

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027359.D
 Acq On : 13 Aug 2022 09:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:45:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	175987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	170942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94182	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59655	3.902	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.561	69	44572	4.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.101	63	113181	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.880	46	131676	50.852	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.700%
24) Chloroform-d	4.336	84	123804	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.024	65	59334	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.040	84	243502	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.063	67	71051	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.310	98	225585	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.619	79	26616	4.928	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.085	63	95641	45.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50640	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	73578	4.526	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	94526	4.520	ug/L	100
3) Chloromethane	1.237	50	79509	3.801	ug/L	98
5) Vinyl chloride	1.304	62	79920	4.096	ug/L	96
6) Bromomethane	1.516	94	34129	3.746	ug/L	96
8) Chloroethane	1.577	64	48265	4.449	ug/L	94
9) Trichlorofluoromethane	1.745	101	114595	4.399	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	60518	4.947	ug/L	98
12) 1,1-Dichloroethene	2.111	96	54010	4.262	ug/L	92
13) Acetone	2.169	43	75673	39.546	ug/L	97
14) Carbon disulfide	2.285	76	186027	3.666	ug/L	100
15) Methyl Acetate	2.429	43	21166	4.543	ug/L	95
16) Methylene chloride	2.497	84	73754	3.624	ug/L	99
17) Methyl tert-butyl Ether	2.761	73	119143	4.028	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	63970	4.104	ug/L	98
19) 1,1-Dichloroethane	3.179	63	126243	4.230	ug/L	98
21) 2-Butanone	3.960	43	120904	46.404	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	63336	4.132	ug/L	98
23) Bromochloromethane	4.240	128	29204	4.076	ug/L	95
25) Chloroform	4.365	83	131560	4.290	ug/L	99

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Quant Time: Aug 13 21:45:01 2022
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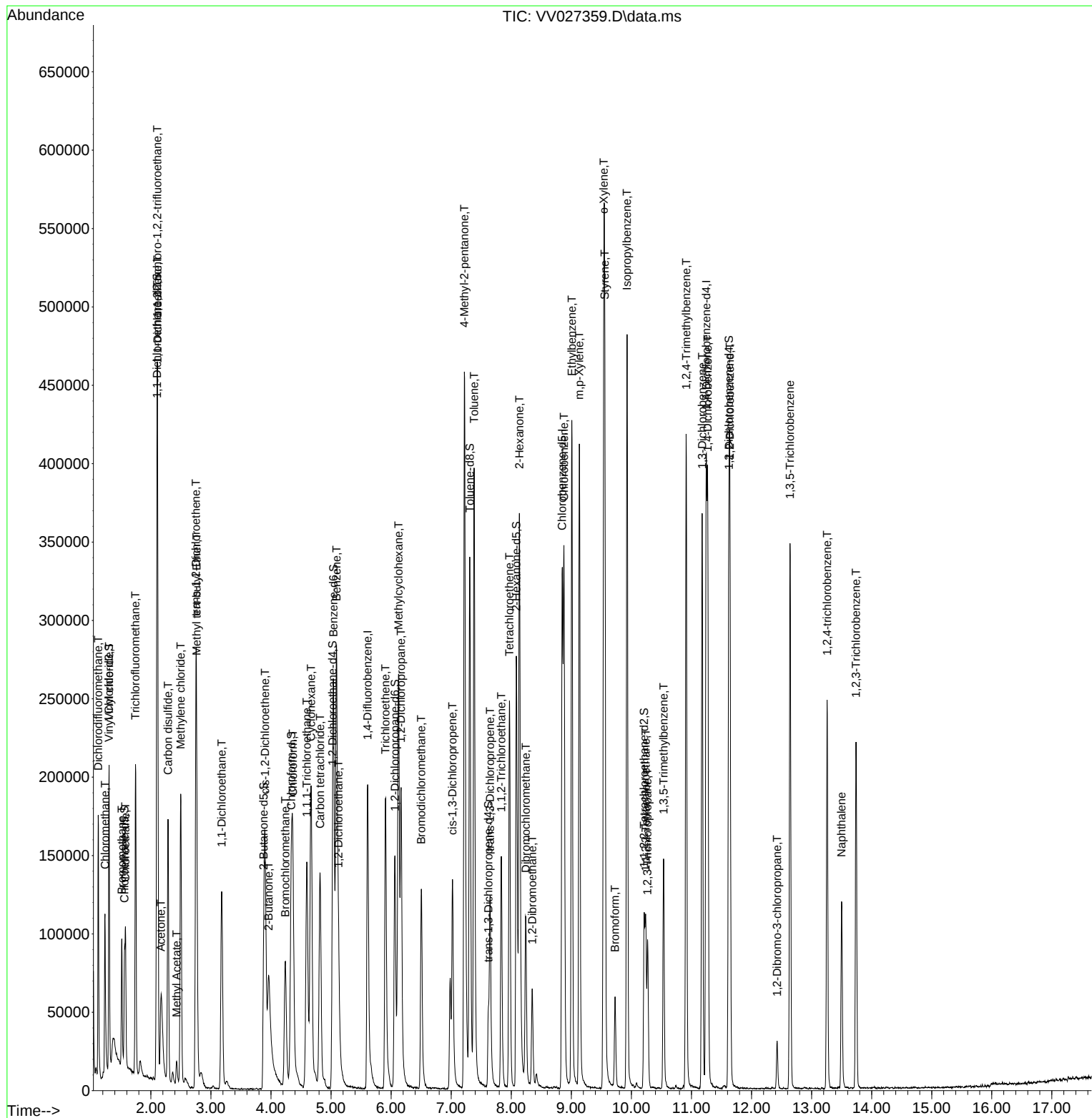
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	76577	4.370	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	116126	4.827	ug/L	99
30) Cyclohexane	4.667	56	92704	4.757	ug/L	97
31) Carbon tetrachloride	4.818	117	108152	5.166	ug/L	97
33) Benzene	5.092	78	267518	4.579	ug/L	100
34) Trichloroethene	5.905	95	69136	4.754	ug/L	96
35) Methylcyclohexane	6.124	83	102932	5.141	ug/L	97
37) 1,2-Dichloropropane	6.166	63	69372	4.804	ug/L	98
38) Bromodichloromethane	6.503	83	88221	4.740	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	84833	4.806	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	336474	45.147	ug/L	98
42) Toluene	7.381	91	292198	5.013	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	71934	4.658	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	46848	4.550	ug/L	98
47) Tetrachloroethene	7.969	164	56373	4.936	ug/L	98
48) 2-Hexanone	8.137	43	246662	46.121	ug/L	100
49) Dibromochloromethane	8.243	129	54160	4.494	ug/L	96
50) 1,2-Dibromoethane	8.349	107	41401	4.523	ug/L	100
51) Chlorobenzene	8.876	112	180797	4.762	ug/L	99
52) Ethylbenzene	9.008	91	288430	4.924	ug/L	100
53) m,p-Xylene	9.133	106	112831	5.051	ug/L	100
54) o-Xylene	9.542	106	108131	4.949	ug/L	96
55) Styrene	9.558	104	190398	5.068	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	52105	4.540	ug/L	98
59) Bromoform	9.728	173	25683	4.044	ug/L	99
60) Isopropylbenzene	9.928	105	289464	4.880	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	36573	4.032	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	74834	4.564	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	217725	4.632	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	141025	4.758	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	143719	4.818	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	128049	4.639	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7312	3.859	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	100085	4.683	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70260	4.399	ug/L	99
71) Naphthalene	13.500	128	92478	3.747	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	63407	4.259	ug/L	98

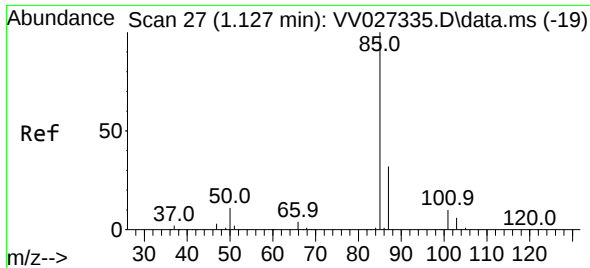
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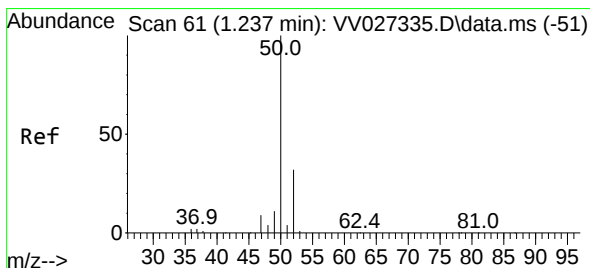
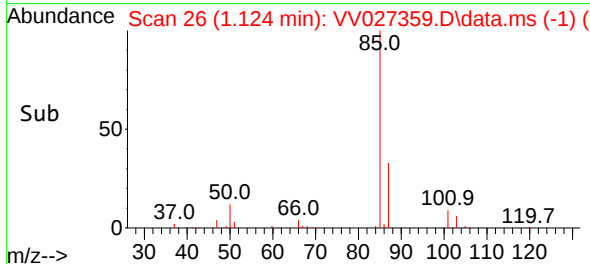
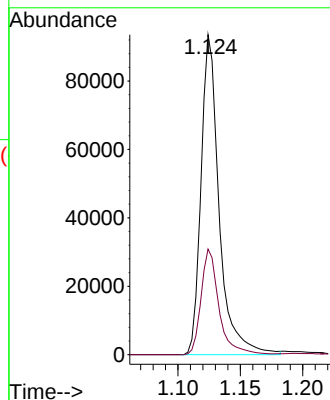
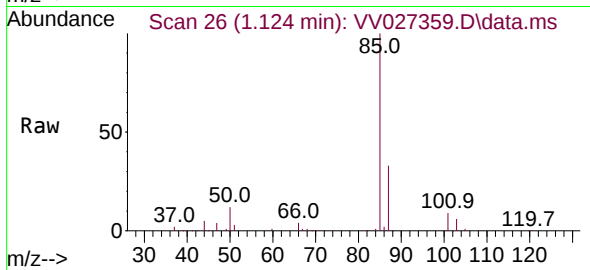




#2
 Dichlorodifluoromethane
 Concen: 4.520 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

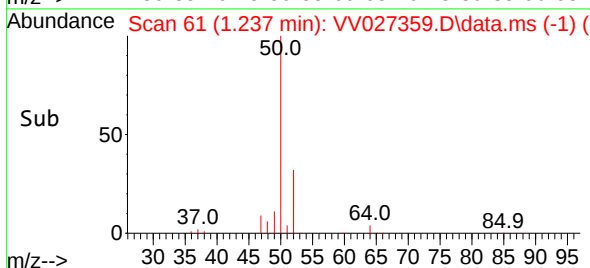
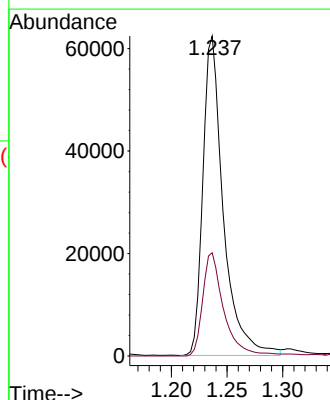
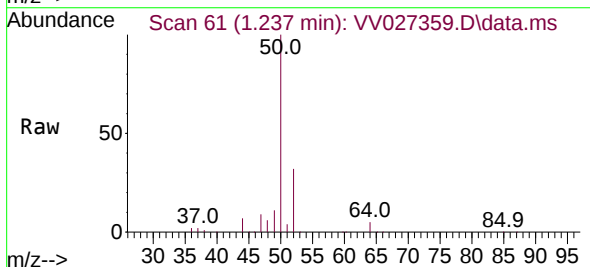
Instrument :
 MSVOA_V
 ClientSampleId :

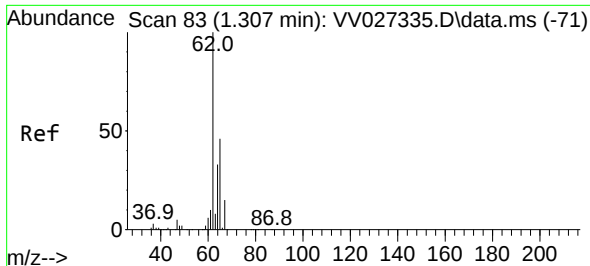
Tgt Ion: 85 Resp: 94526
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 3.801 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

Tgt Ion: 50 Resp: 79509
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.4 43.4

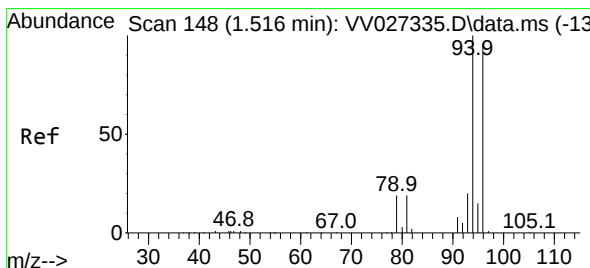
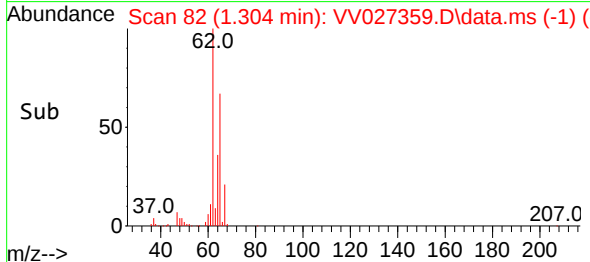
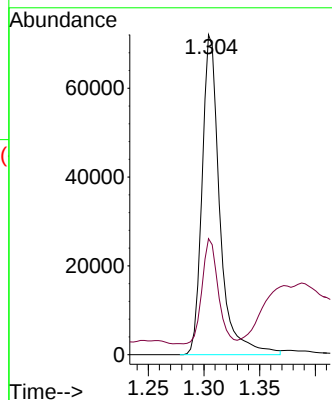
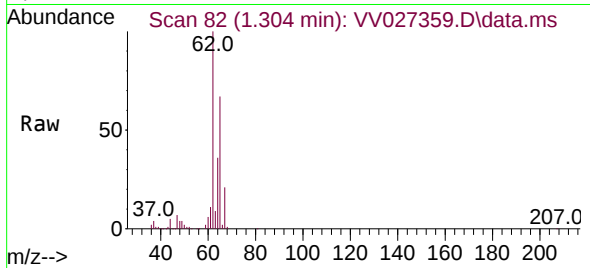




#5
 Vinyl chloride
 Concen: 4.096 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

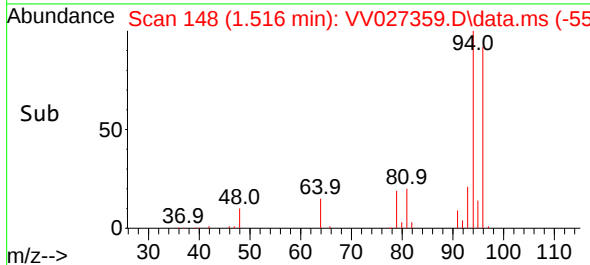
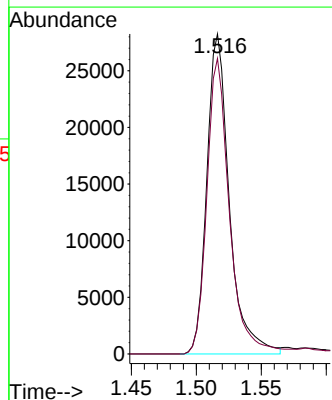
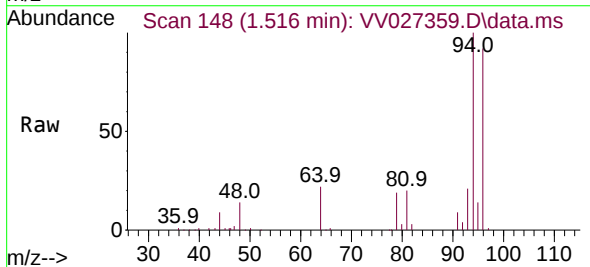
Instrument :
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 ClientSampleId :

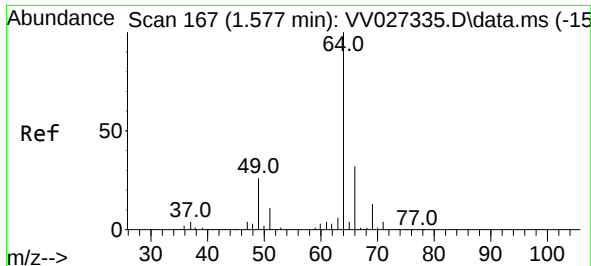
Tgt Ion: 62 Resp: 79920
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.7 44.1



