

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072538.D
 Acq On : 18 May 2022 13:30
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 18 15:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	164289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	255419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	244180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	97500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	13055	5.167	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	10.340%#
35) Dibromofluoromethane	8.010	113	8617	5.047	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	10.100%#
50) Toluene-d8	10.433	98	31786	4.901	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	9.800%#
62) 4-Bromofluorobenzene	12.727	95	11291	5.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	10.220%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	9711	4.884	ug/l	97
3) Chloromethane	2.293	50	8063	3.833	ug/l	92
4) Vinyl Chloride	2.446	62	7505	4.537	ug/l	93
5) Bromomethane	2.804	94	7790	7.402	ug/l	94
6) Chloroethane	2.922	64	8325	7.404	ug/l	97
7) Trichlorofluoromethane	3.299	101	17009	5.421	ug/l	94
8) Diethyl Ether	3.816	74	5239	4.728	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.175	101	8092	4.788	ug/l	98
10) Methyl Iodide	4.393	142	9239	4.152	ug/l #	74
11) Tert butyl alcohol	5.422	59	3689	9.696	ug/l #	87
12) 1,1-Dichloroethene	4.146	96	6966	4.408	ug/l	91
13) Acrolein	4.034	56	9057	23.840	ug/l	94
14) Allyl chloride	4.804	41	11095	3.767	ug/l	92
15) Acrylonitrile	5.551	53	21447	19.892	ug/l	98
16) Acetone	4.298	43	18738	19.787	ug/l #	86
17) Carbon Disulfide	4.498	76	17147	4.177	ug/l	97
18) Methyl Acetate	4.857	43	11435	4.086	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	26730	4.581	ug/l	94
20) Methylene Chloride	5.063	84	9101	4.564	ug/l	96
21) trans-1,2-Dichloroethene	5.575	96	7511	4.451	ug/l #	94
22) Diisopropyl ether	6.492	45	25474	4.214	ug/l #	99
23) Vinyl Acetate	6.428	43	105470	20.851	ug/l	98
24) 1,1-Dichloroethane	6.363	63	15984	4.665	ug/l	96
25) 2-Butanone	7.339	43	28648	19.041	ug/l	89
26) 2,2-Dichloropropane	7.316	77	13730	4.715	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	9756	4.842	ug/l	90
28) Bromochloromethane	7.645	49	5911	4.051	ug/l #	93
29) Tetrahydrofuran	7.686	42	16353	16.750	ug/l	96
30) Chloroform	7.810	83	17957	5.091	ug/l	94
31) Cyclohexane	8.081	56	16564	5.146	ug/l #	83
32) 1,1,1-Trichloroethane	7.998	97	16049	4.932	ug/l	91
36) 1,1-Dichloropropene	8.210	75	11861	4.959	ug/l	91
37) Ethyl Acetate	7.404	43	11773	4.195	ug/l #	82
38) Carbon Tetrachloride	8.198	117	14108	5.224	ug/l	96
39) Methylcyclohexane	9.457	83	12717	4.762	ug/l	96
40) Benzene	8.451	78	33734	4.727	ug/l	92

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 Sample : VSTDIC005
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 ALS Vial : 6 Sample Multiplier: 1

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 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: May 18 15:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	5022	3.541	ug/l	92
42) 1,2-Dichloroethane	8.522	62	15780	5.422	ug/l	92
43) Isopropyl Acetate	8.557	43	20272	4.613	ug/l	98
44) Trichloroethene	9.204	130	8859	4.875	ug/l	93
45) 1,2-Dichloropropane	9.486	63	8003	4.464	ug/l #	83
46) Dibromomethane	9.569	93	6680	5.257	ug/l	89
47) Bromodichloromethane	9.757	83	13192	5.051	ug/l #	87
48) Methyl methacrylate	9.557	41	9416	4.637	ug/l #	86
49) 1,4-Dioxane	9.575	88	1442	44.553	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	61808	22.444	ug/l	94
52) Toluene	10.504	92	22202	4.985	ug/l	97
53) t-1,3-Dichloropropene	10.710	75	13450	5.020	ug/l	89
54) cis-1,3-Dichloropropene	10.186	75	12941	4.580	ug/l #	88
55) 1,1,2-Trichloroethane	10.898	97	9834	5.241	ug/l #	88
56) Ethyl methacrylate	10.757	69	12490	4.642	ug/l #	81
57) 1,3-Dichloropropane	11.039	76	15457	4.876	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.033	63	15067	26.983	ug/l	97
59) 2-Hexanone	11.080	43	41929	21.810	ug/l	90
60) Dibromochloromethane	11.239	129	10938	5.463	ug/l	98
61) 1,2-Dibromoethane	11.345	107	10097	5.391	ug/l	91
64) Tetrachloroethene	10.974	164	8450	4.874	ug/l	90
65) Chlorobenzene	11.769	112	25287	5.101	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	10190	5.129	ug/l	96
67) Ethyl Benzene	11.839	91	39085	4.581	ug/l	94
68) m/p-Xylenes	11.951	106	31750	9.779	ug/l	96
69) o-Xylene	12.280	106	15870	4.967	ug/l	94
70) Styrene	12.292	104	23957	4.872	ug/l	93
71) Bromoform	12.457	173	7547	5.173	ug/l #	96
73) Isopropylbenzene	12.580	105	39804	4.956	ug/l	97
74) N-amyl acetate	12.380	43	12860	4.606	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.821	83	13449	4.731	ug/l	98
76) 1,2,3-Trichloropropane	12.880	75	17183	6.840	ug/l #	1
77) Bromobenzene	12.857	156	10525	5.476	ug/l	95
78) n-propylbenzene	12.916	91	42073	4.883	ug/l	96
79) 2-Chlorotoluene	13.004	91	29096	5.100	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	34643	5.214	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	3636	4.882	ug/l	87
82) 4-Chlorotoluene	13.098	91	27750	5.159	ug/l	94
83) tert-Butylbenzene	13.321	119	29672	5.182	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	32740	5.130	ug/l	94
85) sec-Butylbenzene	13.492	105	37582	4.938	ug/l	100
86) p-Isopropyltoluene	13.615	119	29692	4.980	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	17587	5.330	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	16615	5.041	ug/l	87
89) n-Butylbenzene	13.939	91	21416	4.671	ug/l	97
90) Hexachloroethane	14.210	117	5922	4.975	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	16919	5.108	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	2776	5.430	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	5934	4.585	ug/l	97
94) Hexachlorobutadiene	15.357	225	5326	6.256	ug/l	88
95) Naphthalene	15.504	128	15909	4.270	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	6451	4.972	ug/l	94

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

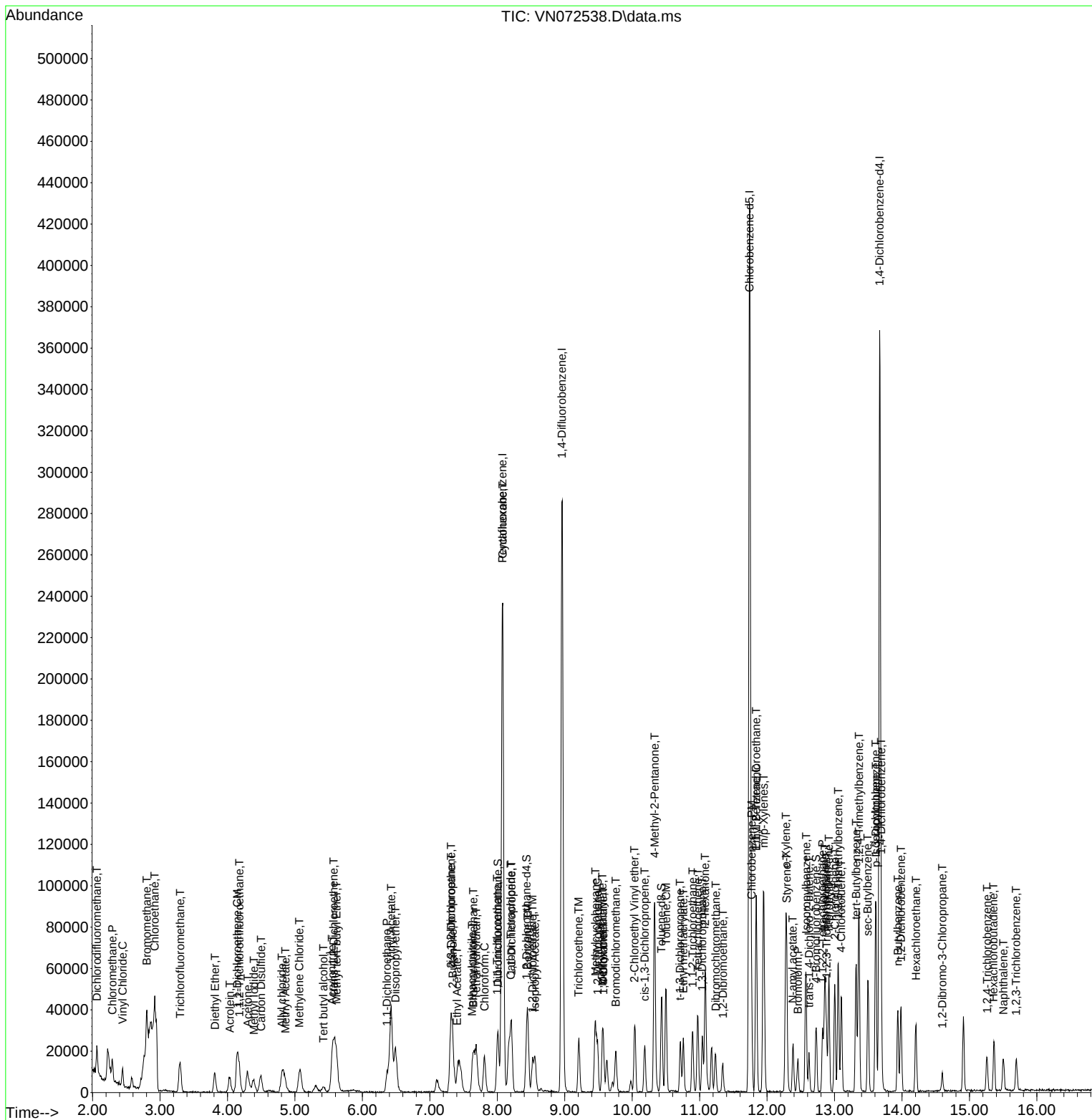
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Quant Title : SW846 8260
QLast Update : Wed May 18 15:21:12 2022
Response via : Initial Calibration

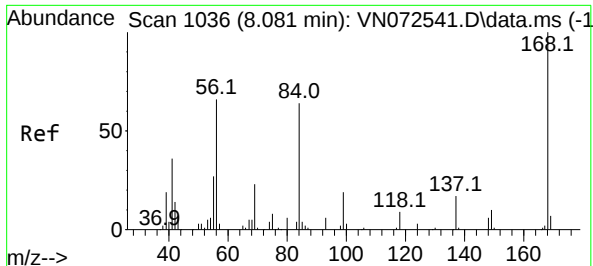
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: May 18 15:23:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Wed May 18 15:21:12 2022
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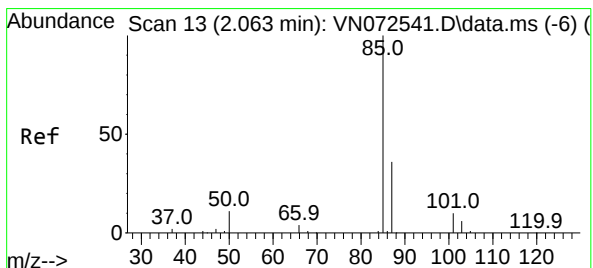
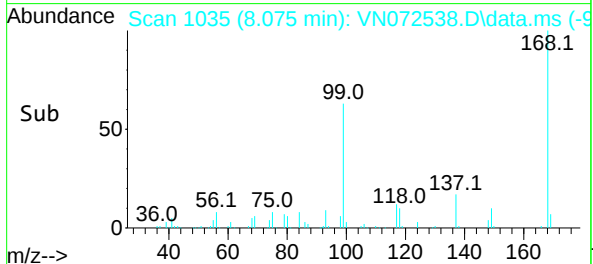
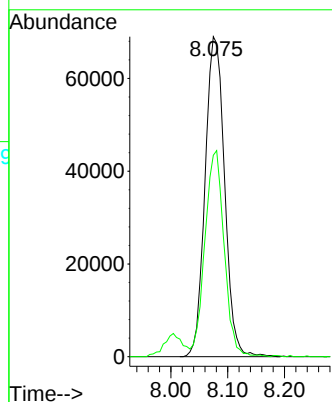
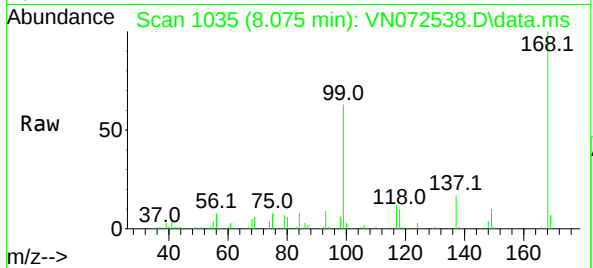




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN072538.D
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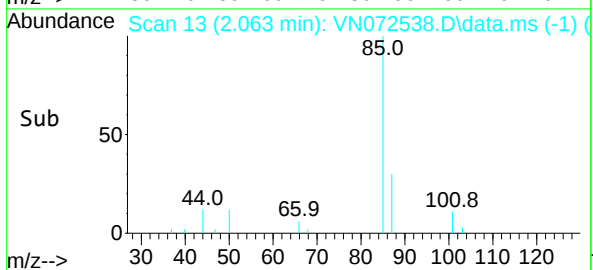
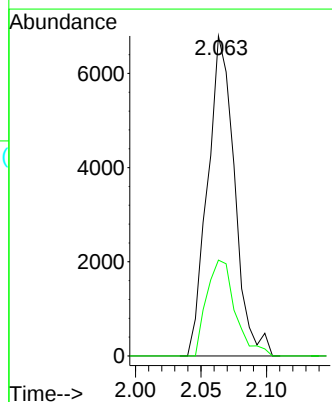
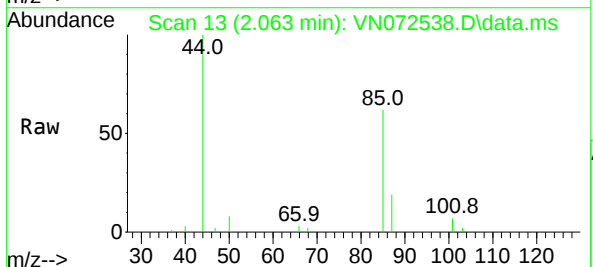
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

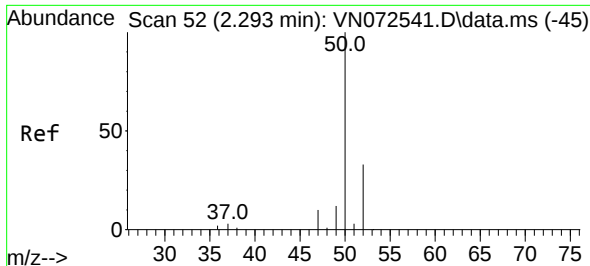
Tgt Ion:168 Resp: 164289
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 4.884 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 85 Resp: 9711
Ion Ratio Lower Upper
85 100
87 29.9 15.7 47.1

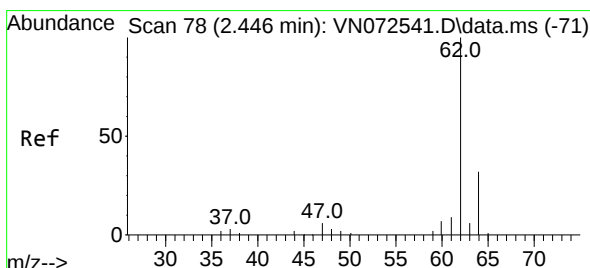
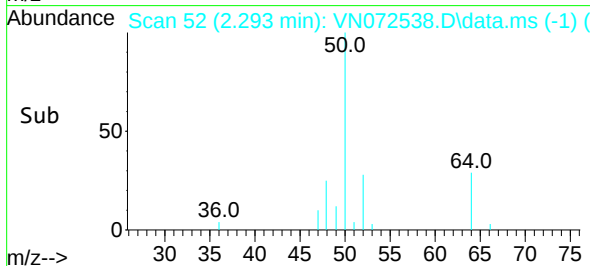
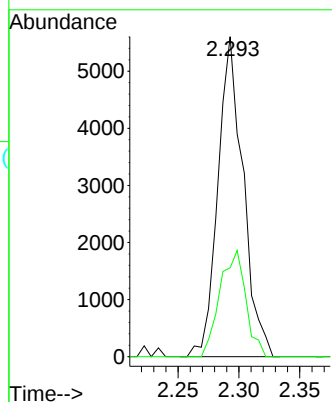
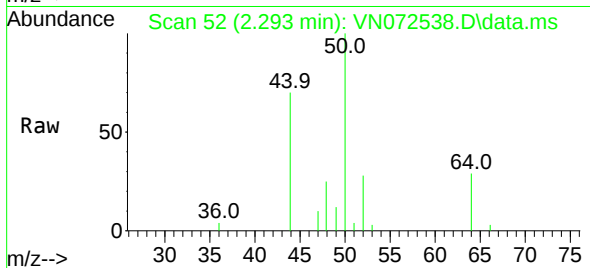




#3
Chloromethane
Concen: 3.833 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

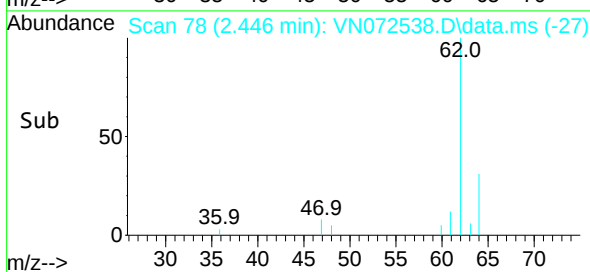
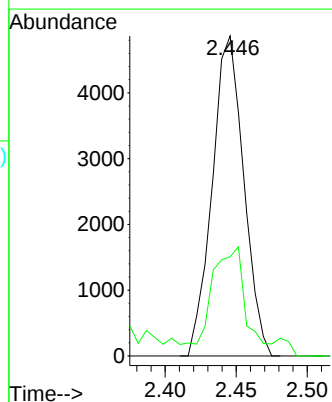
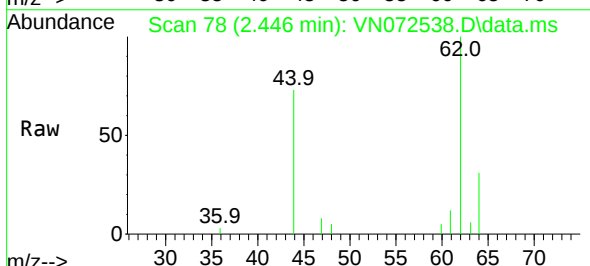
Instrument :
MSVOA_N
ClientSampleId :
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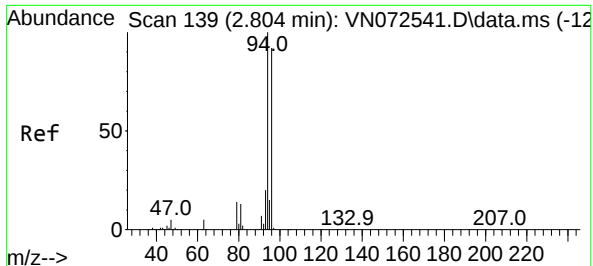
Tgt Ion: 50 Resp: 8063
Ion Ratio Lower Upper
50 100
52 27.8 25.7 38.5



#4
Vinyl Chloride
Concen: 4.537 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 62 Resp: 7505
Ion Ratio Lower Upper
62 100
64 27.4 25.0 37.4

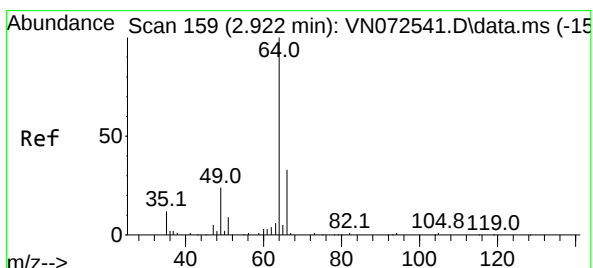
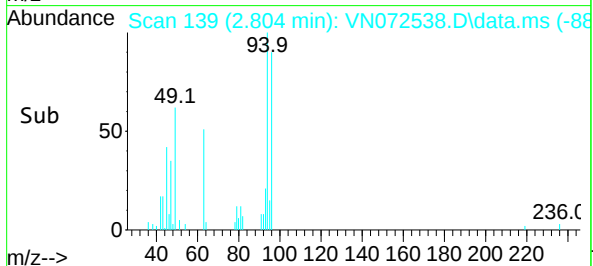
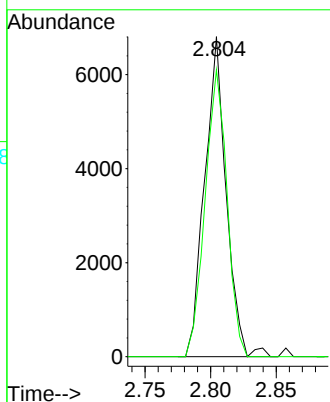
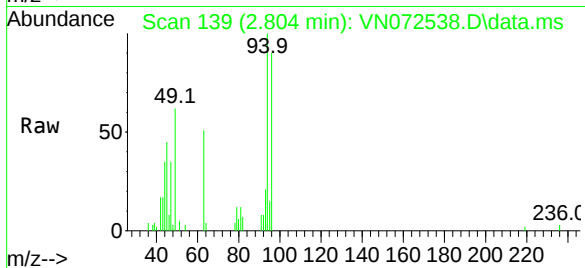




#5
Bromomethane
Concen: 7.402 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

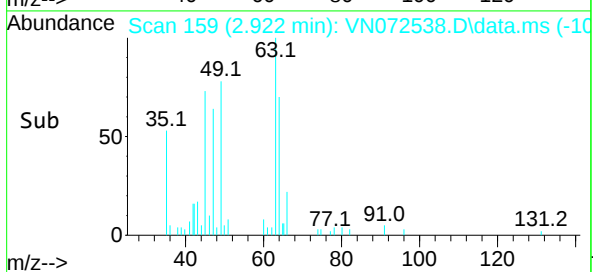
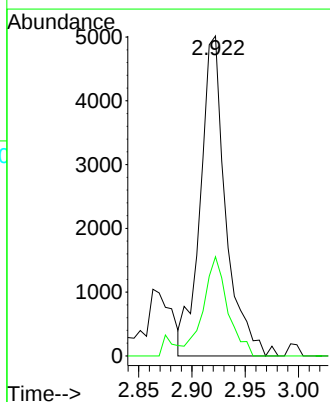
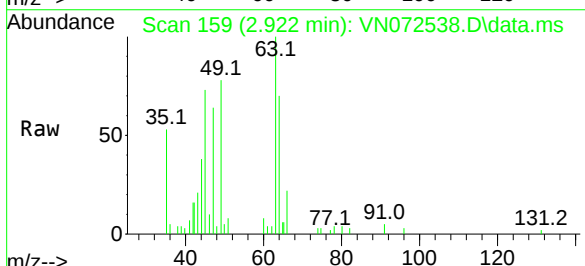
Instrument :
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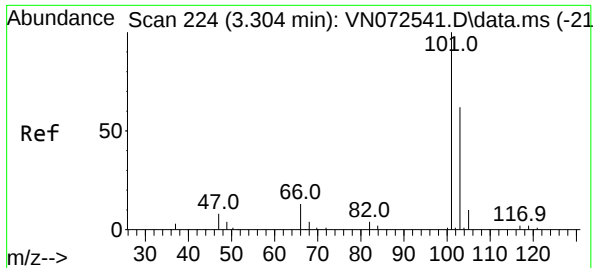
Tgt Ion: 94 Resp: 7790
Ion Ratio Lower Upper
94 100
96 89.6 76.0 114.0



#6
Chloroethane
Concen: 7.404 ug/l
RT: 2.922 min Scan# 159
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 64 Resp: 8325
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4

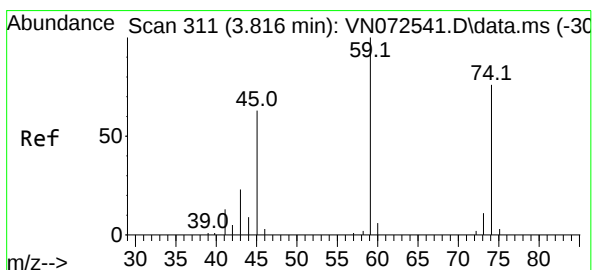
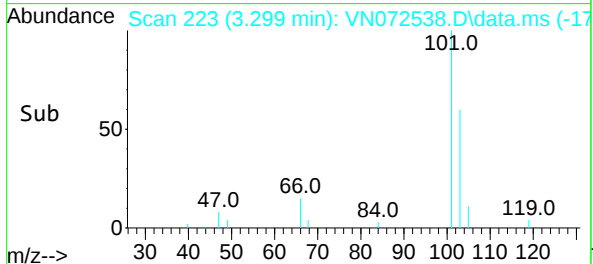
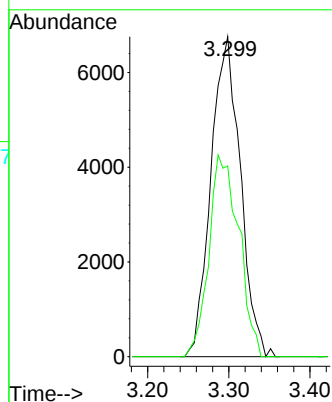
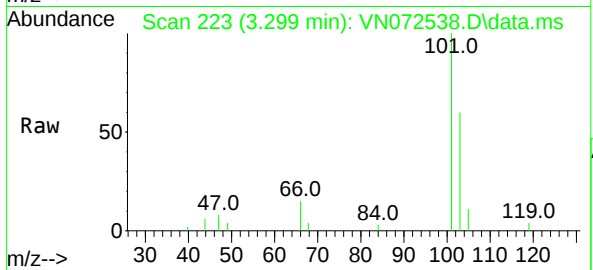




#7
Trichlorofluoromethane
Concen: 5.421 ug/l
RT: 3.299 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

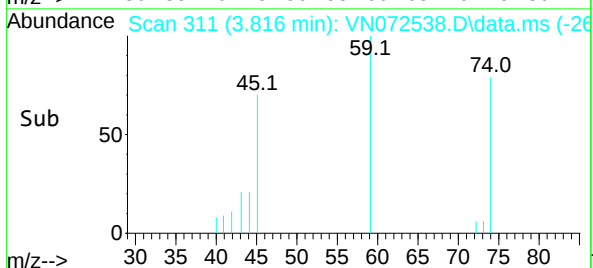
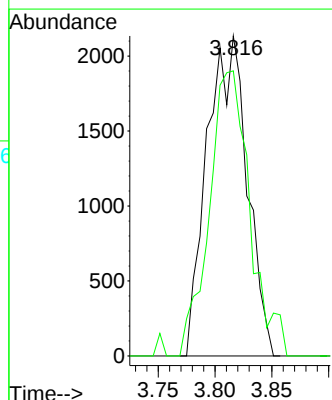
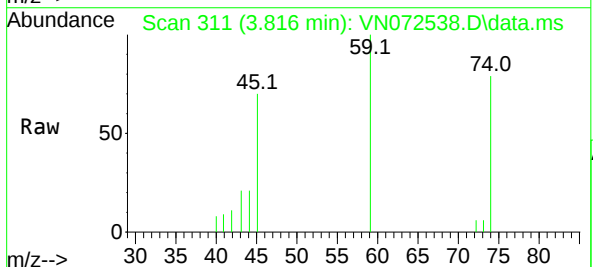
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

