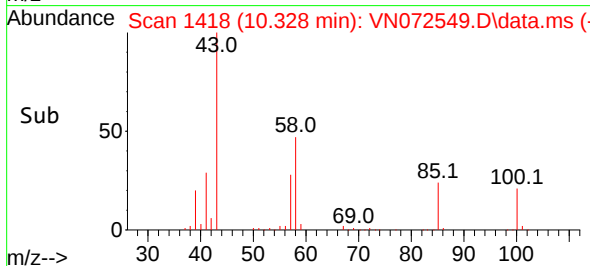
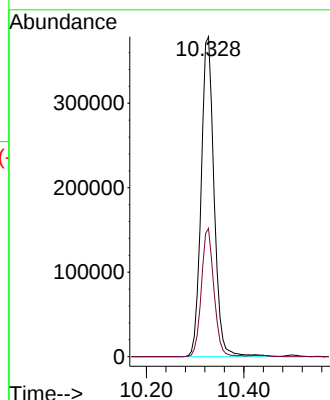
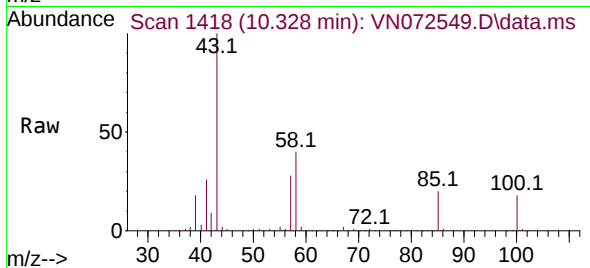




#51
4-Methyl-2-Pentanone
Concen: 245.082 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

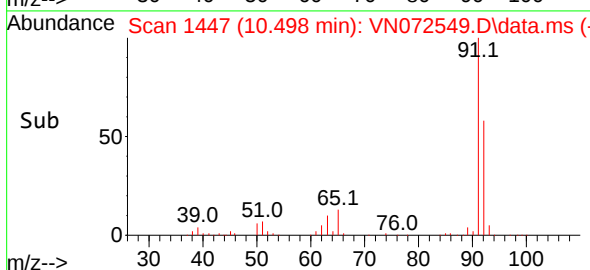
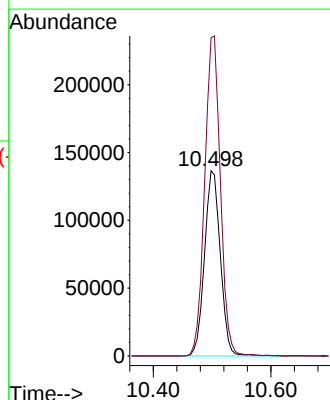
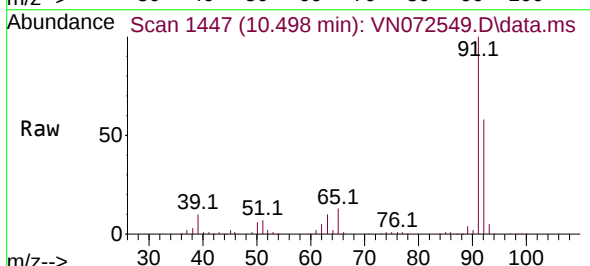
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

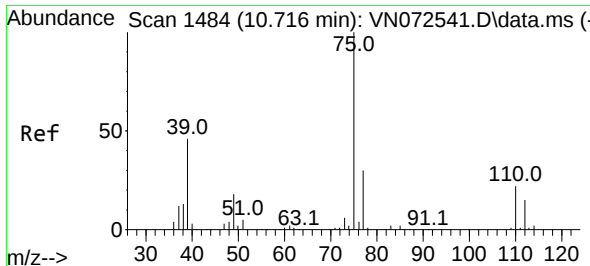
Tgt Ion: 43 Resp: 701135
Ion Ratio Lower Upper
43 100
58 38.9 34.1 51.1



#52
Toluene
Concen: 54.647 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 92 Resp: 254004
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8

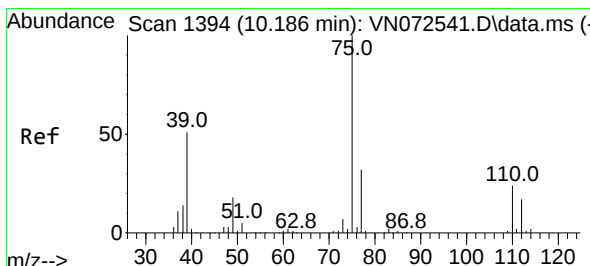
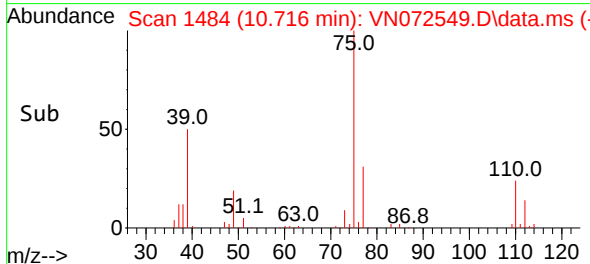
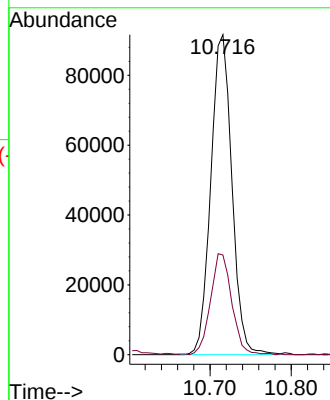
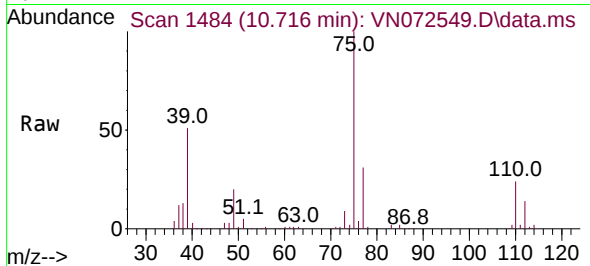




#53
 t-1,3-Dichloropropene
 Concen: 55.437 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

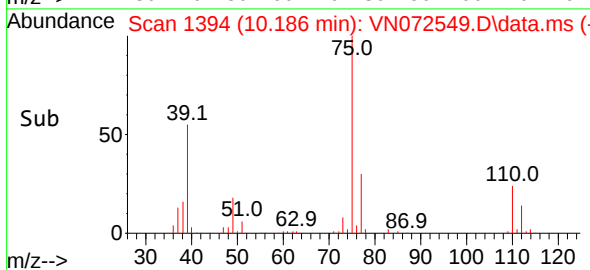
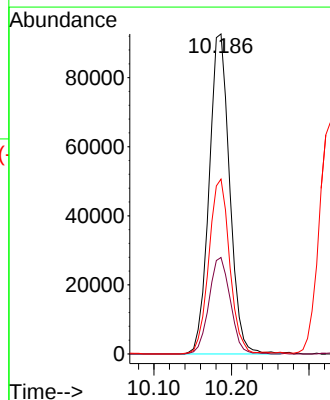
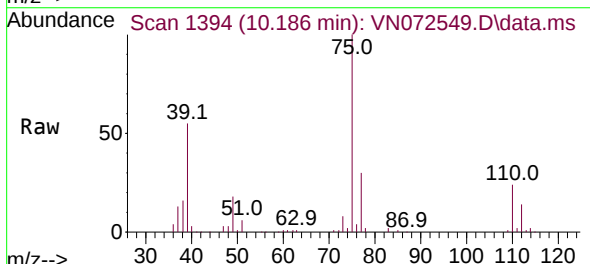
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

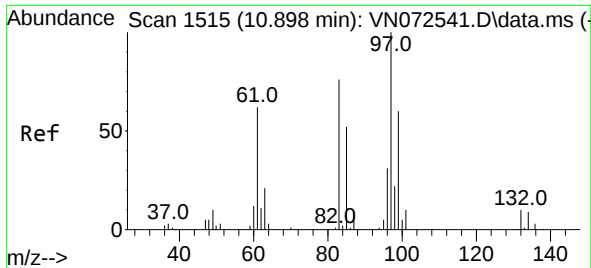
Tgt Ion: 75 Resp: 165270
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 57.868 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

Tgt Ion: 75 Resp: 170321
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8
 39 54.7 35.7 53.5#

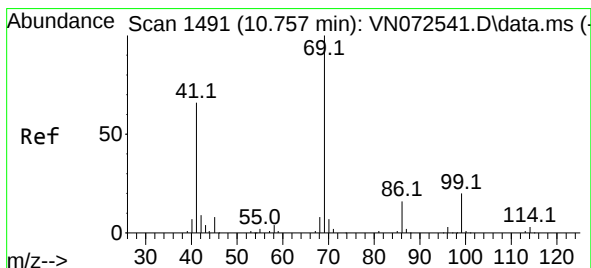
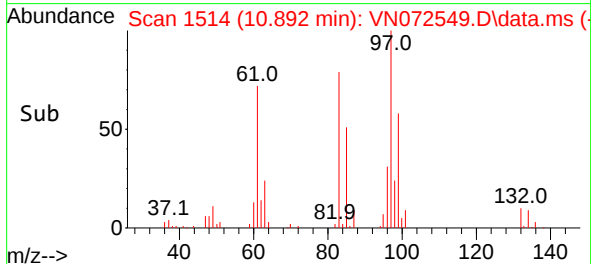
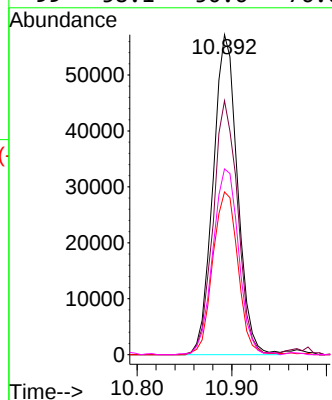
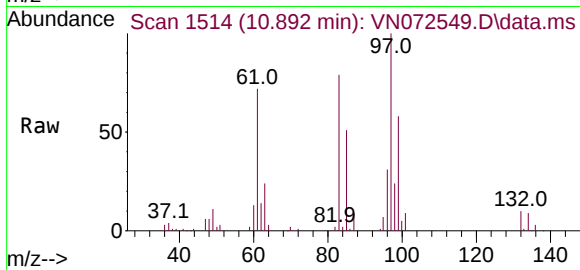




#55
1,1,2-Trichloroethane
Concen: 50.815 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

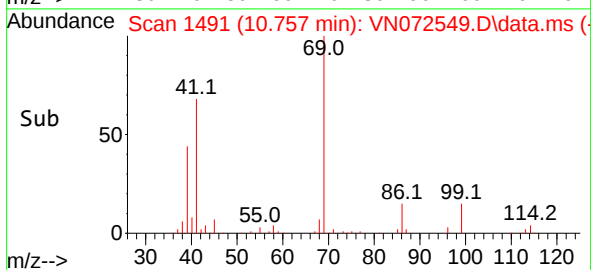
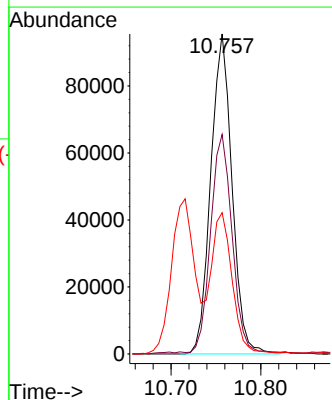
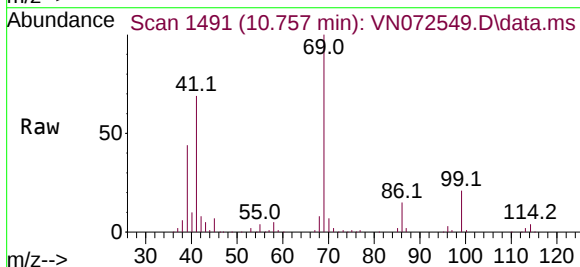
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

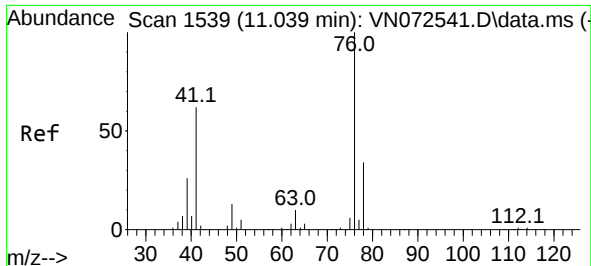
Tgt Ion: 97 Resp: 102648
Ion Ratio Lower Upper
97 100
83 79.3 66.2 99.4
85 50.8 43.9 65.9
99 58.1 50.6 76.0



