

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032943.D
 Acq On : 13 Nov 2023 20:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 14 00:21:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 23:16:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	405883	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	413614	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	235114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	171091	49.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.680%
7) Chloroethane-d5	1.532	69	143960	50.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.220%
11) 1,1-Dichloroethene-d2	2.060	65	76972	51.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.920%
21) 2-Butanone-d5	3.783	46	136202	92.562	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.560%
24) Chloroform-d	4.249	84	307603	51.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.740%
26) 1,2-Dichloroethane-d4	4.940	65	186096	51.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
32) Benzene-d6	4.960	84	594820	52.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.460%
36) 1,2-Dichloropropane-d6	5.989	67	170430	51.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.960%
41) Toluene-d8	7.243	98	563647	54.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.380%
43) trans-1,3-Dichloroprop...	7.551	79	91354	52.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.960%
47) 2-Hexanone-d5	8.024	63	119884	99.796	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	247304	51.485	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	236264	51.716	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	178472	50.851	ug/L	98
3) Chloromethane	1.217	50	174438	50.301	ug/L	99
5) Vinyl chloride	1.285	62	172763	49.511	ug/L	100
6) Bromomethane	1.484	94	116877	50.529	ug/L	98
8) Chloroethane	1.548	64	108724	49.340	ug/L	98
9) Trichlorofluoromethane	1.716	101	282756	51.036	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	160732	50.080	ug/L	99
12) 1,1-Dichloroethene	2.069	96	146623	51.072	ug/L	92
13) Acetone	2.108	43	138300	70.403	ug/L	97
14) Carbon disulfide	2.243	76	405794	49.635	ug/L	100
15) Methyl Acetate	2.368	43	118234	51.192	ug/L	98
16) Methylene chloride	2.445	84	155518	50.775	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	143307	50.423	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	430151	51.572	ug/L	99
19) 1,1-Dichloroethane	3.111	63	256381	50.494	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	159487	52.108	ug/L	97
22) 2-Butanone	3.863	43	153132	83.691	ug/L	97
23) Bromochloromethane	4.146	128	86928	50.565	ug/L	99
25) Chloroform	4.275	83	288095	51.420	ug/L	99

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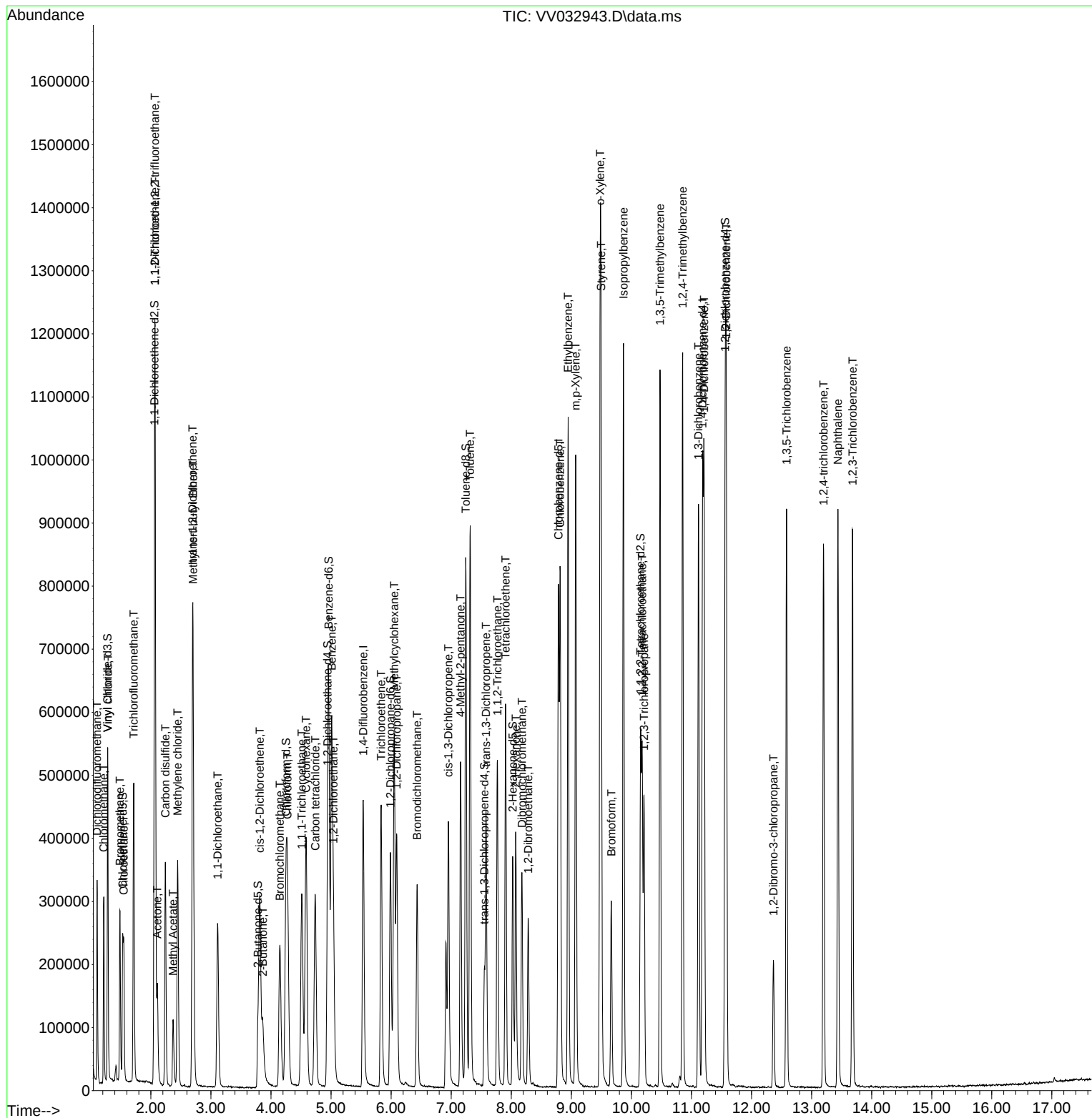
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	210935	49.910	ug/L	99
29) Cyclohexane	4.584	56	208820	52.535	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	257225	50.746	ug/L	100
31) Carbon tetrachloride	4.738	117	232173	51.220	ug/L	100
33) Benzene	5.011	78	588722	52.407	ug/L	100
34) Trichloroethene	5.834	95	155526	50.941	ug/L	98
35) Methylcyclohexane	6.053	83	237043	51.519	ug/L	99
37) 1,2-Dichloropropane	6.092	63	143984	51.323	ug/L	99
38) Bromodichloromethane	6.432	83	212963	50.887	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	234446	50.248	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	313867	104.911	ug/L	100
42) Toluene	7.317	91	650717	53.083	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	240141	52.987	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	158069	50.774	ug/L	98
46) Tetrachloroethene	7.905	164	132174	50.327	ug/L	98
48) 2-Hexanone	8.075	43	242781	93.144	ug/L	99
49) Dibromochloromethane	8.178	129	169854	50.645	ug/L	99
50) 1,2-Dibromoethane	8.281	107	169626	51.190	ug/L	100
51) Chlorobenzene	8.815	112	432316	50.910	ug/L	98
52) Ethylbenzene	8.947	91	726407	53.508	ug/L	99
53) m,p-Xylene	9.072	106	278675	53.387	ug/L	99
54) o-Xylene	9.480	106	269594	53.563	ug/L	98
55) Styrene	9.497	104	485527	54.690	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	237700	49.630	ug/L	98
59) Bromoform	9.667	173	126959	50.759	ug/L	99
60) Isopropylbenzene	9.870	105	734475	52.771	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	175017	50.854	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	570228	54.008	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	601731	54.507	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	367956	50.689	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	382671	49.153	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	366953	50.269	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	45976	47.801	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	267265	49.073	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	249054	50.908	ug/L	99
71) Naphthalene	13.439	128	704952	54.833	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	260638	52.936	ug/L	98

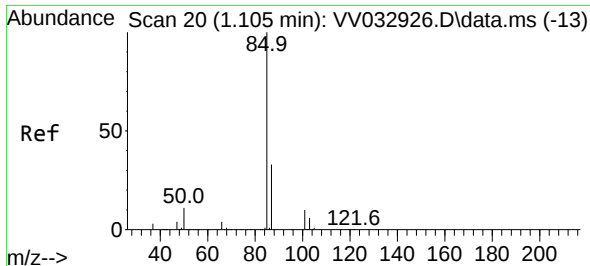
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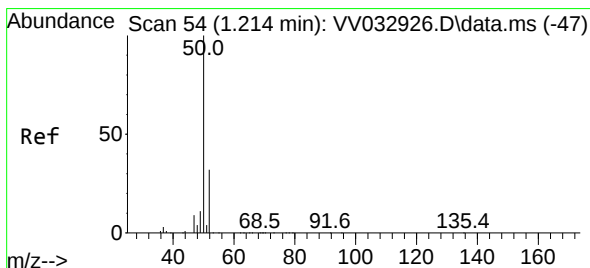
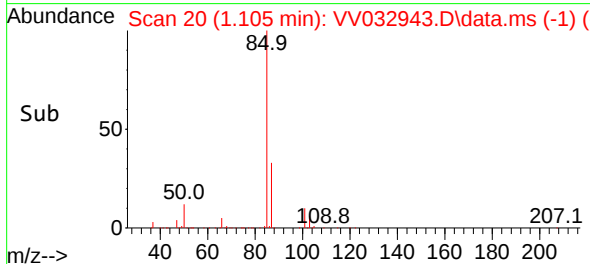
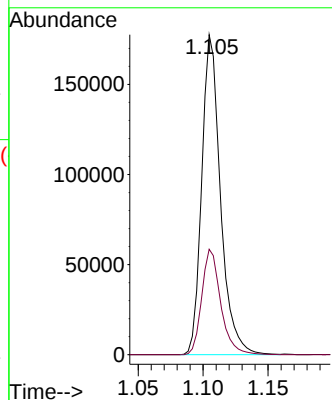
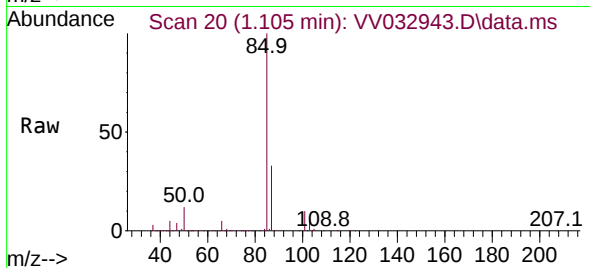




#2
 Dichlorodifluoromethane
 Concen: 50.851 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032943.D
 Acq: 13 Nov 2023 20:07

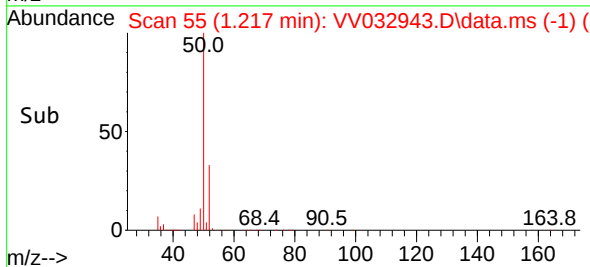
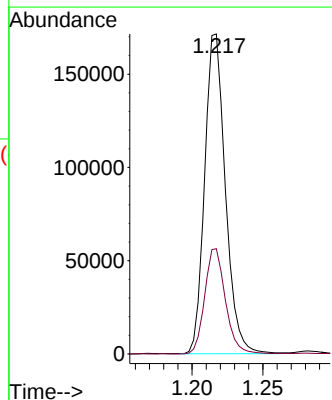
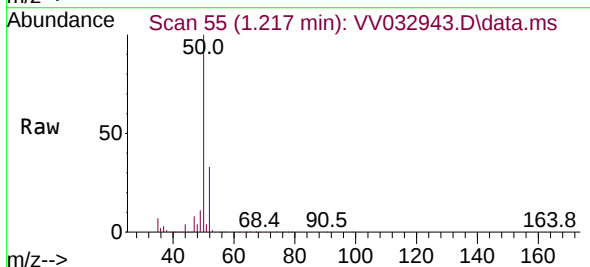
Instrument :
 MSVOA_V
 ClientSampleId :

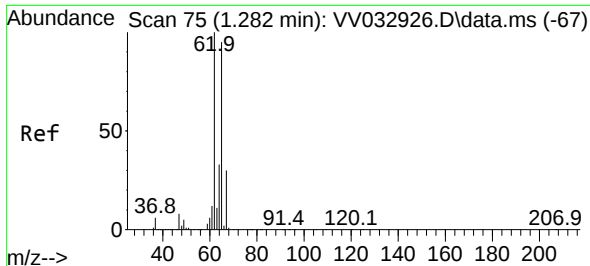
Tgt Ion: 85 Resp: 178472
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.8 38.8



#3
 Chloromethane
 Concen: 50.301 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032943.D
 Acq: 13 Nov 2023 20:07

Tgt Ion: 50 Resp: 174438
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.6 43.8

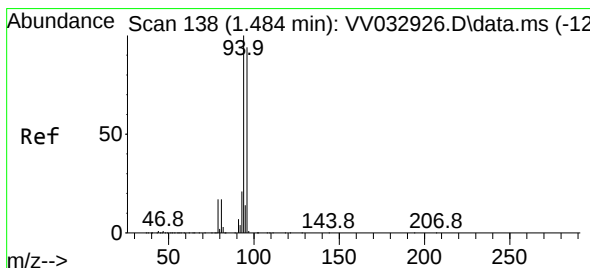
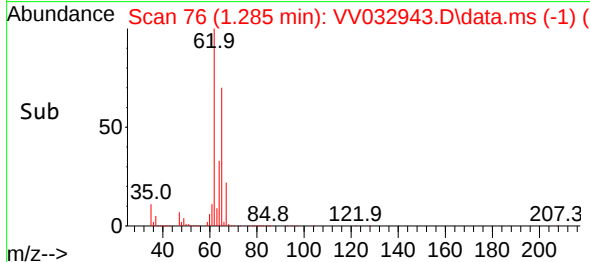
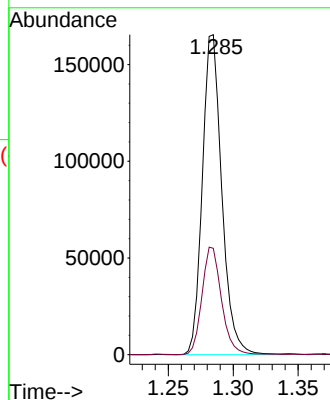
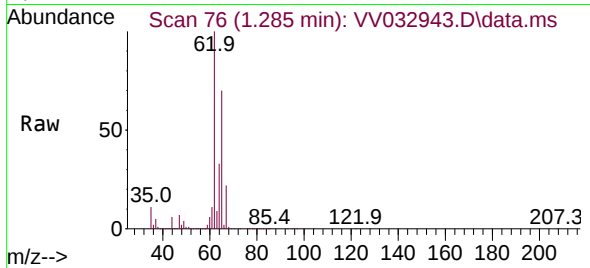




#5
 Vinyl chloride
 Concen: 49.511 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV032943.D
 Acq: 13 Nov 2023 20:07

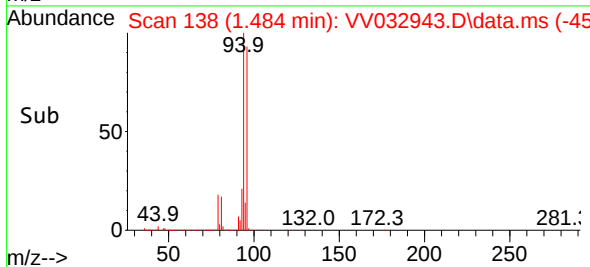
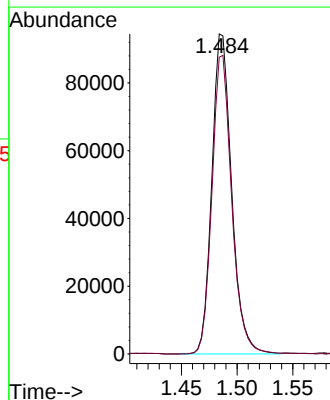
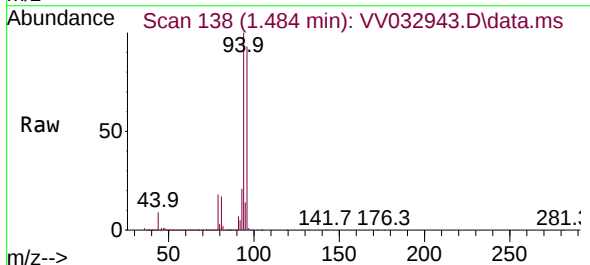
Instrument :
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 ClientSampleId :