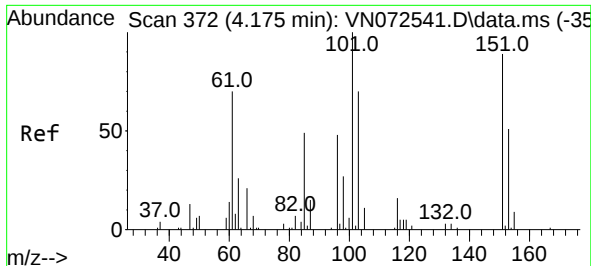
Tgt Ion:101 Resp: 17009
Ion Ratio Lower Upper
101 100
103 59.6 51.5 77.3



#8
Diethyl Ether
Concen: 4.728 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 74 Resp: 5239
Ion Ratio Lower Upper
74 100
45 90.2 42.9 128.5

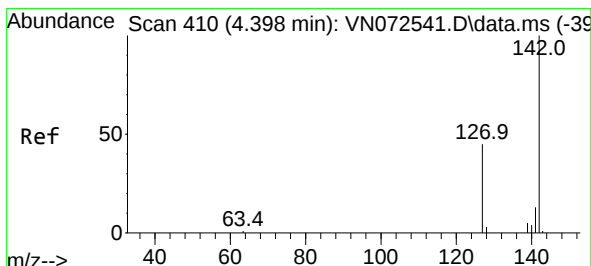
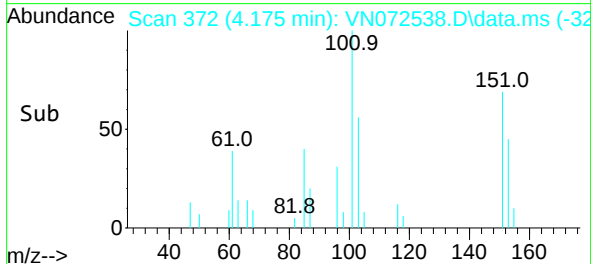
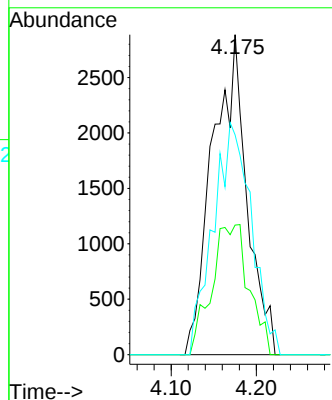
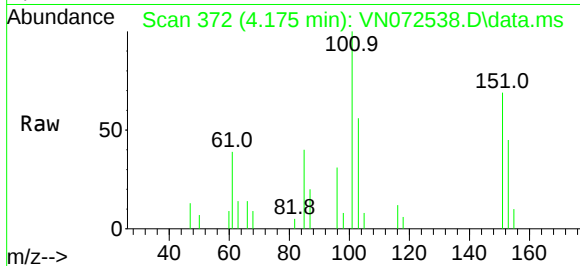




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.788 ug/l
 RT: 4.175 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

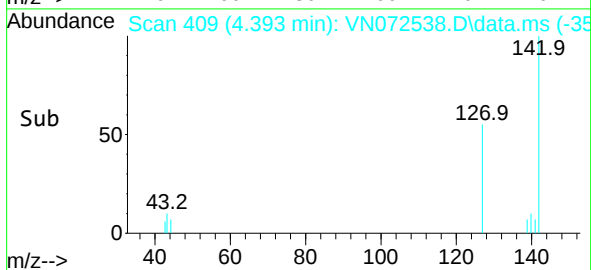
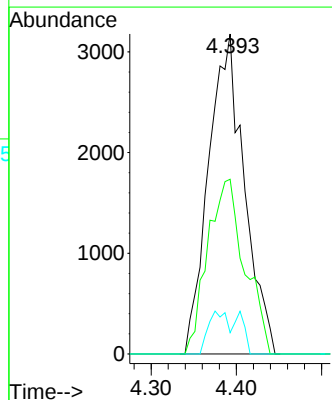
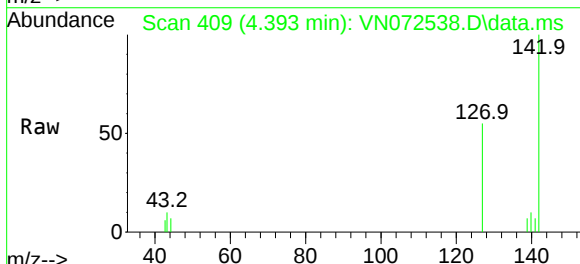
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

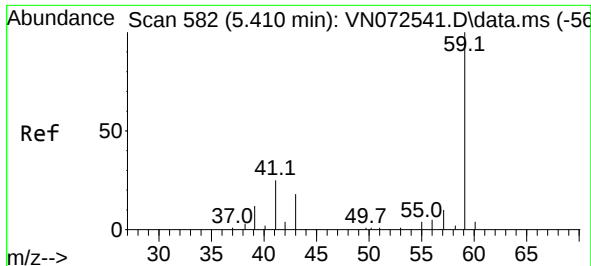
Tgt Ion:101 Resp: 8092
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.7 52.1
 151 80.4 63.0 94.4



#10
 Methyl Iodide
 Concen: 4.152 ug/l
 RT: 4.393 min Scan# 409
 Delta R.T. -0.006 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

Tgt Ion:142 Resp: 9239
 Ion Ratio Lower Upper
 142 100
 127 56.9 31.3 46.9#
 141 7.3 11.2 16.8#

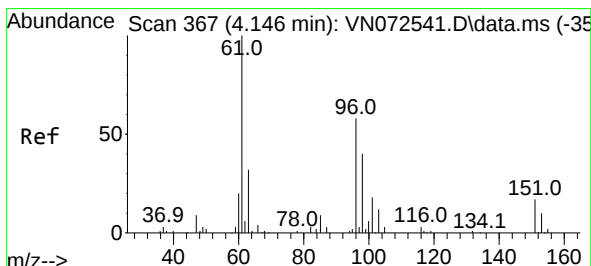
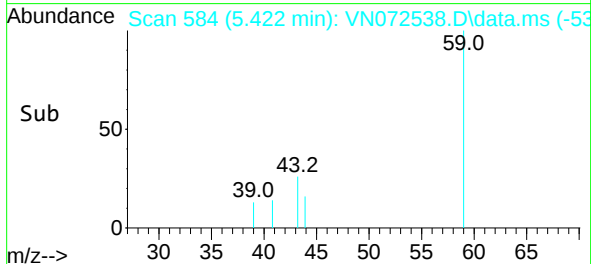
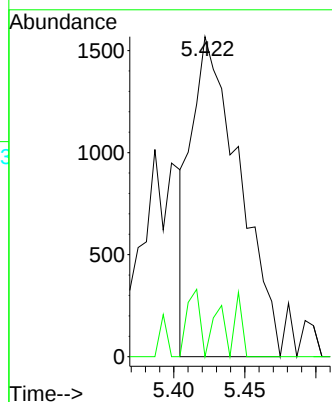
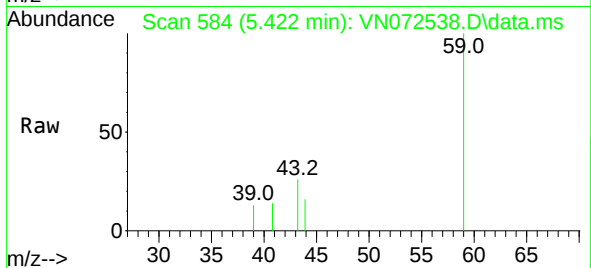




#11
Tert butyl alcohol
Concen: 9.696 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

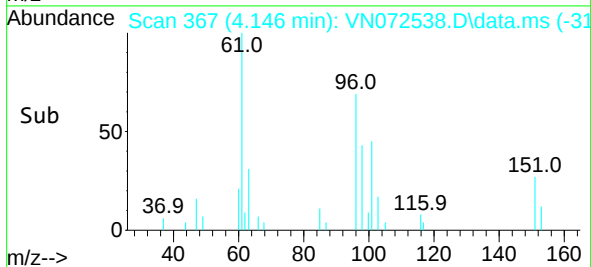
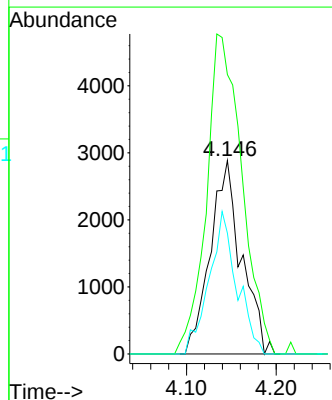
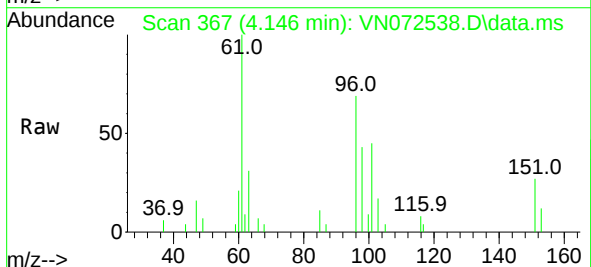
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

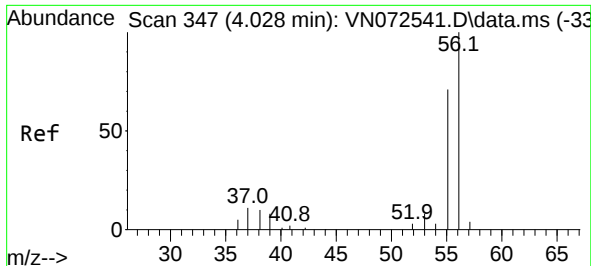
Tgt Ion: 59 Resp: 3689
Ion Ratio Lower Upper
59 100
57 5.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 4.408 ug/l
RT: 4.146 min Scan# 367
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 96 Resp: 6966
Ion Ratio Lower Upper
96 100
61 144.5 127.6 191.4
98 62.5 51.2 76.8

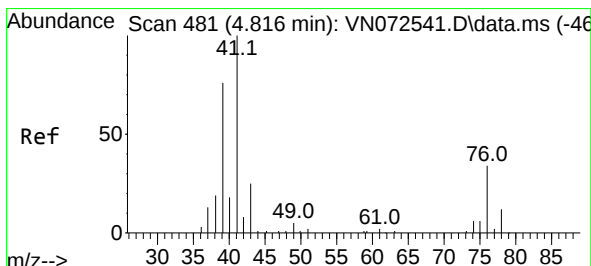
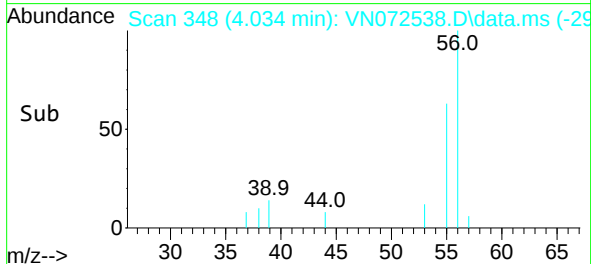
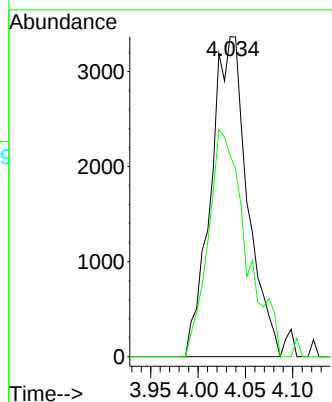
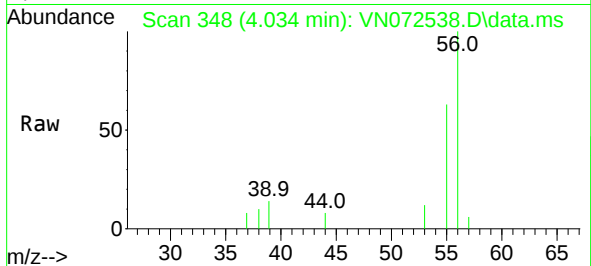




#13
Acrolein
Concen: 23.840 ug/l
RT: 4.034 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

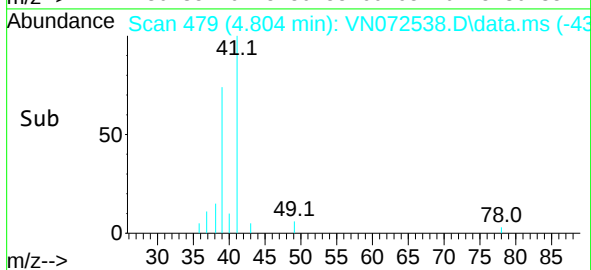
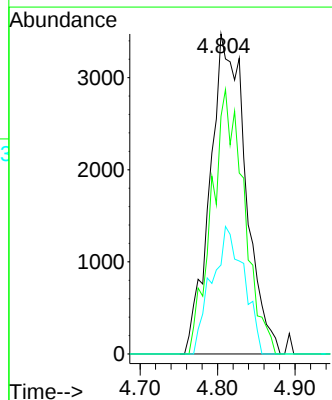
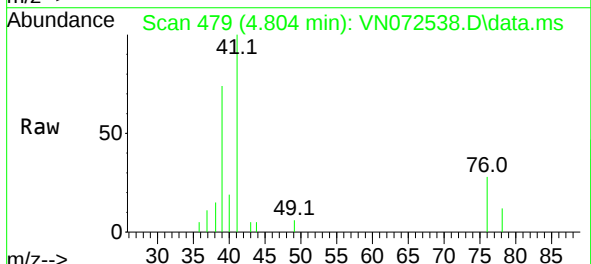
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

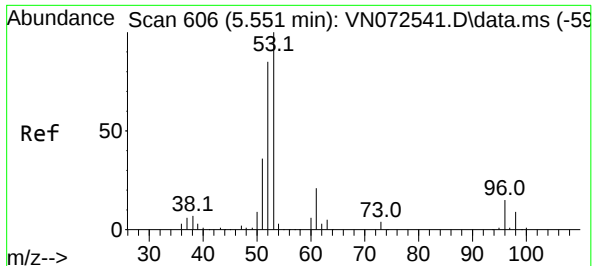
Tgt Ion: 56 Resp: 9057
Ion Ratio Lower Upper
56 100
55 73.3 54.8 82.2



#14
Allyl chloride
Concen: 3.767 ug/l
RT: 4.804 min Scan# 479
Delta R.T. -0.012 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 41 Resp: 11095
Ion Ratio Lower Upper
41 100
39 75.6 53.2 79.8
76 35.8 29.9 44.9

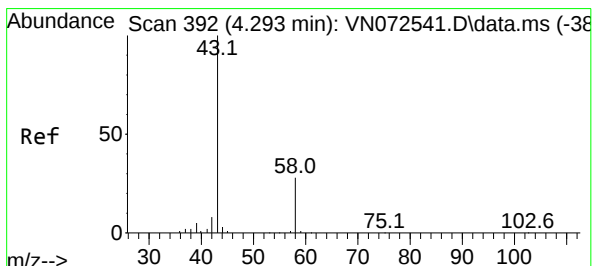
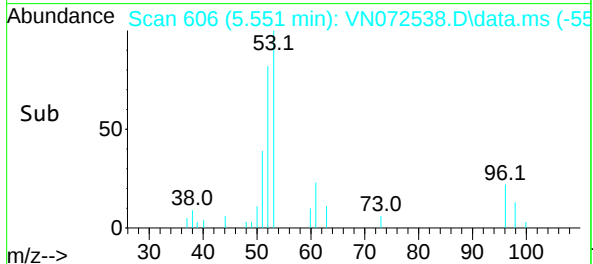
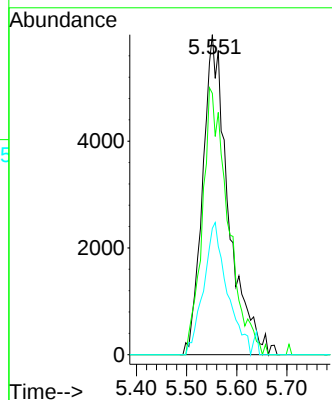
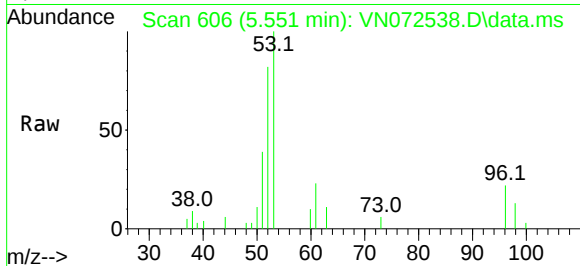




#15
Acrylonitrile
Concen: 19.892 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

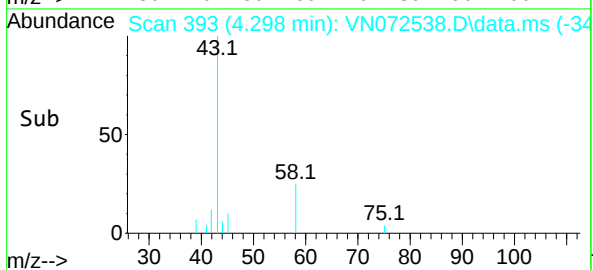
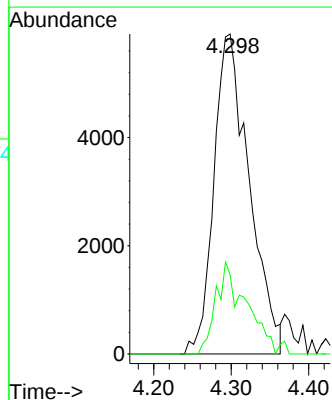
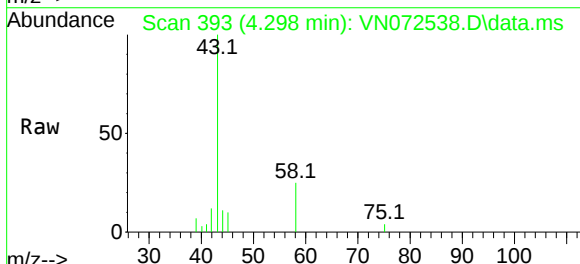
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

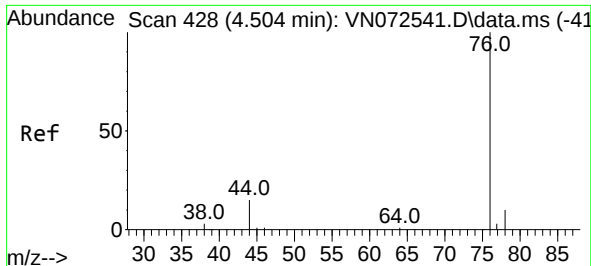
Tgt Ion:	53	Resp:	21447
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.4	99.6
51	37.8	28.5	42.7



#16
Acetone
Concen: 19.787 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:	43	Resp:	18738
Ion	Ratio	Lower	Upper
43	100		
58	24.8	26.0	39.0

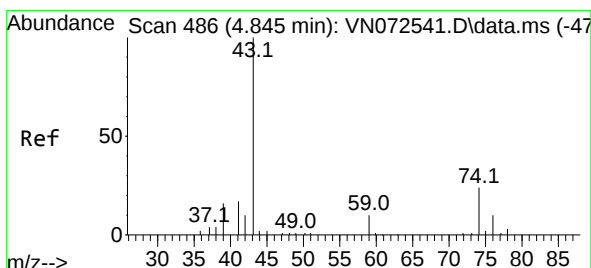
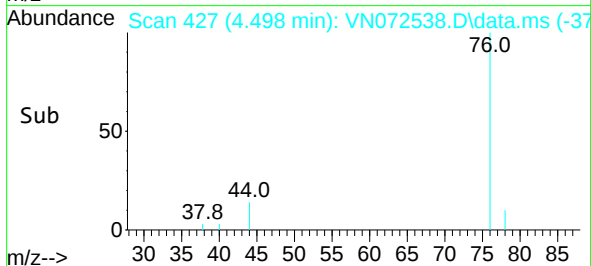
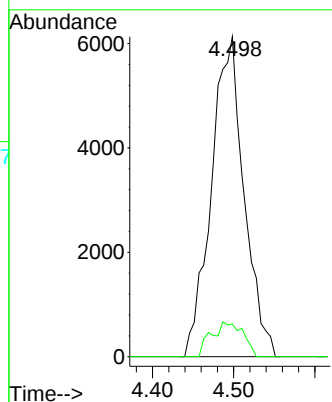
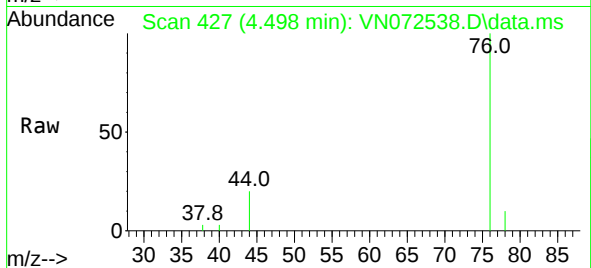




#17
Carbon Disulfide
Concen: 4.177 ug/l
RT: 4.498 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

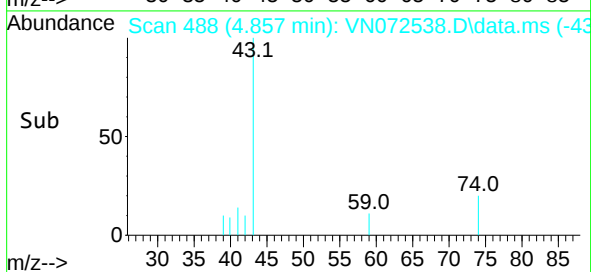
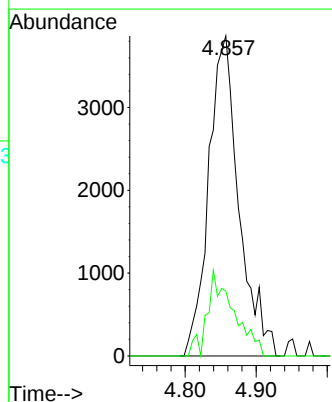
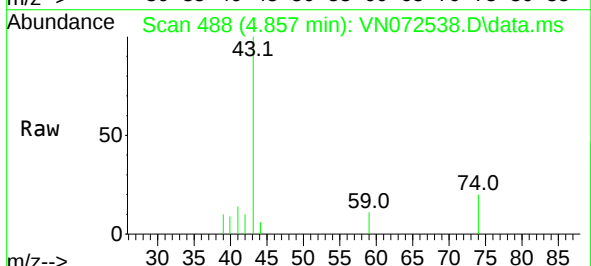
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

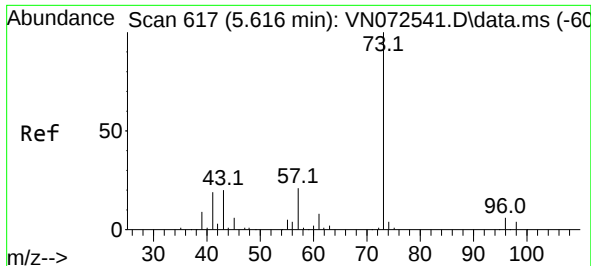
Tgt Ion: 76 Resp: 17147
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 4.086 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 43 Resp: 11435
Ion Ratio Lower Upper
43 100
74 23.6 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 4.581 ug/l

RT: 5.616 min Scan# 617

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

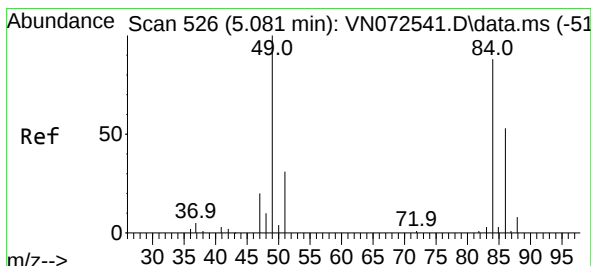
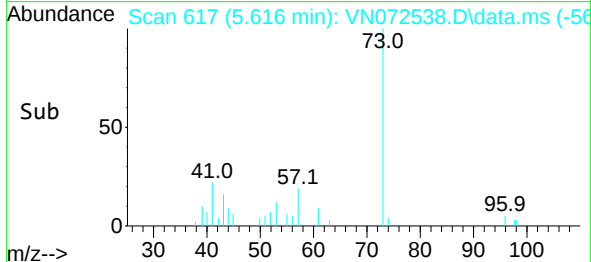
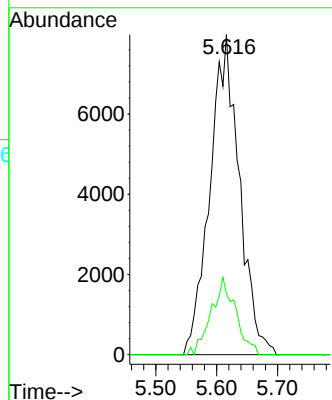
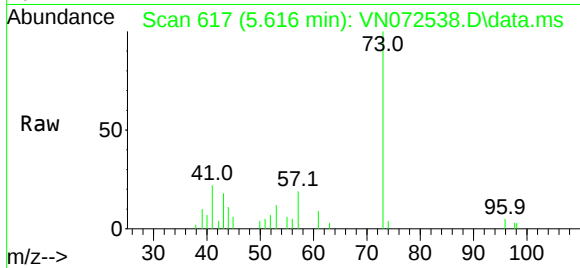
VSTDIC005

Tgt Ion: 73 Resp: 26730

Ion Ratio Lower Upper

73 100

57 19.0 17.6 26.4



#20

Methylene Chloride

Concen: 4.564 ug/l

RT: 5.063 min Scan# 523

Delta R.T. -0.018 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Tgt Ion: 84 Resp: 9101

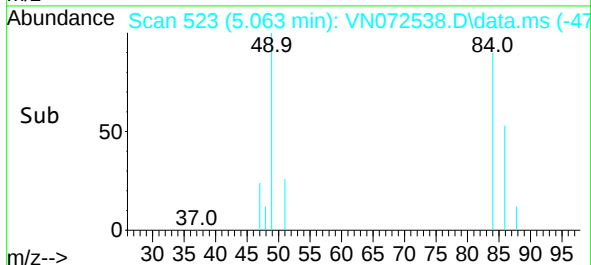
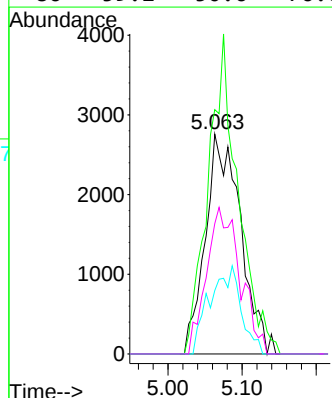
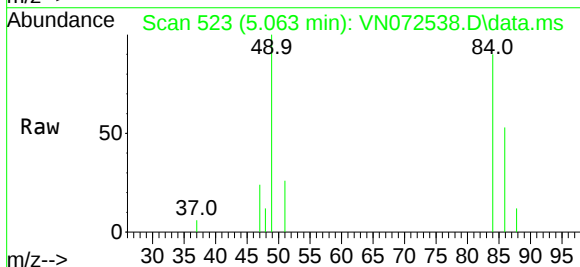
Ion Ratio Lower Upper