#56
Ethyl methacrylate
Concen: 51.923 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 69 Resp: 157059
Ion Ratio Lower Upper
69 100
41 68.8 47.8 71.6
39 44.3 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 51.522 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

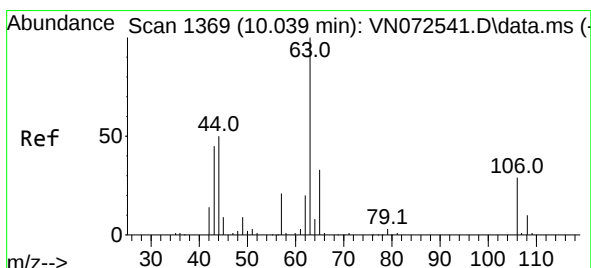
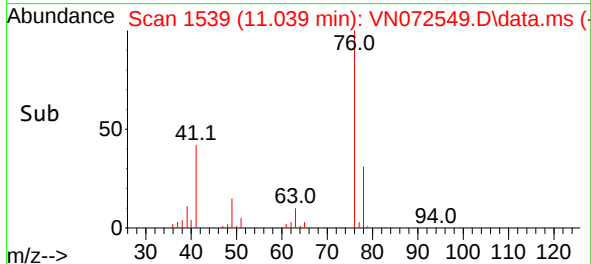
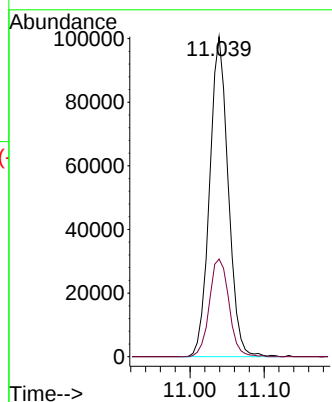
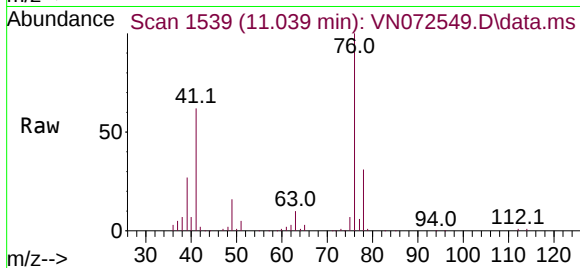
VSTDCCC050

Tgt Ion: 76 Resp: 175477

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 260.833 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072549.D

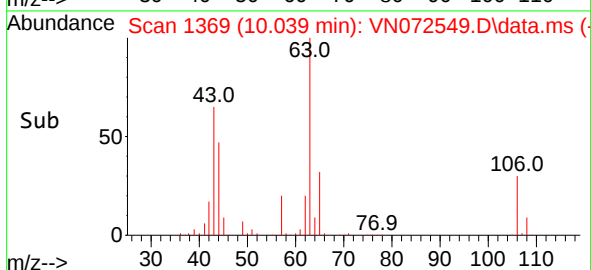
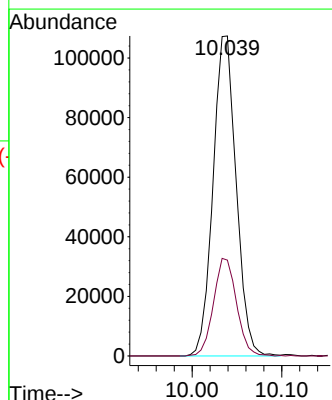
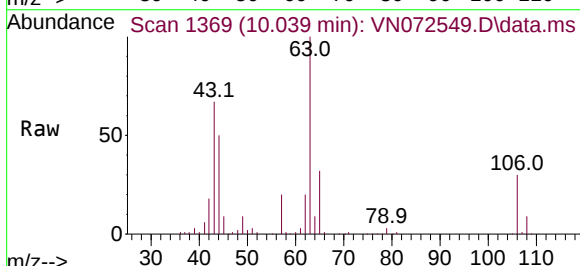
Acq: 19 May 2022 11:39

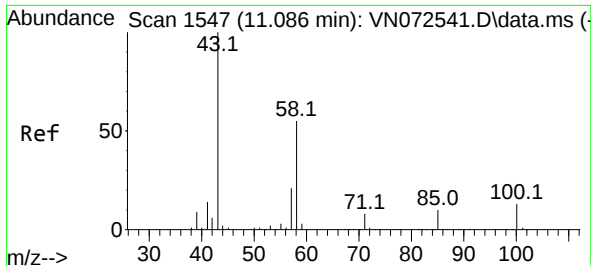
Tgt Ion: 63 Resp: 192625

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8

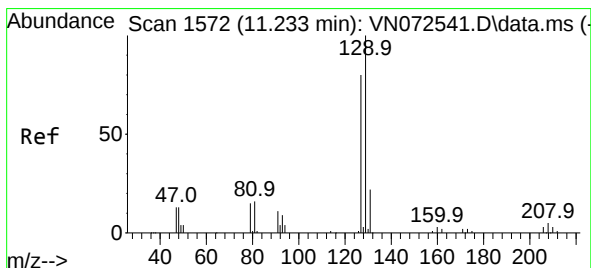
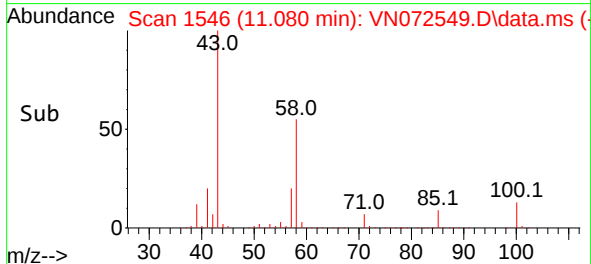
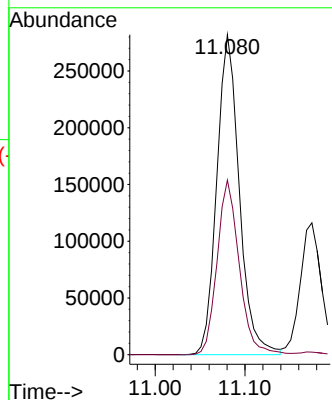
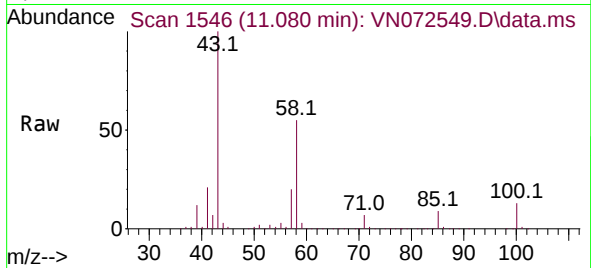




#59
2-Hexanone
Concen: 247.225 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

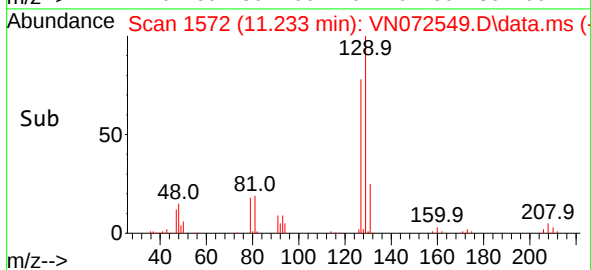
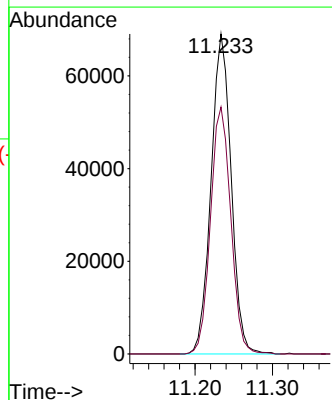
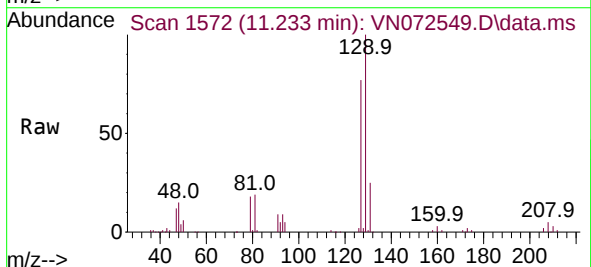
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

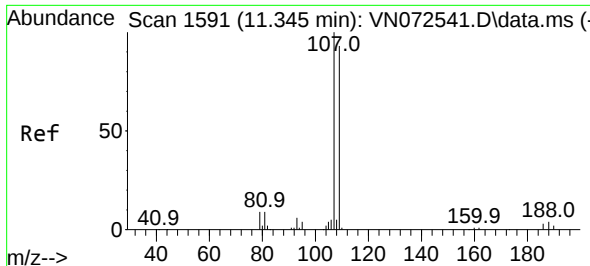
Tgt Ion: 43 Resp: 491594
Ion Ratio Lower Upper
43 100
58 53.7 29.7 89.1



#60
Dibromochloromethane
Concen: 54.042 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 129 Resp: 124732
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

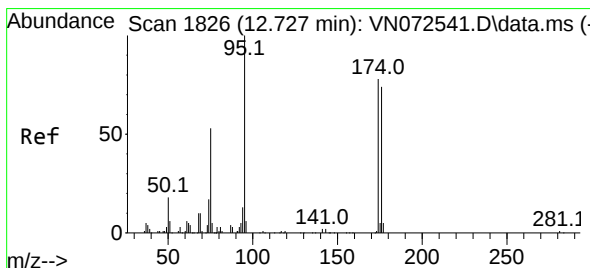
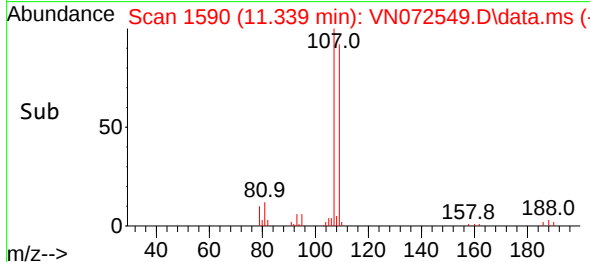
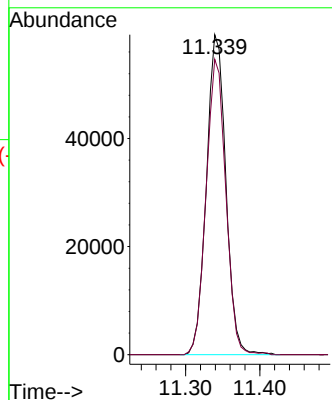
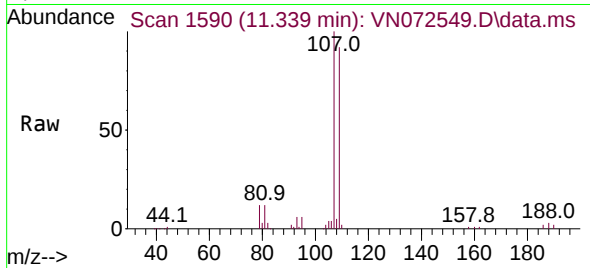




#61
1,2-Dibromoethane
Concen: 51.560 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

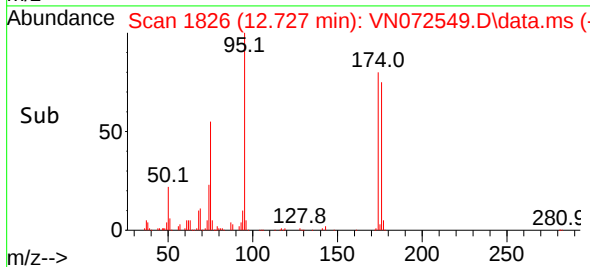
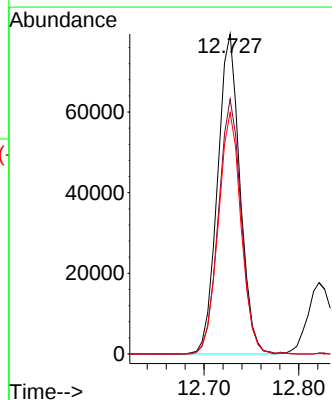
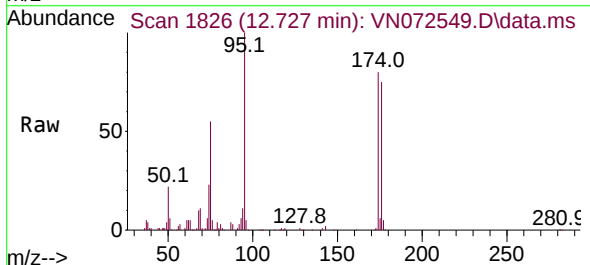
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