#6
 Bromomethane
 Concen: 3.746 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

Tgt Ion: 94 Resp: 34129
 Ion Ratio Lower Upper
 94 100
 96 92.4 67.2 124.8

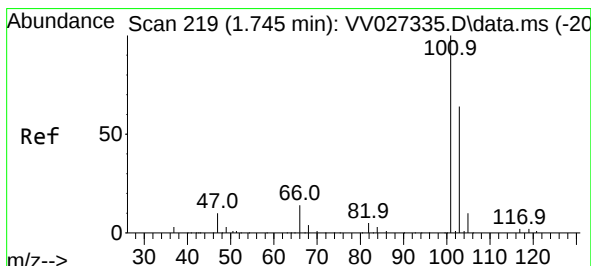
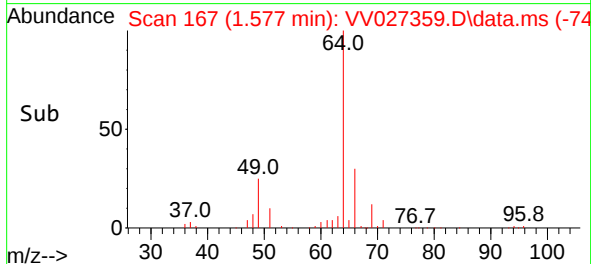
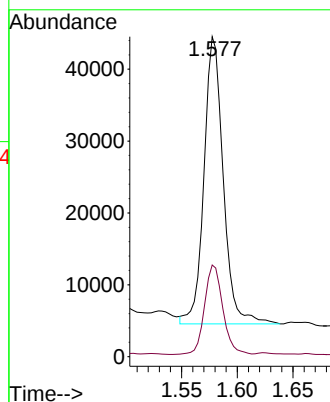
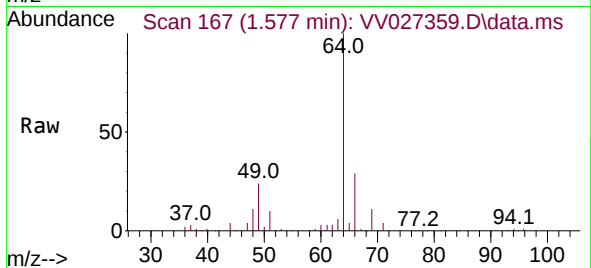




#8
Chloroethane
Concen: 4.449 ug/L
RT: 1.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

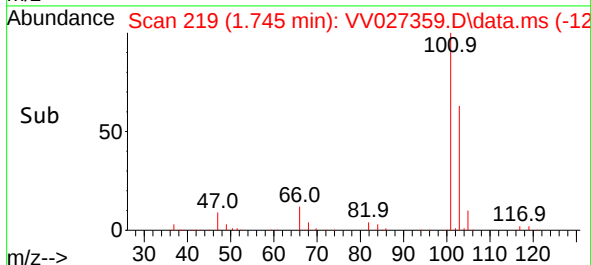
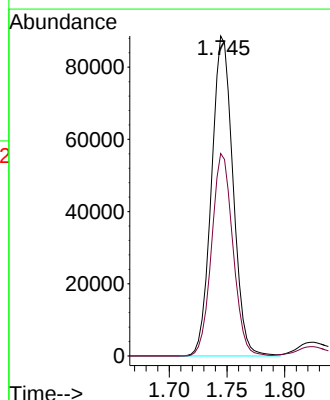
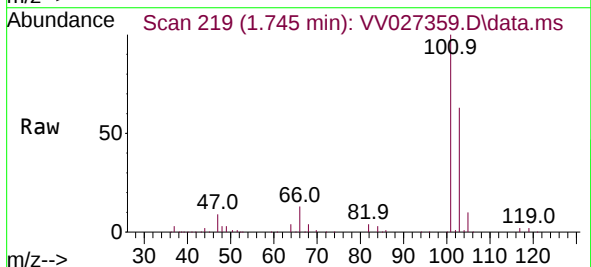
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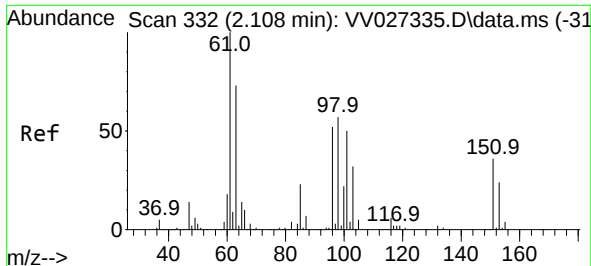
Tgt Ion: 64 Resp: 48265
Ion Ratio Lower Upper
64 100
66 28.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.399 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion:101 Resp: 114595
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0





#10

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

Concen: 4.947 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

ClientSampleId :

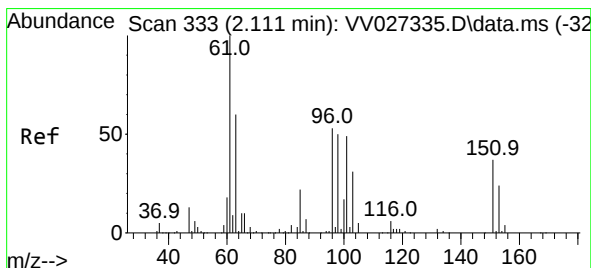
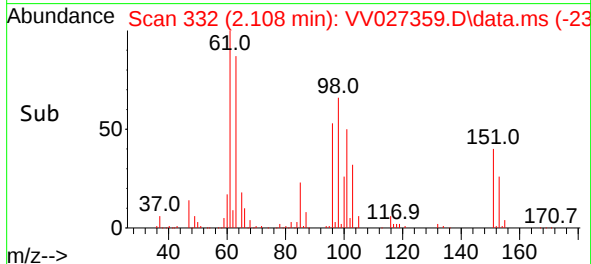
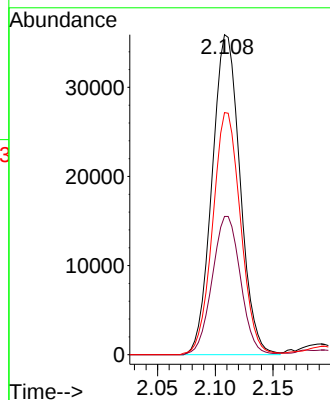
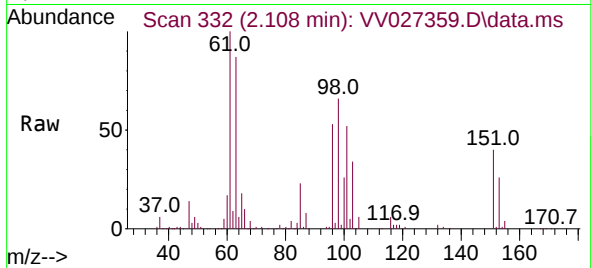
Tgt Ion:101 Resp: 60518

Ion Ratio Lower Upper

101 100

85 43.6 36.2 54.4

151 75.5 62.0 93.0



#12

1,1-Dichloroethene

Concen: 4.262 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

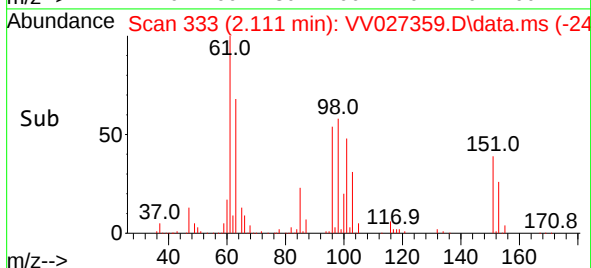
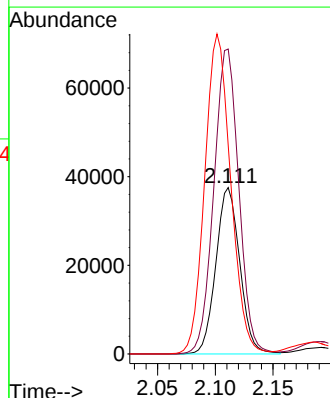
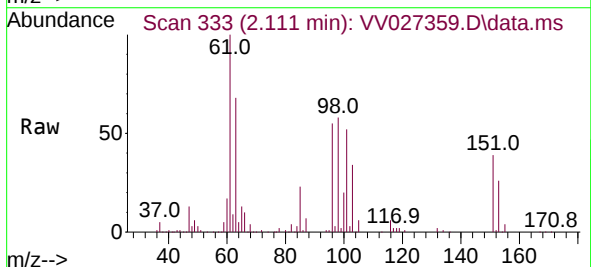
Tgt Ion: 96 Resp: 54010

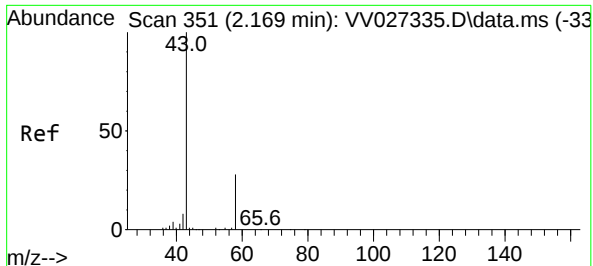
Ion Ratio Lower Upper

96 100

61 183.3 130.7 242.7

63 125.5 101.4 188.2





#13

Acetone

Concen: 39.546 ug/L

RT: 2.169 min Scan# 351

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

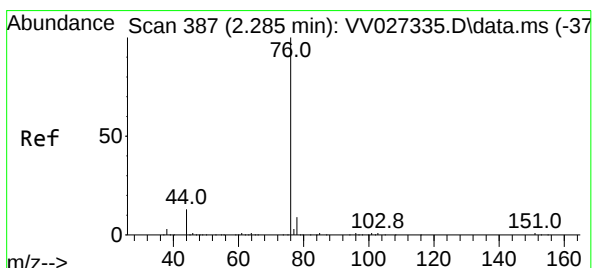
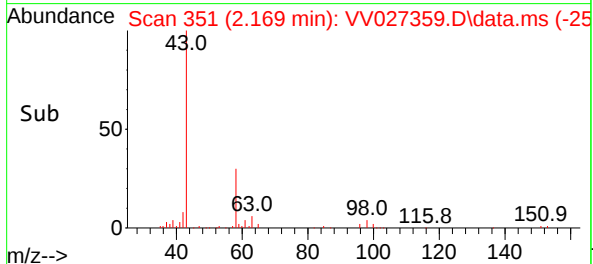
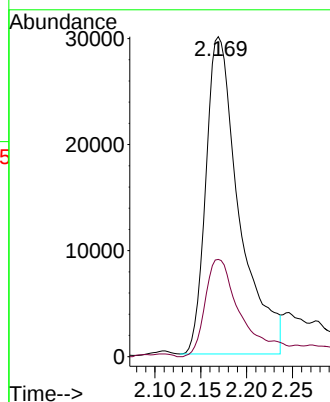
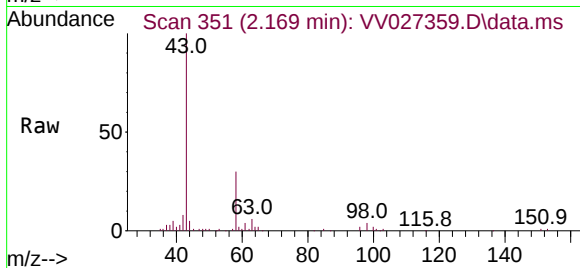
ClientSampleId :

Tgt Ion: 43 Resp: 75673

Ion Ratio Lower Upper

43 100

58 33.2 0.0 63.2



#14

Carbon disulfide

Concen: 3.666 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

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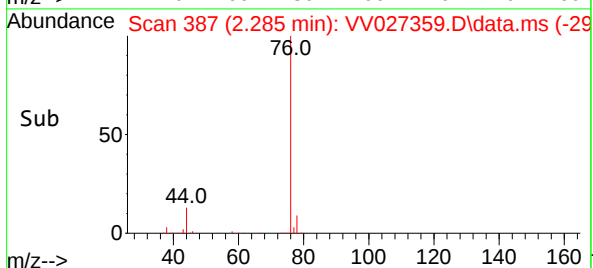
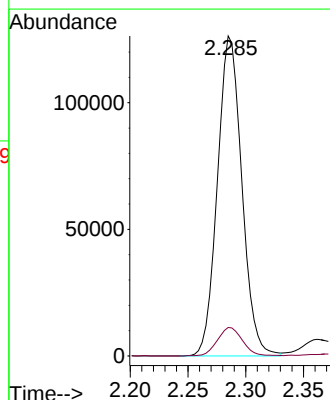
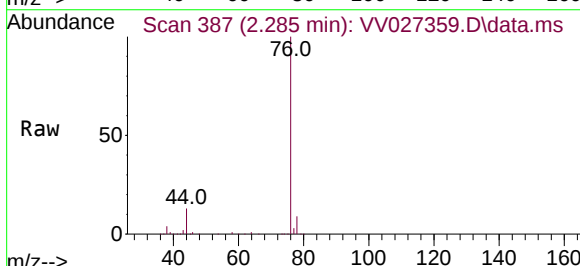
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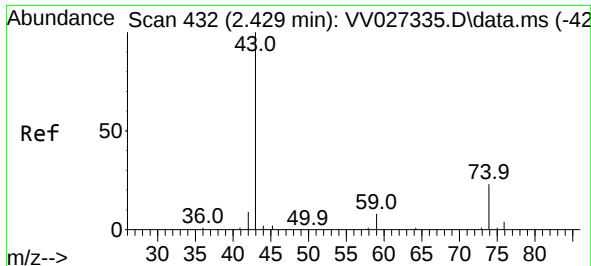
Tgt Ion: 76 Resp: 186027

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

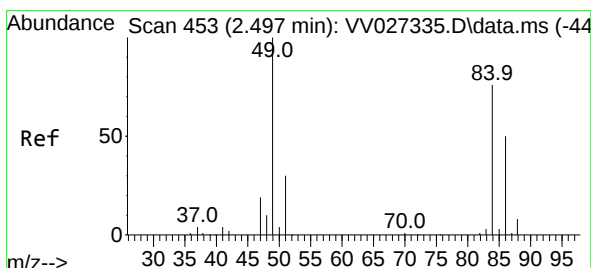
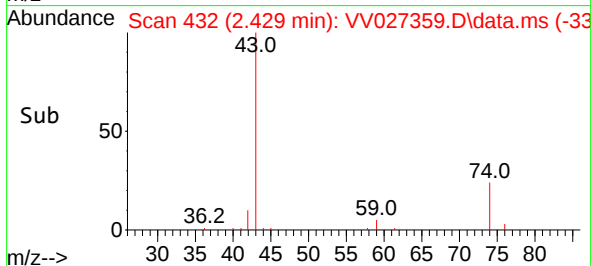
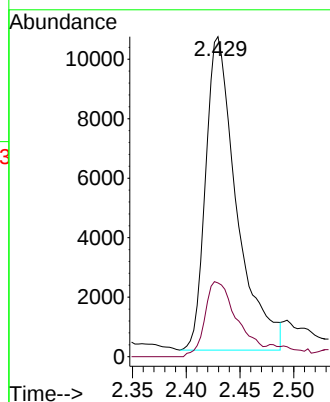
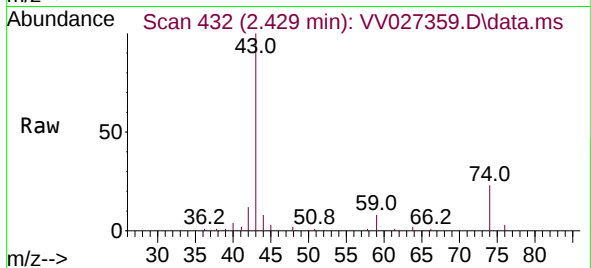




#15
Methyl Acetate
Concen: 4.543 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