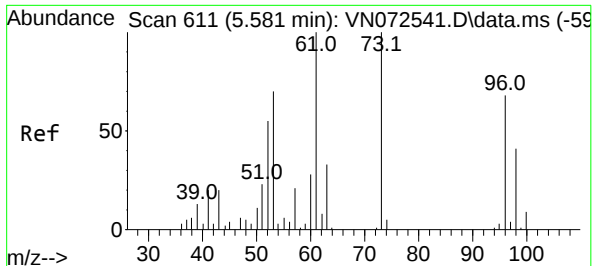
84 100

49 111.1 88.3 132.5

51 28.8 28.2 42.2

86 59.2 50.6 76.0

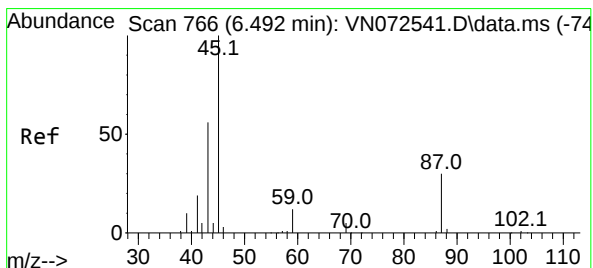
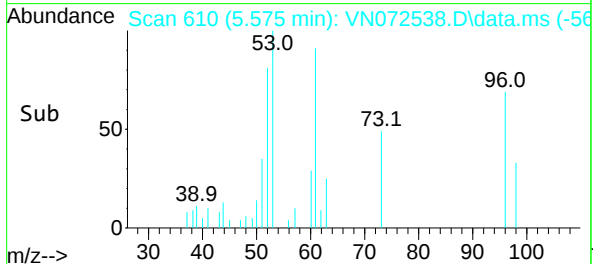
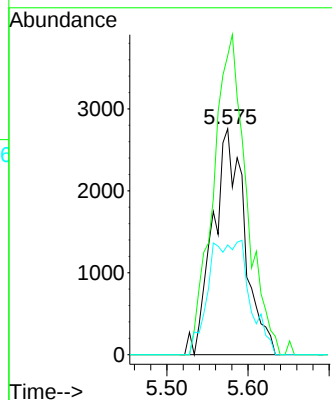
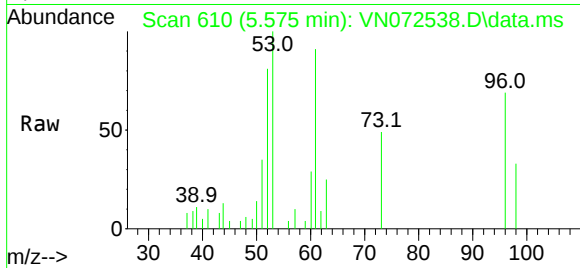




#21
trans-1,2-Dichloroethene
Concen: 4.451 ug/l
RT: 5.575 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

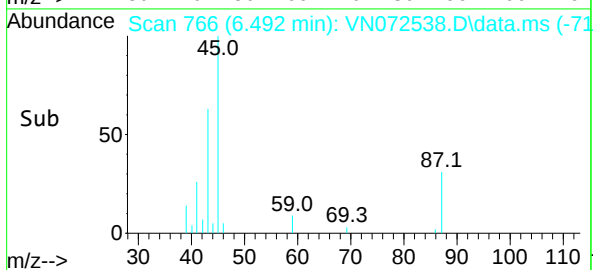
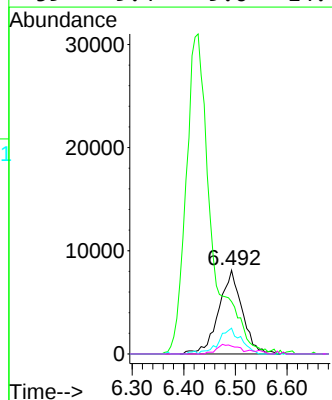
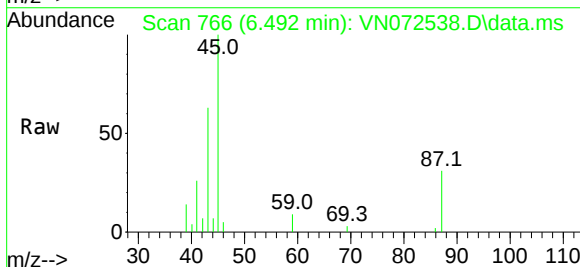
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

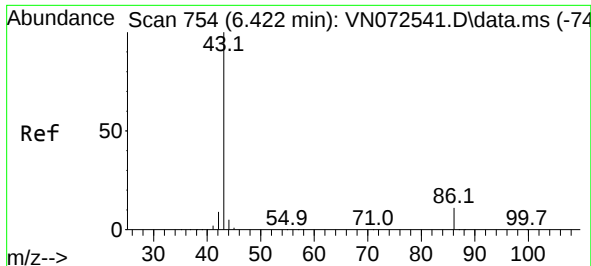
Tgt Ion: 96 Resp: 7511
Ion Ratio Lower Upper
96 100
61 132.3 105.8 158.8
98 48.5 50.3 75.5#



#22
Diisopropyl ether
Concen: 4.214 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 45 Resp: 25474
Ion Ratio Lower Upper
45 100
43 58.2 46.6 70.0
87 30.7 24.3 36.5
59 9.4 9.6 14.4#

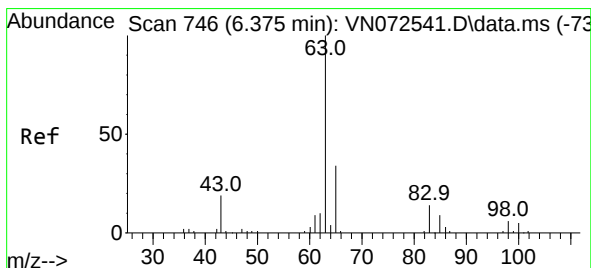
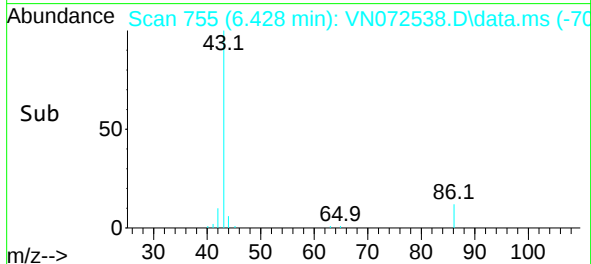
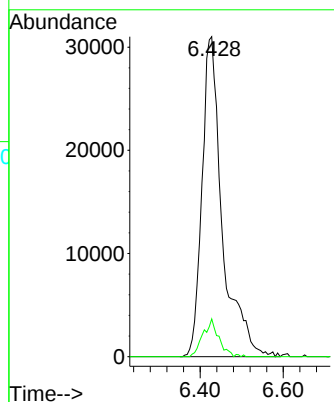
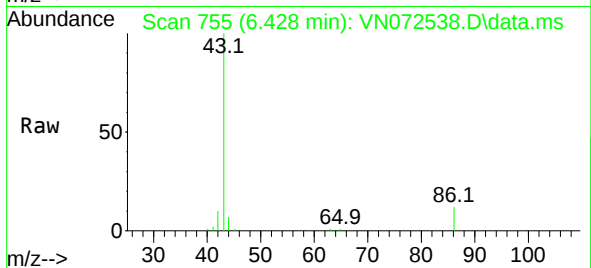




#23
 Vinyl Acetate
 Concen: 20.851 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

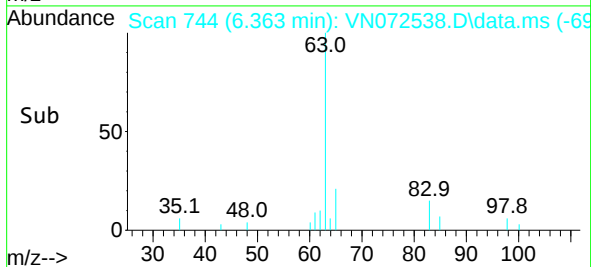
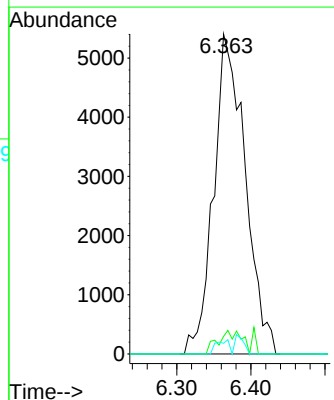
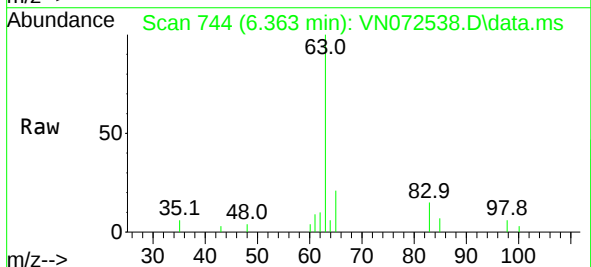
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

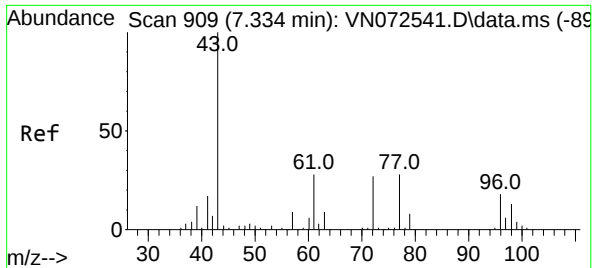
Tgt Ion: 43 Resp: 105470
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 4.665 ug/l
 RT: 6.363 min Scan# 744
 Delta R.T. -0.012 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

Tgt Ion: 63 Resp: 15984
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.5 10.4
 100 3.4 2.3 6.8

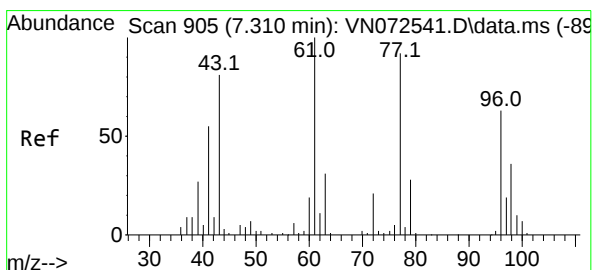
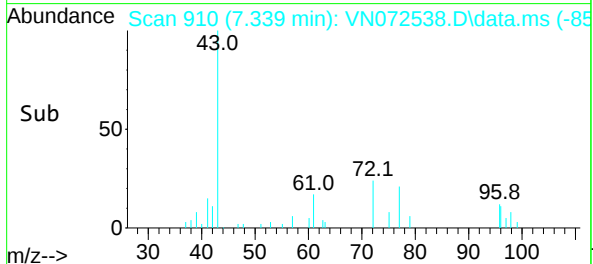
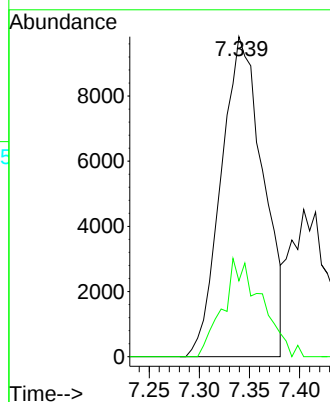
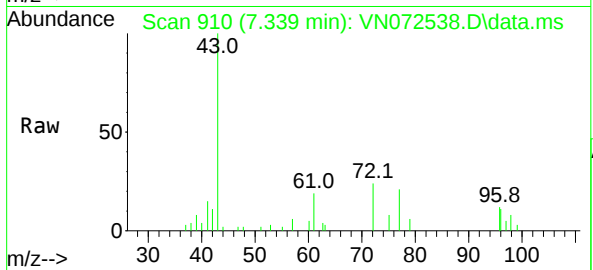




#25
2-Butanone
Concen: 19.041 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

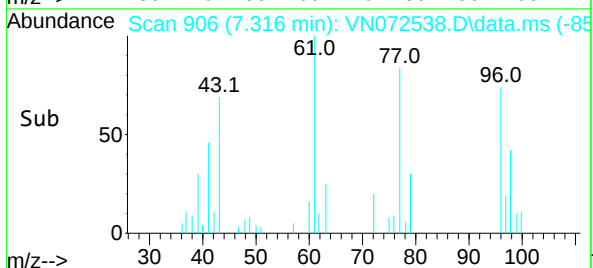
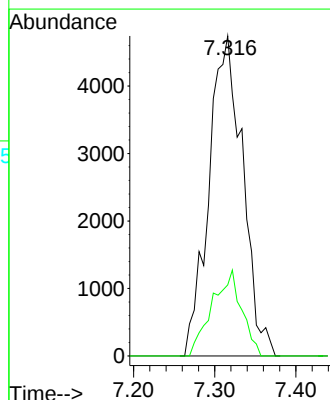
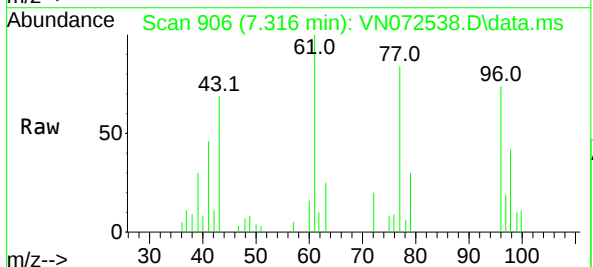
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

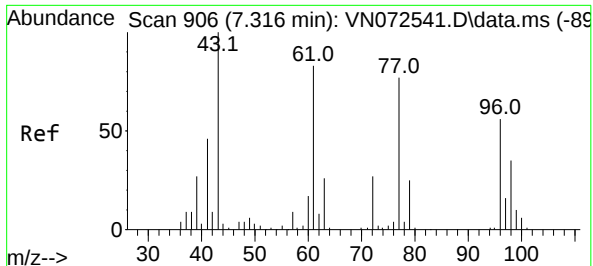
Tgt Ion: 43 Resp: 28648
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5



#26
2,2-Dichloropropane
Concen: 4.715 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 77 Resp: 13730
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.842 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

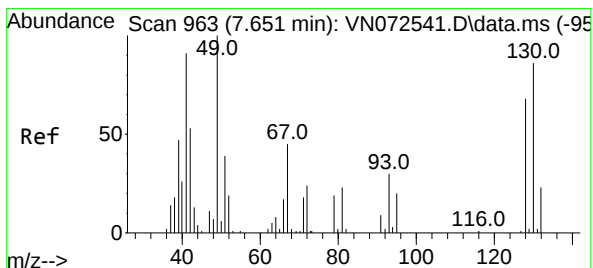
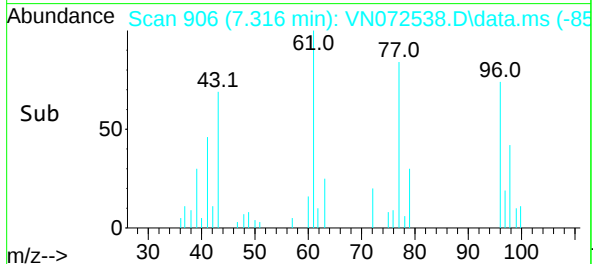
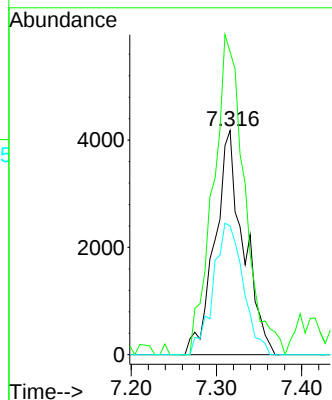
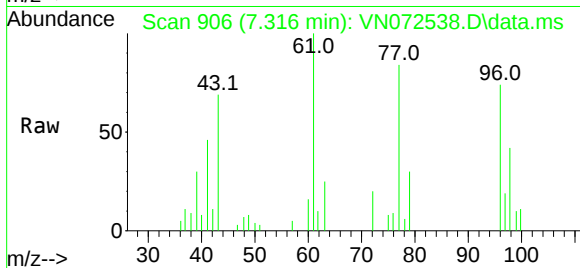
Tgt Ion: 96 Resp: 9756

Ion Ratio Lower Upper

96 100

61 156.3 0.0 280.6

98 61.3 0.0 128.4



#28

Bromochloromethane

Concen: 4.051 ug/l

RT: 7.645 min Scan# 962

Delta R.T. -0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

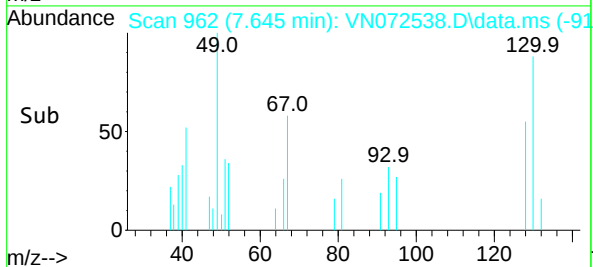
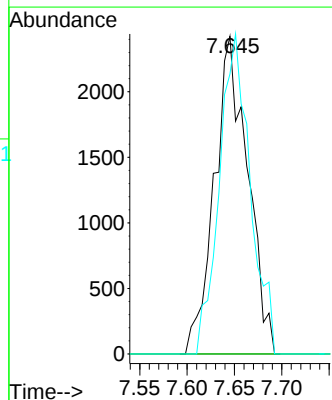
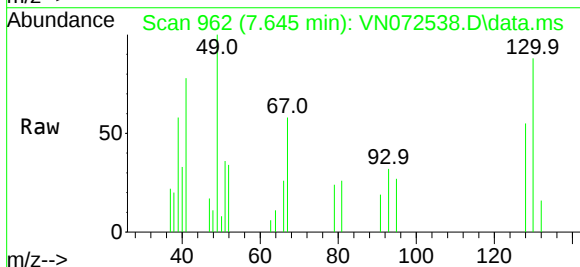
Tgt Ion: 49 Resp: 5911

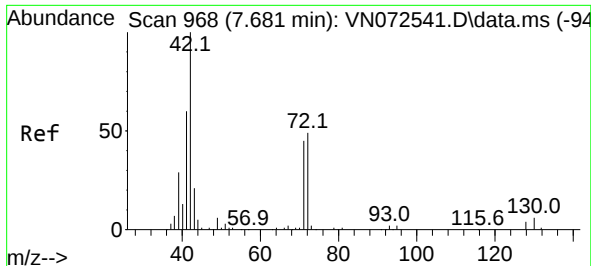
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 93.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 16.750 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

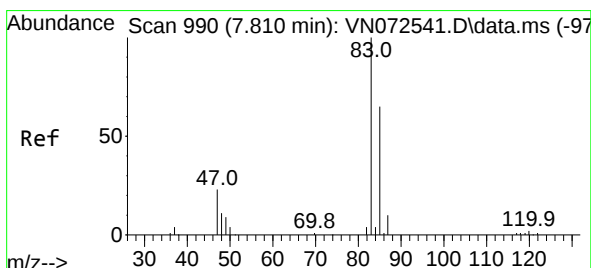
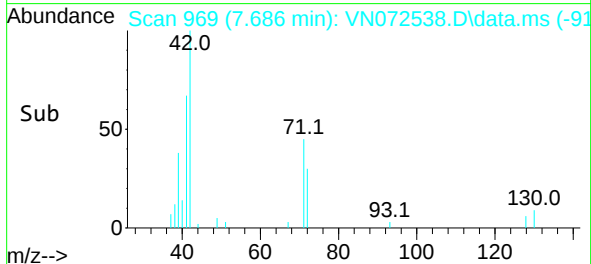
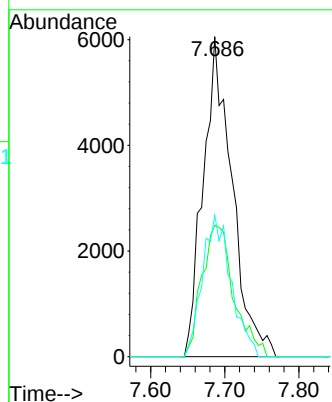
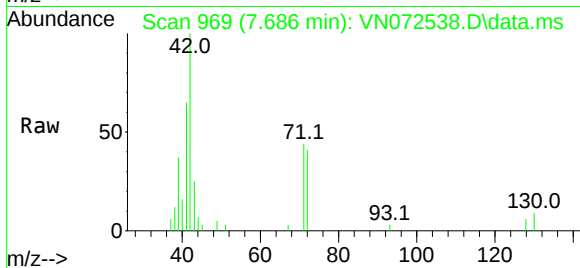
Tgt Ion: 42 Resp: 16353

Ion Ratio Lower Upper

42 100

72 45.5 39.7 59.5

71 44.0 36.6 55.0



#30

Chloroform

Concen: 5.091 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072538.D

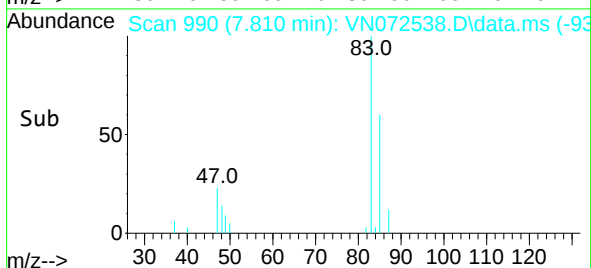
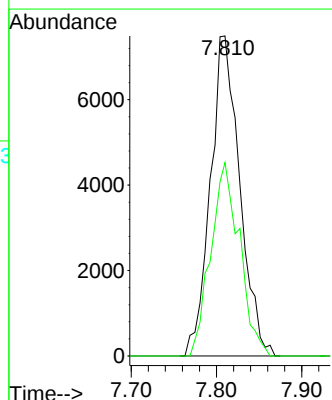
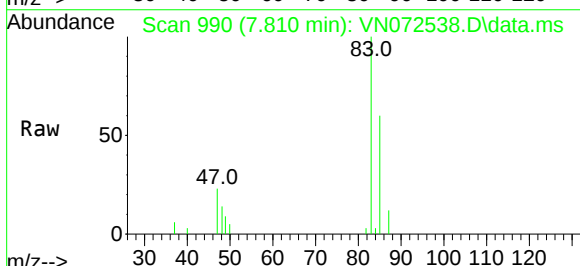
Acq: 18 May 2022 13:30

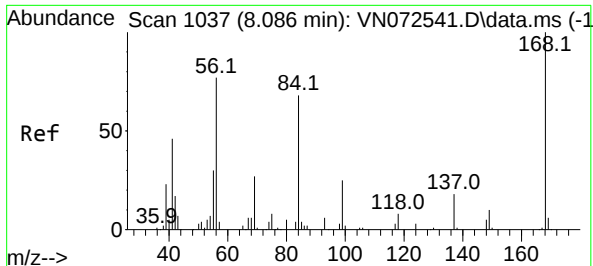
Tgt Ion: 83 Resp: 17957

Ion Ratio Lower Upper

83 100

85 60.5 51.8 77.8





#31

Cyclohexane

Concen: 5.146 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

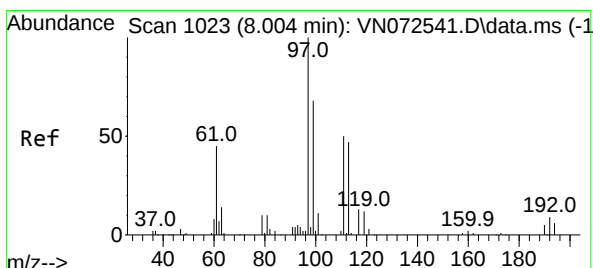
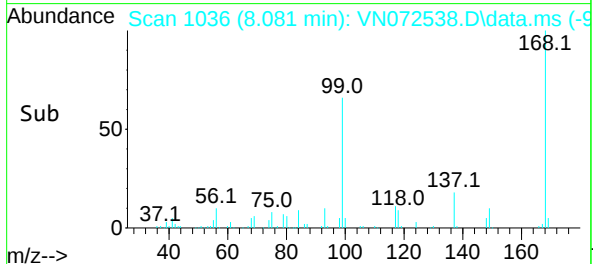
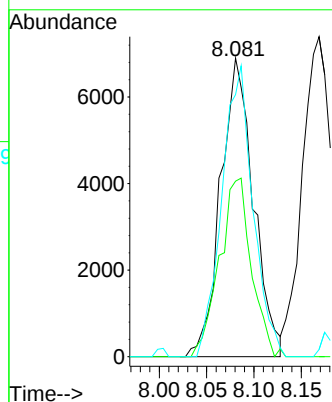
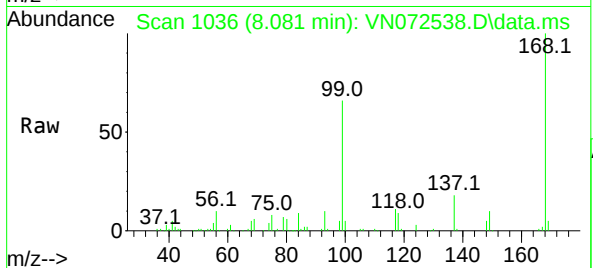
Tgt Ion: 56 Resp: 16564

Ion Ratio Lower Upper

56 100

69 58.8 27.8 41.8#

84 87.8 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 4.932 ug/l

RT: 7.998 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

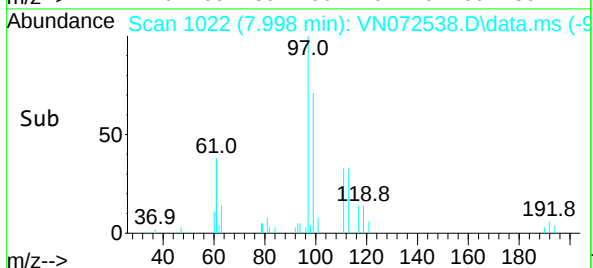
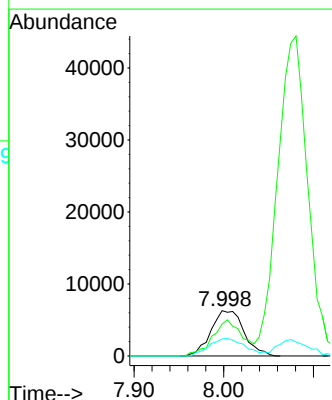
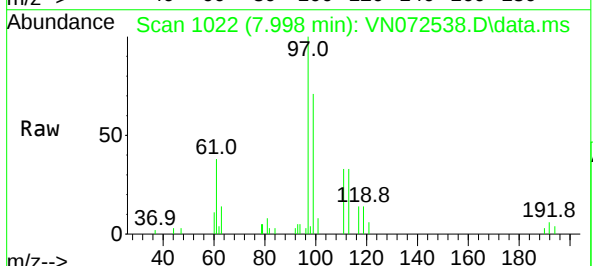
Tgt Ion: 97 Resp: 16049

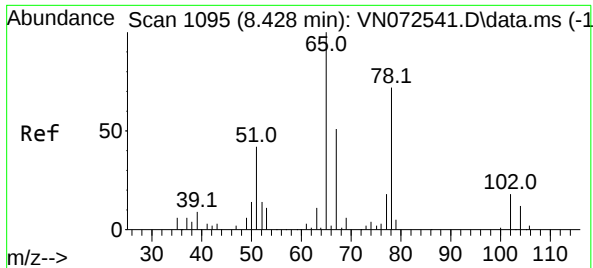
Ion Ratio Lower Upper

97 100

99 72.0 50.6 76.0

61 41.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 5.167 ug/l

RT: 8.433 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

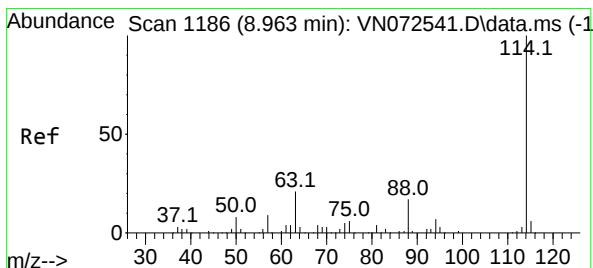
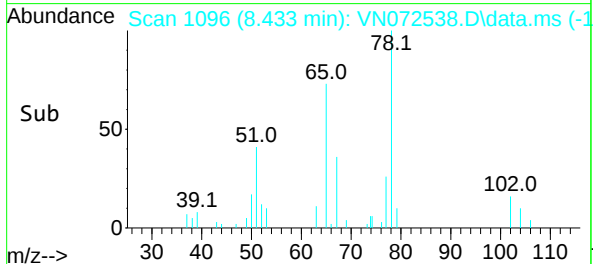
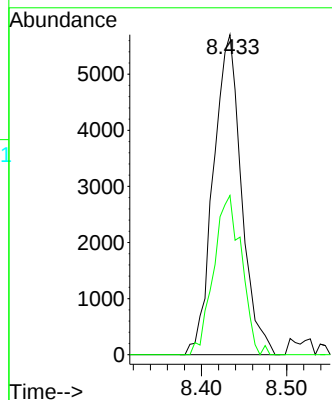
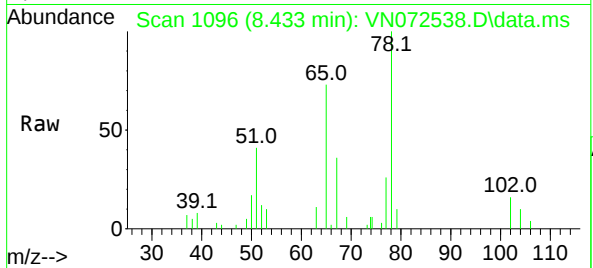
VSTDIC005