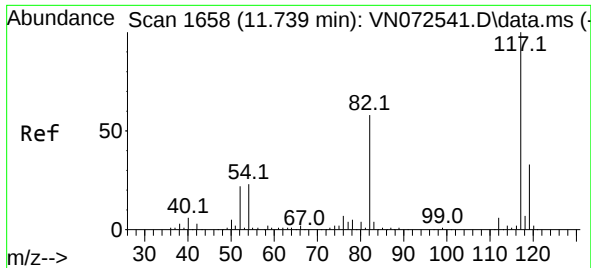
Tgt Ion:107 Resp: 108011
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.363 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 95 Resp: 130497
Ion Ratio Lower Upper
95 100
174 80.8 0.0 167.6
176 76.7 0.0 163.4

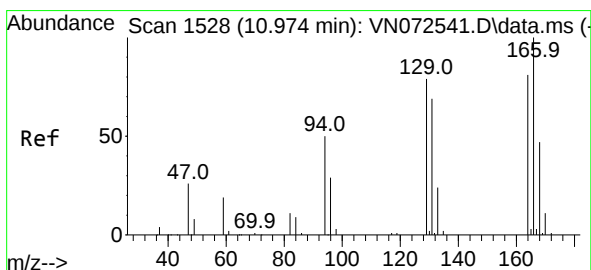
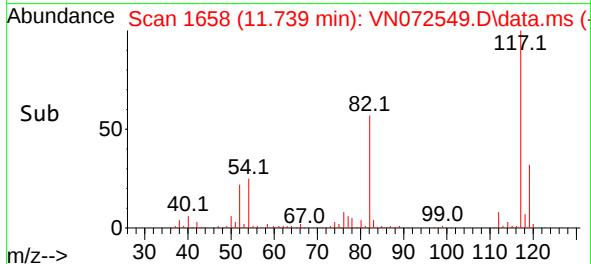
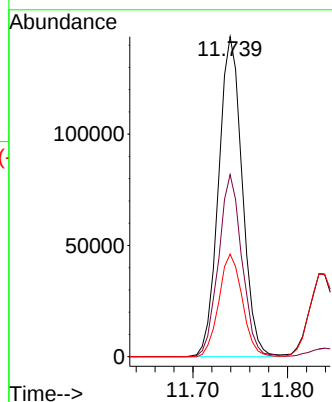
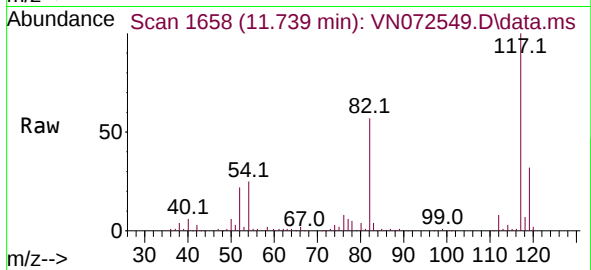




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

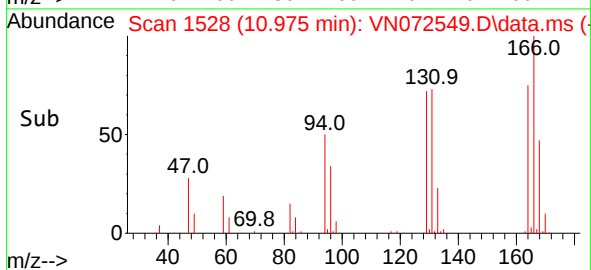
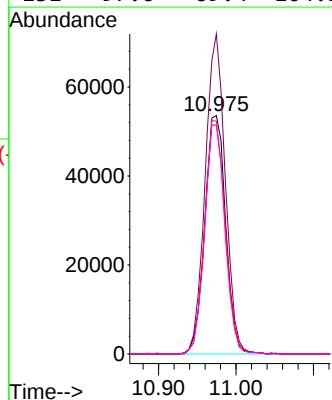
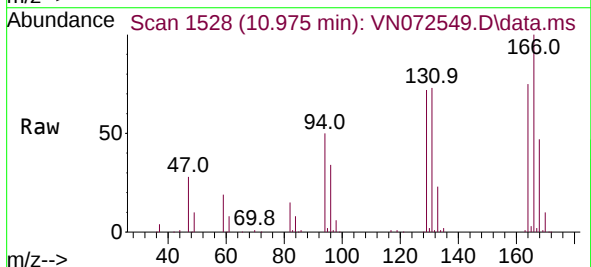
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

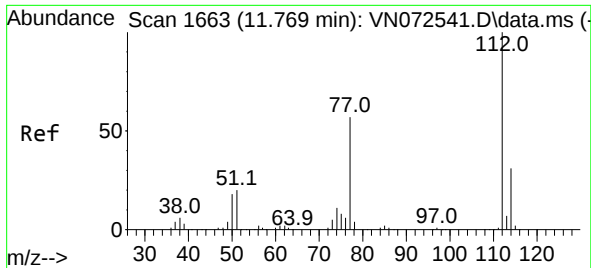
Tgt Ion:117 Resp: 249571
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 57.977 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:164 Resp: 100411
Ion Ratio Lower Upper
164 100
166 134.2 104.2 156.2
129 96.0 73.9 110.9
131 97.6 69.4 104.2

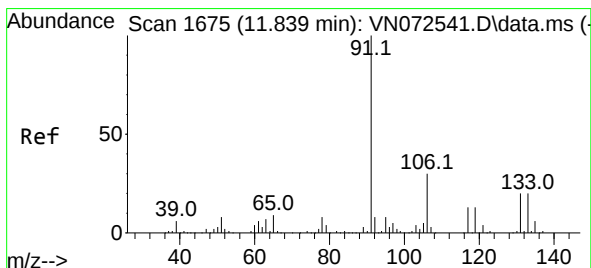
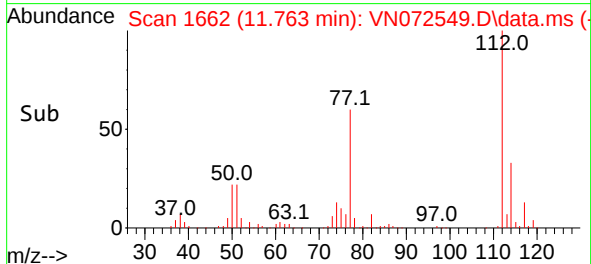
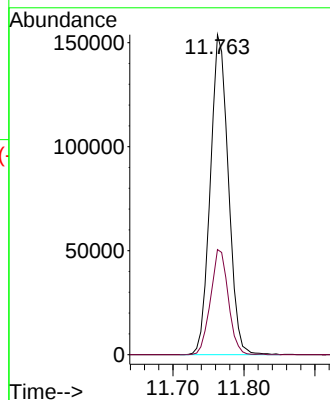
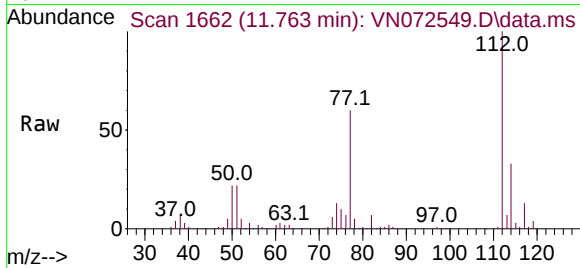




#65
Chlorobenzene
Concen: 53.111 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

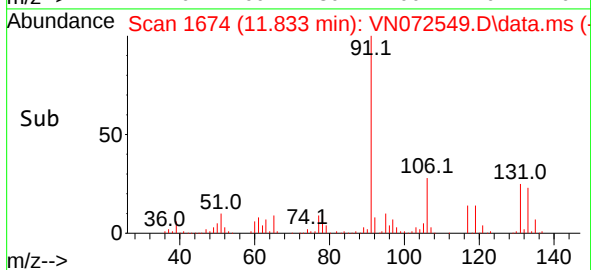
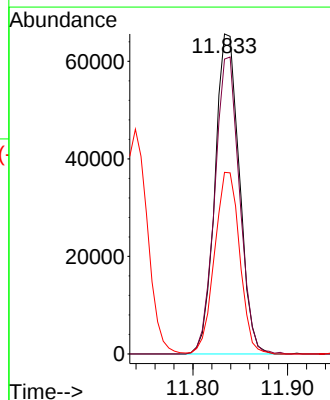
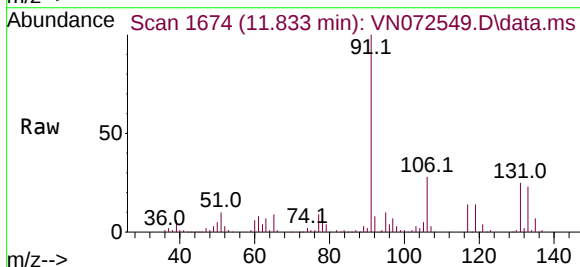
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

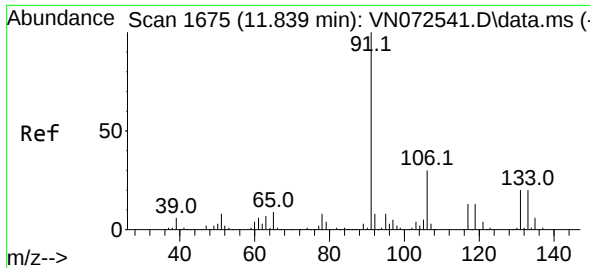
Tgt Ion:112 Resp: 271612
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.120 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:131 Resp: 117296
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 58.5 33.4 100.2

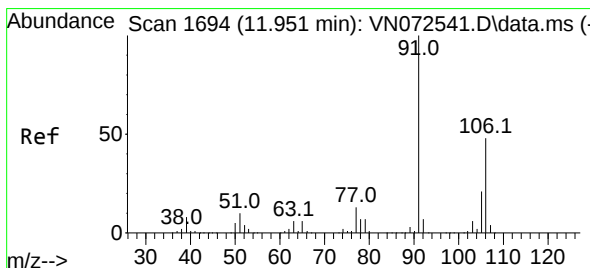
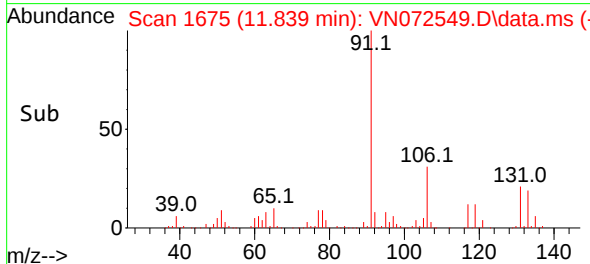
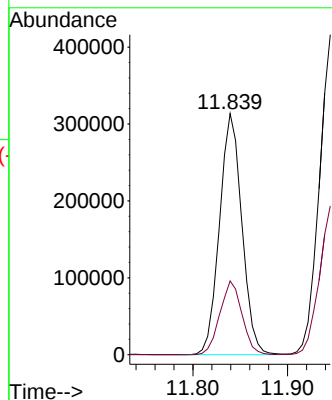
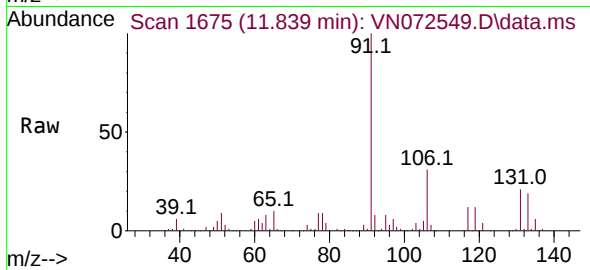




#67
Ethyl Benzene
Concen: 58.152 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