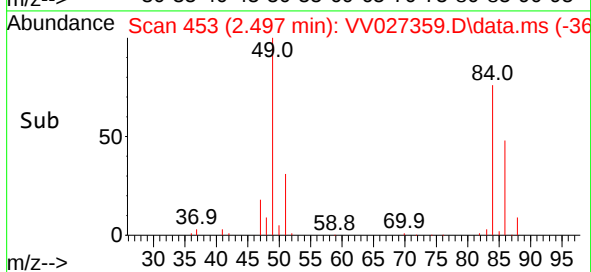
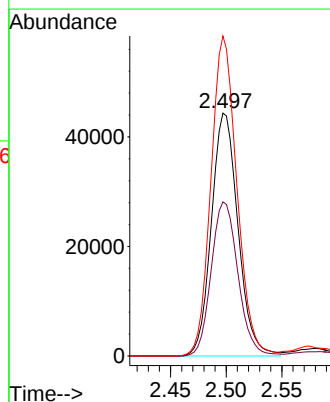
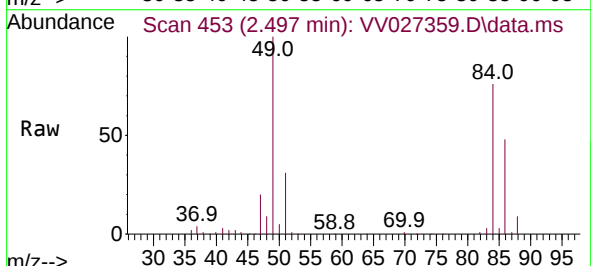
Instrument :
MSVOA_V
ClientSampleId :

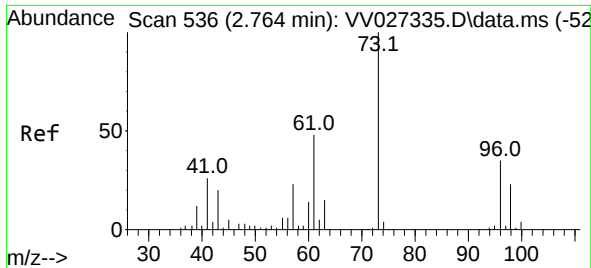
Tgt Ion: 43 Resp: 21166
Ion Ratio Lower Upper
43 100
74 24.8 21.8 32.8



#16
Methylene chloride
Concen: 3.624 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion: 84 Resp: 73754
Ion Ratio Lower Upper
84 100
86 63.5 45.1 83.9
49 131.7 91.2 169.4

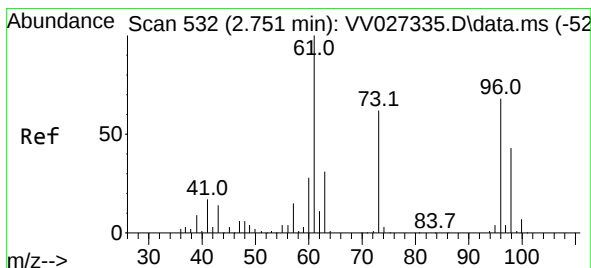
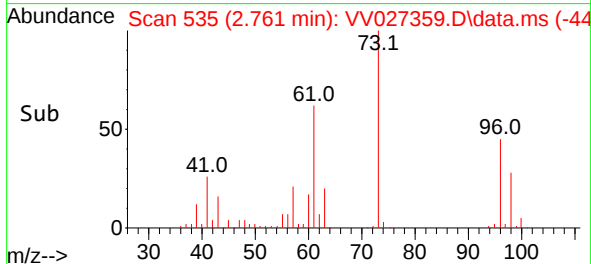
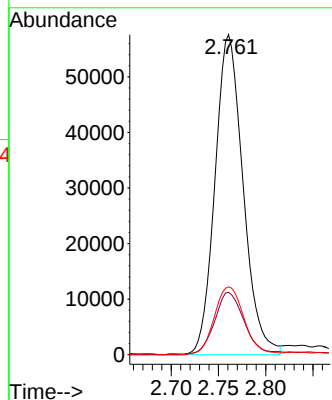
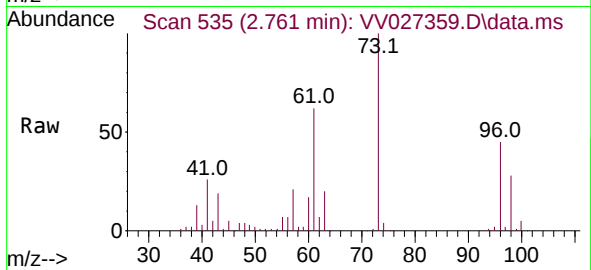




#17
Methyl tert-butyl Ether
Concen: 4.028 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

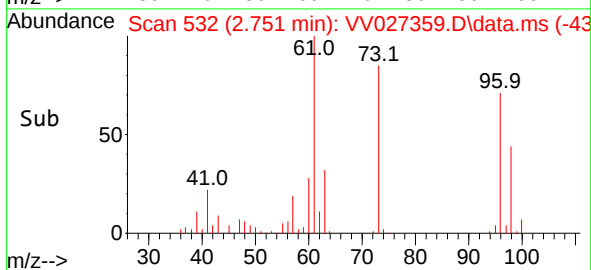
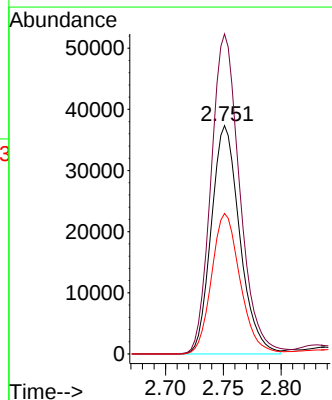
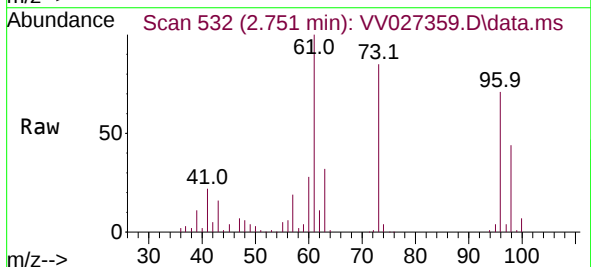
Instrument :
MSVOA_V
ClientSampleId :

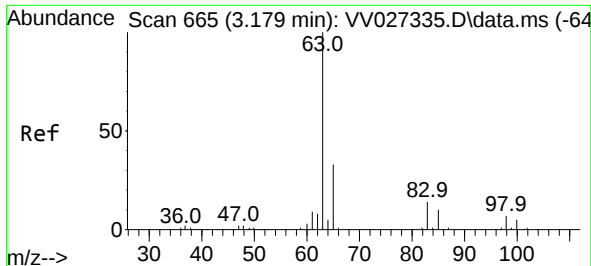
Tgt Ion: 73 Resp: 119143
Ion Ratio Lower Upper
73 100
43 20.4 15.8 23.8
57 22.4 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.104 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion: 96 Resp: 63970
Ion Ratio Lower Upper
96 100
61 140.2 99.6 185.0
98 61.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.230 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

ClientSampleId :

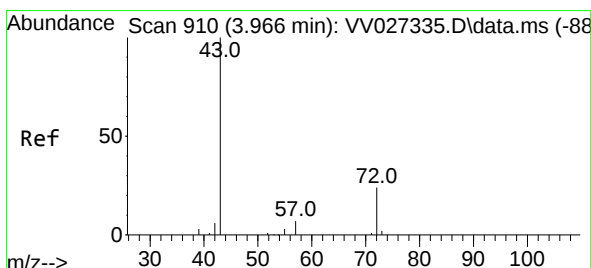
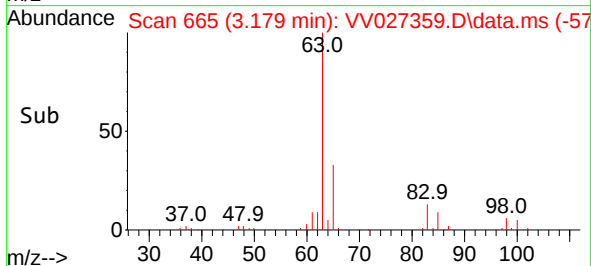
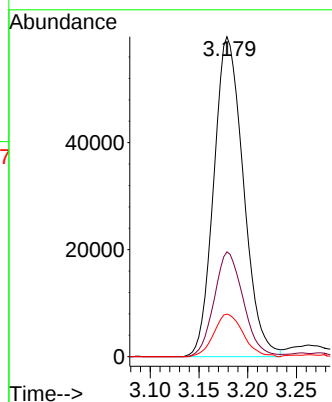
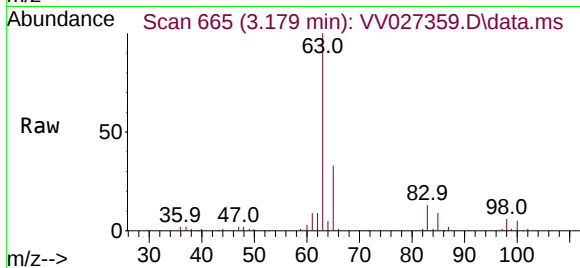
Tgt Ion: 63 Resp: 126243

Ion Ratio Lower Upper

63 100

65 32.7 21.6 40.2

83 13.3 9.3 17.3



#21

2-Butanone

Concen: 46.404 ug/L

RT: 3.960 min Scan# 908

Delta R.T. -0.006 min

Lab File: VV027359.D

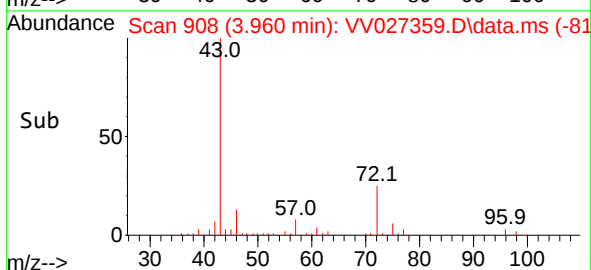
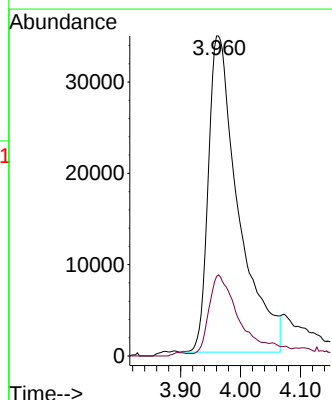
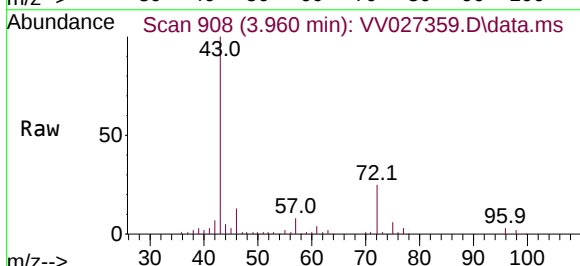
Acq: 13 Aug 2022 09:09

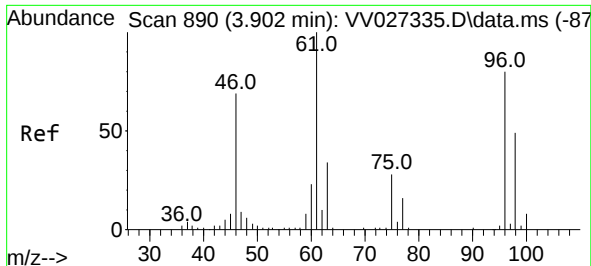
Tgt Ion: 43 Resp: 120904

Ion Ratio Lower Upper

43 100

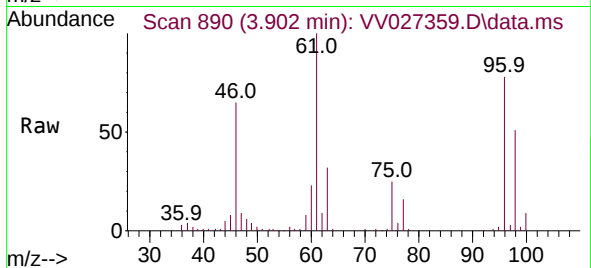
72 23.5 12.9 38.6





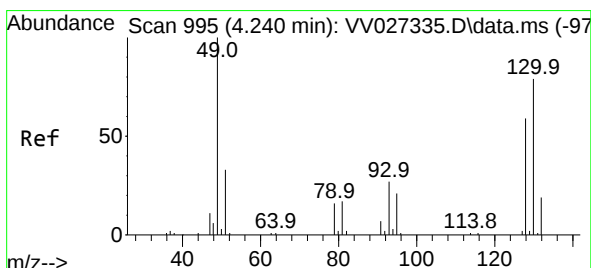
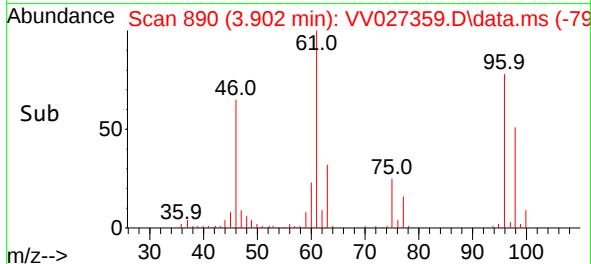
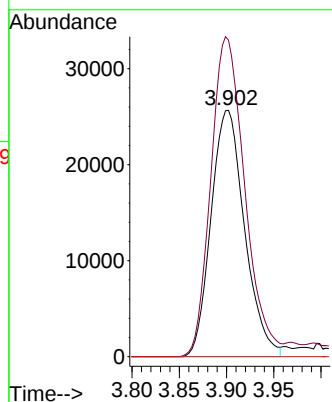
#22
 cis-1,2-Dichloroethene
 Concen: 4.132 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 63336

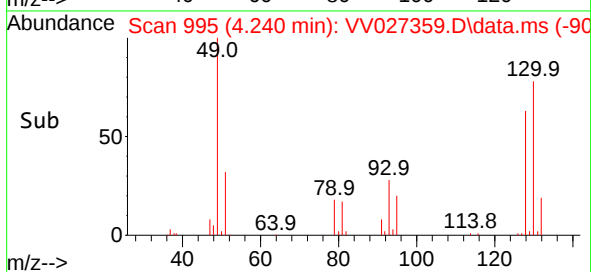
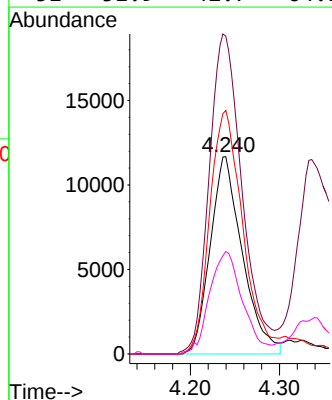
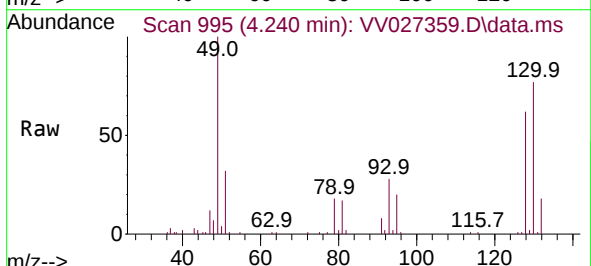
Ion	Ratio	Lower	Upper
96	100		
61	128.4	91.3	169.5
68	0.0	0.0	0.0

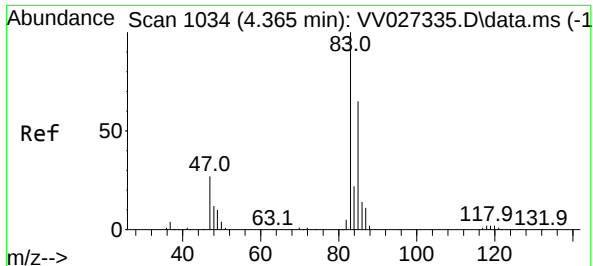


#23
 Bromochloromethane
 Concen: 4.076 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

Tgt Ion: 128 Resp: 29204

Ion	Ratio	Lower	Upper
128	100		
49	161.0	118.5	220.1
130	123.4	90.3	167.7
51	51.9	42.7	64.1





