

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102623\
 Data File : VW032650.D
 Acq On : 26 Oct 2023 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 05:24:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 26 04:59:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	84215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	33633	4.911	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.532	69	30898	5.558	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.200%	
11) 1,1-Dichloroethene-d2	2.056	65	14114	4.886	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	3.828	46	87403	50.446	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.900%	
24) Chloroform-d	4.252	84	61080	5.055	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	4.947	65	30771	5.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	4.963	84	115215	4.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
36) 1,2-Dichloropropane-d6	5.992	67	35258	3.726	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	74.600%	
41) Toluene-d8	7.246	98	121249	4.642	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.558	79	15492	4.620	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.030	63	72197	45.757	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.520%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32790	4.954	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	42591	4.420	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	54136	5.769	ug/L	99
3) Chloromethane	1.214	50	55066	5.821	ug/L	99
5) Vinyl chloride	1.282	62	55139	6.111	ug/L	99
6) Bromomethane	1.487	94	33786	6.198	ug/L	99
8) Chloroethane	1.548	64	33628	6.191	ug/L	98
9) Trichlorofluoromethane	1.712	101	68246	6.307	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	38002	5.796	ug/L	97
12) 1,1-Dichloroethene	2.066	96	35627	5.768	ug/L	95
13) Acetone	2.143	43	14647	10.968	ug/L	84
14) Carbon disulfide	2.236	76	118546	5.491	ug/L	100
15) Methyl Acetate	2.391	43	12010	3.995	ug/L	93
16) Methylene chloride	2.445	84	40290	5.003	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	77293	4.597	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	35619	5.035	ug/L	99
19) 1,1-Dichloroethane	3.111	63	63405	4.764	ug/L	99
21) 2-Butanone	3.905	43	78805	37.737	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	36073	4.736	ug/L	96
23) Bromochloromethane	4.153	128	17301	5.399	ug/L	96
25) Chloroform	4.278	83	68699	5.261	ug/L	99

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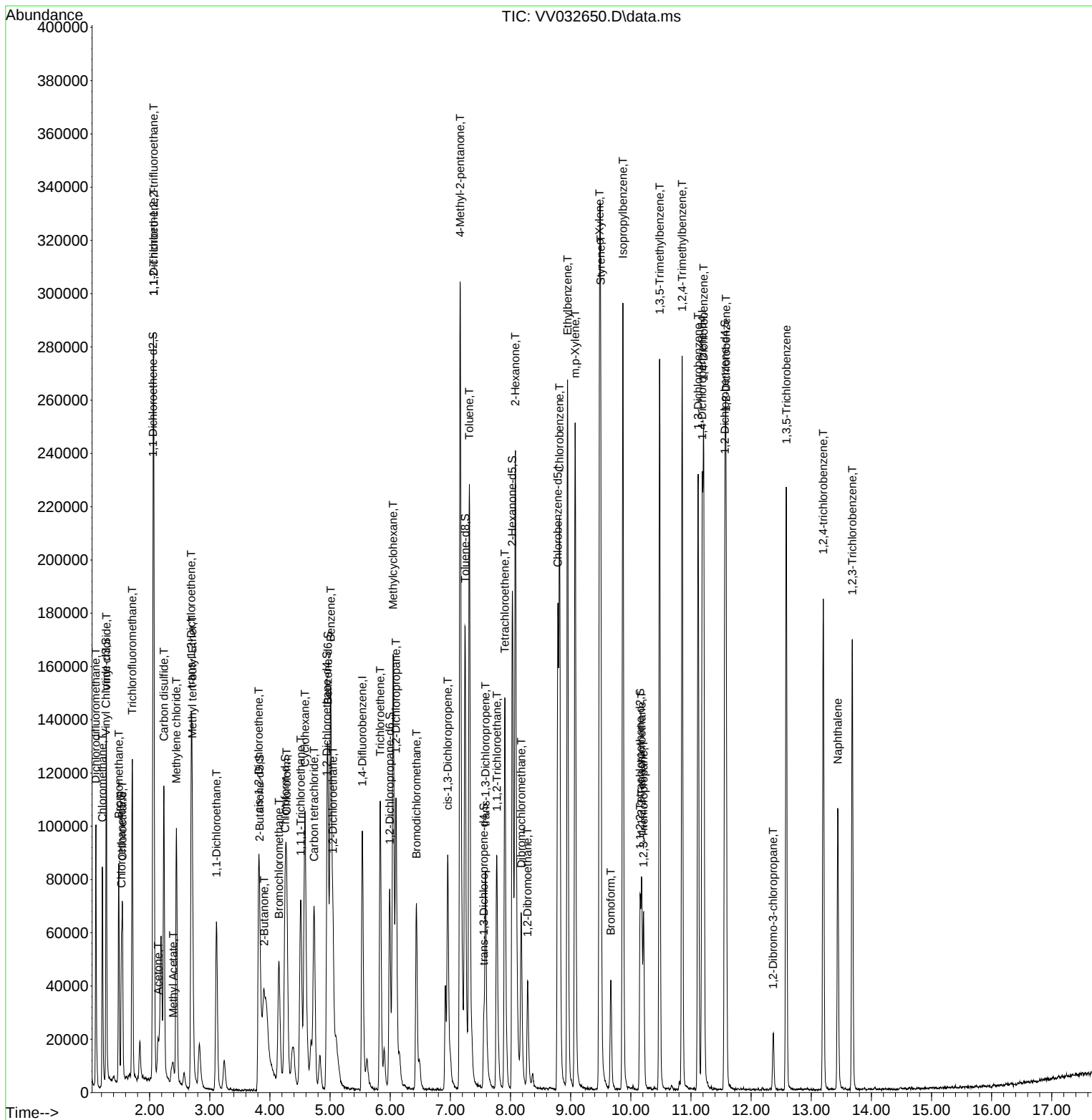
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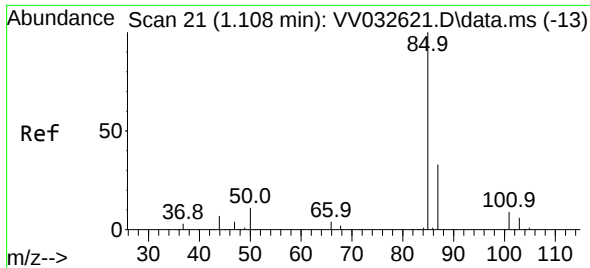
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	42872	5.558	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	59244	4.489	ug/L	99
30) Cyclohexane	4.584	56	51087	3.522	ug/L	95
31) Carbon tetrachloride	4.735	117	50796	4.549	ug/L	98
33) Benzene	5.011	78	148262	4.338	ug/L	100
34) Trichloroethene	5.834	95	37915	4.064	ug/L	99
35) Methylcyclohexane	6.050	83	59245	4.103	ug/L	98
37) 1,2-Dichloropropane	6.095	63	38086	4.167	ug/L #	97
38) Bromodichloromethane	6.436	83	47025	4.330	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	56542	4.347	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	238575	41.247	ug/L	99
42) Toluene	7.317	91	177456	4.871	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	49355	4.617	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	30762	4.771	ug/L	98
47) Tetrachloroethene	7.905	164	35378	5.000	ug/L	96
48) 2-Hexanone	8.082	43	173146	42.428	ug/L	97
49) Dibromochloromethane	8.178	129	34124	5.084	ug/L	97
50) 1,2-Dibromoethane	8.284	107	29131	4.777	ug/L	93
51) Chlorobenzene	8.815	112	112357	4.790	ug/L	100
52) Ethylbenzene	8.950	91	184671	4.552	ug/L	99
53) m,p-Xylene	9.075	106	71204	4.732	ug/L	96
54) o-Xylene	9.481	106	67040	4.624	ug/L	96
55) Styrene	9.500	104	120325	4.914	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	35550	5.011	ug/L	98
59) Bromoform	9.667	173	18719	4.957	ug/L	100
60) Isopropylbenzene	9.870	105	180524	4.473	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	25904	4.687	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	141571	4.304	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	144083	4.400	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	91134	4.727	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	91674	4.740	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	84319	4.796	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5457	4.833	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	65350	4.629	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	53141	4.243	ug/L	99
71) Naphthalene	13.442	128	82760	3.890	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	48536	4.498	ug/L	99

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

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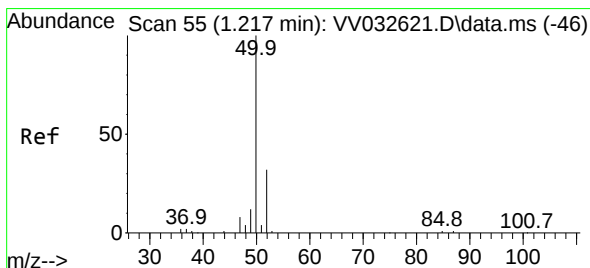
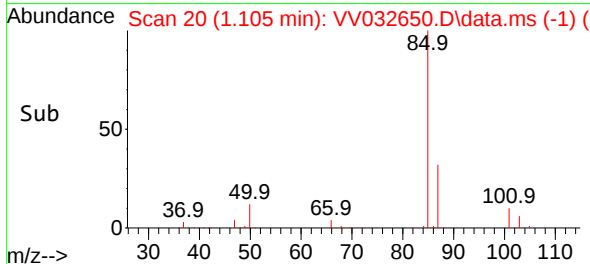
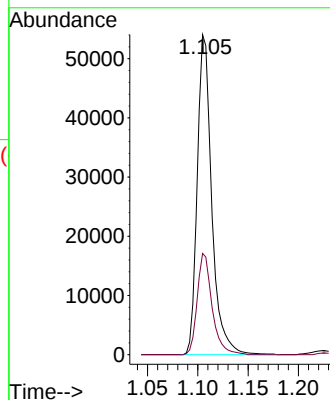
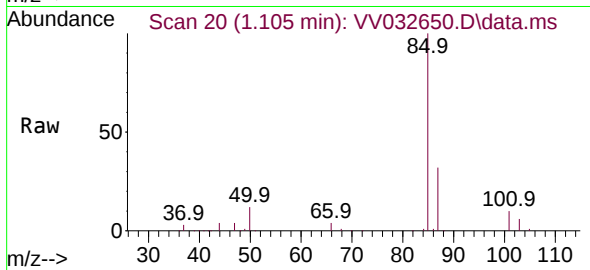




#2
Dichlorodifluoromethane
Concen: 5.769 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

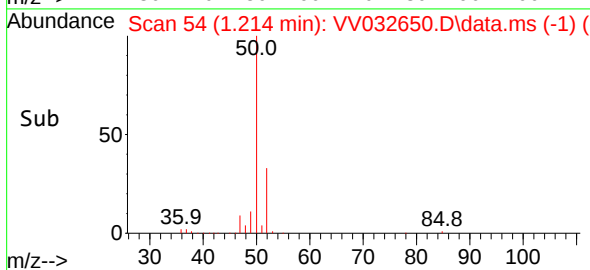
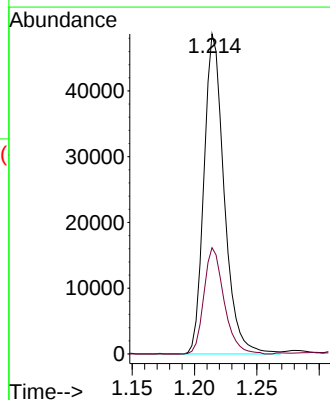
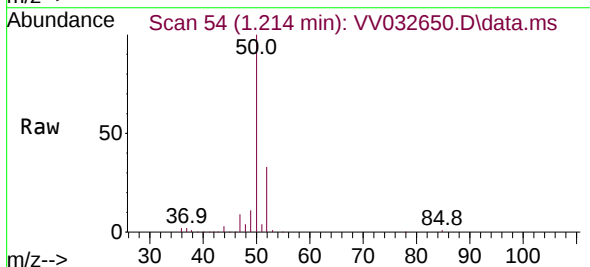
Instrument :
MSVOA_V
ClientSampleId :

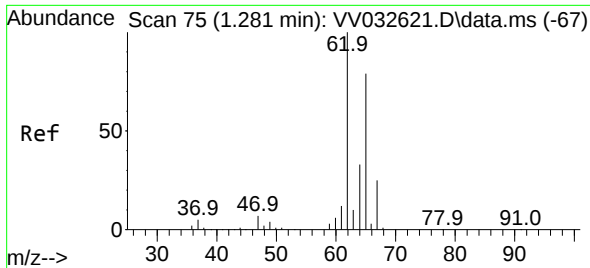
Tgt Ion: 85 Resp: 54136
Ion Ratio Lower Upper
85 100
87 32.4 25.5 38.3



#3
Chloromethane
Concen: 5.821 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

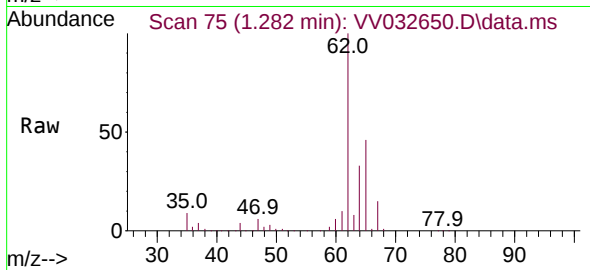
Tgt Ion: 50 Resp: 55066
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.6



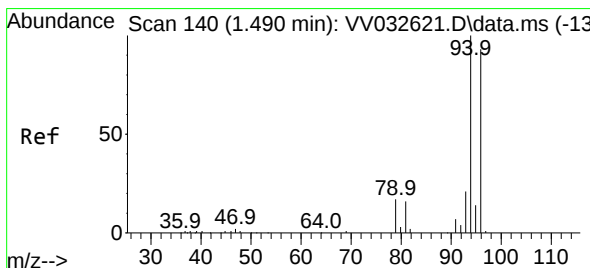
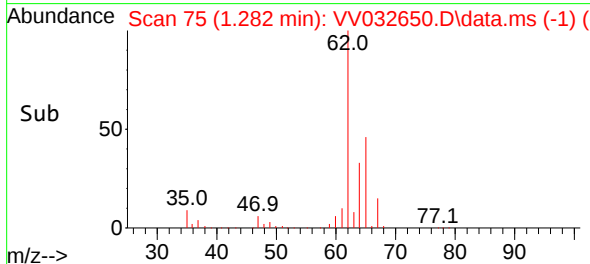
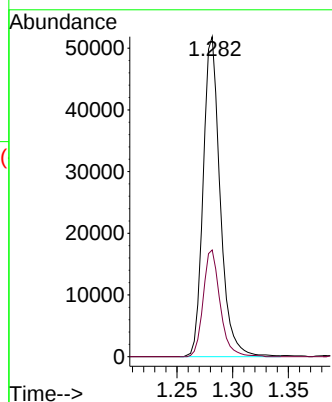


#5
 Vinyl chloride
 Concen: 6.111 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

Instrument :
 MSVOA_V
 ClientSampleId :

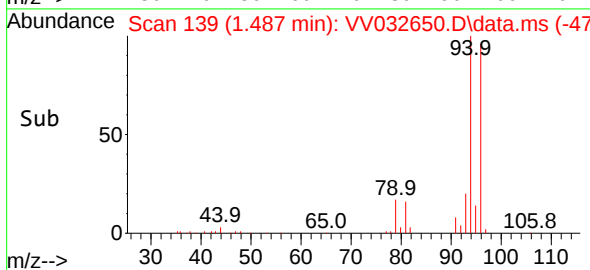
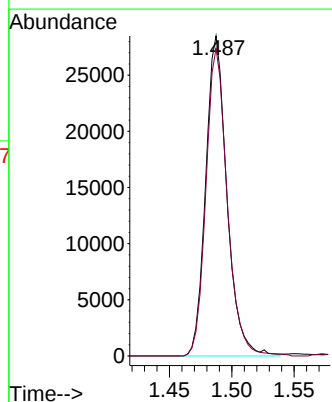
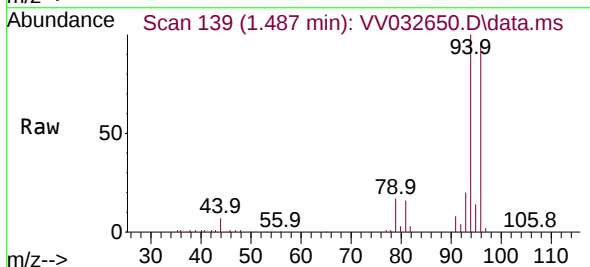