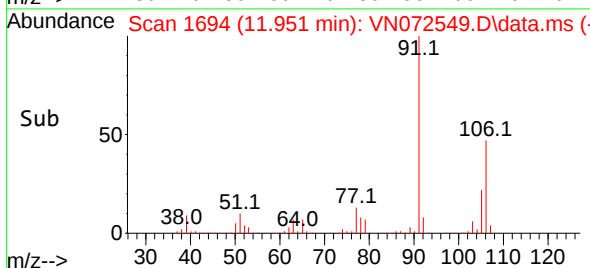
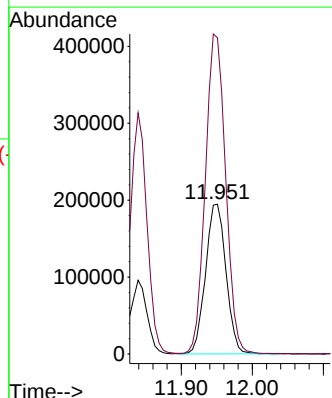
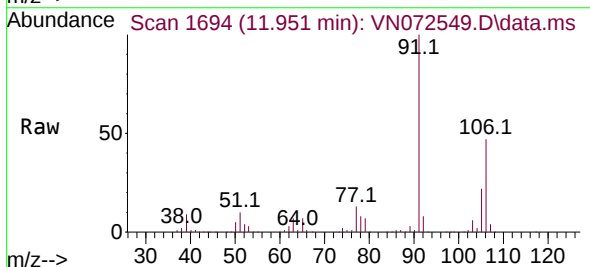
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

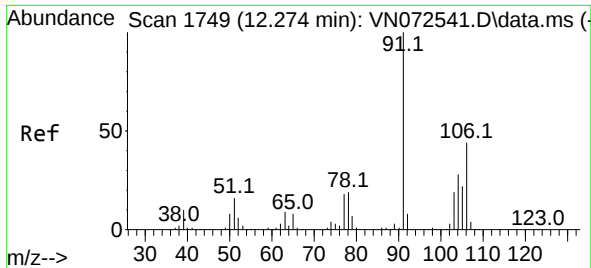
Tgt Ion: 91 Resp: 514769
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 114.439 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 106 Resp: 390004
Ion Ratio Lower Upper
106 100
91 211.4 158.9 238.3

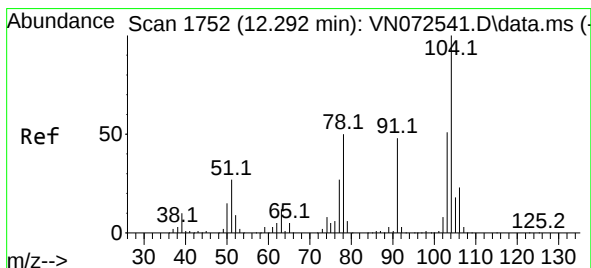
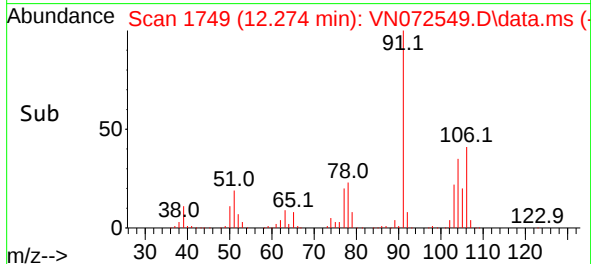
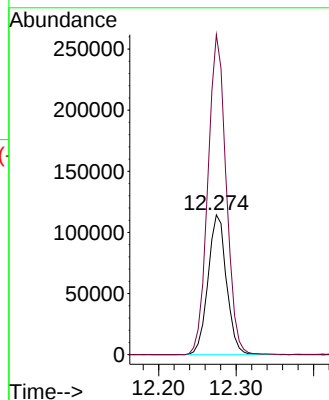
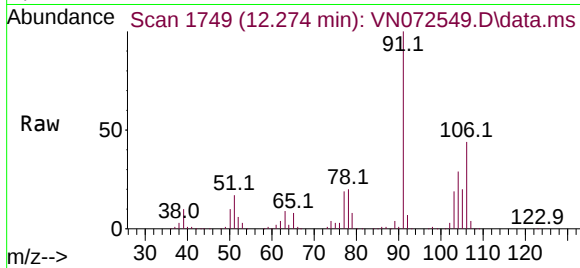




#69
o-Xylene
Concen: 54.475 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

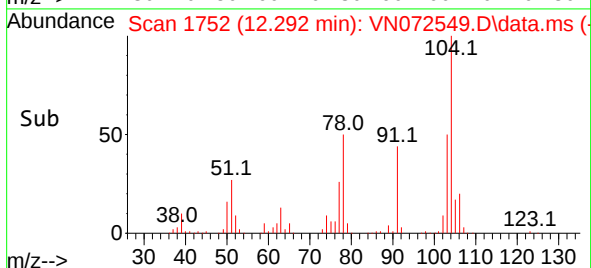
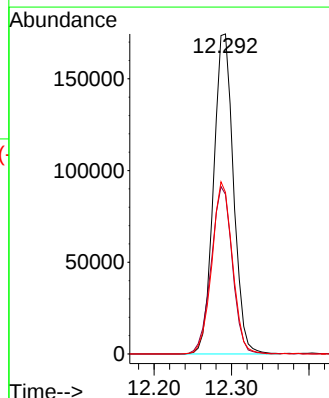
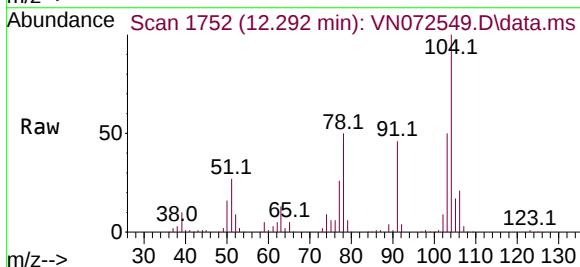
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

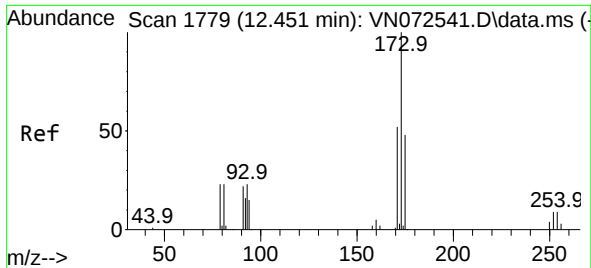
Tgt Ion:106 Resp: 189122
Ion Ratio Lower Upper
106 100
91 226.8 106.0 318.0



#70
Styrene
Concen: 58.269 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:104 Resp: 311459
Ion Ratio Lower Upper
104 100
78 55.4 39.5 59.3
103 55.3 44.0 66.0

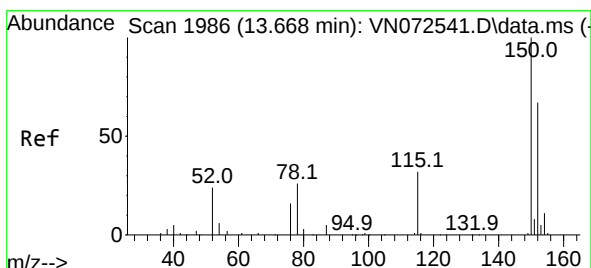
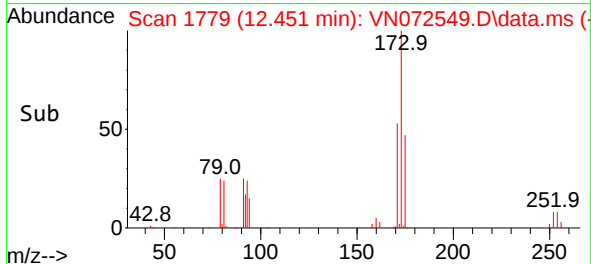
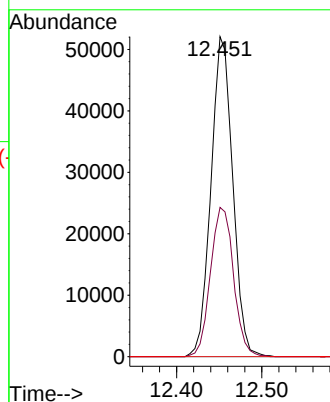
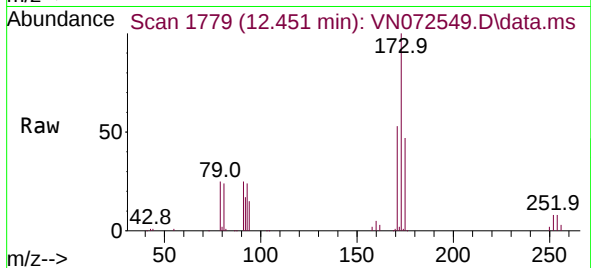




#71
Bromoform
Concen: 58.622 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

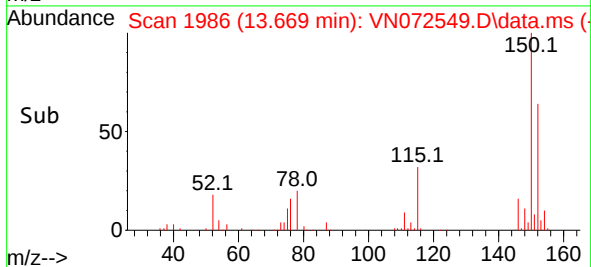
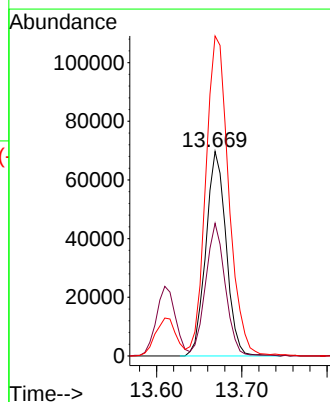
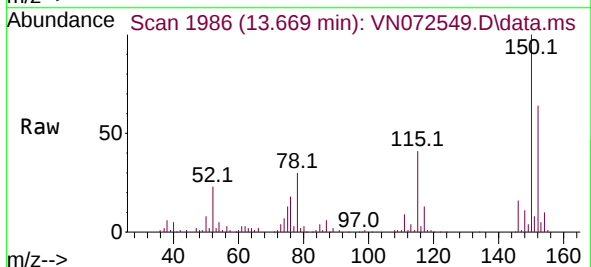
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

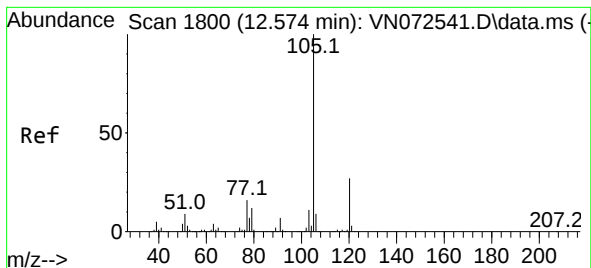
Tgt Ion:173 Resp: 92641
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:152 Resp: 115069
Ion Ratio Lower Upper
152 100
115 63.2 28.9 86.7
150 178.5 0.0 356.2





#73

Isopropylbenzene

Concen: 54.248 ug/l

RT: 12.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

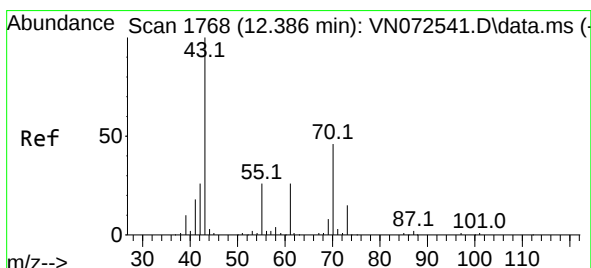
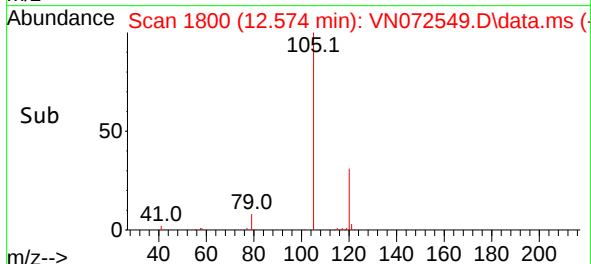
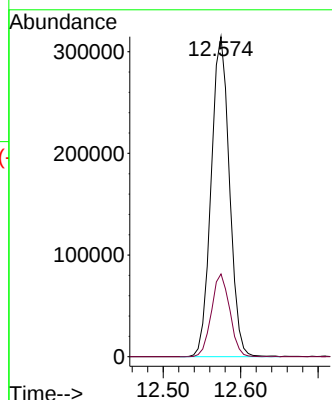
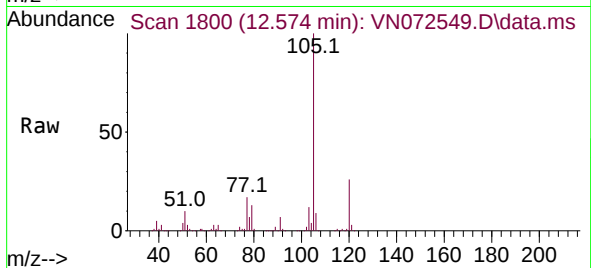
VSTDCCC050