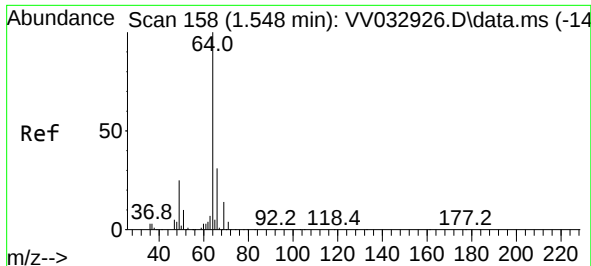
Tgt Ion: 62 Resp: 172763
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 50.529 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV032943.D
 Acq: 13 Nov 2023 20:07

Tgt Ion: 94 Resp: 116877
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.0 122.6

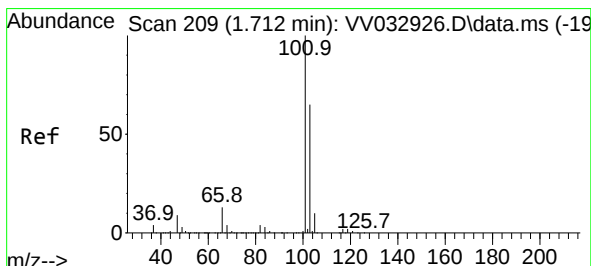
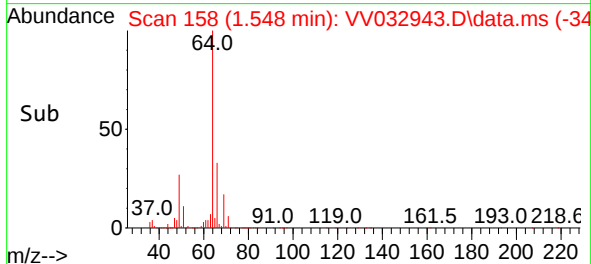
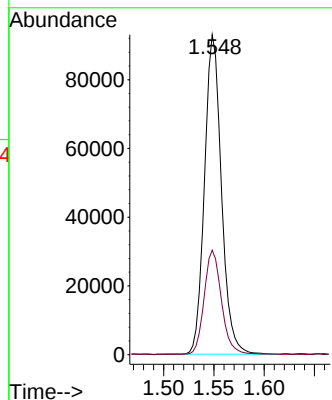
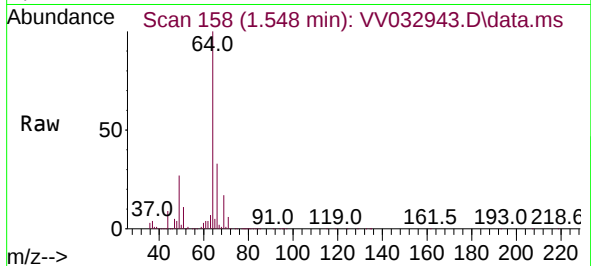




#8
Chloroethane
Concen: 49.340 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

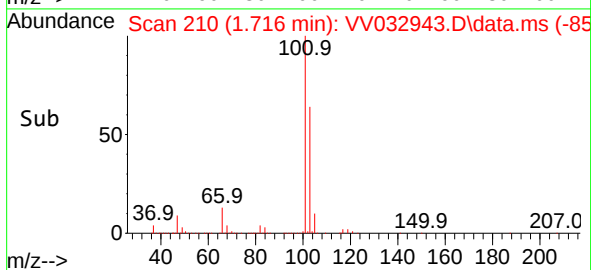
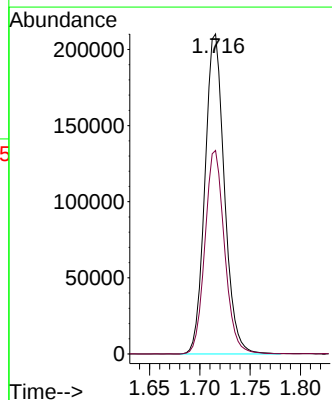
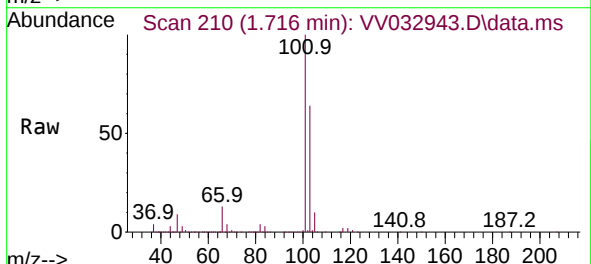
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MSVOA_V
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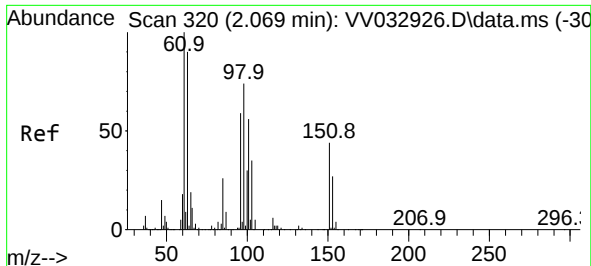
Tgt Ion: 64 Resp: 108724
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 51.036 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion:101 Resp: 282756
Ion Ratio Lower Upper
101 100
103 64.1 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.080 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

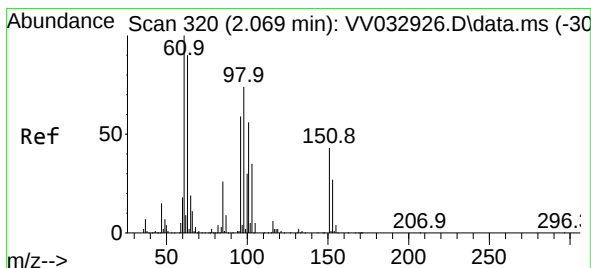
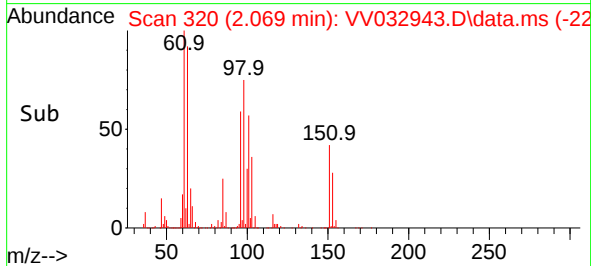
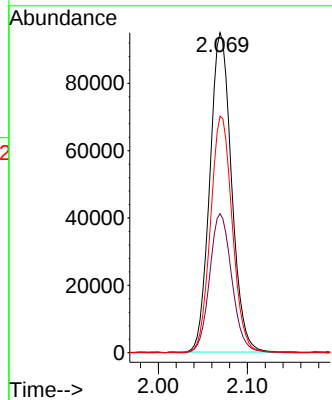
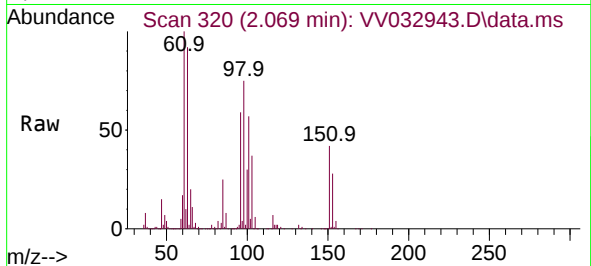
Tgt Ion:101 Resp: 160732

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

151 74.5 60.6 91.0



#12

1,1-Dichloroethene

Concen: 51.072 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

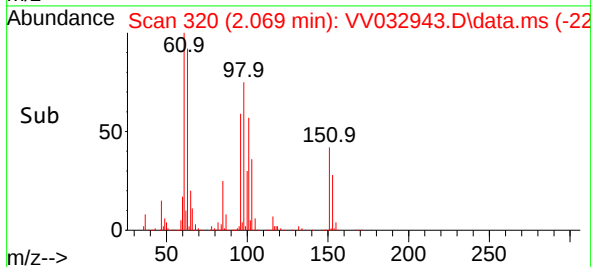
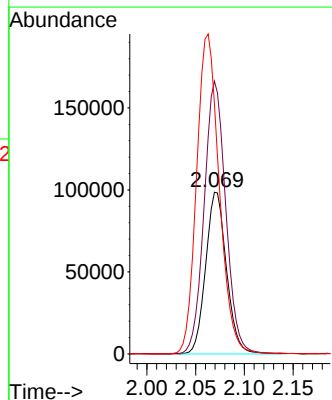
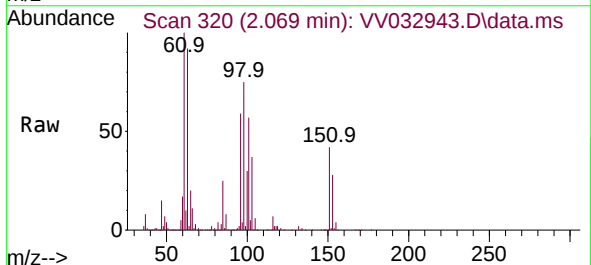
Tgt Ion: 96 Resp: 146623

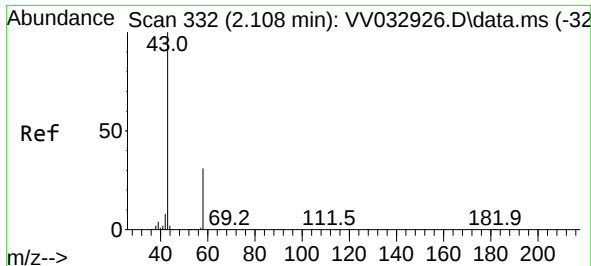
Ion Ratio Lower Upper

96 100

61 168.6 119.6 222.0

63 154.7 95.1 176.7





#13

Acetone

Concen: 70.403 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

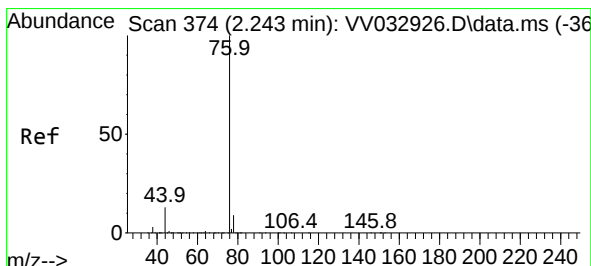
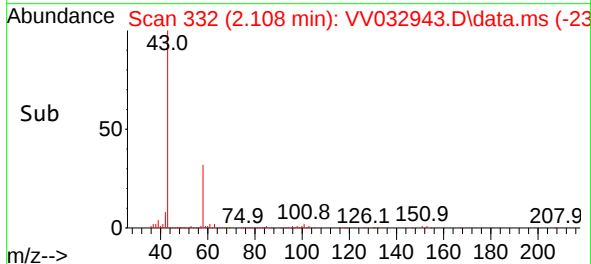
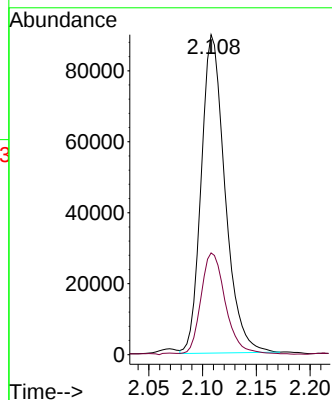
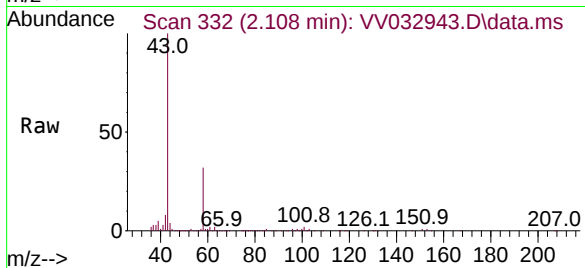
ClientSampleId :

Tgt Ion: 43 Resp: 138300

Ion Ratio Lower Upper

43 100

58 33.2 0.0 62.8



#14

Carbon disulfide

Concen: 49.635 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

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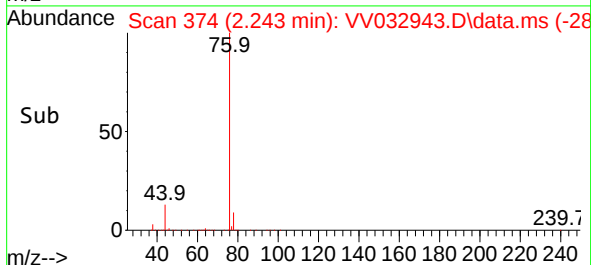
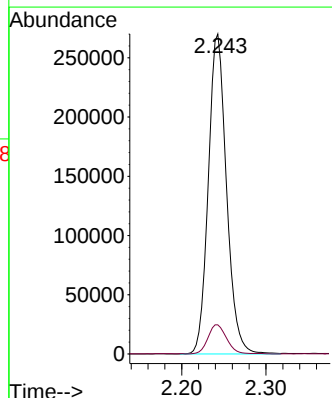
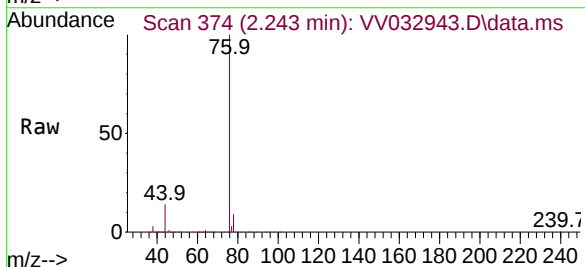
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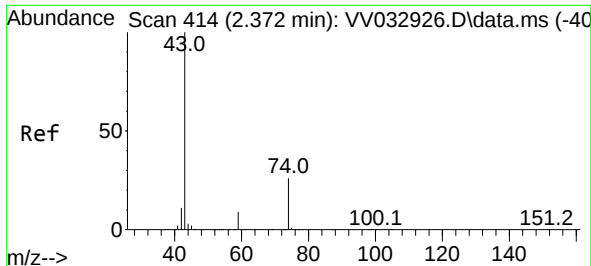
Tgt Ion: 76 Resp: 405794

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

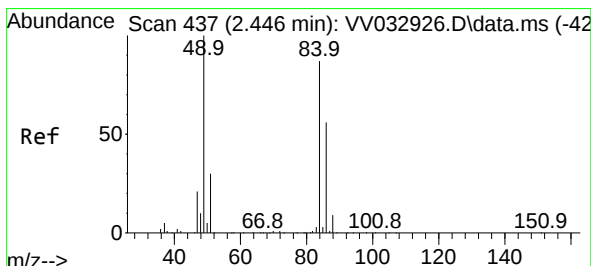
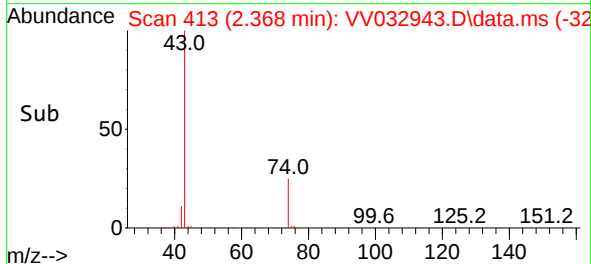
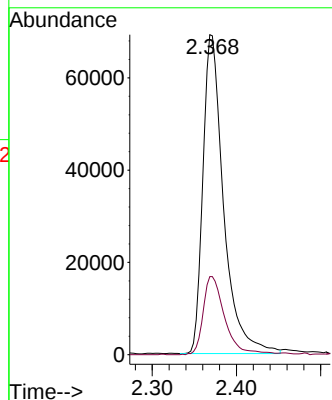
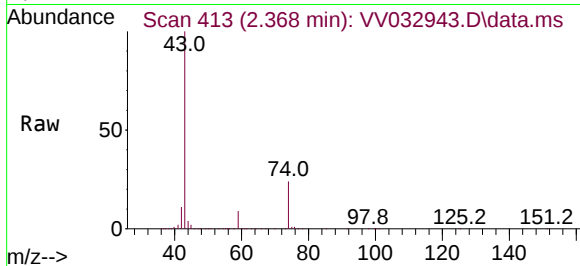




#15
Methyl Acetate
Concen: 51.192 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

