

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027578.D
 Acq On : 30 Aug 2022 11:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:40:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	166904	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51758	4.357	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.564	69	43523	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.105	63	105026	3.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.889	46	83103	56.216	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	4.342	84	112152	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.030	65	51745	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.047	84	203935	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	62795	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.313	98	184632	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	21032	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	82466	54.853	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43681	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	57500	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	73417	4.145	ug/L	99
3) Chloromethane	1.240	50	70727	4.573	ug/L	100
5) Vinyl chloride	1.310	62	72688	4.669	ug/L	98
6) Bromomethane	1.519	94	32680	4.245	ug/L	98
8) Chloroethane	1.584	64	48482	5.329	ug/L	97
9) Trichlorofluoromethane	1.751	101	106673	4.313	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63268	4.531	ug/L	96
12) 1,1-Dichloroethene	2.114	96	53279	4.219	ug/L	97
13) Acetone	2.175	43	52821	37.415	ug/L	90
14) Carbon disulfide	2.288	76	126866	3.660	ug/L	99
15) Methyl Acetate	2.433	43	24444	6.252	ug/L	92
16) Methylene chloride	2.503	84	117721	6.183	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	129857	4.970	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	59631	4.583	ug/L	97
19) 1,1-Dichloroethane	3.185	63	136490	5.068	ug/L	99
21) 2-Butanone	3.976	43	93536	49.785	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	65458	4.721	ug/L	94
23) Bromochloromethane	4.243	128	29223	4.780	ug/L	94
25) Chloroform	4.371	83	143381	4.896	ug/L	94

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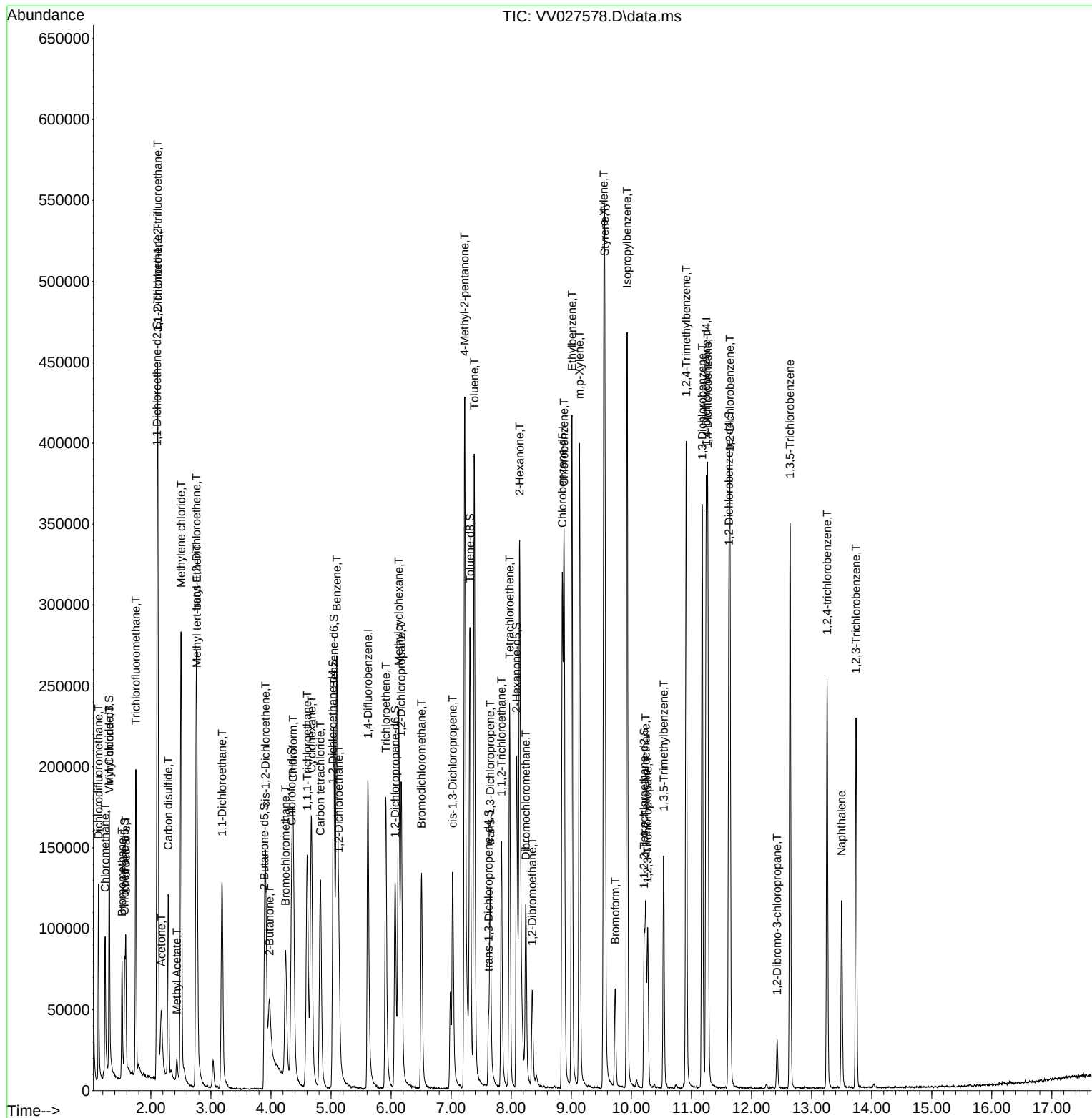
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	73621	4.947	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	119637	4.706	ug/L	100
30) Cyclohexane	4.674	56	84079	4.308	ug/L	95
31) Carbon tetrachloride	4.821	117	101020	4.569	ug/L	99
33) Benzene	5.095	78	268680	4.879	ug/L	100
34) Trichloroethene	5.911	95	67623	4.666	ug/L	98
35) Methylcyclohexane	6.127	83	85511	4.195	ug/L	99
37) 1,2-Dichloropropane	6.169	63	70148	4.778	ug/L	100
38) Bromodichloromethane	6.506	83	93212	5.007	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	84005	4.745	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	351432	53.571	ug/L	100
42) Toluene	7.384	91	286262	5.036	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	73009	4.878	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	47719	5.084	ug/L	98
47) Tetrachloroethene	7.972	164	50975	4.515	ug/L	98
48) 2-Hexanone	8.140	43	256376	54.237	ug/L	98
49) Dibromochloromethane	8.243	129	56106	4.860	ug/L	100
50) 1,2-Dibromoethane	8.349	107	41508	5.066	ug/L #	99
51) Chlorobenzene	8.879	112	178594	4.854	ug/L	99
52) Ethylbenzene	9.011	91	277883	4.789	ug/L	99
53) m,p-Xylene	9.136	106	107212	4.828	ug/L	99
54) o-Xylene	9.542	106	103392	4.801	ug/L	100
55) Styrene	9.558	104	187056	5.105	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	55629	5.261	ug/L	97
59) Bromoform	9.731	173	27981	4.832	ug/L	98
60) Isopropylbenzene	9.931	105	284199	4.999	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37811	4.988	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	72423	4.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	209452	4.716	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	140435	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	139042	4.979	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	129578	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7584	4.503	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	102076	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	71785	4.724	ug/L	100
71) Naphthalene	13.500	128	89684	4.276	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	64517	4.781	ug/L	100

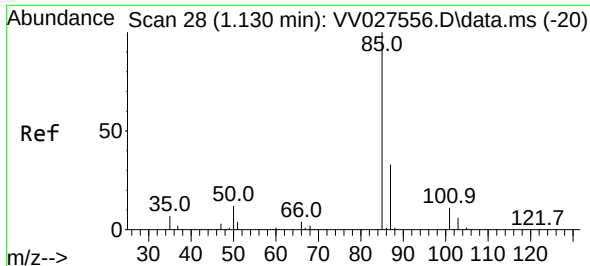
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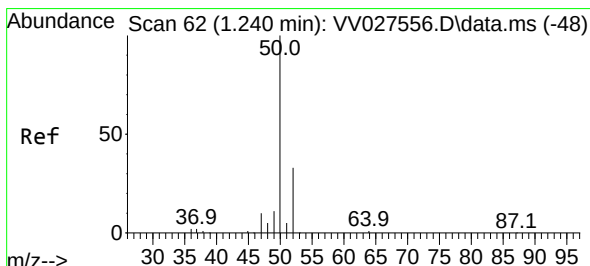
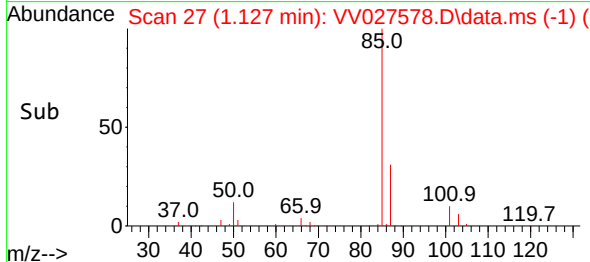
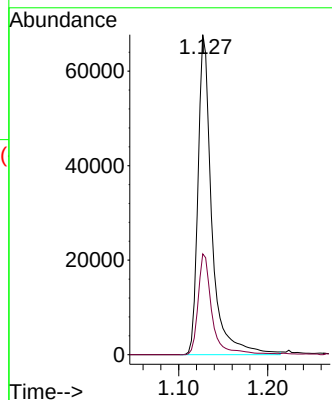
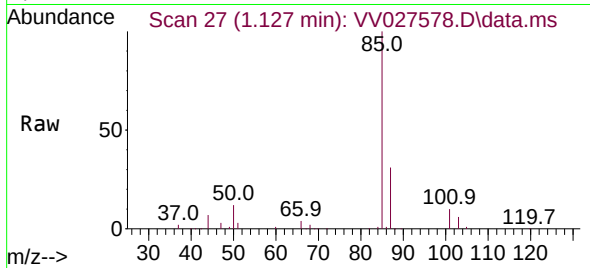




#2
 Dichlorodifluoromethane
 Concen: 4.145 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027578.D
 Acq: 30 Aug 2022 11:46

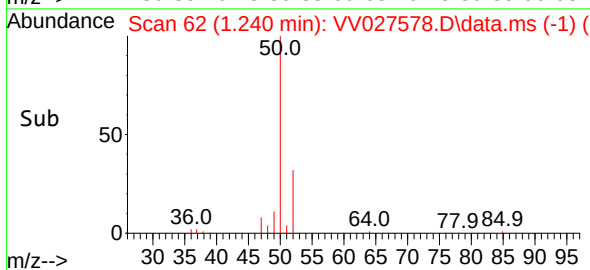
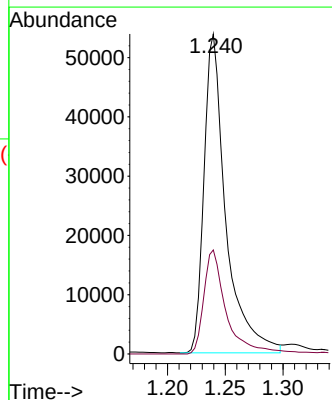
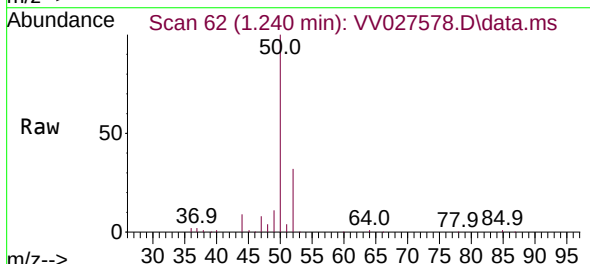
Instrument :
 MSVOA_V
 ClientSampleId :

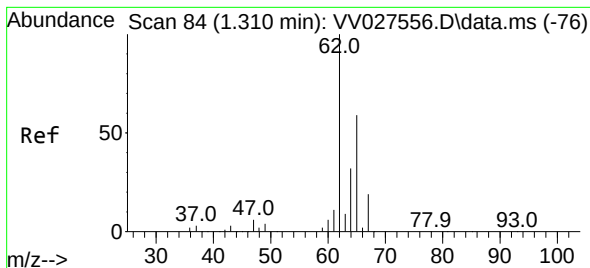
Tgt Ion: 85 Resp: 73417
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.573 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV027578.D
 Acq: 30 Aug 2022 11:46

Tgt Ion: 50 Resp: 70727
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.8 42.4





#5

Vinyl chloride

Concen: 4.669 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

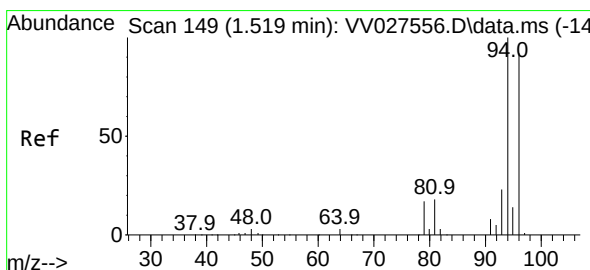
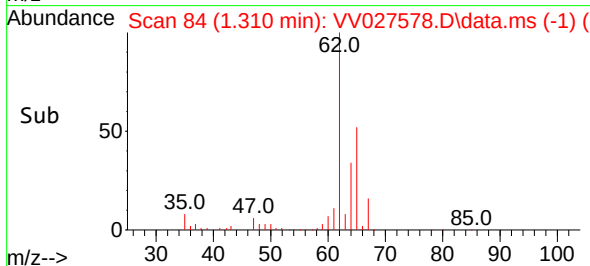
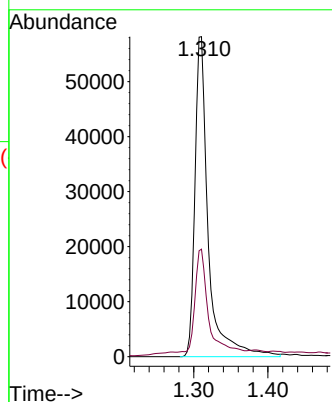
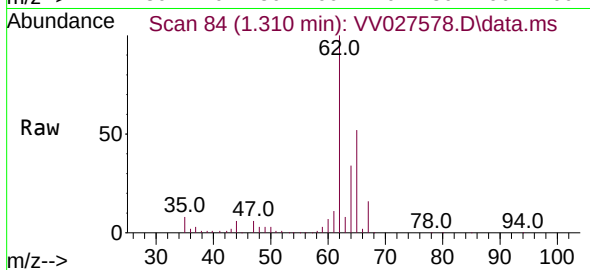
ClientSampleId :

Tgt Ion: 62 Resp: 72688

Ion Ratio Lower Upper

62 100

64 33.6 22.6 42.0



#6

Bromomethane

Concen: 4.245 ug/L

RT: 1.519 min Scan# 149

Delta R.T. -0.000 min

Lab File: VV027578.D

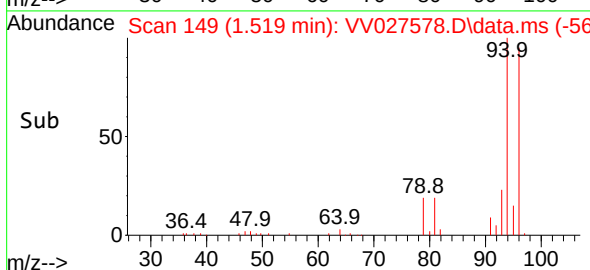
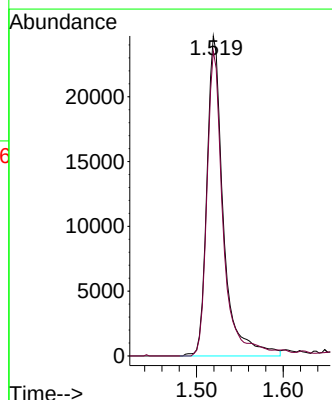
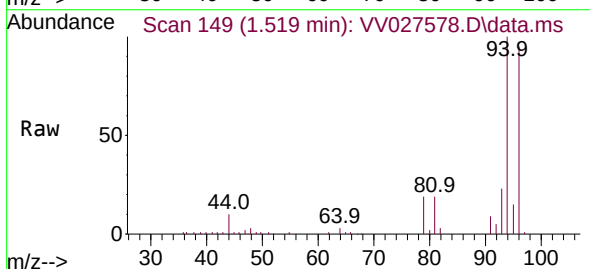
Acq: 30 Aug 2022 11:46