Tgt Ion:105 Resp: 516084

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.4



#74

N-ethyl acetate

Concen: 49.460 ug/l

RT: 12.380 min Scan# 1767

Delta R.T. -0.006 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Tgt Ion: 43 Resp: 156733

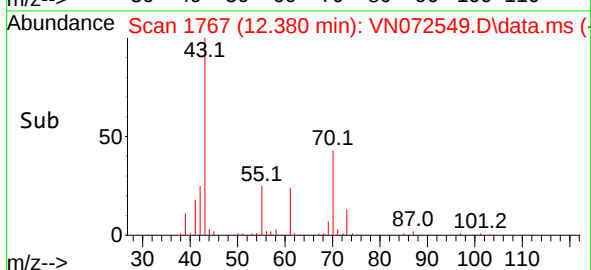
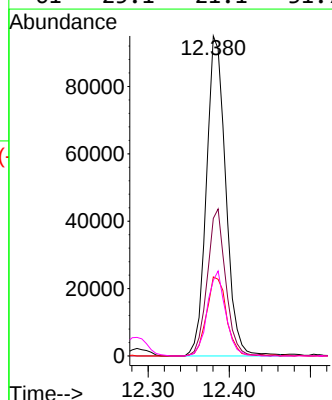
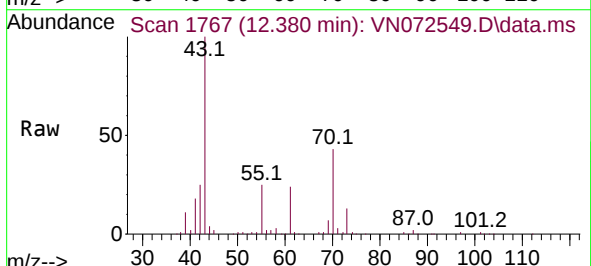
Ion Ratio Lower Upper

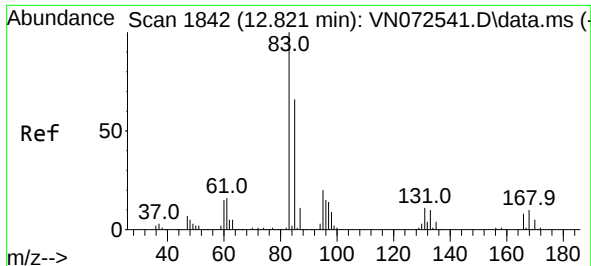
43 100

70 43.7 39.0 58.4

55 25.5 21.1 31.7

61 25.1 21.1 31.7

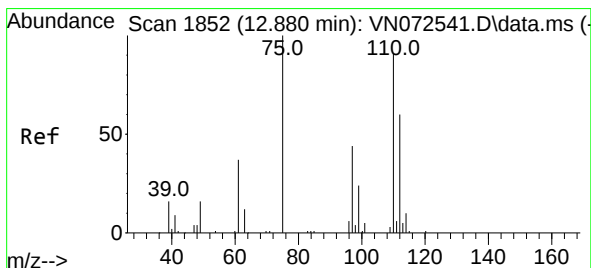
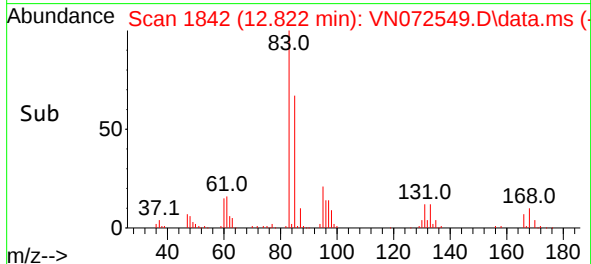
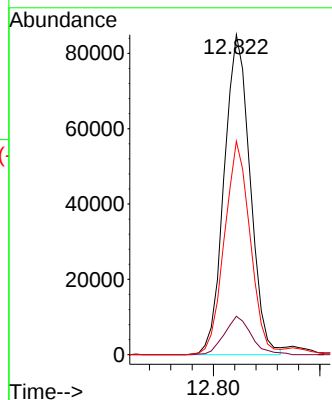
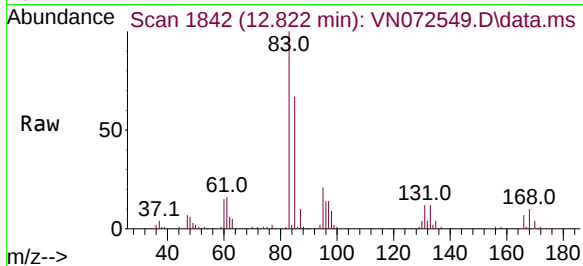




#75
1,1,2,2-Tetrachloroethane
Concen: 49.962 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

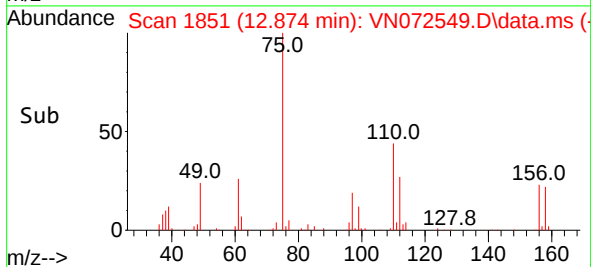
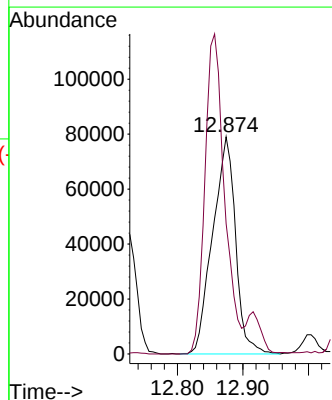
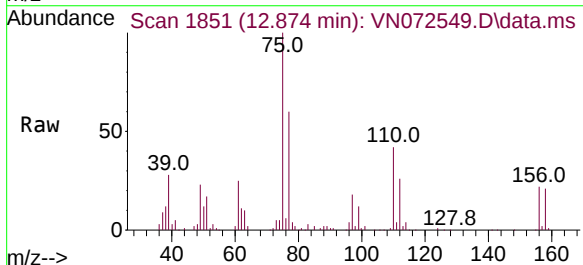
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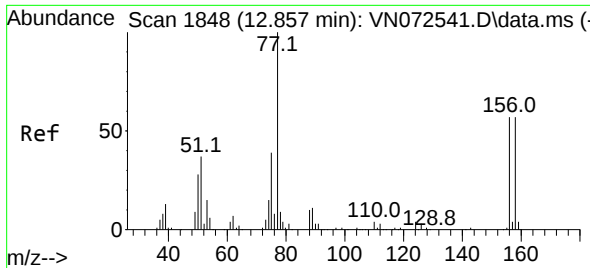
Tgt Ion: 83 Resp: 143989
Ion Ratio Lower Upper
83 100
131 12.5 5.3 15.9
85 66.2 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 55.044 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 75 Resp: 191339
Ion Ratio Lower Upper
75 100
77 126.6 98.5 295.5

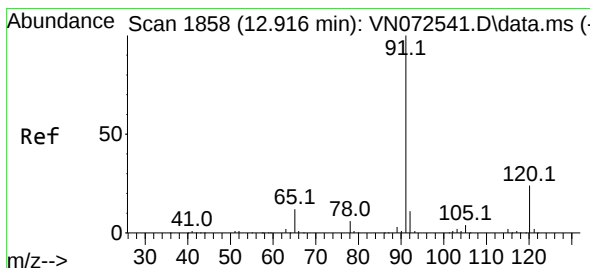
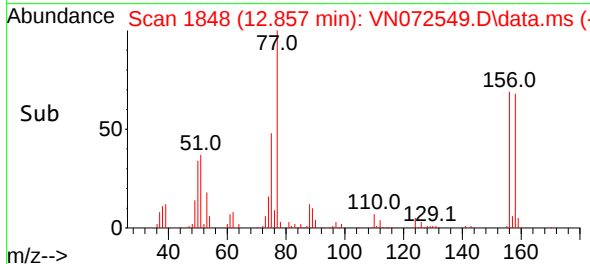
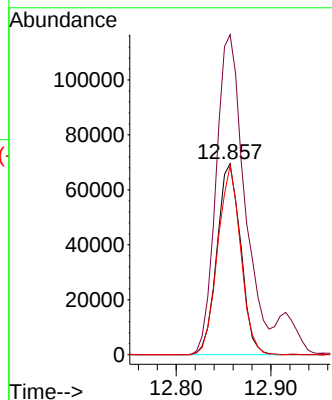
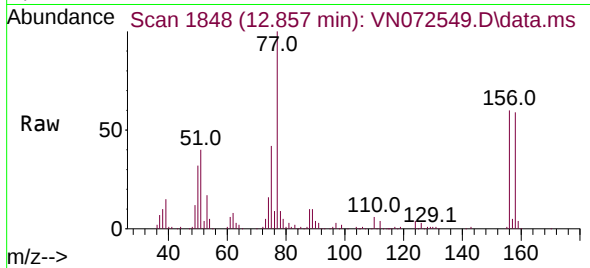




#77
Bromobenzene
Concen: 49.592 ug/l
RT: 12.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

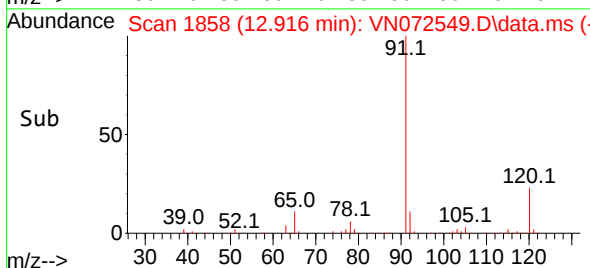
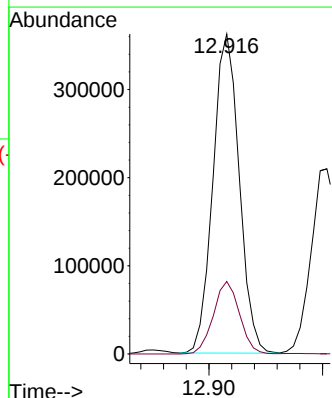
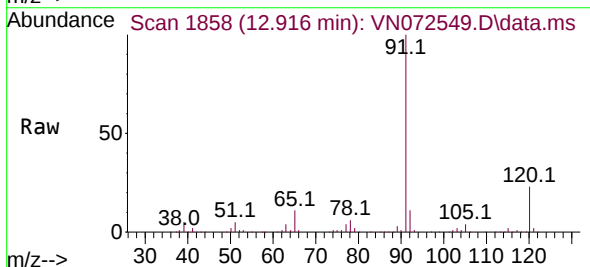
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

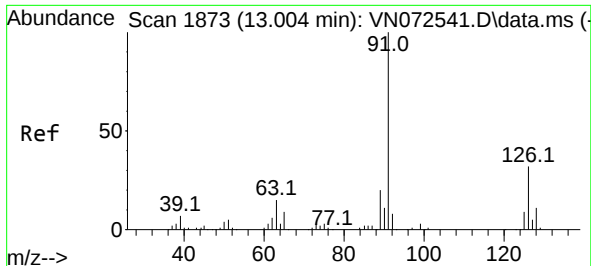
Tgt Ion:156 Resp: 120852
Ion Ratio Lower Upper
156 100
77 200.4 100.5 301.5
158 96.1 48.9 146.6



#78
n-propylbenzene
Concen: 55.812 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 91 Resp: 580714
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5