#25

Chloroform

Concen: 4.290 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

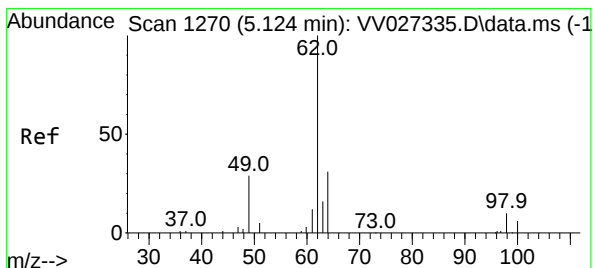
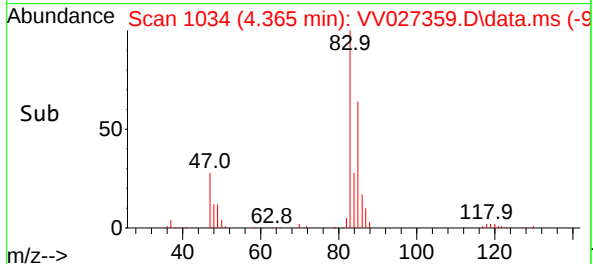
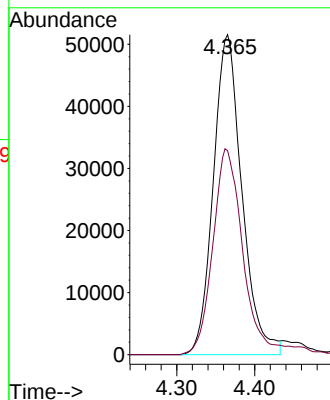
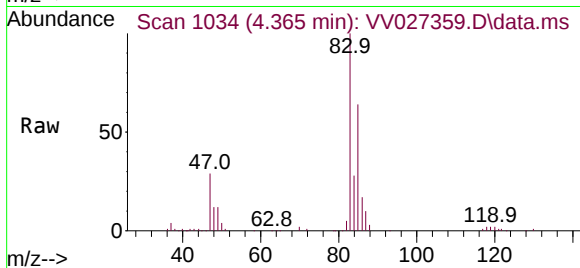
ClientSampleId :

Tgt Ion: 83 Resp: 131560

Ion Ratio Lower Upper

83 100

85 63.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.370 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV027359.D

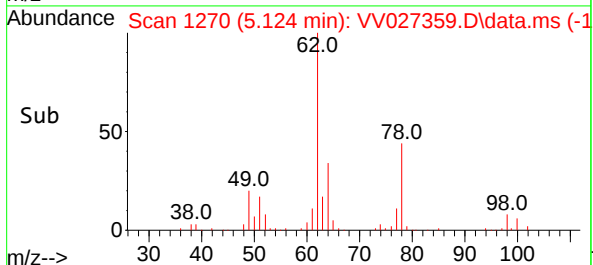
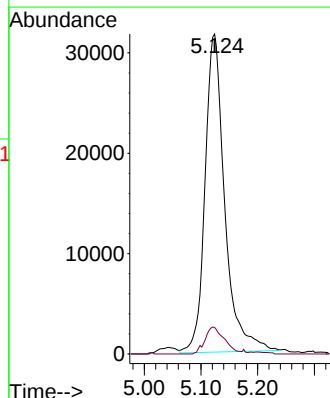
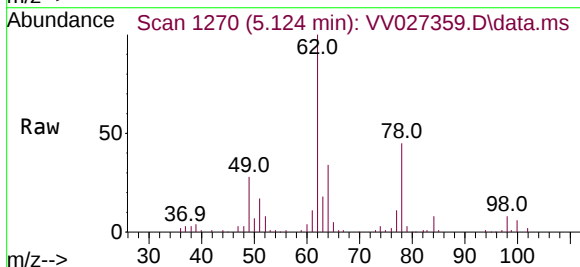
Acq: 13 Aug 2022 09:09

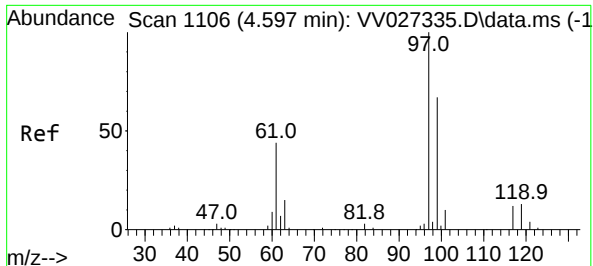
Tgt Ion: 62 Resp: 76577

Ion Ratio Lower Upper

62 100

98 8.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.827 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

ClientSampleId :

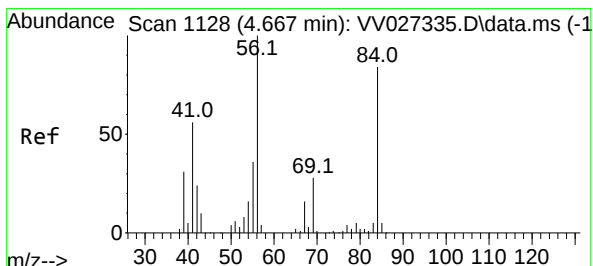
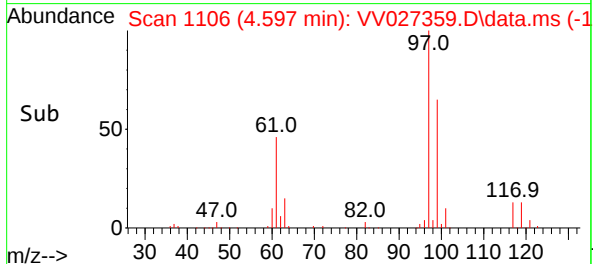
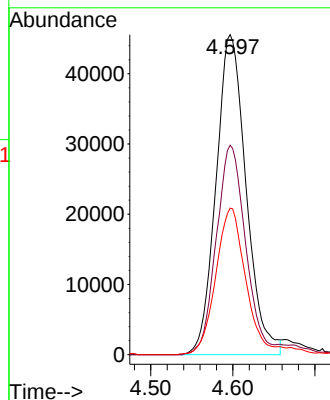
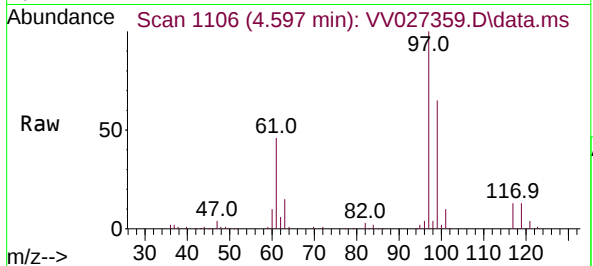
Tgt Ion: 97 Resp: 116126

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 47.4 36.5 54.7



#30

Cyclohexane

Concen: 4.757 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

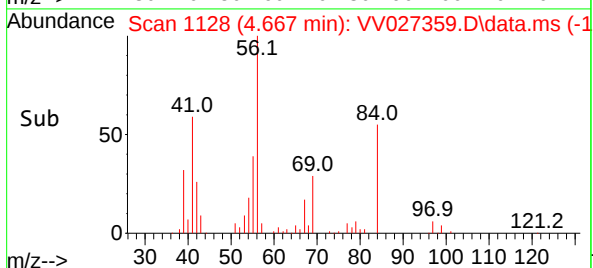
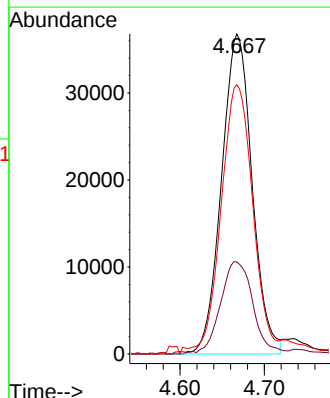
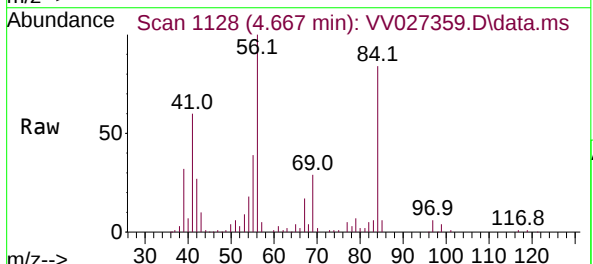
Tgt Ion: 56 Resp: 92704

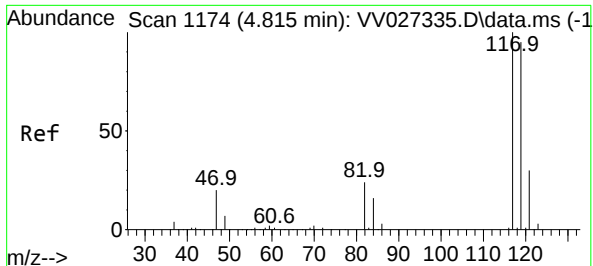
Ion Ratio Lower Upper

56 100

69 29.6 24.0 36.0

84 82.4 69.1 103.7

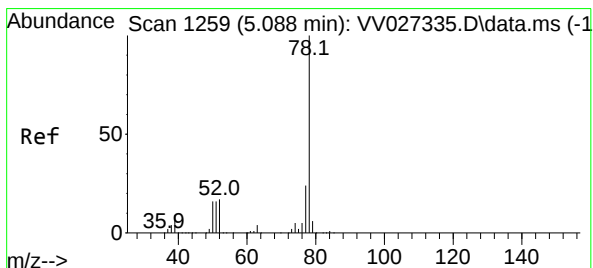
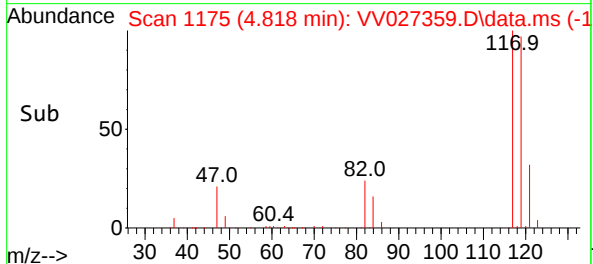
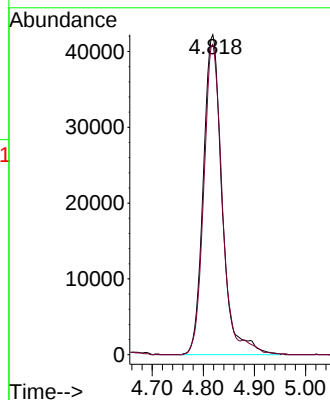
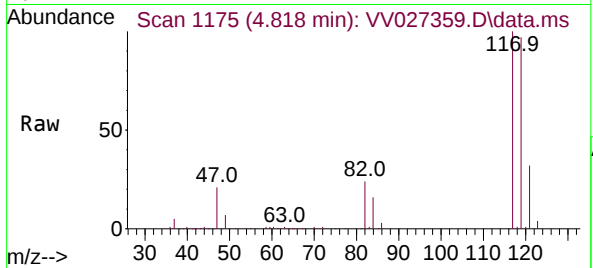




#31
Carbon tetrachloride
Concen: 5.166 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

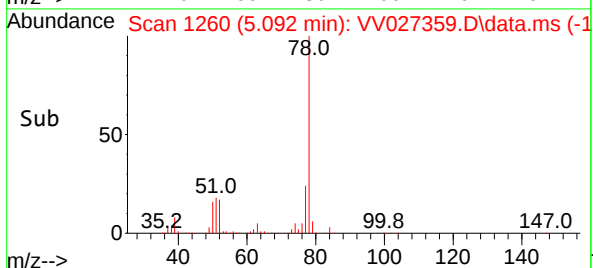
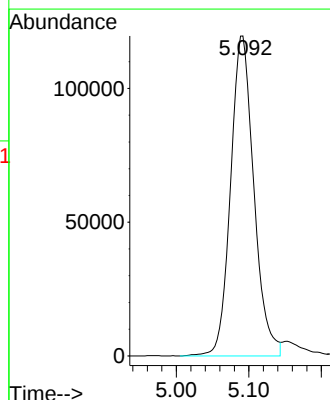
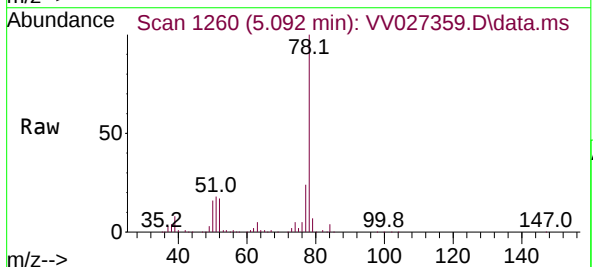
Instrument :
MSVOA_V
ClientSampleId :

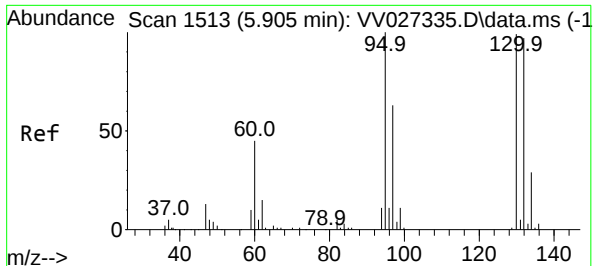
Tgt Ion:117 Resp: 108152
Ion Ratio Lower Upper
117 100
119 92.4 76.6 115.0



#33
Benzene
Concen: 4.579 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion: 78 Resp: 267518

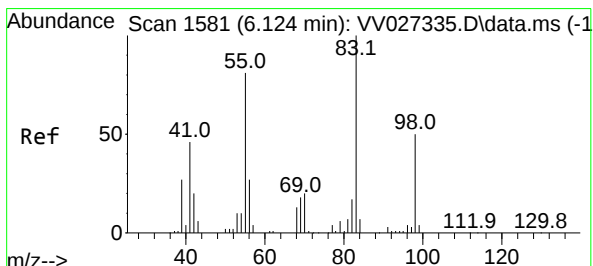
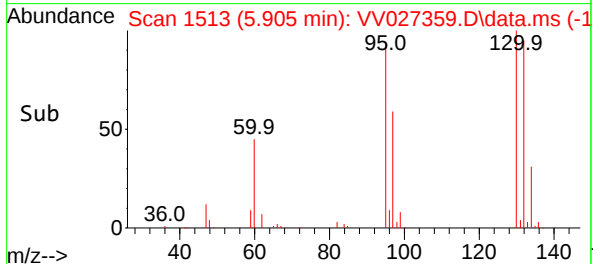
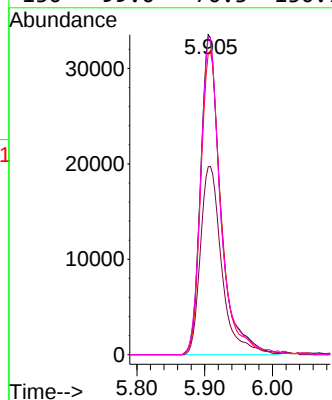
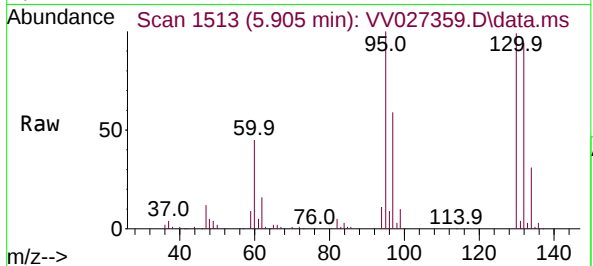




#34
Trichloroethene
Concen: 4.754 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

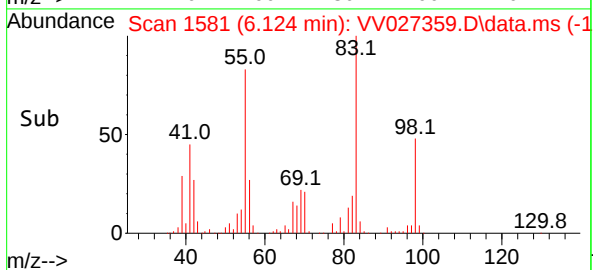
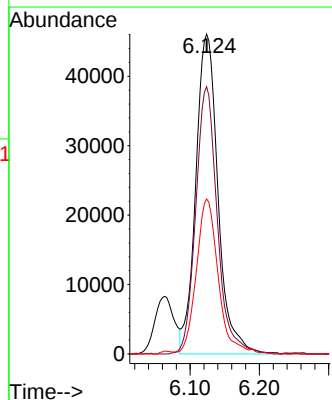
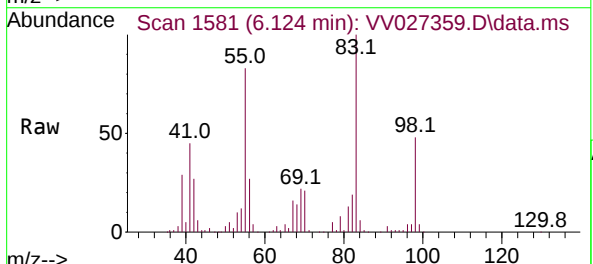
Instrument :
MSVOA_V
ClientSampleId :

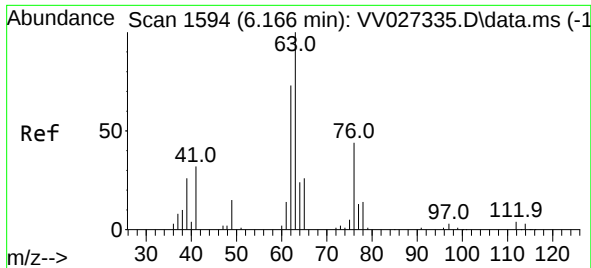
Tgt Ion: 95 Resp: 69136
Ion Ratio Lower Upper
95 100
97 58.7 45.5 84.5
132 94.0 68.2 126.6
130 99.0 70.3 130.7