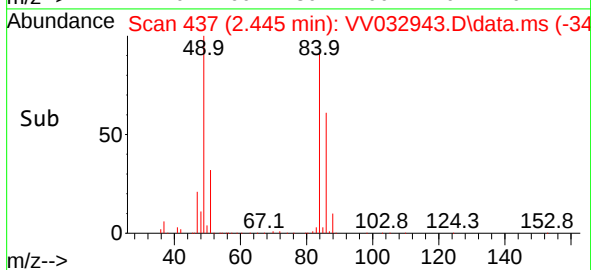
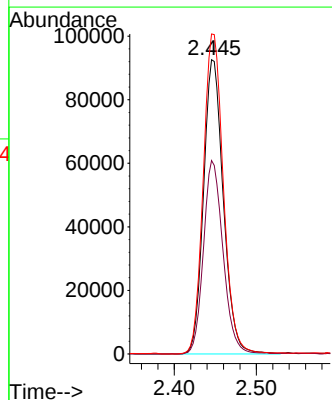
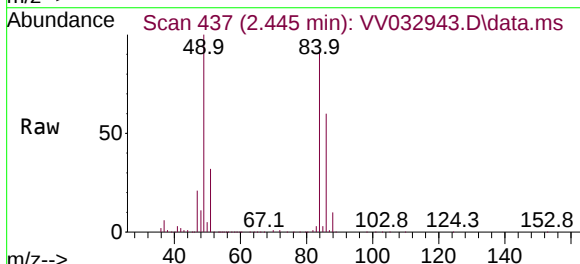
Instrument :
MSVOA_V
ClientSampleId :

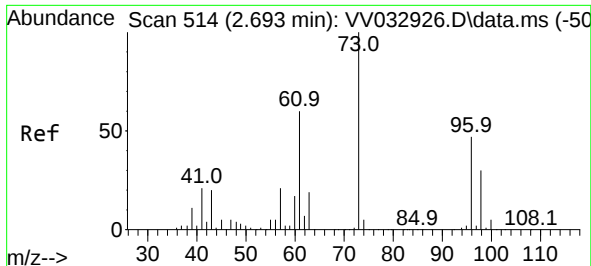
Tgt Ion: 43 Resp: 118234
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2



#16
Methylene chloride
Concen: 50.775 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion: 84 Resp: 155518
Ion Ratio Lower Upper
84 100
86 65.7 45.3 84.1
49 108.7 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 50.423 ug/L

RT: 2.696 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 143307

Ion Ratio Lower Upper

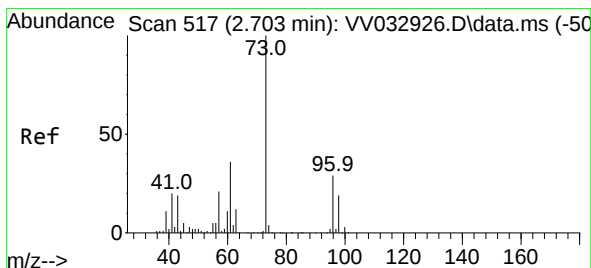
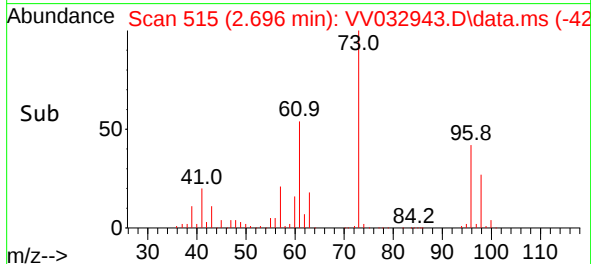
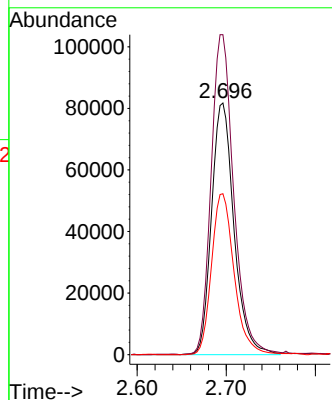
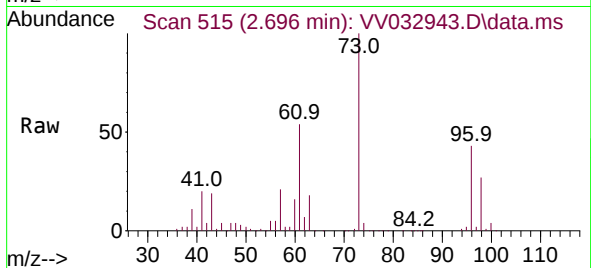
96 100

61 127.1

86.9 161.5

98 63.9

44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 51.572 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Tgt Ion: 73 Resp: 430151

Ion Ratio Lower Upper

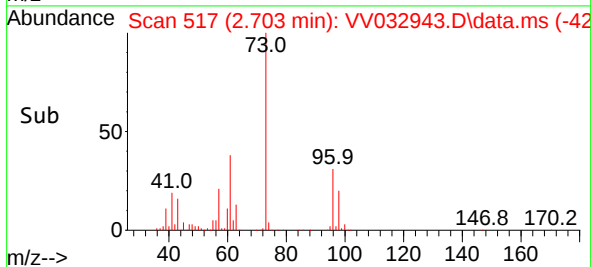
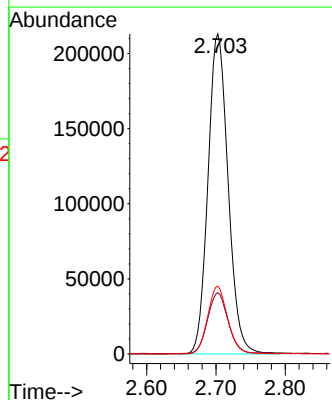
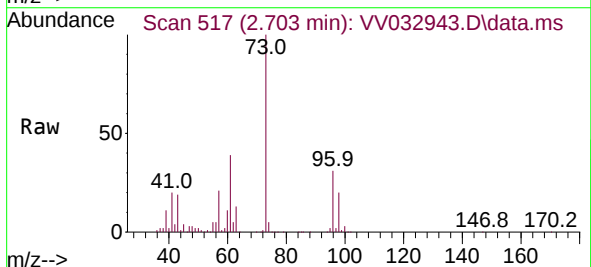
73 100

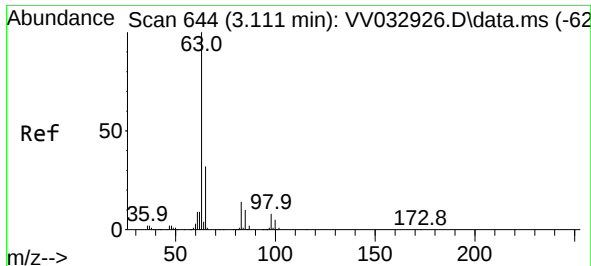
43 19.2

15.7 23.5

57 20.8

17.0 25.4





#19

1,1-Dichloroethane

Concen: 50.494 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

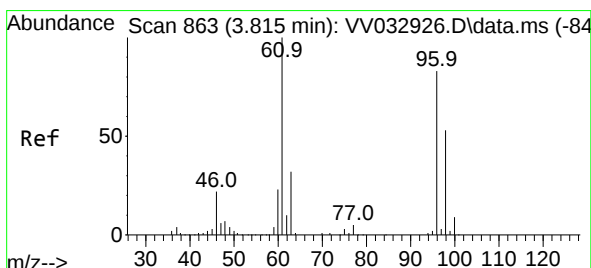
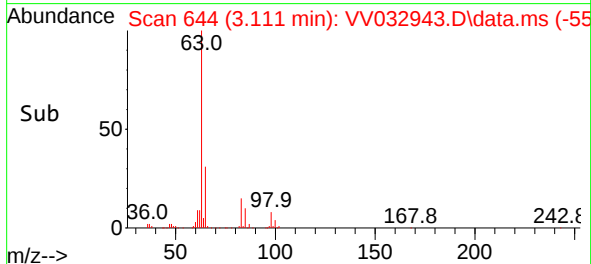
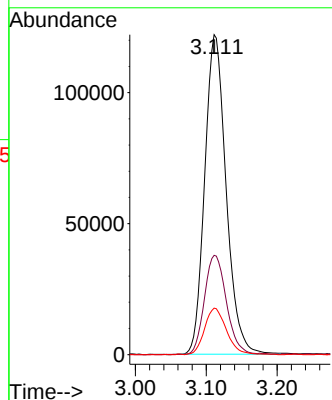
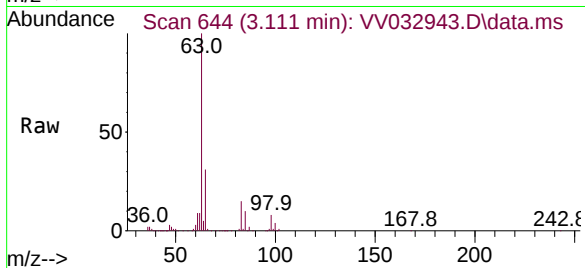
Tgt Ion: 63 Resp: 256381

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 14.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 52.108 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

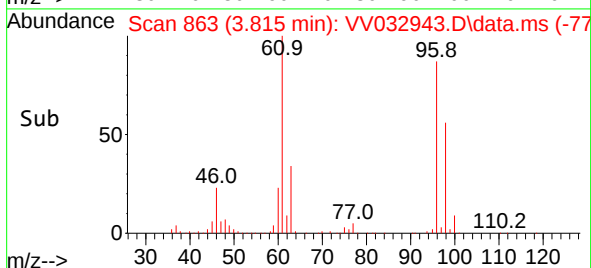
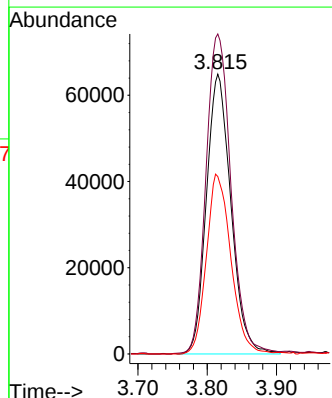
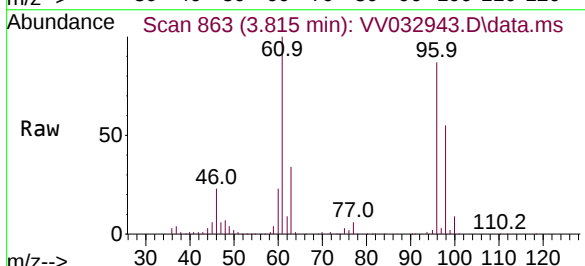
Tgt Ion: 96 Resp: 159487

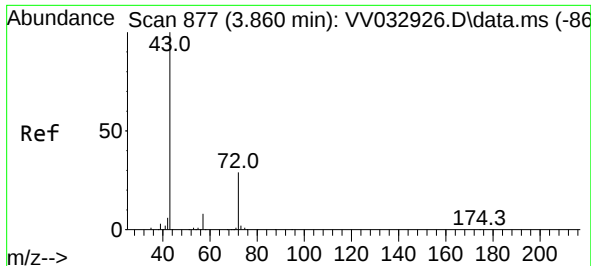
Ion Ratio Lower Upper

96 100

61 114.4 83.5 155.1

98 63.4 44.0 81.8

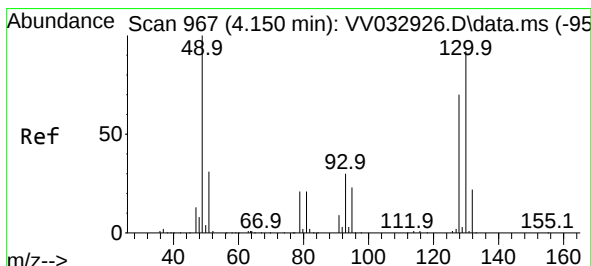
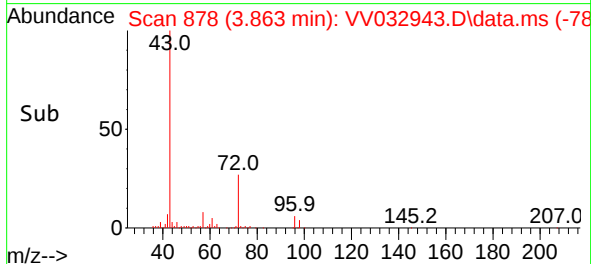
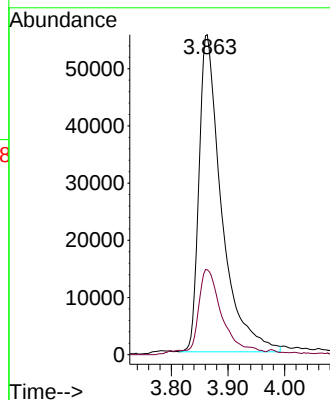
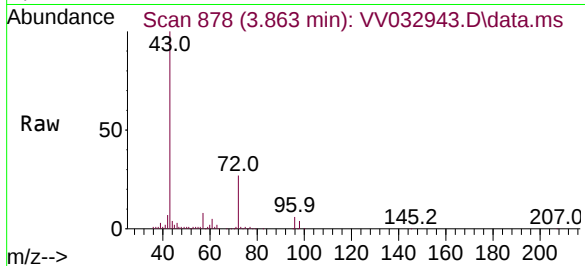




#22
2-Butanone
Concen: 83.691 ug/L
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

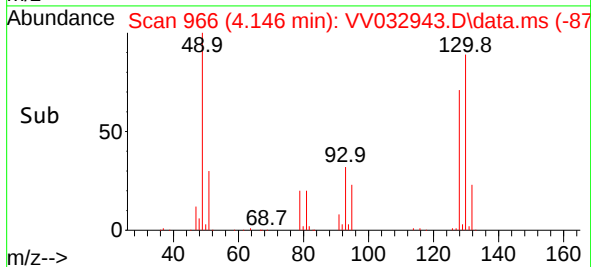
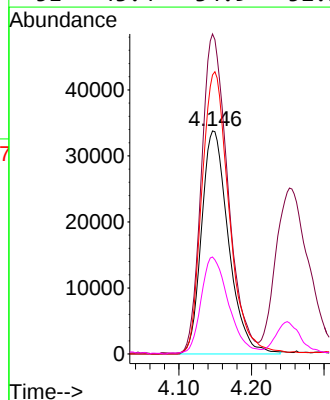
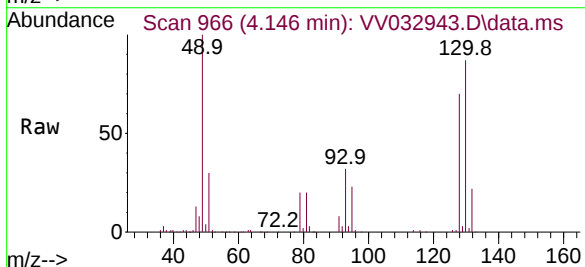
Instrument :
MSVOA_V
ClientSampleId :

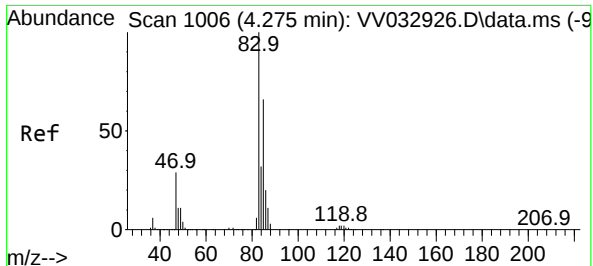
Tgt Ion: 43 Resp: 153132
Ion Ratio Lower Upper
43 100
72 26.5 14.0 41.9



#23
Bromochloromethane
Concen: 50.565 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion:128 Resp: 86928
Ion Ratio Lower Upper
128 100
49 143.4 99.7 185.1
130 125.1 88.7 164.7
51 43.4 34.9 52.3