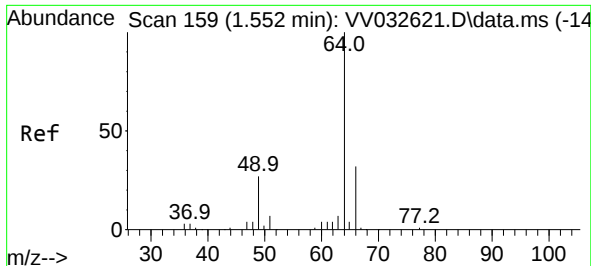
Tgt Ion: 62 Resp: 55139
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 6.198 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

Tgt Ion: 94 Resp: 33786
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.8 124.2

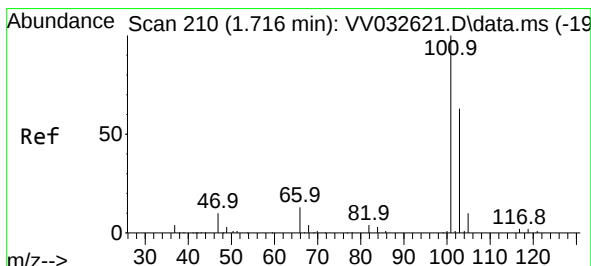
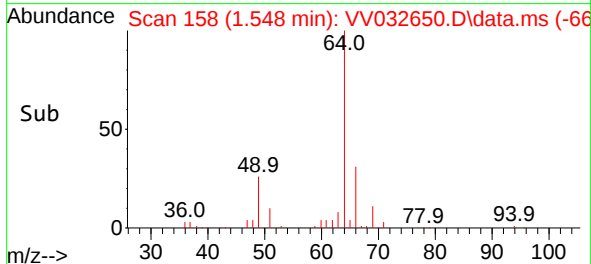
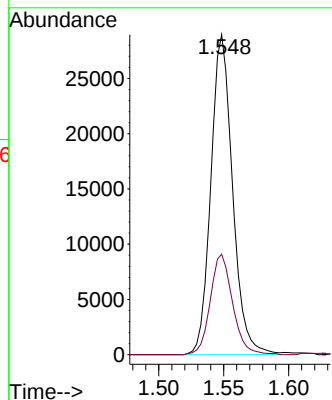
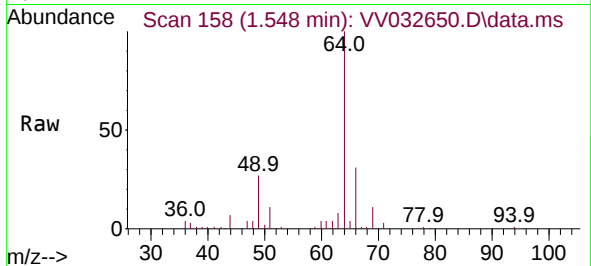




#8
Chloroethane
Concen: 6.191 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

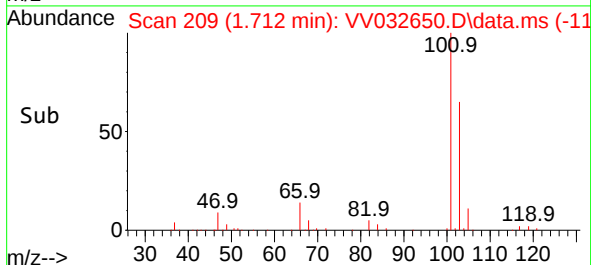
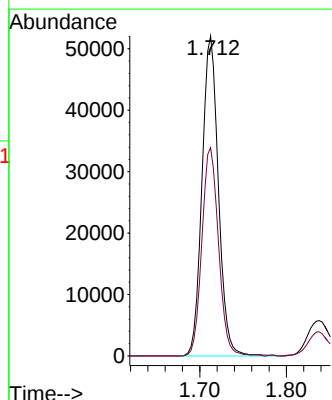
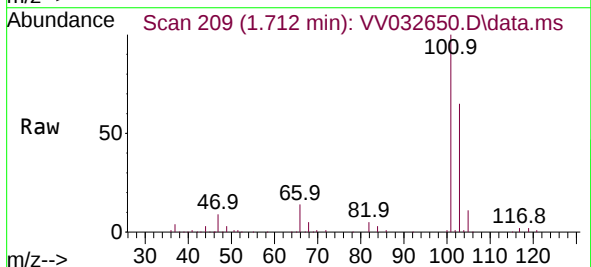
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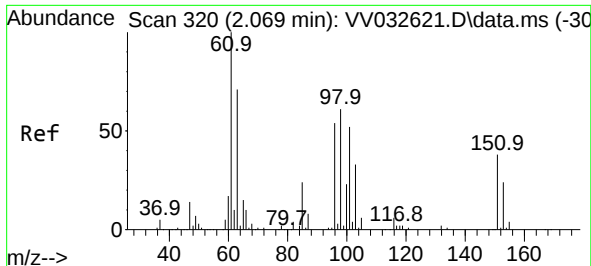
Tgt Ion: 64 Resp: 33628
Ion Ratio Lower Upper
64 100
66 31.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 6.307 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion:101 Resp: 68246
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

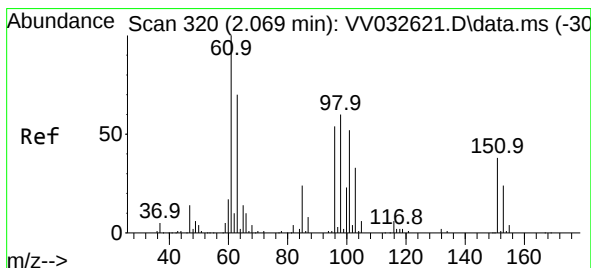
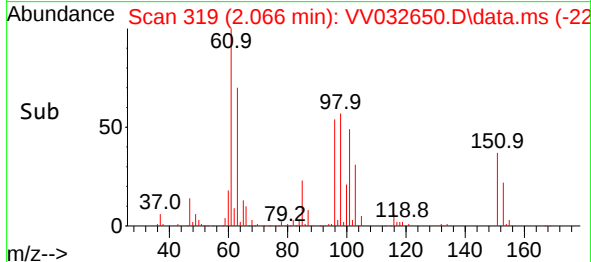
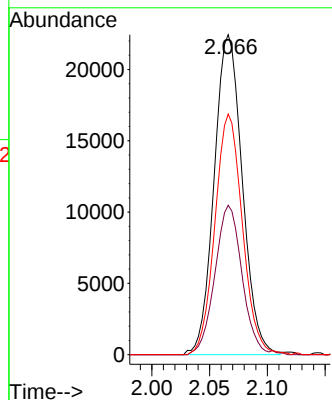
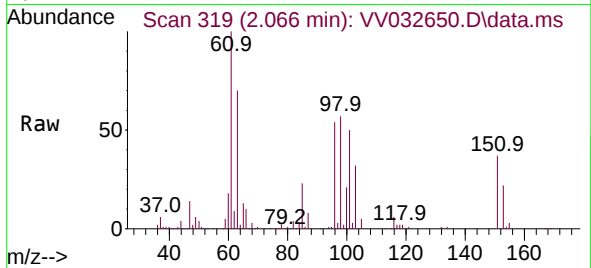




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.796 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

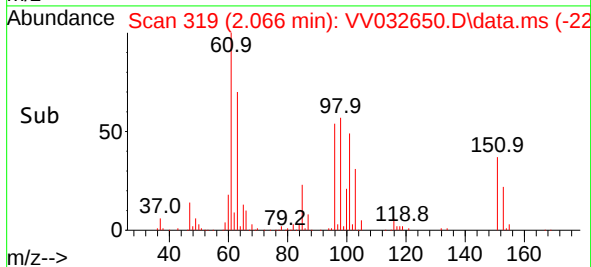
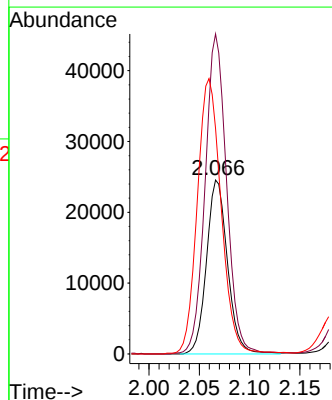
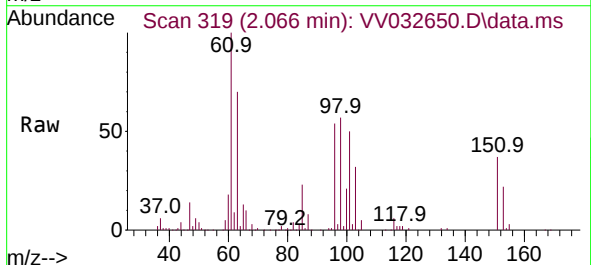
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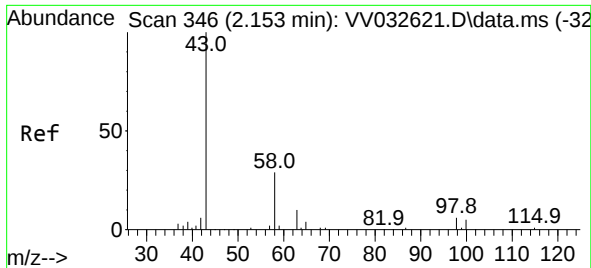
Tgt Ion:101 Resp: 38002
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.0 52.6
 151 73.4 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.768 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

Tgt Ion: 96 Resp: 35627
 Ion Ratio Lower Upper
 96 100
 61 184.0 127.3 236.3
 63 129.6 98.3 182.7





#13

Acetone

Concen: 10.968 ug/L

RT: 2.143 min Scan# 346

Delta R.T. -0.010 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

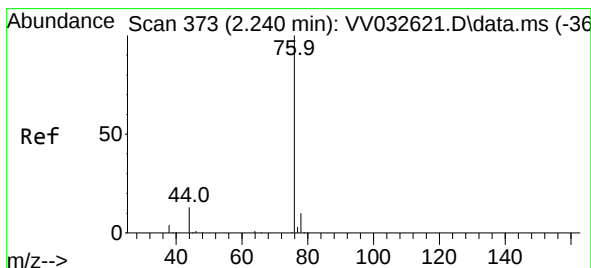
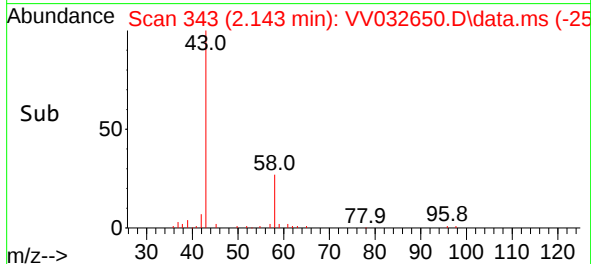
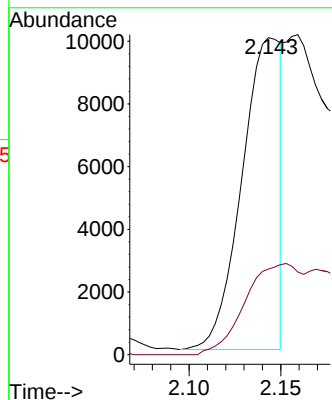
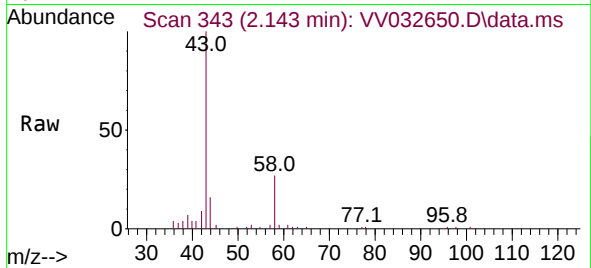
ClientSampleId :

Tgt Ion: 43 Resp: 14647

Ion Ratio Lower Upper

43 100

58 42.1 0.0 66.0



#14

Carbon disulfide

Concen: 5.491 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV032650.D

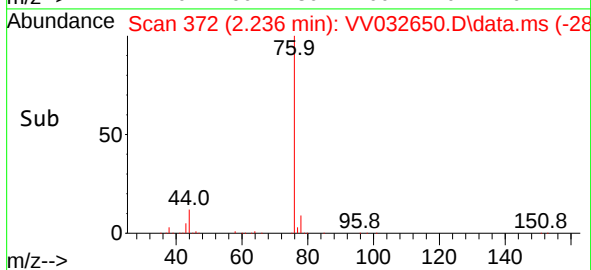
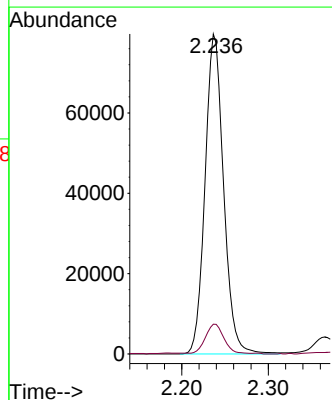
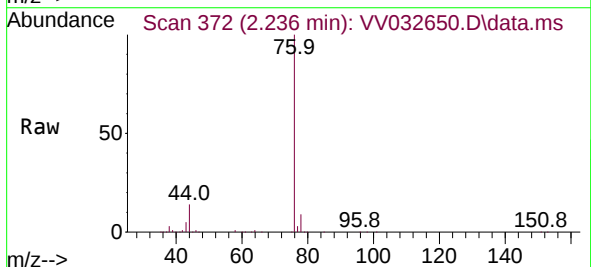
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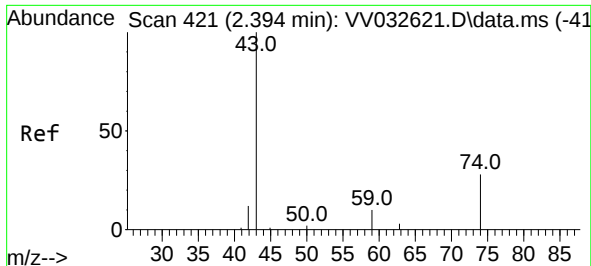
Tgt Ion: 76 Resp: 118546

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

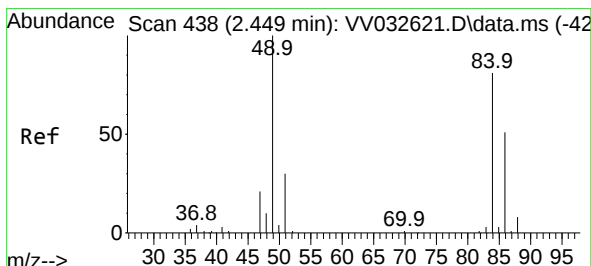
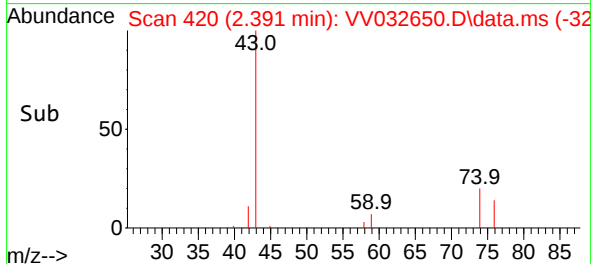
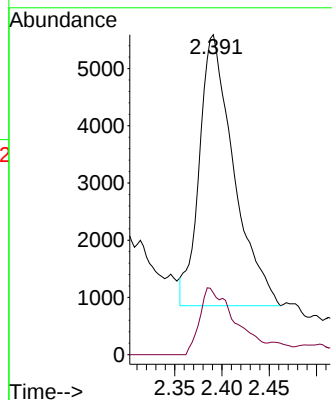
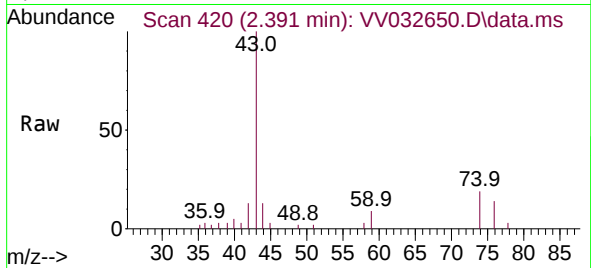




#15
Methyl Acetate
Concen: 3.995 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