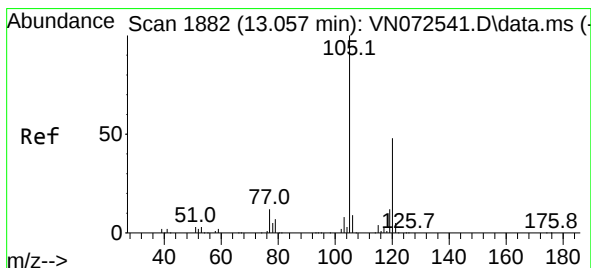
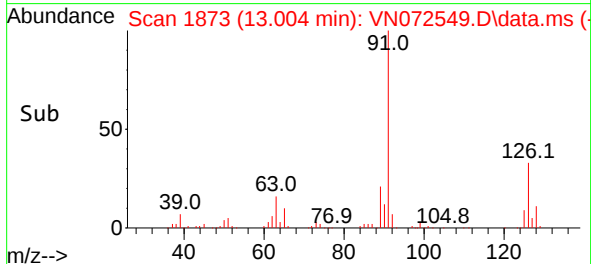
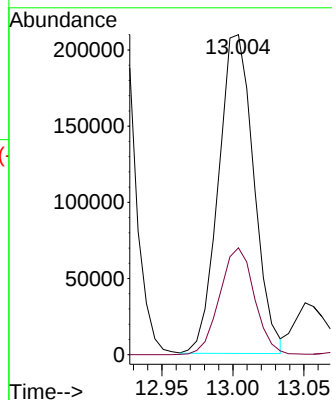
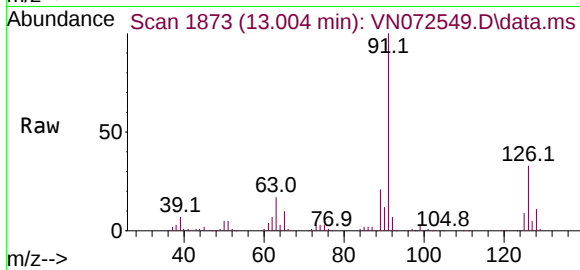




#79
2-Chlorotoluene
Concen: 52.084 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

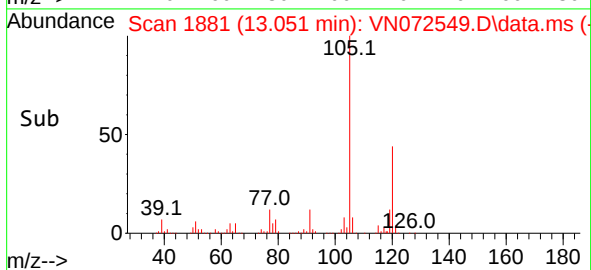
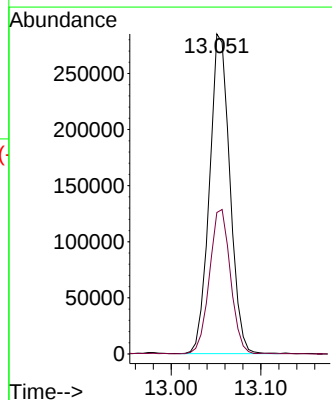
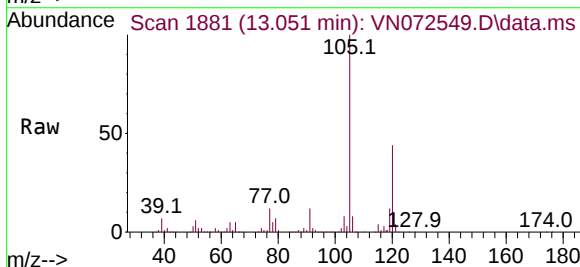
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

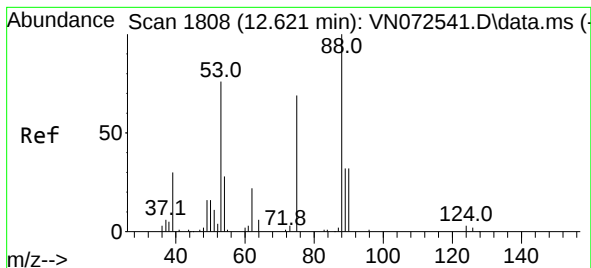
Tgt Ion: 91 Resp: 363033
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 54.456 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:105 Resp: 449295
Ion Ratio Lower Upper
105 100
120 46.3 24.9 74.7

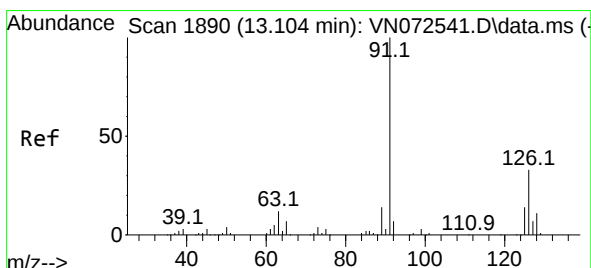
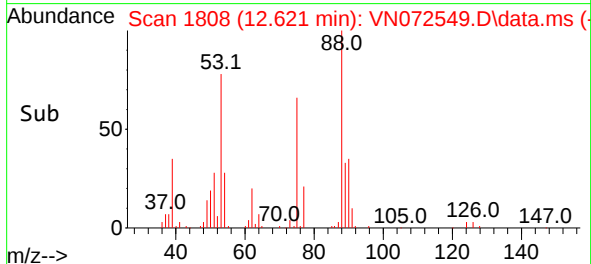
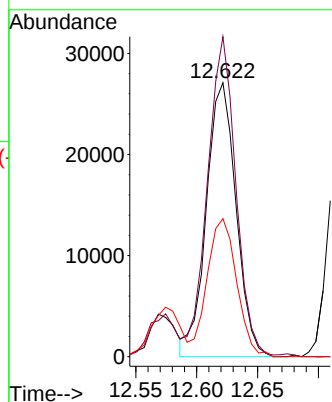
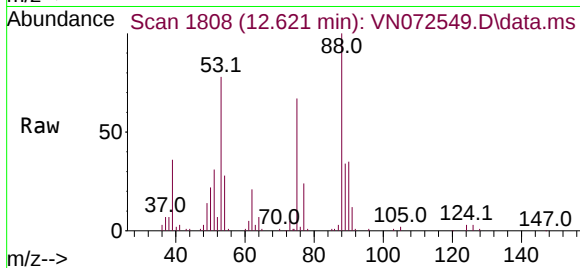




#81
trans-1,4-Dichloro-2-butene
Concen: 55.242 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

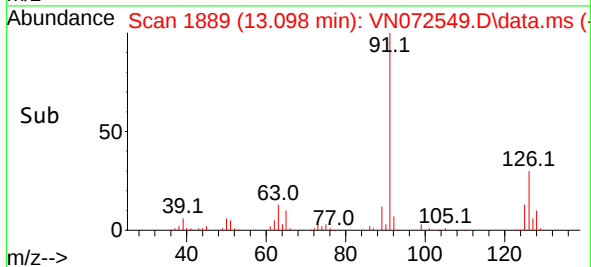
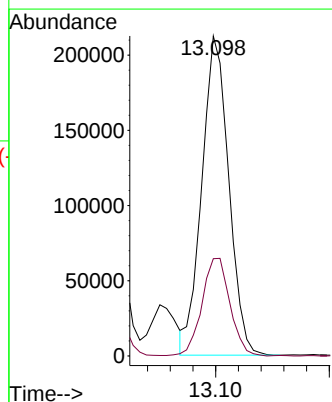
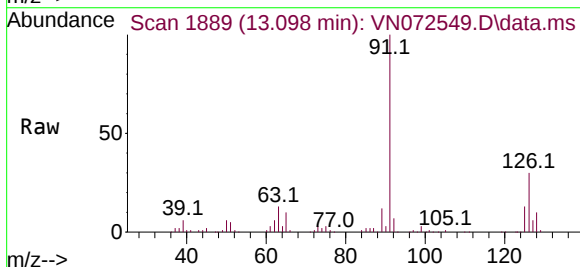
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

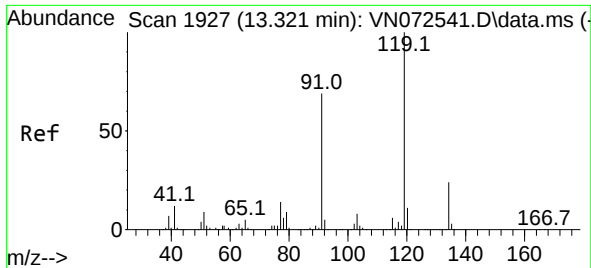
Tgt Ion: 75 Resp: 46062
Ion Ratio Lower Upper
75 100
53 112.2 78.0 117.0
89 50.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 53.732 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 91 Resp: 348877
Ion Ratio Lower Upper
91 100
126 31.6 17.2 51.6

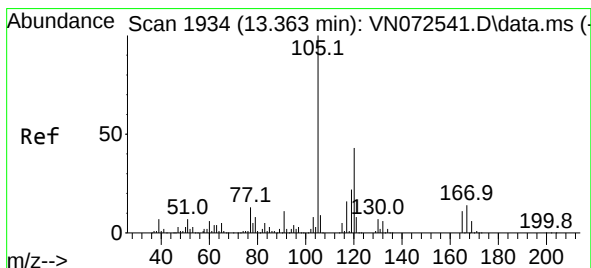
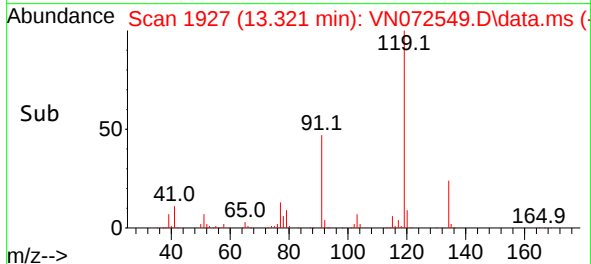
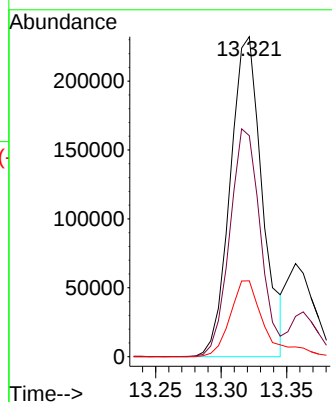
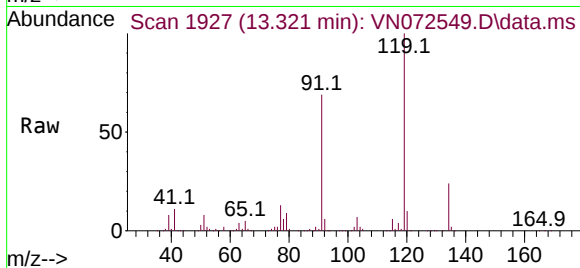




#83
 tert-Butylbenzene
 Concen: 56.375 ug/l
 RT: 13.321 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

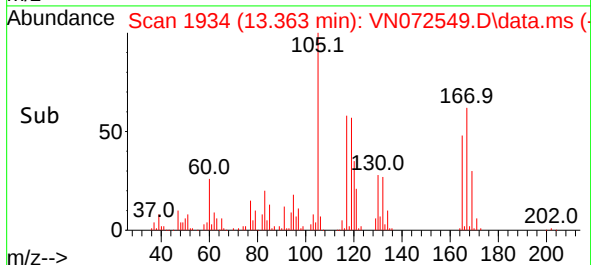
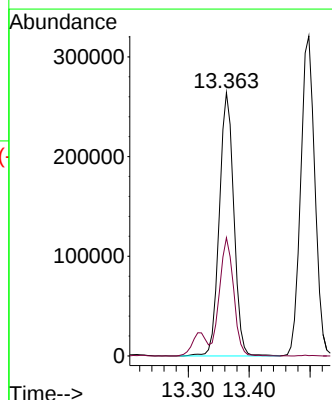
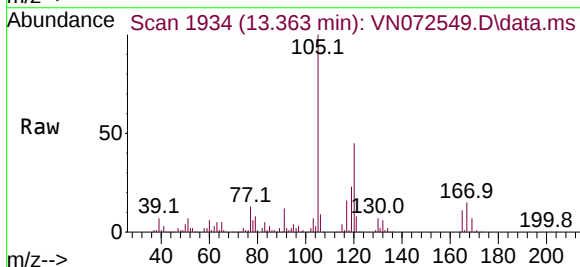
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

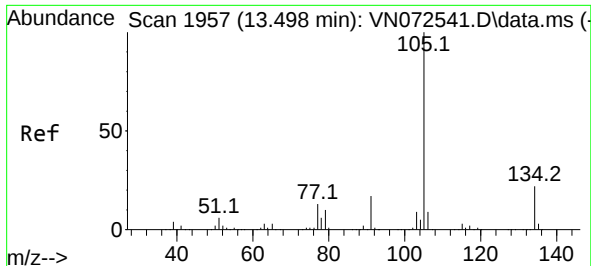
Tgt Ion:	119	Resp:	395048
Ion	Ratio	Lower	Upper
119	100		
91	68.3	31.6	94.8
134	25.5	13.7	41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 55.053 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