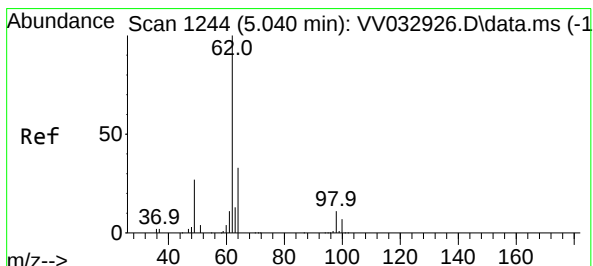
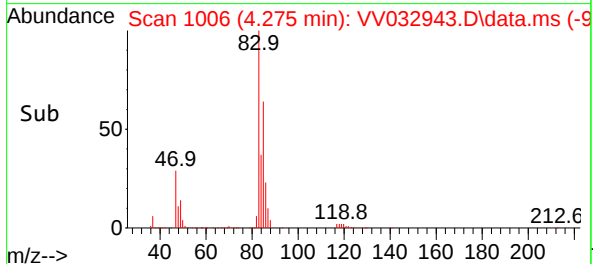
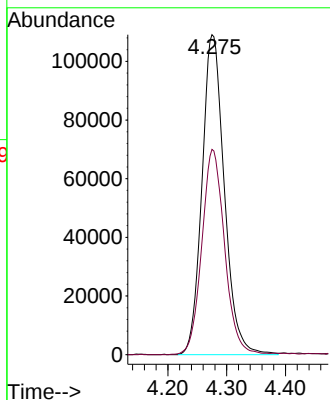
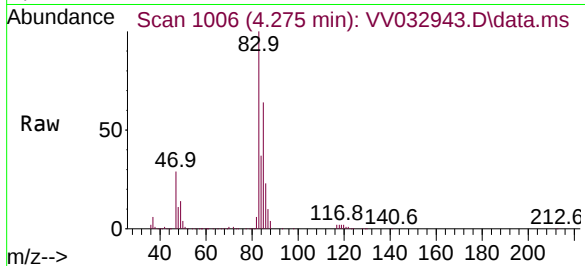




#25
Chloroform
Concen: 51.420 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

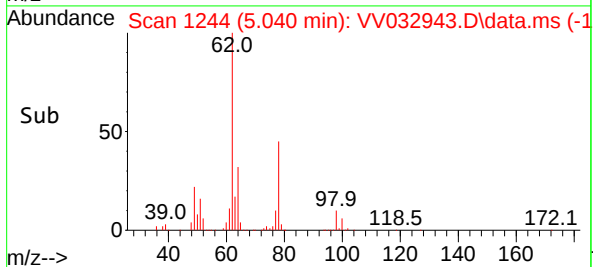
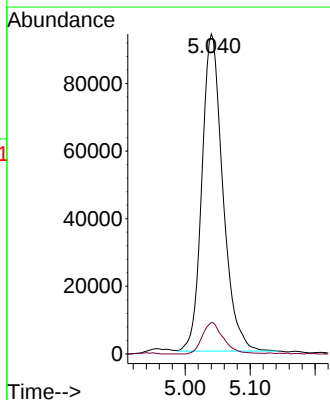
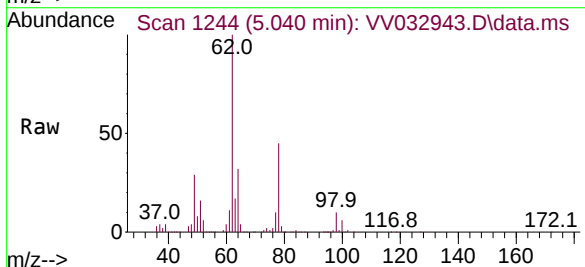
Instrument :
MSVOA_V
ClientSampleId :

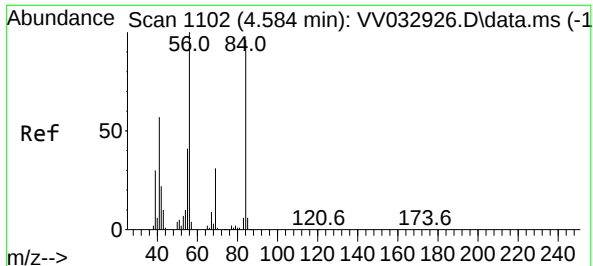
Tgt Ion: 83 Resp: 288095
Ion Ratio Lower Upper
83 100
85 64.1 45.5 84.5



#27
1,2-Dichloroethane
Concen: 49.910 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion: 62 Resp: 210935
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0





#29

Cyclohexane

Concen: 52.535 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

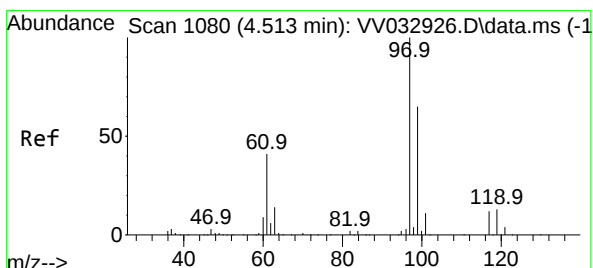
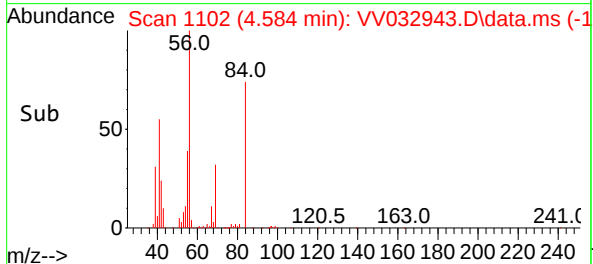
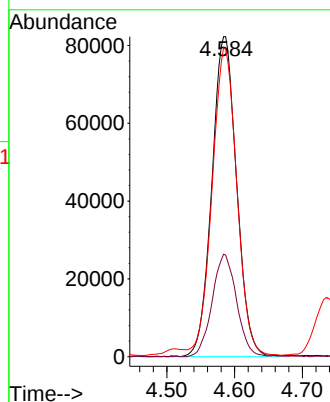
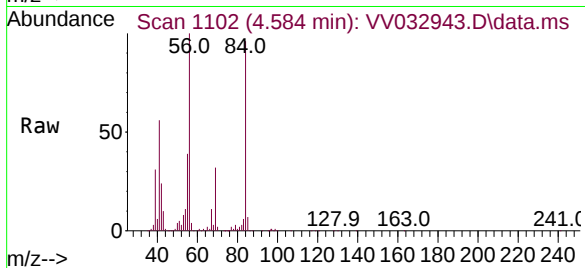
Tgt Ion: 56 Resp: 208820

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 95.9 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 50.746 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

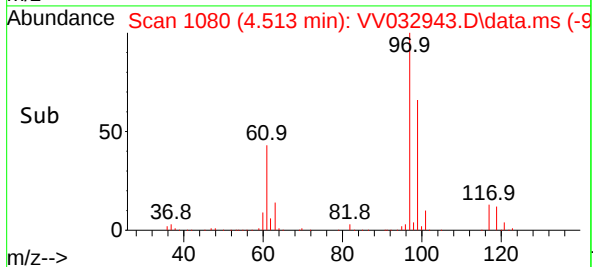
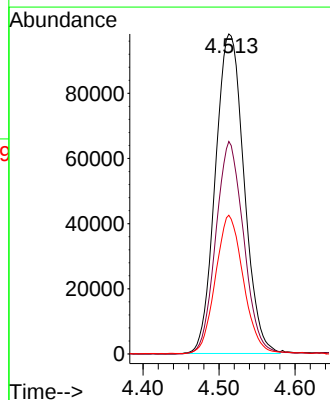
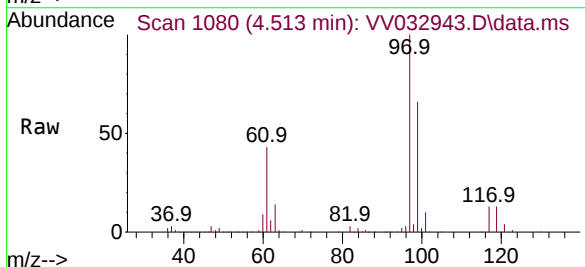
Tgt Ion: 97 Resp: 257225

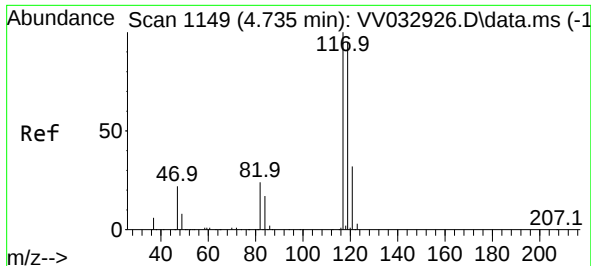
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 41.8 33.3 49.9

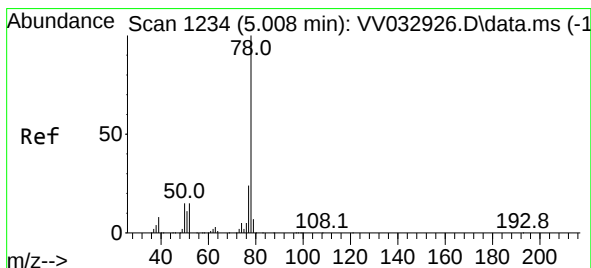
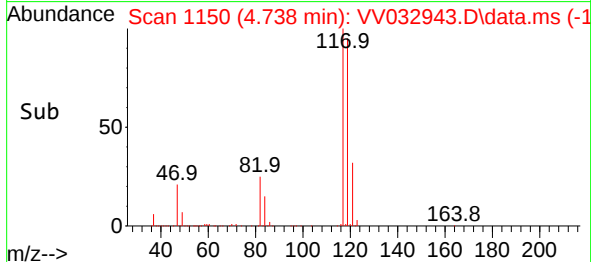
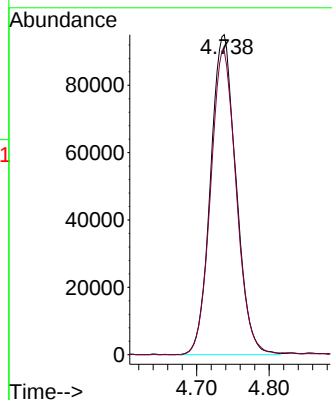
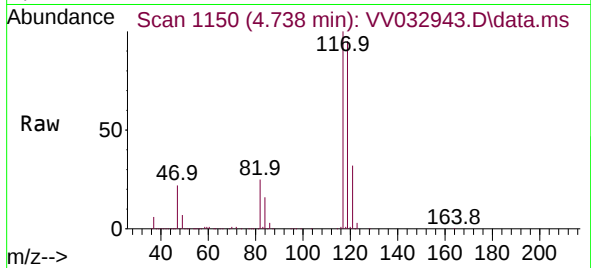




#31
Carbon tetrachloride
Concen: 51.220 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

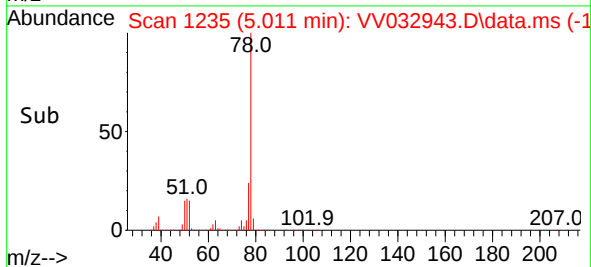
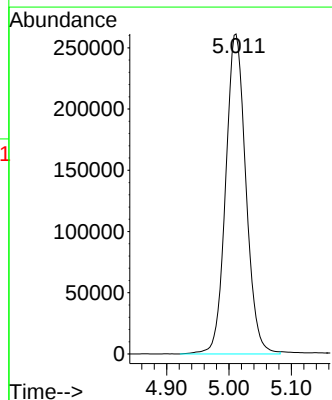
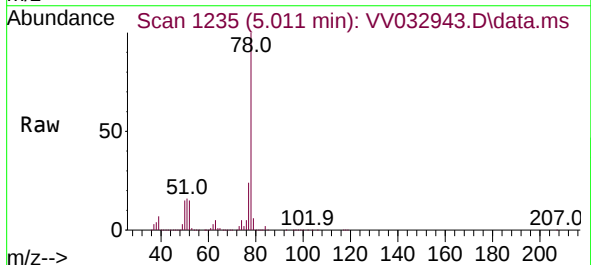
Instrument :
MSVOA_V
ClientSampleId :

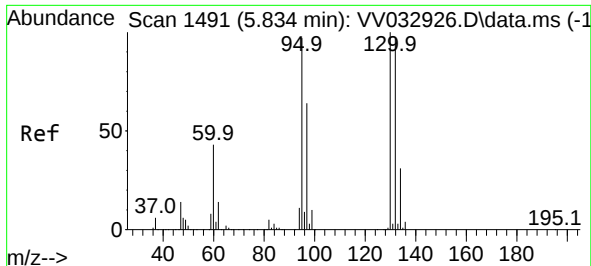
Tgt Ion:117 Resp: 232173
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4



#33
Benzene
Concen: 52.407 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

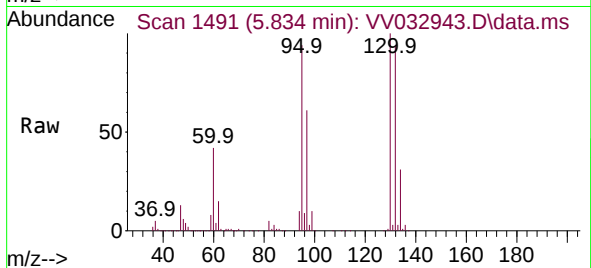
Tgt Ion: 78 Resp: 588722





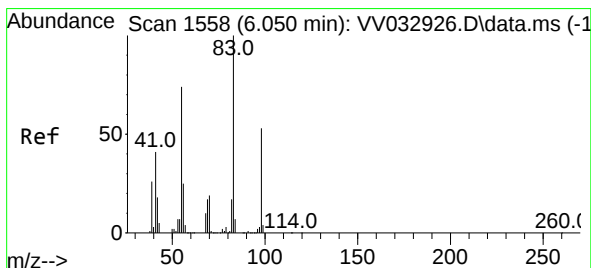
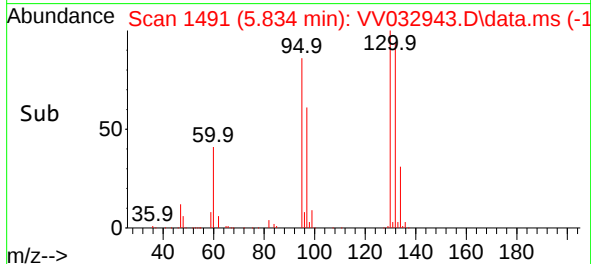
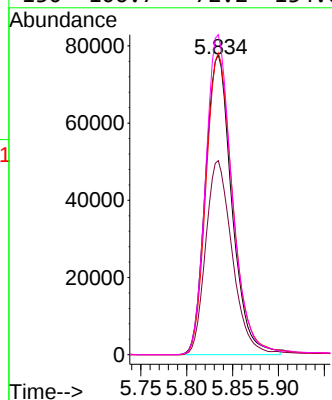
#34
Trichloroethene
Concen: 50.941 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 155526

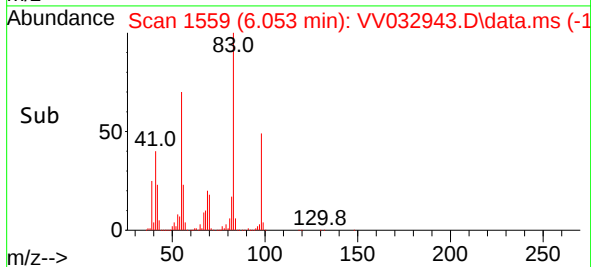
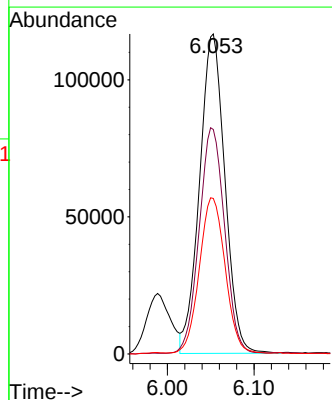
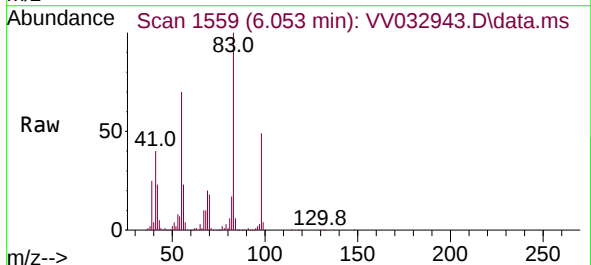
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.7	84.9
132	100.6	70.0	130.0
130	106.7	72.2	134.0

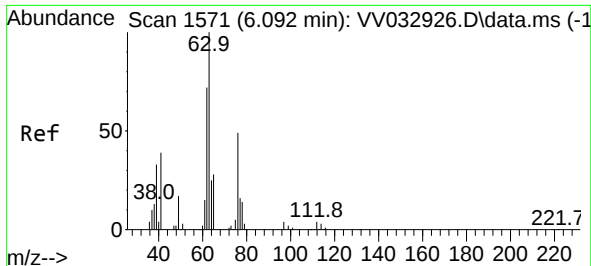


#35
Methylcyclohexane
Concen: 51.519 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion: 83 Resp: 237043

