

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027456.D
 Acq On : 22 Aug 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	136237	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39785	4.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.564	69	38548	5.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.108	63	99086	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.892	46	45061	37.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.680%
24) Chloroform-d	4.346	84	84618	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.031	65	35205	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.047	84	154400	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	42584	4.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.313	98	147182	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.622	79	16242	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.092	63	48789	40.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29249	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	42517	4.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	74338	5.142	ug/L	100
3) Chloromethane	1.240	50	59383	4.704	ug/L	100
5) Vinyl chloride	1.310	62	59966	4.719	ug/L	99
6) Bromomethane	1.519	94	38230	6.084	ug/L	100
8) Chloroethane	1.584	64	47118	6.345	ug/L	99
9) Trichlorofluoromethane	1.751	101	106056	5.253	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60592	5.317	ug/L	98
12) 1,1-Dichloroethene	2.114	96	52618	5.104	ug/L	95
13) Acetone	2.172	43	46458	40.315	ug/L	98
14) Carbon disulfide	2.291	76	140070	4.951	ug/L	100
15) Methyl Acetate	2.433	43	13677	4.286	ug/L	# 88
16) Methylene chloride	2.503	84	55459	3.569	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	100218	4.699	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	53338	5.023	ug/L	98
19) 1,1-Dichloroethane	3.185	63	107697	4.899	ug/L	99
21) 2-Butanone	3.976	43	65744	42.869	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	55057	4.865	ug/L	96
23) Bromochloromethane	4.243	128	24387	4.886	ug/L	96
25) Chloroform	4.371	83	118730	4.967	ug/L	95

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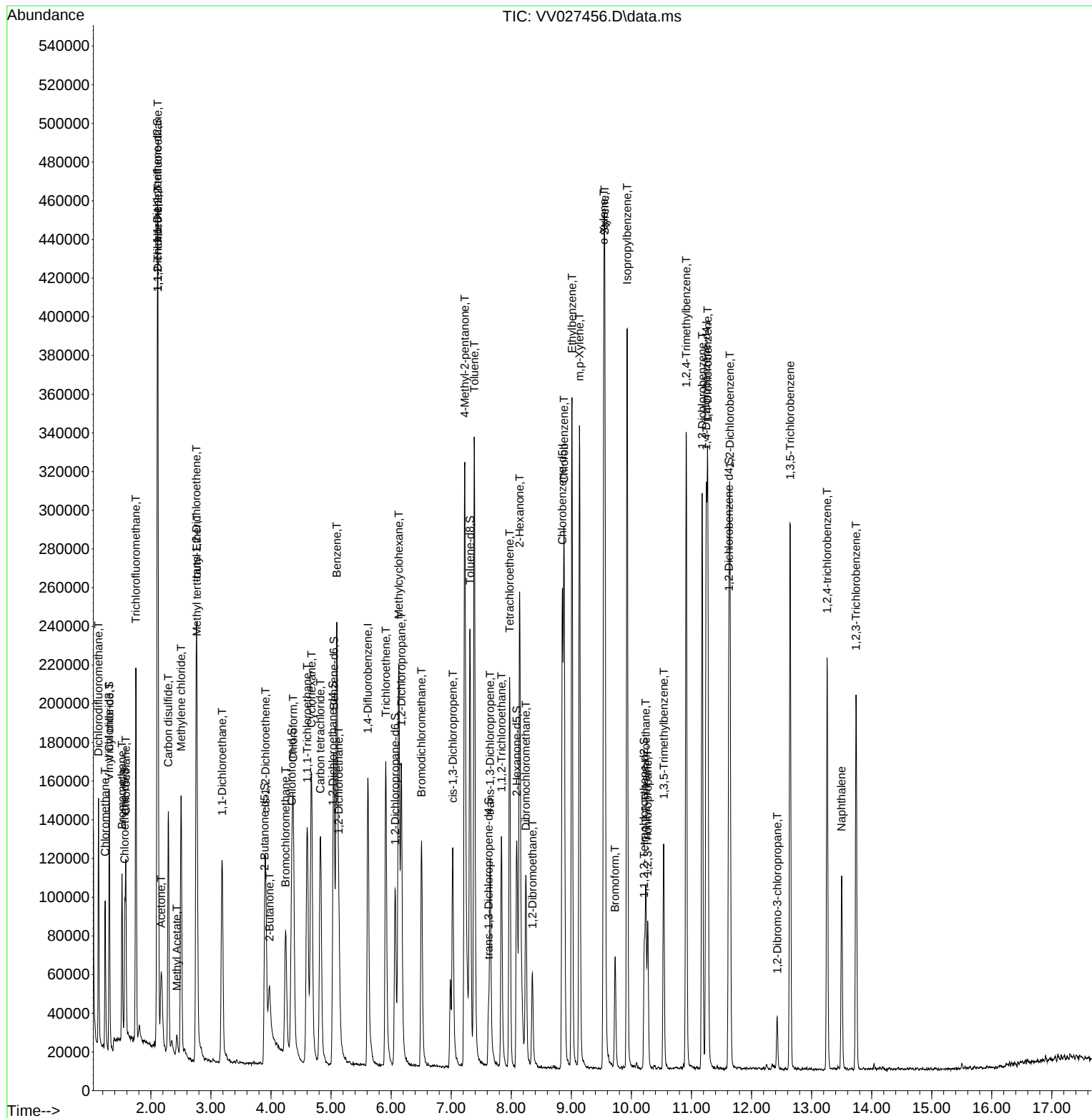
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60808	5.006	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	105516	5.225	ug/L	100
30) Cyclohexane	4.674	56	77269	4.985	ug/L	97
31) Carbon tetrachloride	4.822	117	95572	5.442	ug/L	98
33) Benzene	5.095	78	229807	5.254	ug/L	100
34) Trichloroethene	5.912	95	58258	5.061	ug/L	98
35) Methylcyclohexane	6.127	83	79519	4.912	ug/L	98
37) 1,2-Dichloropropane	6.172	63	59233	5.079	ug/L	100
38) Bromodichloromethane	6.506	83	81493	5.512	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	72358	5.146	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	261384	50.166	ug/L	97
42) Toluene	7.384	91	242661	5.375	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	63294	5.325	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	38156	5.118	ug/L	97
47) Tetrachloroethene	7.973	164	43897	4.895	ug/L	97
48) 2-Hexanone	8.140	43	181922	48.455	ug/L	96
49) Dibromochloromethane	8.243	129	50858	5.547	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33303	5.118	ug/L	99
51) Chlorobenzene	8.879	112	144479	4.944	ug/L	97
52) Ethylbenzene	9.011	91	233987	5.077	ug/L	99
53) m,p-Xylene	9.137	106	90006	5.104	ug/L	100
54) o-Xylene	9.542	106	86987	5.085	ug/L	100
55) Styrene	9.558	104	155774	5.353	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43287	5.155	ug/L	97
59) Bromoform	9.728	173	26464	5.584	ug/L	99
60) Isopropylbenzene	9.931	105	237417	5.102	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30936	4.987	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	62169	4.818	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	175965	4.841	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	116371	5.076	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	114214	4.997	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	104386	5.022	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6725	4.879	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	87204	5.096	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	62025	4.988	ug/L	98
71) Naphthalene	13.500	128	78103	4.550	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55425	5.018	ug/L	99