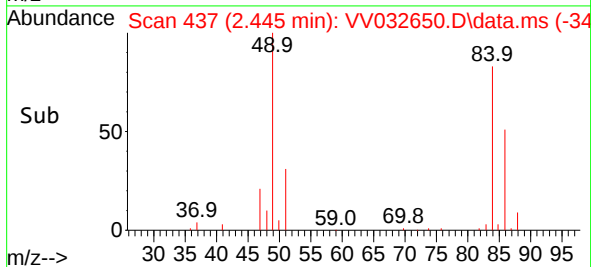
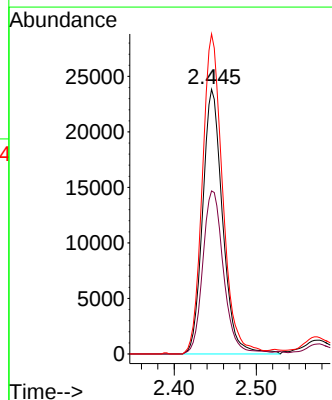
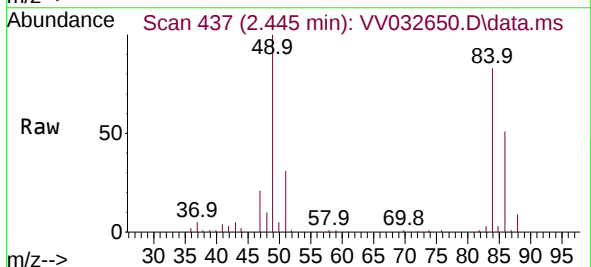
Instrument :
MSVOA_V
ClientSampleId :

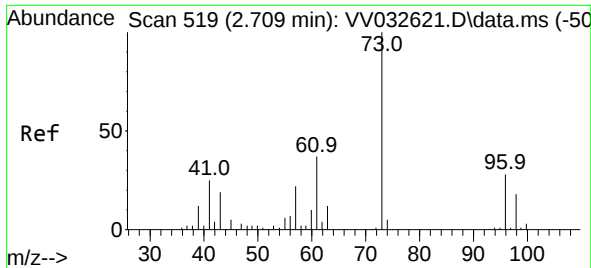
Tgt Ion: 43 Resp: 12010
Ion Ratio Lower Upper
43 100
74 25.8 18.0 27.0



#16
Methylene chloride
Concen: 5.003 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

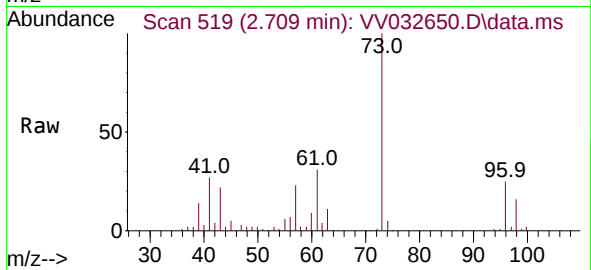
Tgt Ion: 84 Resp: 40290
Ion Ratio Lower Upper
84 100
86 61.6 43.2 80.2
49 120.9 86.3 160.3



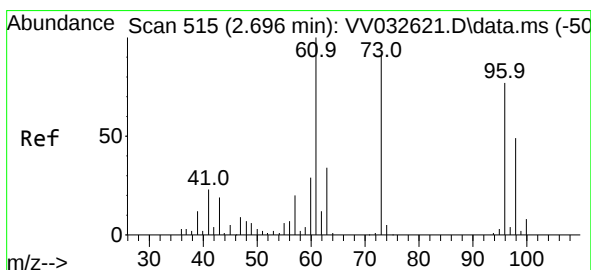
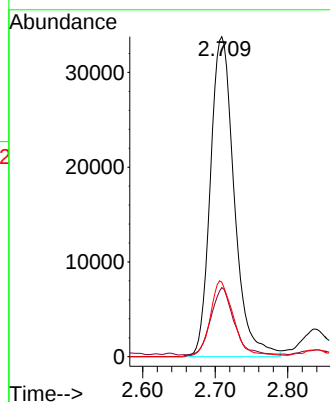
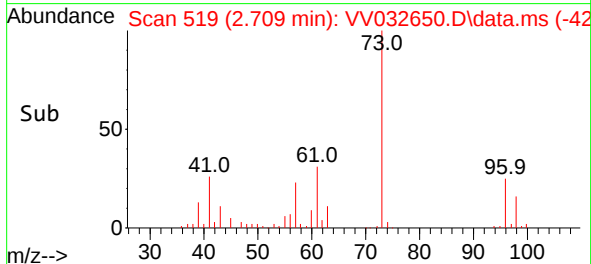


#17
Methyl tert-butyl Ether
Concen: 4.597 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Instrument :
MSVOA_V
ClientSampleId :

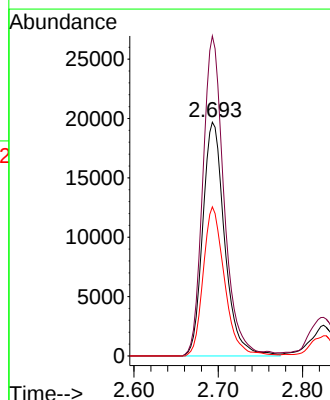
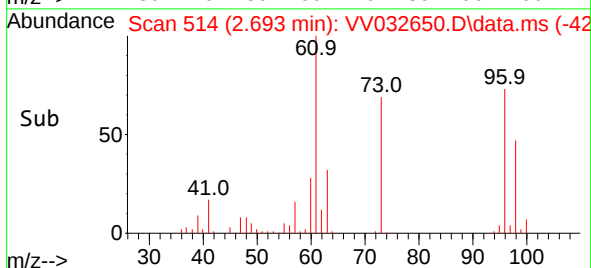
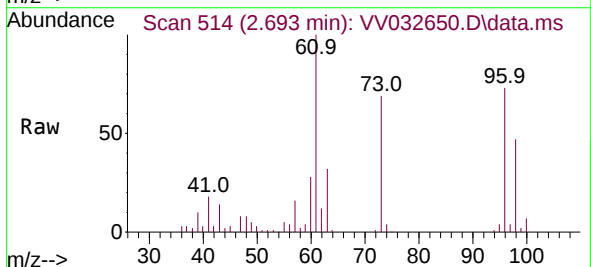


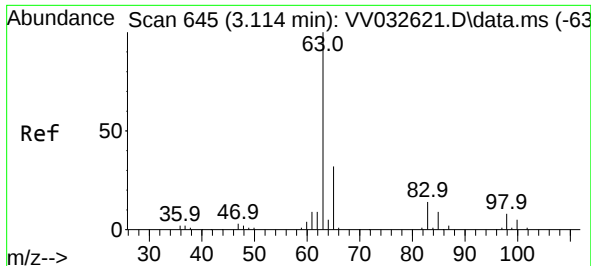
Tgt Ion: 73	Resp: 77293
Ion Ratio	Lower Upper
73	100
43	20.2 15.1 22.7
57	23.3 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.035 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion: 96	Resp: 35619
Ion Ratio	Lower Upper
96	100
61	136.9 96.9 180.1
98	63.8 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.764 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

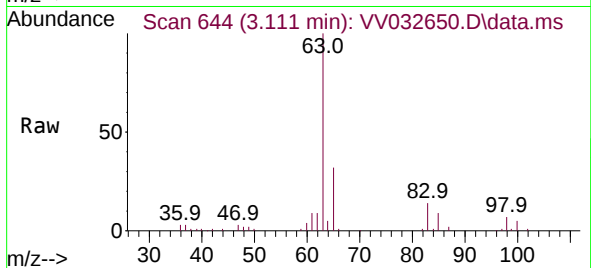
Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :



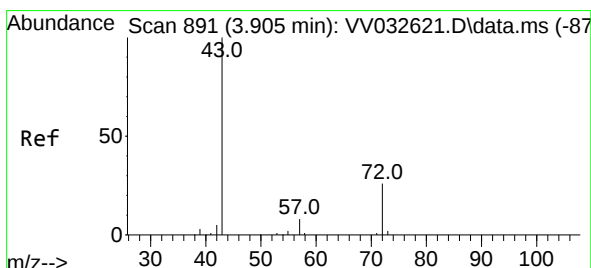
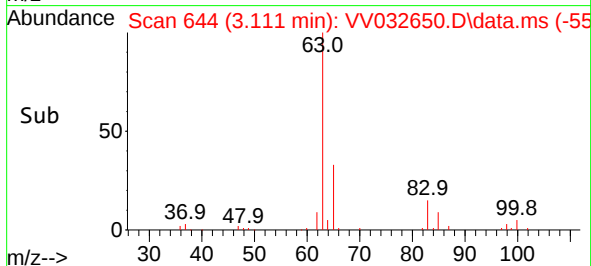
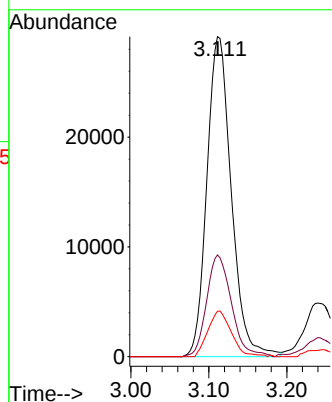
Tgt Ion: 63 Resp: 63405

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.5

83 14.2 9.0 16.6



#21

2-Butanone

Concen: 37.737 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV032650.D

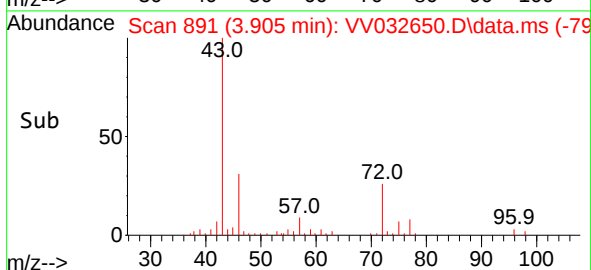
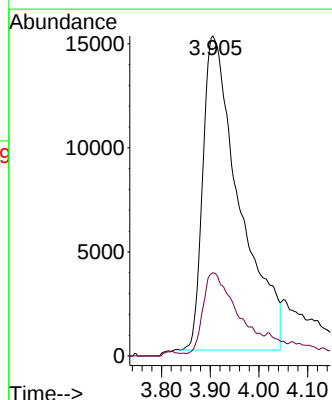
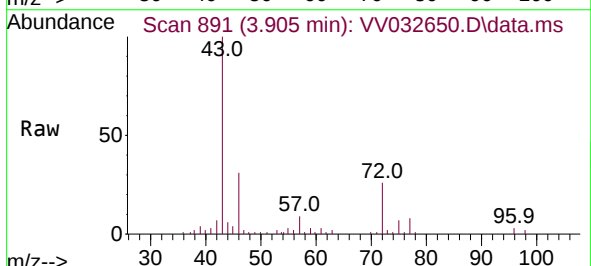
Acq: 26 Oct 2023 09:41

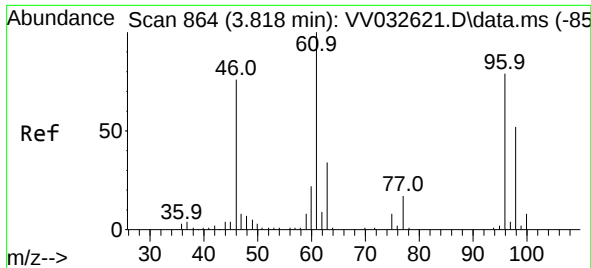
Tgt Ion: 43 Resp: 78805

Ion Ratio Lower Upper

43 100

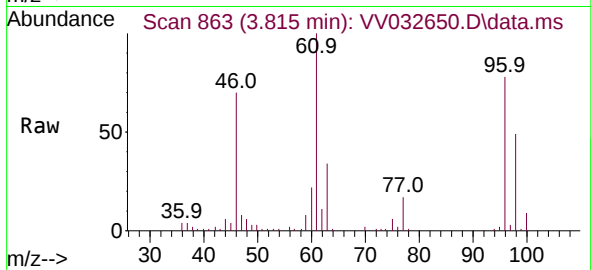
72 23.9 11.6 34.8





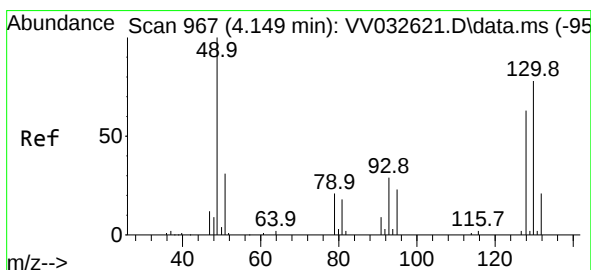
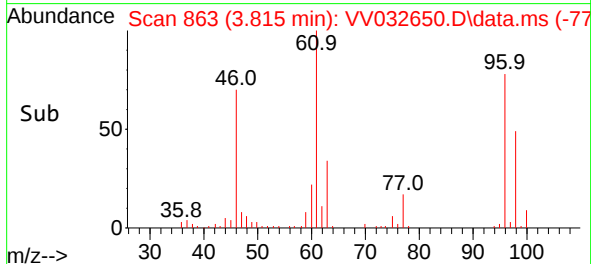
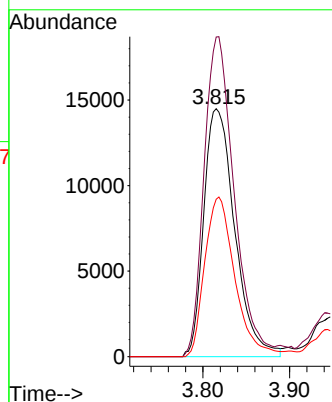
#22
 cis-1,2-Dichloroethene
 Concen: 4.736 ug/L
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 36073

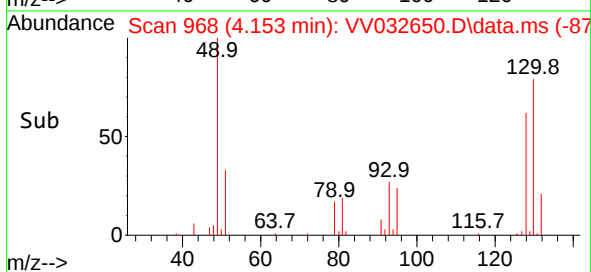
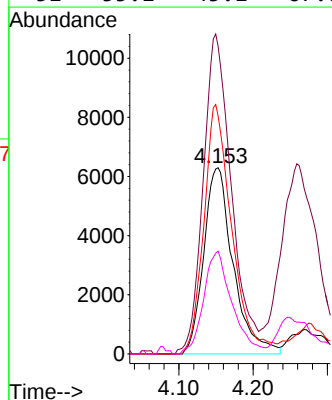
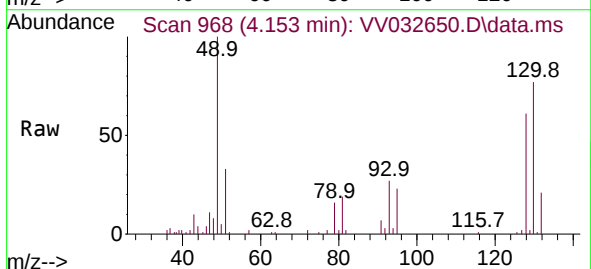
Ion	Ratio	Lower	Upper
96	100		
61	128.9	85.8	159.4
98	63.5	44.0	81.6

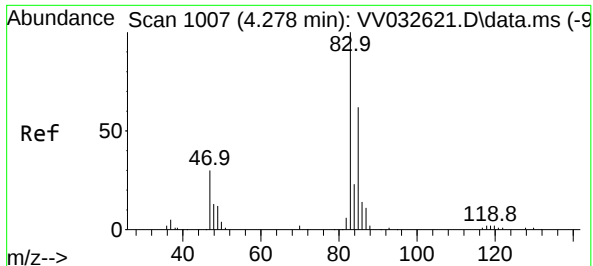


#23
 Bromochloromethane
 Concen: 5.399 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

Tgt Ion: 128 Resp: 17301

Ion	Ratio	Lower	Upper
128	100		
49	165.2	121.2	225.0
130	127.8	88.2	163.8
51	55.1	45.1	67.7