Tgt Ion: 65 Resp: 13055

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.957 min Scan# 1185

Delta R.T. -0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

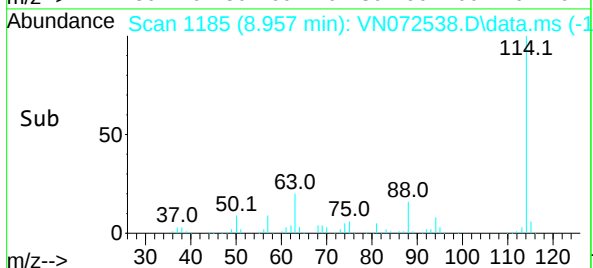
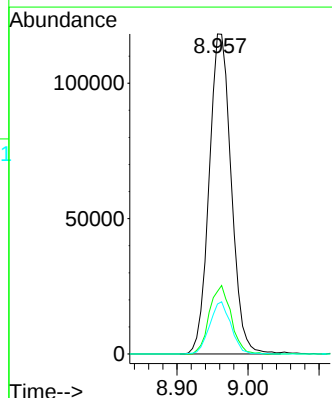
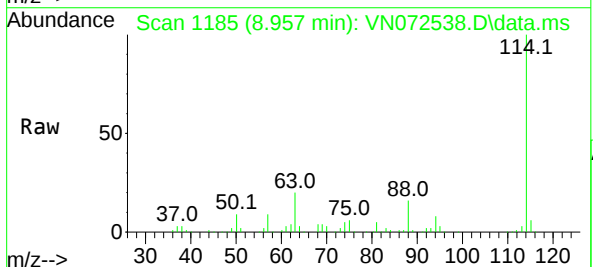
Tgt Ion: 114 Resp: 255419

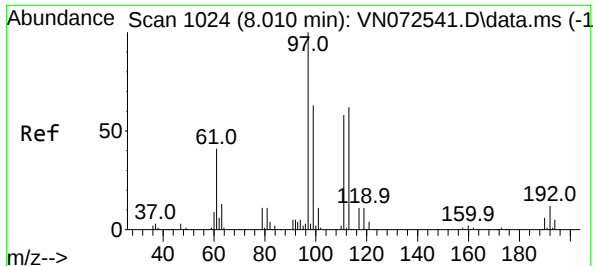
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.6 0.0 32.6

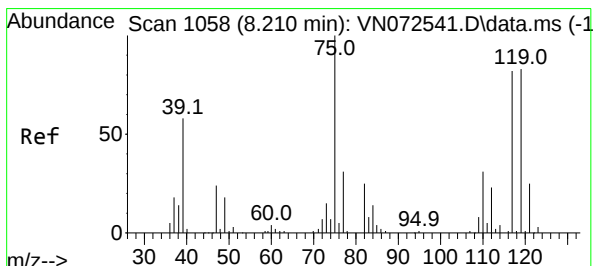
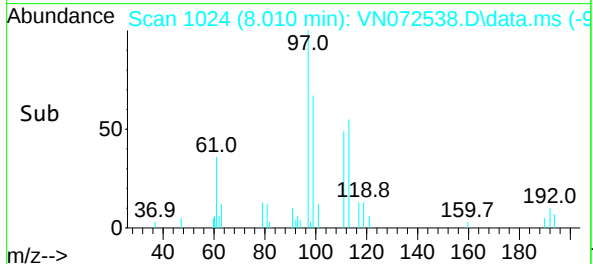
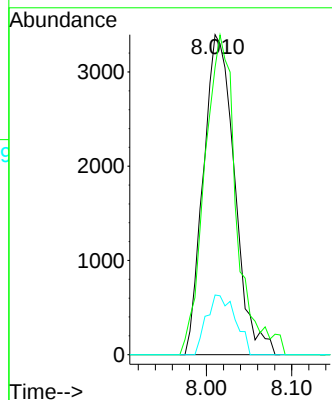
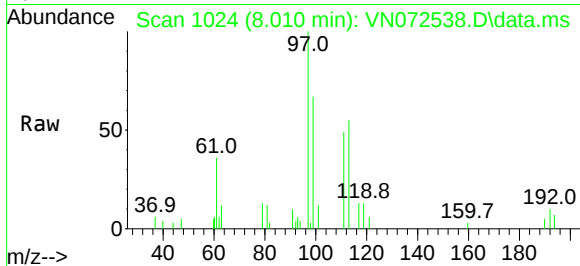




#35
Dibromofluoromethane
Concen: 5.047 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

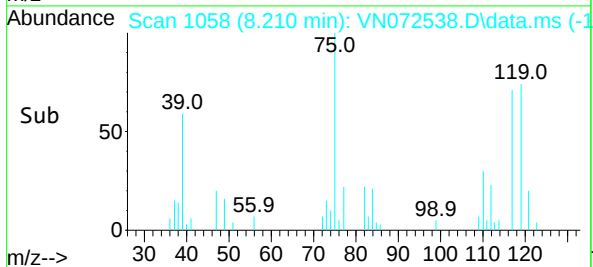
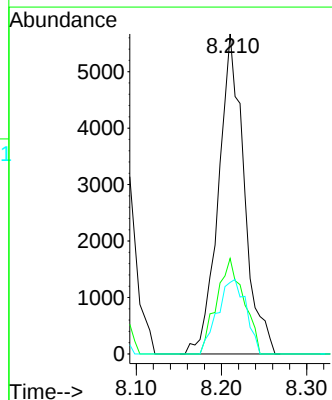
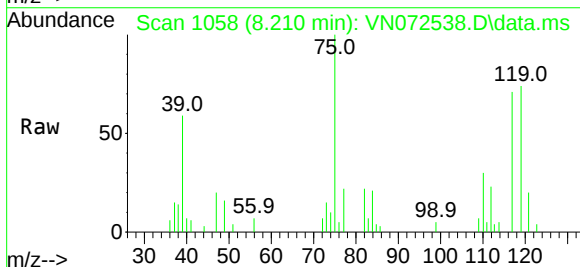
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

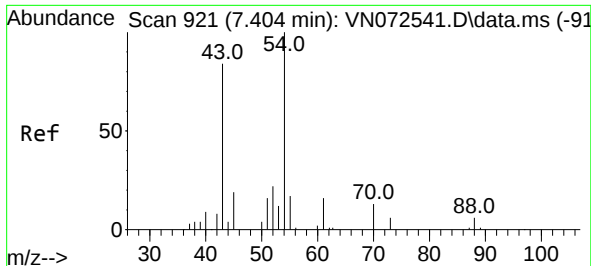
Tgt Ion:113 Resp: 8617
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 17.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 75 Resp: 11861
Ion Ratio Lower Upper
75 100
110 31.5 18.3 54.8
77 25.8 25.1 37.7

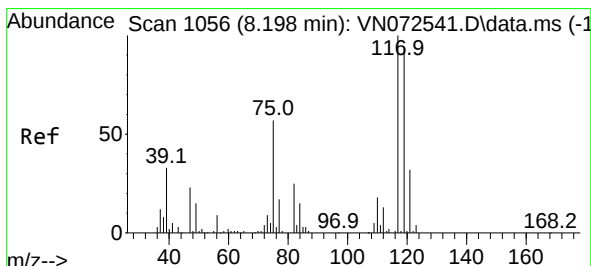
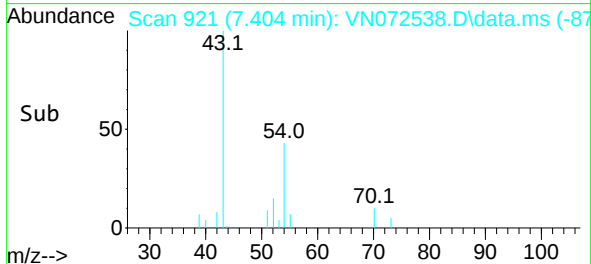
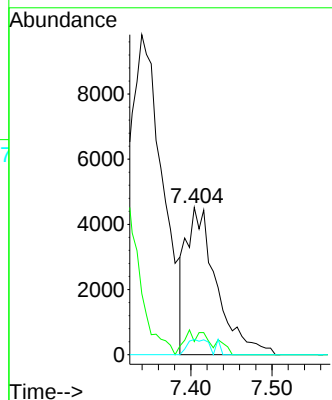
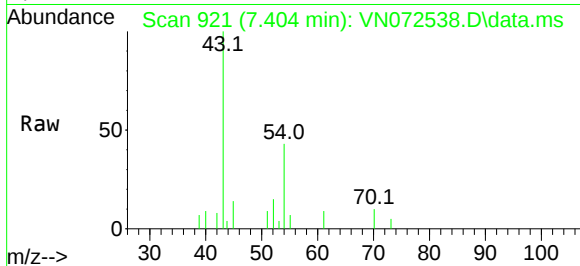




#37
Ethyl Acetate
Concen: 4.195 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

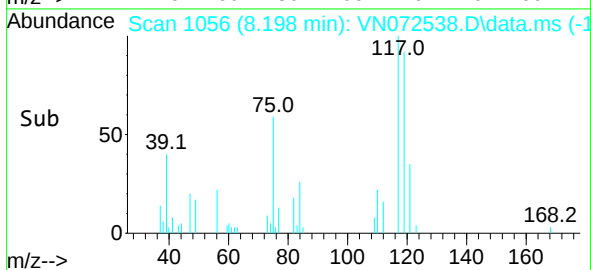
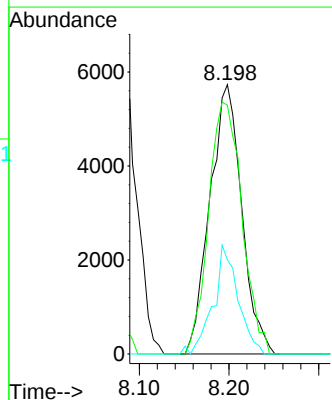
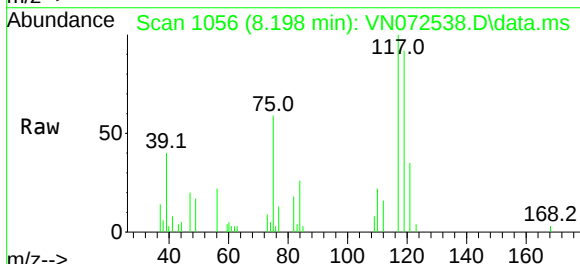
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

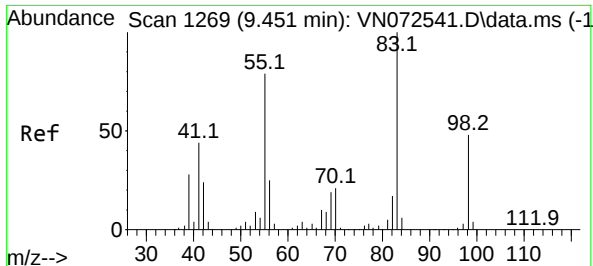
Tgt Ion: 43 Resp: 11773
Ion Ratio Lower Upper
43 100
61 5.6 11.8 17.6#
70 6.9 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 117 Resp: 14108
Ion Ratio Lower Upper
117 100
119 92.4 75.8 113.8
121 35.0 24.6 37.0





#39

Methylcyclohexane

Concen: 4.762 ug/l

RT: 9.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

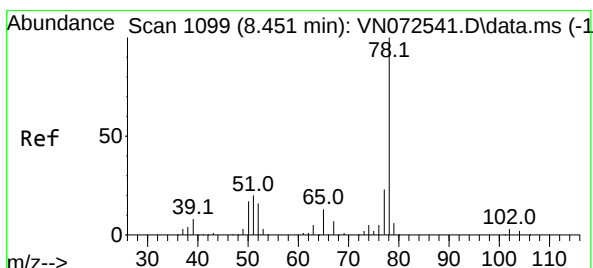
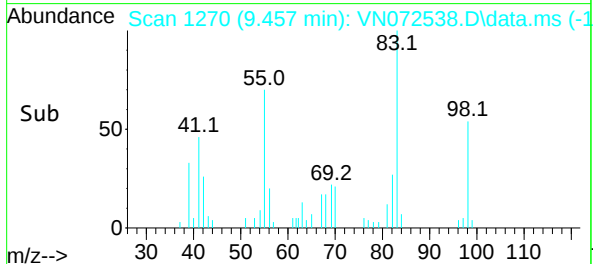
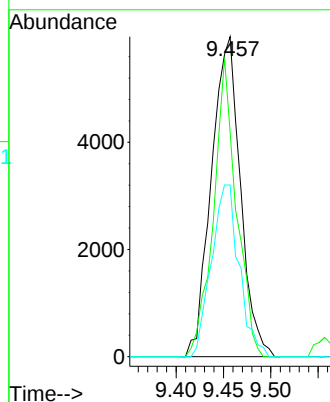
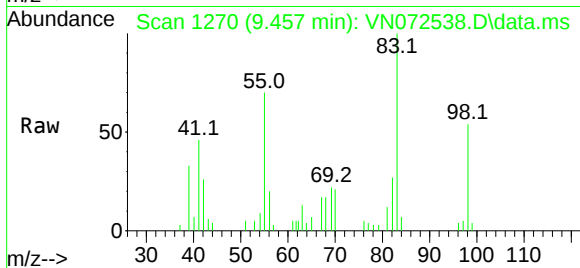
Tgt Ion: 83 Resp: 12717

Ion Ratio Lower Upper

83 100

55 70.2 57.8 86.8

98 53.6 39.4 59.2



#40

Benzene

Concen: 4.727 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VN072538.D

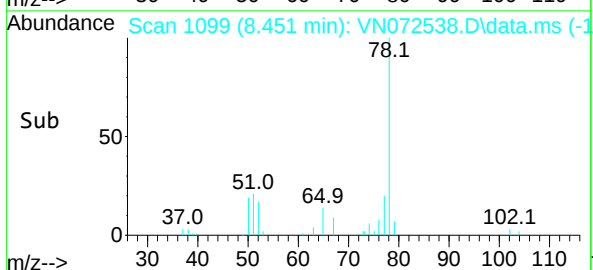
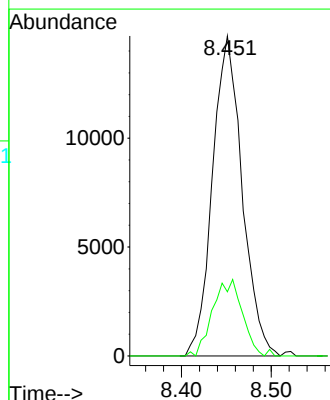
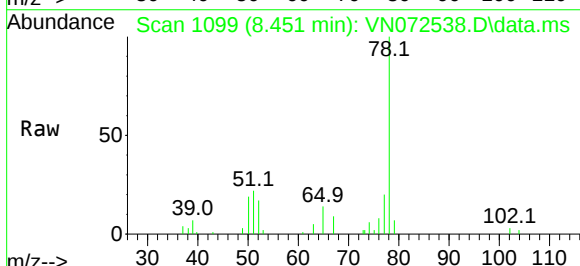
Acq: 18 May 2022 13:30

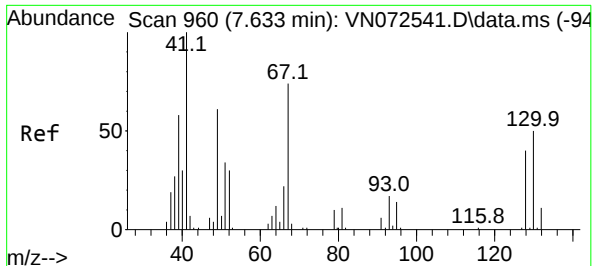
Tgt Ion: 78 Resp: 33734

Ion Ratio Lower Upper

78 100

77 20.0 19.4 29.0

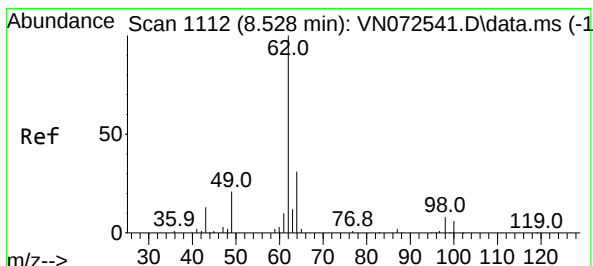
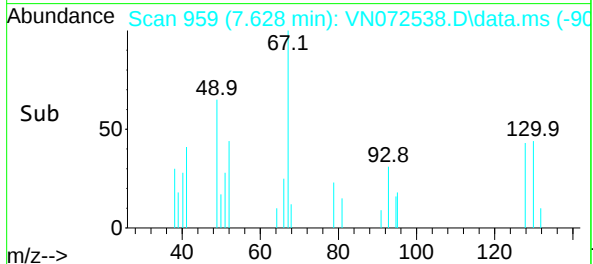
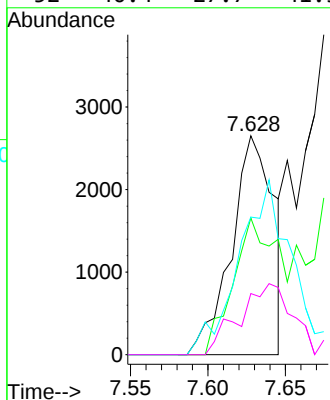
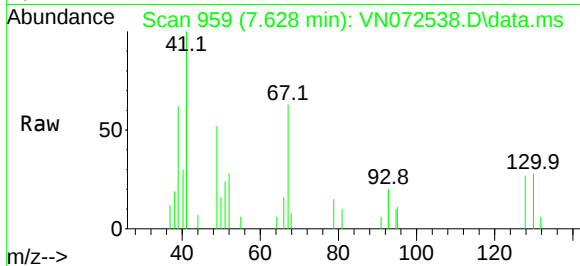




#41
Methacrylonitrile
Concen: 3.541 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

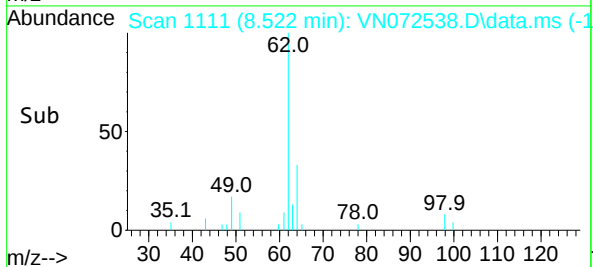
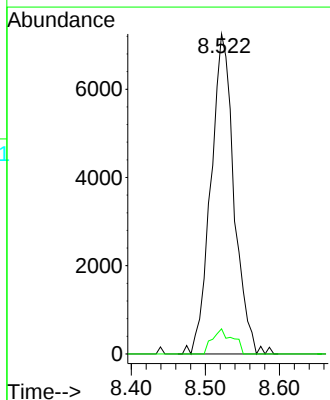
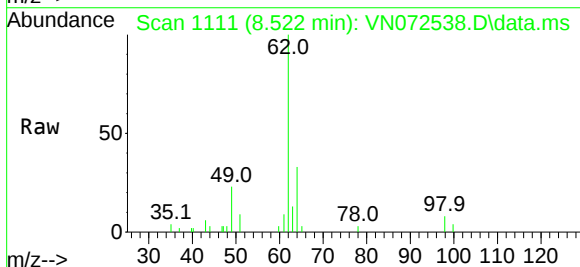
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

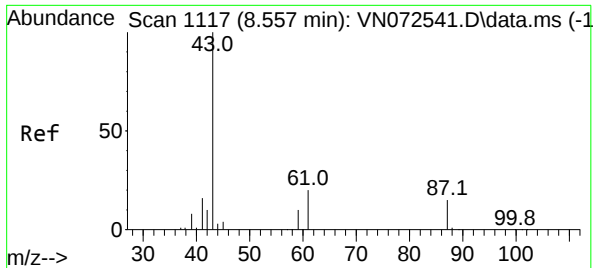
Tgt Ion:	41	Resp:	5022
Ion	Ratio	Lower	Upper
41	100		
39	67.5	48.6	73.0
67	98.2	73.4	110.2
52	40.4	27.7	41.5



#42
1,2-Dichloroethane
Concen: 5.422 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:	62	Resp:	15780
Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	19.4

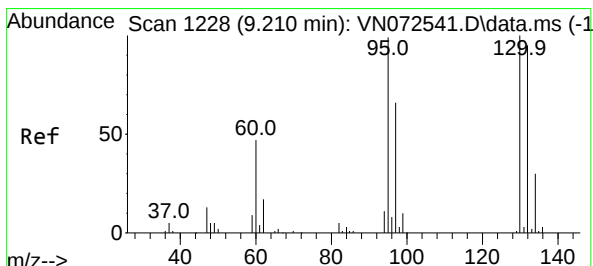
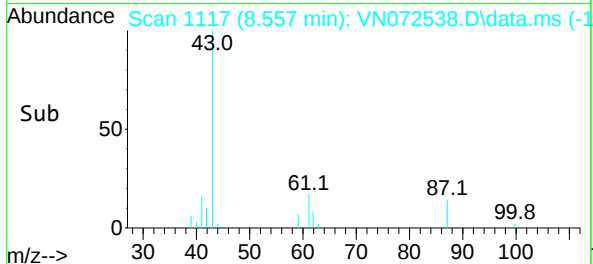
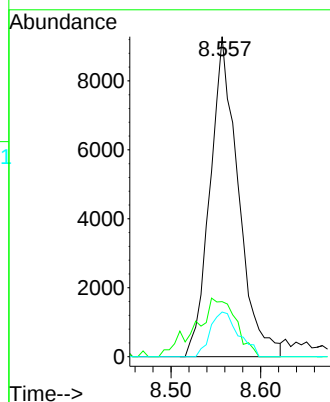
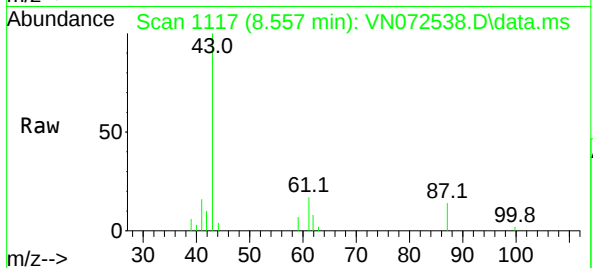




#43
Isopropyl Acetate
Concen: 4.613 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

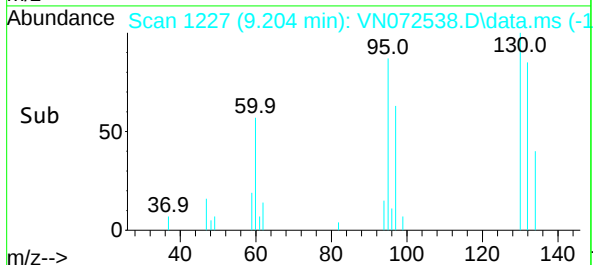
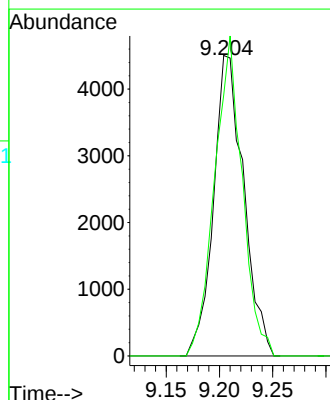
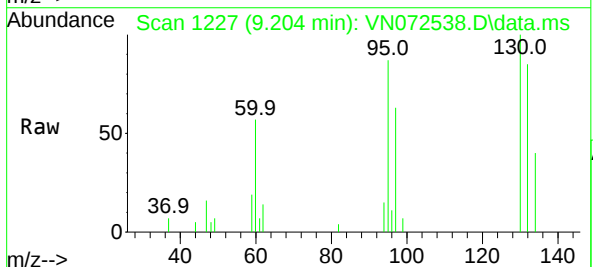
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

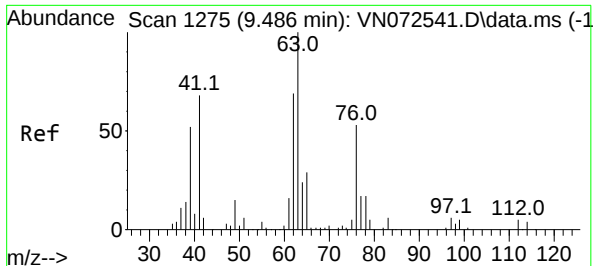
Tgt Ion: 43	Resp: 20272
Ion Ratio	Lower Upper
43 100	
61 26.4	21.9 32.9
87 13.9	12.0 18.0



#44
Trichloroethene
Concen: 4.875 ug/l
RT: 9.204 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:130	Resp:	8859	
Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	186.8





#45

1,2-Dichloropropane

Concen: 4.464 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

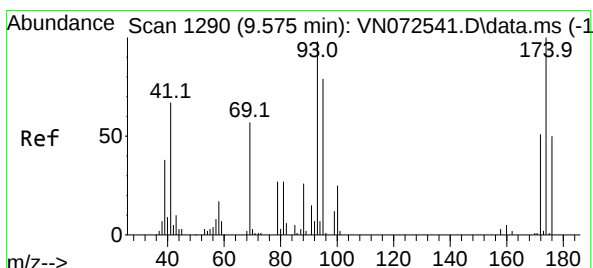
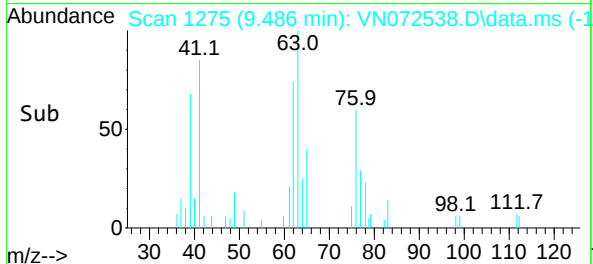
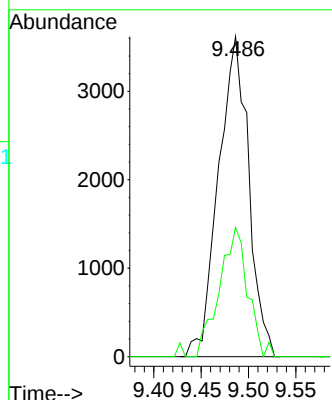
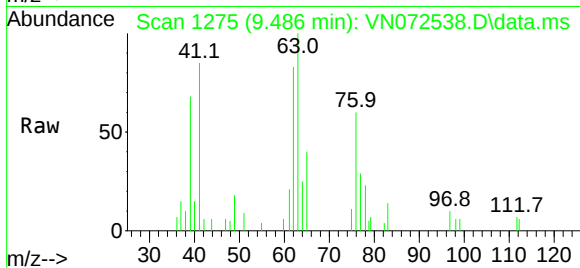
VSTDIC005