#35
Methylcyclohexane
Concen: 5.141 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion: 83 Resp: 102932
Ion Ratio Lower Upper
83 100
55 81.2 67.0 100.6
98 45.5 38.7 58.1





#37

1,2-Dichloropropane

Concen: 4.804 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

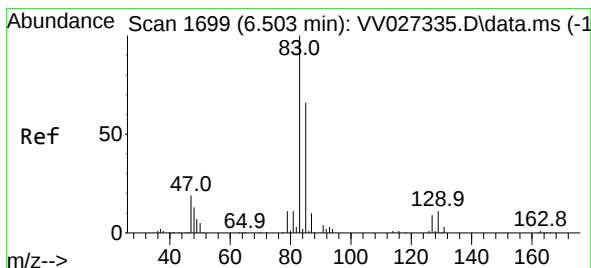
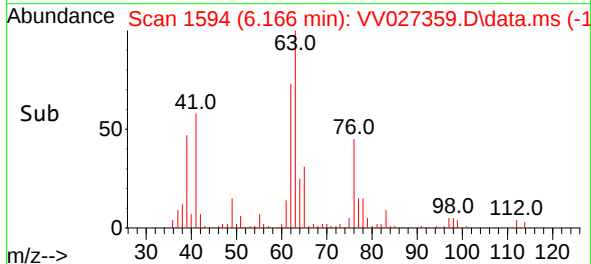
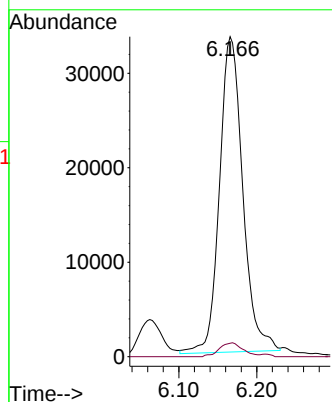
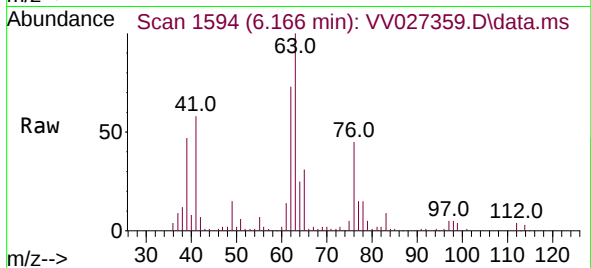
ClientSampleId :

Tgt Ion: 63 Resp: 69372

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 4.740 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

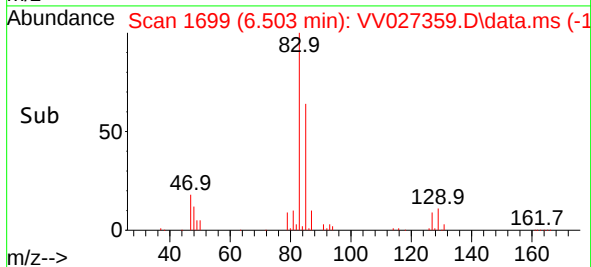
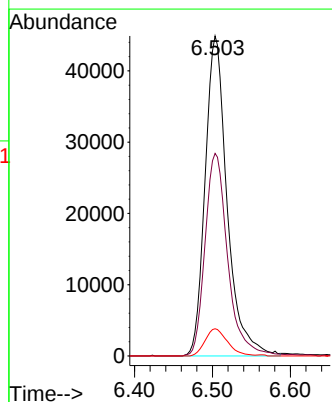
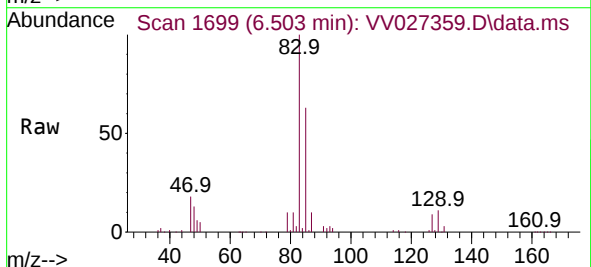
Tgt Ion: 83 Resp: 88221

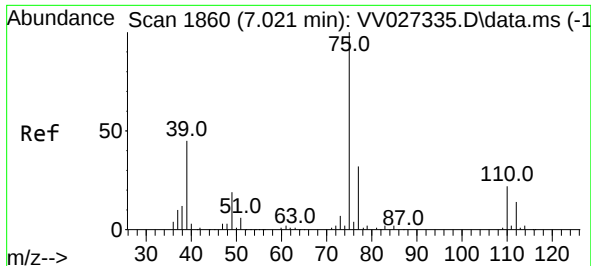
Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.4

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.806 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

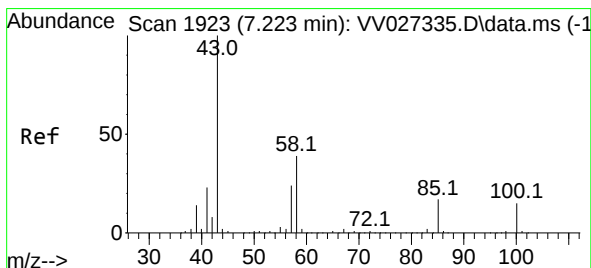
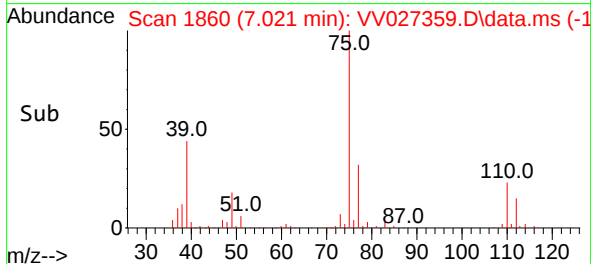
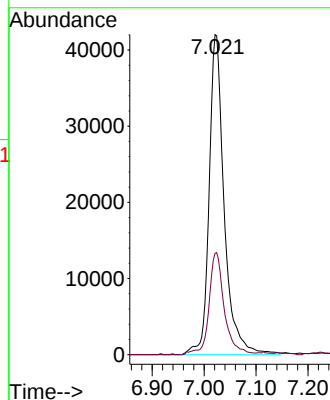
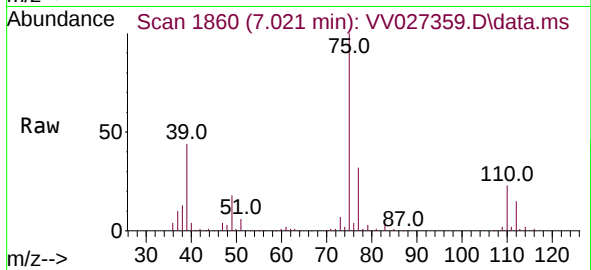
ClientSampleId :

Tgt Ion: 75 Resp: 84833

Ion Ratio Lower Upper

75 100

77 31.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 45.147 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

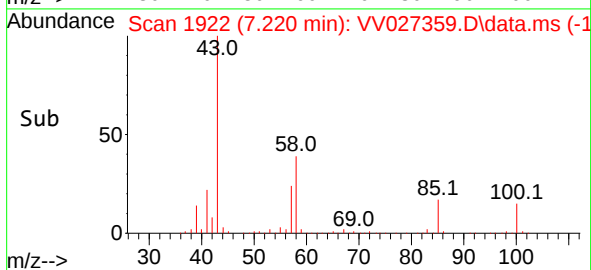
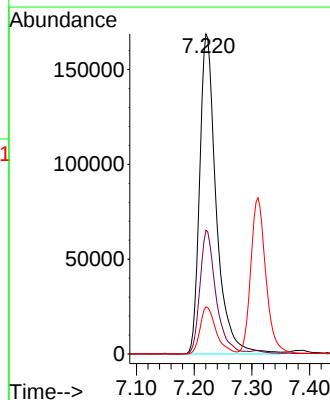
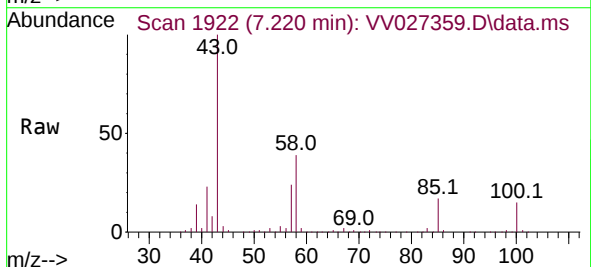
Tgt Ion: 43 Resp: 336474

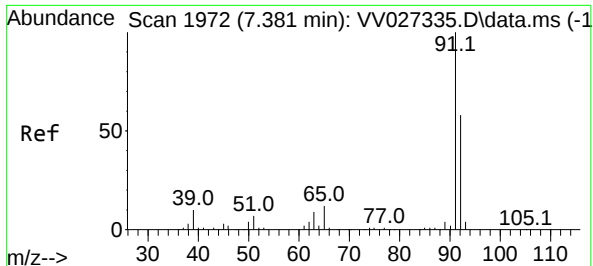
Ion Ratio Lower Upper

43 100

58 37.6 31.0 46.4

100 14.3 10.9 16.3

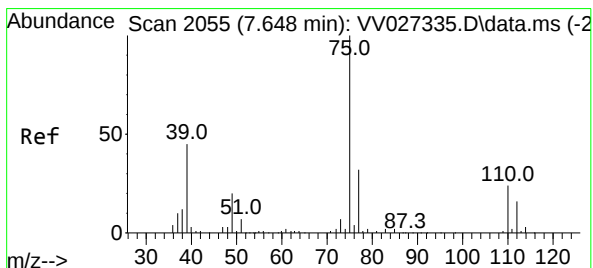
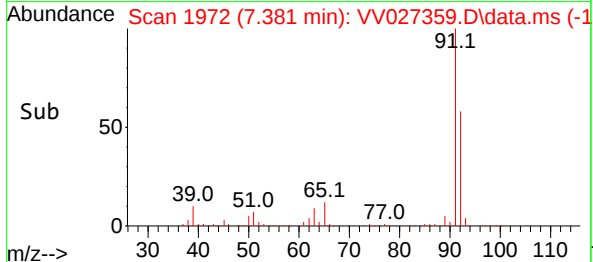
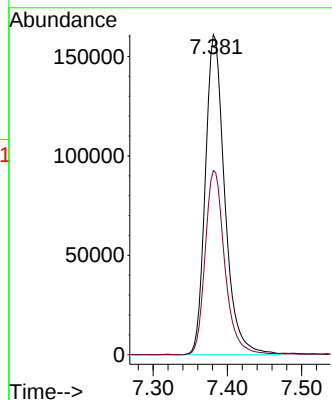
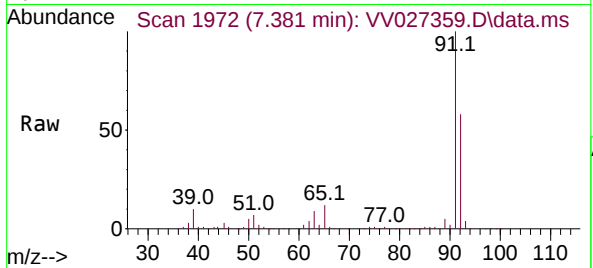




#42
Toluene
Concen: 5.013 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

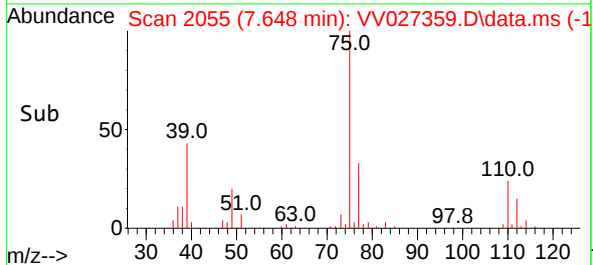
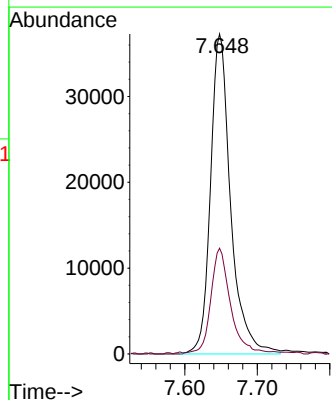
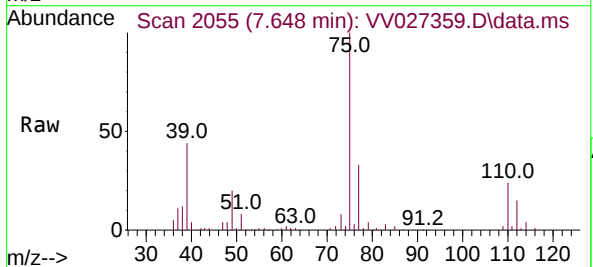
Instrument :
MSVOA_V
ClientSampleId :

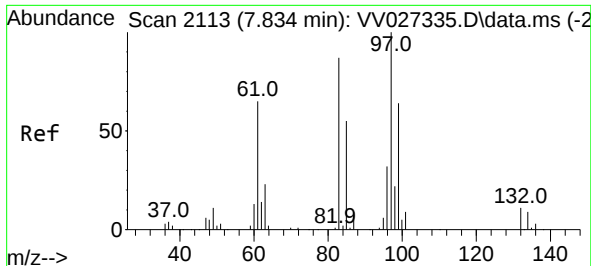
Tgt Ion: 91 Resp: 292198
Ion Ratio Lower Upper
91 100
92 57.6 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 4.658 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion: 75 Resp: 71934
Ion Ratio Lower Upper
75 100
77 33.0 21.9 40.7



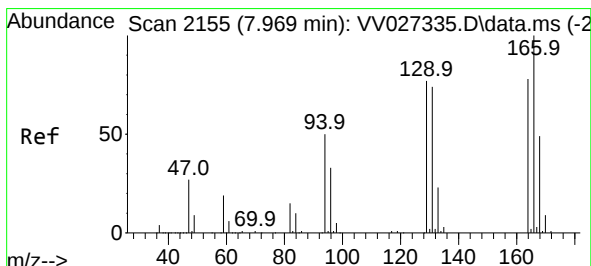
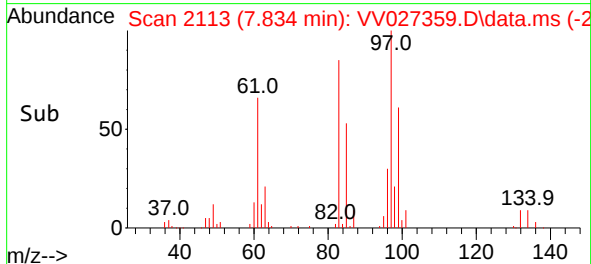
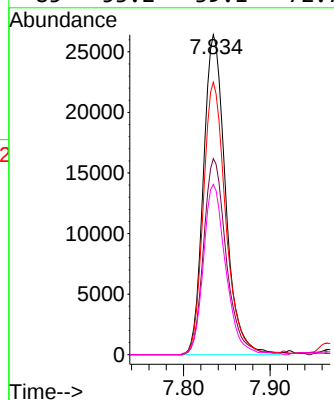
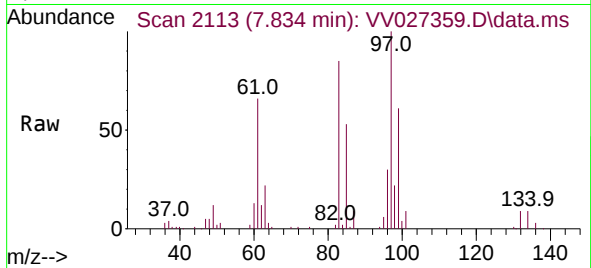


#45
1,1,2-Trichloroethane
Concen: 4.550 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 46848