#25

Chloroform

Concen: 5.261 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

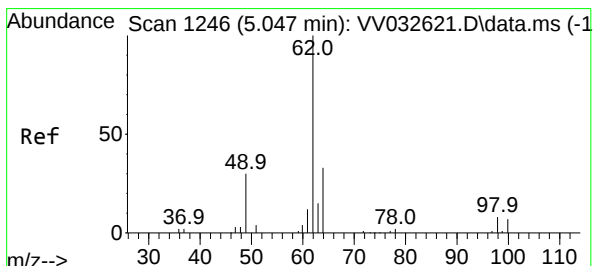
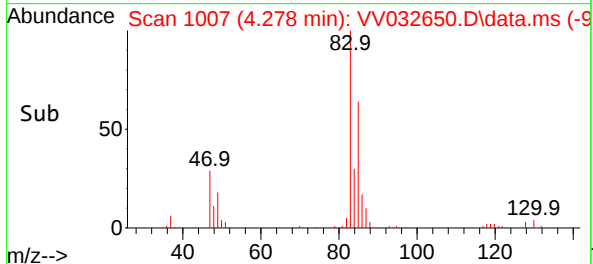
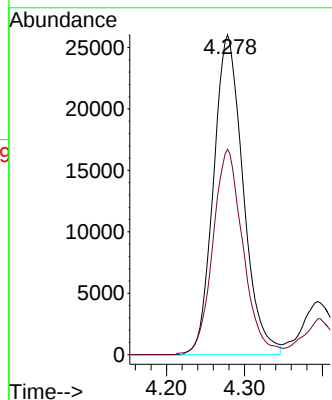
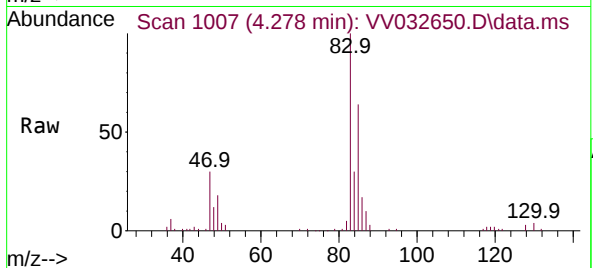
ClientSampleId :

Tgt Ion: 83 Resp: 68699

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.558 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV032650.D

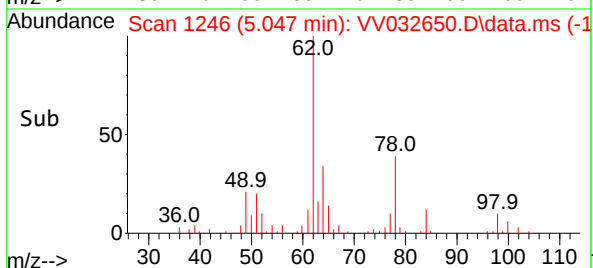
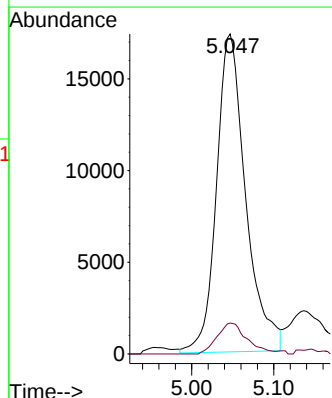
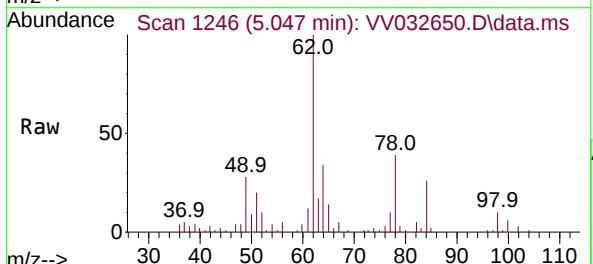
Acq: 26 Oct 2023 09:41

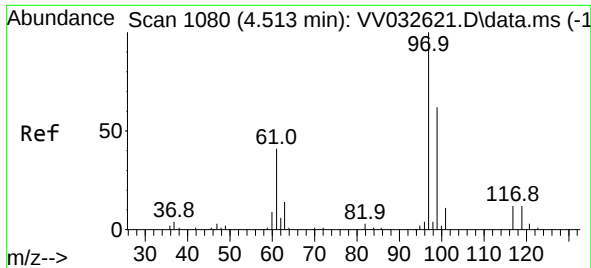
Tgt Ion: 62 Resp: 42872

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.489 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

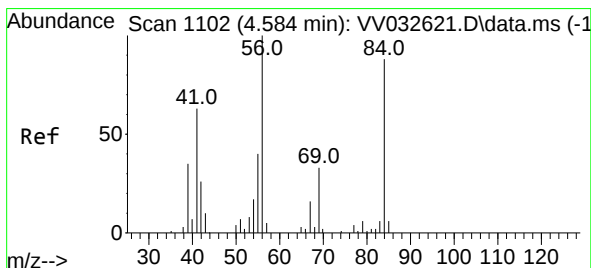
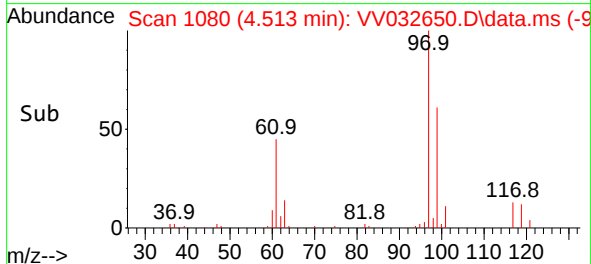
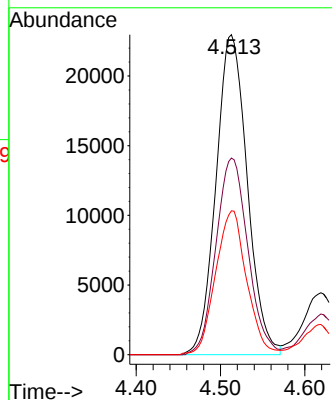
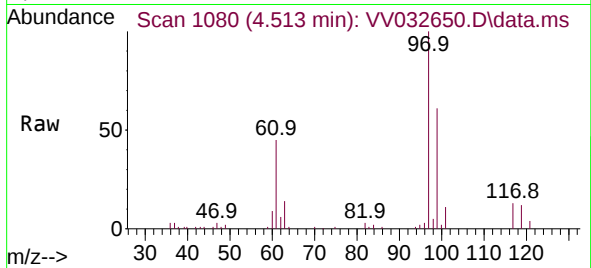
Tgt Ion: 97 Resp: 59244

Ion Ratio Lower Upper

97 100

99 62.7 50.1 75.1

61 44.6 35.1 52.7



#30

Cyclohexane

Concen: 3.522 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

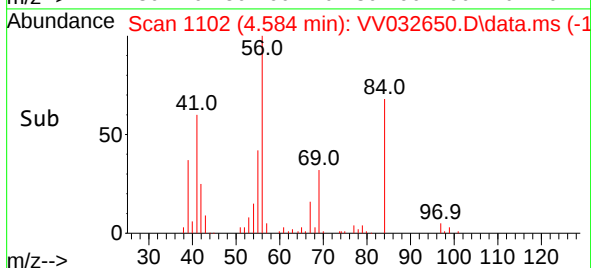
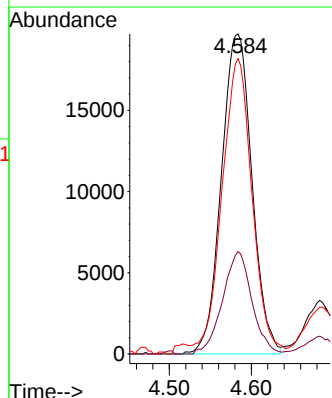
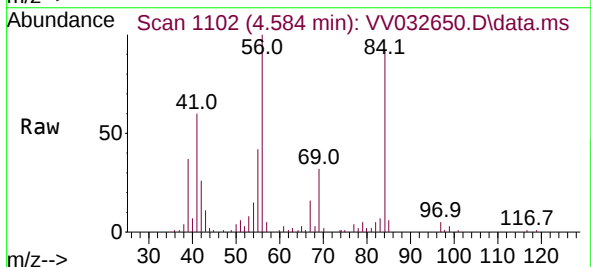
Tgt Ion: 56 Resp: 51087

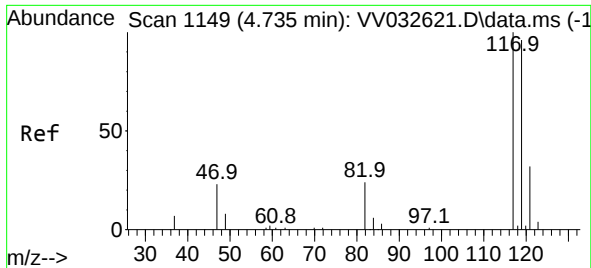
Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

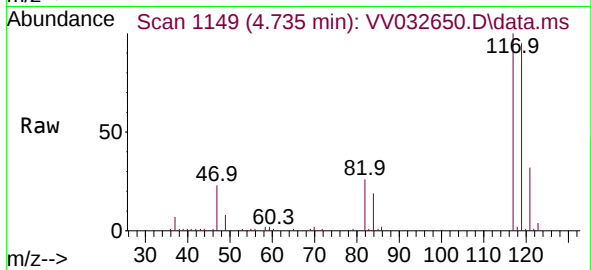
84 90.7 68.1 102.1



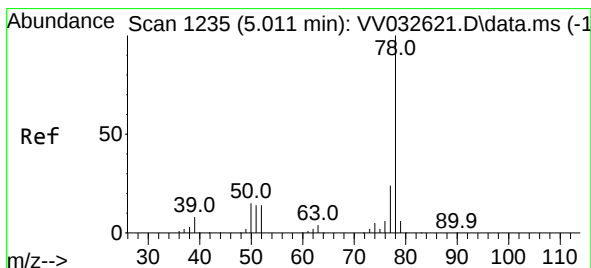
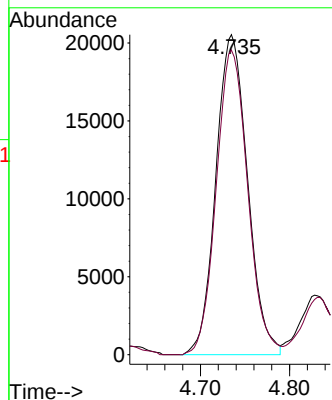
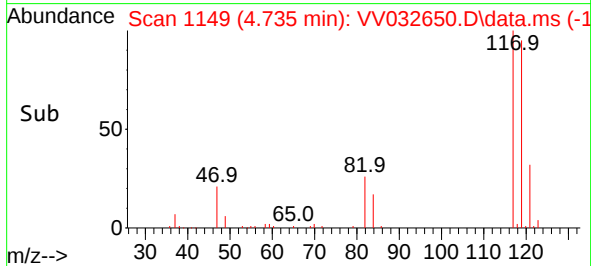


#31
Carbon tetrachloride
Concen: 4.549 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Instrument :
MSVOA_V
ClientSampleId :

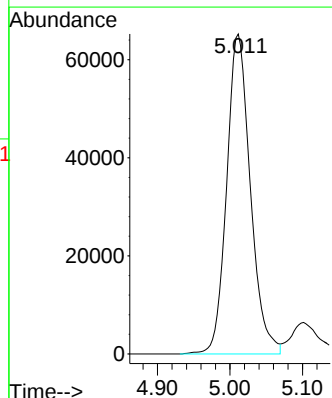
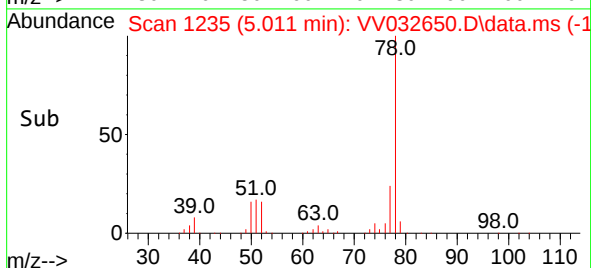
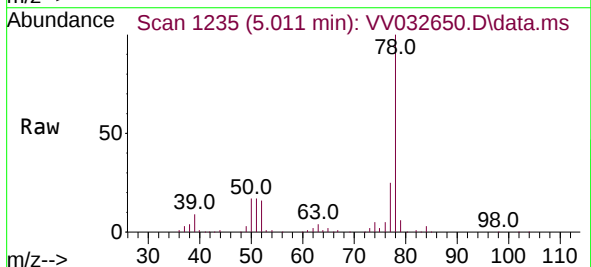


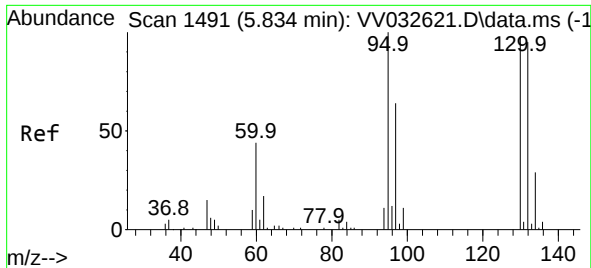
Tgt Ion:117 Resp: 50796
Ion Ratio Lower Upper
117 100
119 94.6 77.6 116.4



#33
Benzene
Concen: 4.338 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion: 78 Resp: 148262

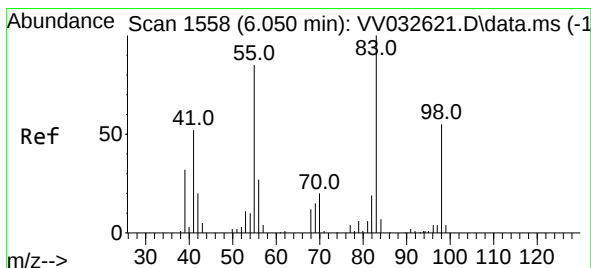
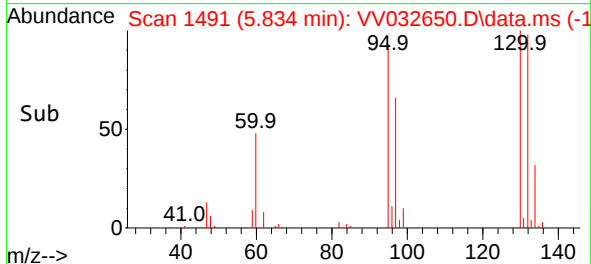
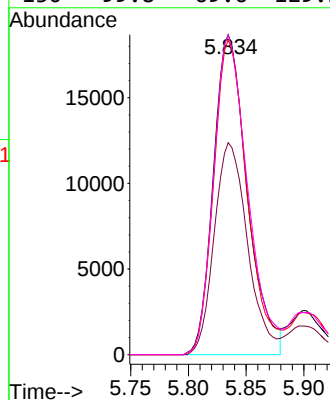
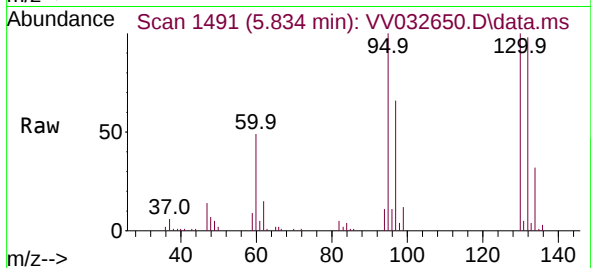




#34
Trichloroethene
Concen: 4.064 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

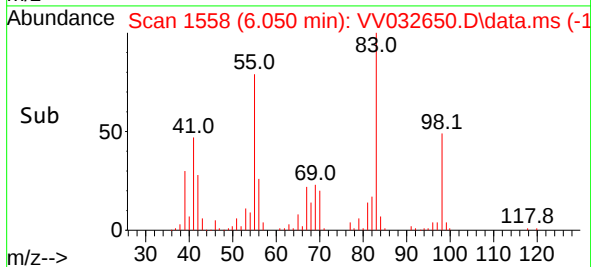
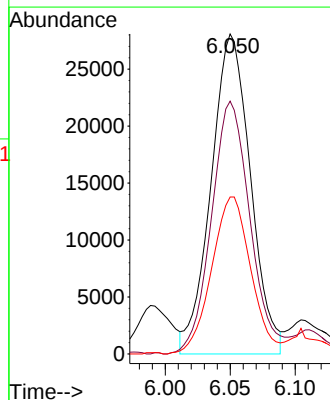
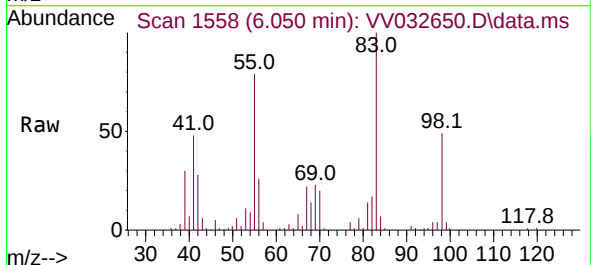
Instrument :
MSVOA_V
ClientSampleId :