Tgt Ion:	105	Resp:	435696
Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.3	69.8

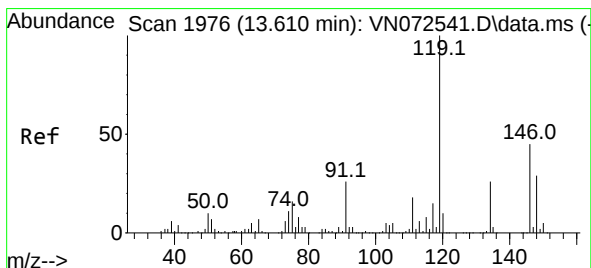
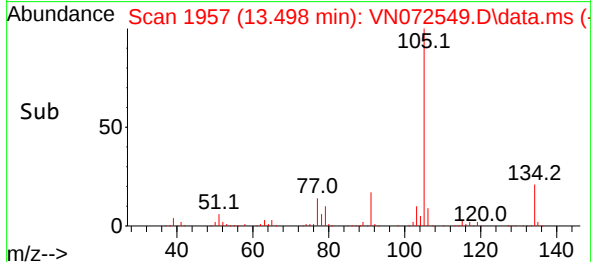
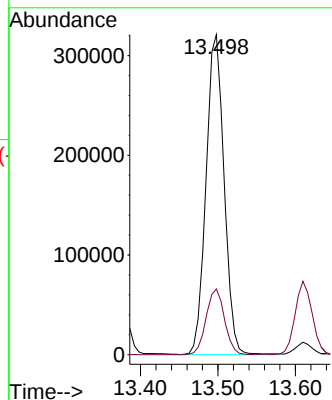
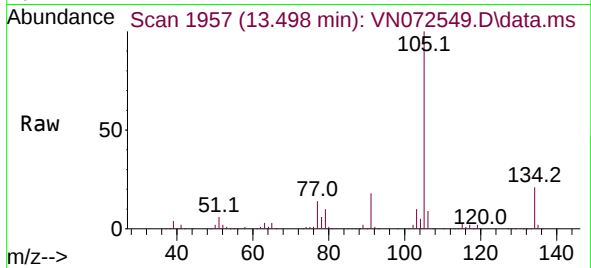




#85
 sec-Butylbenzene
 Concen: 57.113 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

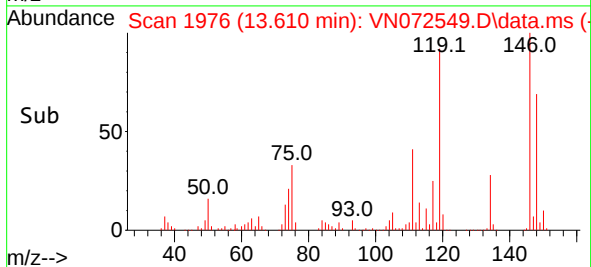
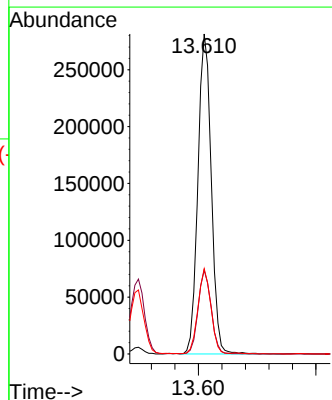
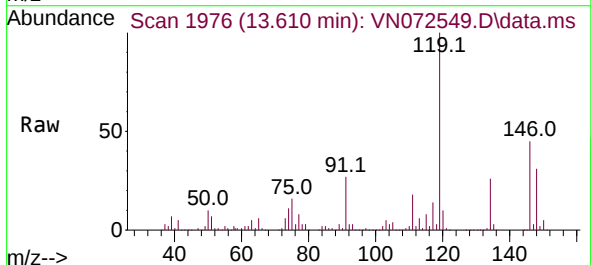
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

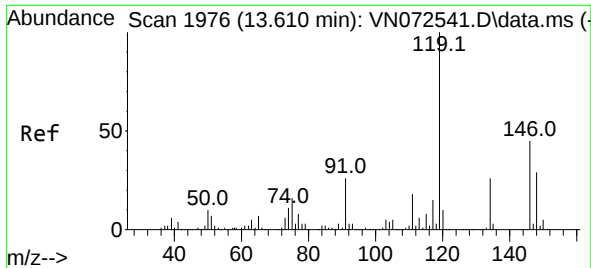
Tgt Ion:105 Resp: 519756
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 59.208 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

Tgt Ion:119 Resp: 443115
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 25.4 11.3 33.9

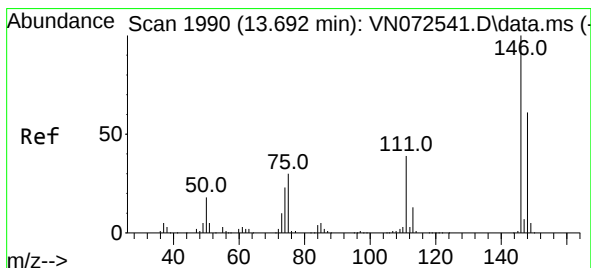
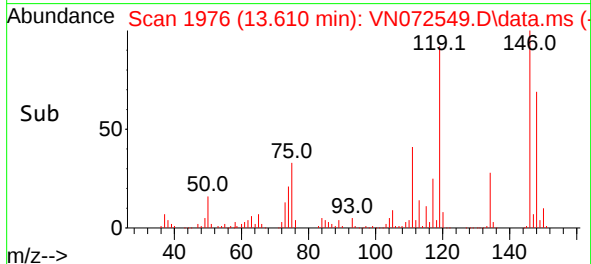
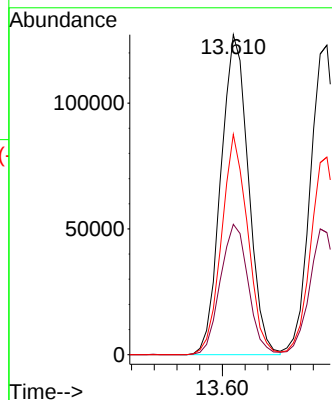
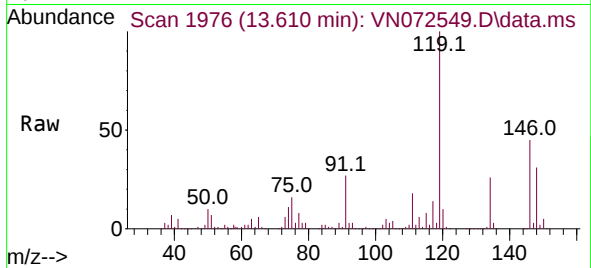




#87
1,3-Dichlorobenzene
Concen: 53.665 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

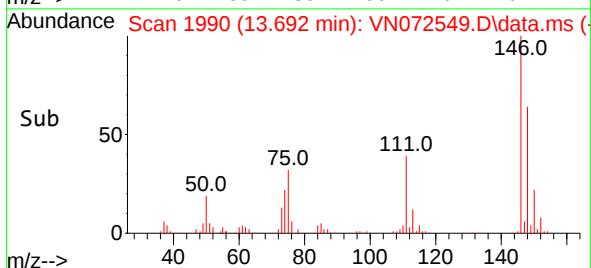
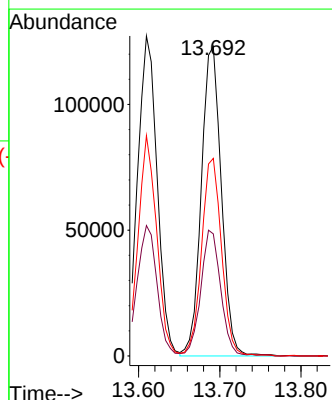
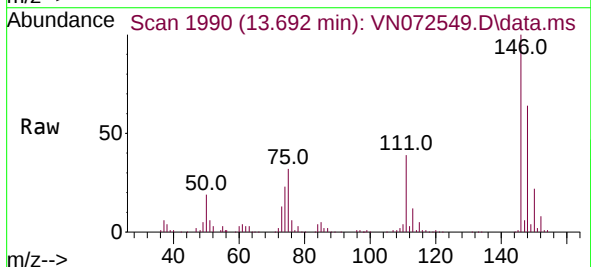
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

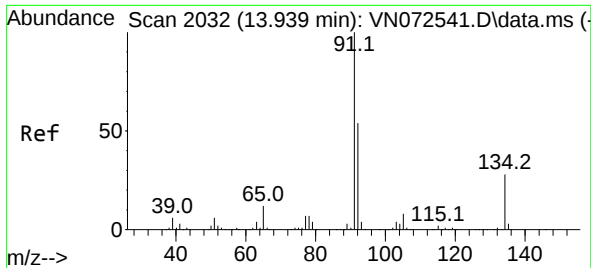
Tgt Ion:146 Resp: 214208
Ion Ratio Lower Upper
146 100
111 41.2 20.0 60.0
148 65.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 54.345 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:146 Resp: 210992
Ion Ratio Lower Upper
146 100
111 40.6 19.1 57.1
148 63.8 31.4 94.3

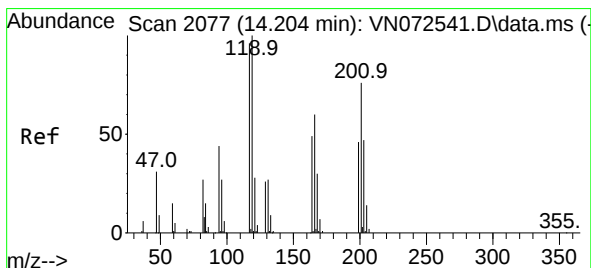
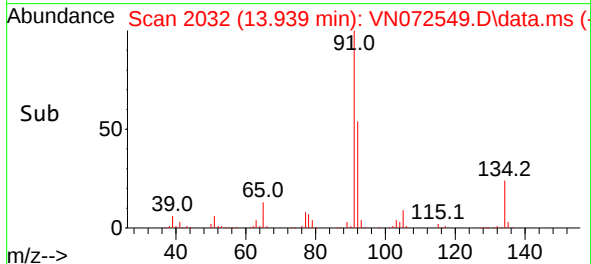
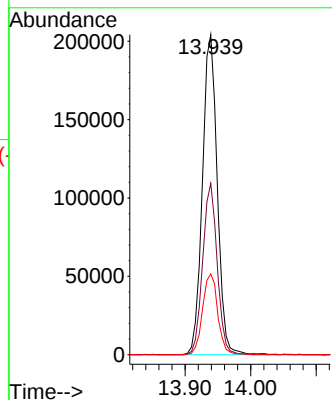
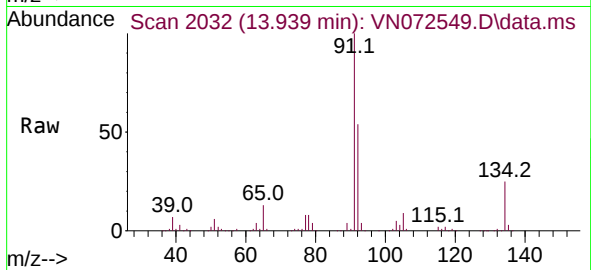




#89
n-Butylbenzene
Concen: 56.850 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

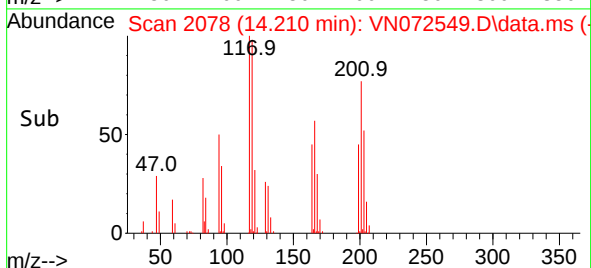
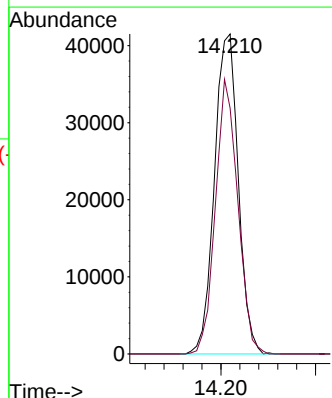
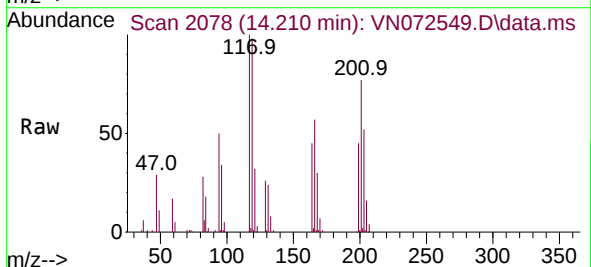
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