Tgt Ion: 63 Resp: 8003

Ion Ratio Lower Upper

63 100

65 40.4 24.9 37.3#



#46

Dibromomethane

Concen: 5.257 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

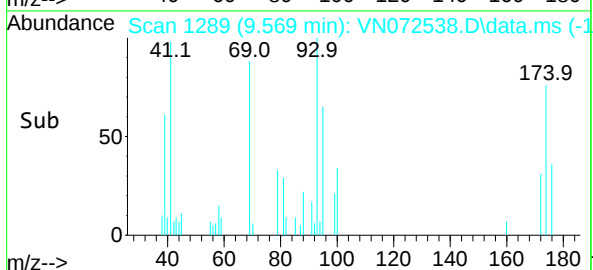
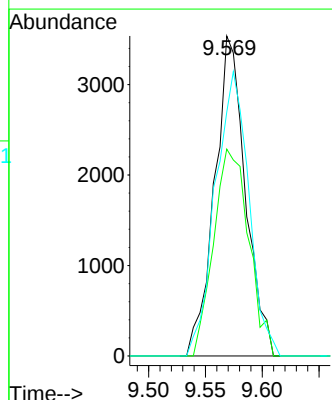
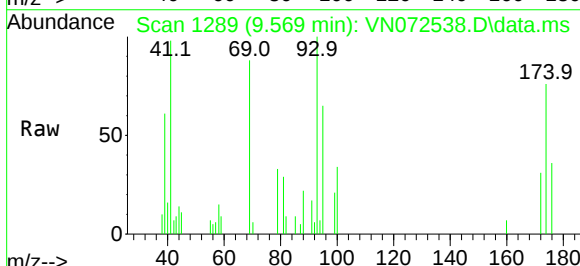
Tgt Ion: 93 Resp: 6680

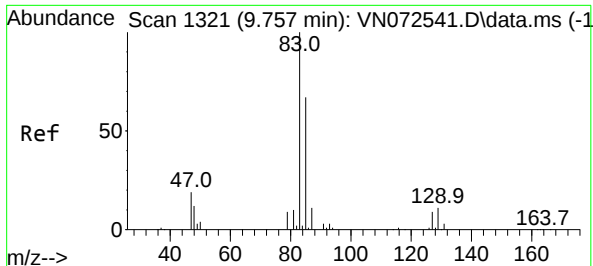
Ion Ratio Lower Upper

93 100

95 73.4 66.9 100.3

174 96.2 86.6 130.0

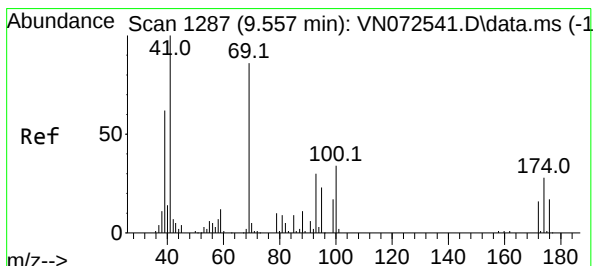
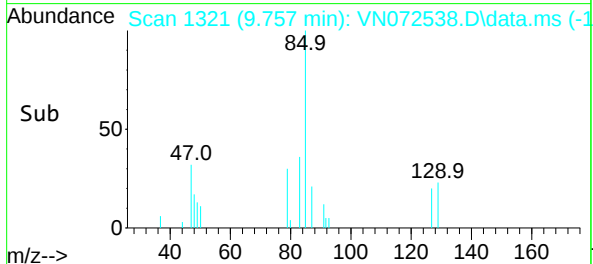
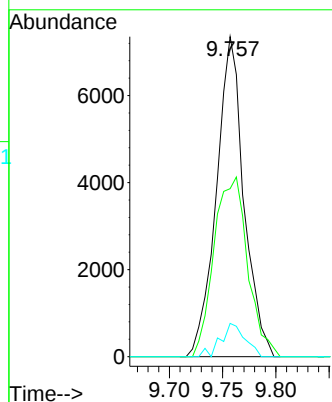
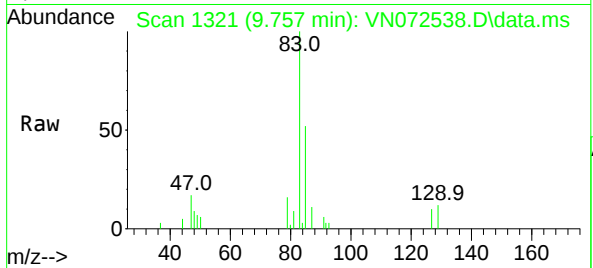




#47
Bromodichloromethane
Concen: 5.051 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

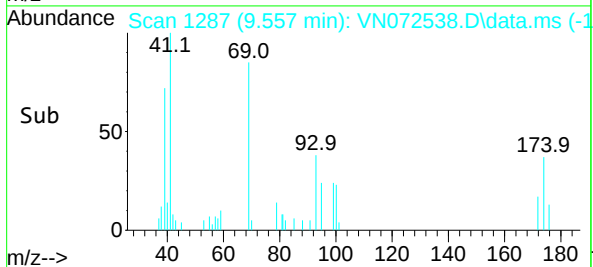
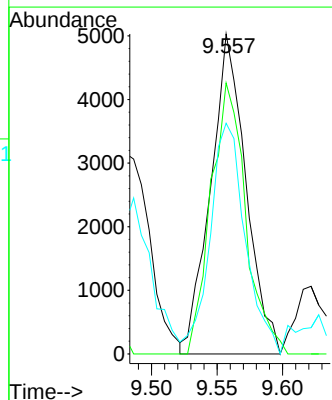
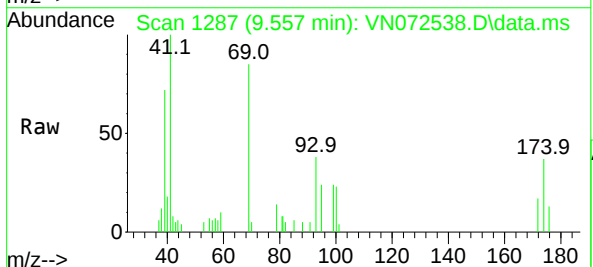
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

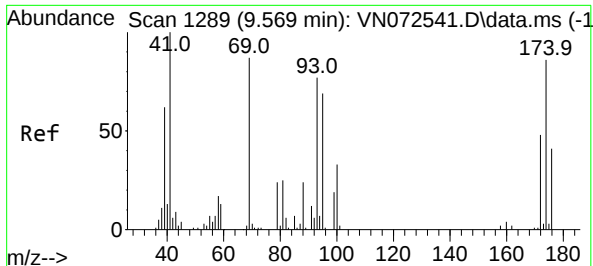
Tgt Ion: 83 Resp: 13192
Ion Ratio Lower Upper
83 100
85 52.5 50.5 75.7
127 10.4 6.8 10.2#



#48
Methyl methacrylate
Concen: 4.637 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 41 Resp: 9416
Ion Ratio Lower Upper
41 100
69 83.8 74.7 112.1
39 71.6 45.6 68.4#





#49

1,4-Dioxane

Concen: 44.553 ug/l

RT: 9.575 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

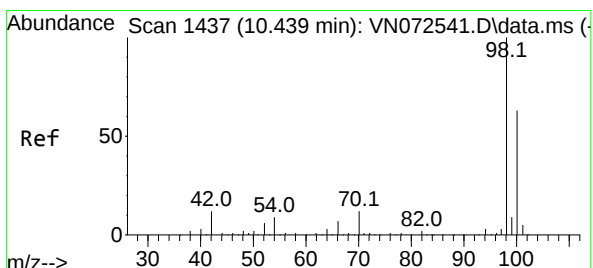
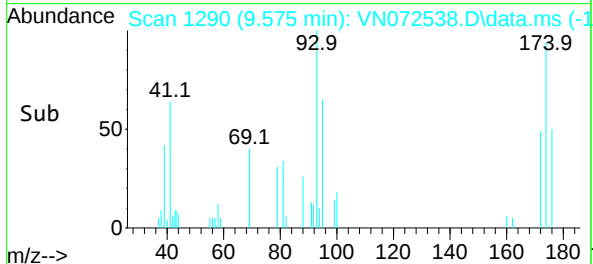
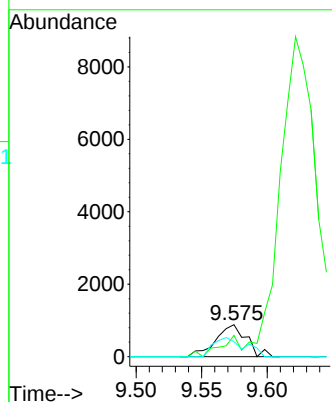
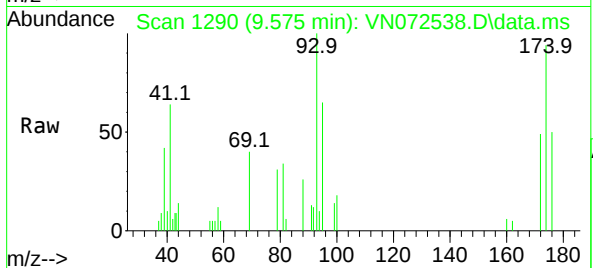
Tgt Ion: 88 Resp: 1442

Ion Ratio Lower Upper

88 100

43 42.2 20.2 30.4#

58 61.2 54.2 81.4



#50

Toluene-d8

Concen: 4.901 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072538.D

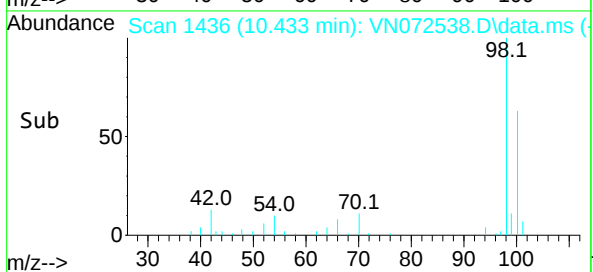
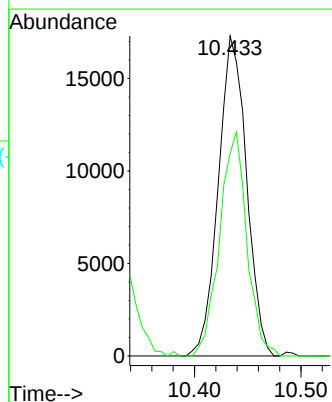
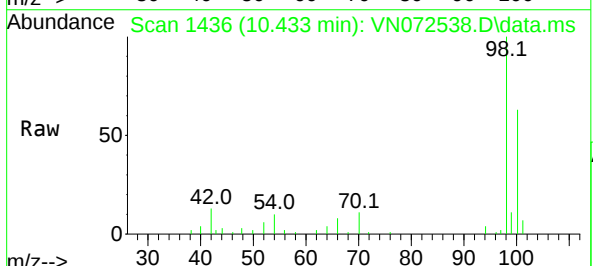
Acq: 18 May 2022 13:30

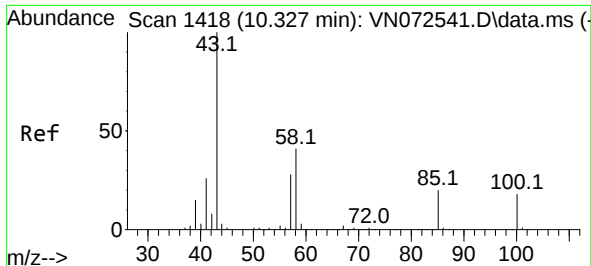
Tgt Ion: 98 Resp: 31786

Ion Ratio Lower Upper

98 100

100 67.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 22.444 ug/l

RT: 10.333 min Scan# 1419

Delta R.T. 0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

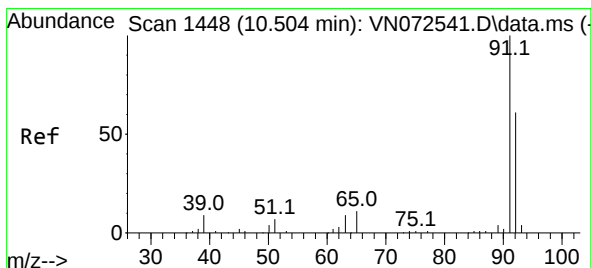
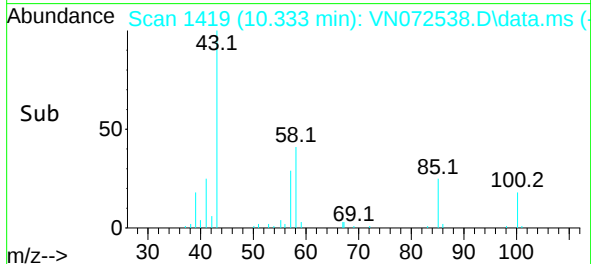
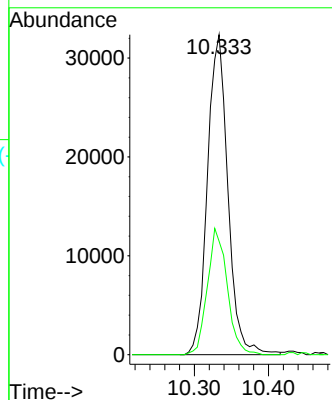
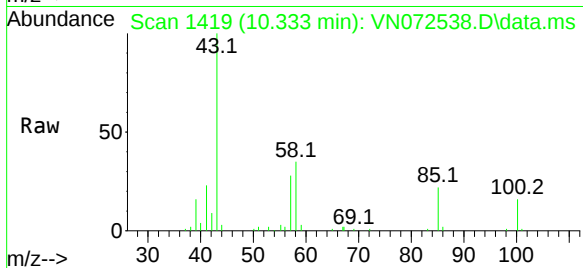
VSTDIC005

Tgt Ion: 43 Resp: 61808

Ion Ratio Lower Upper

43 100

58 38.5 34.1 51.1



#52

Toluene

Concen: 4.985 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN072538.D

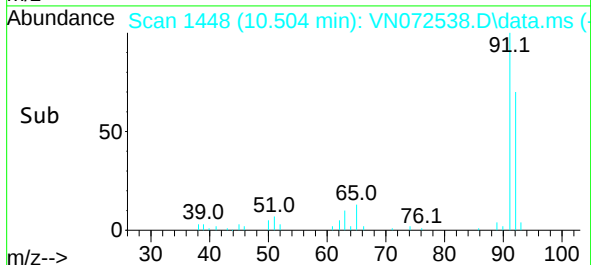
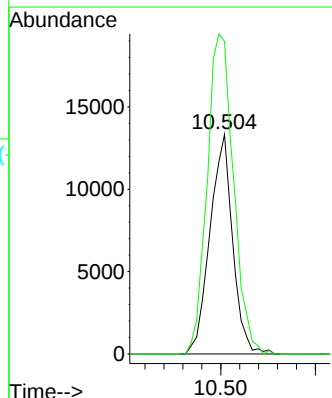
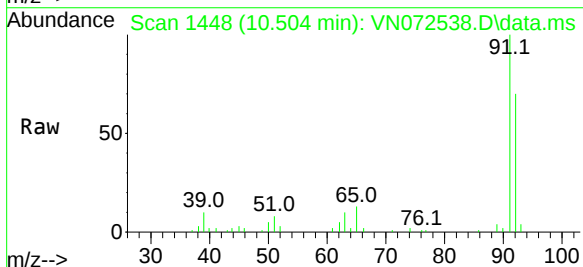
Acq: 18 May 2022 13:30

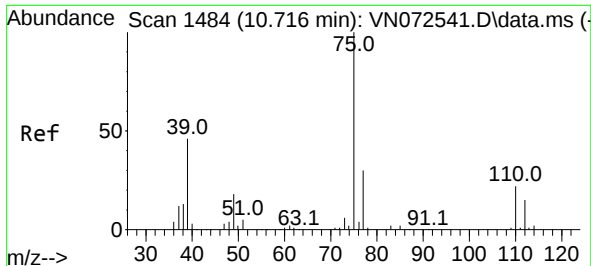
Tgt Ion: 92 Resp: 22202

Ion Ratio Lower Upper

92 100

91 169.3 138.6 207.8

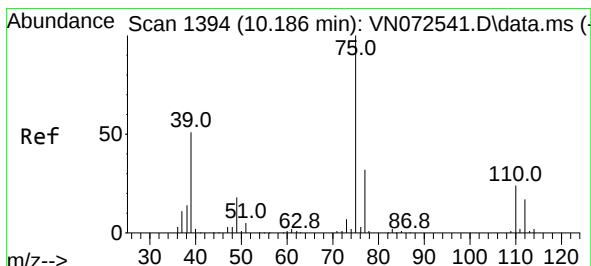
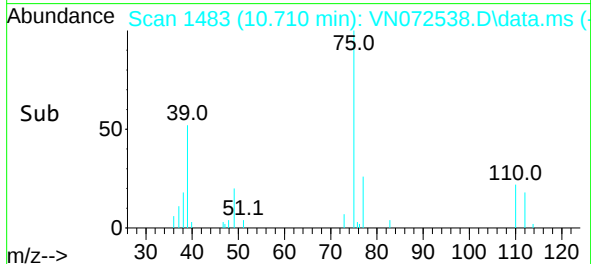
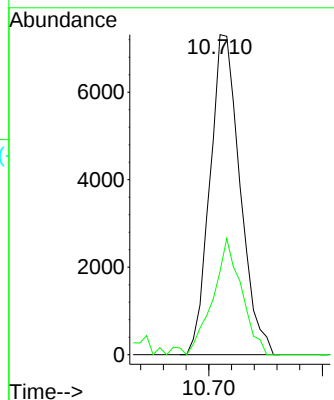
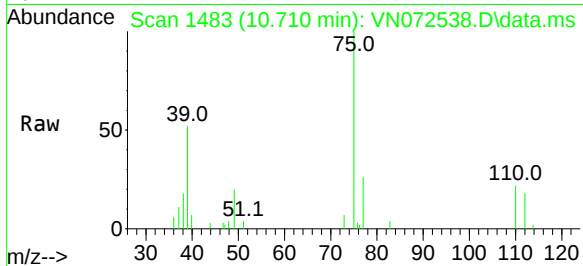




#53
 t-1,3-Dichloropropene
 Concen: 5.020 ug/l
 RT: 10.710 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

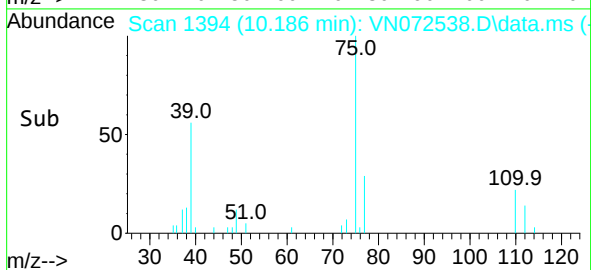
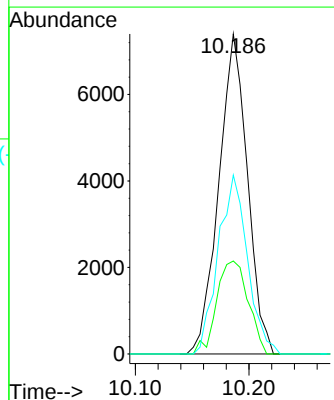
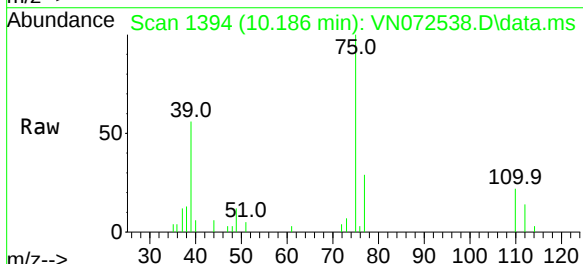
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

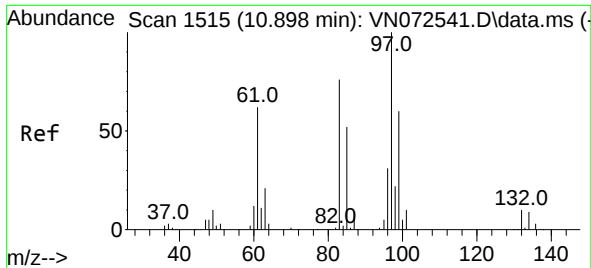
Tgt Ion: 75 Resp: 13450
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.580 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

Tgt Ion: 75 Resp: 12941
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.2 37.8
 39 55.9 35.7 53.5#

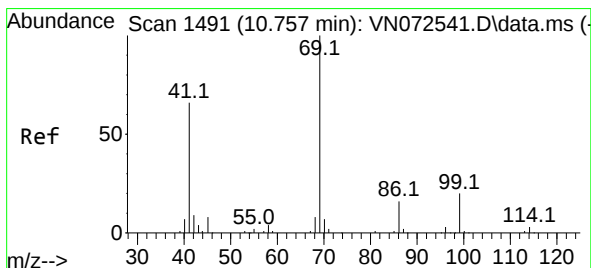
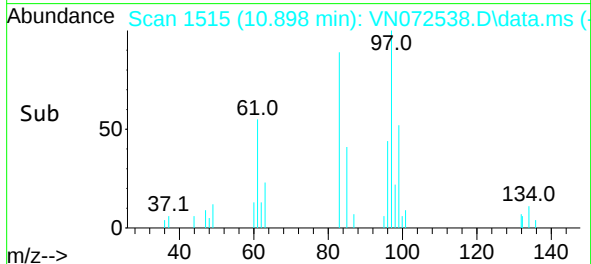
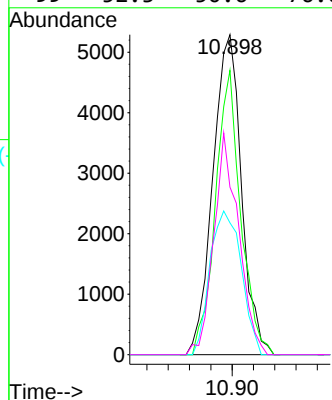
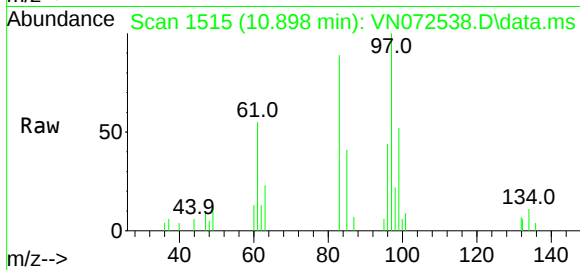




#55
1,1,2-Trichloroethane
Concen: 5.241 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

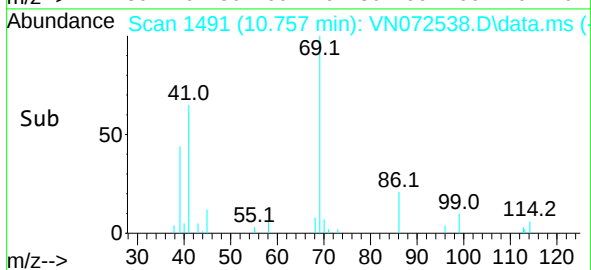
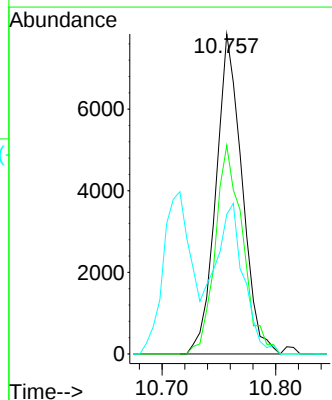
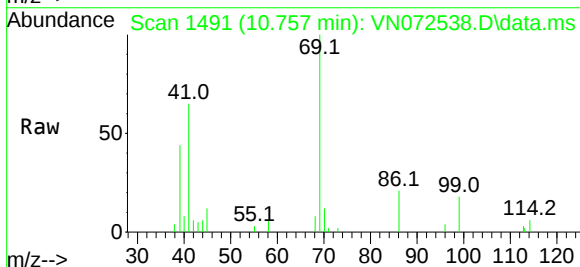
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

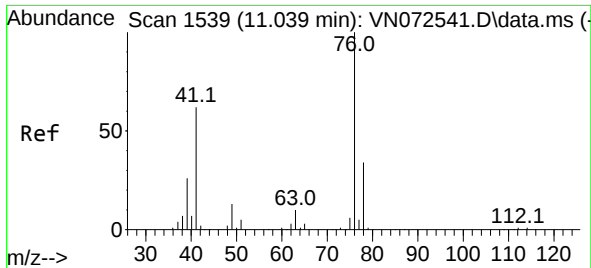
Tgt Ion: 97	Resp: 9834
Ion Ratio	Lower Upper
97 100	
83 88.8	66.2 99.4
85 41.2	43.9 65.9#
99 52.3	50.6 76.0



#56
Ethyl methacrylate
Concen: 4.642 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 69	Resp:	12490	
Ion Ratio	Lower	Upper	
69 100			
41 68.6	47.8	71.6	
39 52.7	27.3	40.9#	





#57

1,3-Dichloropropane

Concen: 4.876 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

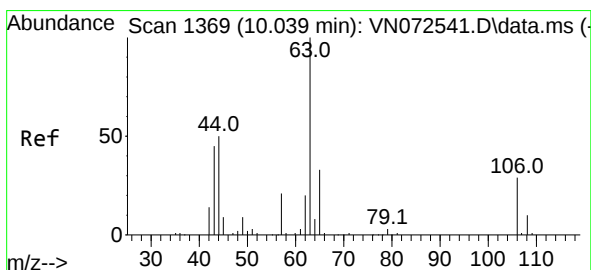
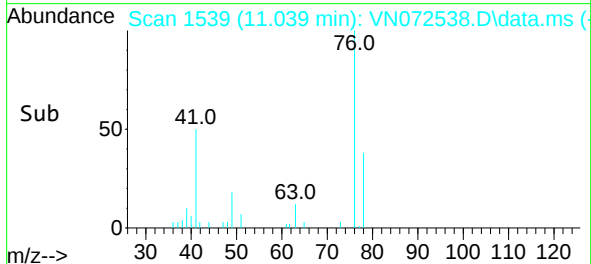
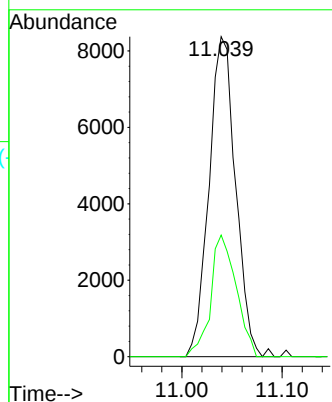
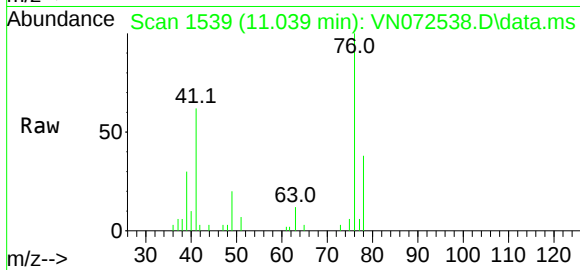
VSTDICC005

Tgt Ion: 76 Resp: 15457

Ion Ratio Lower Upper

76 100

78 36.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 26.983 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072538.D