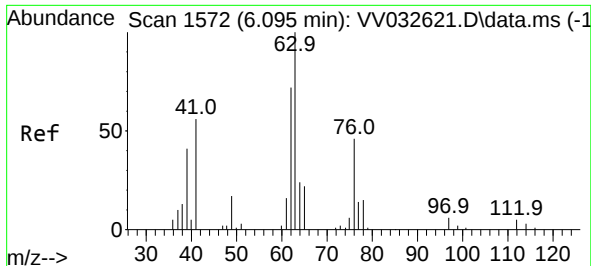
Tgt Ion: 95 Resp: 37915
Ion Ratio Lower Upper
95 100
97 66.2 45.7 84.9
132 98.2 70.3 130.5
130 99.8 69.6 129.2



#35
Methylcyclohexane
Concen: 4.103 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion: 83 Resp: 59245
Ion Ratio Lower Upper
83 100
55 77.4 64.2 96.2
98 48.7 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.167 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

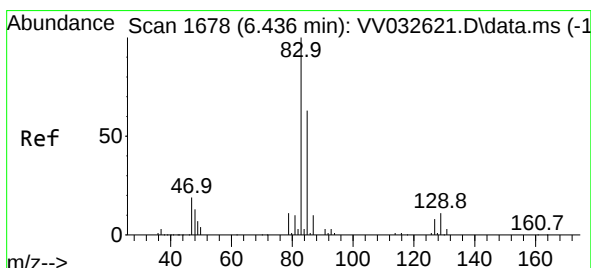
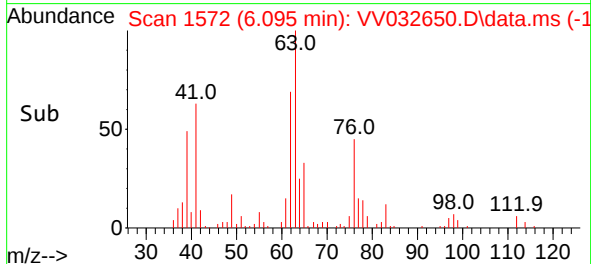
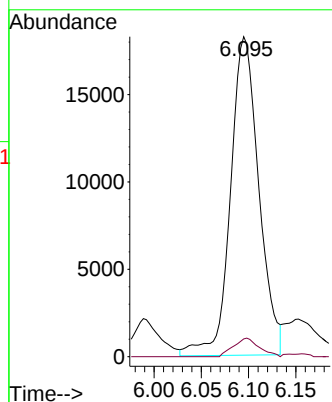
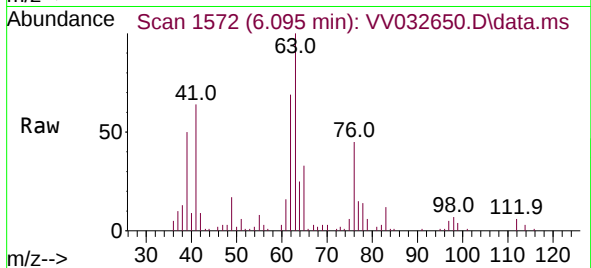
ClientSampleId :

Tgt Ion: 63 Resp: 38086

Ion Ratio Lower Upper

63 100

112 5.2 3.4 5.2#



#38

Bromodichloromethane

Concen: 4.330 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

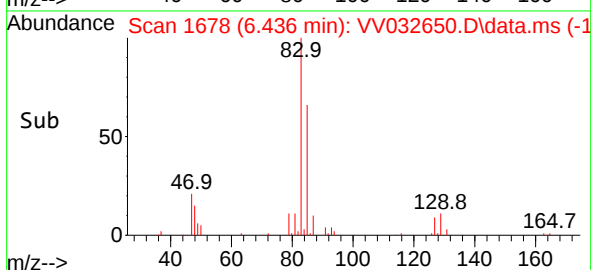
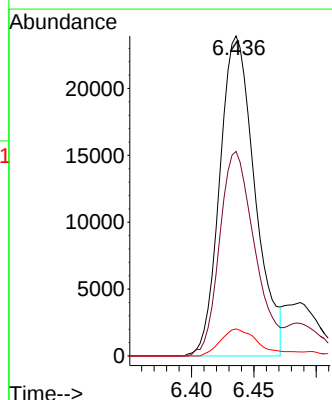
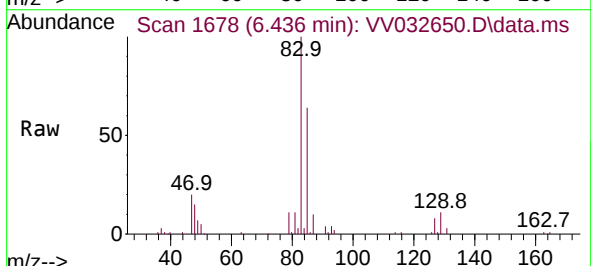
Tgt Ion: 83 Resp: 47025

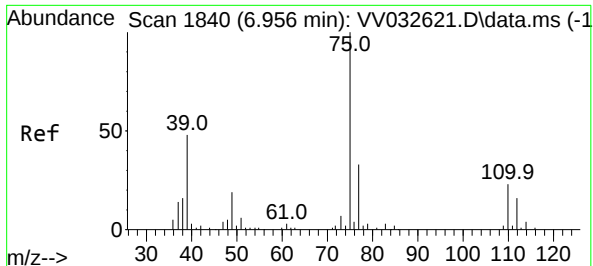
Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3

127 8.4 6.9 10.3

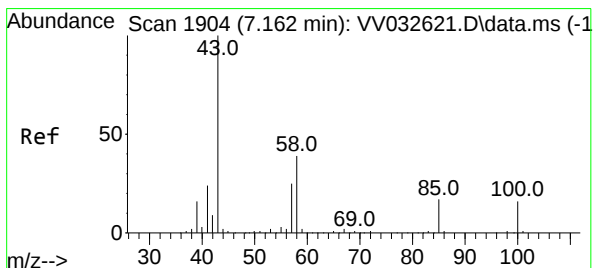
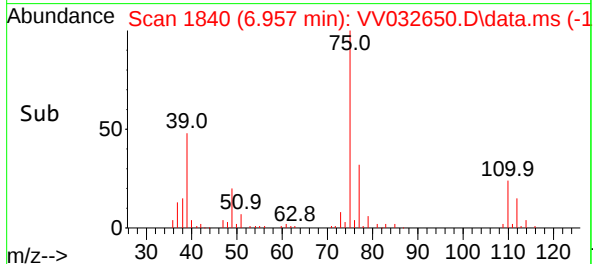
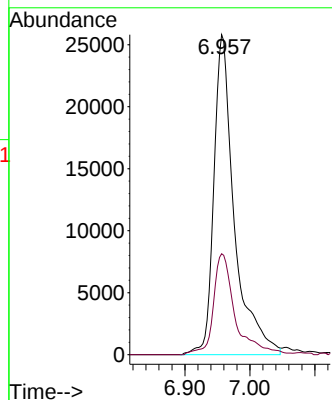
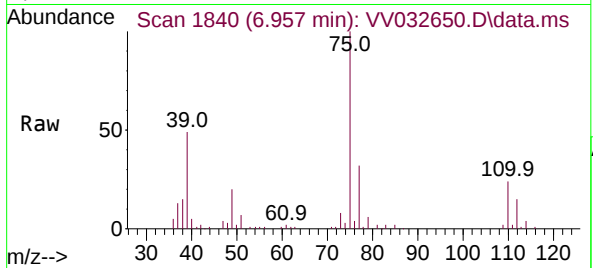




#39
 cis-1,3-Dichloropropene
 Concen: 4.347 ug/L
 RT: 6.957 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

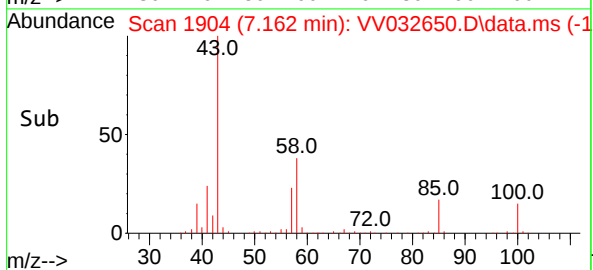
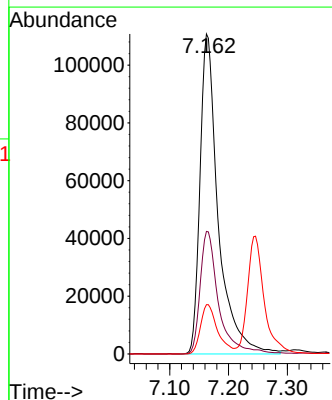
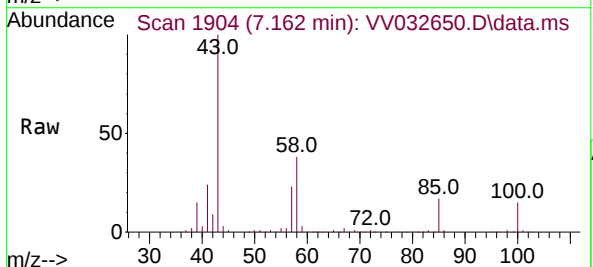
Instrument :
 MSVOA_V
 ClientSampleId :

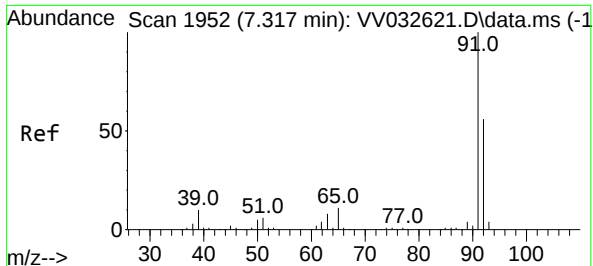
Tgt Ion: 75 Resp: 56542
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 41.247 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VV032650.D
 Acq: 26 Oct 2023 09:41

Tgt Ion: 43 Resp: 238575
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.9 47.9
 100 14.6 11.3 16.9





#42

Toluene

Concen: 4.871 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

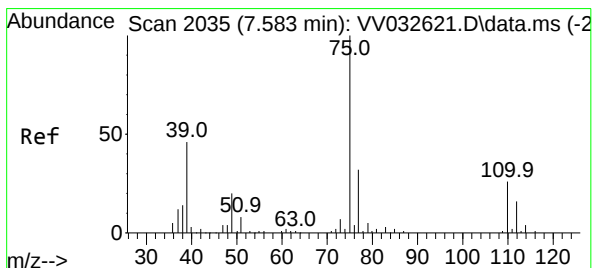
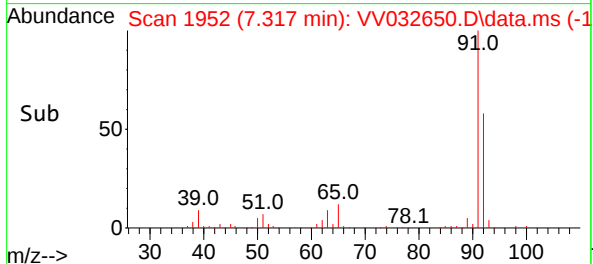
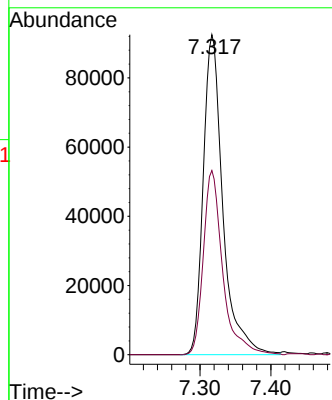
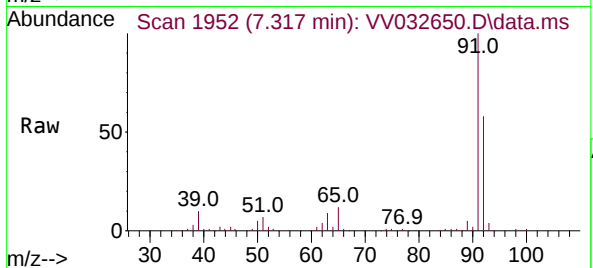
ClientSampleId :

Tgt Ion: 91 Resp: 177456

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.617 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032650.D

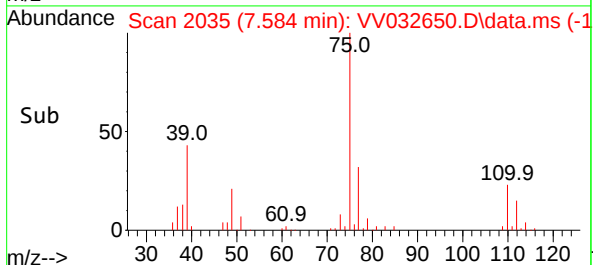
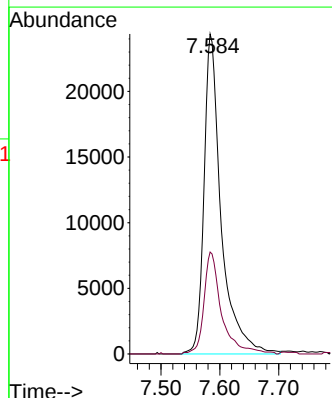
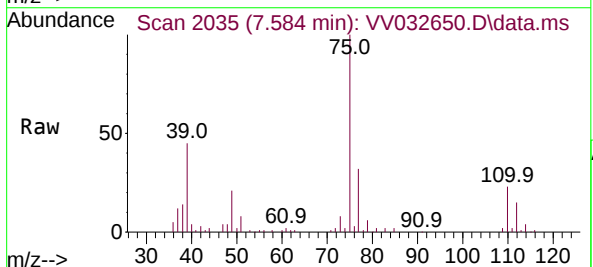
Acq: 26 Oct 2023 09:41

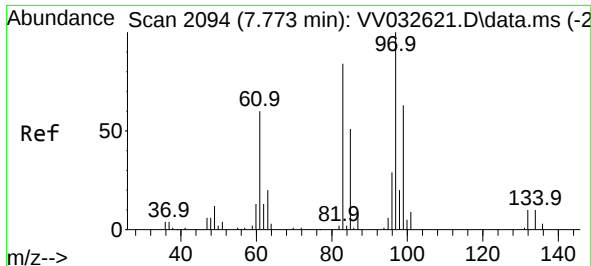
Tgt Ion: 75 Resp: 49355

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7

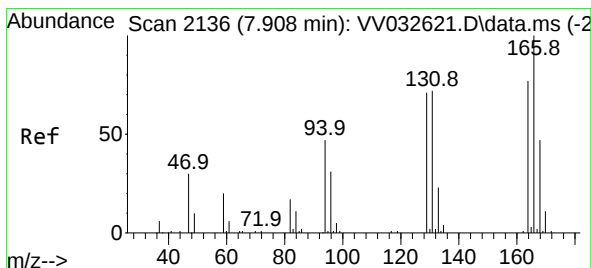
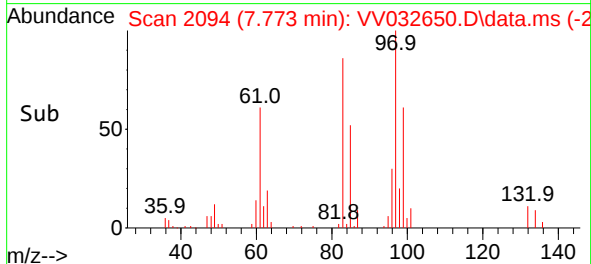
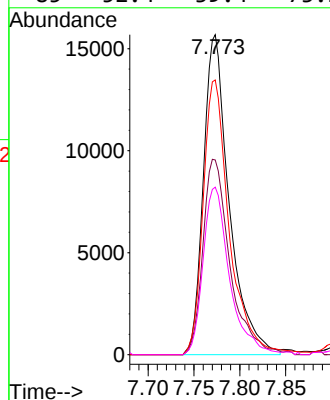
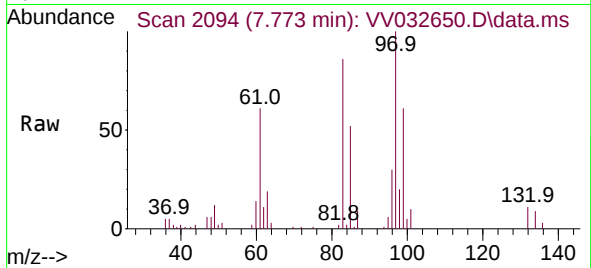




#45
1,1,2-Trichloroethane
Concen: 4.771 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