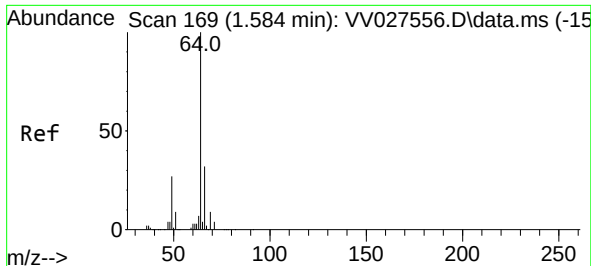
Tgt Ion: 94 Resp: 32680

Ion Ratio Lower Upper

94 100

96 95.3 65.2 121.0

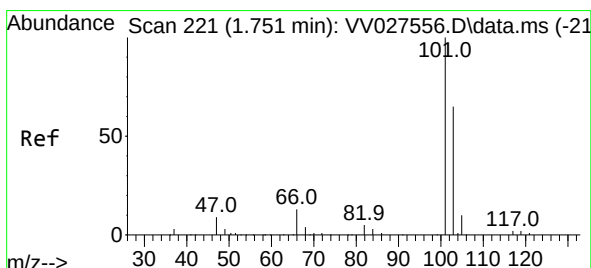
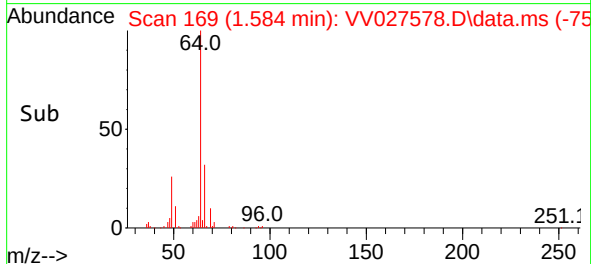
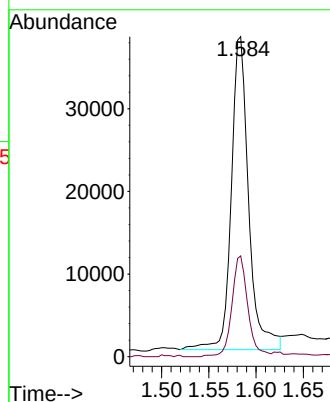
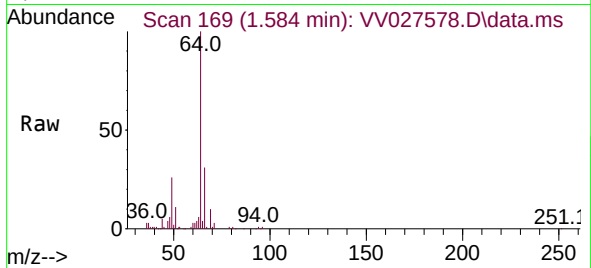




#8
Chloroethane
Concen: 5.329 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

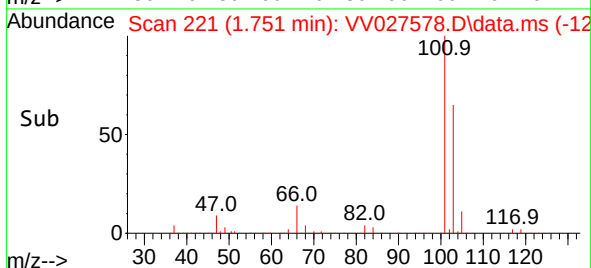
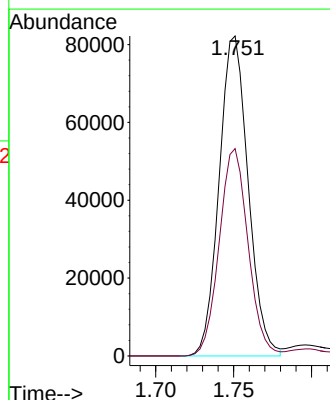
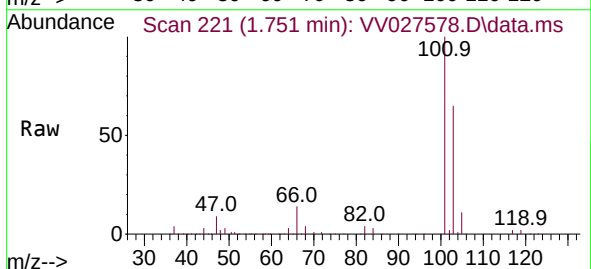
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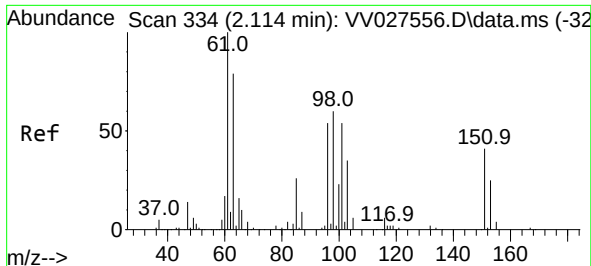
Tgt Ion: 64 Resp: 48482
Ion Ratio Lower Upper
64 100
66 31.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.313 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 101 Resp: 106673
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

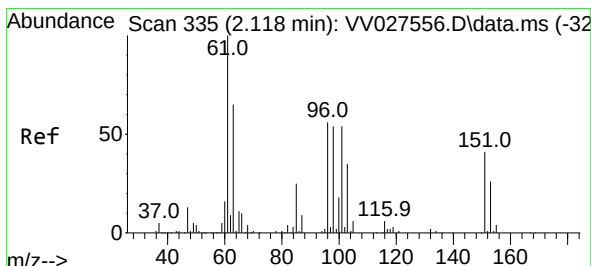
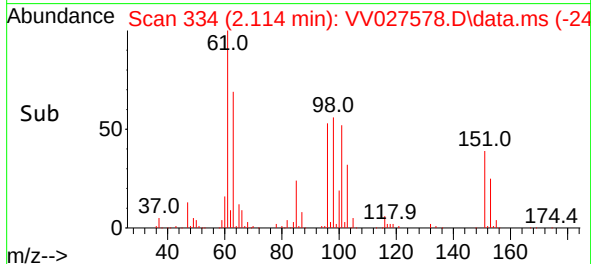
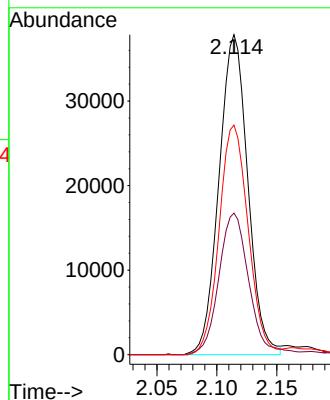
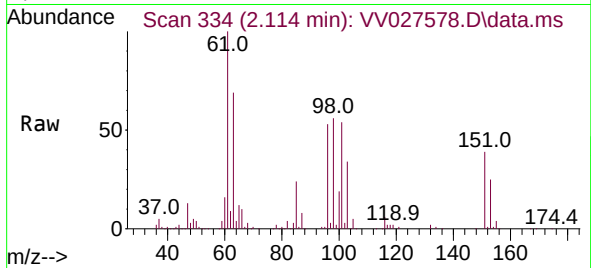




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.531 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027578.D
 Acq: 30 Aug 2022 11:46

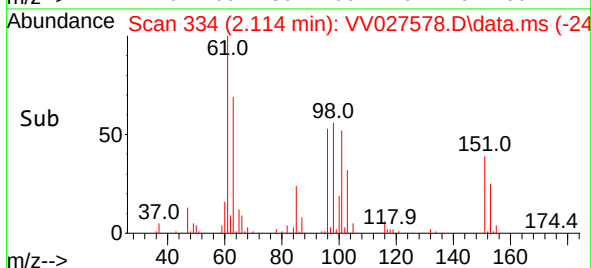
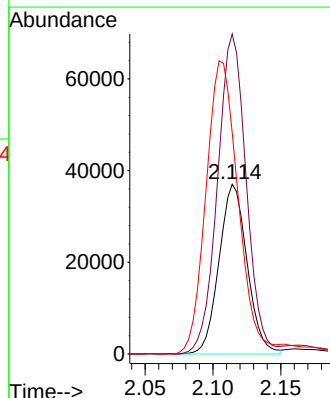
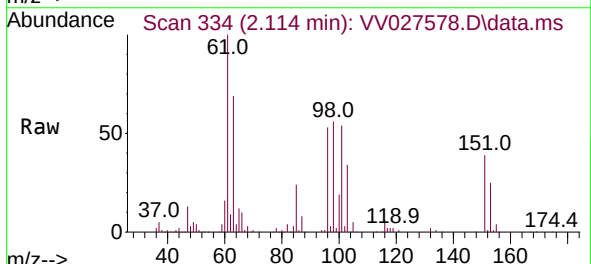
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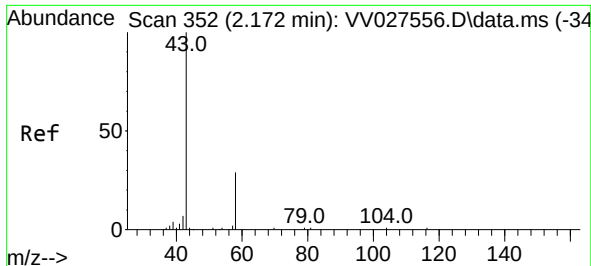
Tgt Ion:101 Resp: 63268
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.3 52.9
 151 72.3 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.219 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027578.D
 Acq: 30 Aug 2022 11:46

Tgt Ion: 96 Resp: 53279
 Ion Ratio Lower Upper
 96 100
 61 188.5 130.2 241.8
 63 130.6 87.4 162.4

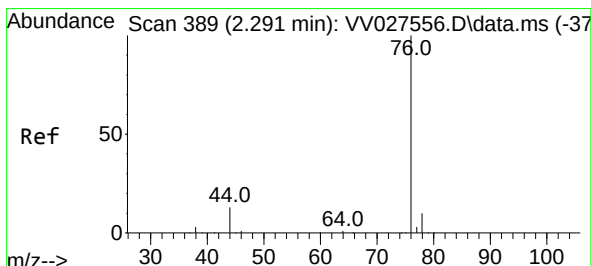
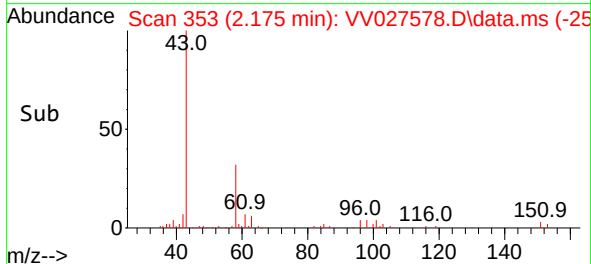
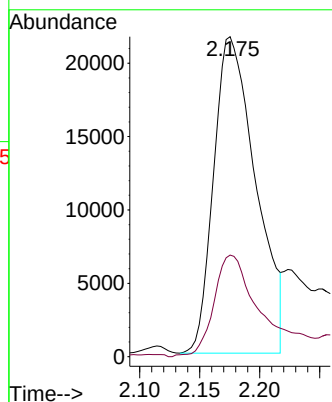
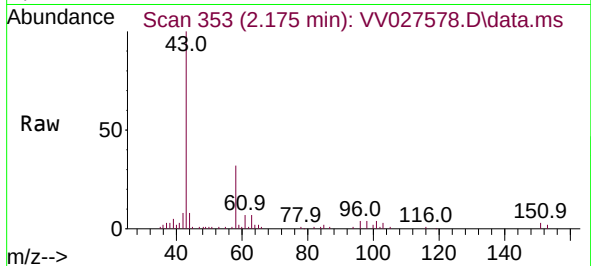




#13
Acetone
Concen: 37.415 ug/L
RT: 2.175 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

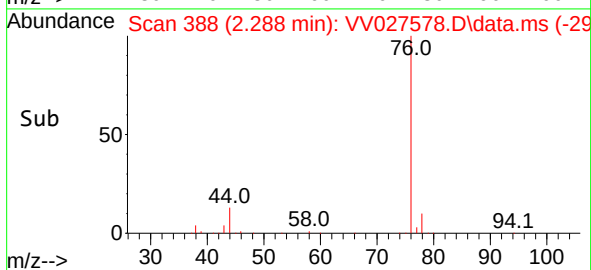
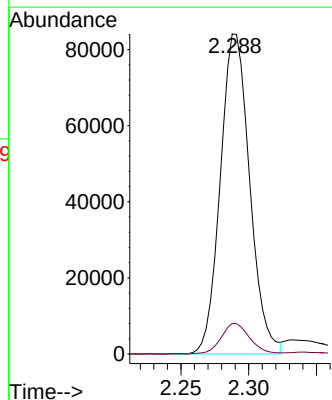
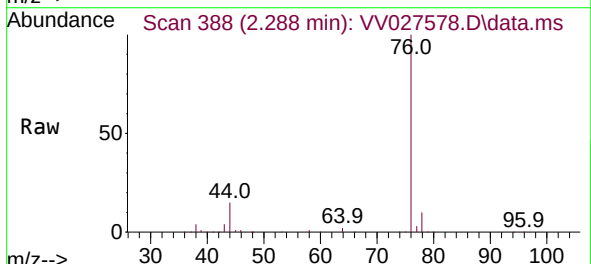
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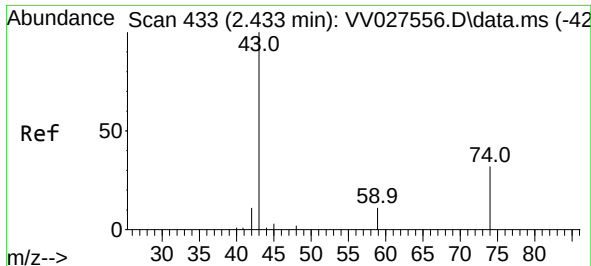
Tgt Ion: 43 Resp: 52821
Ion Ratio Lower Upper
43 100
58 36.6 0.0 62.2



#14
Carbon disulfide
Concen: 3.660 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 126866
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9





#15

Methyl Acetate

Concen: 6.252 ug/L

RT: 2.433 min Scan# 41

Delta R.T. -0.000 min

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Instrument :

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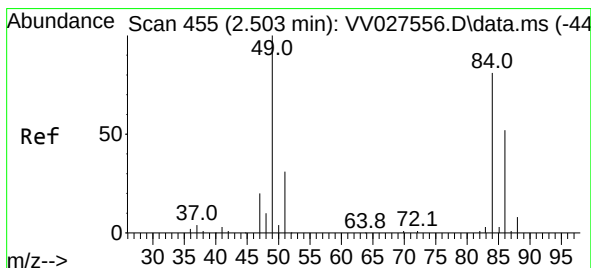
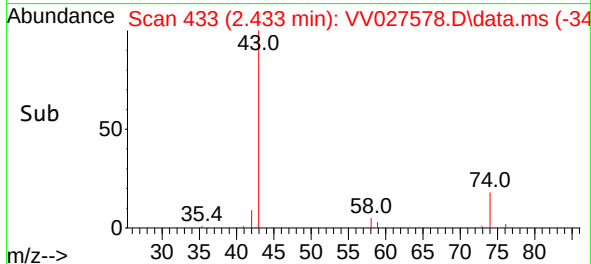
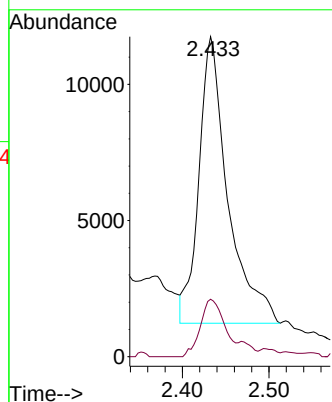
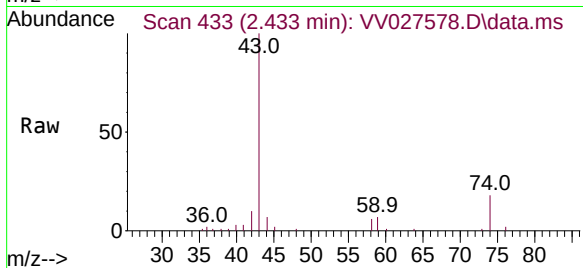
ClientSampleId :