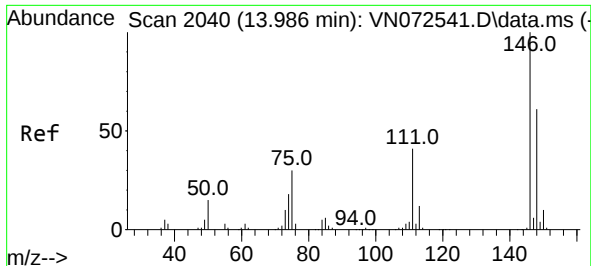
Tgt Ion: 91 Resp: 322068
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 25.8 13.6 40.8



#90
Hexachloroethane
Concen: 54.145 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion: 117 Resp: 72498
Ion Ratio Lower Upper
117 100
201 80.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 52.685 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

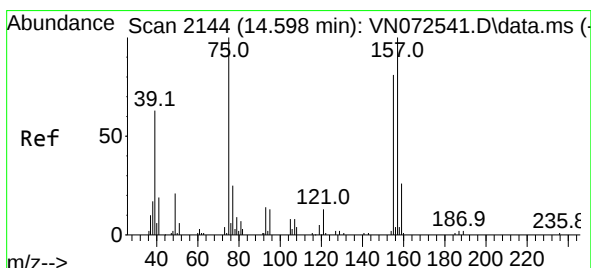
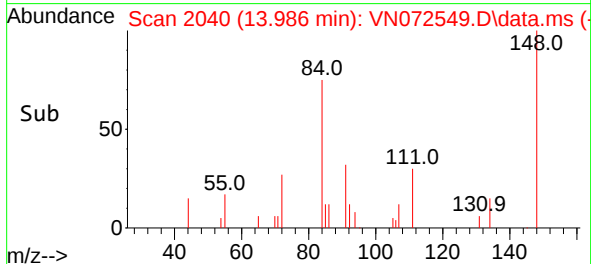
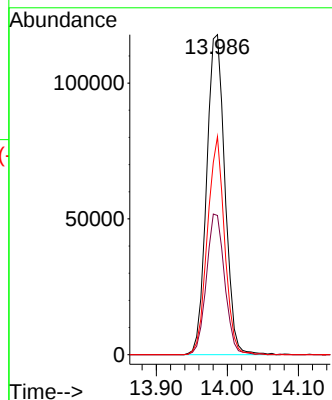
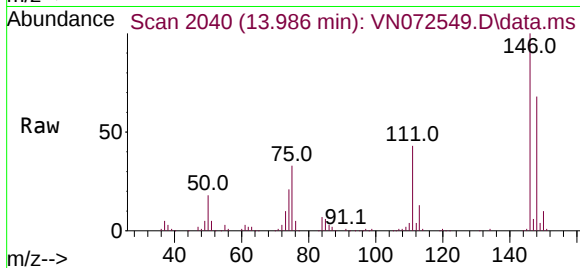
Tgt Ion:146 Resp: 210915

Ion Ratio Lower Upper

146 100

111 44.0 20.9 62.8

148 63.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.405 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072549.D

Acq: 19 May 2022 11:39

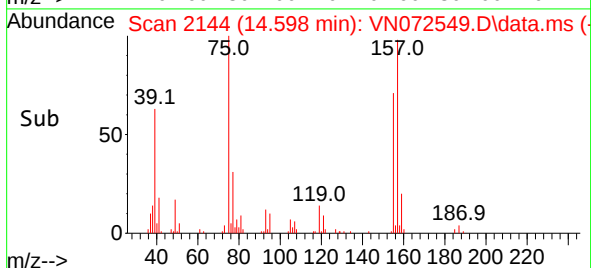
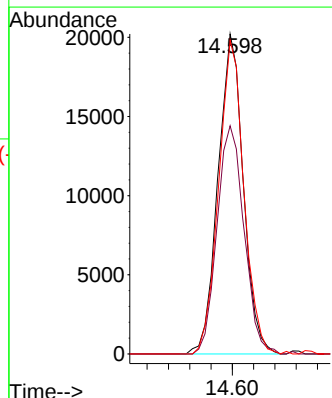
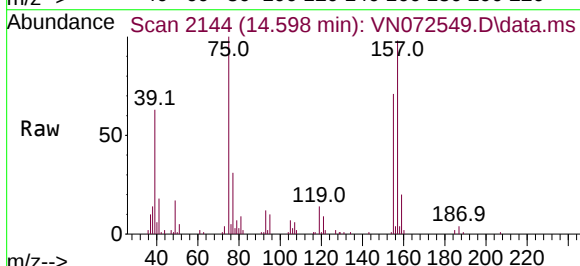
Tgt Ion: 75 Resp: 33173

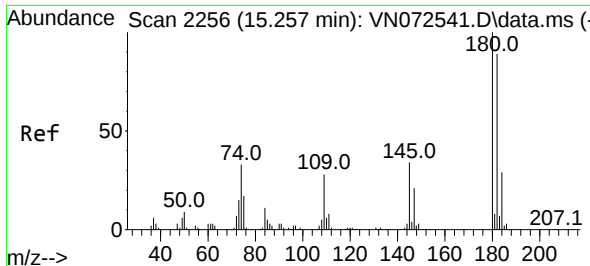
Ion Ratio Lower Upper

75 100

155 76.3 44.9 134.5

157 97.8 59.0 176.8

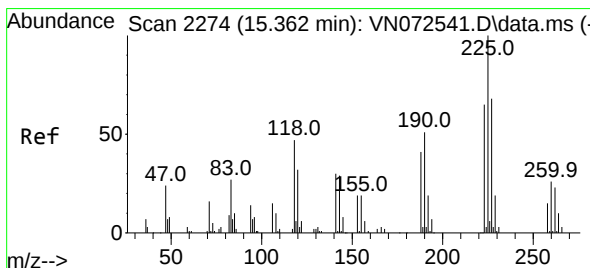
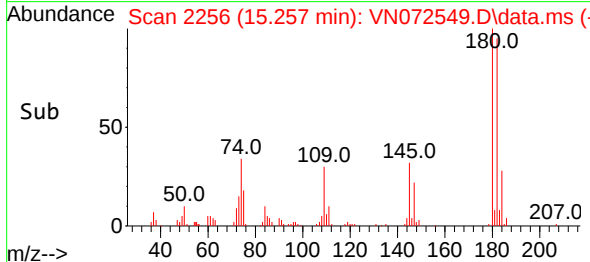
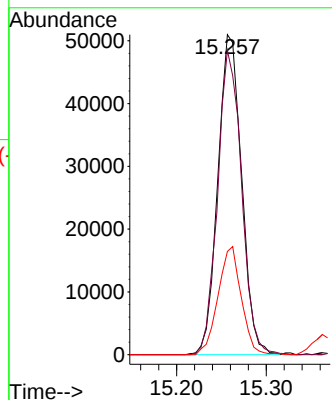
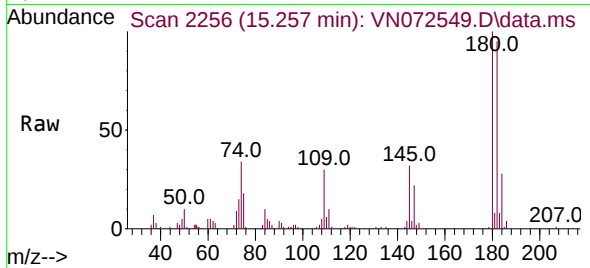




#93
 1,2,4-Trichlorobenzene
 Concen: 53.617 ug/l
 RT: 15.257 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

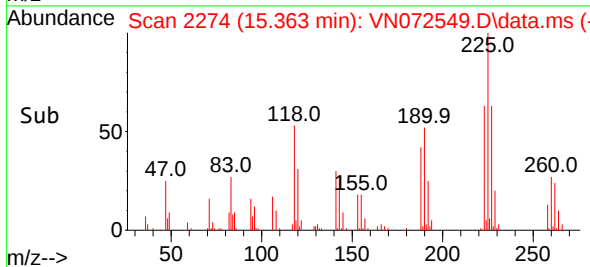
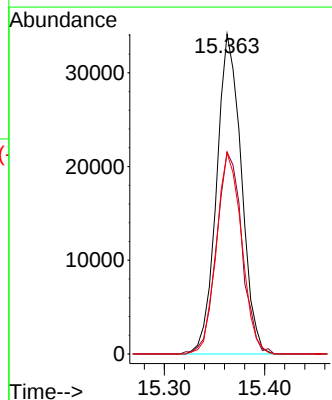
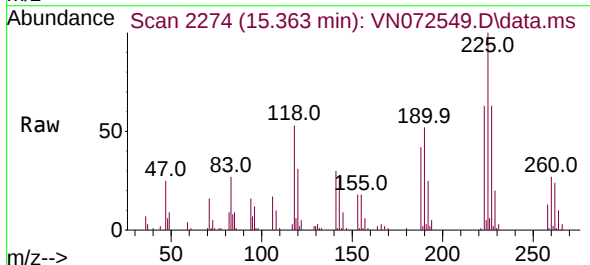
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

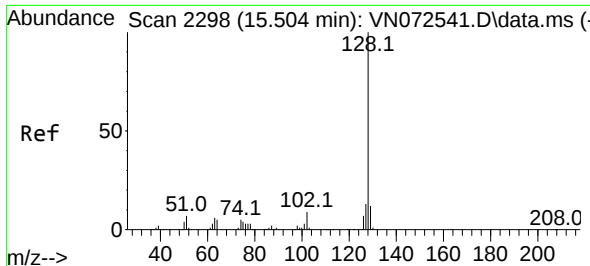
Tgt Ion:180 Resp: 93793
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.5 142.5
 145 33.0 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 53.093 ug/l
 RT: 15.363 min Scan# 2274
 Delta R.T. 0.001 min
 Lab File: VN072549.D
 Acq: 19 May 2022 11:39

Tgt Ion:225 Resp: 58331
 Ion Ratio Lower Upper
 225 100
 223 65.2 32.4 97.2
 227 64.2 31.8 95.4

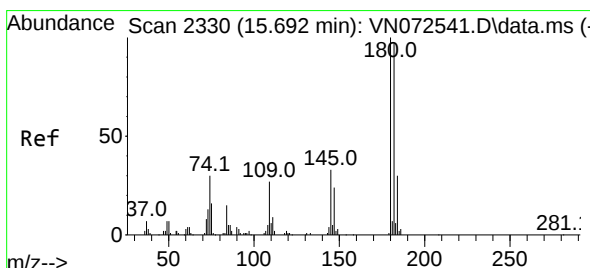
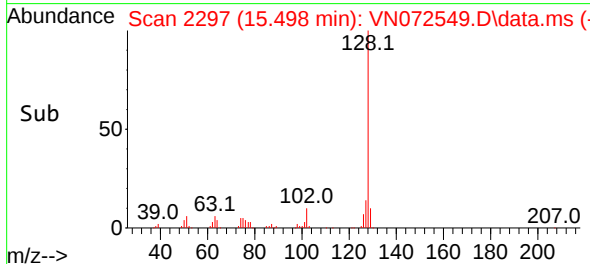
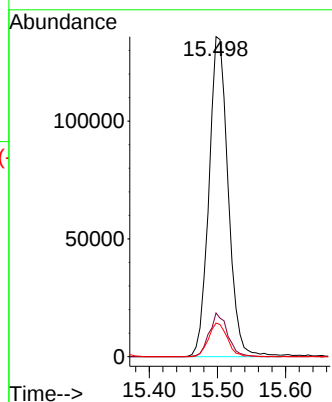
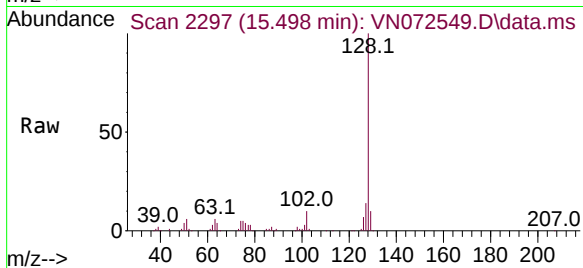




#95
Naphthalene
Concen: 52.579 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 266530
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.857 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072549.D
Acq: 19 May 2022 11:39

Tgt Ion:180 Resp: 93565
Ion Ratio Lower Upper
180 100
182 98.2 47.8 143.3
145 33.4 15.5 46.5