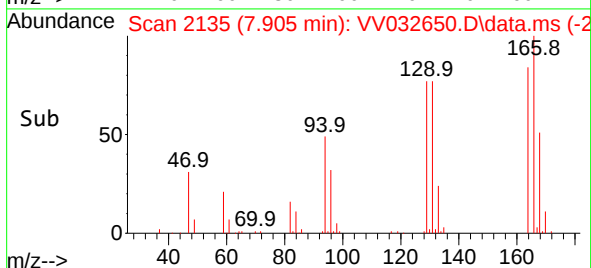
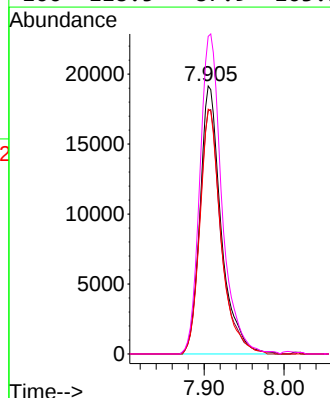
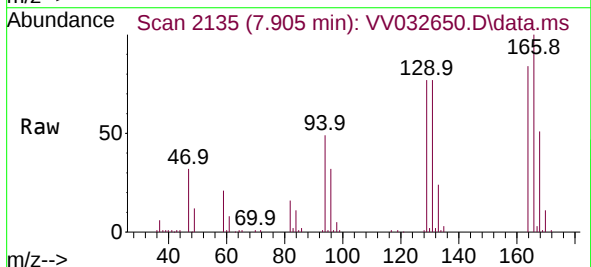
Instrument :
MSVOA_V
ClientSampleId :

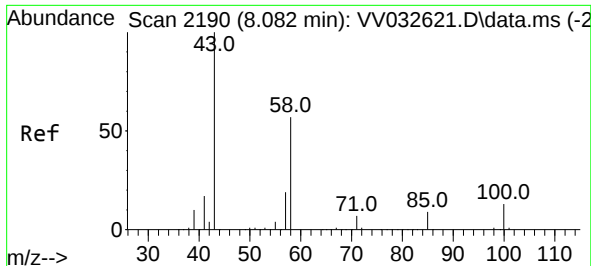
Tgt Ion: 97	Resp: 30762
Ion Ratio	Lower Upper
97 100	
99 60.8	42.8 79.4
83 85.9	60.9 113.1
85 52.4	39.4 73.2



#47
Tetrachloroethene
Concen: 5.000 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion:164	Resp: 35378
Ion Ratio	Lower Upper
164 100	
129 90.7	66.4 123.4
131 91.4	63.7 118.3
166 118.5	87.9 163.3

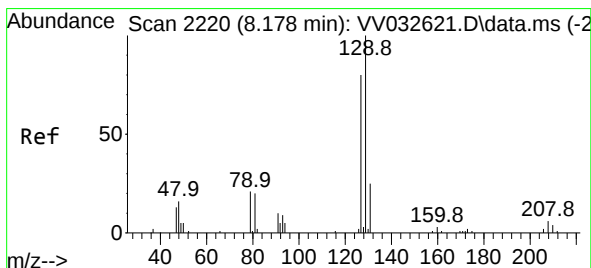
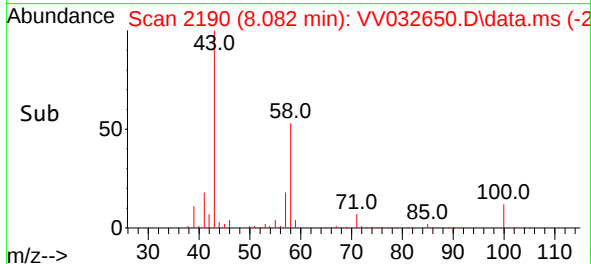
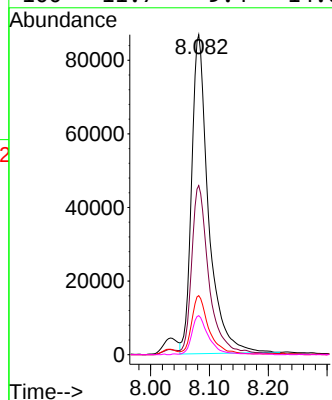
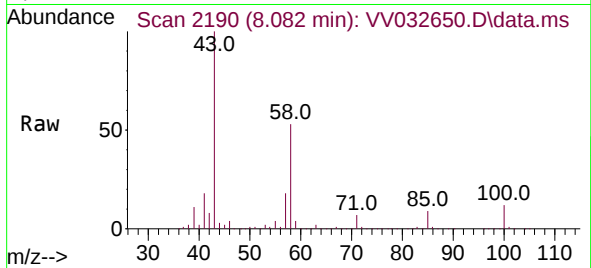




#48
2-Hexanone
Concen: 42.428 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

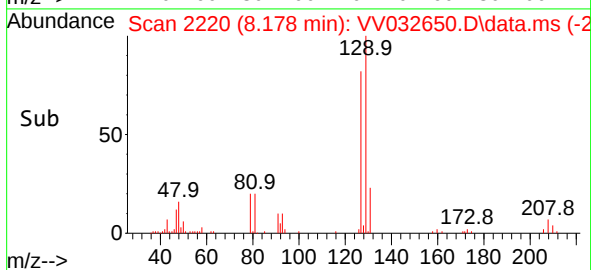
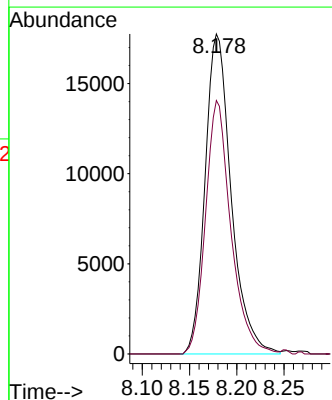
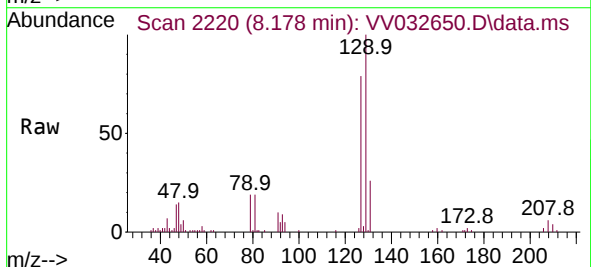
Instrument :
MSVOA_V
ClientSampleId :

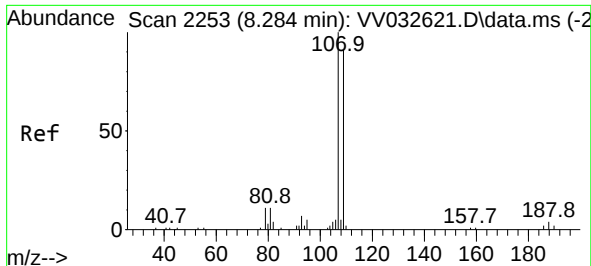
Tgt Ion: 43 Resp: 173146
Ion Ratio Lower Upper
43 100
58 50.8 43.6 65.4
57 18.5 14.6 22.0
100 11.7 9.4 14.0



#49
Dibromochloromethane
Concen: 5.084 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion: 129 Resp: 34124
Ion Ratio Lower Upper
129 100
127 79.2 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.777 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032650.D

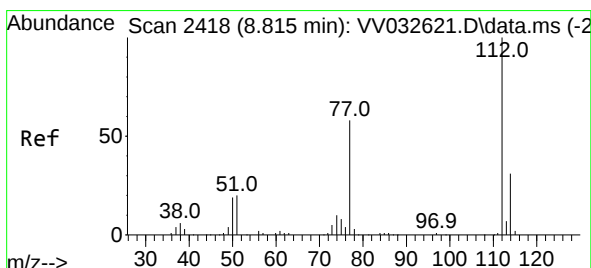
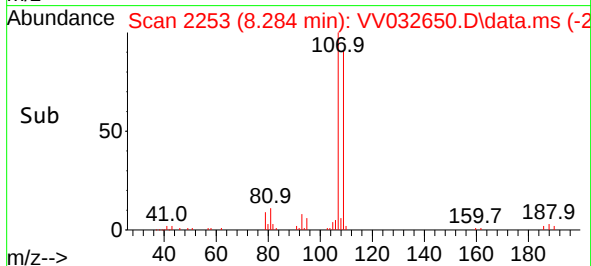
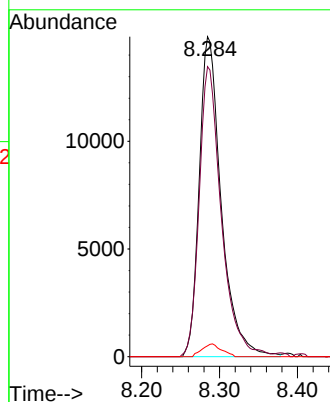
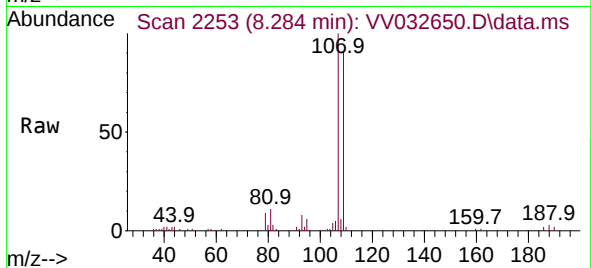
Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29131
Ion	Ratio	Lower	Upper
107	100		
109	90.6	68.4	127.0
188	3.4	3.2	4.8



#51

Chlorobenzene

Concen: 4.790 ug/L

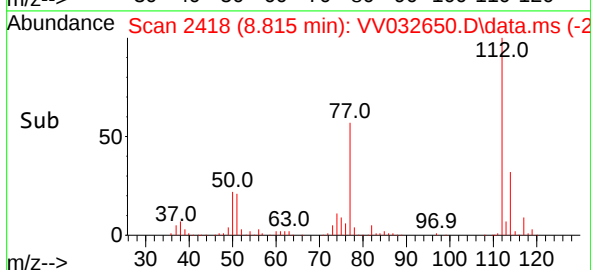
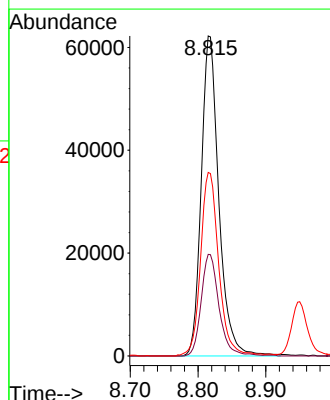
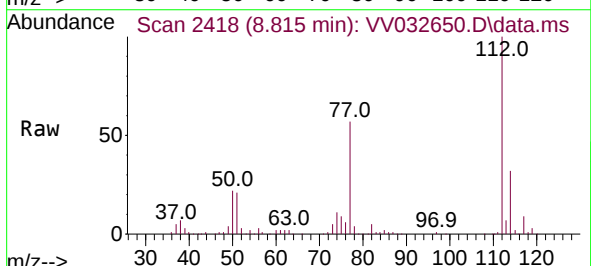
RT: 8.815 min Scan# 2418

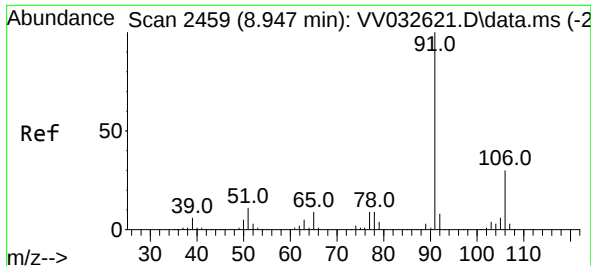
Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Tgt Ion:	112	Resp:	112357
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	57.4	46.1	69.1





#52

Ethylbenzene

Concen: 4.552 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

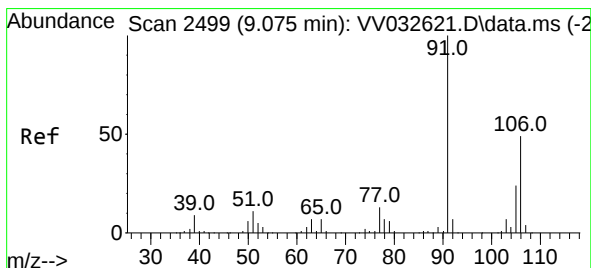
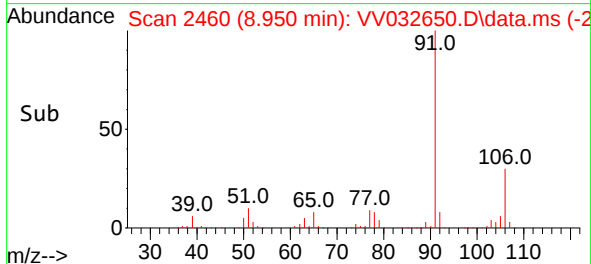
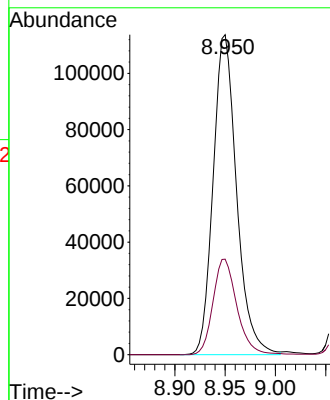
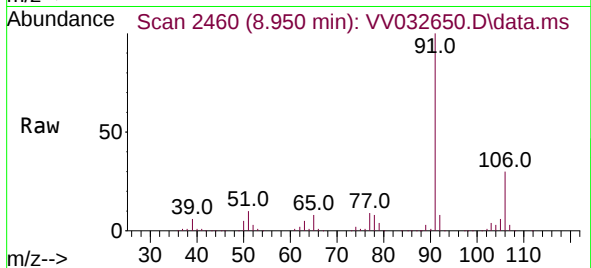
ClientSampleId :

Tgt Ion: 91 Resp: 184671

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.5



#53

m,p-Xylene

Concen: 4.732 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032650.D

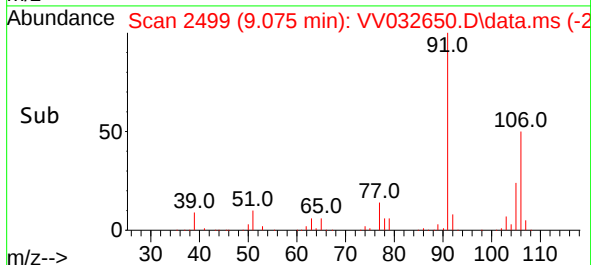
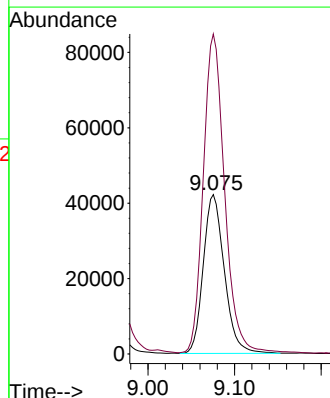
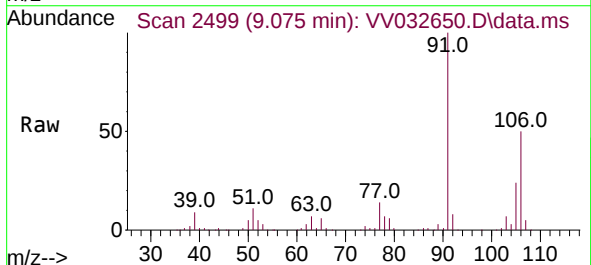
Acq: 26 Oct 2023 09:41