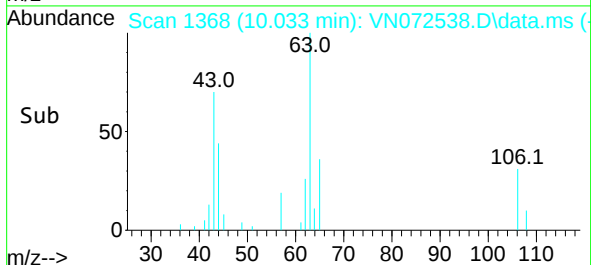
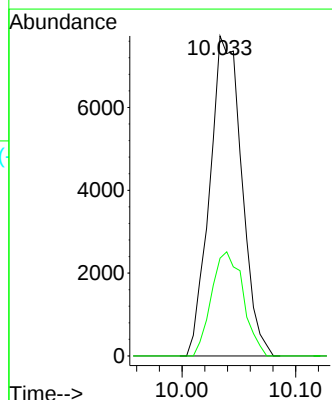
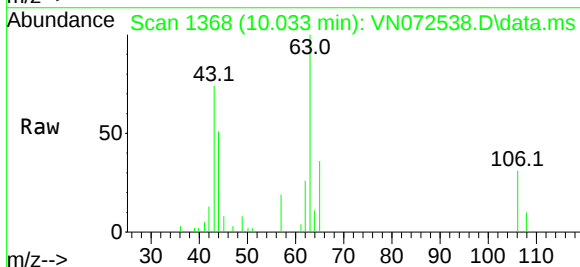
Acq: 18 May 2022 13:30

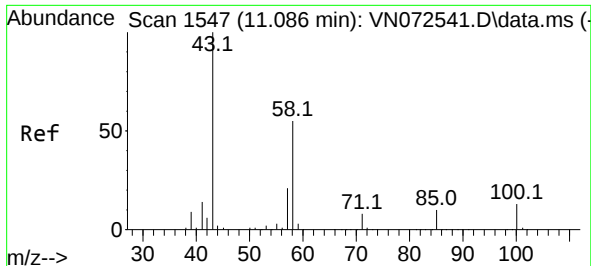
Tgt Ion: 63 Resp: 15067

Ion Ratio Lower Upper

63 100

106 32.2 24.6 36.8

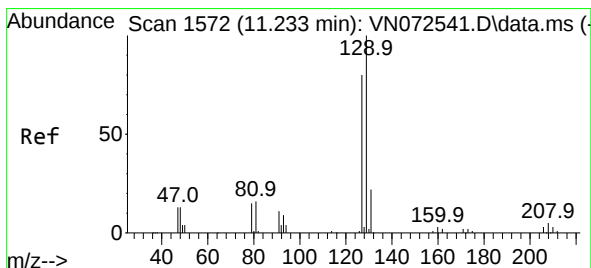
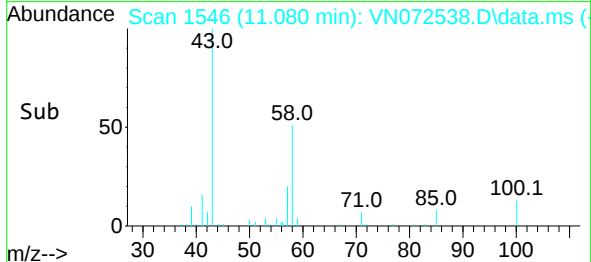
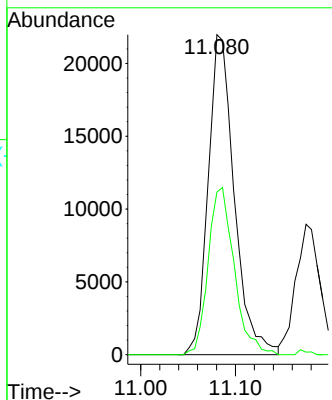
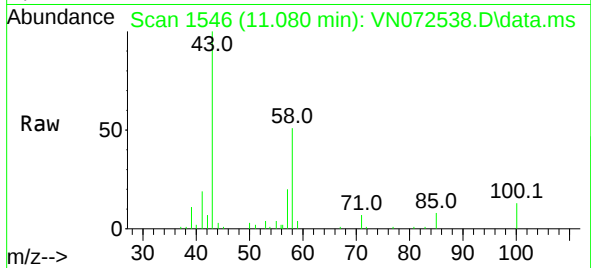




#59
2-Hexanone
Concen: 21.810 ug/l
RT: 11.080 min Scan# 11546
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

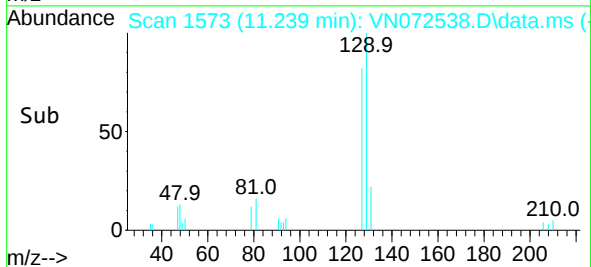
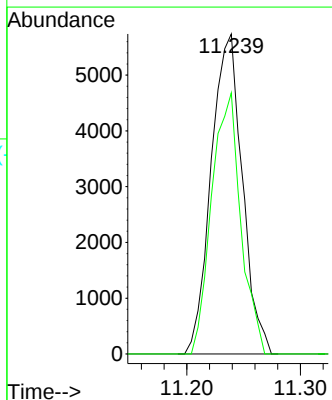
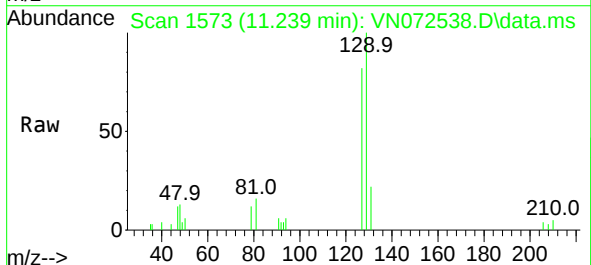
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

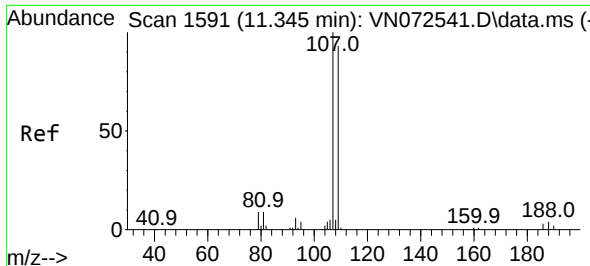
Tgt Ion: 43 Resp: 41929
Ion Ratio Lower Upper
43 100
58 52.2 29.7 89.1



#60
Dibromochloromethane
Concen: 5.463 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:129 Resp: 10938
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4

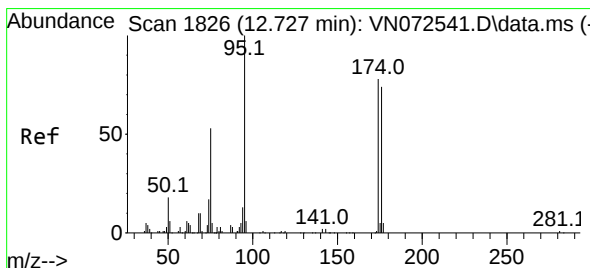
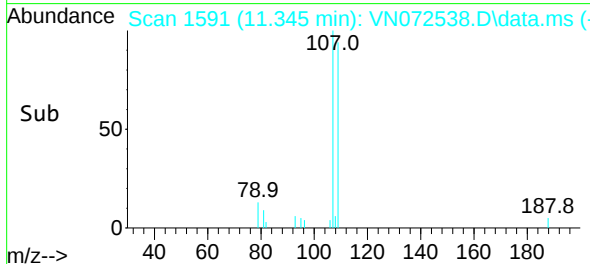
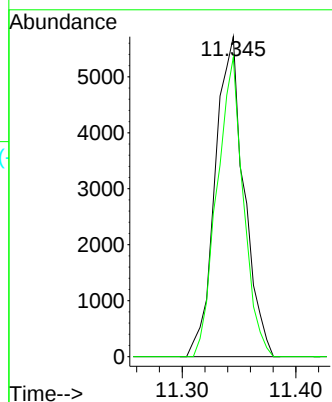
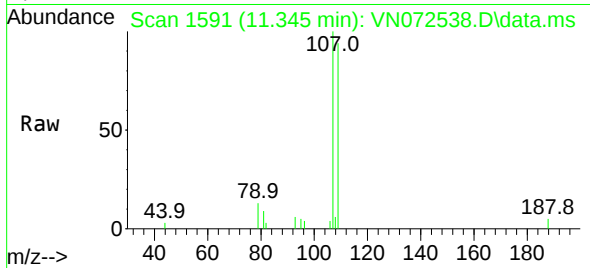




#61
1,2-Dibromoethane
Concen: 5.391 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

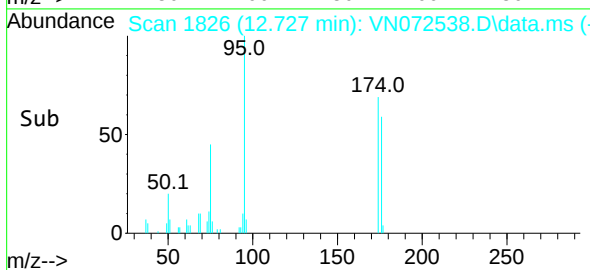
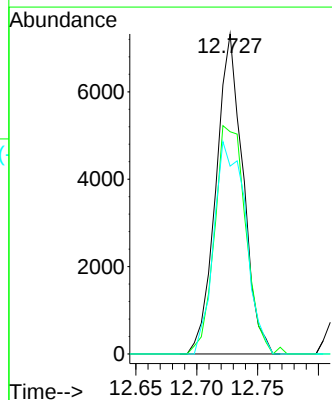
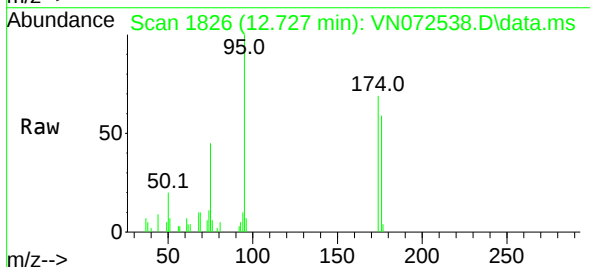
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

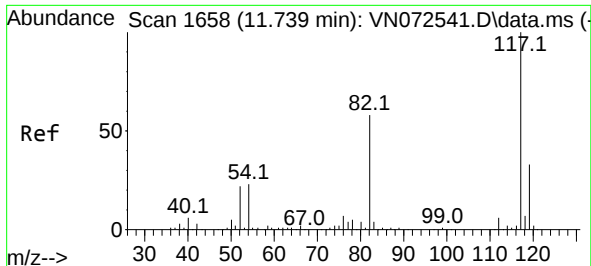
Tgt Ion:107 Resp: 10097
Ion Ratio Lower Upper
107 100
109 85.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 5.106 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 95 Resp: 11291
Ion Ratio Lower Upper
95 100
174 82.2 0.0 167.6
176 77.6 0.0 163.4

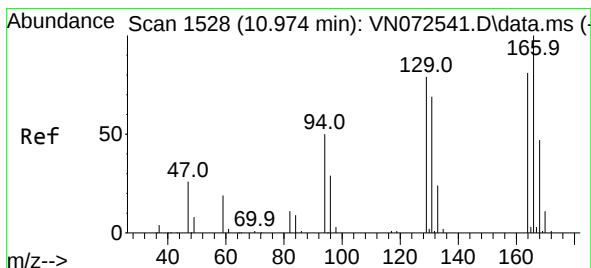
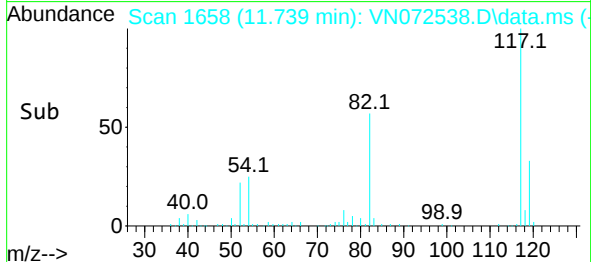
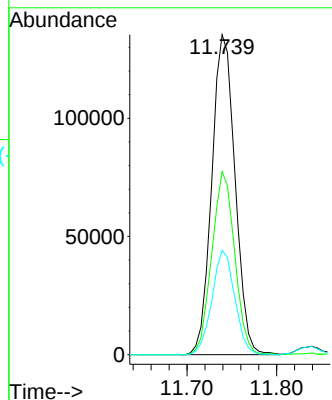
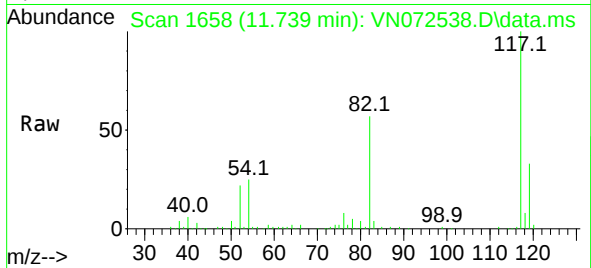




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

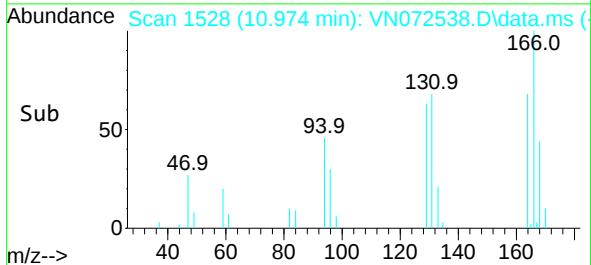
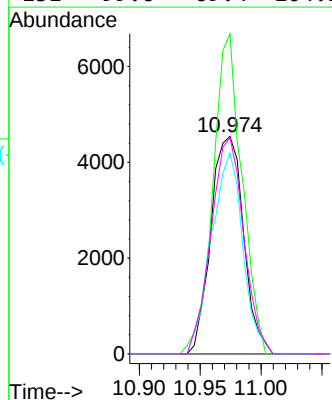
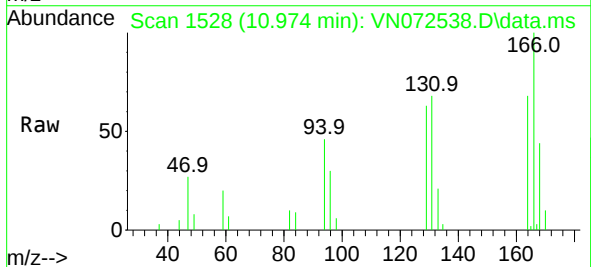
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

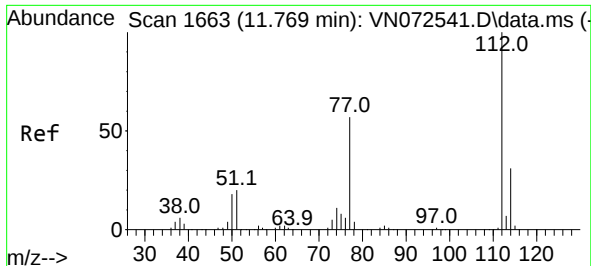
Tgt Ion:117 Resp: 244180
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 4.874 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:164 Resp: 8450
Ion Ratio Lower Upper
164 100
166 147.1 104.2 156.2
129 92.3 73.9 110.9
131 99.6 69.4 104.2

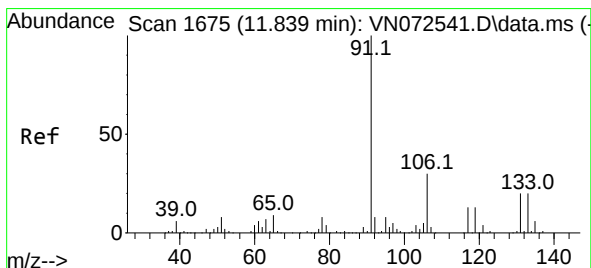
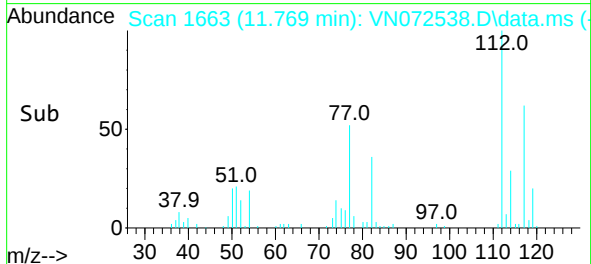
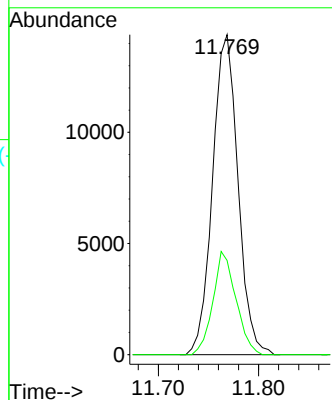
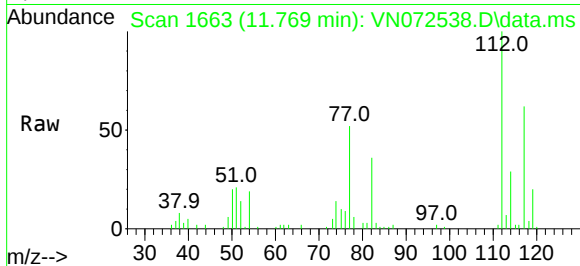




#65
Chlorobenzene
Concen: 5.101 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

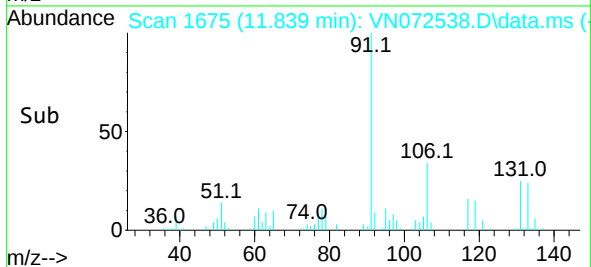
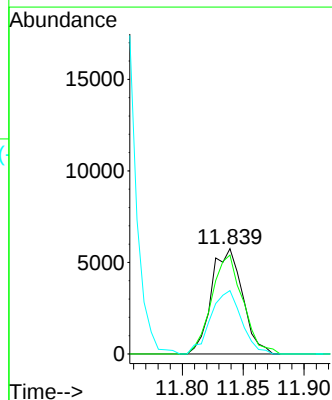
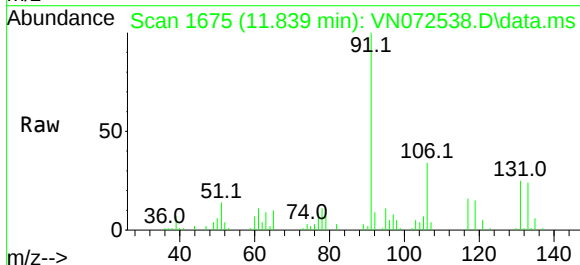
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

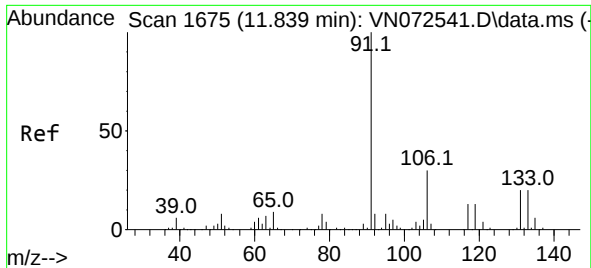
Tgt Ion:112 Resp: 25287
Ion Ratio Lower Upper
112 100
114 29.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.129 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:131 Resp: 10190
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 59.8 33.4 100.2

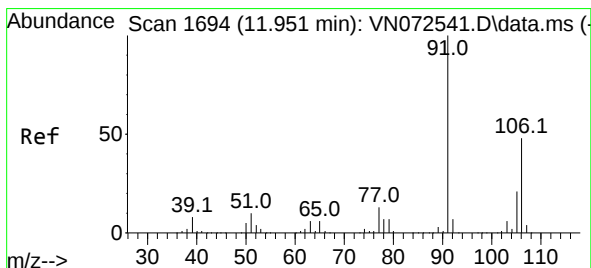
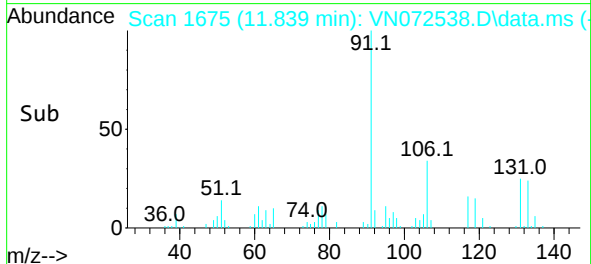
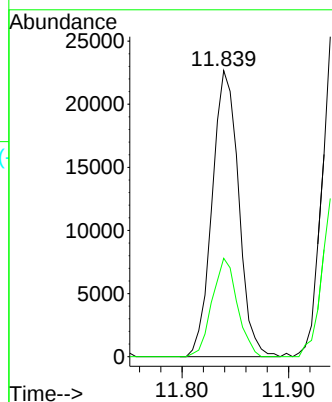
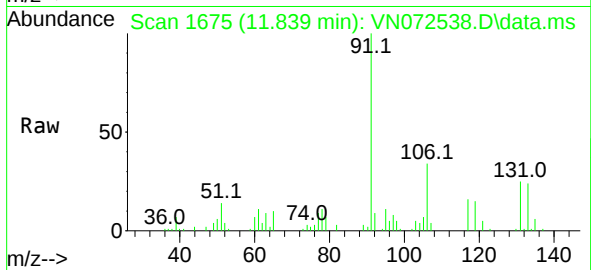




#67
Ethyl Benzene
Concen: 4.581 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

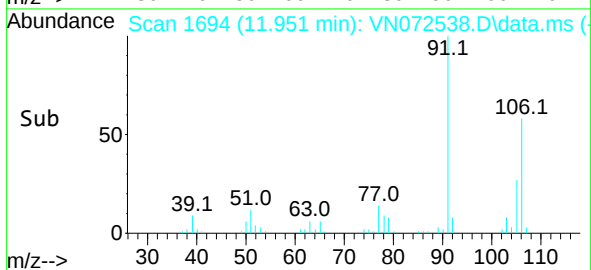
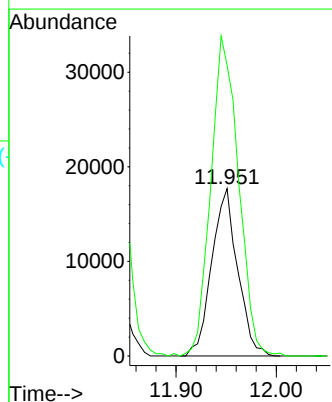
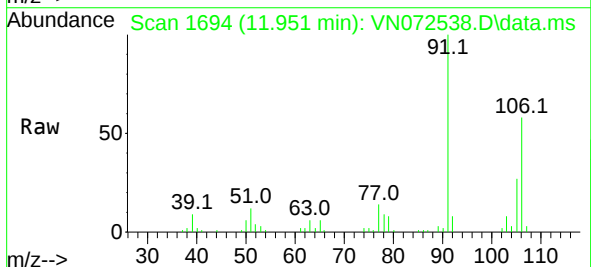
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

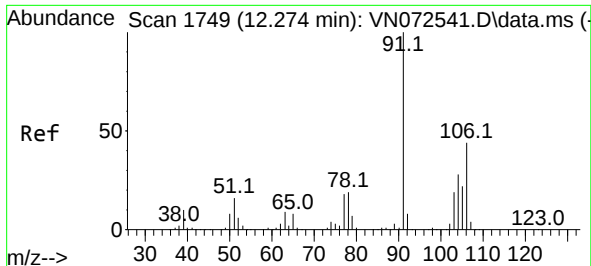
Tgt Ion: 91 Resp: 39085
Ion Ratio Lower Upper
91 100
106 34.4 24.9 37.3



#68
m/p-Xylenes
Concen: 9.779 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 106 Resp: 31750
Ion Ratio Lower Upper
106 100
91 204.4 158.9 238.3

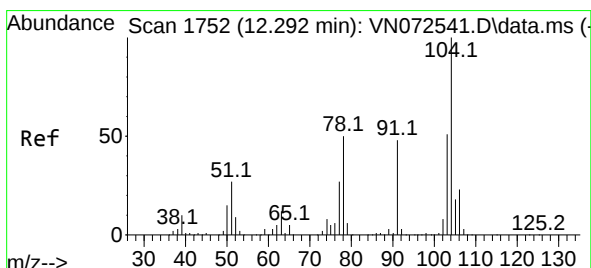
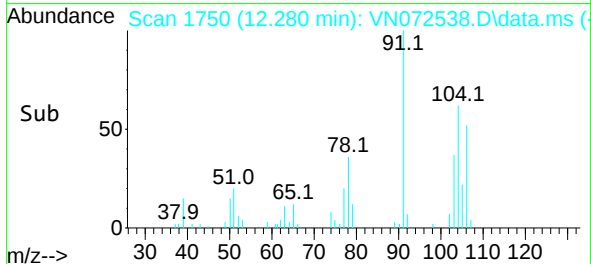
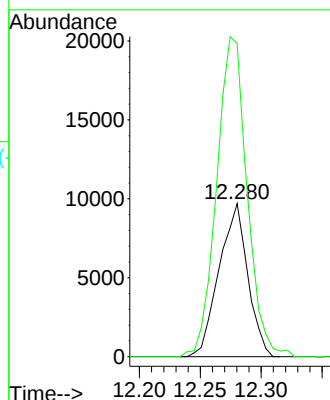
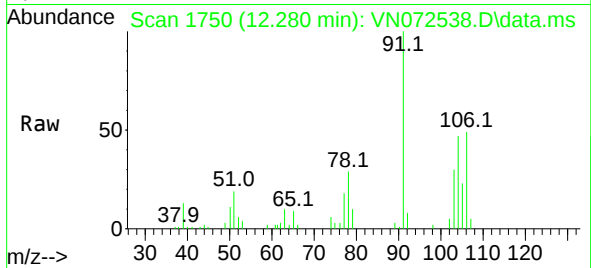




#69
o-Xylene
Concen: 4.967 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

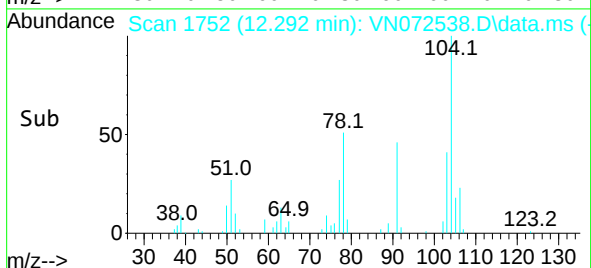
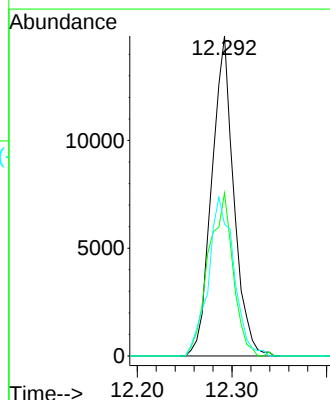
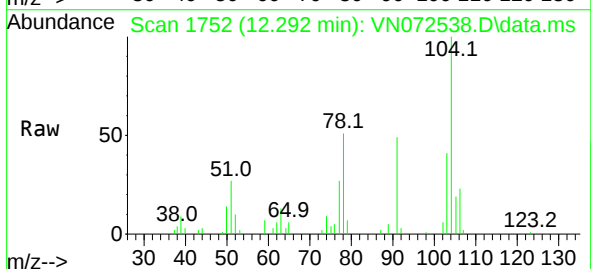
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

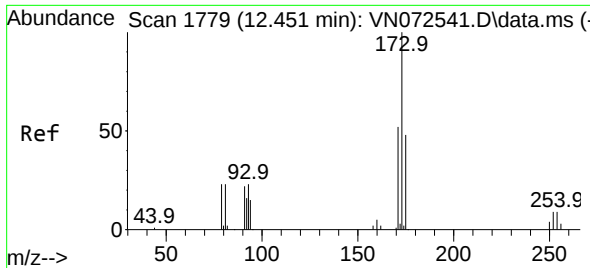
Tgt Ion:106 Resp: 15870
Ion Ratio Lower Upper
106 100
91 221.8 106.0 318.0