Tgt Ion: 43 Resp: 24444

Ion Ratio Lower Upper

43 100

74 16.5 16.3 24.5



#16

Methylene chloride

Concen: 6.183 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

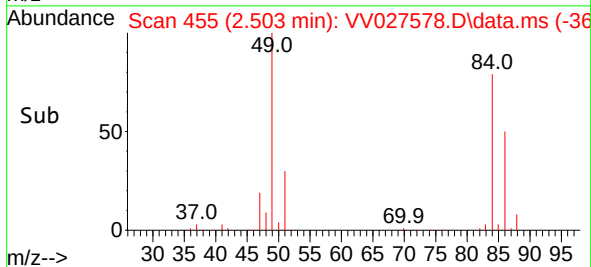
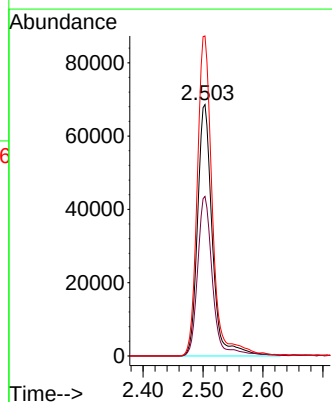
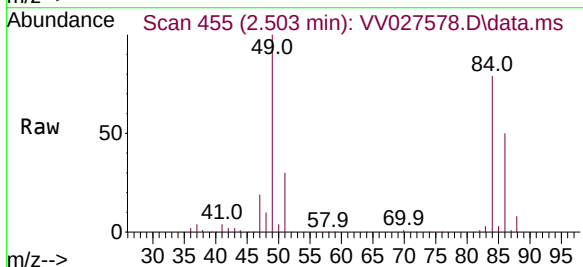
Tgt Ion: 84 Resp: 117721

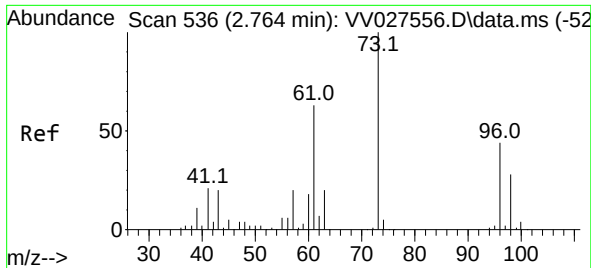
Ion Ratio Lower Upper

84 100

86 63.5 44.0 81.6

49 127.3 89.4 166.0

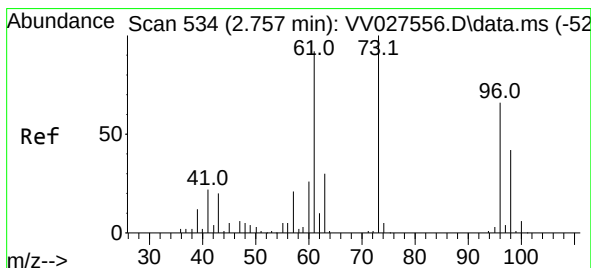
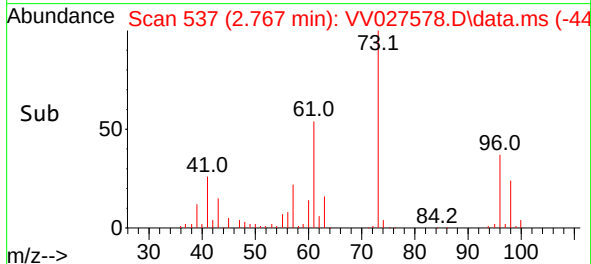
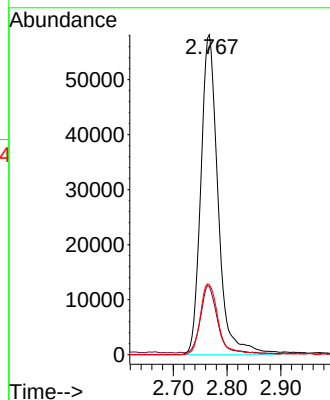
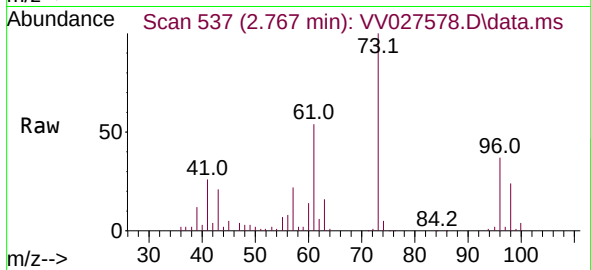




#17
Methyl tert-butyl Ether
Concen: 4.970 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

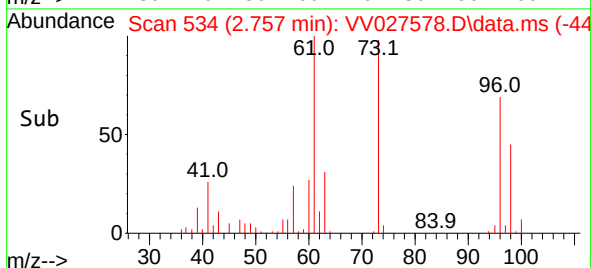
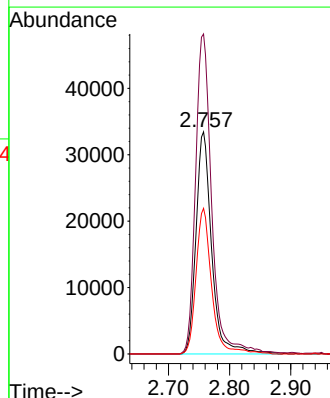
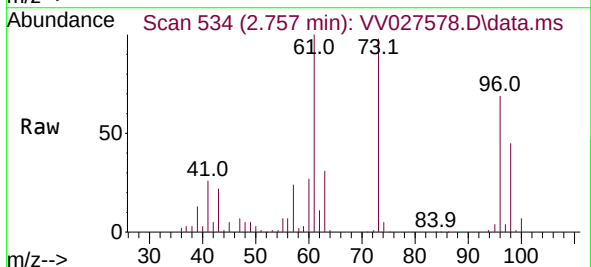
Instrument :
MSVOA_V
ClientSampleId :

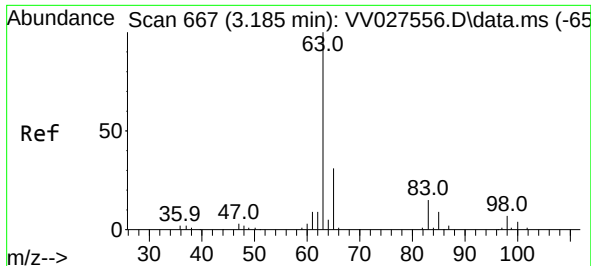
Tgt Ion: 73 Resp: 129857
Ion Ratio Lower Upper
73 100
43 19.8 15.6 23.4
57 22.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.583 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 96 Resp: 59631
Ion Ratio Lower Upper
96 100
61 144.1 97.6 181.4
98 65.5 45.9 85.3





#19

1,1-Dichloroethane

Concen: 5.068 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

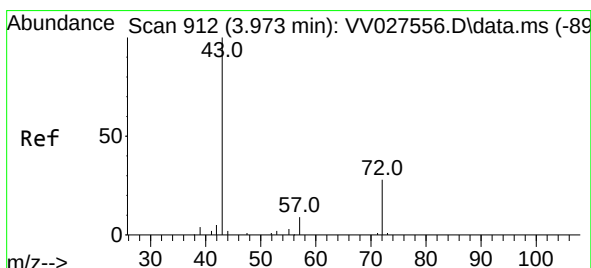
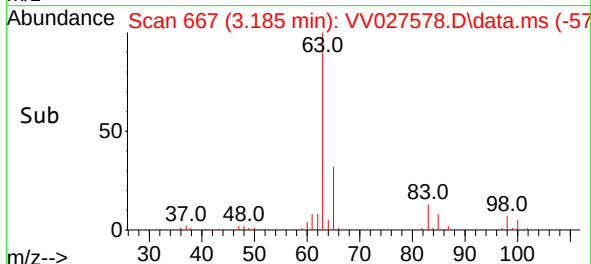
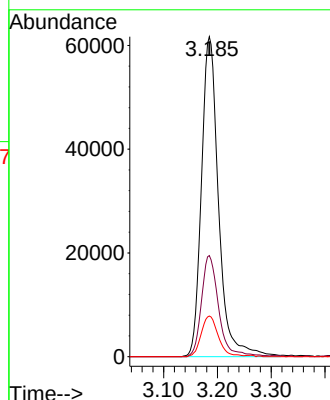
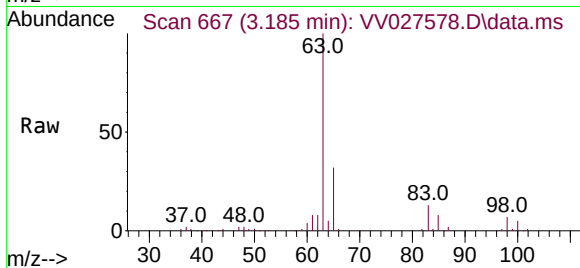
Tgt Ion: 63 Resp: 136490

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 12.7 9.6 17.8



#21

2-Butanone

Concen: 49.785 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.006 min

Lab File: VV027578.D

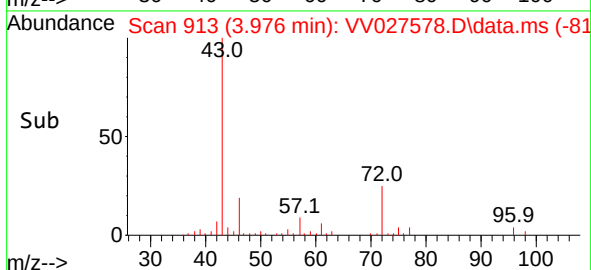
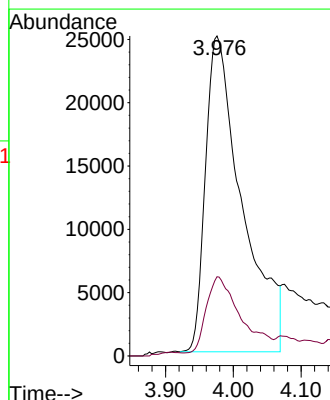
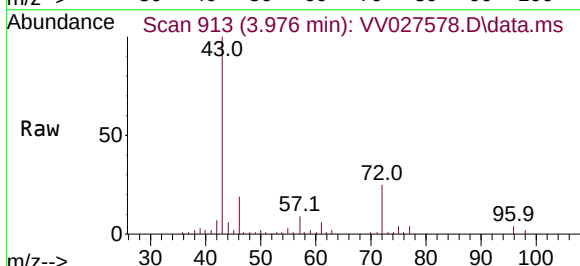
Acq: 30 Aug 2022 11:46

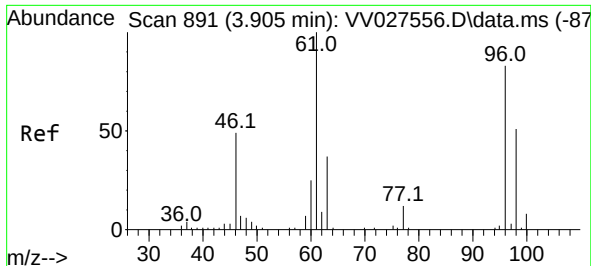
Tgt Ion: 43 Resp: 93536

Ion Ratio Lower Upper

43 100

72 22.7 12.0 36.1

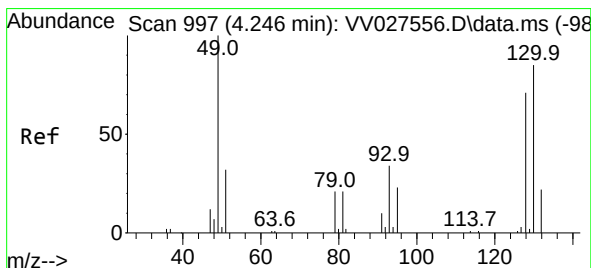
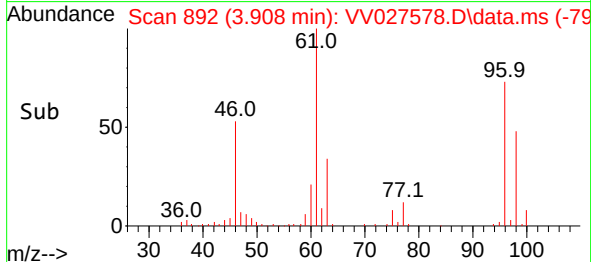
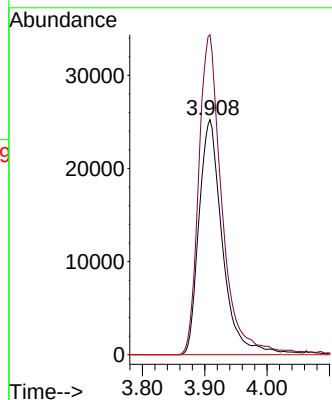
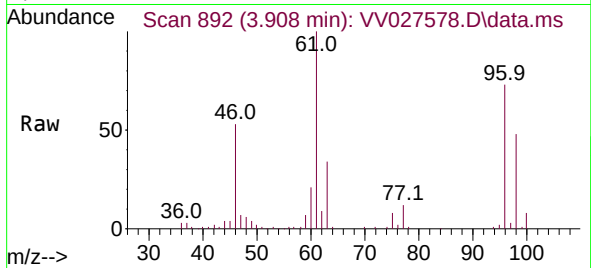




#22
 cis-1,2-Dichloroethene
 Concen: 4.721 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027578.D
 Acq: 30 Aug 2022 11:46

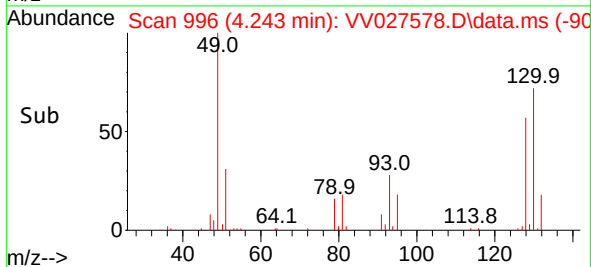
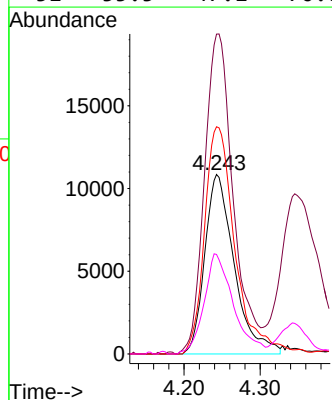
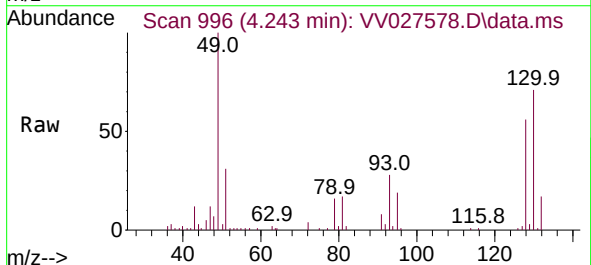
Instrument :
 MSVOA_V
 ClientSampleId :

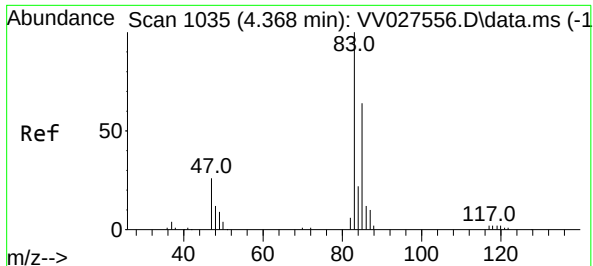
Tgt Ion: 96 Resp: 65458
 Ion Ratio Lower Upper
 96 100
 61 136.1 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.780 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV027578.D
 Acq: 30 Aug 2022 11:46

Tgt Ion: 128 Resp: 29223
 Ion Ratio Lower Upper
 128 100
 49 178.2 127.5 236.7
 130 126.6 97.0 180.2
 51 55.5 47.1 70.7