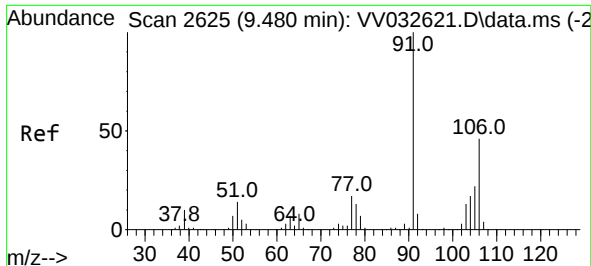
Tgt Ion:106 Resp: 71204

Ion Ratio Lower Upper

106 100

91 200.7 144.5 268.3

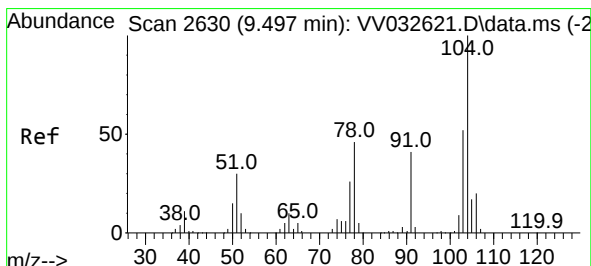
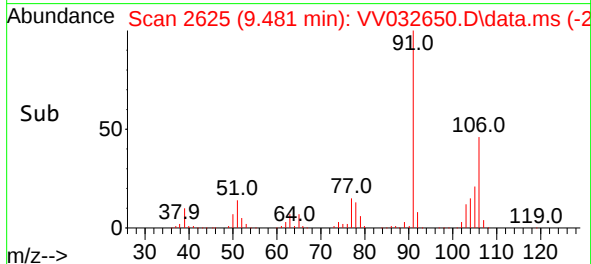
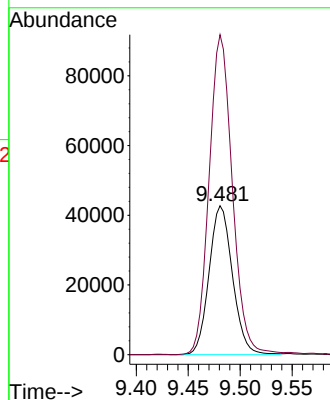
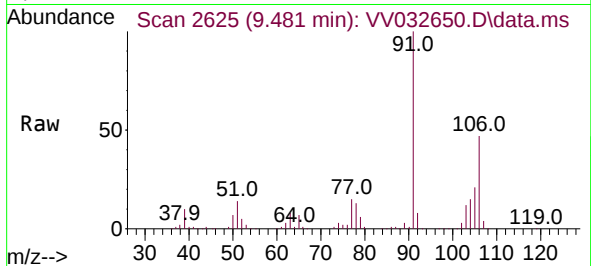




#54
o-Xylene
Concen: 4.624 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

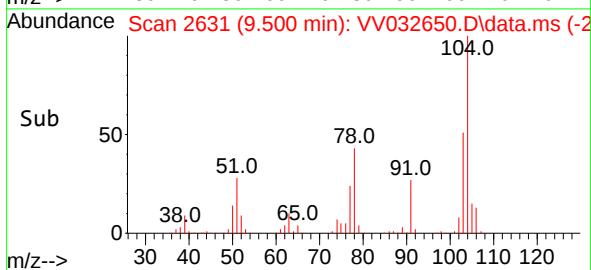
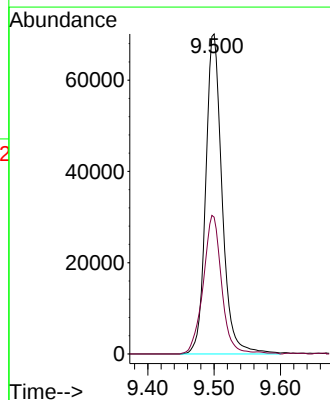
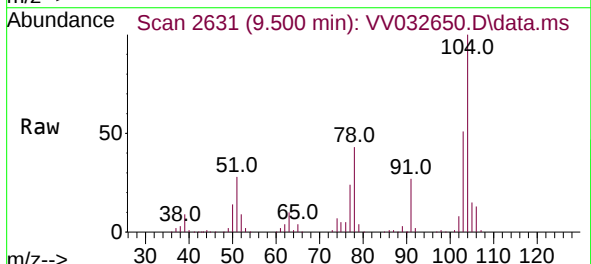
Instrument :
MSVOA_V
ClientSampleId :

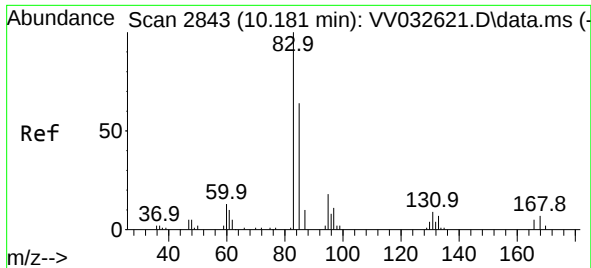
Tgt Ion:106 Resp: 67040
Ion Ratio Lower Upper
106 100
91 214.9 154.8 287.4



#55
Styrene
Concen: 4.914 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion:104 Resp: 120325
Ion Ratio Lower Upper
104 100
78 42.8 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.011 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

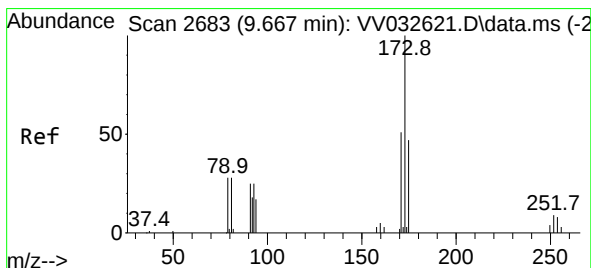
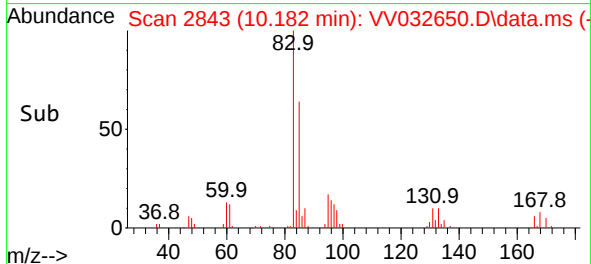
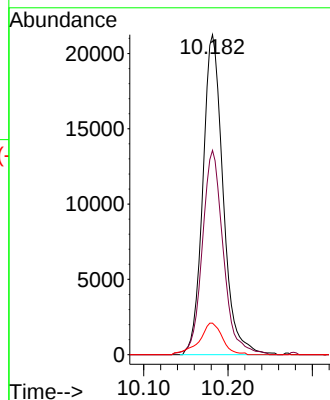
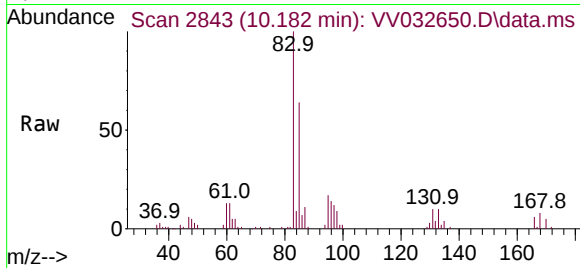
Tgt Ion: 83 Resp: 35550

Ion Ratio Lower Upper

83 100

85 63.9 43.6 81.0

131 9.8 7.0 10.6



#59

Bromoform

Concen: 4.957 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

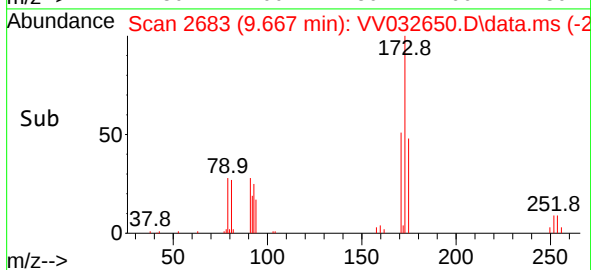
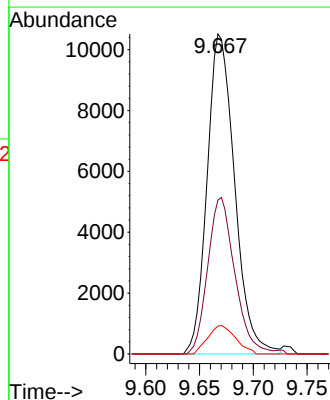
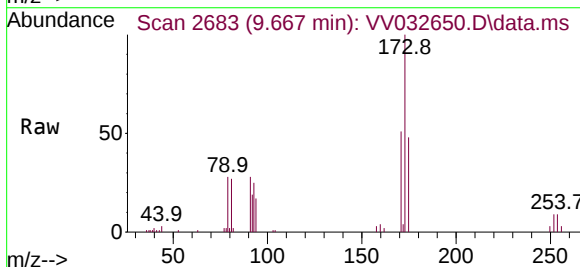
Tgt Ion: 173 Resp: 18719

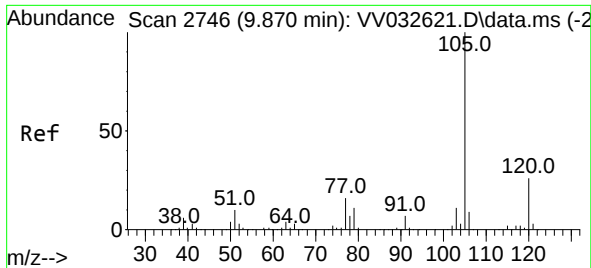
Ion Ratio Lower Upper

173 100

175 48.0 38.2 57.2

254 9.0 7.0 10.4

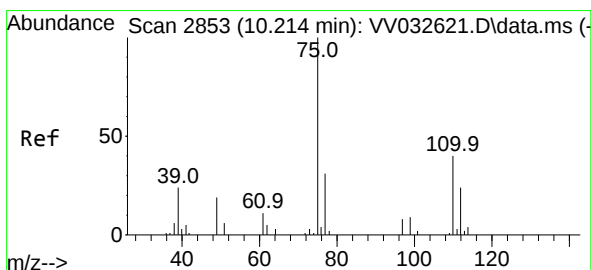
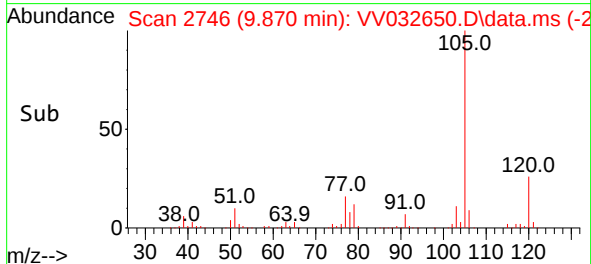
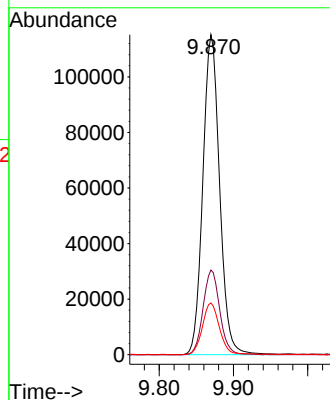
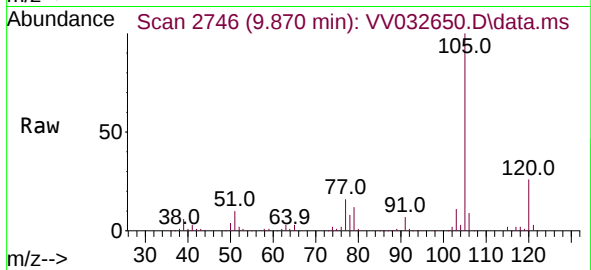




#60
Isopropylbenzene
Concen: 4.473 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

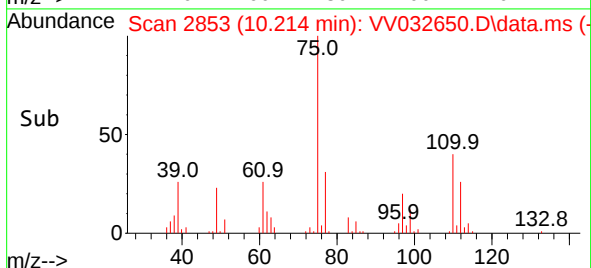
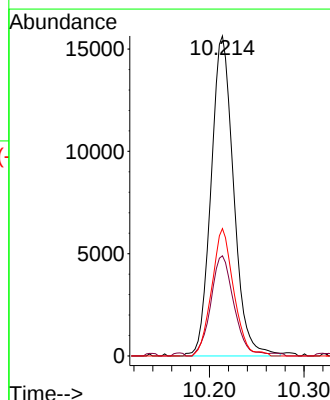
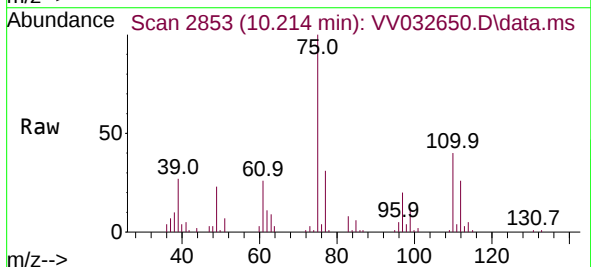
Instrument :
MSVOA_V
ClientSampleId :

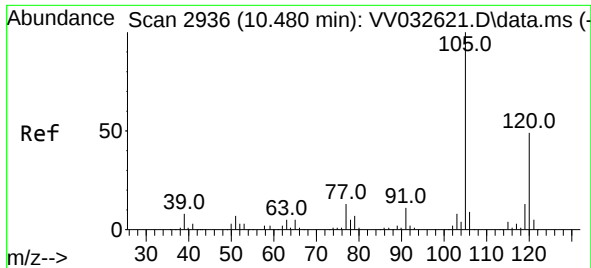
Tgt Ion:105 Resp: 180524
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.687 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion: 75 Resp: 25904
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 38.9 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.304 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

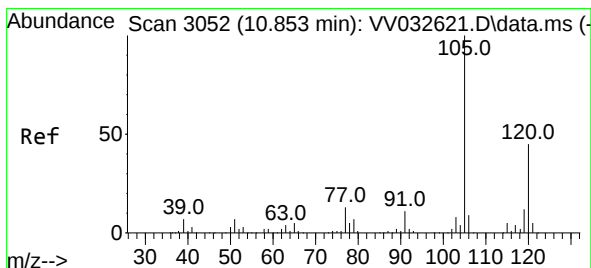
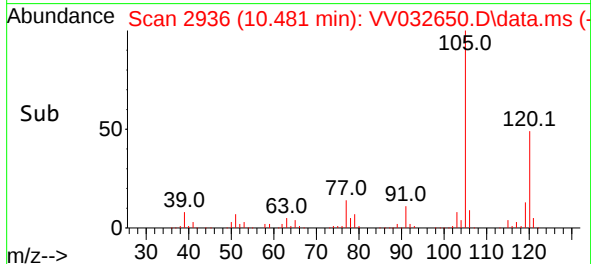
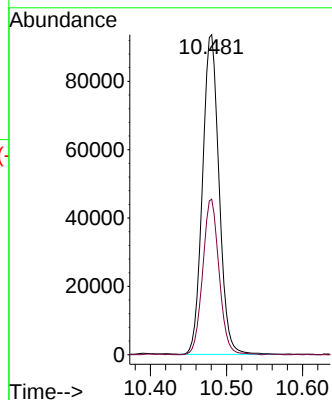
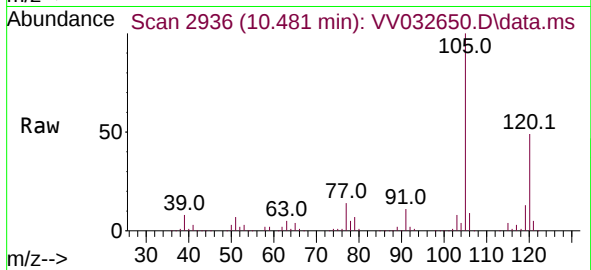
ClientSampleId :

Tgt Ion:105 Resp: 141571

Ion Ratio Lower Upper

105 100

120 48.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.400 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032650.D

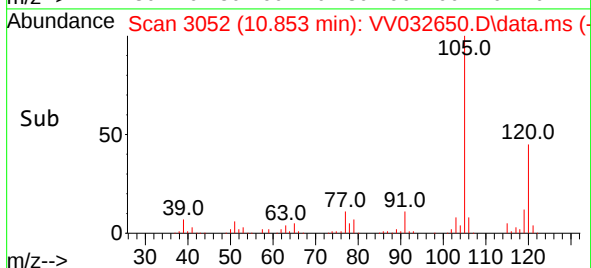
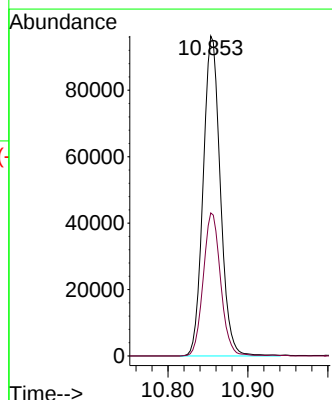
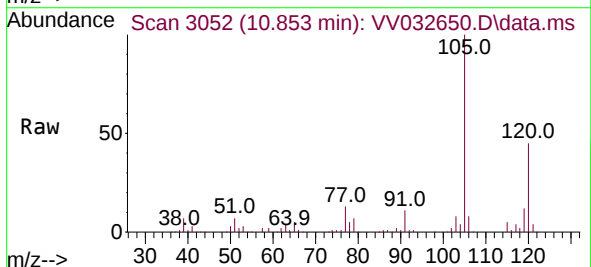
Acq: 26 Oct 2023 09:41