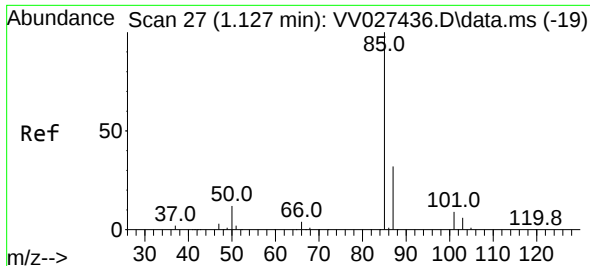
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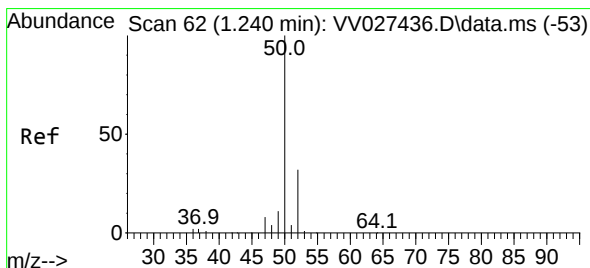
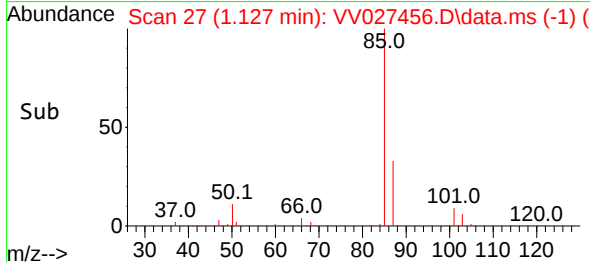
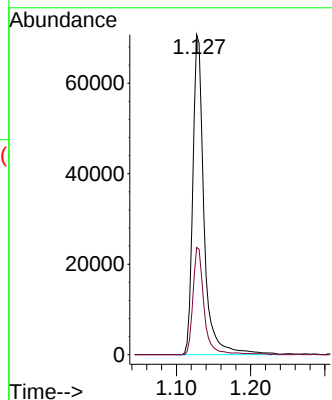
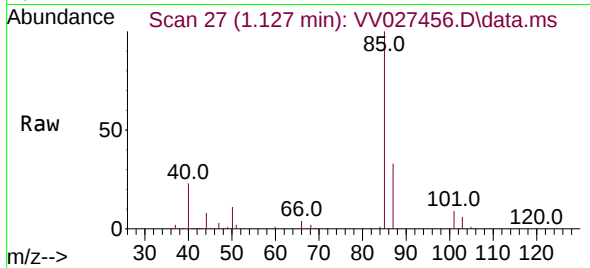