#25

Chloroform

Concen: 4.896 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

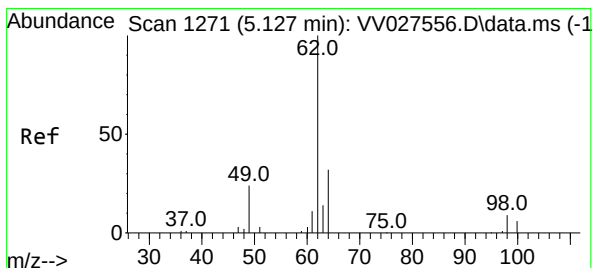
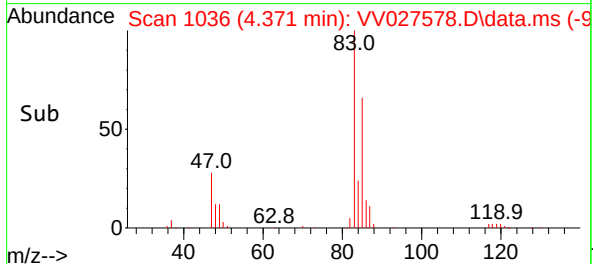
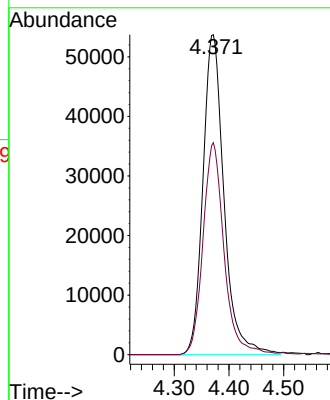
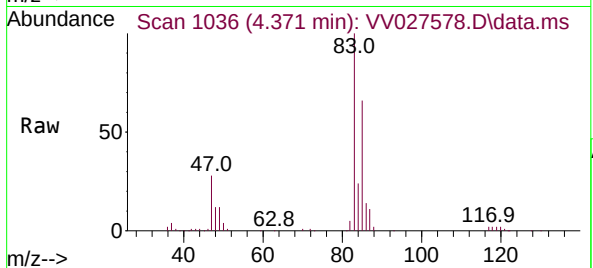
ClientSampleId :

Tgt Ion: 83 Resp: 143381

Ion Ratio Lower Upper

83 100

85 66.2 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.947 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027578.D

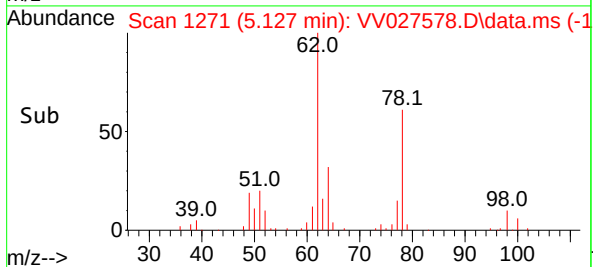
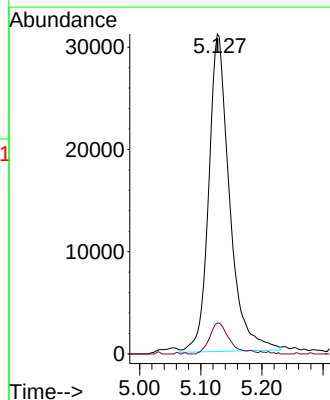
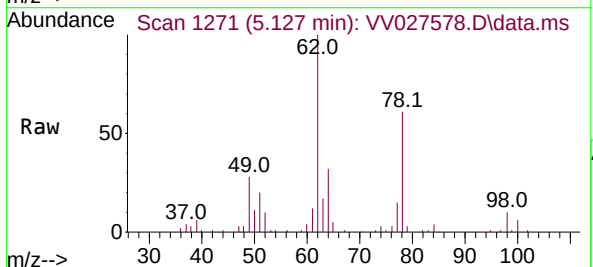
Acq: 30 Aug 2022 11:46

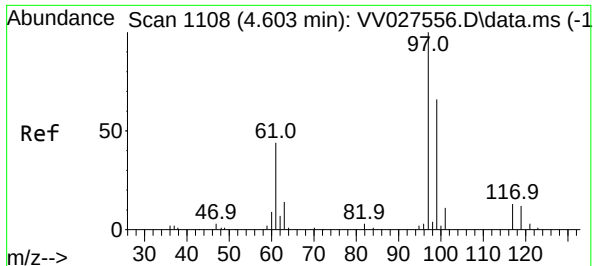
Tgt Ion: 62 Resp: 73621

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.706 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

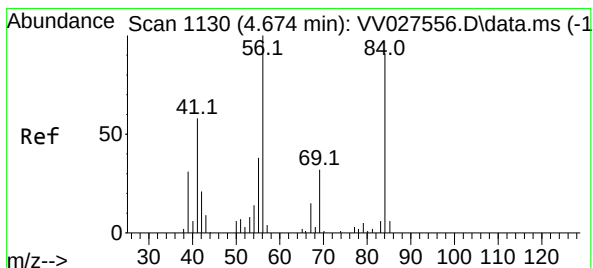
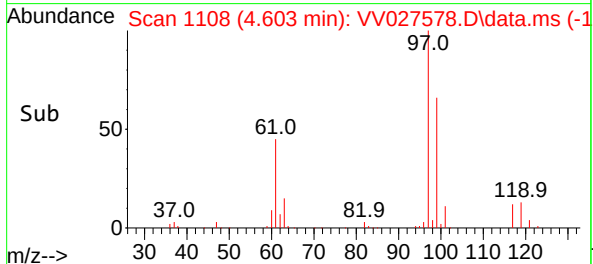
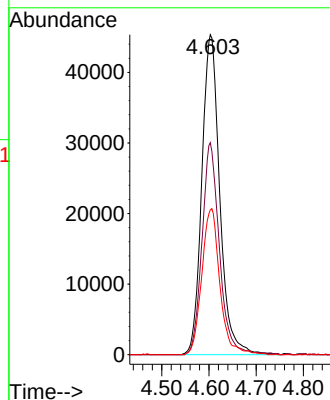
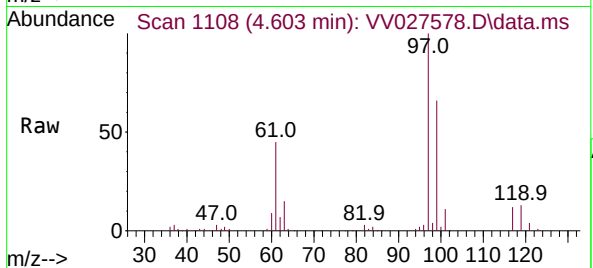
Tgt Ion: 97 Resp: 119637

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 45.4 35.9 53.9



#30

Cyclohexane

Concen: 4.308 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

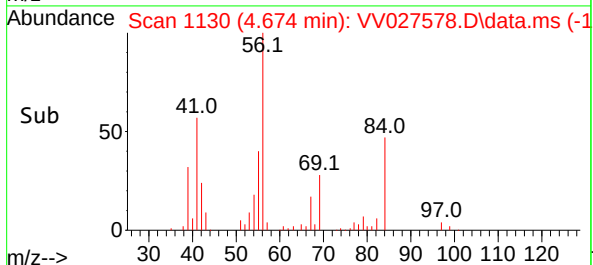
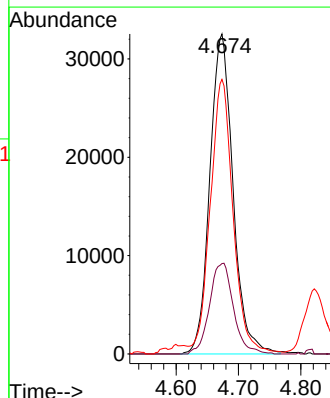
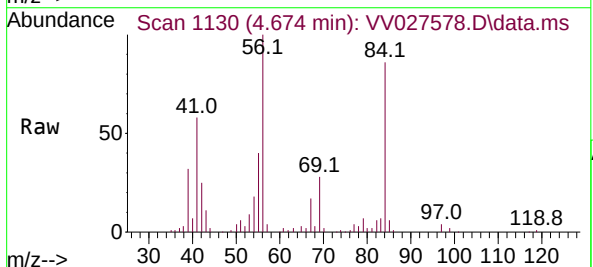
Tgt Ion: 56 Resp: 84079

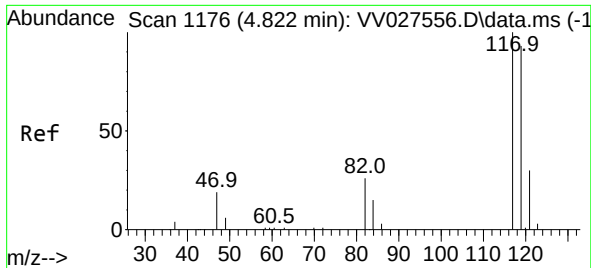
Ion Ratio Lower Upper

56 100

69 29.3 25.4 38.0

84 82.9 69.7 104.5

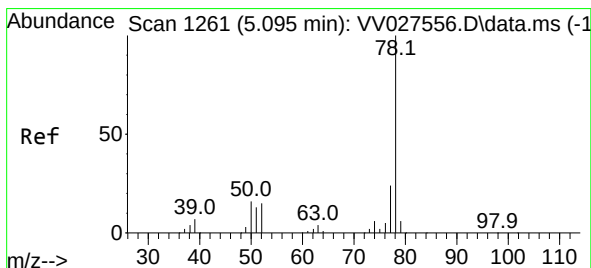
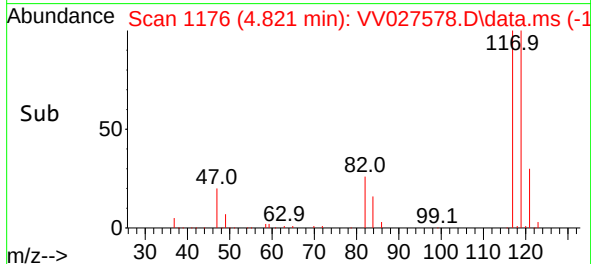
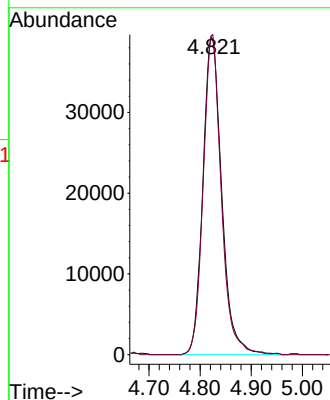
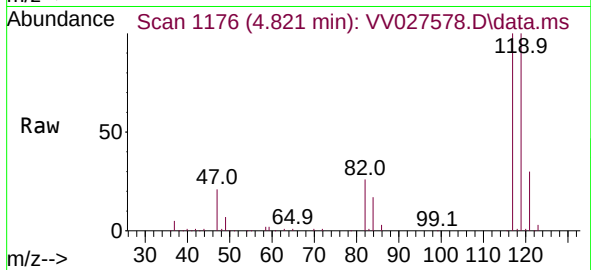




#31
Carbon tetrachloride
Concen: 4.569 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

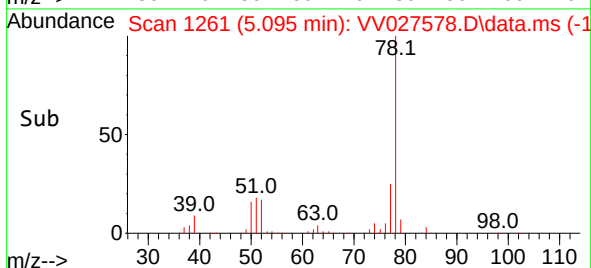
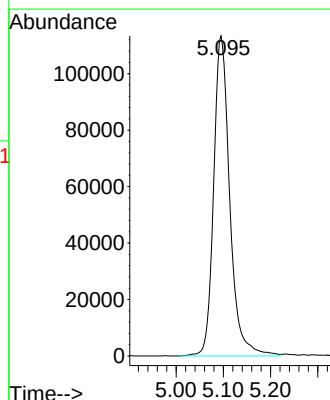
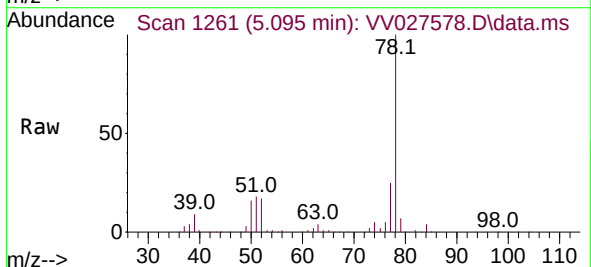
Instrument :
MSVOA_V
ClientSampleId :

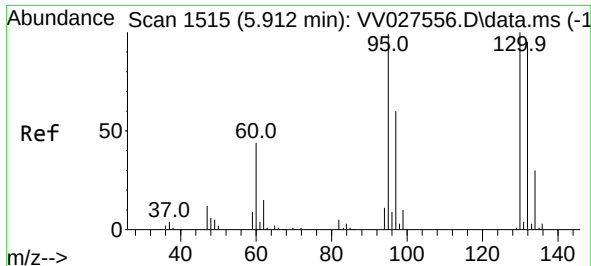
Tgt Ion:117 Resp: 101020
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1



#33
Benzene
Concen: 4.879 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 78 Resp: 268680

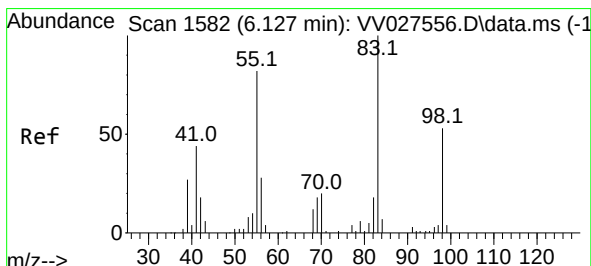
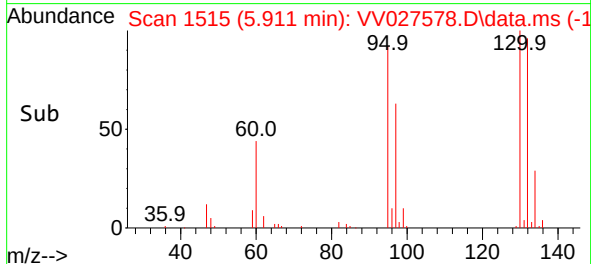
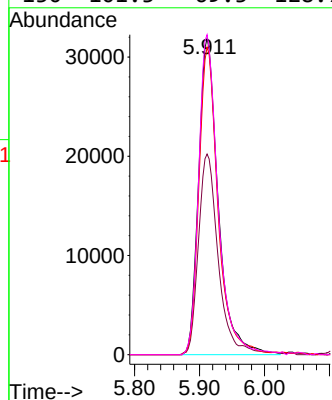
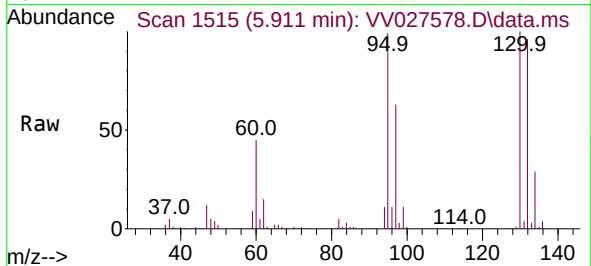




#34
Trichloroethene
Concen: 4.666 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

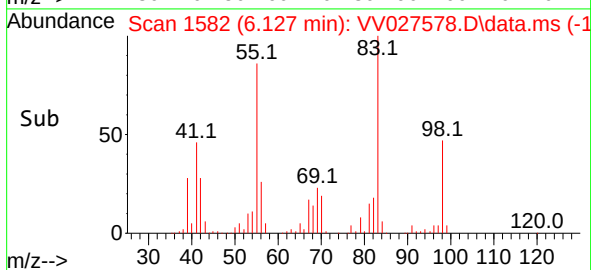
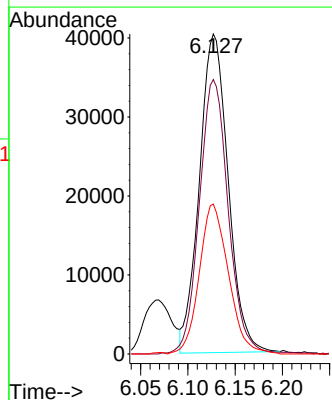
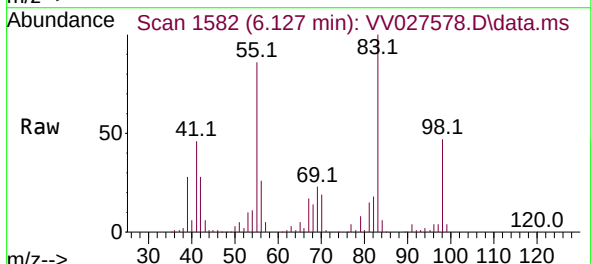
Instrument :
MSVOA_V
ClientSampleId :