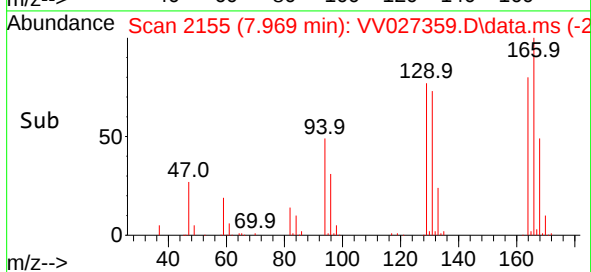
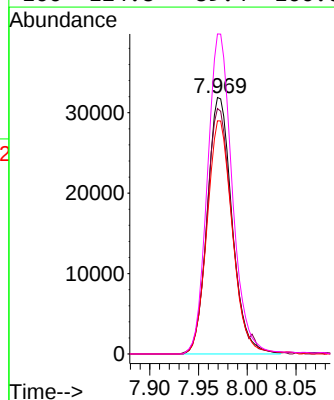
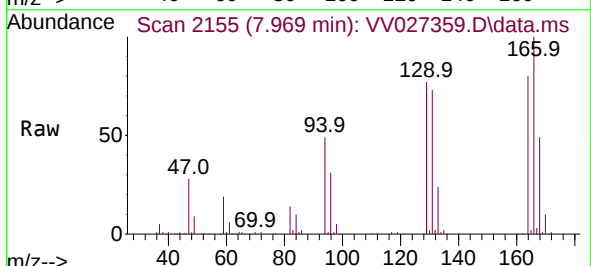
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.7	81.1
83	85.2	59.8	111.0
85	53.2	39.1	72.7

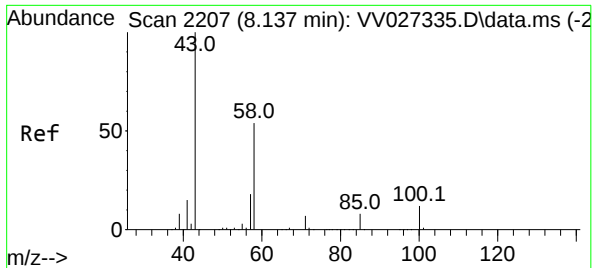


#47
Tetrachloroethene
Concen: 4.936 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion: 164 Resp: 56373

Ion	Ratio	Lower	Upper
164	100		
129	95.7	69.0	128.1
131	90.9	64.7	120.1
166	124.8	89.4	166.0

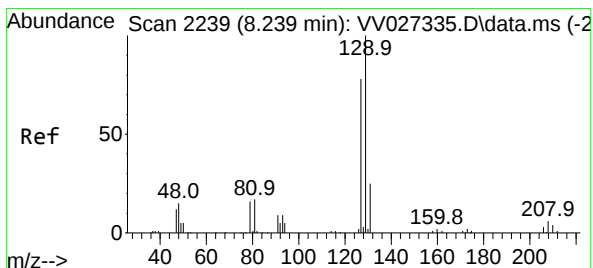
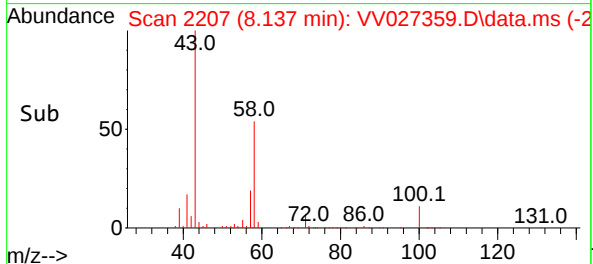
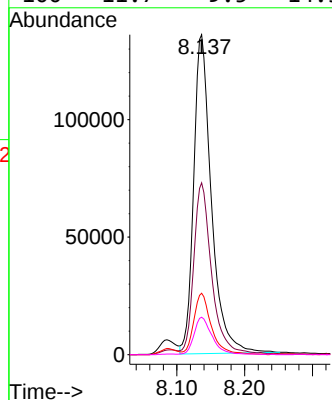
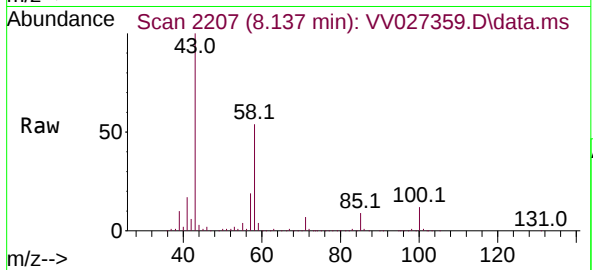




#48
2-Hexanone
Concen: 46.121 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

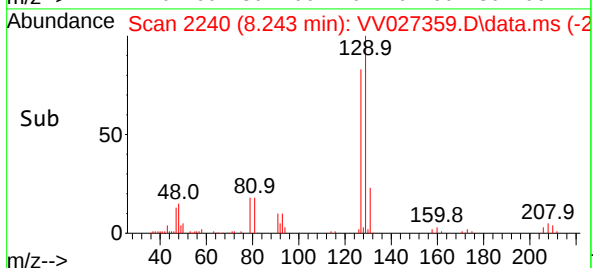
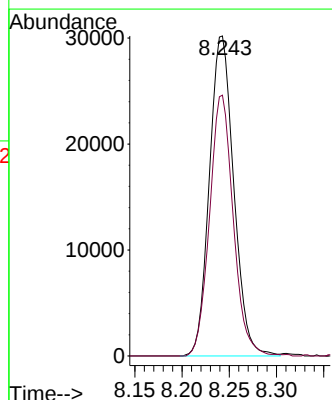
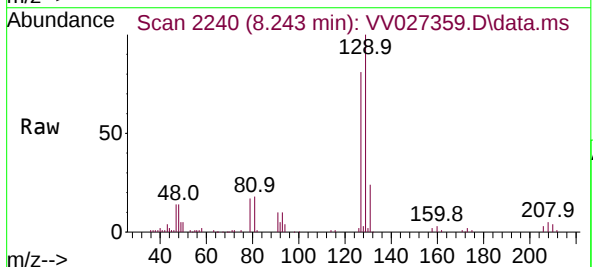
Instrument :
MSVOA_V
ClientSampleId :

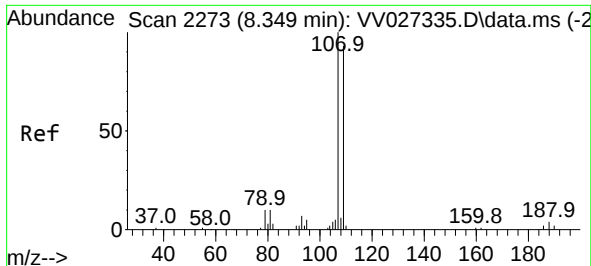
Tgt Ion: 43 Resp: 246662
Ion Ratio Lower Upper
43 100
58 53.7 42.8 64.2
57 19.3 15.2 22.8
100 11.7 9.5 14.3



#49
Dibromochloromethane
Concen: 4.494 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

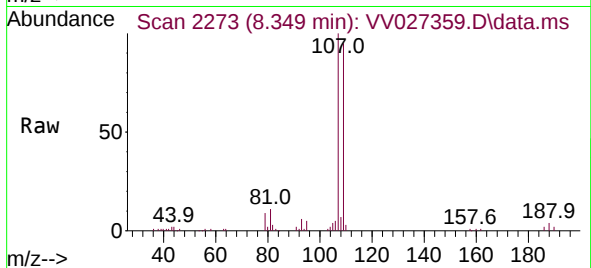
Tgt Ion: 129 Resp: 54160
Ion Ratio Lower Upper
129 100
127 81.5 54.5 101.3





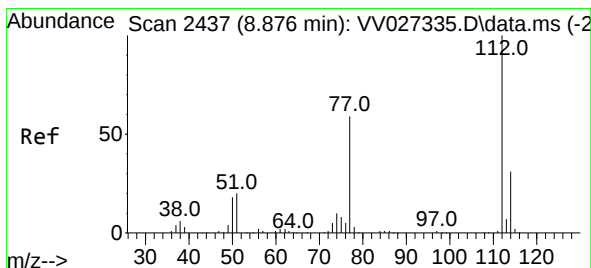
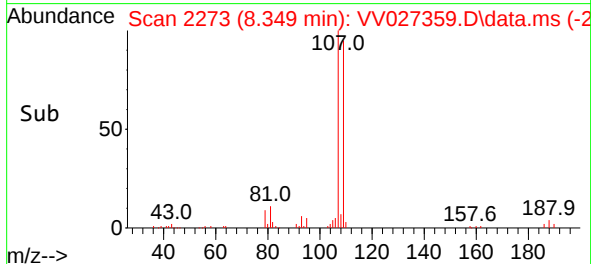
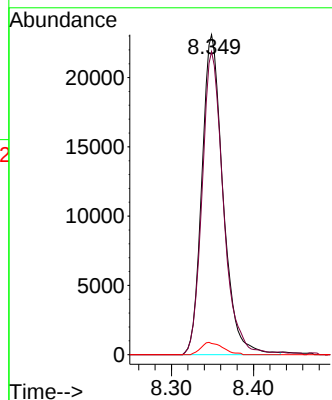
#50
 1,2-Dibromoethane
 Concen: 4.523 ug/L
 RT: 8.349 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:107 Resp: 41401

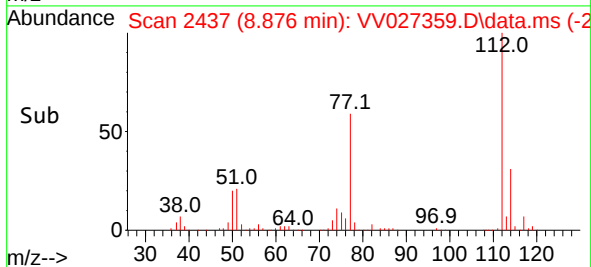
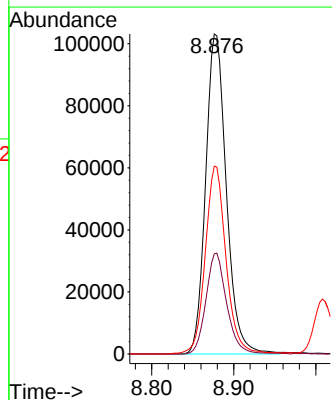
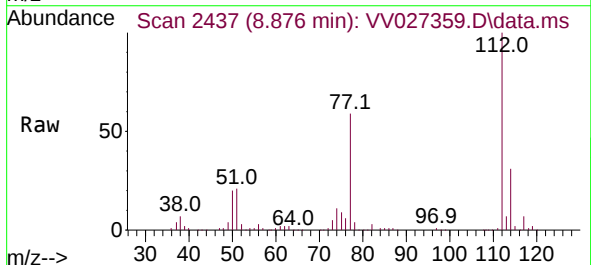
Ion	Ratio	Lower	Upper
107	100		
109	94.7	66.1	122.8
188	3.5	3.4	5.2

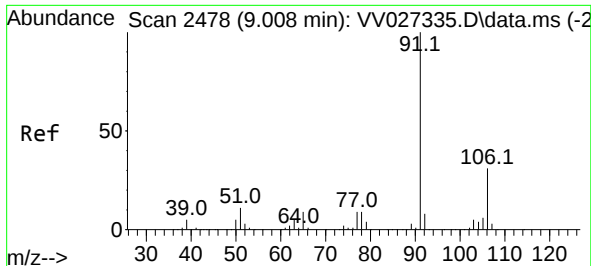


#51
 Chlorobenzene
 Concen: 4.762 ug/L
 RT: 8.876 min Scan# 2437
 Delta R.T. 0.000 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

Tgt Ion:112 Resp: 180797

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.9
77	58.7	46.4	69.6





#52

Ethylbenzene

Concen: 4.924 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

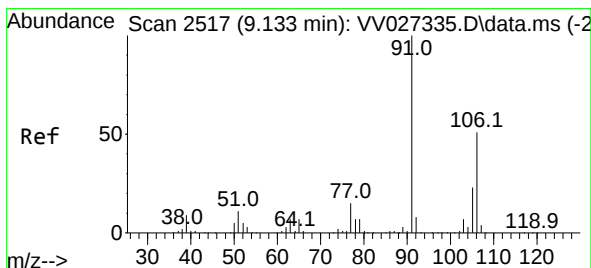
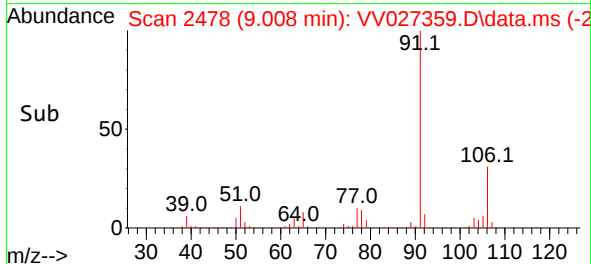
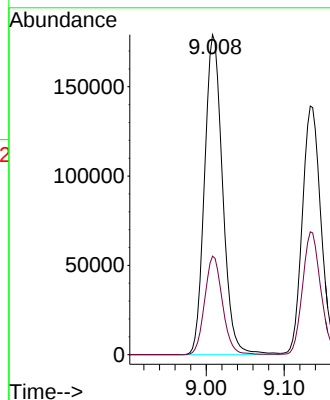
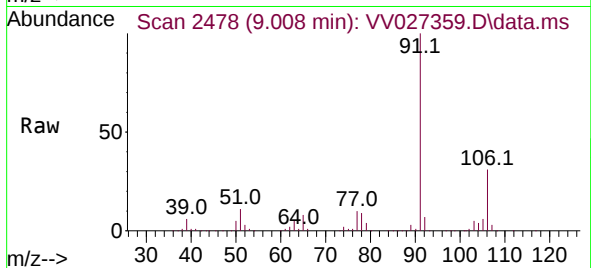
ClientSampleId :

Tgt Ion: 91 Resp: 288430

Ion Ratio Lower Upper

91 100

106 30.8 21.5 39.9



#53

m,p-Xylene

Concen: 5.051 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.000 min

Lab File: VV027359.D

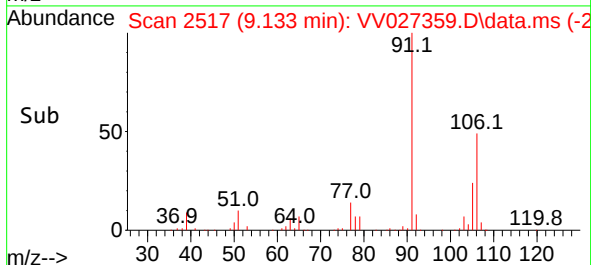
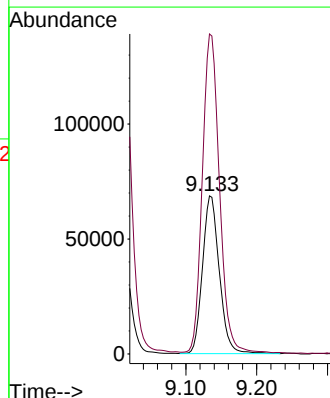
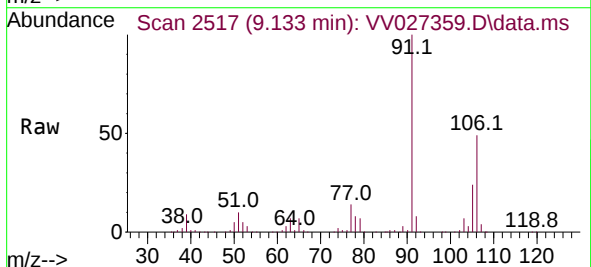
Acq: 13 Aug 2022 09:09

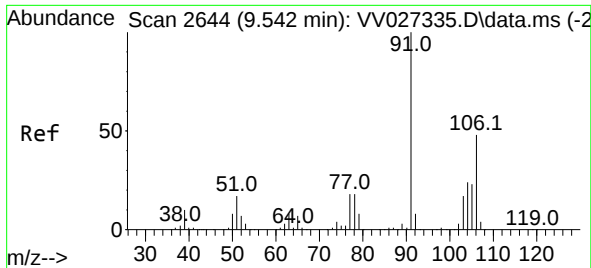
Tgt Ion: 106 Resp: 112831

Ion Ratio Lower Upper

106 100

91 202.4 141.5 262.9

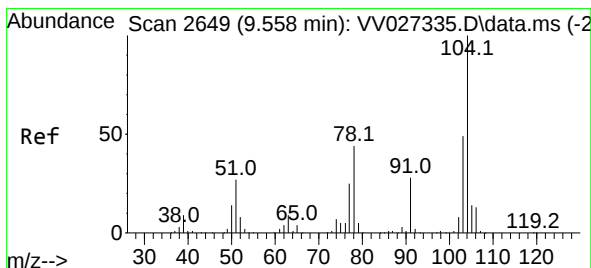
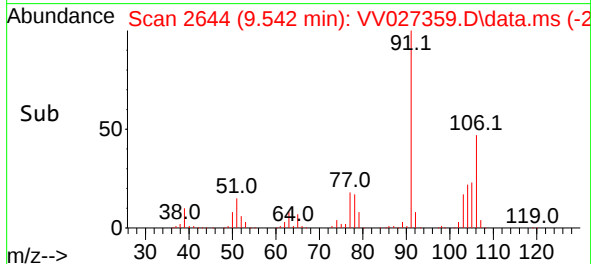
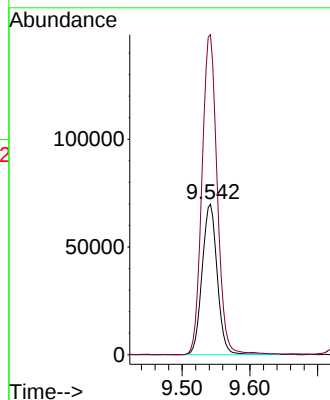
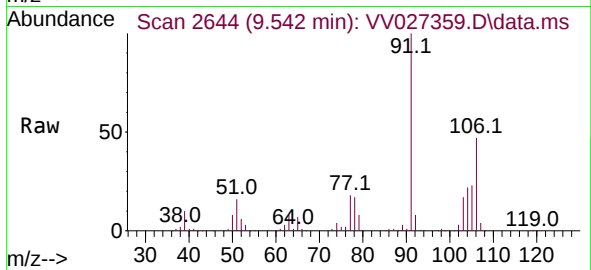