#70
Styrene
Concen: 4.872 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:104 Resp: 23957
Ion Ratio Lower Upper
104 100
78 56.8 39.5 59.3
103 57.5 44.0 66.0

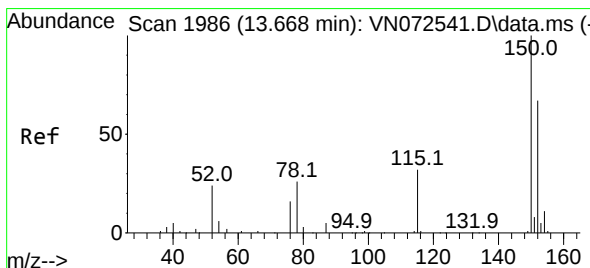
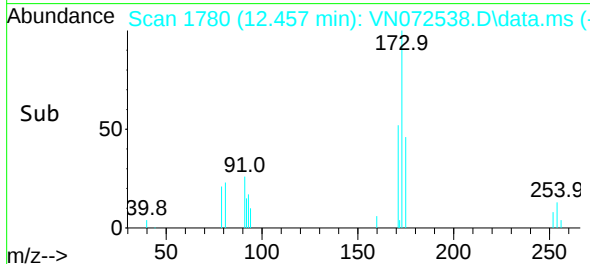
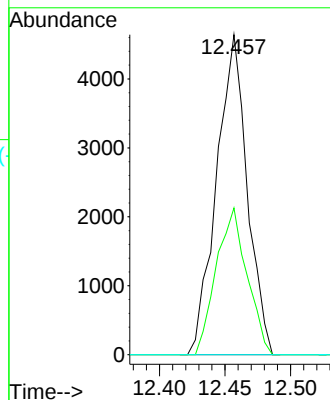
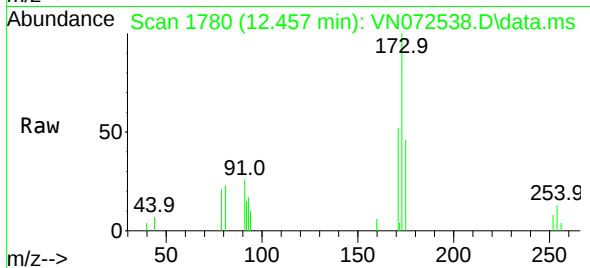




#71
Bromoform
Concen: 5.173 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

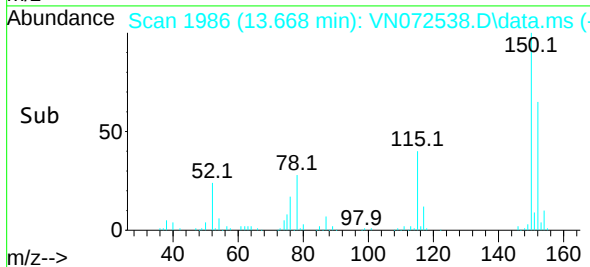
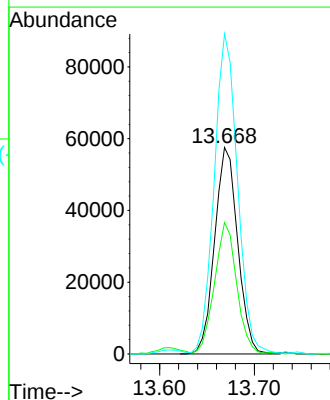
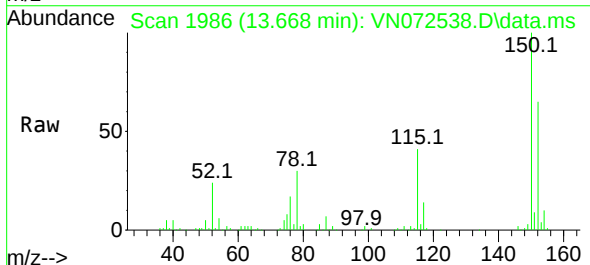
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

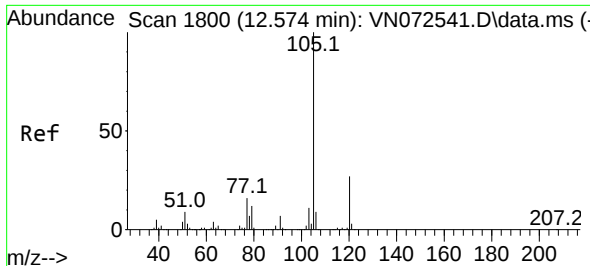
Tgt Ion:173 Resp: 7547
Ion Ratio Lower Upper
173 100
175 46.2 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:152 Resp: 97500
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 155.0 0.0 356.2

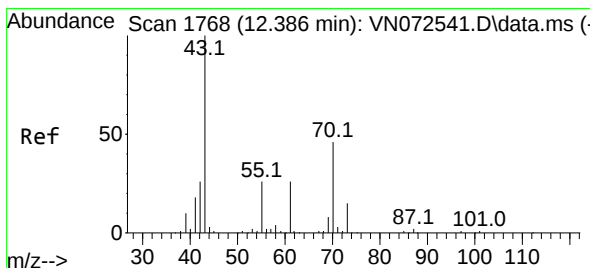
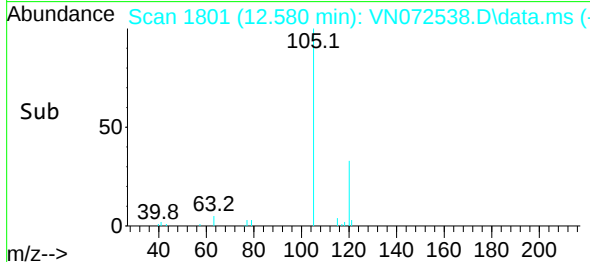
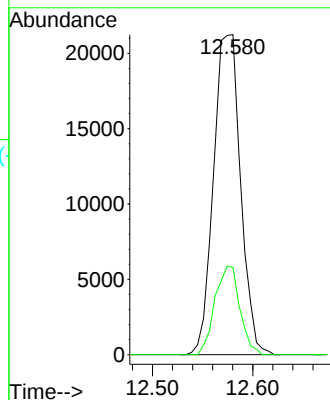
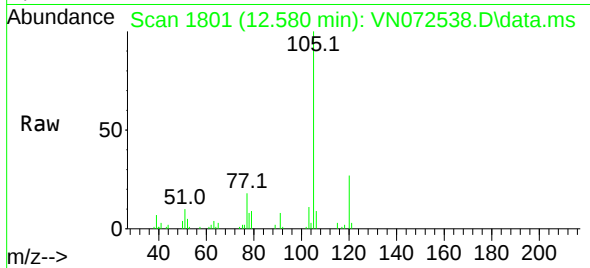




#73
Isopropylbenzene
Concen: 4.956 ug/l
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

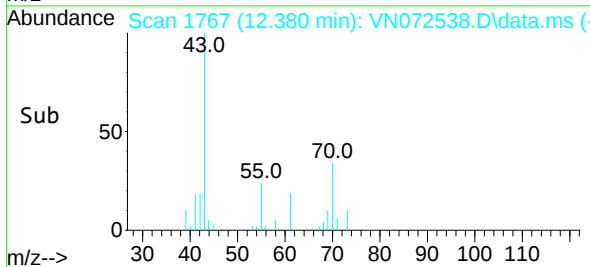
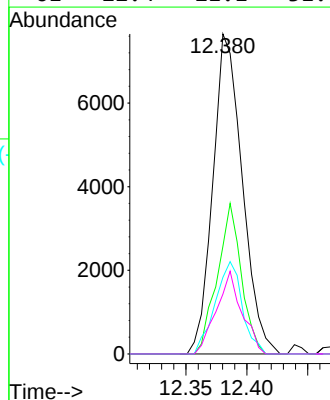
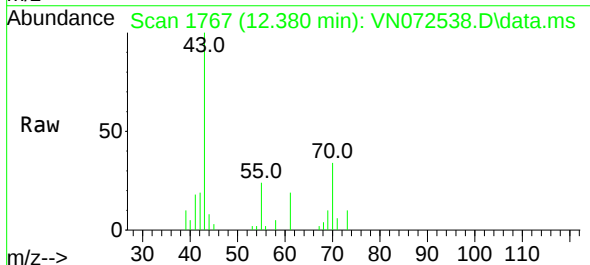
Instrument :
MSVOA_N
ClientSampleId :
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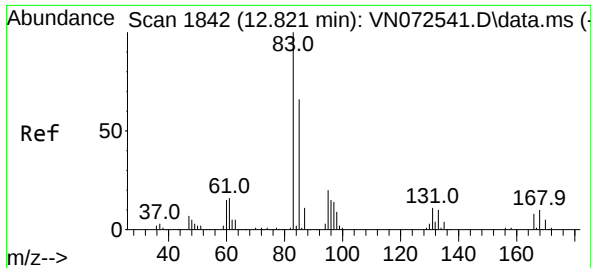
Tgt Ion:105 Resp: 39804
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4



#74
N-ethyl acetate
Concen: 4.606 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 43 Resp: 12860
Ion Ratio Lower Upper
43 100
70 38.5 39.0 58.4#
55 26.6 21.1 31.7
61 22.4 21.1 31.7

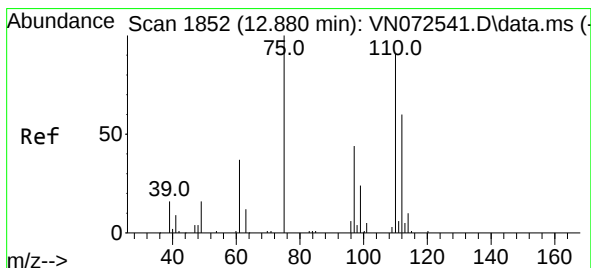
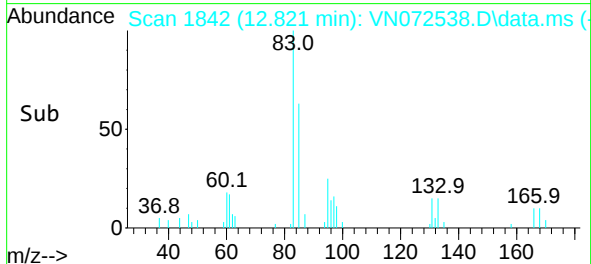
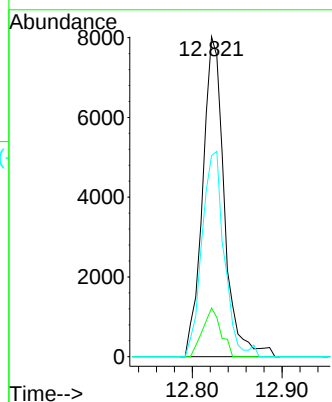
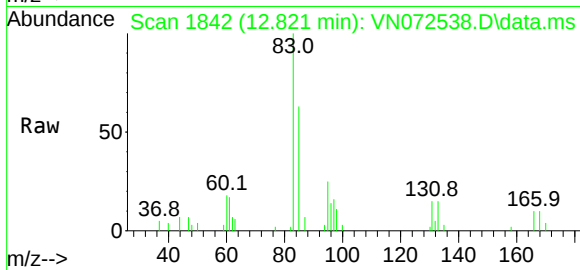




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.731 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

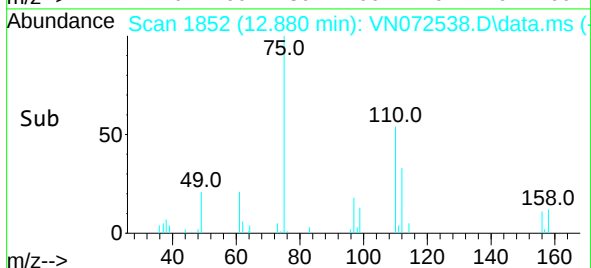
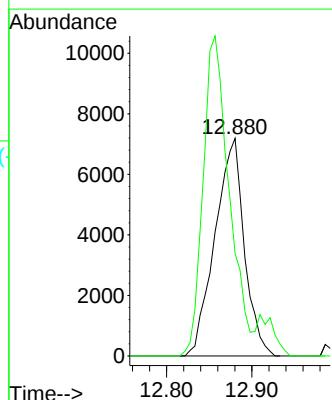
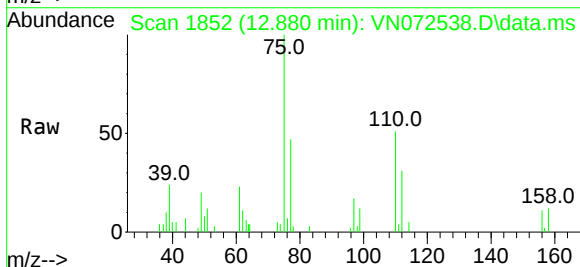
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

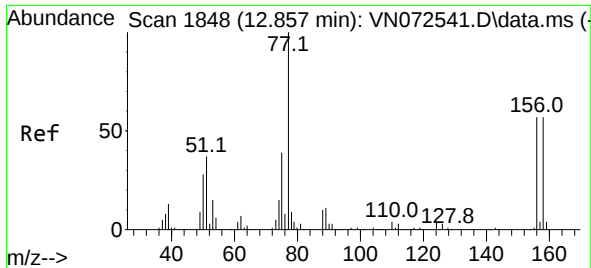
Tgt Ion: 83 Resp: 13449
 Ion Ratio Lower Upper
 83 100
 131 12.7 5.3 15.9
 85 65.9 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 6.840 ug/l
 RT: 12.880 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

Tgt Ion: 75 Resp: 17183
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#

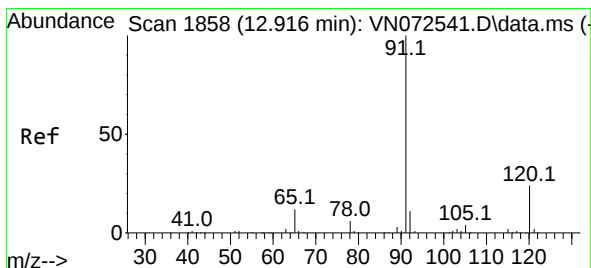
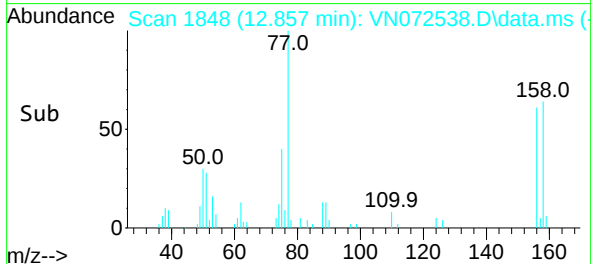
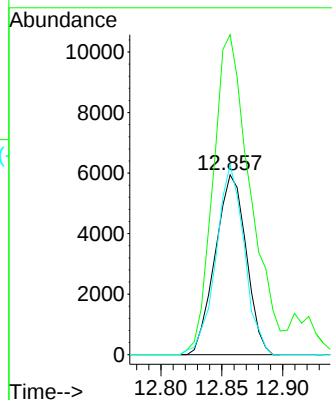
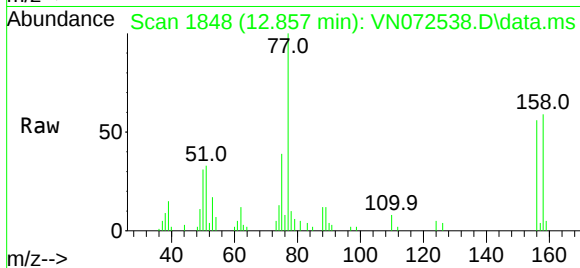




#77
Bromobenzene
Concen: 5.476 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

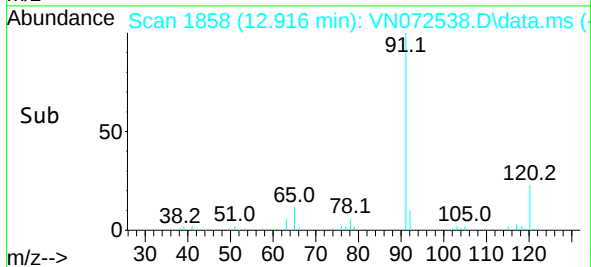
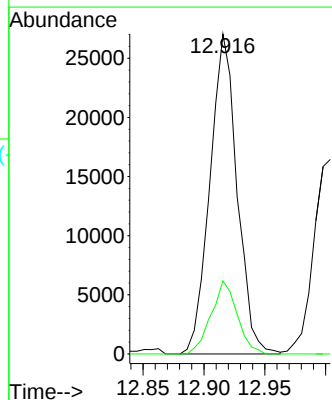
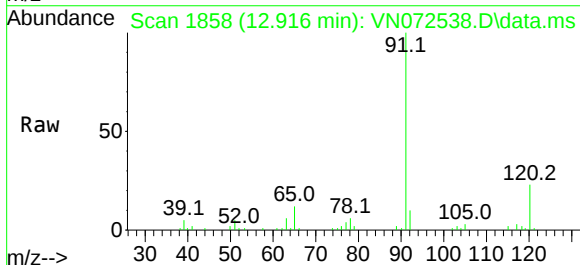
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

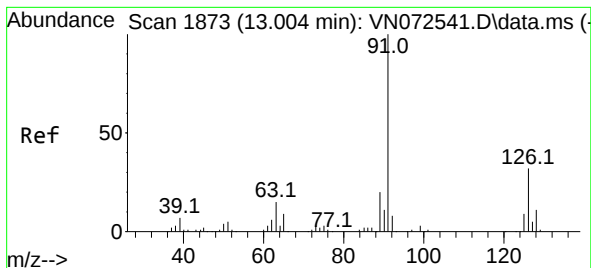
Tgt Ion:156 Resp: 10525
Ion Ratio Lower Upper
156 100
77 212.2 100.5 301.5
158 96.6 48.9 146.6



#78
n-propylbenzene
Concen: 4.883 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 91 Resp: 42073
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 5.100 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

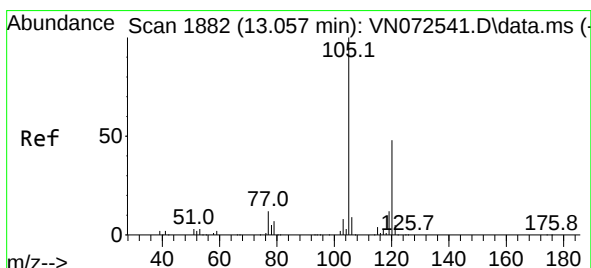
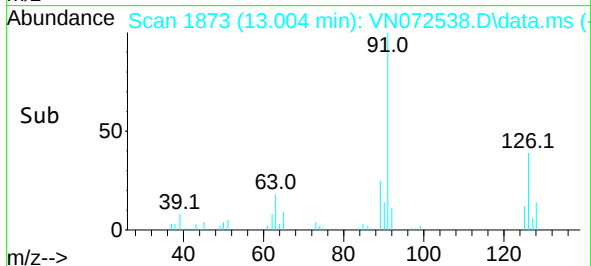
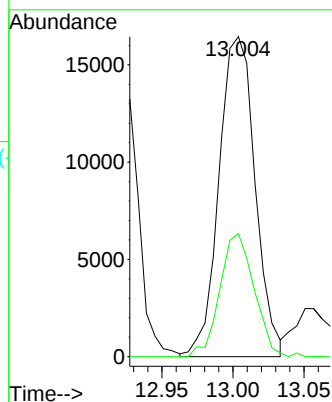
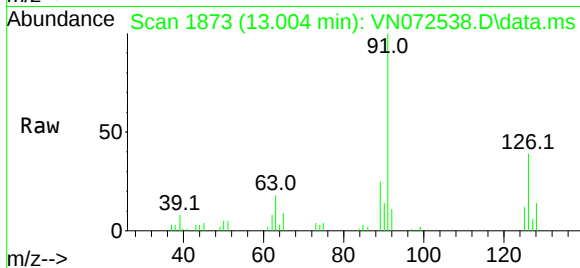
VSTDIC005

Tgt Ion: 91 Resp: 29096

Ion Ratio Lower Upper

91 100

126 36.6 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 5.214 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VN072538.D

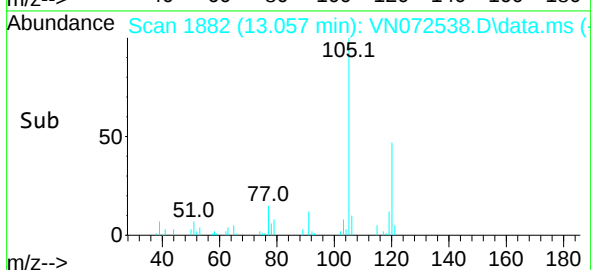
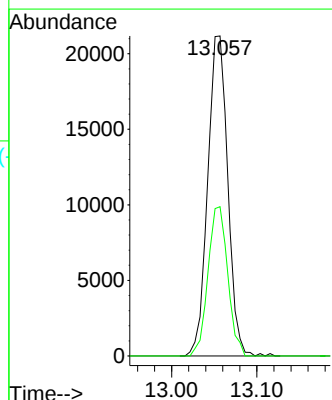
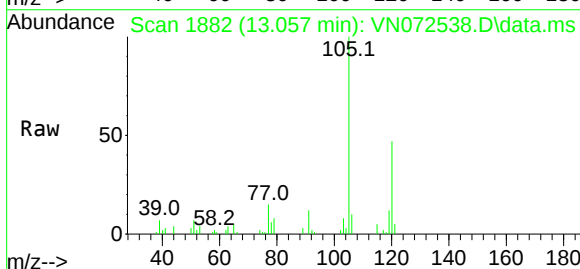
Acq: 18 May 2022 13:30

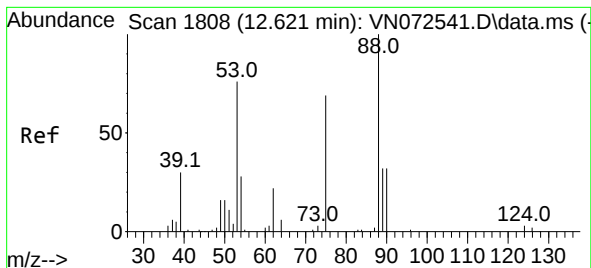
Tgt Ion: 105 Resp: 34643

Ion Ratio Lower Upper

105 100

120 45.8 24.9 74.7

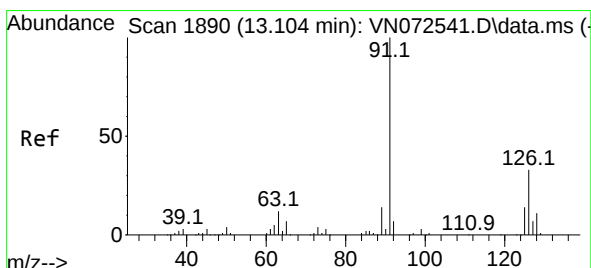
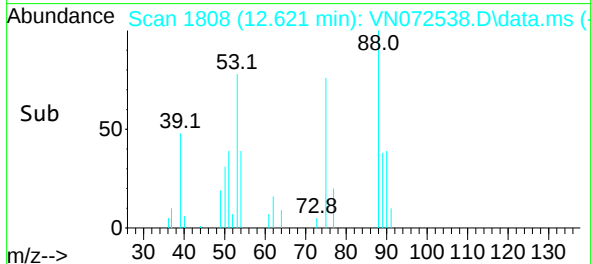
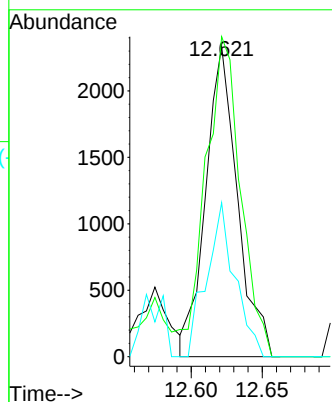
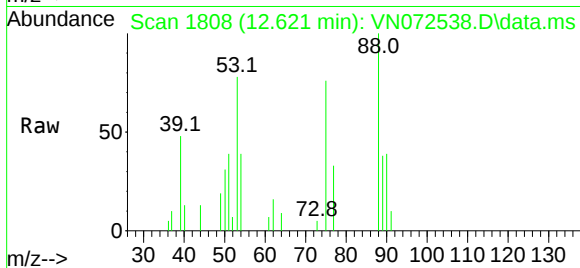




#81
trans-1,4-Dichloro-2-butene
Concen: 4.882 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

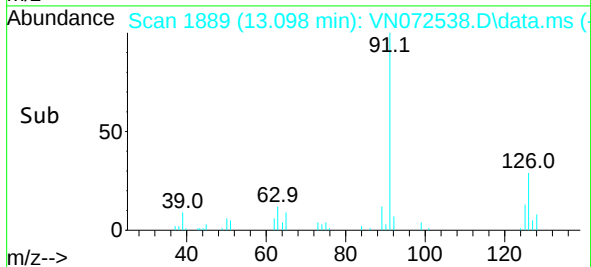
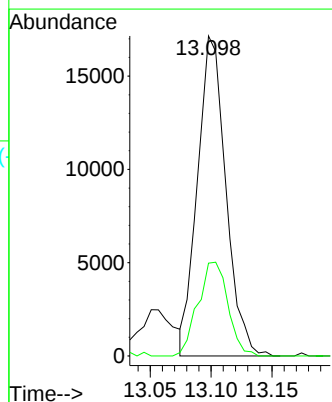
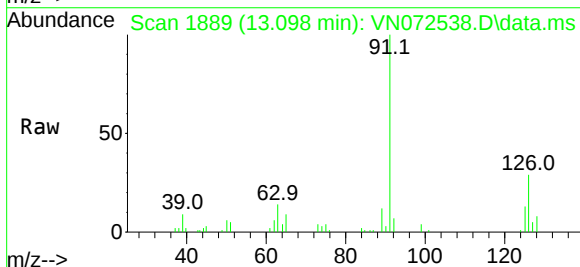
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

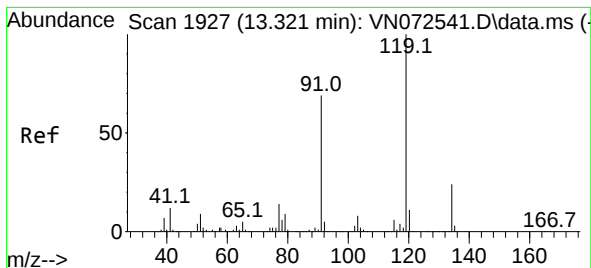
Tgt Ion: 75 Resp: 3636
Ion Ratio Lower Upper
75 100
53 114.2 78.0 117.0
89 44.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 5.159 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion: 91 Resp: 27750
Ion Ratio Lower Upper
91 100
126 31.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 5.182 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

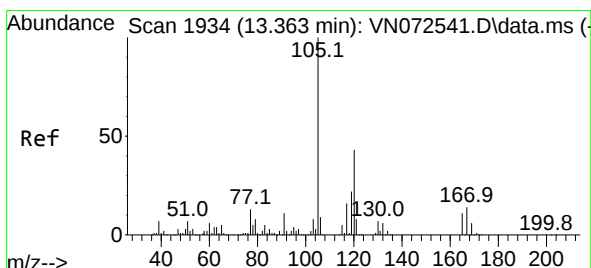
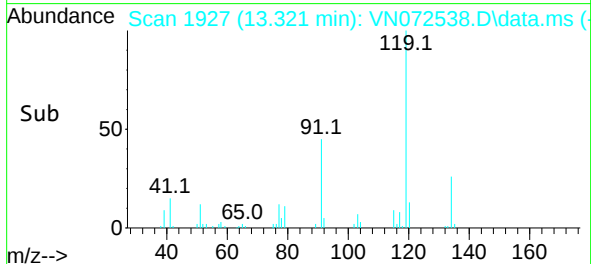
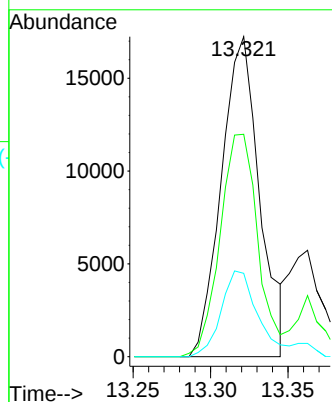
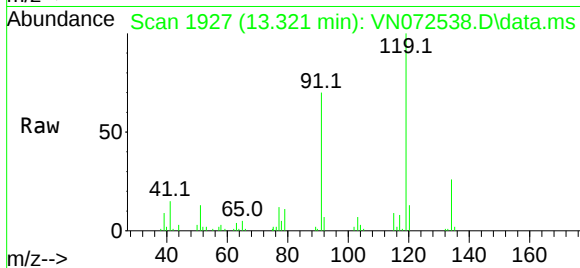
Tgt Ion:119 Resp: 29672