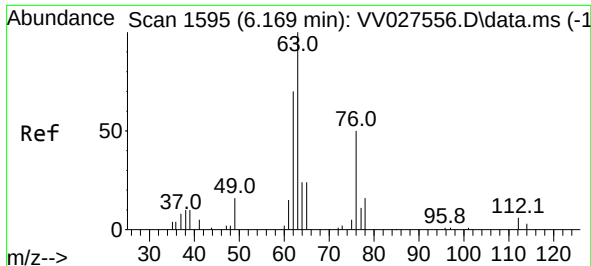
Tgt Ion: 95 Resp: 67623
Ion Ratio Lower Upper
95 100
97 63.5 45.0 83.6
132 97.4 65.7 121.9
130 101.3 69.3 128.7



#35
Methylcyclohexane
Concen: 4.195 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 83 Resp: 85511
Ion Ratio Lower Upper
83 100
55 86.5 68.2 102.4
98 47.6 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.778 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

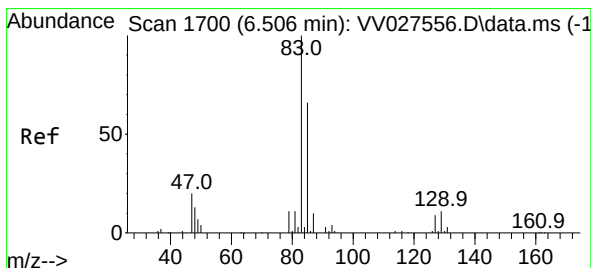
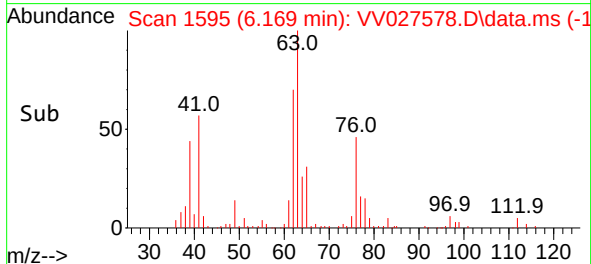
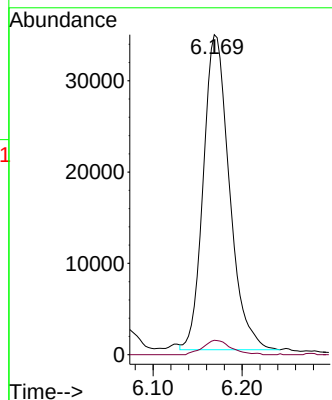
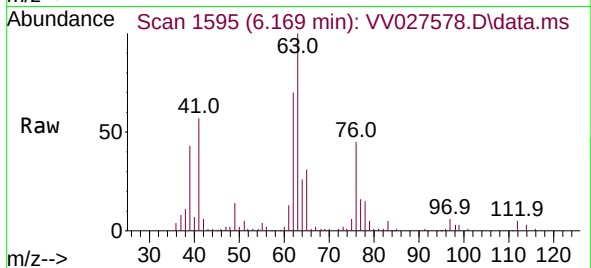
ClientSampleId :

Tgt Ion: 63 Resp: 70148

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 5.007 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

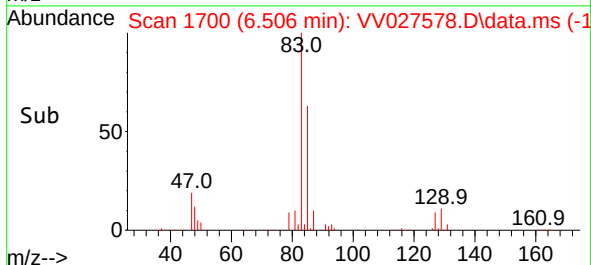
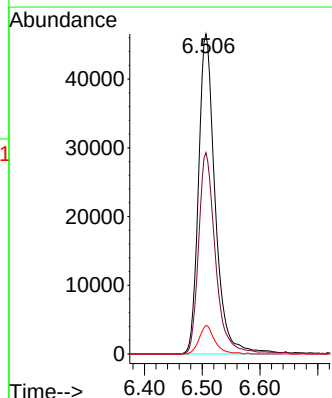
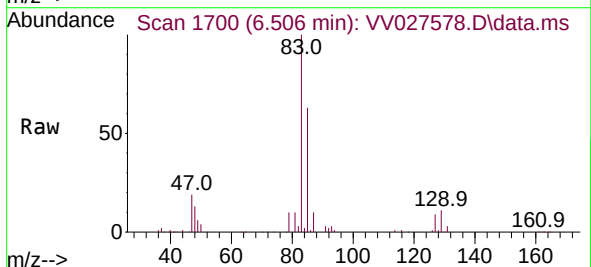
Tgt Ion: 83 Resp: 93212

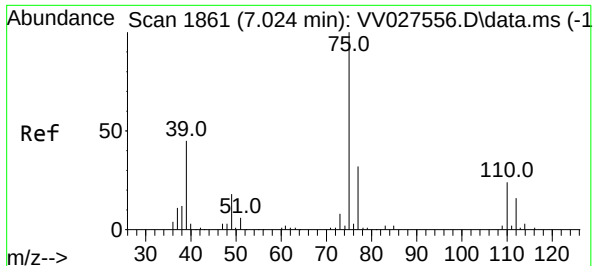
Ion Ratio Lower Upper

83 100

85 62.9 45.3 84.1

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.745 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

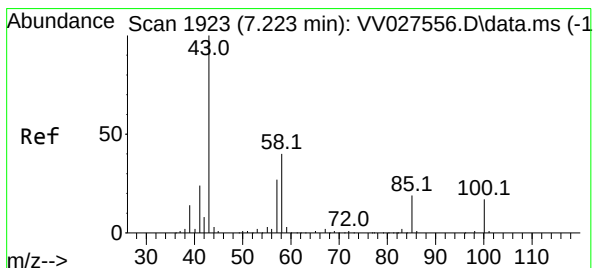
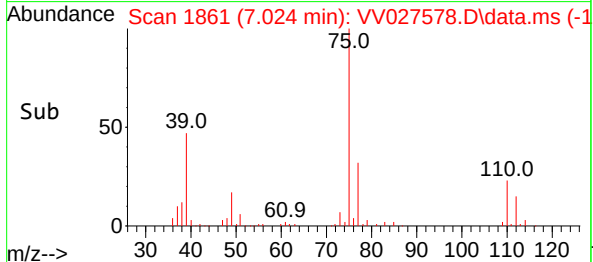
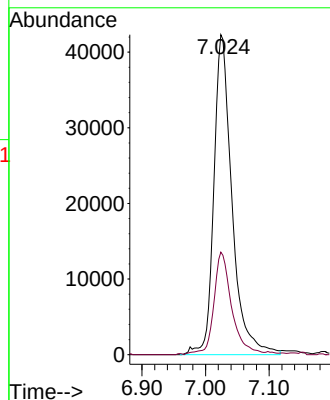
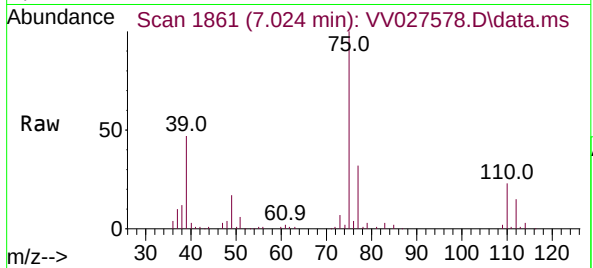
ClientSampleId :

Tgt Ion: 75 Resp: 84005

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.571 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

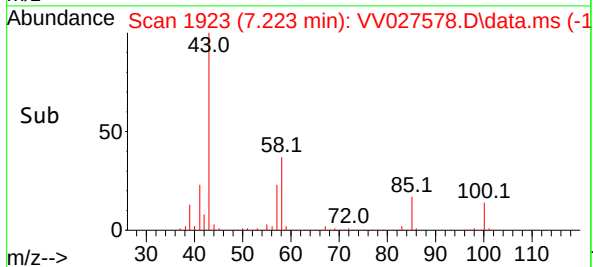
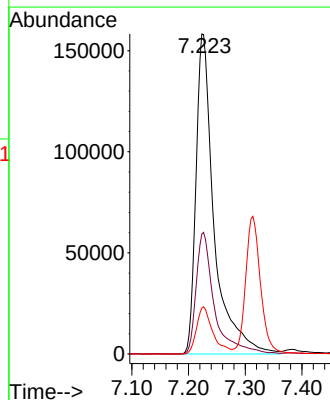
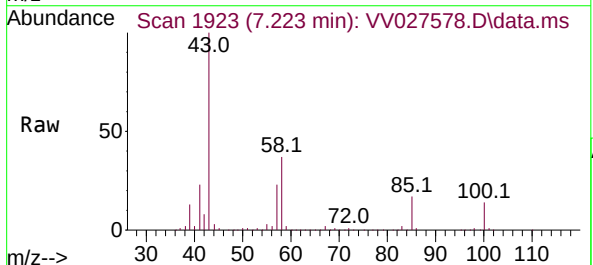
Tgt Ion: 43 Resp: 351432

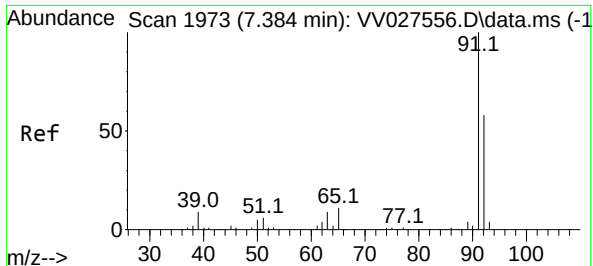
Ion Ratio Lower Upper

43 100

58 38.2 30.6 45.8

100 13.2 11.0 16.4





#42

Toluene

Concen: 5.036 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

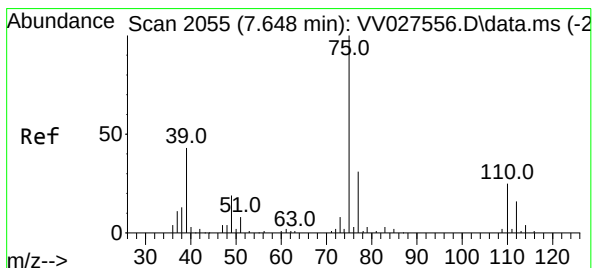
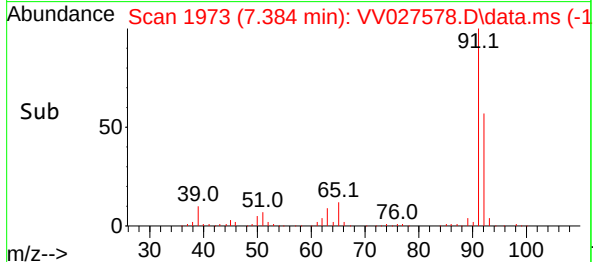
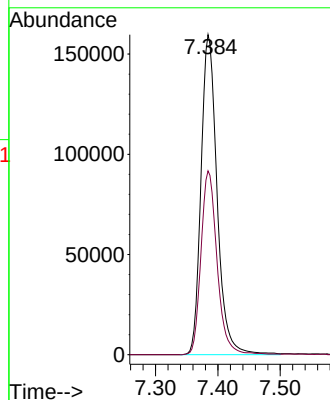
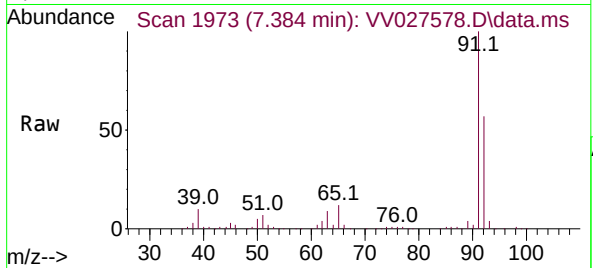
ClientSampleId :

Tgt Ion: 91 Resp: 286262

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.878 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027578.D

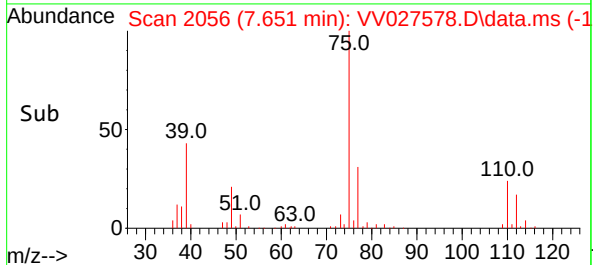
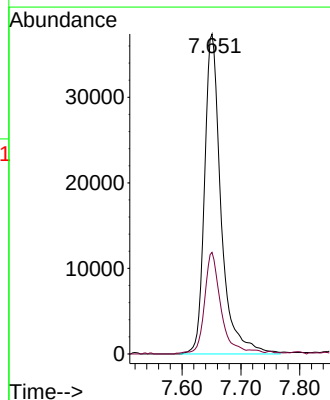
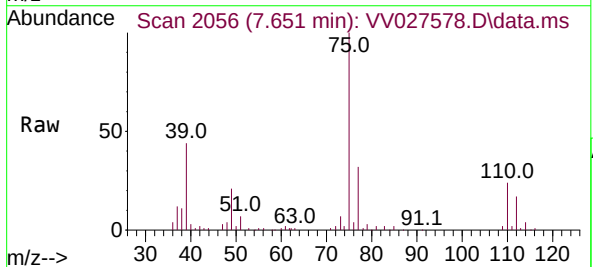
Acq: 30 Aug 2022 11:46

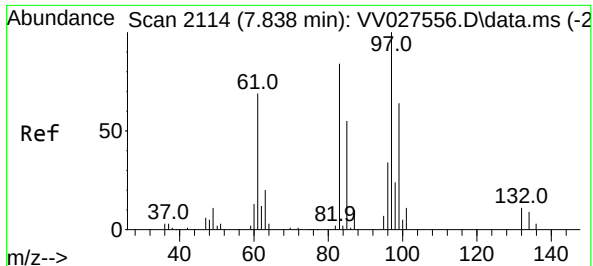
Tgt Ion: 75 Resp: 73009

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.084 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.003 min

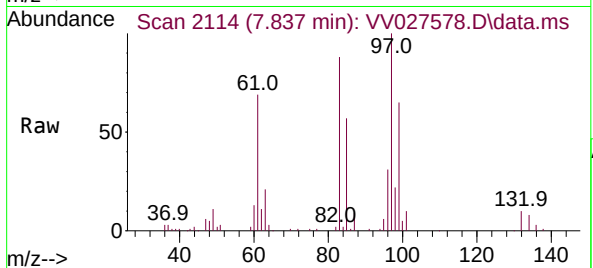
Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 47719

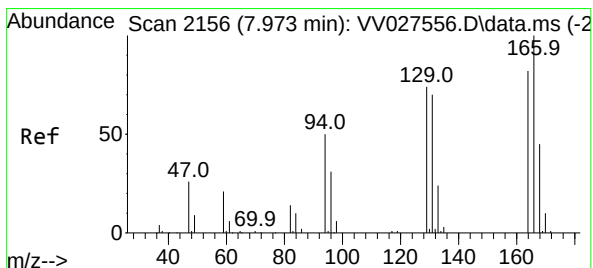
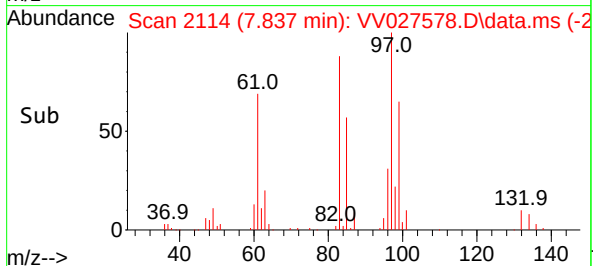
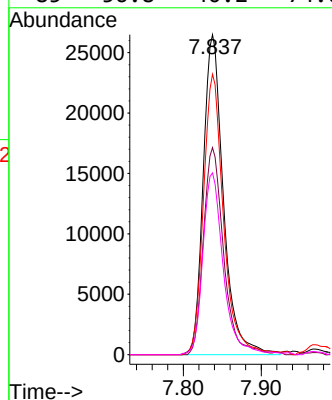
Ion Ratio Lower Upper

97 100

99 64.7 46.1 85.7

83 87.6 63.0 117.0

85 56.8 40.2 74.6



#47

Tetrachloroethene

Concen: 4.515 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Tgt Ion: 164 Resp: 50975