#2
 Dichlorodifluoromethane
 Concen: 5.142 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

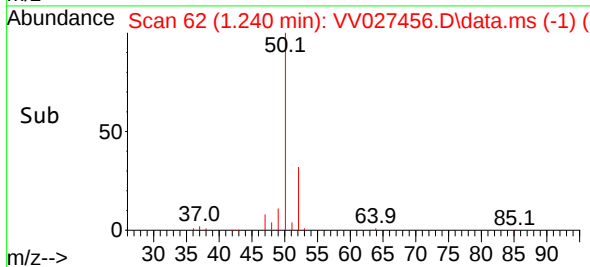
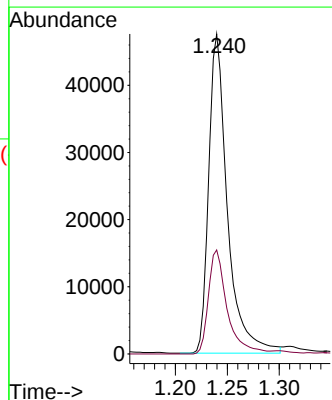
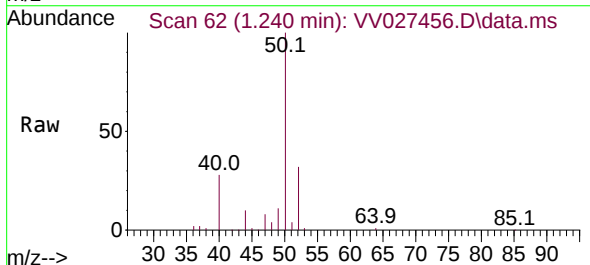
Instrument :
 MSVOA_V
 ClientSampleId :

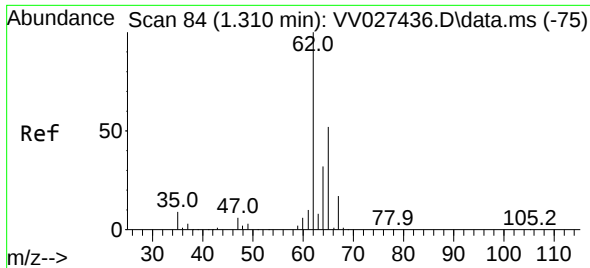
Tgt Ion: 85 Resp: 74338
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 4.704 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

Tgt Ion: 50 Resp: 59383
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.8 42.4

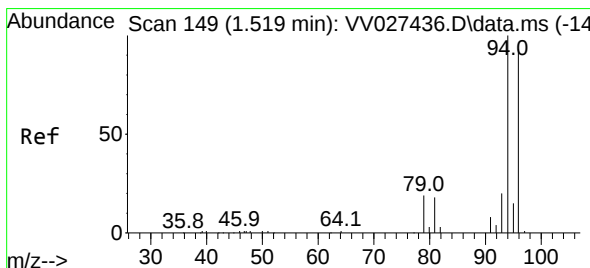
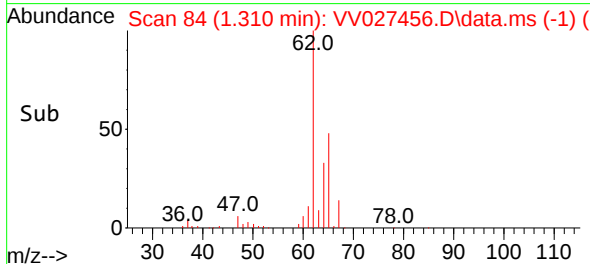
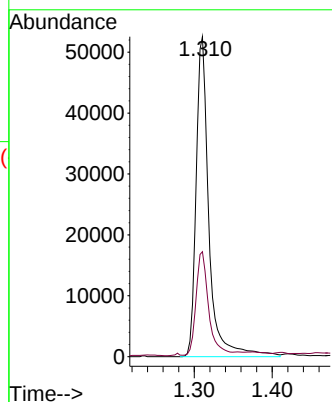
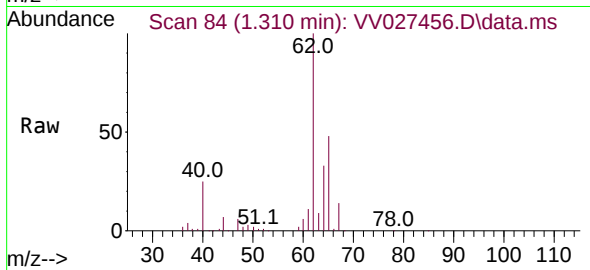