Ion Ratio Lower Upper

119 100

91 68.2 31.6 94.8

134 25.7 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 5.130 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: VN072538.D

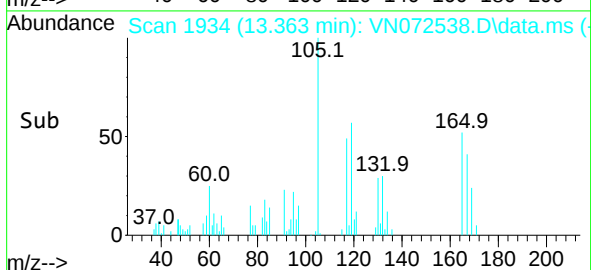
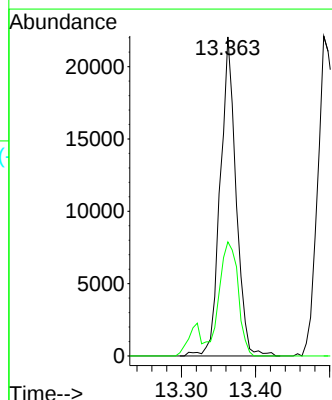
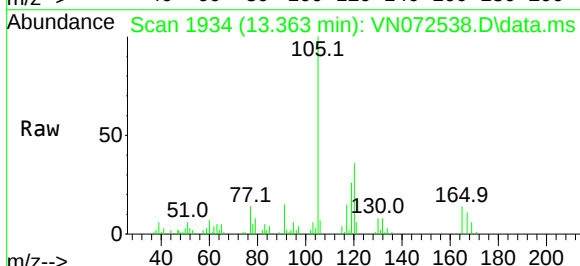
Acq: 18 May 2022 13:30

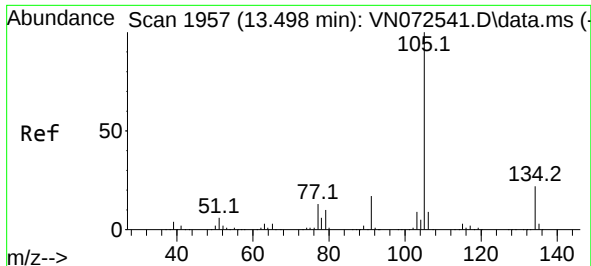
Tgt Ion:105 Resp: 32740

Ion Ratio Lower Upper

105 100

120 42.3 23.3 69.8

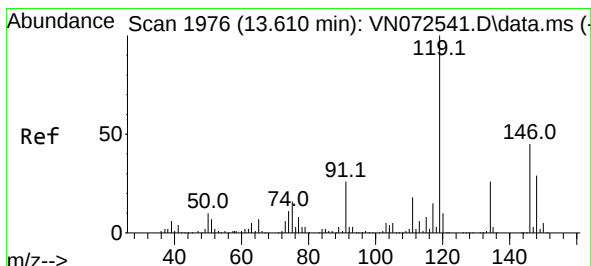
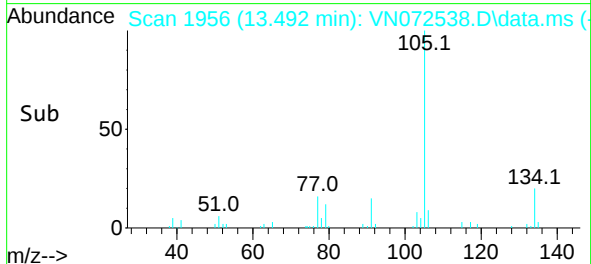
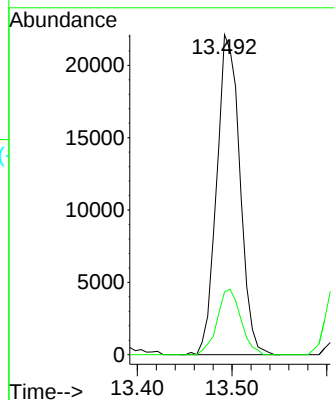
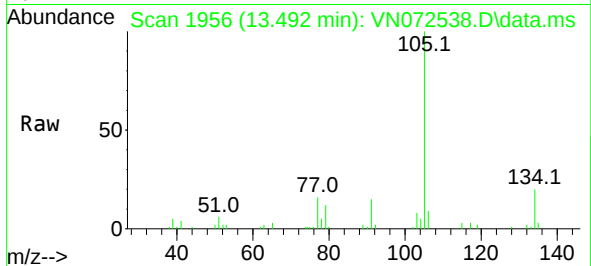




#85
 sec-Butylbenzene
 Concen: 4.938 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

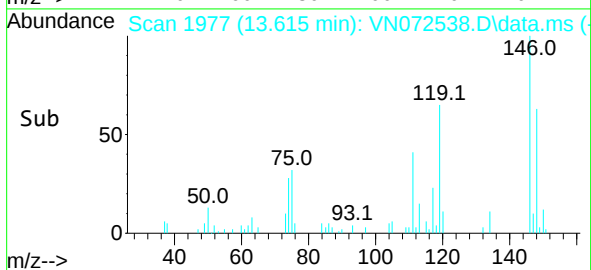
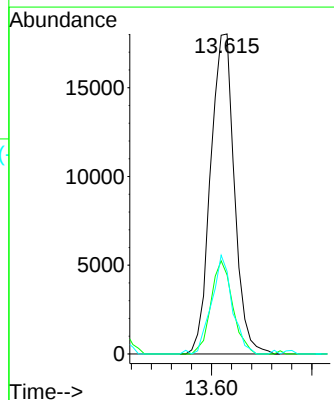
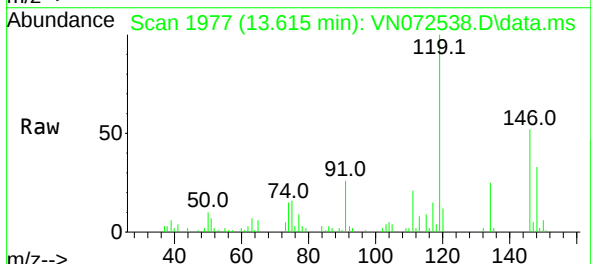
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

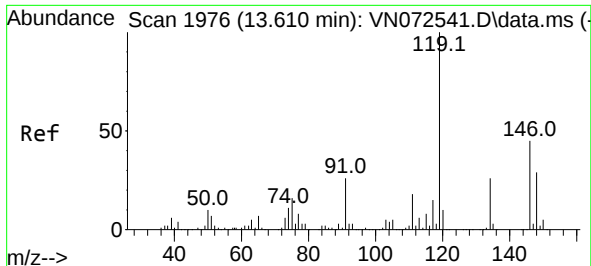
Tgt Ion:105 Resp: 37582
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.980 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

Tgt Ion:119 Resp: 29692
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 27.0 11.3 33.9

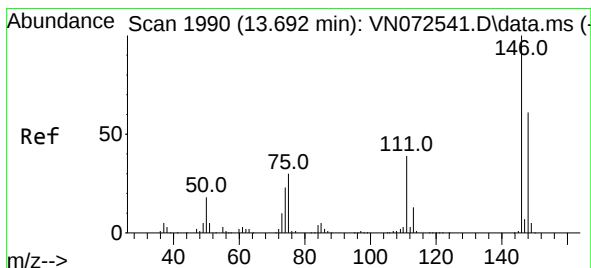
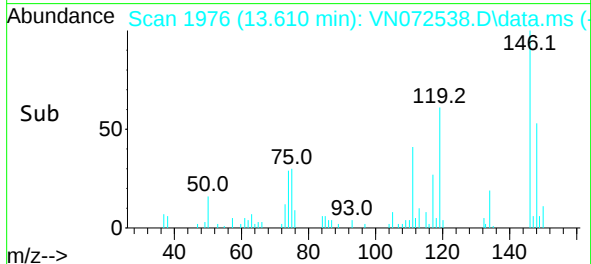
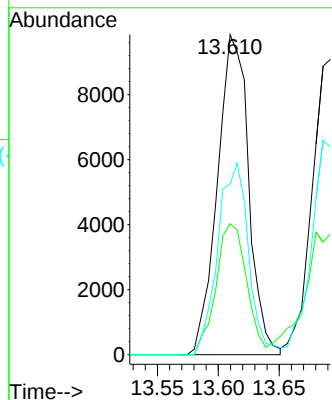
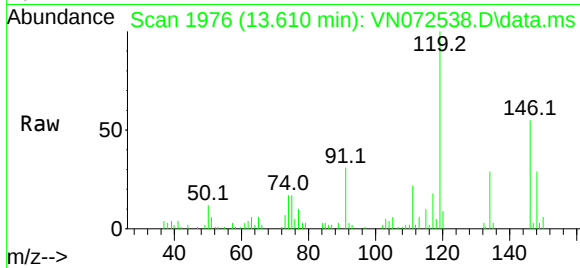




#87
 1,3-Dichlorobenzene
 Concen: 5.330 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

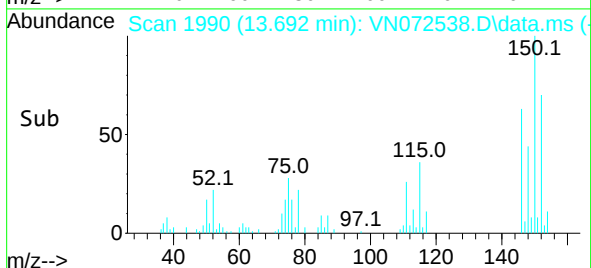
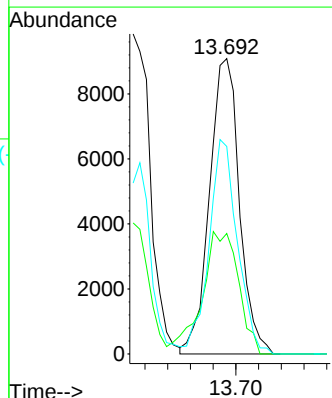
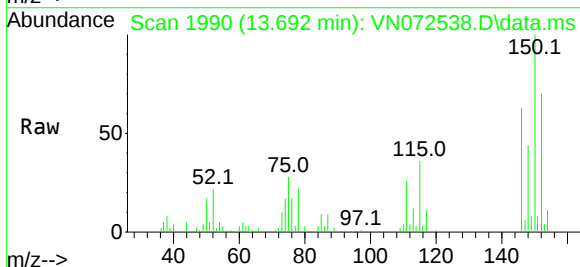
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

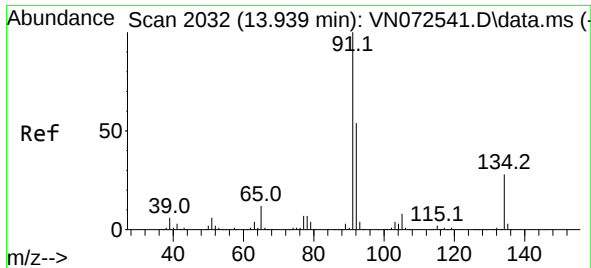
Tgt Ion:146 Resp: 17587
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 59.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.041 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN072538.D
 Acq: 18 May 2022 13:30

Tgt Ion:146 Resp: 16615
 Ion Ratio Lower Upper
 146 100
 111 50.6 19.1 57.1
 148 69.1 31.4 94.3

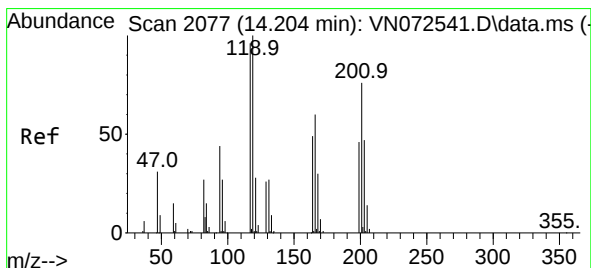
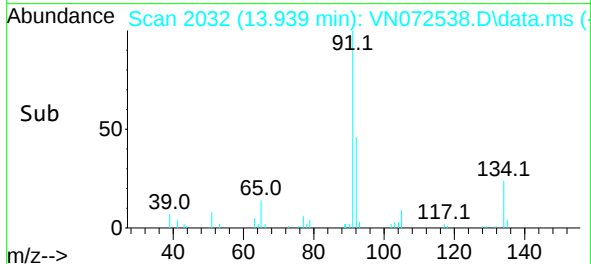
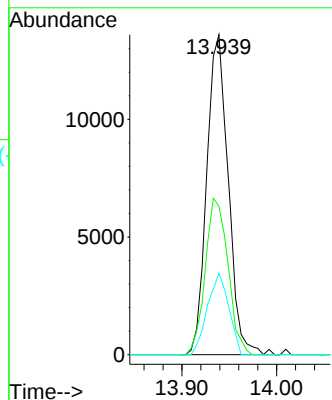
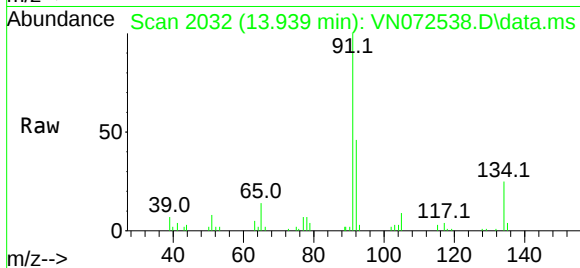




#89
n-Butylbenzene
Concen: 4.671 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

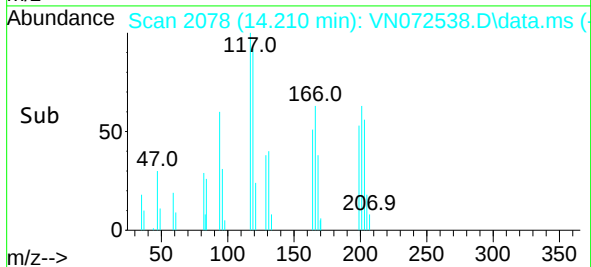
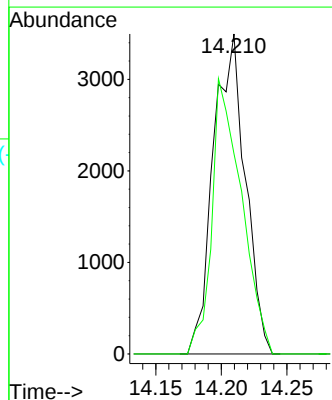
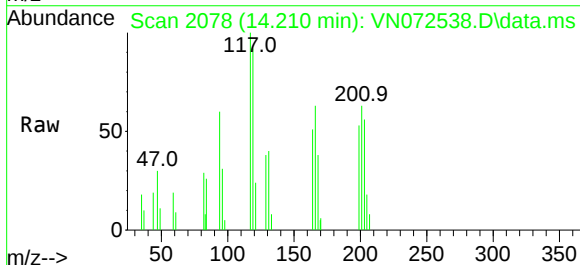
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

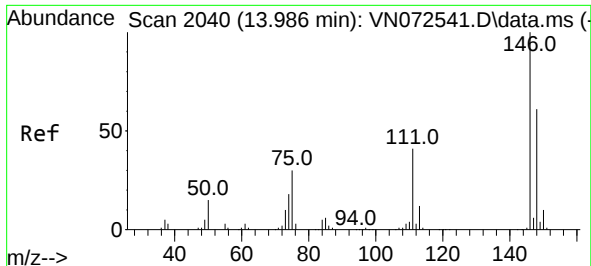
Tgt Ion:	91	Resp:	21416
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.9	80.7
134	25.2	13.6	40.8



#90
Hexachloroethane
Concen: 4.975 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072538.D
Acq: 18 May 2022 13:30

Tgt Ion:	117	Resp:	5922
Ion	Ratio	Lower	Upper
117	100		
201	79.8	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 5.108 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

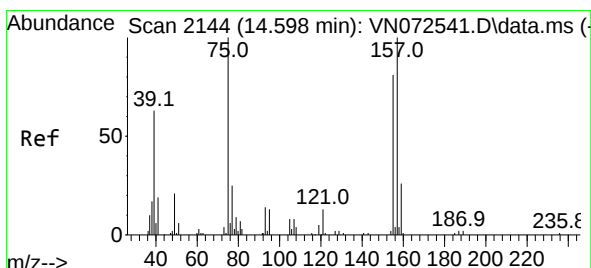
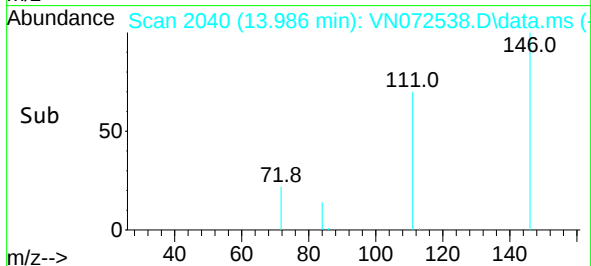
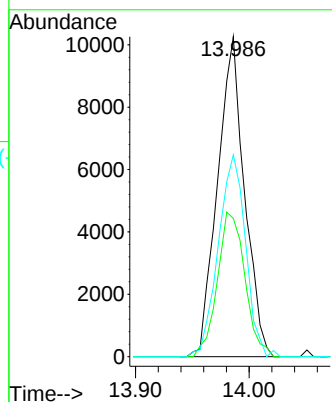
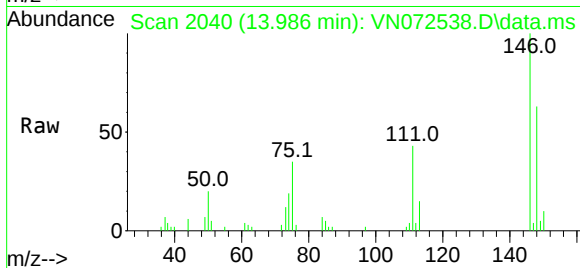
Tgt Ion:146 Resp: 16919

Ion Ratio Lower Upper

146 100

111 46.0 20.9 62.8

148 63.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.430 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

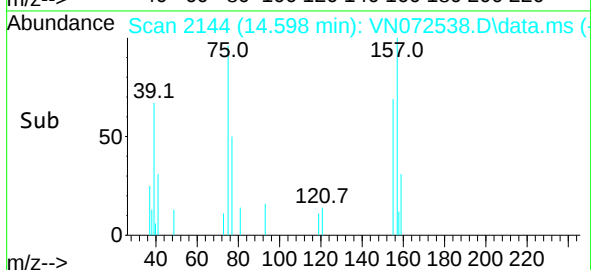
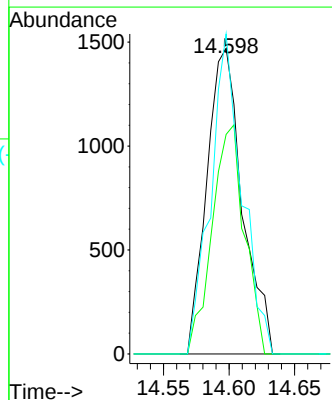
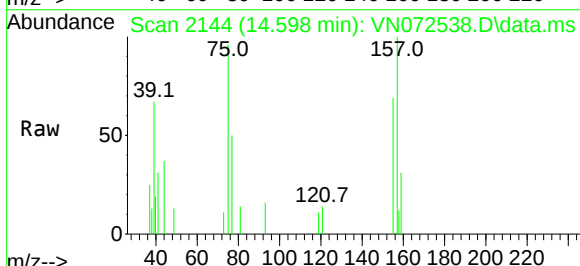
Tgt Ion: 75 Resp: 2776

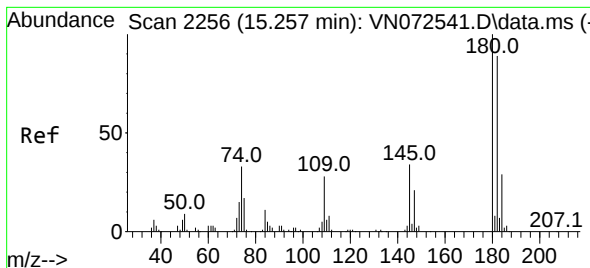
Ion Ratio Lower Upper

75 100

155 68.0 44.9 134.5

157 92.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 4.585 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

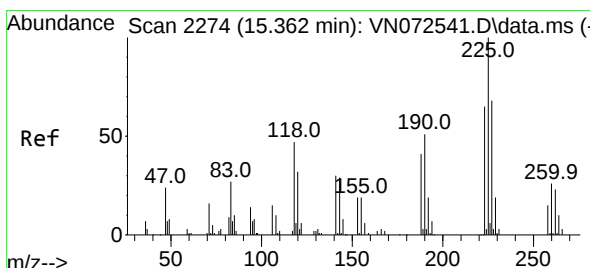
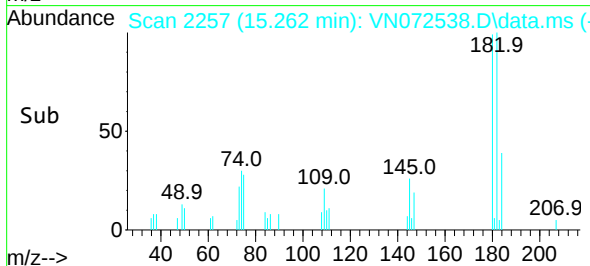
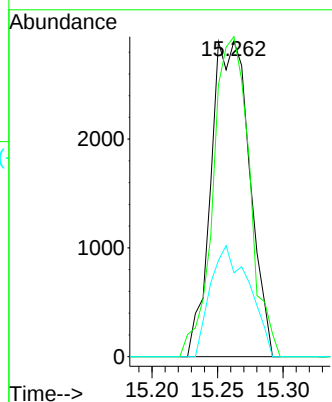
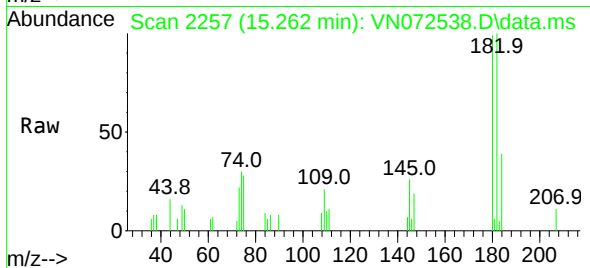
Tgt Ion:180 Resp: 5934

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 35.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 6.256 ug/l

RT: 15.357 min Scan# 2273

Delta R.T. -0.006 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

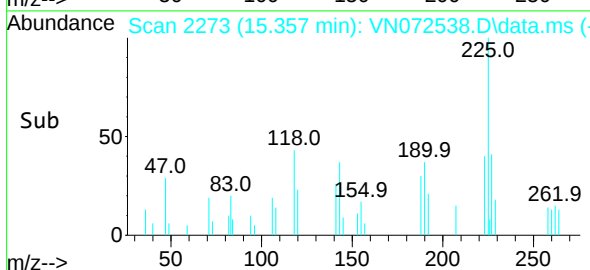
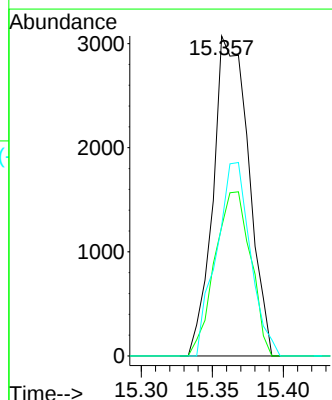
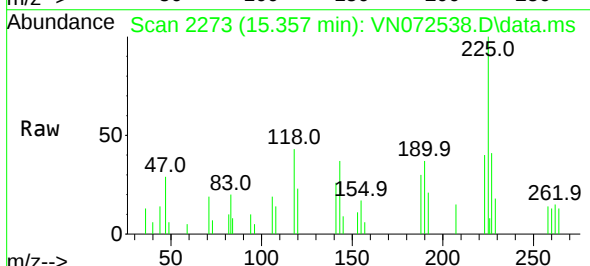
Tgt Ion:225 Resp: 5326

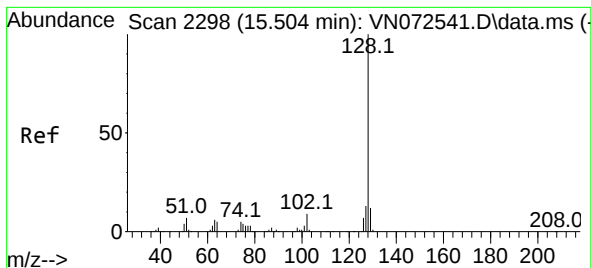
Ion Ratio Lower Upper

225 100

223 52.0 32.4 97.2

227 58.0 31.8 95.4





#95

Naphthalene

Concen: 4.270 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

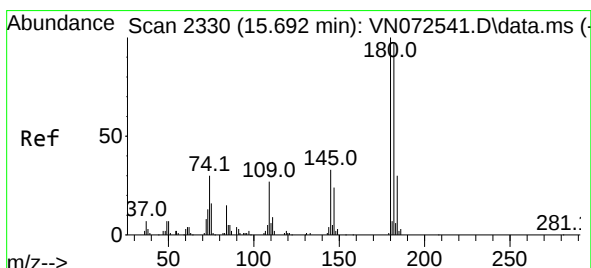
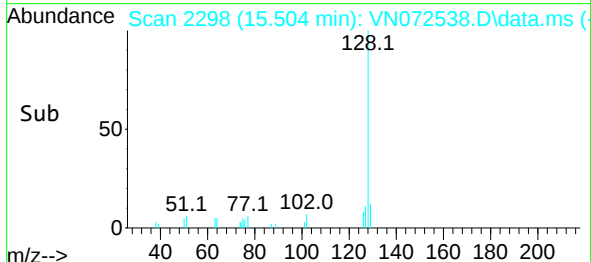
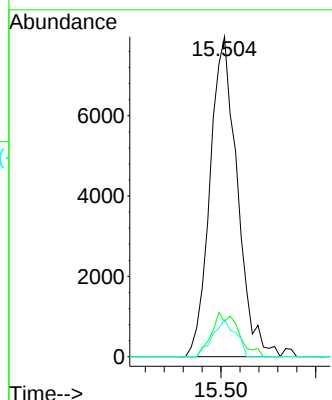
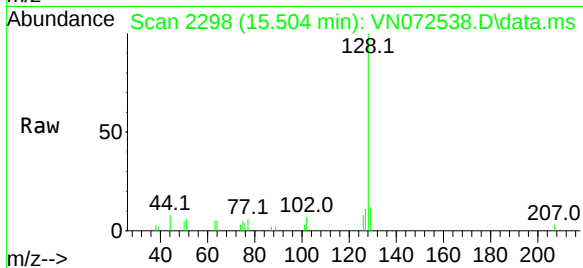
Tgt Ion:128 Resp: 15909

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 9.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.972 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. 0.000 min

Lab File: VN072538.D

Acq: 18 May 2022 13:30

Tgt Ion:180 Resp: 6451

Ion Ratio Lower Upper

180 100

182 88.1 47.8 143.3

145 30.6 15.5 46.5