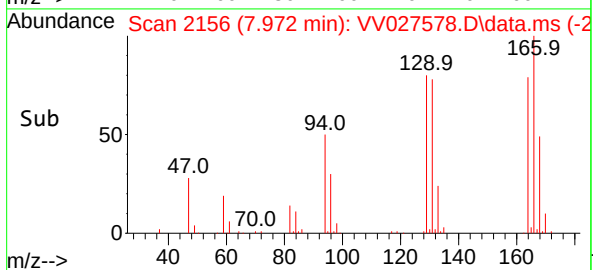
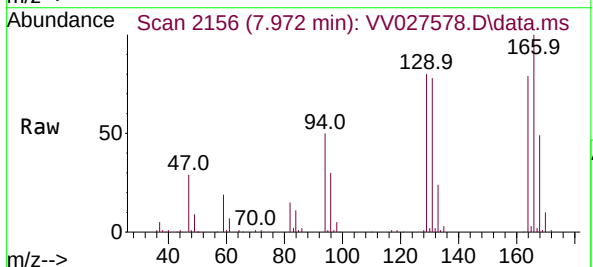
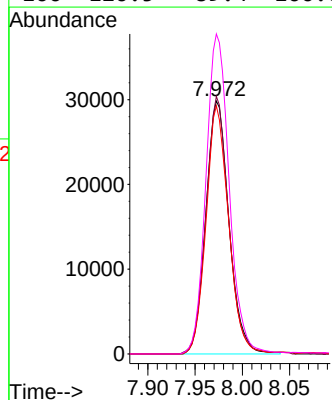
Ion Ratio Lower Upper

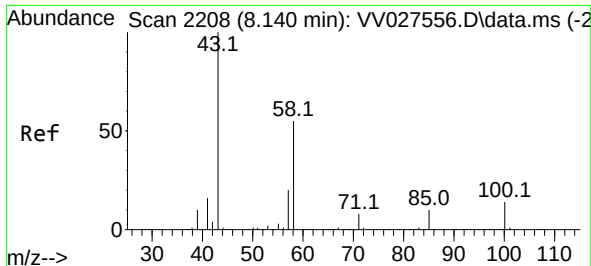
164 100

129 101.8 71.1 132.1

131 98.1 64.5 119.9

166 126.5 89.4 166.0

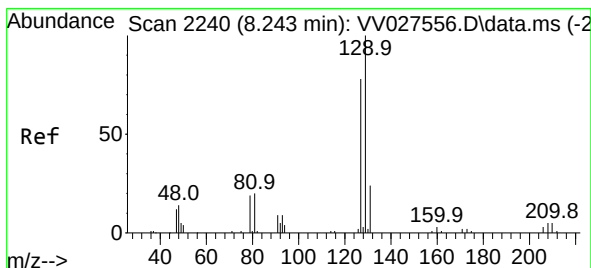
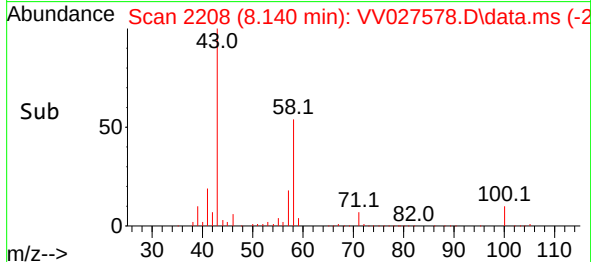
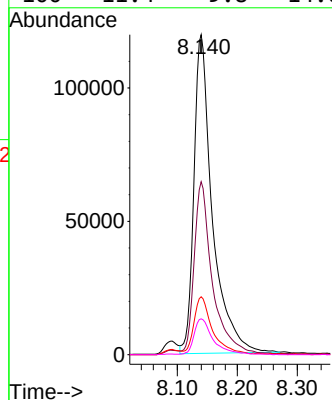
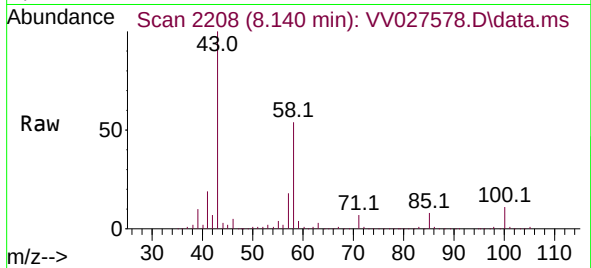




#48
2-Hexanone
Concen: 54.237 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

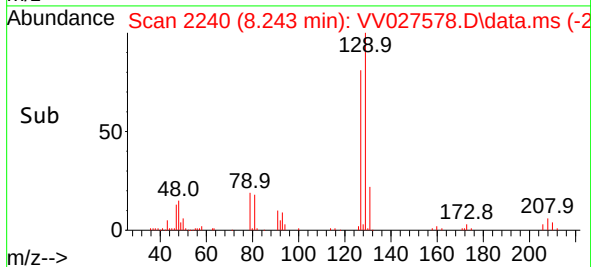
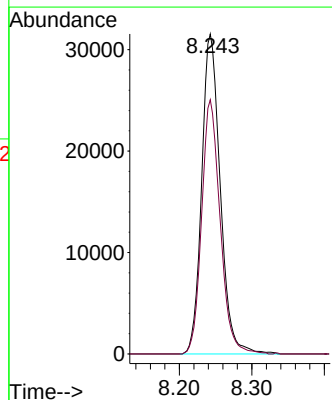
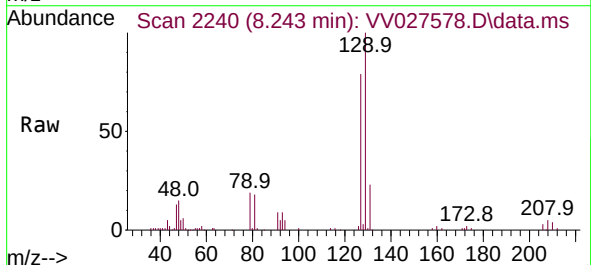
Instrument :
MSVOA_V
ClientSampleId :

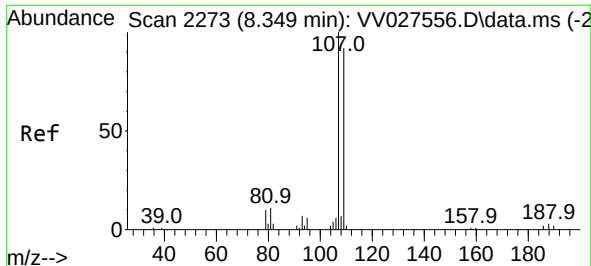
Tgt Ion: 43 Resp: 256376
Ion Ratio Lower Upper
43 100
58 52.9 41.3 61.9
57 17.8 14.9 22.3
100 11.4 9.8 14.6



#49
Dibromochloromethane
Concen: 4.860 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 129 Resp: 56106
Ion Ratio Lower Upper
129 100
127 79.4 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.066 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027578.D

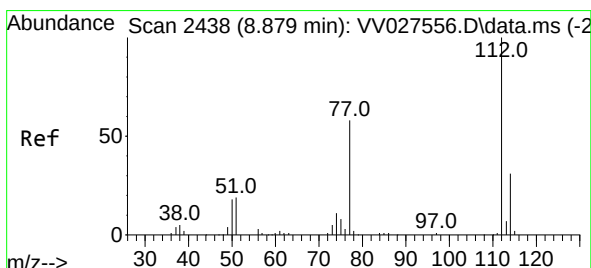
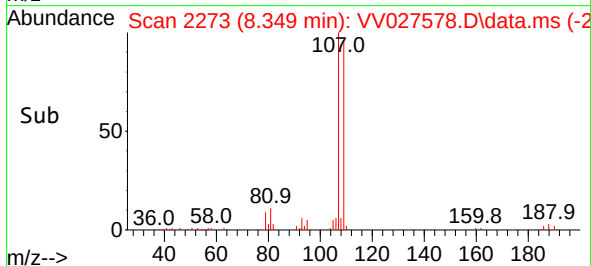
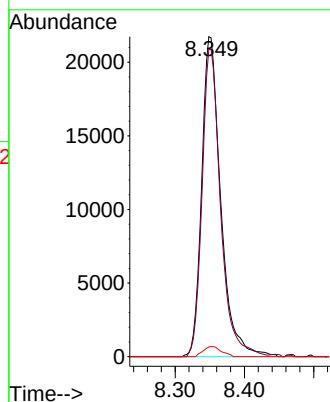
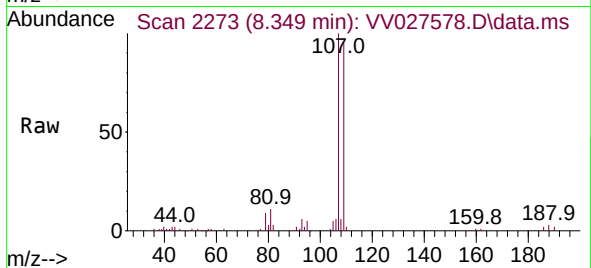
Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	41508
Ion	Ratio	Lower	Upper
107	100		
109	96.0	67.8	125.8
188	3.0	3.5	5.3#



#51

Chlorobenzene

Concen: 4.854 ug/L

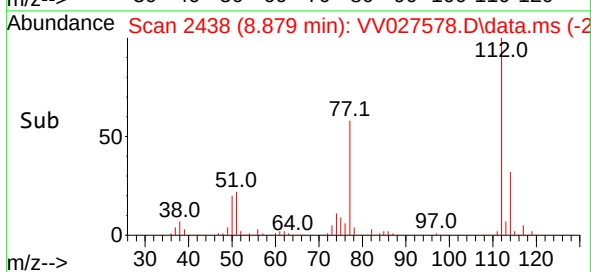
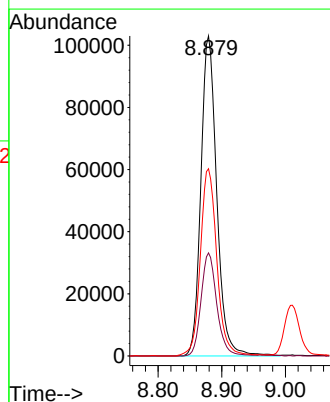
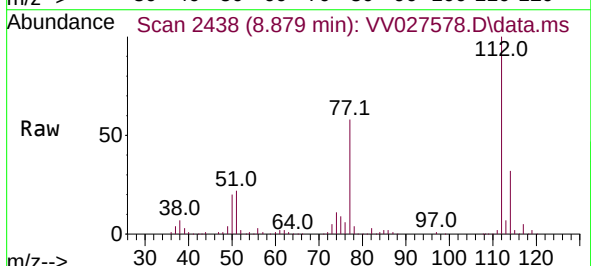
RT: 8.879 min Scan# 2438

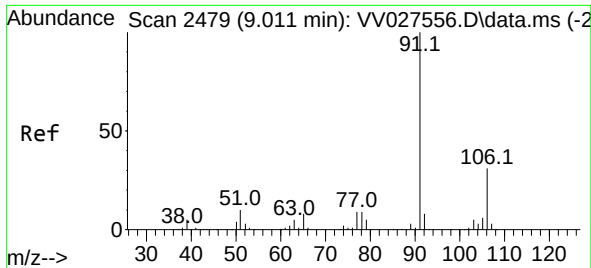
Delta R.T. -0.000 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Tgt Ion:	112	Resp:	178594
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	58.5	46.2	69.4

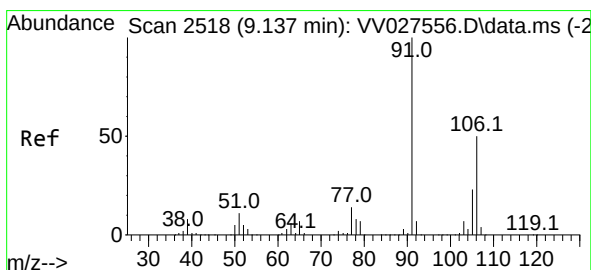
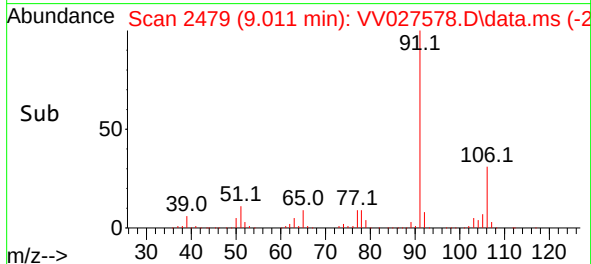
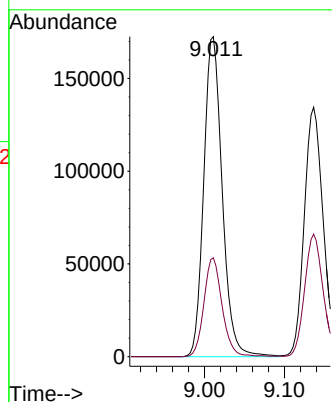
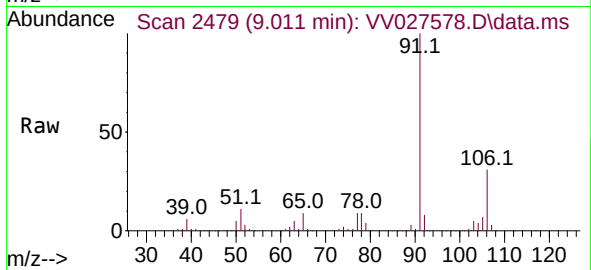




#52
Ethylbenzene
Concen: 4.789 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

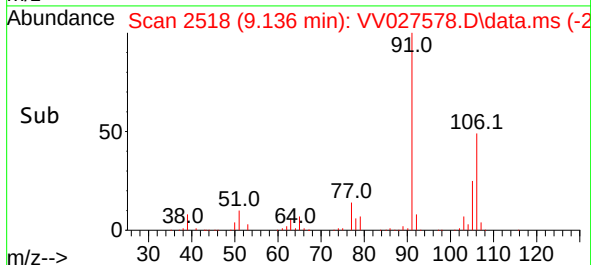
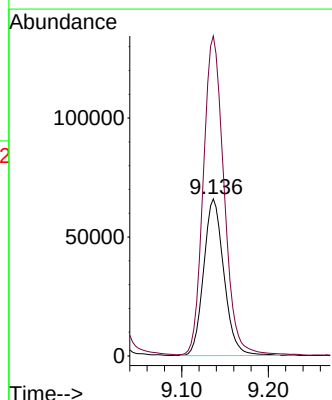
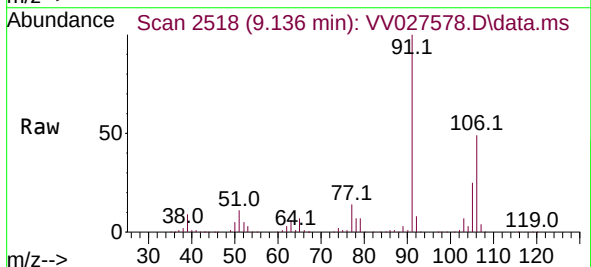
Instrument :
MSVOA_V
ClientSampleId :

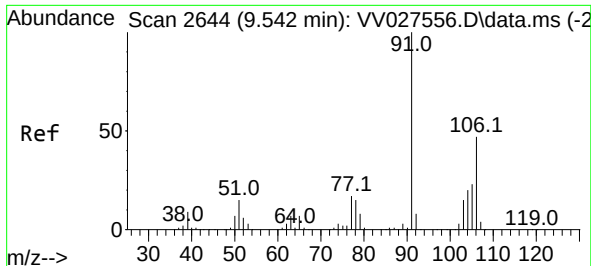
Tgt Ion: 91 Resp: 277883
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 4.828 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 106 Resp: 107212
Ion Ratio Lower Upper
106 100
91 203.7 143.8 267.0