#54
o-Xylene
Concen: 4.949 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

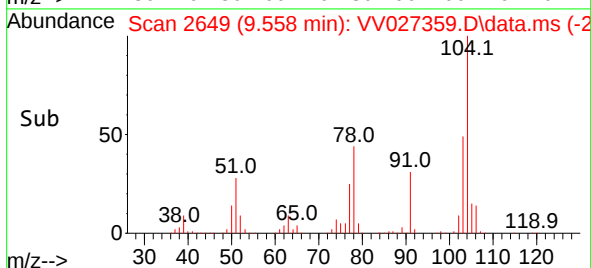
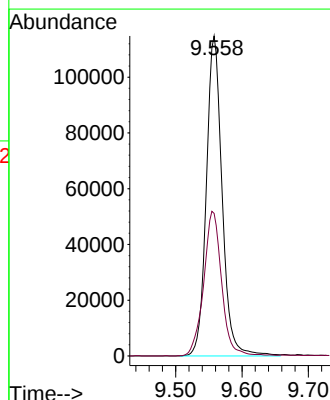
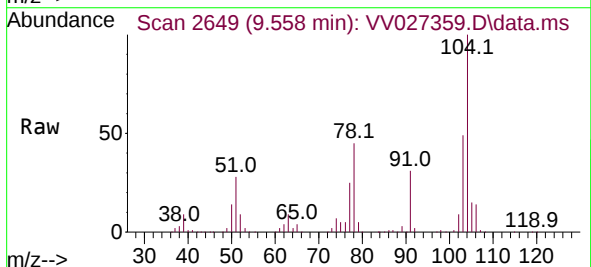
Instrument :
MSVOA_V
ClientSampleId :

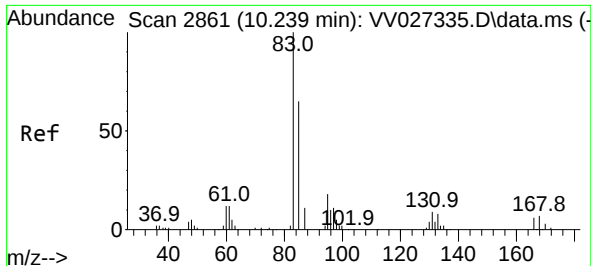
Tgt Ion:106 Resp: 108131
Ion Ratio Lower Upper
106 100
91 212.4 153.2 284.4



#55
Styrene
Concen: 5.068 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion:104 Resp: 190398
Ion Ratio Lower Upper
104 100
78 44.5 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.540 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV027359.D

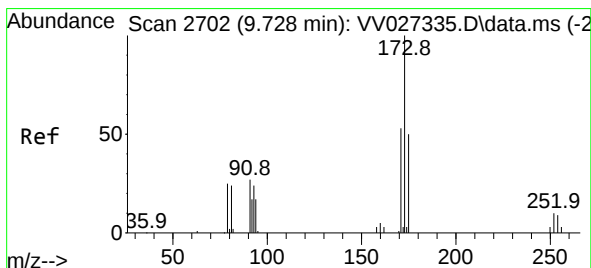
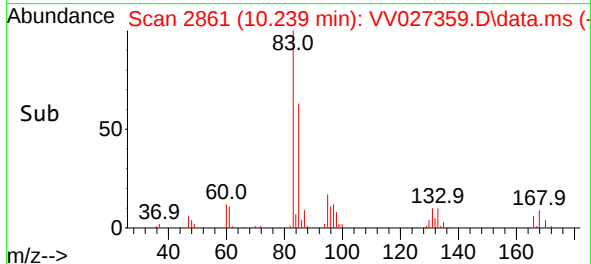
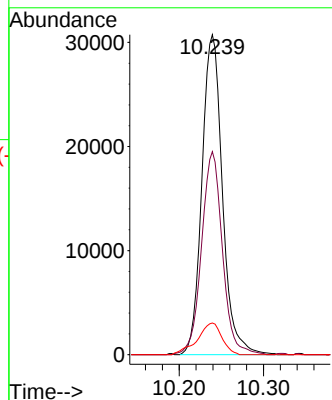
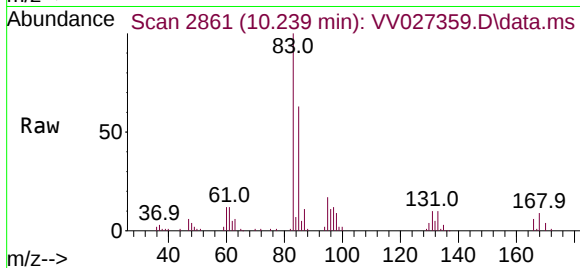
Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	52105
Ion	Ratio	Lower	Upper
83	100		
85	63.4	43.3	80.3
131	9.9	7.7	11.5



#59

Bromoform

Concen: 4.044 ug/L

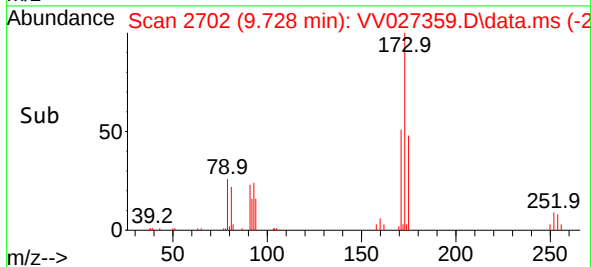
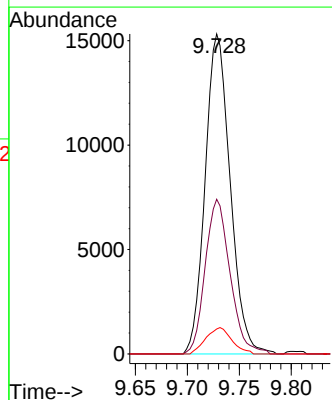
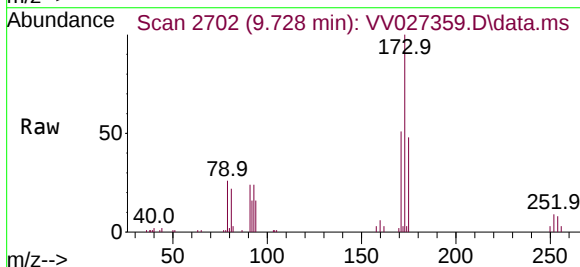
RT: 9.728 min Scan# 2702

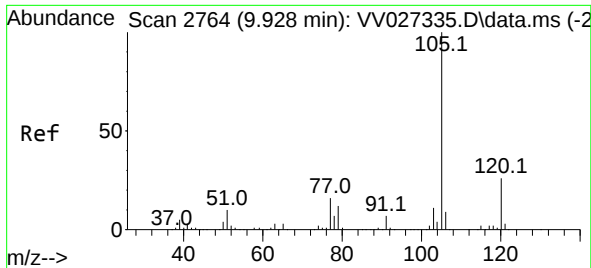
Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

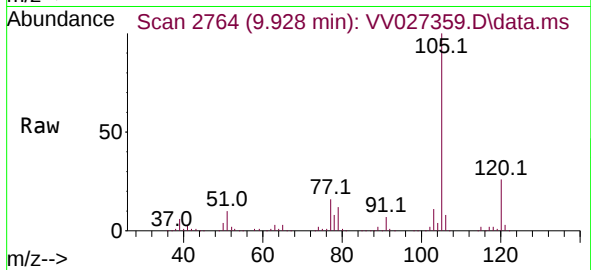
Tgt Ion:	173	Resp:	25683
Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.2	57.2
254	8.6	6.5	9.7



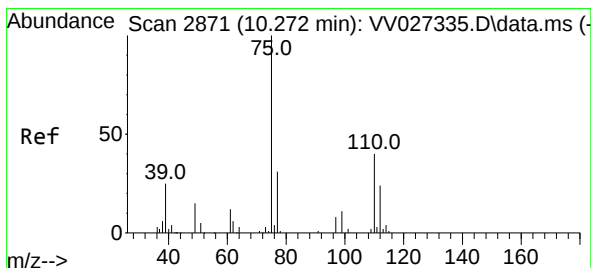
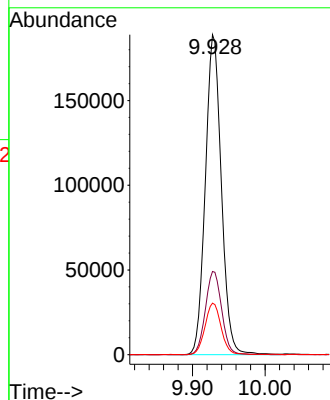
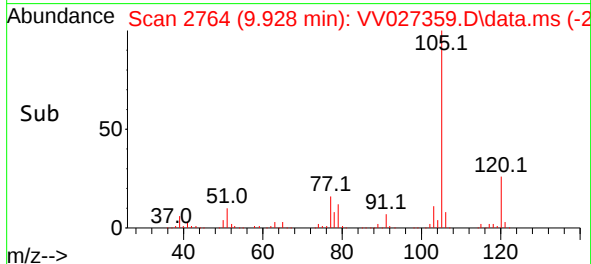


#60
Isopropylbenzene
Concen: 4.880 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

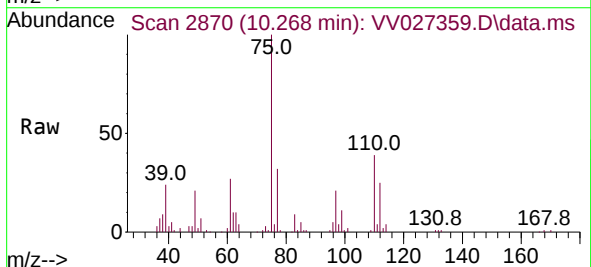
Instrument :
MSVOA_V
ClientSampleId :



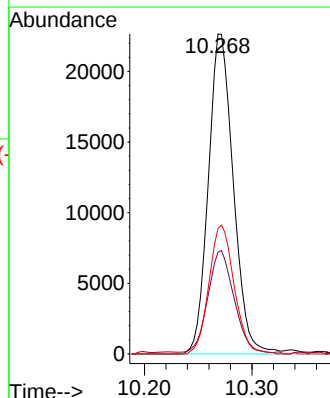
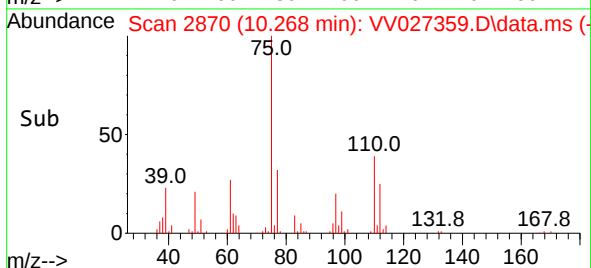
Tgt Ion:105 Resp: 289464
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 16.3 13.2 19.8

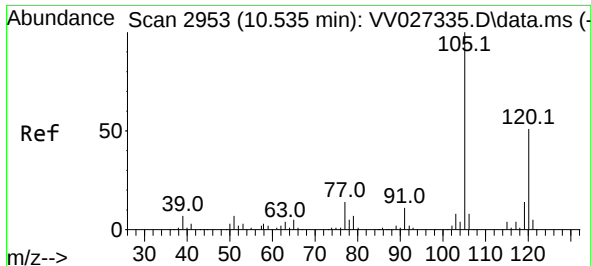


#61
1,2,3-Trichloropropane
Concen: 4.032 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09



Tgt Ion: 75 Resp: 36573
Ion Ratio Lower Upper
75 100
77 34.5 26.6 39.8
110 40.5 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.564 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV027359.D

Acq: 13 Aug 2022 09:09

Instrument :

MSVOA_V

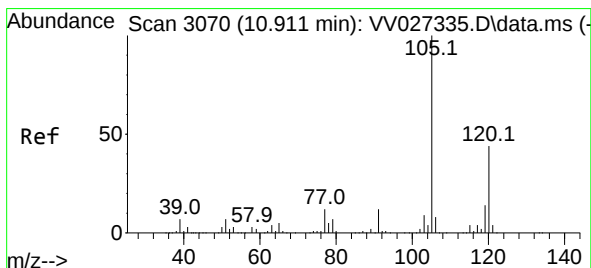
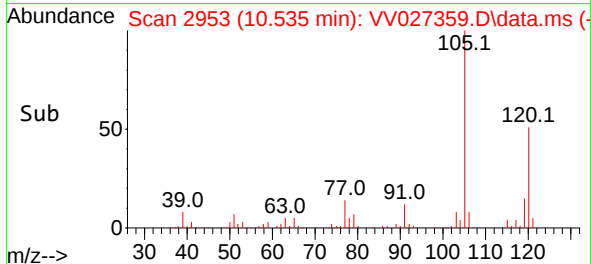
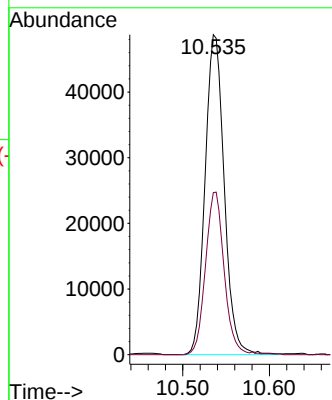
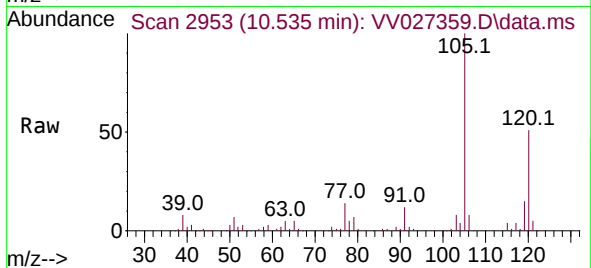
ClientSampleId :

Tgt Ion:105 Resp: 74834

Ion Ratio Lower Upper

105 100

120 49.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.632 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027359.D

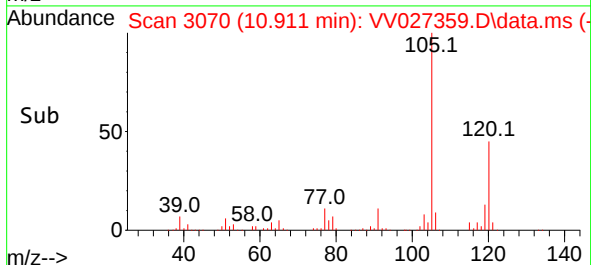
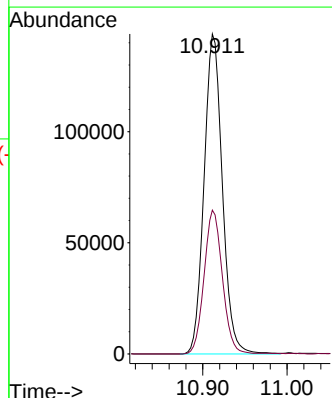
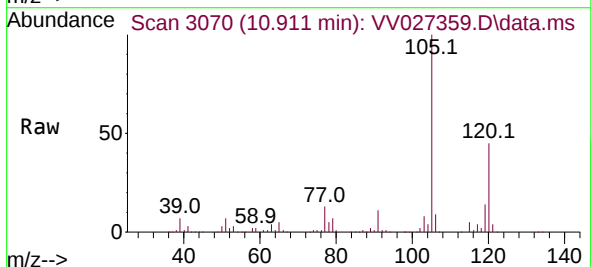
Acq: 13 Aug 2022 09:09