Ion	Ratio	Lower	Upper
83	100		
55	70.9	57.5	86.3
98	50.2	41.0	61.4





#37

1,2-Dichloropropane

Concen: 51.323 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

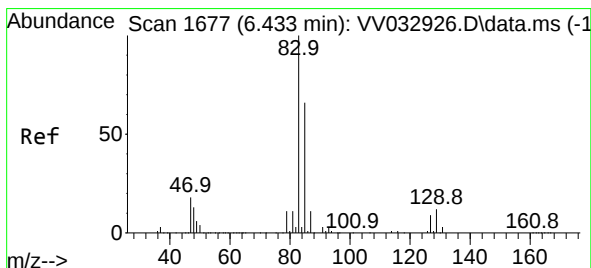
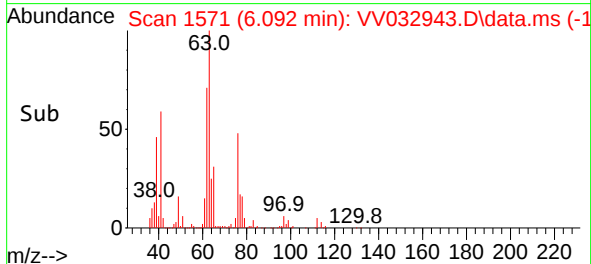
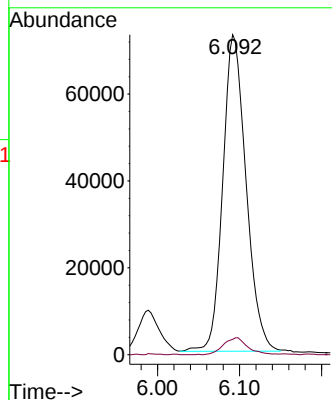
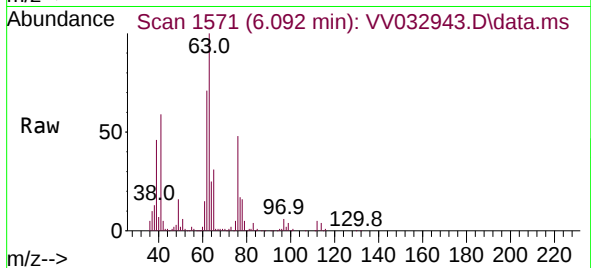
ClientSampleId :

Tgt Ion: 63 Resp: 143984

Ion Ratio Lower Upper

63 100

112 5.5 4.2 6.4



#38

Bromodichloromethane

Concen: 50.887 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

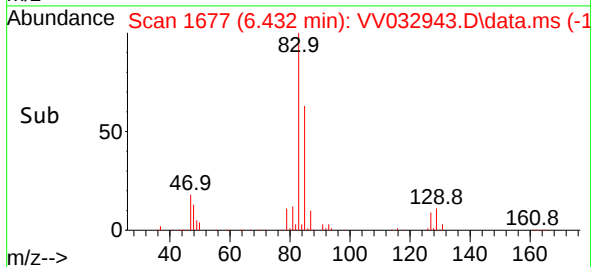
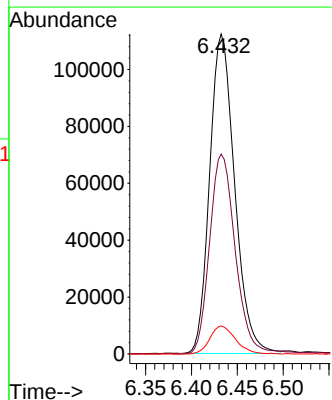
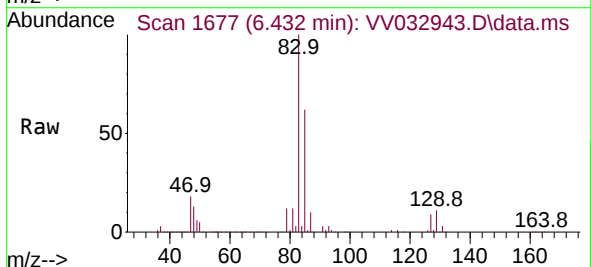
Tgt Ion: 83 Resp: 212963

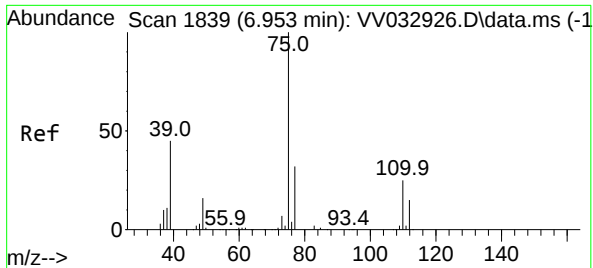
Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.7

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 50.248 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

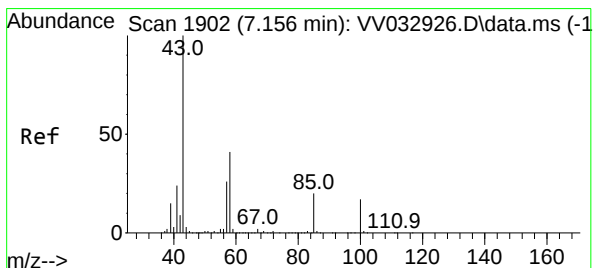
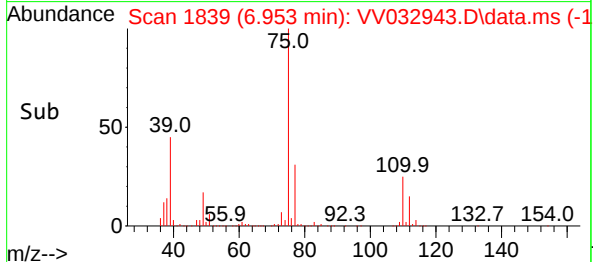
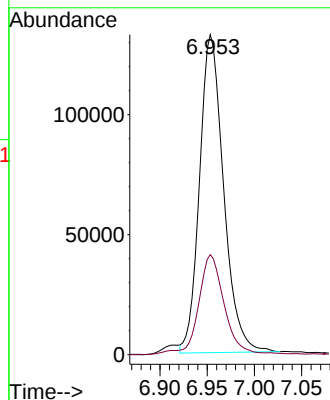
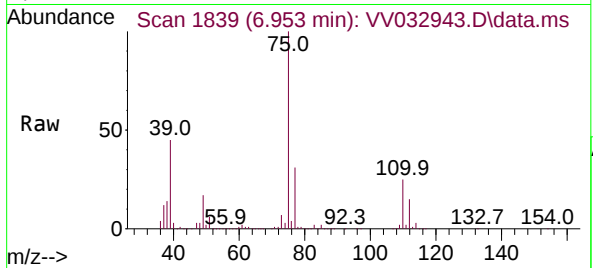
ClientSampleId :

Tgt Ion: 75 Resp: 234446

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 104.911 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

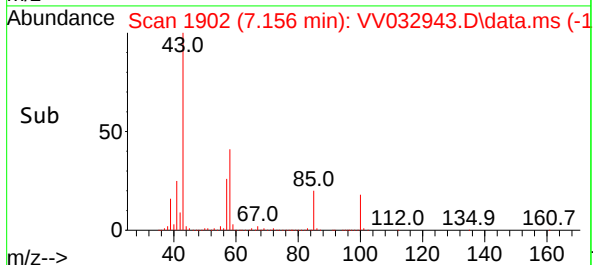
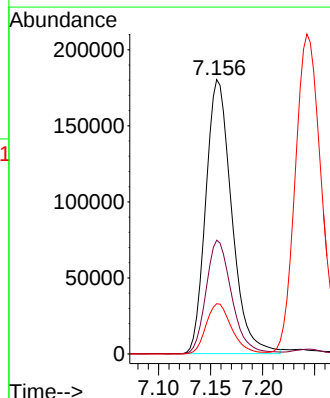
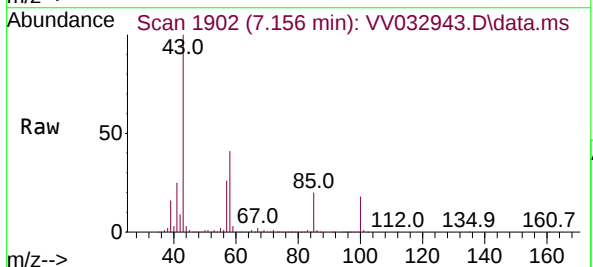
Tgt Ion: 43 Resp: 313867

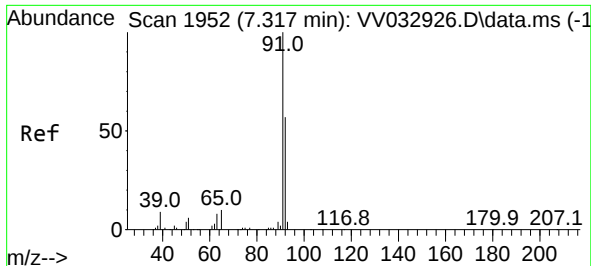
Ion Ratio Lower Upper

43 100

58 40.9 32.6 49.0

100 18.2 14.2 21.4

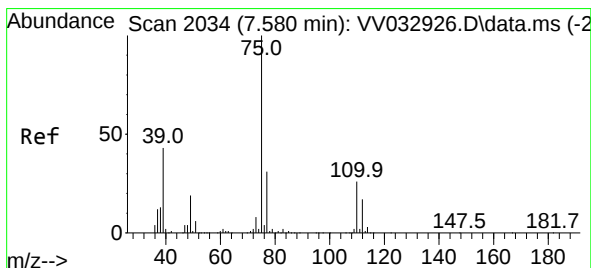
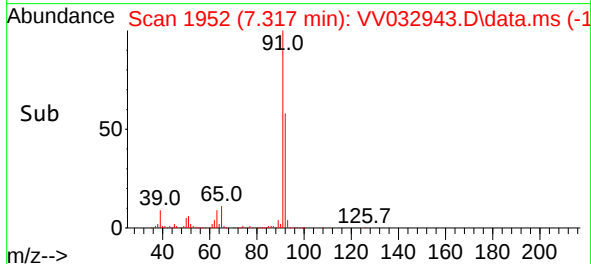
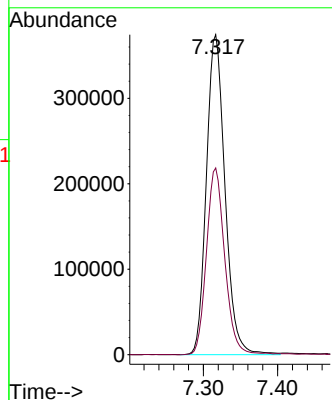
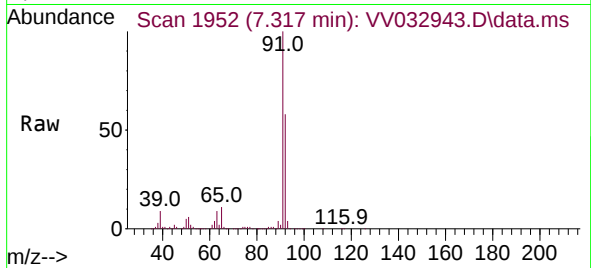




#42
Toluene
Concen: 53.083 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

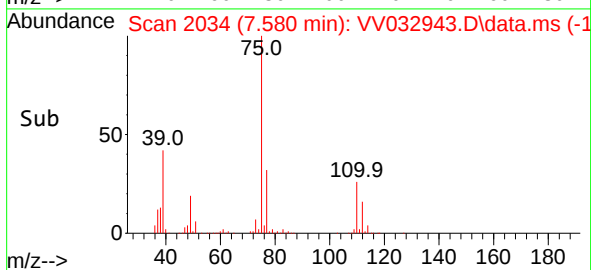
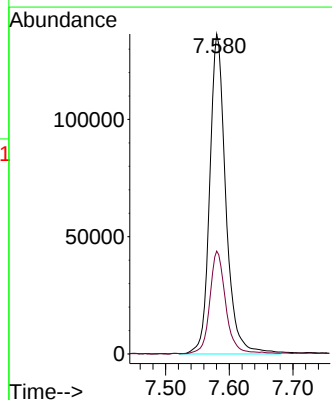
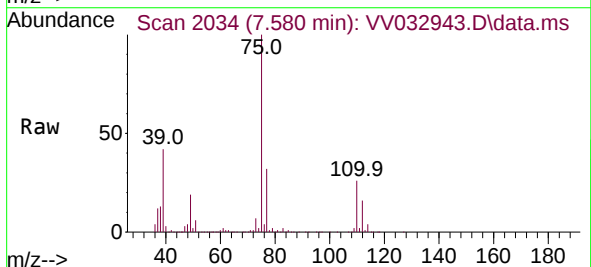
Instrument : MSVOA_V
ClientSampleId :

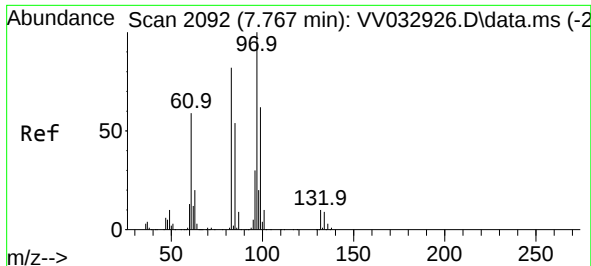
Tgt Ion: 91 Resp: 650717
Ion Ratio Lower Upper
91 100
92 58.3 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 52.987 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion: 75 Resp: 240141
Ion Ratio Lower Upper
75 100
77 32.1 22.3 41.3

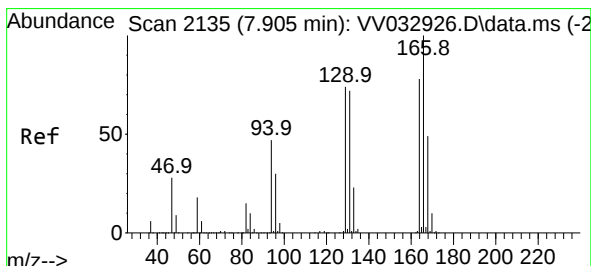
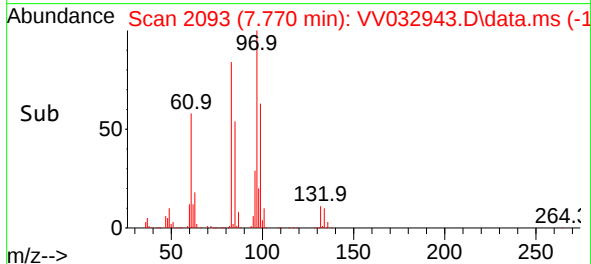
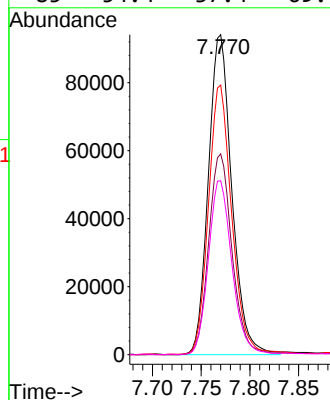
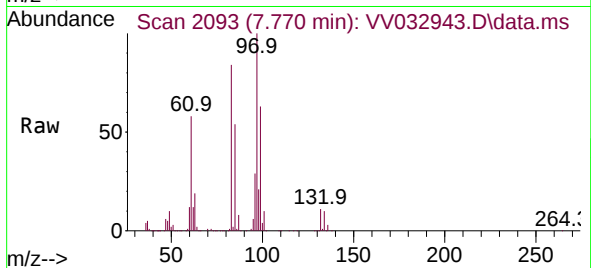




#45
1,1,2-Trichloroethane
Concen: 50.774 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