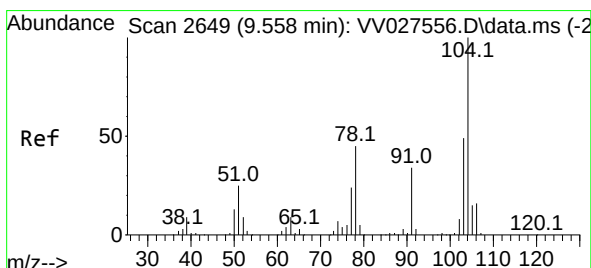
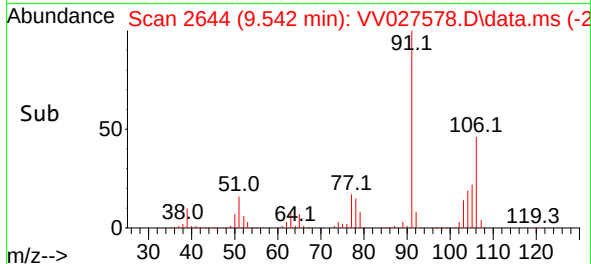
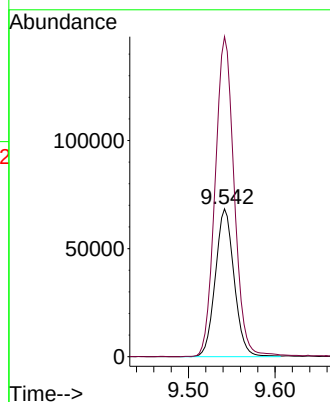
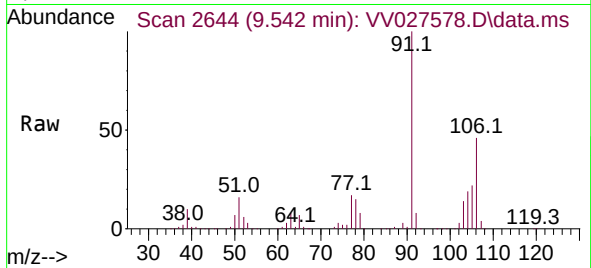




#54
o-Xylene
Concen: 4.801 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

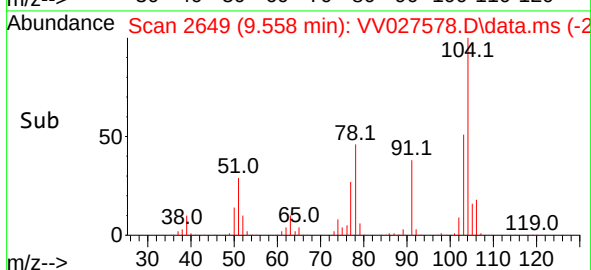
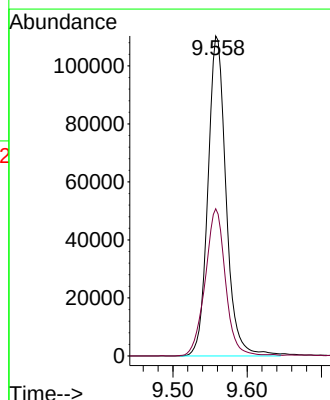
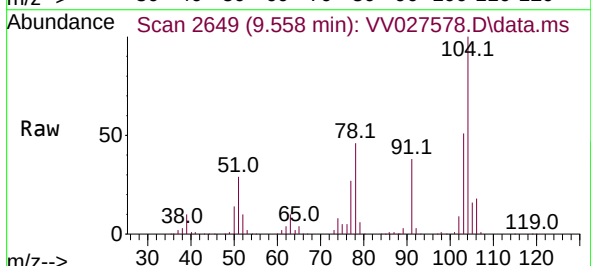
Instrument :
MSVOA_V
ClientSampleId :

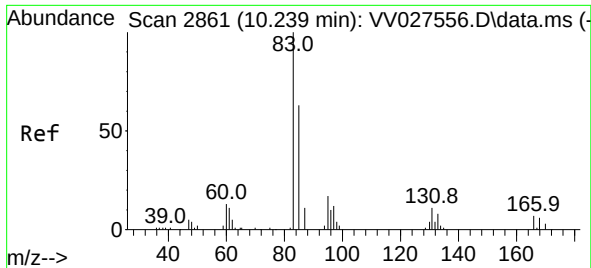
Tgt Ion:106 Resp: 103392
Ion Ratio Lower Upper
106 100
91 216.4 151.6 281.6



#55
Styrene
Concen: 5.105 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion:104 Resp: 187056
Ion Ratio Lower Upper
104 100
78 46.0 32.0 59.4

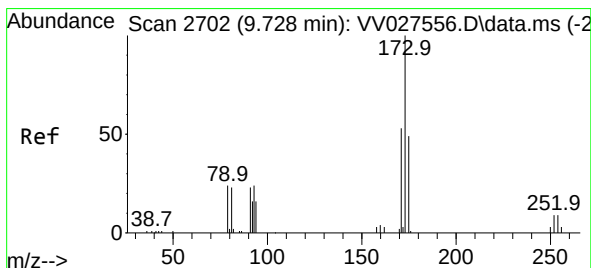
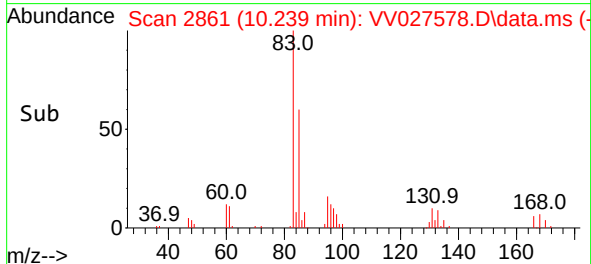
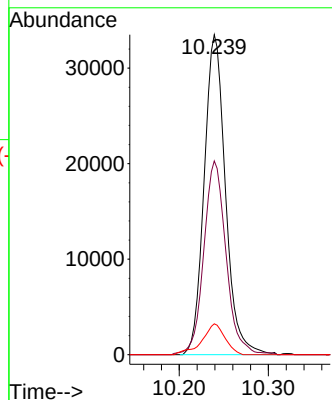
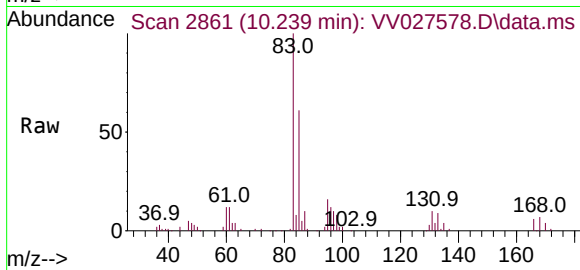




#57
1,1,2,2-Tetrachloroethane
Concen: 5.261 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

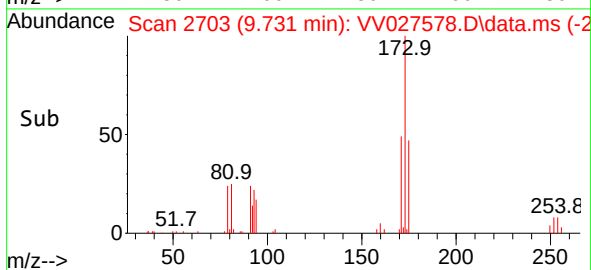
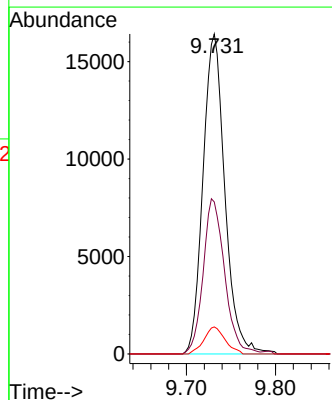
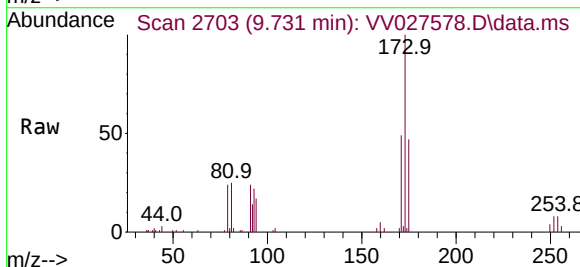
Instrument :
MSVOA_V
ClientSampleId :

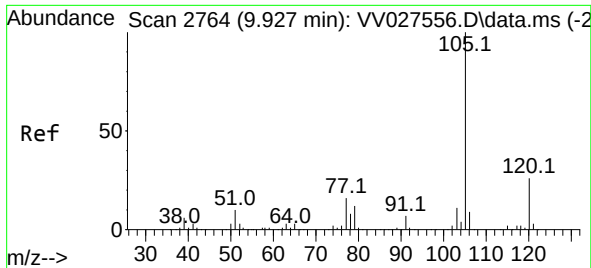
Tgt Ion: 83 Resp: 55629
Ion Ratio Lower Upper
83 100
85 60.5 44.1 81.9
131 9.7 7.3 10.9



#59
Bromoform
Concen: 4.832 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 173 Resp: 27981
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.6
254 8.2 7.1 10.7

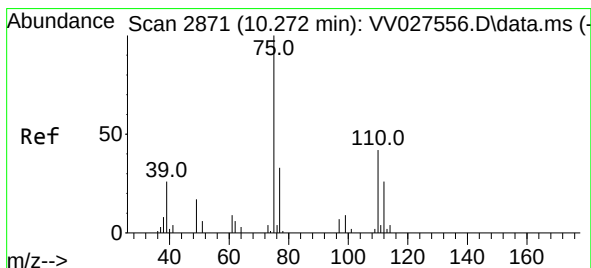
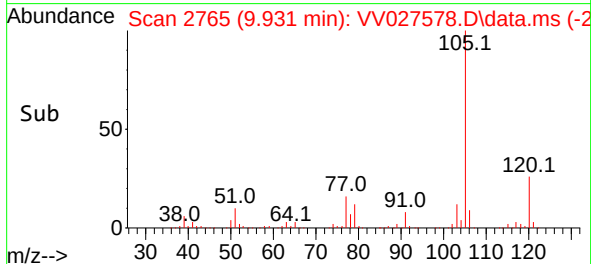
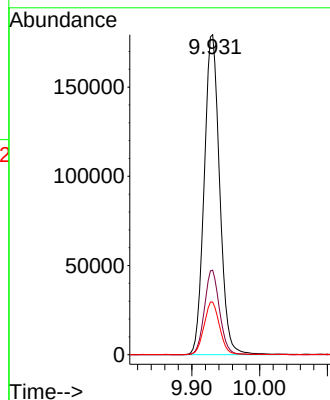
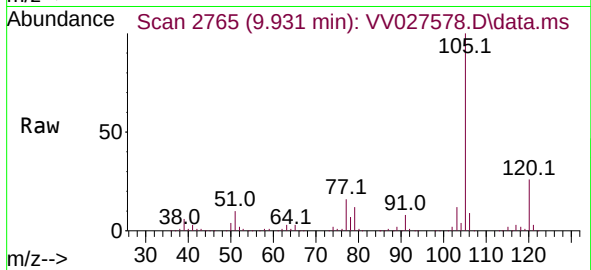




#60
Isopropylbenzene
Concen: 4.999 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

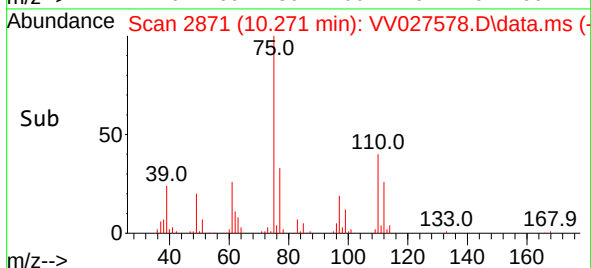
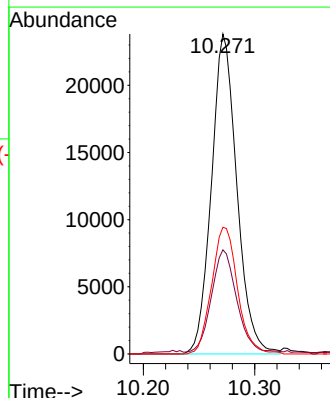
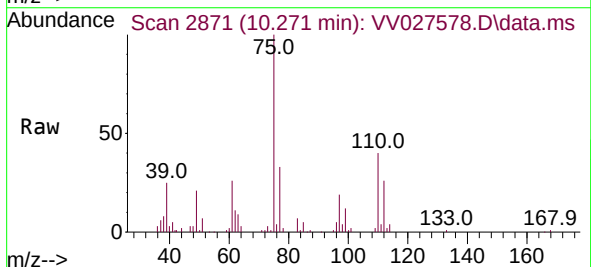
Instrument :
MSVOA_V
ClientSampleId :

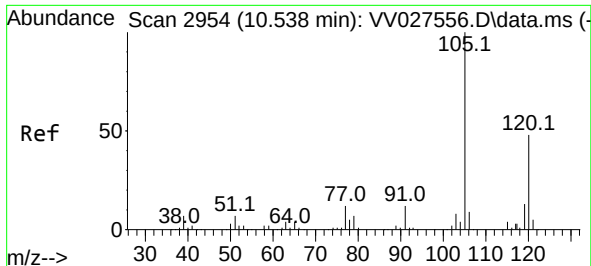
Tgt Ion:105 Resp: 284199
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.988 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 75 Resp: 37811
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 40.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.594 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

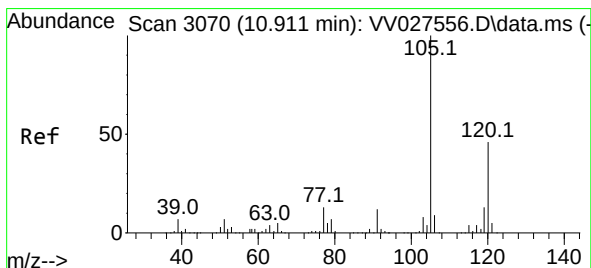
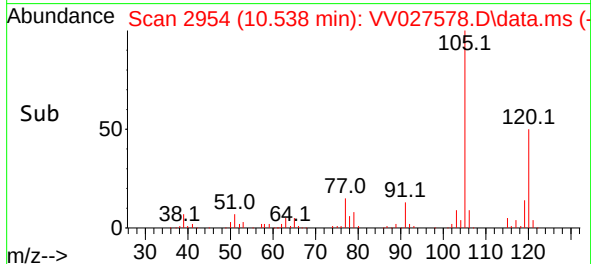
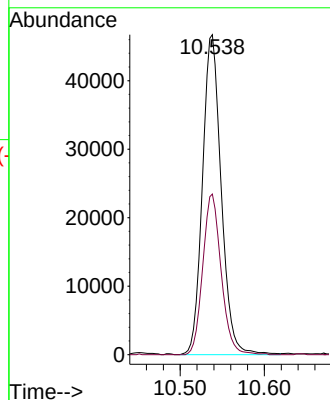
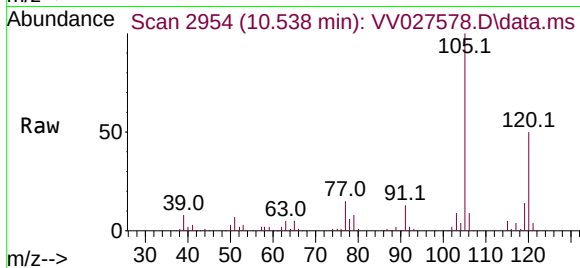
ClientSampleId :

Tgt Ion:105 Resp: 72423

Ion Ratio Lower Upper

105 100

120 49.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.716 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027578.D

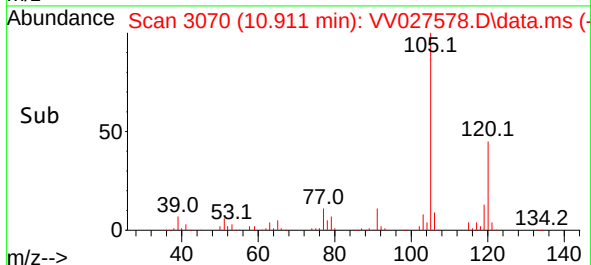
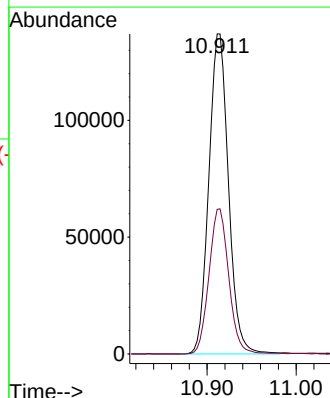
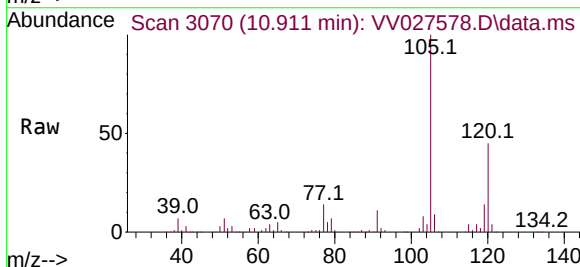
Acq: 30 Aug 2022 11:46