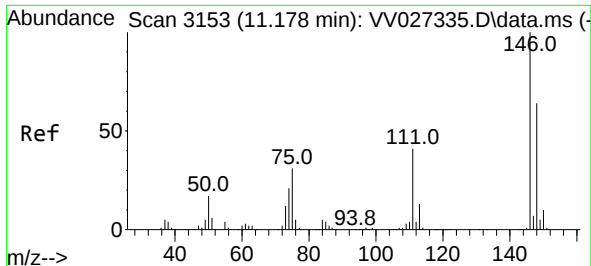
Tgt Ion:105 Resp: 217725

Ion Ratio Lower Upper

105 100

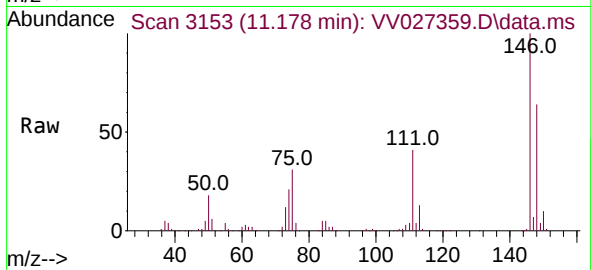
120 45.0 36.2 54.2



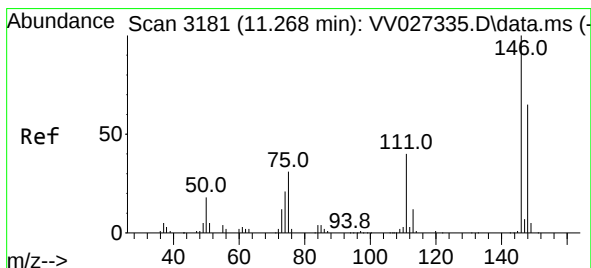
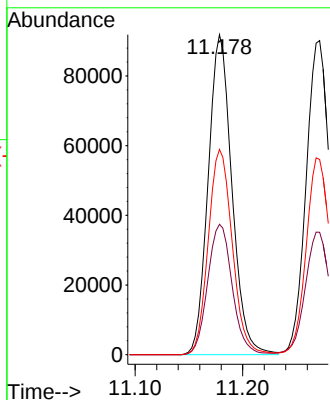
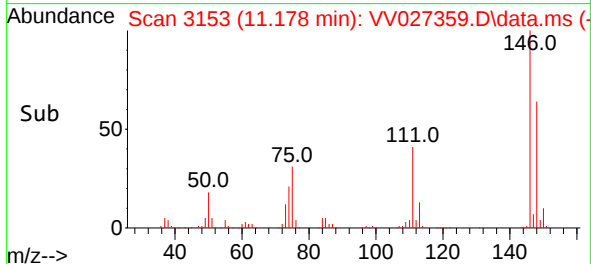


#64
1,3-Dichlorobenzene
Concen: 4.758 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

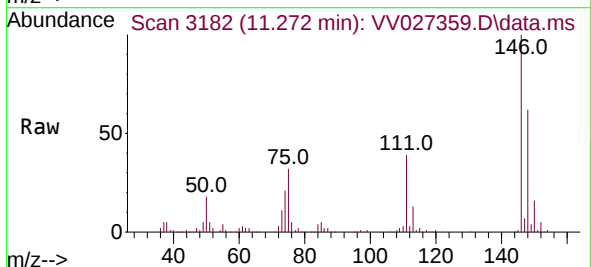
Instrument :
MSVOA_V
ClientSampleId :



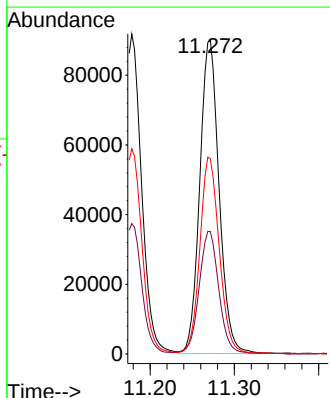
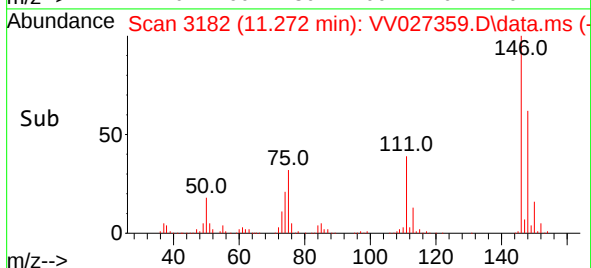
Tgt Ion:146 Resp: 141025
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.4
148 64.2 45.4 84.4

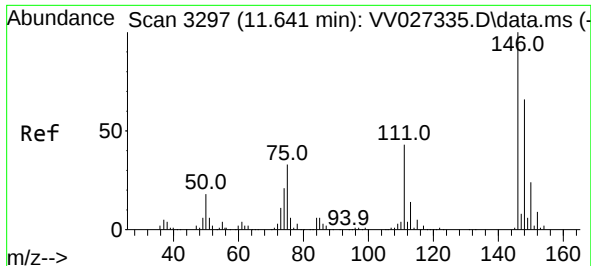


#65
1,4-Dichlorobenzene
Concen: 4.818 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09



Tgt Ion:146 Resp: 143719
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 62.2 43.3 80.5

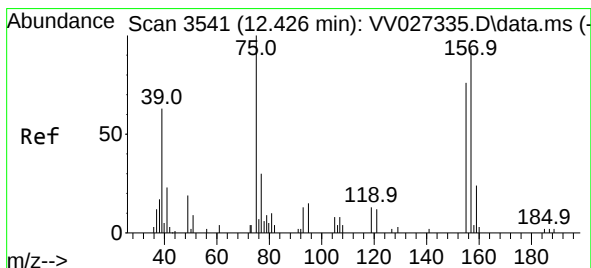
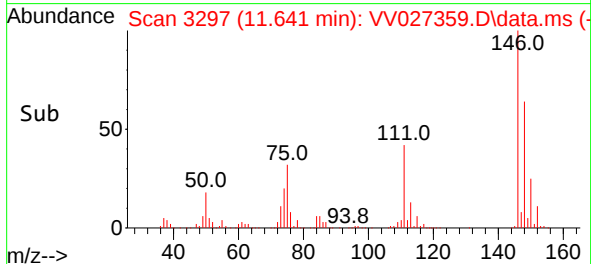
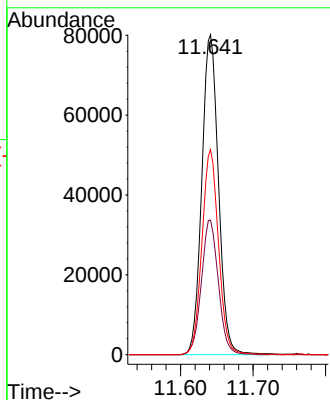
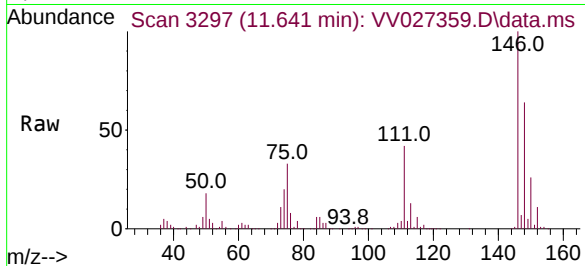




#67
1,2-Dichlorobenzene
Concen: 4.639 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

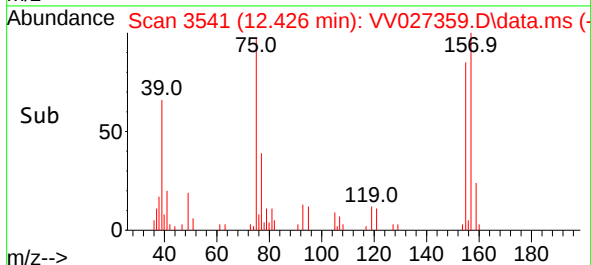
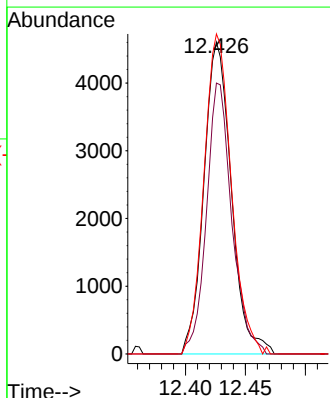
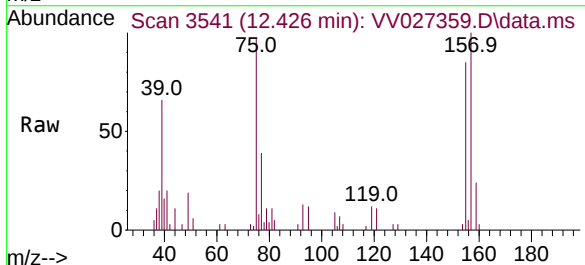
Instrument :
MSVOA_V
ClientSampleId :

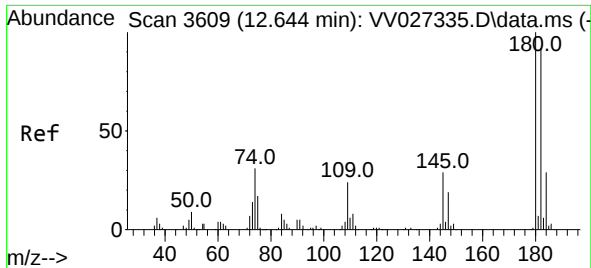
Tgt Ion:146 Resp: 128049
Ion Ratio Lower Upper
146 100
111 42.1 33.2 49.8
148 64.1 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 3.859 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

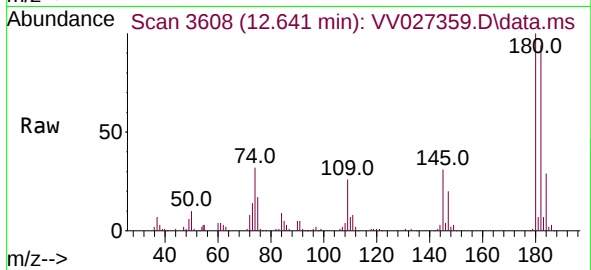
Tgt Ion: 75 Resp: 7312
Ion Ratio Lower Upper
75 100
155 86.9 65.8 98.6
157 102.6 73.0 109.4



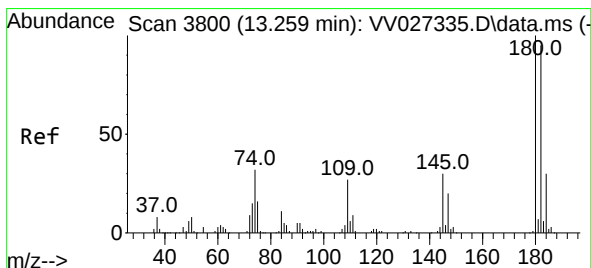
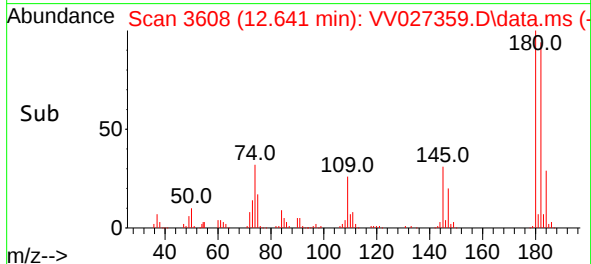
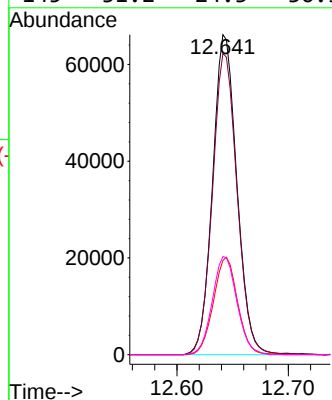


#69
 1,3,5-Trichlorobenzene
 Concen: 4.683 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

Instrument :
 MSVOA_V
 ClientSampleId :

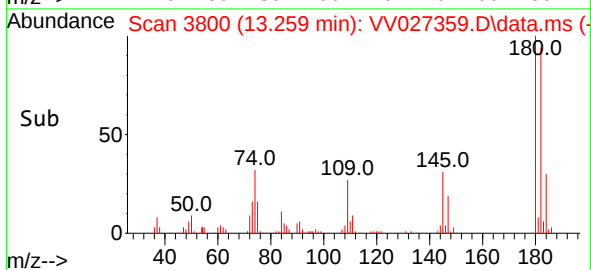
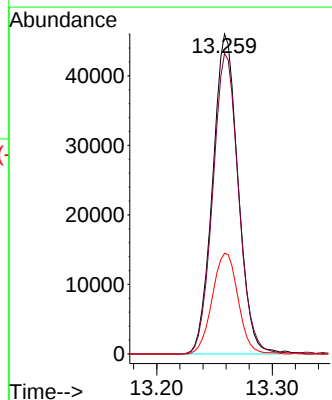
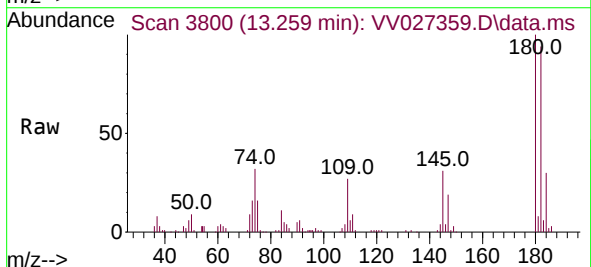


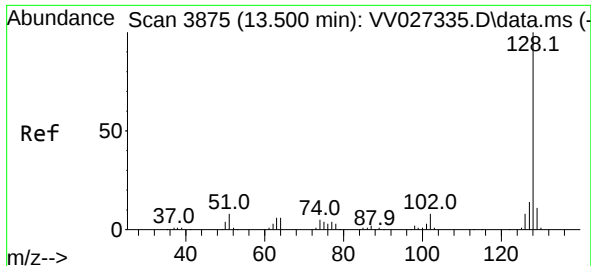
Tgt Ion:180 Resp: 100085
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.7 112.1
 184 30.4 23.3 34.9
 145 31.2 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.399 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027359.D
 Acq: 13 Aug 2022 09:09

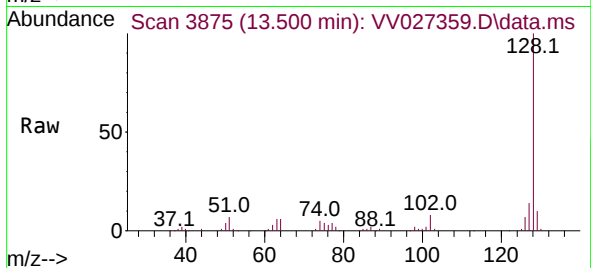
Tgt Ion:180 Resp: 70260
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.4 116.0
 145 32.1 24.9 37.3



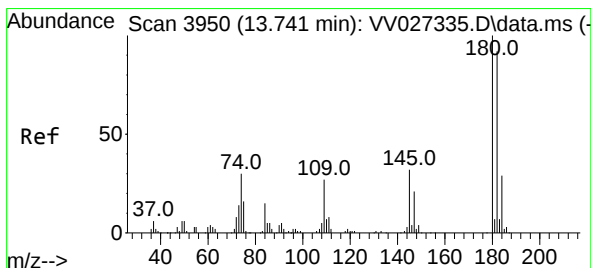
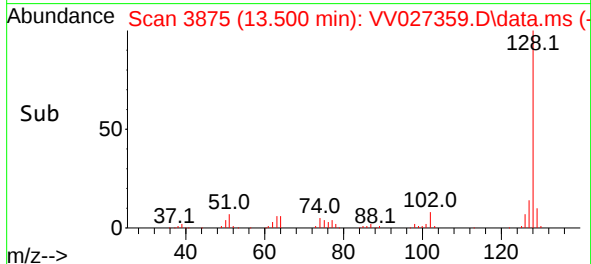
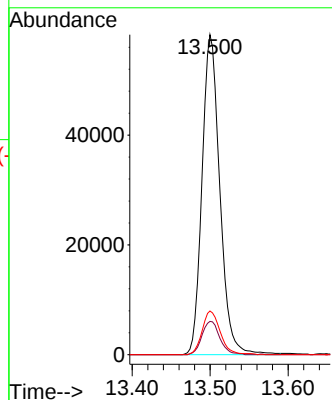


#71
Naphthalene
Concen: 3.747 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 92478
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 13.9 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.259 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027359.D
Acq: 13 Aug 2022 09:09

Tgt Ion:180 Resp: 63407
Ion Ratio Lower Upper
180 100
182 93.9 73.8 110.6
145 33.1 27.0 40.4