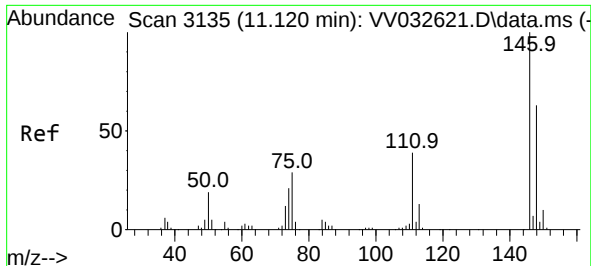
Tgt Ion:105 Resp: 144083

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.4

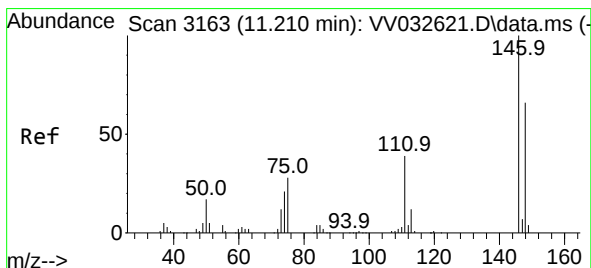
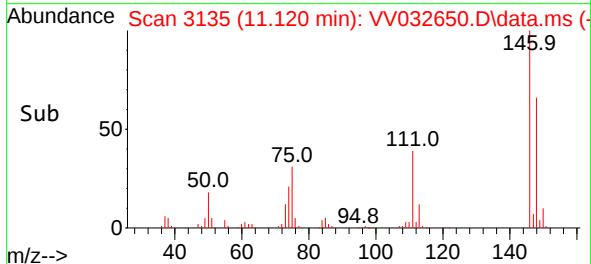
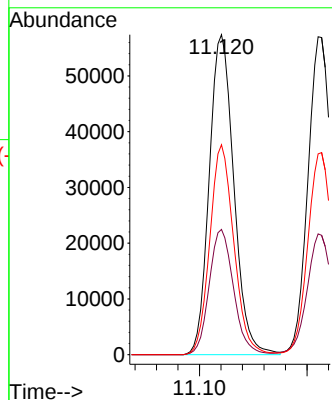
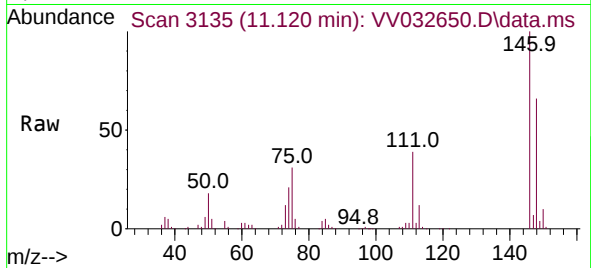




#64
1,3-Dichlorobenzene
Concen: 4.727 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

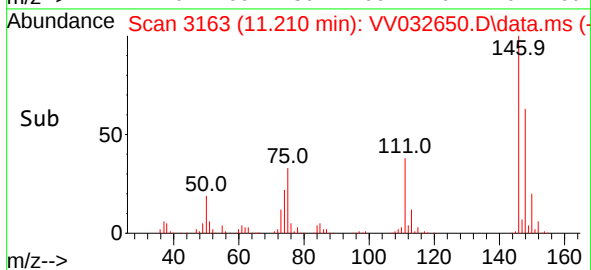
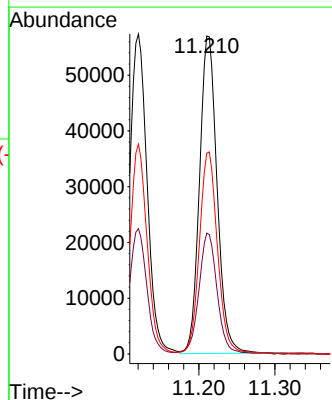
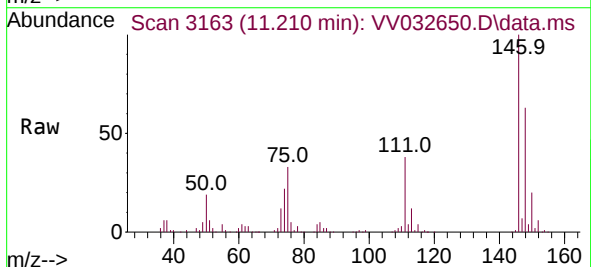
Instrument :
MSVOA_V
ClientSampleId :

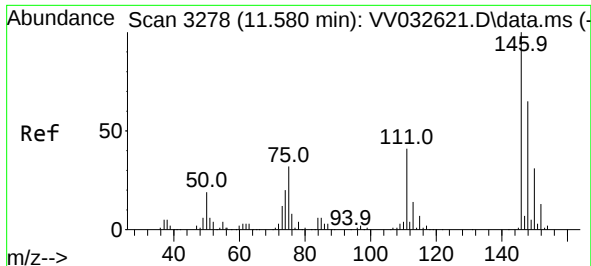
Tgt Ion:146 Resp: 91134
Ion Ratio Lower Upper
146 100
111 39.2 27.8 51.6
148 65.6 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.740 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032650.D
Acq: 26 Oct 2023 09:41

Tgt Ion:146 Resp: 91674
Ion Ratio Lower Upper
146 100
111 38.0 26.9 49.9
148 63.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.796 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

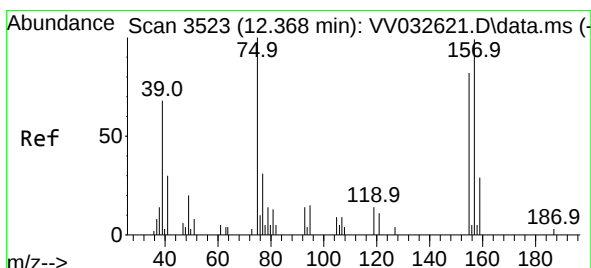
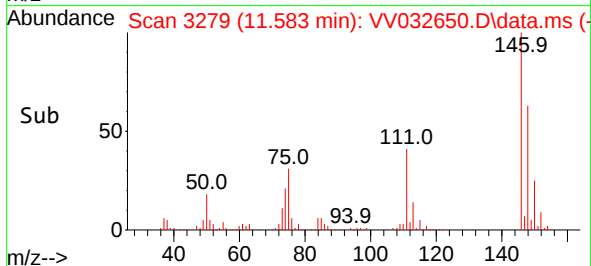
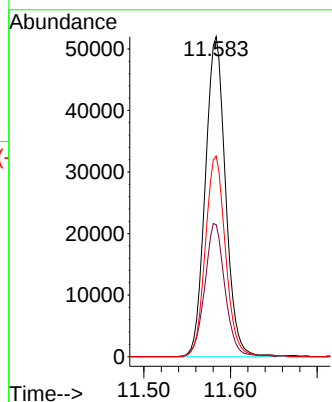
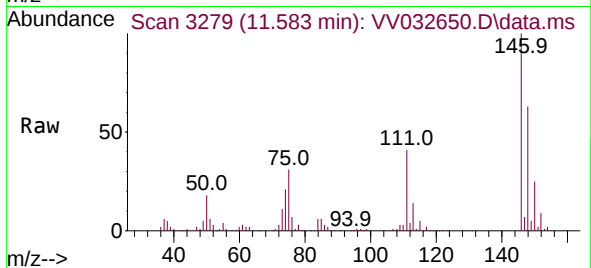
Tgt Ion:146 Resp: 84319

Ion Ratio Lower Upper

146 100

111 41.2 32.8 49.2

148 62.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.833 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

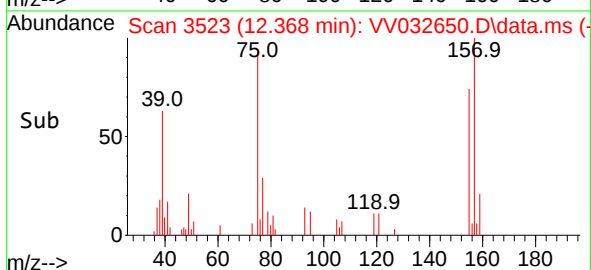
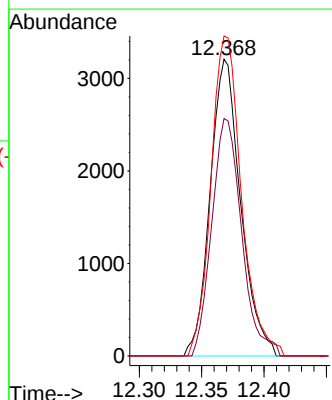
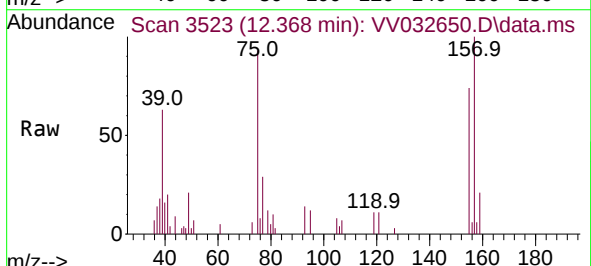
Tgt Ion: 75 Resp: 5457

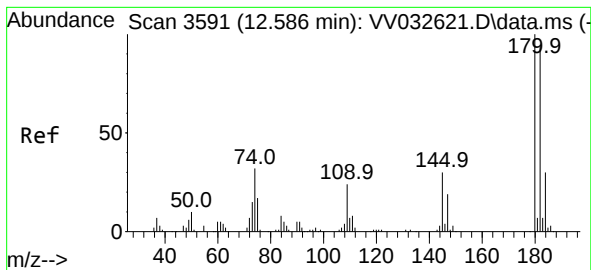
Ion Ratio Lower Upper

75 100

155 80.0 70.2 105.4

157 107.8 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.629 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

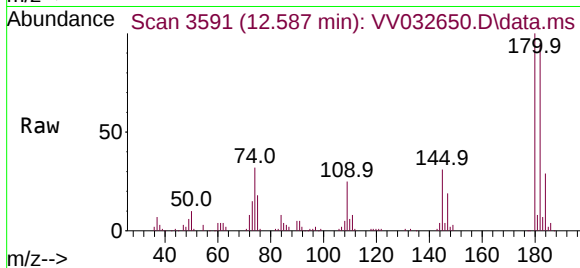
Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 65350

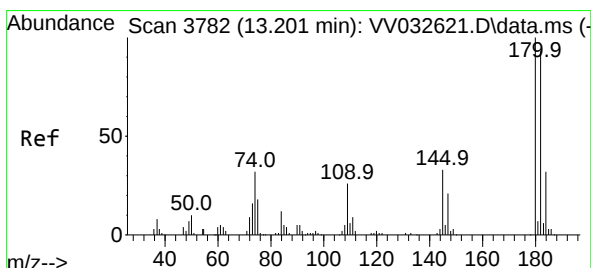
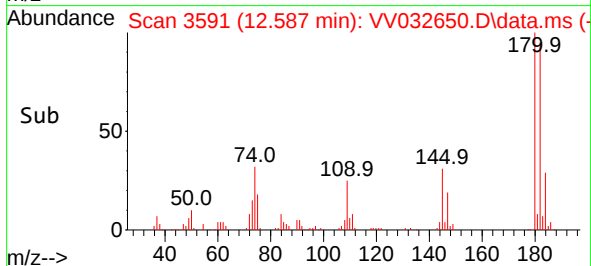
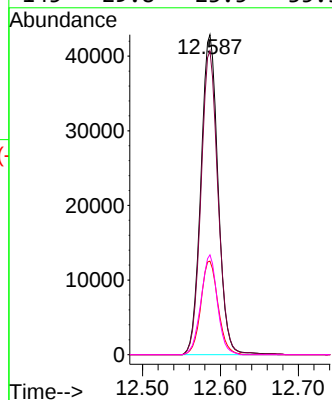
Ion Ratio Lower Upper

180 100

182 93.9 74.6 112.0

184 29.3 24.1 36.1

145 29.8 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.243 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

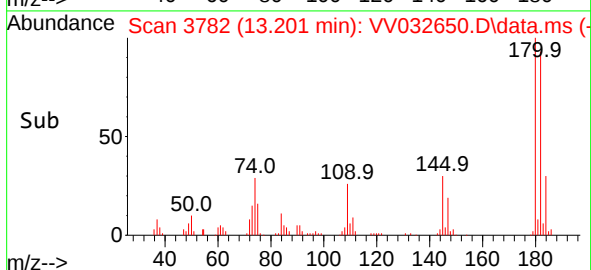
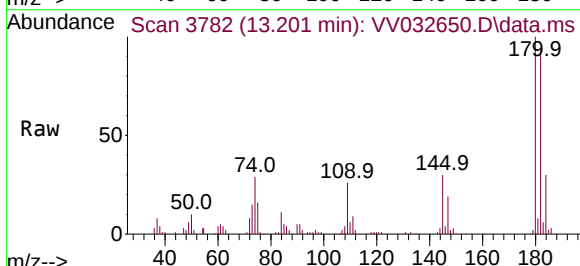
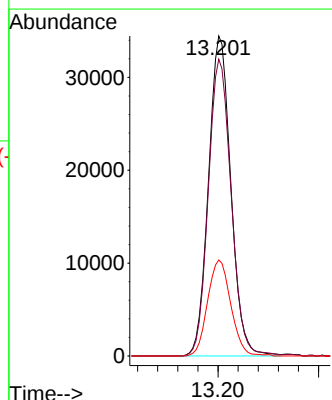
Tgt Ion:180 Resp: 53141

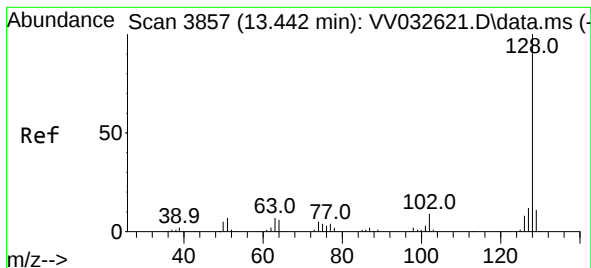
Ion Ratio Lower Upper

180 100

182 94.8 76.5 114.7

145 31.1 24.3 36.5





#71

Naphthalene

Concen: 3.890 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Instrument :

MSVOA_V

ClientSampleId :

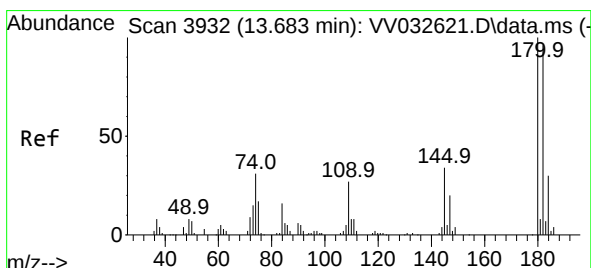
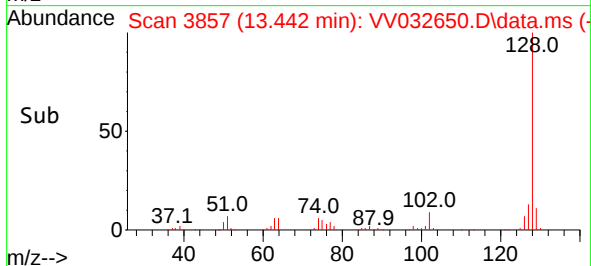
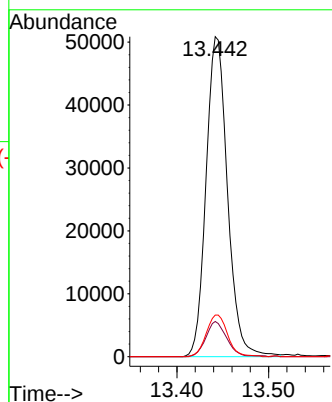
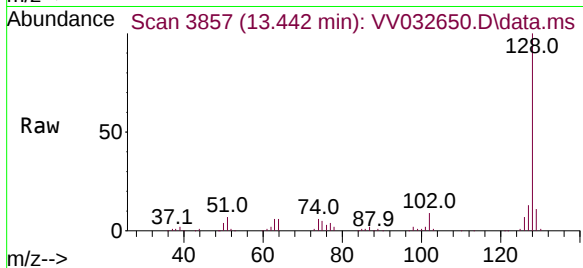
Tgt Ion:128 Resp: 82760

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

127 13.0 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.498 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032650.D

Acq: 26 Oct 2023 09:41

Tgt Ion:180 Resp: 48536

Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.4

145 32.6 25.7 38.5