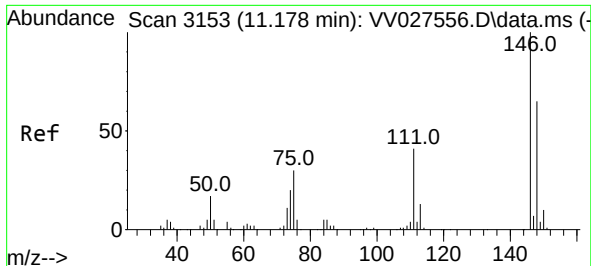
Tgt Ion:105 Resp: 209452

Ion Ratio Lower Upper

105 100

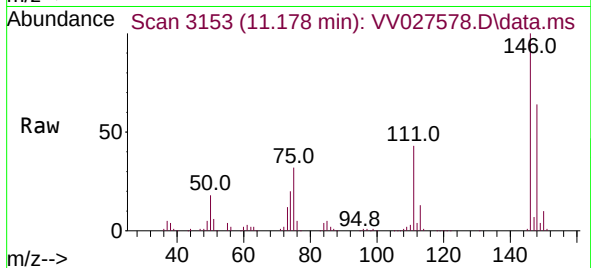
120 45.8 35.8 53.6



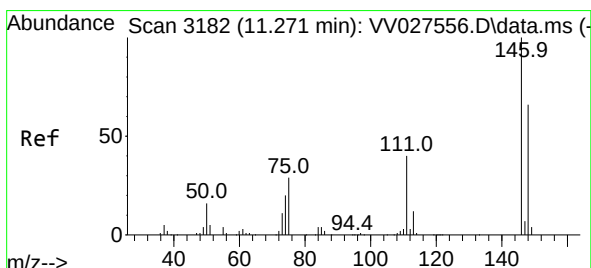
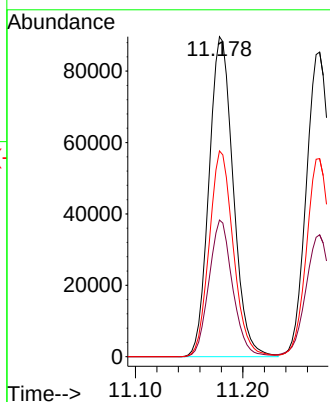
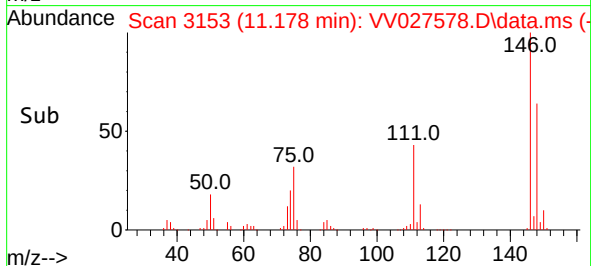


#64
1,3-Dichlorobenzene
Concen: 5.013 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

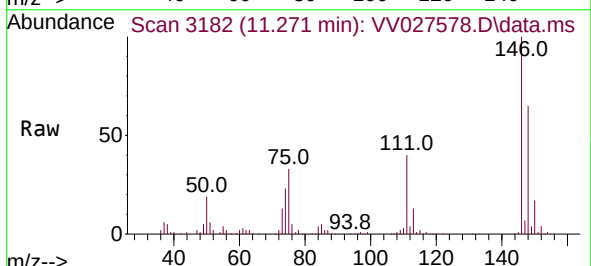
Instrument :
MSVOA_V
ClientSampleId :



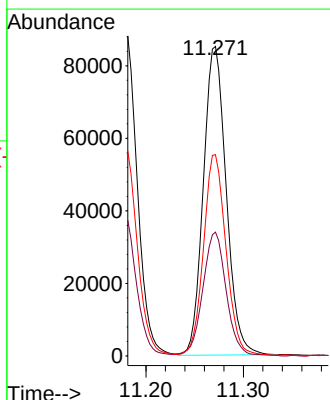
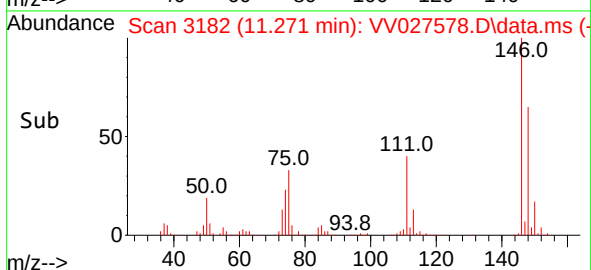
Tgt Ion:146 Resp: 140435
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.4
148 64.3 44.0 81.6

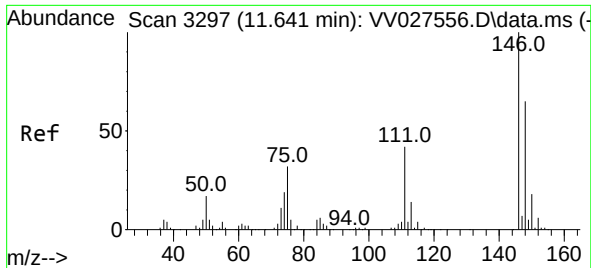


#65
1,4-Dichlorobenzene
Concen: 4.979 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46



Tgt Ion:146 Resp: 139042
Ion Ratio Lower Upper
146 100
111 40.0 26.6 49.4
148 65.0 42.6 79.0

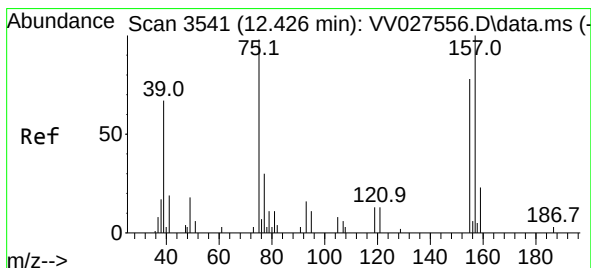
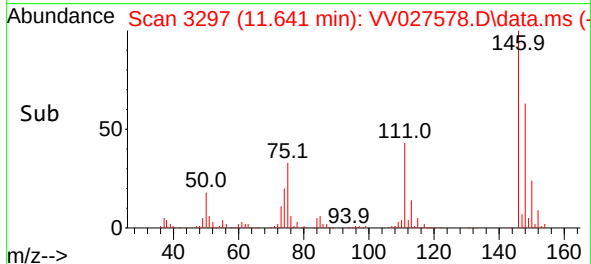
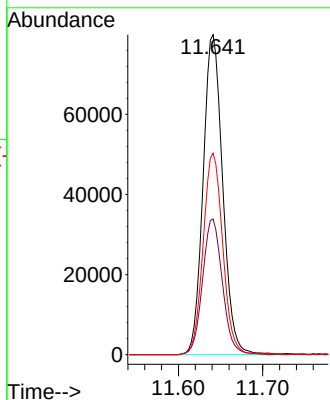
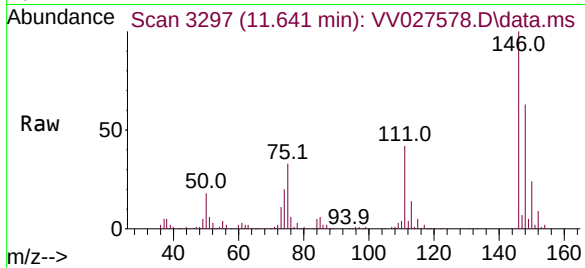




#67
1,2-Dichlorobenzene
Concen: 5.102 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

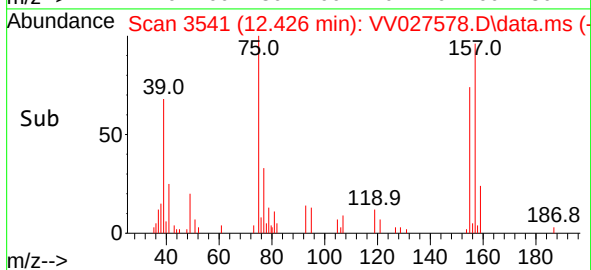
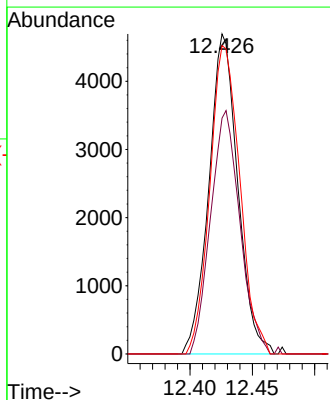
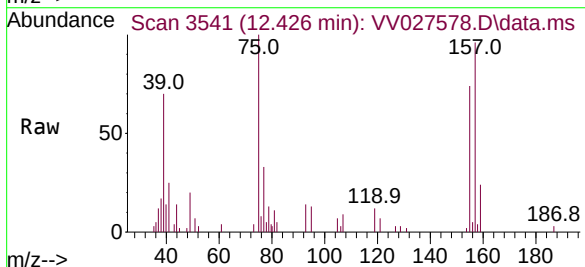
Instrument :
MSVOA_V
ClientSampleId :

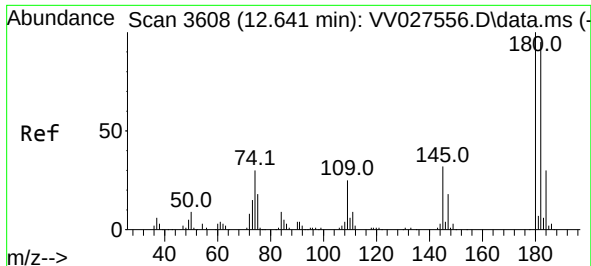
Tgt Ion:146 Resp: 129578
Ion Ratio Lower Upper
146 100
111 42.4 34.5 51.7
148 63.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.503 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion: 75 Resp: 7584
Ion Ratio Lower Upper
75 100
155 73.7 63.1 94.7
157 96.3 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 4.882 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

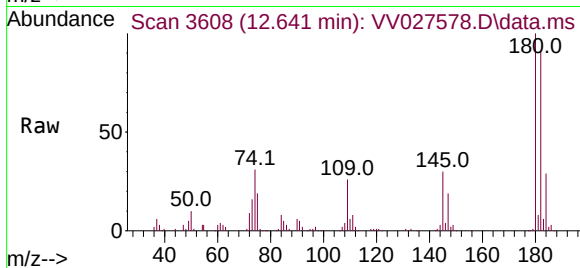
Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 102076

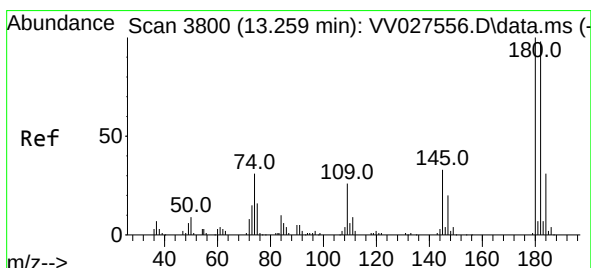
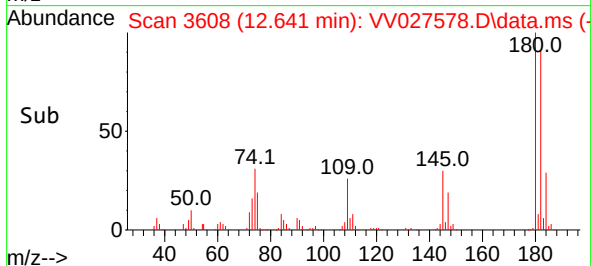
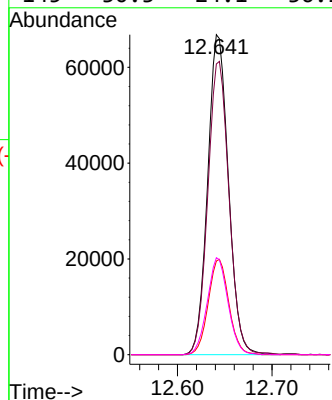
Ion Ratio Lower Upper

180 100

182 93.6 74.1 111.1

184 29.5 23.2 34.8

145 30.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.724 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027578.D

Acq: 30 Aug 2022 11:46

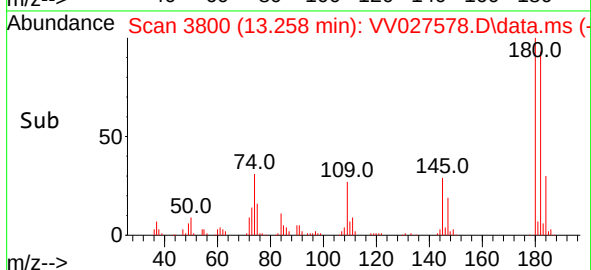
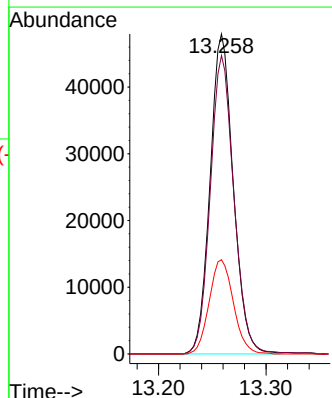
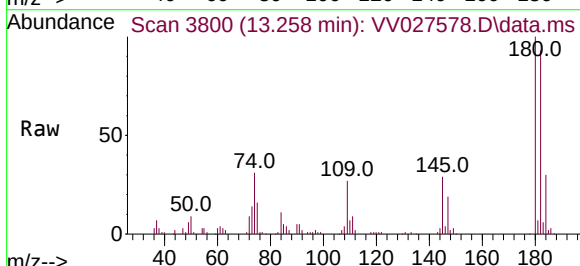
Tgt Ion:180 Resp: 71785

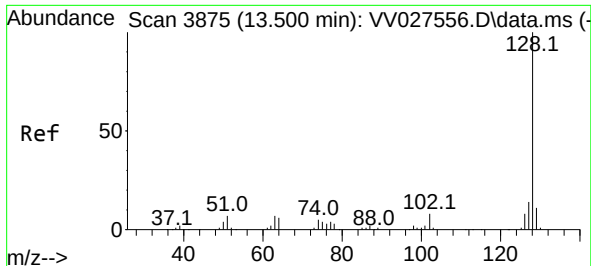
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 30.7 24.9 37.3

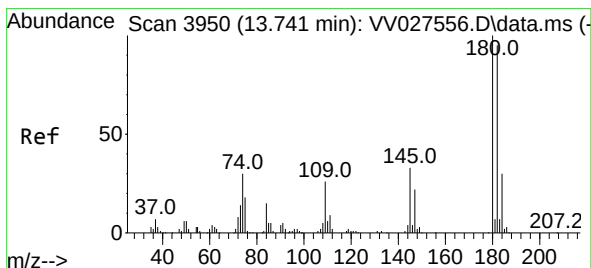
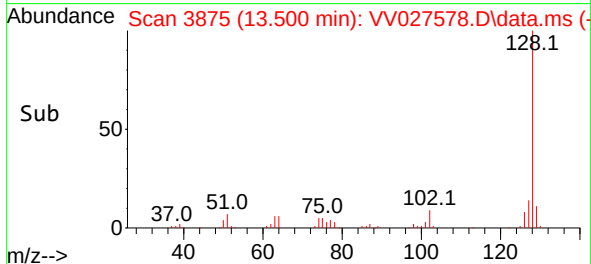
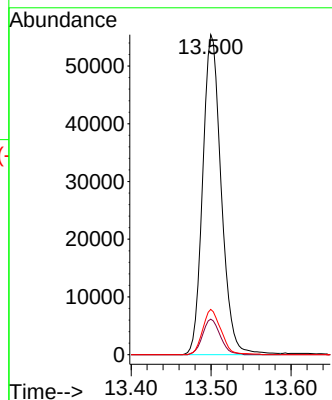
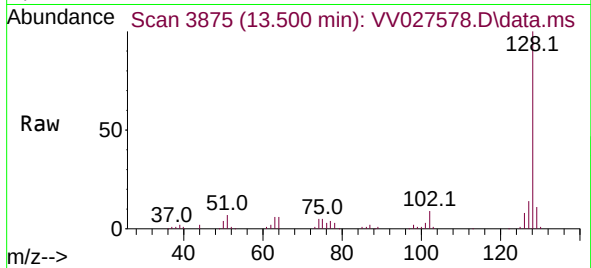




#71
Naphthalene
Concen: 4.276 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 89684
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 14.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.781 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027578.D
Acq: 30 Aug 2022 11:46

Tgt Ion:180 Resp: 64517
Ion Ratio Lower Upper
180 100
182 94.2 75.3 112.9
145 33.7 26.6 39.8