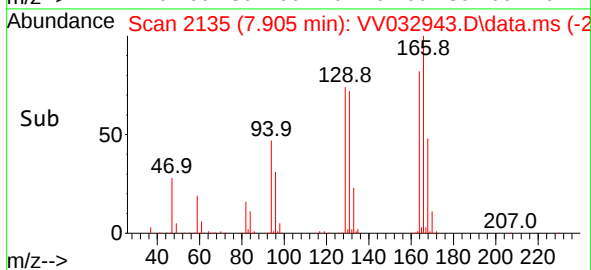
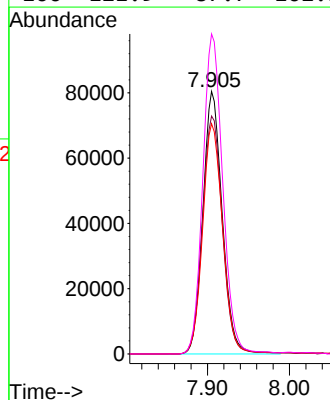
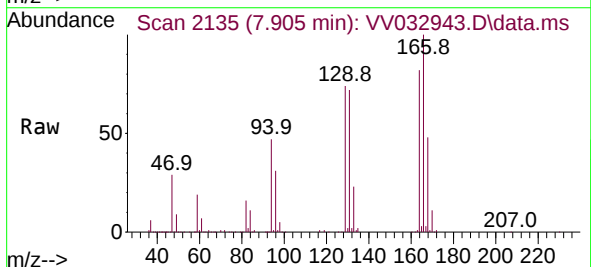
Instrument :
MSVOA_V
ClientSampleId :

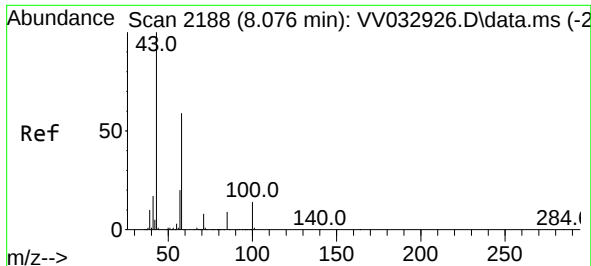
Tgt Ion: 97	Resp: 158069
Ion Ratio	Lower Upper
97 100	
99 62.8	42.8 79.4
83 84.3	57.4 106.6
85 54.4	37.4 69.4



#46
Tetrachloroethene
Concen: 50.327 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

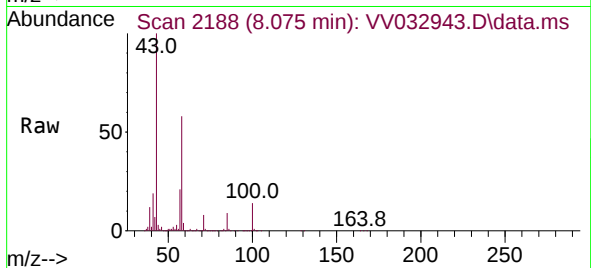
Tgt	Ion:164	Resp:	132174
Ion	Ratio	Lower	Upper
164	100		
129	90.6	64.2	119.2
131	87.7	63.5	117.9
166	121.9	87.7	162.9



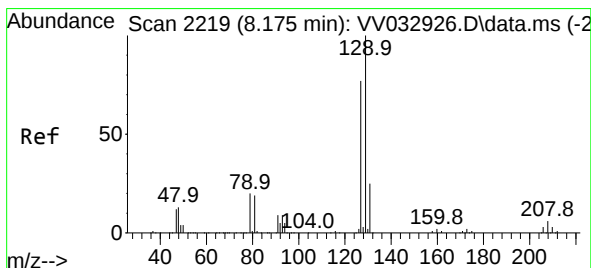
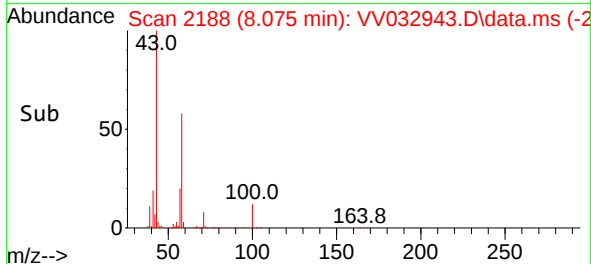
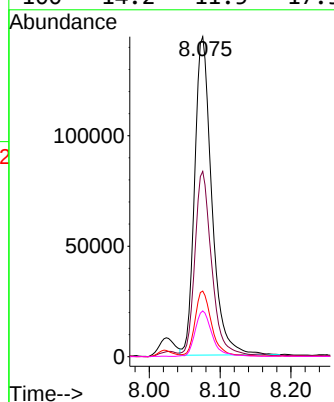


#48
2-Hexanone
Concen: 93.144 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Instrument :
MSVOA_V
ClientSampleId :

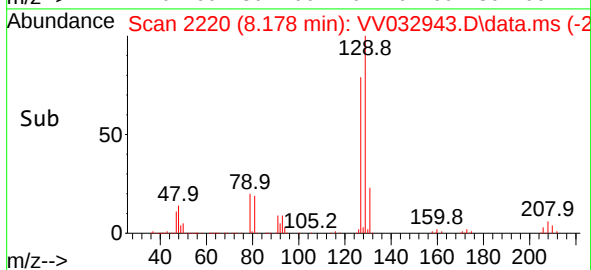
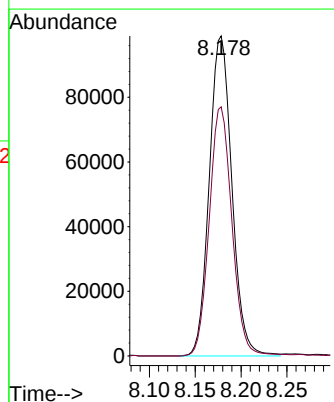
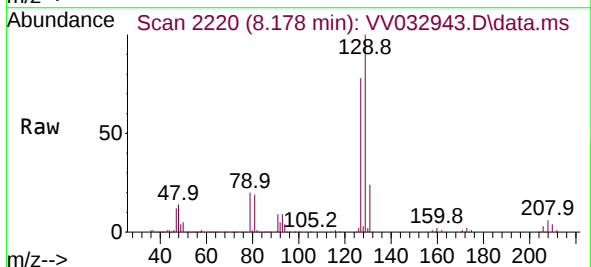


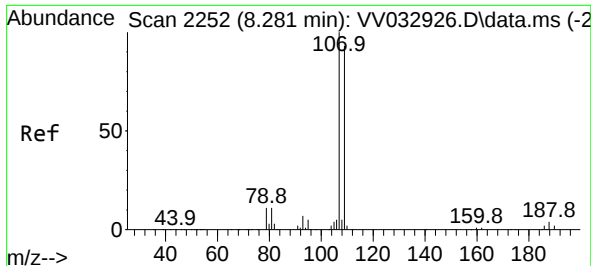
Tgt Ion: 43	Resp: 242781
Ion Ratio	Lower Upper
43 100	
58 55.8	44.8 67.2
57 19.7	15.2 22.8
100 14.2	11.5 17.3



#49
Dibromochloromethane
Concen: 50.645 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion:129	Resp: 169854
Ion Ratio	Lower Upper
129 100	
127 77.9	55.1 102.3





#50

1,2-Dibromoethane

Concen: 51.190 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

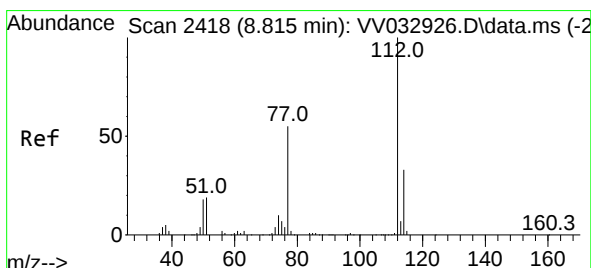
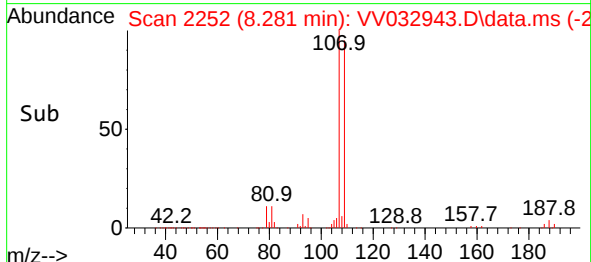
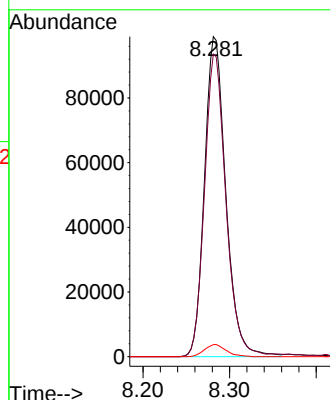
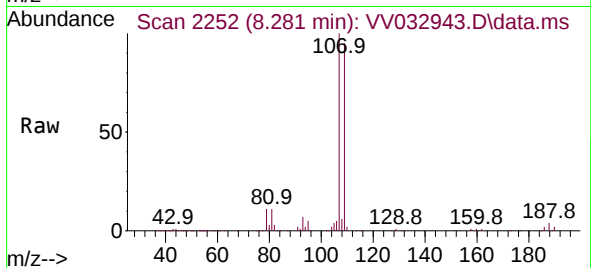
Tgt Ion:107 Resp: 169626

Ion Ratio Lower Upper

107 100

109 94.6 66.3 123.1

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 50.910 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

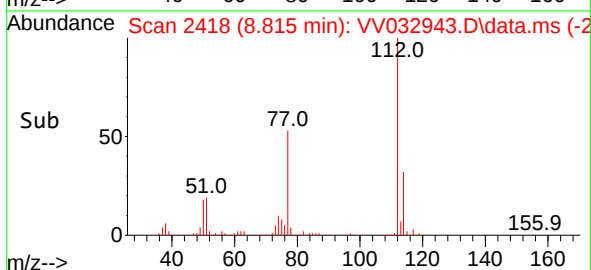
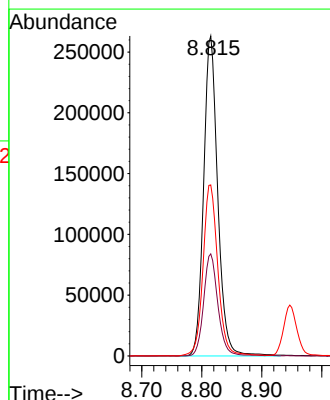
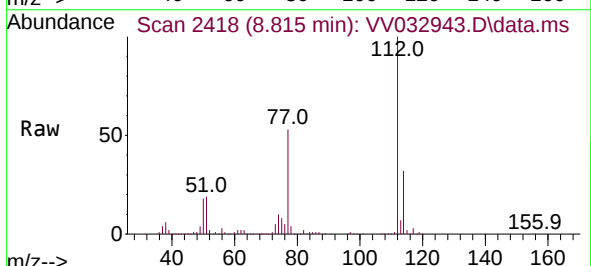
Tgt Ion:112 Resp: 432316

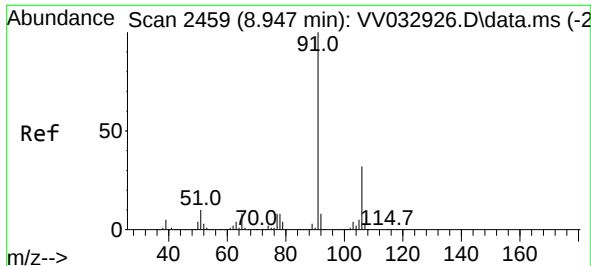
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 53.5 44.2 66.2

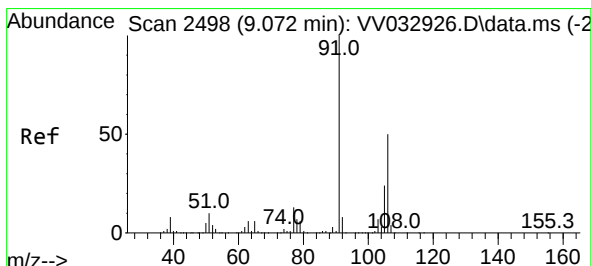
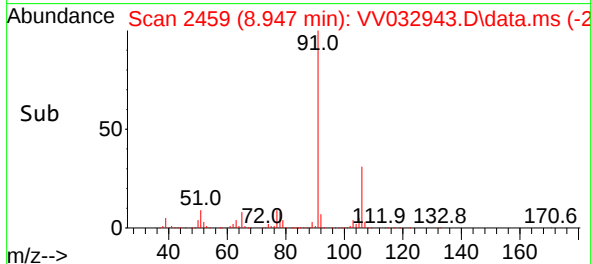
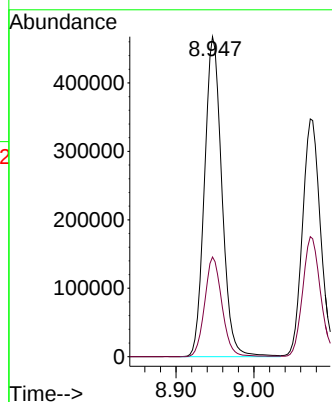
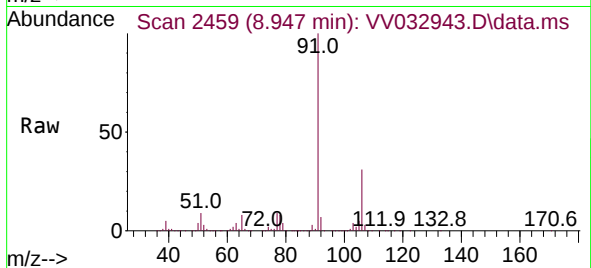




#52
Ethylbenzene
Concen: 53.508 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

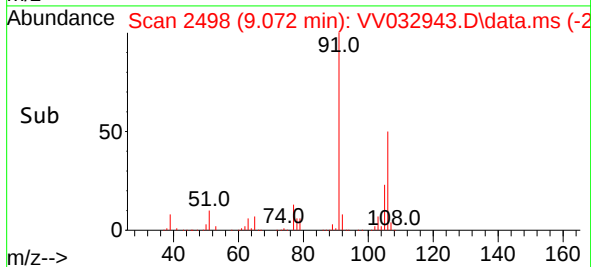
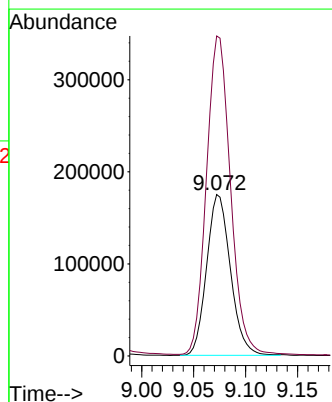
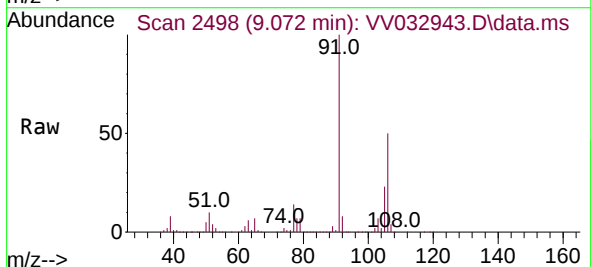
Instrument :
MSVOA_V
ClientSampleId :

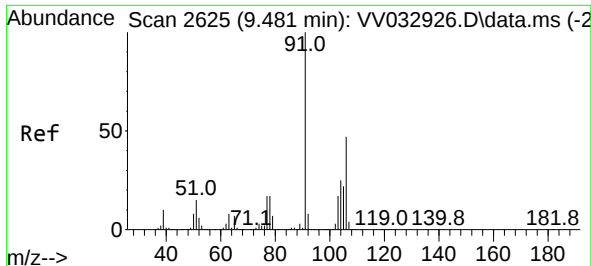
Tgt Ion: 91 Resp: 726407
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 53.387 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion: 106 Resp: 278675
Ion Ratio Lower Upper
106 100
91 198.2 137.5 255.4

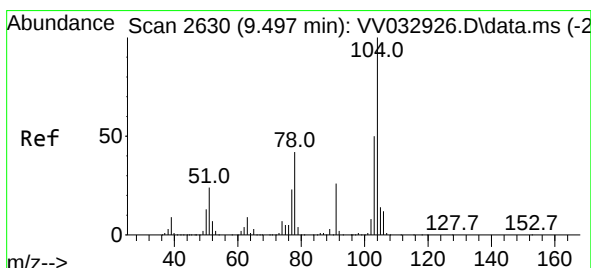
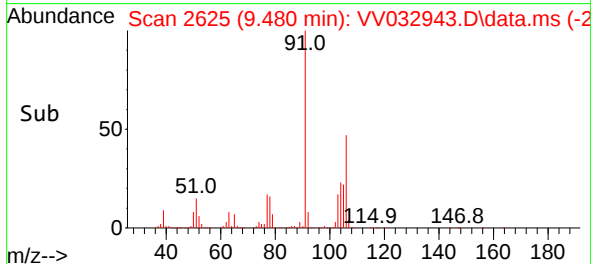
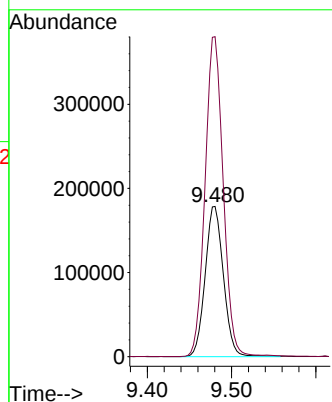
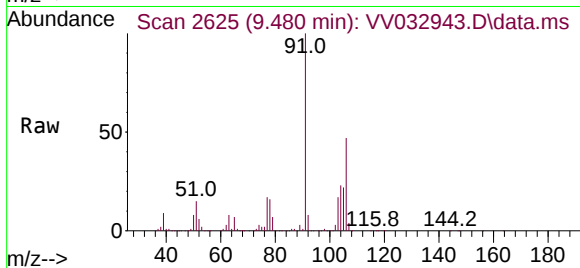




#54
o-Xylene
Concen: 53.563 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

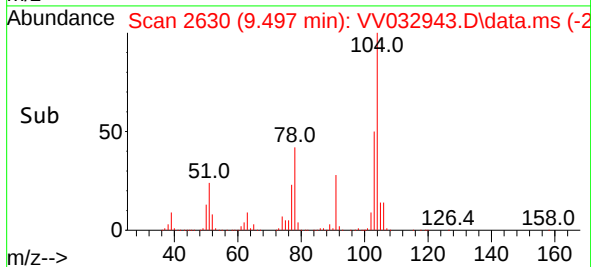
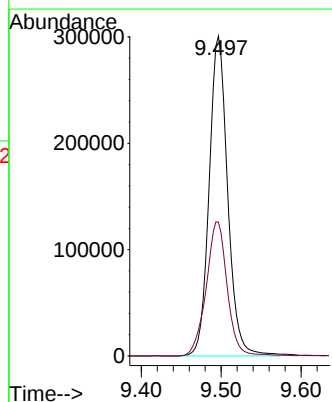
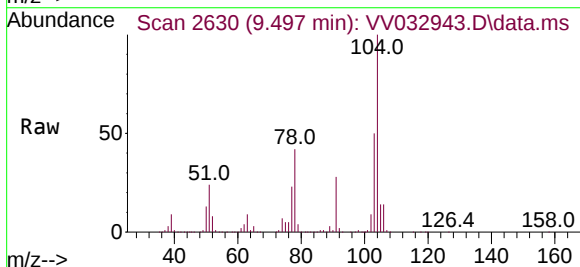
Instrument :
MSVOA_V
ClientSampleId :

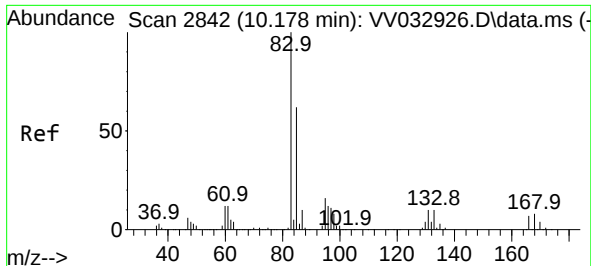
Tgt Ion:106 Resp: 269594
Ion Ratio Lower Upper
106 100
91 213.1 151.6 281.6



#55
Styrene
Concen: 54.690 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion:104 Resp: 485527
Ion Ratio Lower Upper
104 100
78 41.9 29.8 55.4





#57

1,1,2,2-Tetrachloroethane

Concen: 49.630 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

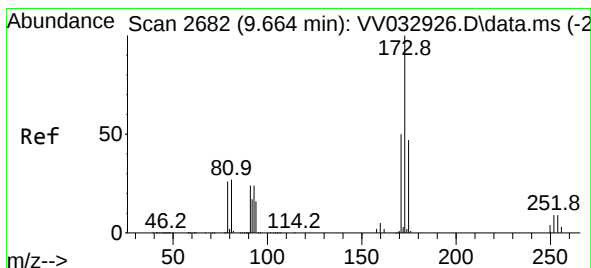
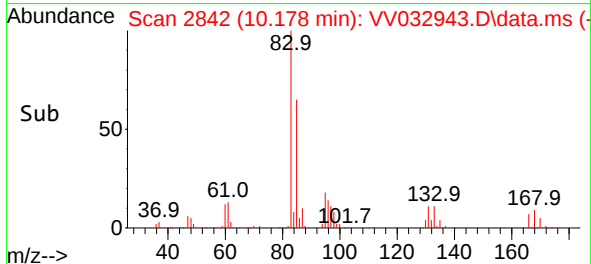
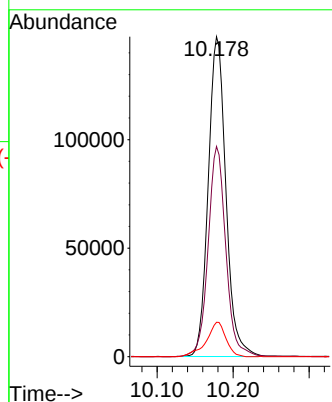
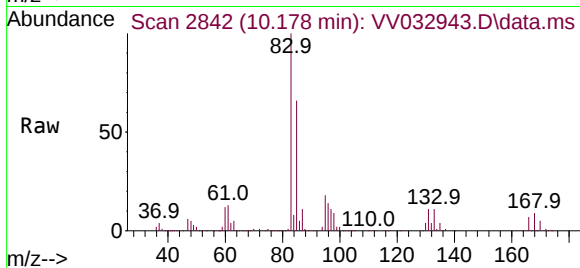
Tgt Ion: 83 Resp: 237700

Ion Ratio Lower Upper

83 100

85 65.7 44.7 83.1

131 10.8 8.7 13.1



#59

Bromoform

Concen: 50.759 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

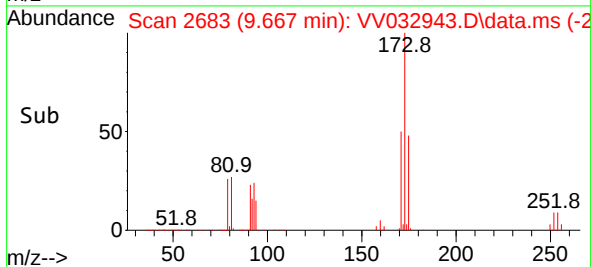
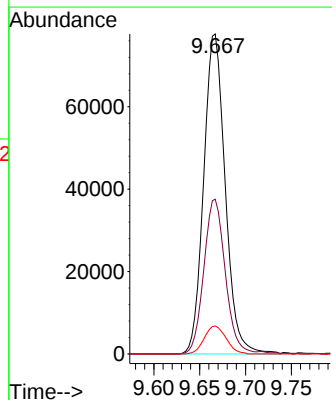
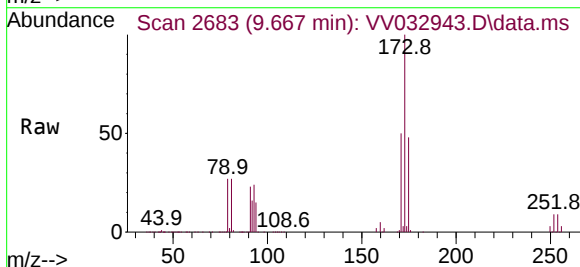
Tgt Ion: 173 Resp: 126959

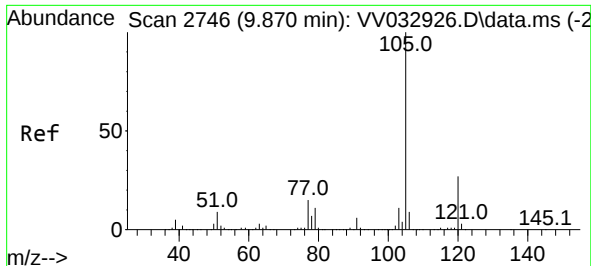
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

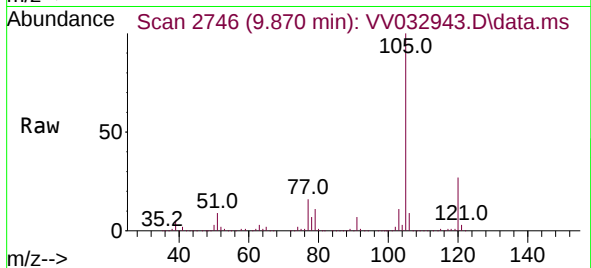
254 8.8 7.0 10.6



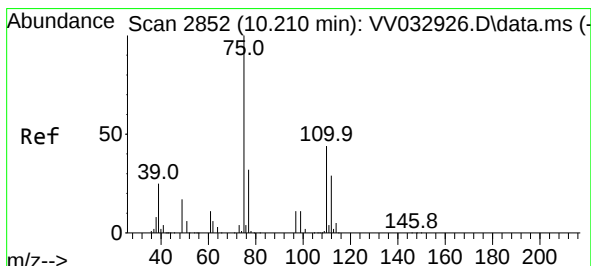
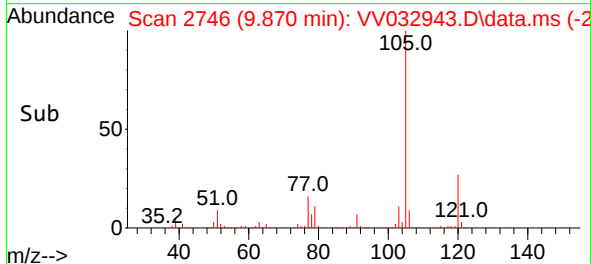
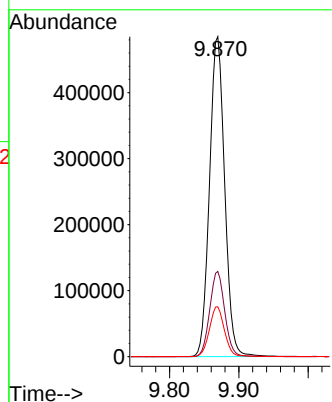


#60
Isopropylbenzene
Concen: 52.771 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Instrument :
MSVOA_V
ClientSampleId :

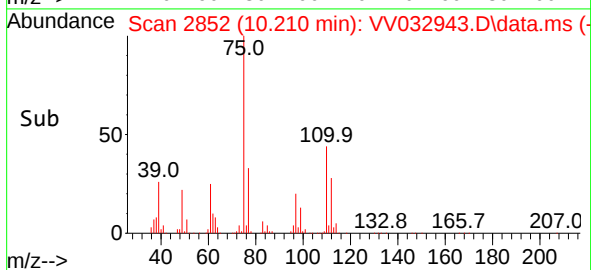
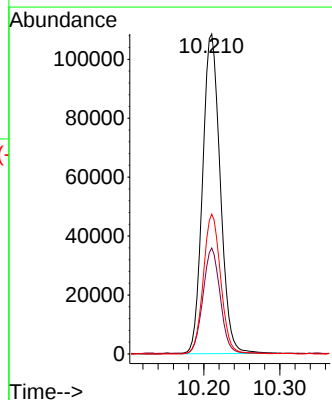
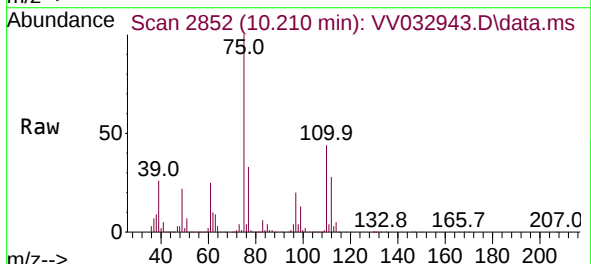


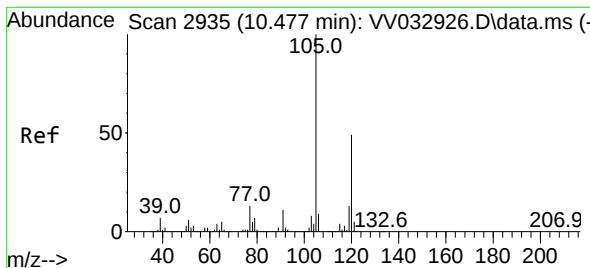
Tgt Ion:105 Resp: 734475
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 15.4 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 50.854 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion: 75 Resp: 175017
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
110 43.2 34.6 52.0





#62

1,3,5-Trimethylbenzene

Concen: 54.008 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

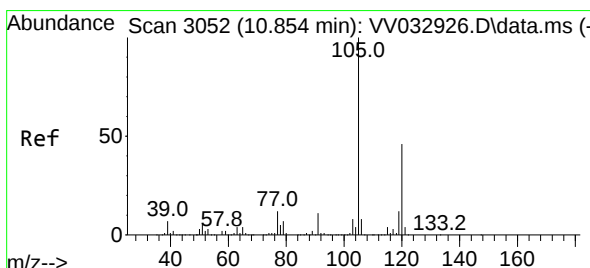
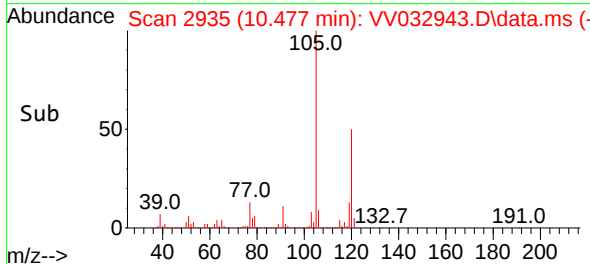
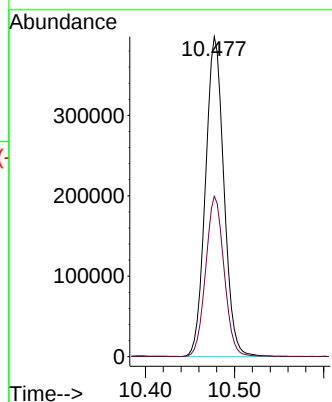
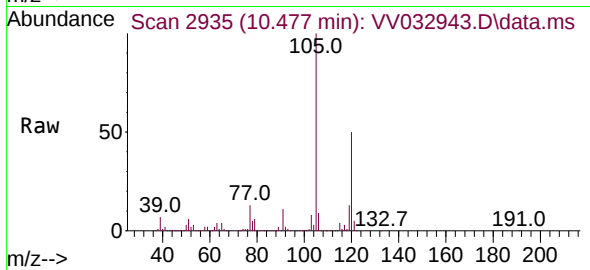
ClientSampleId :

Tgt Ion:105 Resp: 570228

Ion Ratio Lower Upper

105 100

120 50.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 54.507 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032943.D

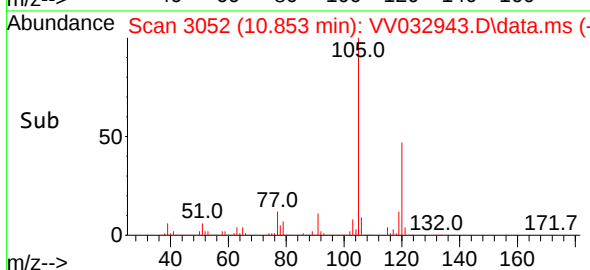
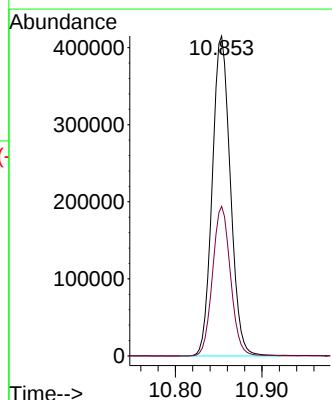
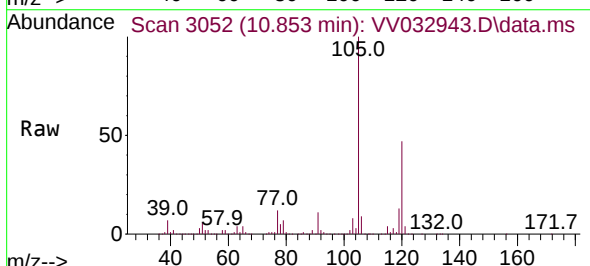
Acq: 13 Nov 2023 20:07

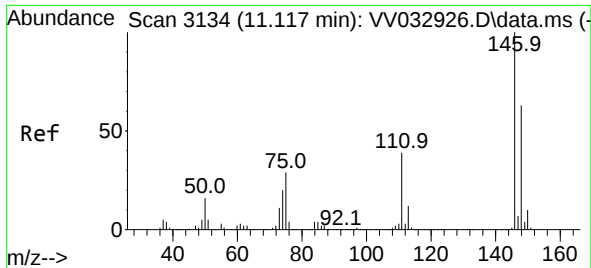
Tgt Ion:105 Resp: 601731

Ion Ratio Lower Upper

105 100

120 46.4 36.3 54.5

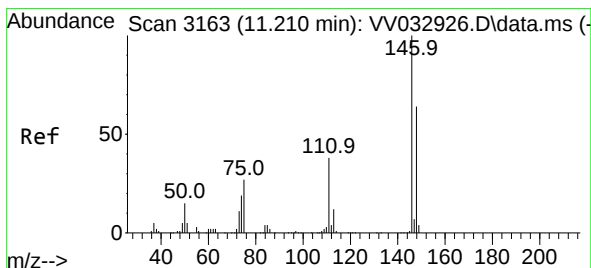
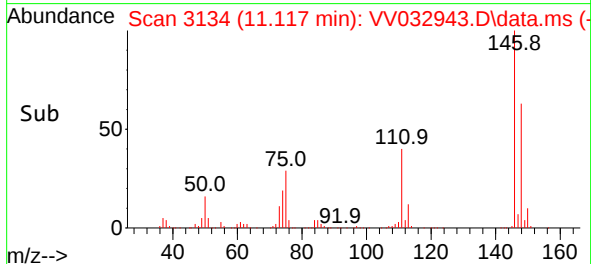
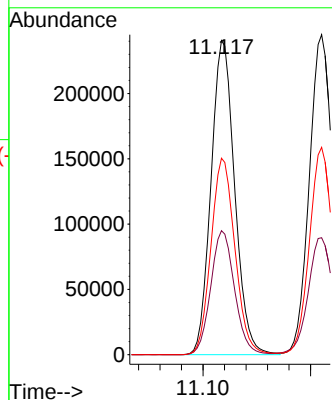
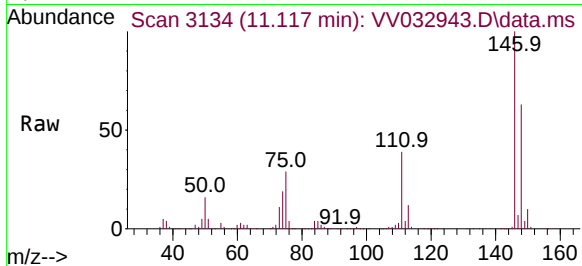




#64
1,3-Dichlorobenzene
Concen: 50.689 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

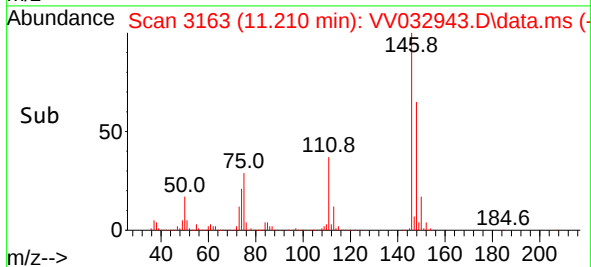
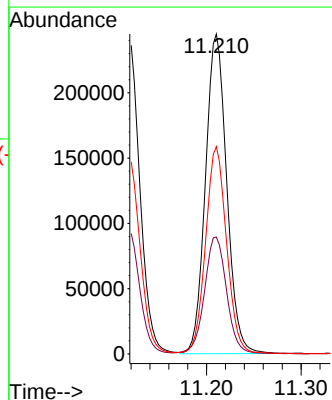
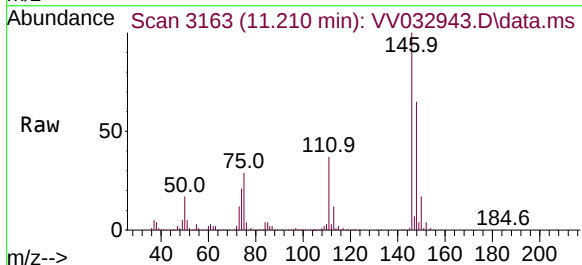
Instrument :
MSVOA_V
ClientSampleId :

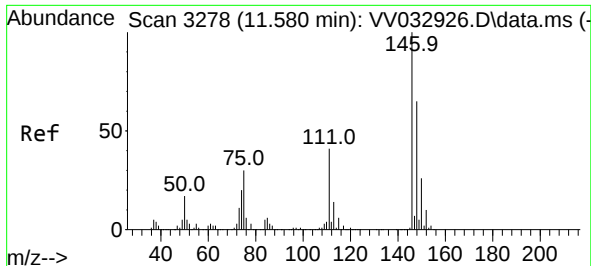
Tgt Ion:146 Resp: 367956
Ion Ratio Lower Upper
146 100
111 39.5 26.9 49.9
148 62.5 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 49.153 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032943.D
Acq: 13 Nov 2023 20:07

Tgt Ion:146 Resp: 382671
Ion Ratio Lower Upper
146 100
111 36.6 25.5 47.3
148 64.8 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 50.269 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

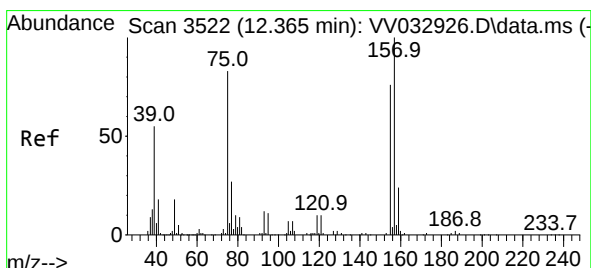
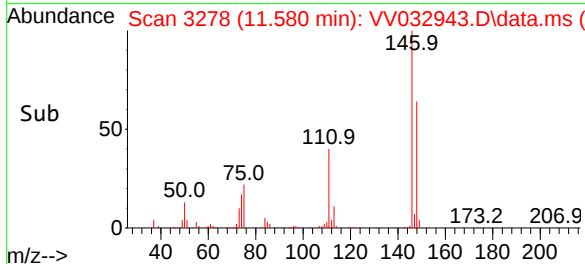
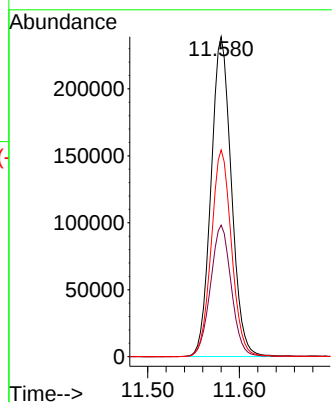
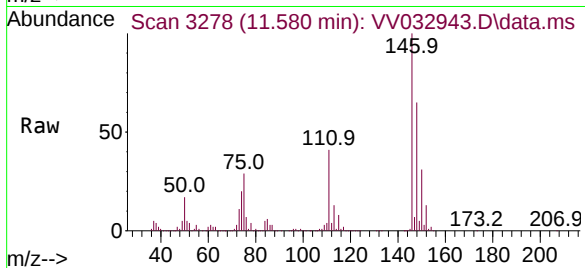
Tgt Ion:146 Resp: 366953

Ion Ratio Lower Upper

146 100

111 41.1 31.1 46.7

148 64.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.801 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

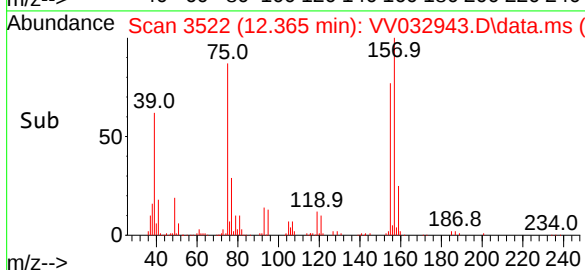
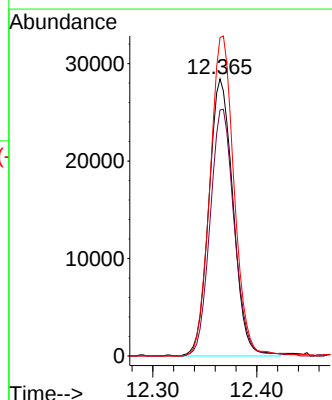
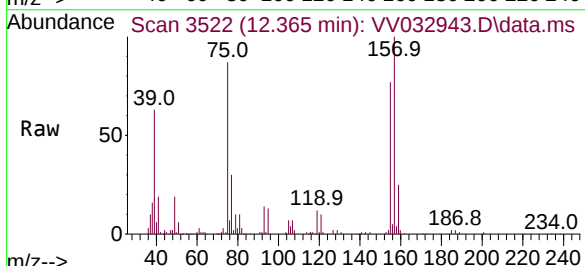
Tgt Ion: 75 Resp: 45976

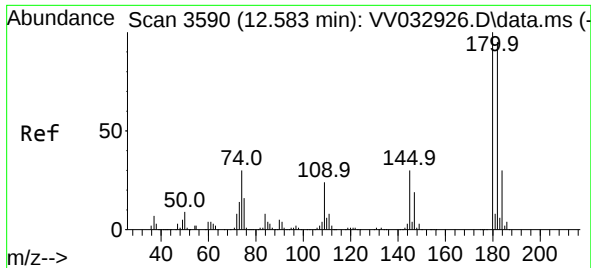
Ion Ratio Lower Upper

75 100

155 88.8 76.8 115.2

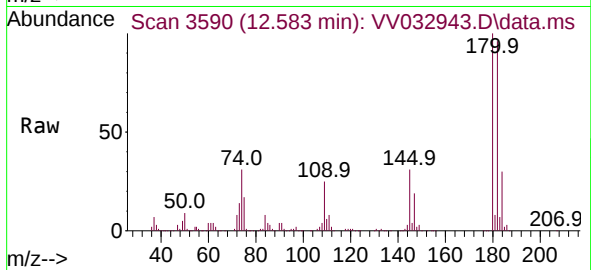
157 114.9 97.6 146.4



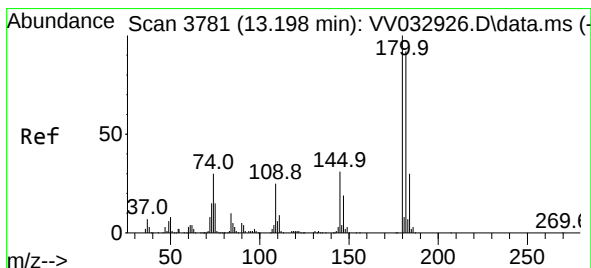
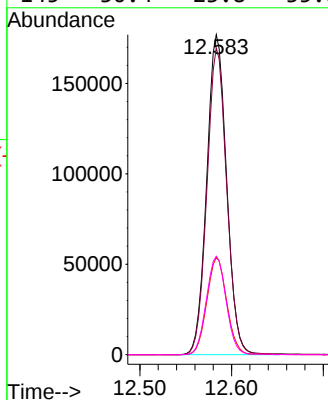
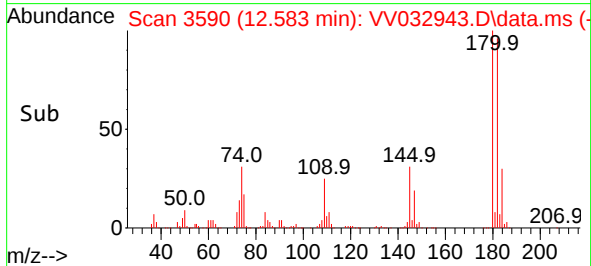


#69
 1,3,5-Trichlorobenzene
 Concen: 49.073 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032943.D
 Acq: 13 Nov 2023 20:07

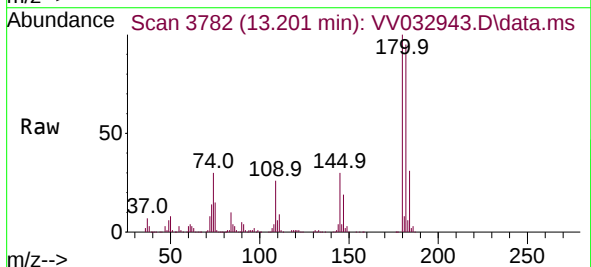
Instrument :
 MSVOA_V
 ClientSampleId :



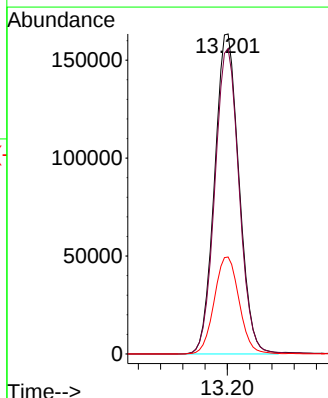
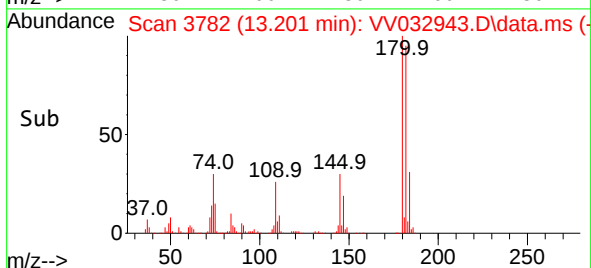
Tgt Ion:180 Resp: 267265
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 184 30.4 24.6 36.8
 145 30.4 23.8 35.8

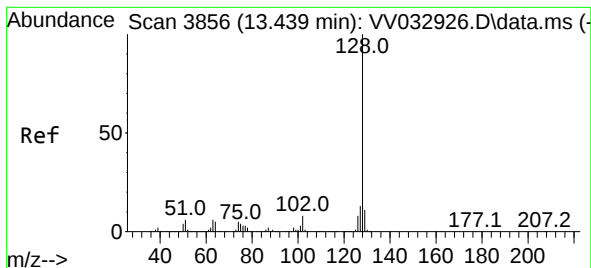


#70
 1,2,4-trichlorobenzene
 Concen: 50.908 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV032943.D
 Acq: 13 Nov 2023 20:07



Tgt Ion:180 Resp: 249054
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.4
 145 30.8 24.3 36.5





#71

Naphthalene

Concen: 54.833 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

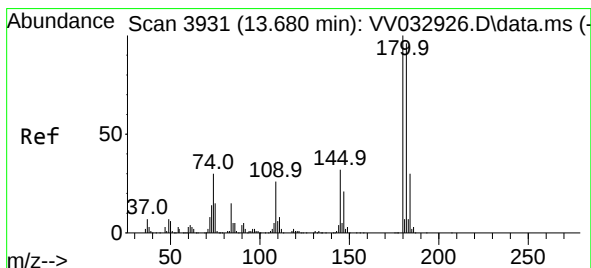
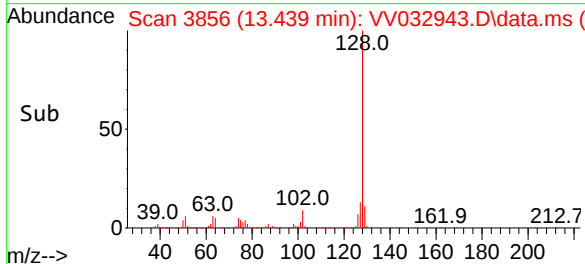
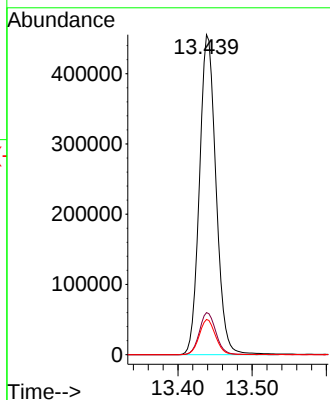
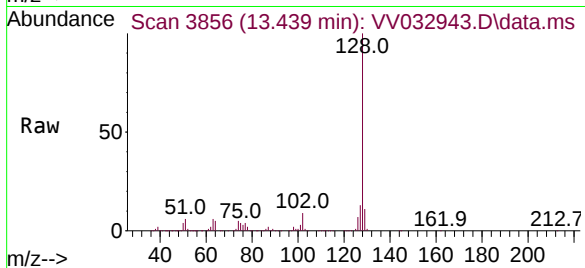
Tgt Ion:128 Resp: 704952

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 52.936 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV032943.D

Acq: 13 Nov 2023 20:07

Tgt Ion:180 Resp: 260638

Ion Ratio Lower Upper

180 100

182 93.5 76.9 115.3

145 32.4 26.1 39.1