#5
 Vinyl chloride
 Concen: 4.719 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

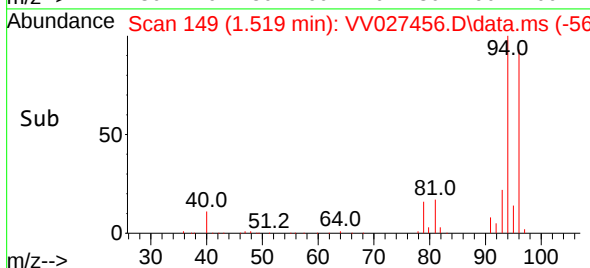
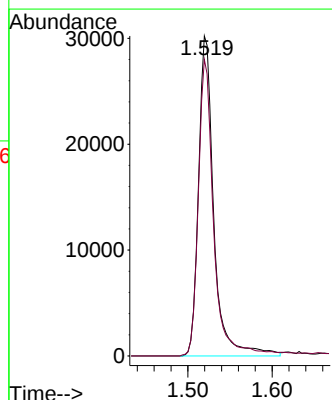
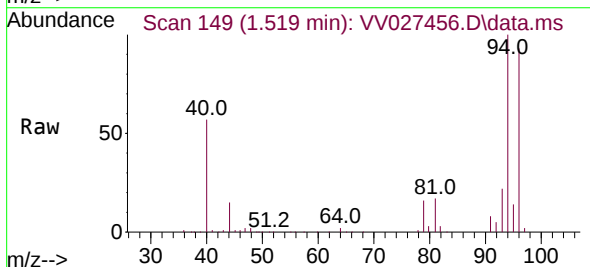
Instrument :
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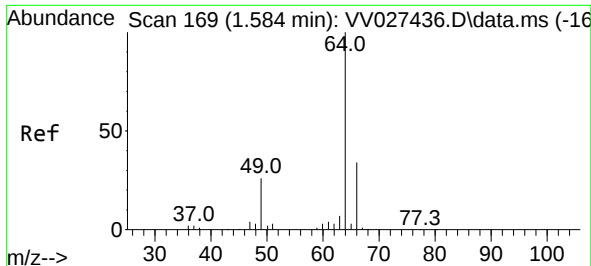
Tgt Ion: 62 Resp: 59966
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.6 42.0



#6
 Bromomethane
 Concen: 6.084 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

Tgt Ion: 94 Resp: 38230
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.2 121.0

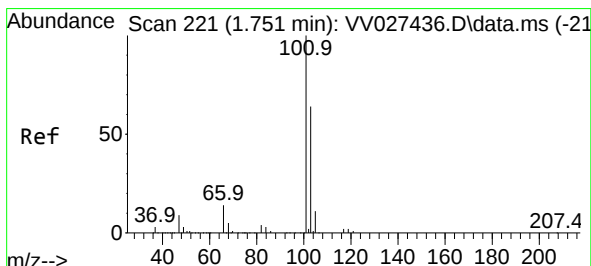
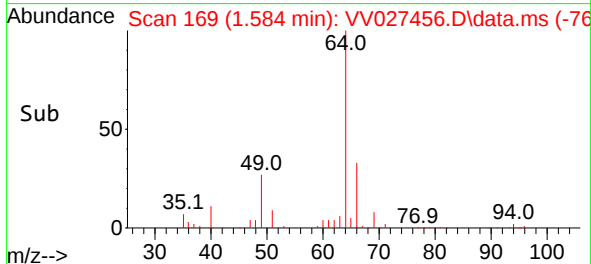
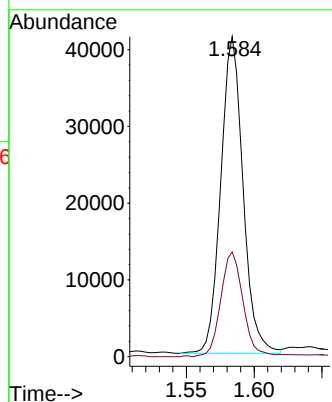
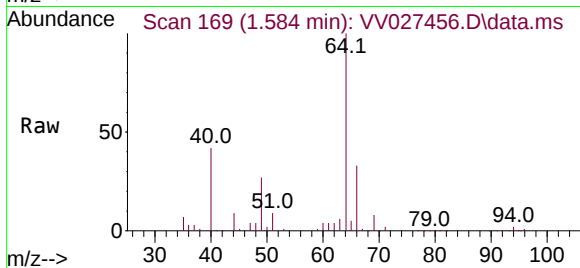




#8
Chloroethane
Concen: 6.345 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

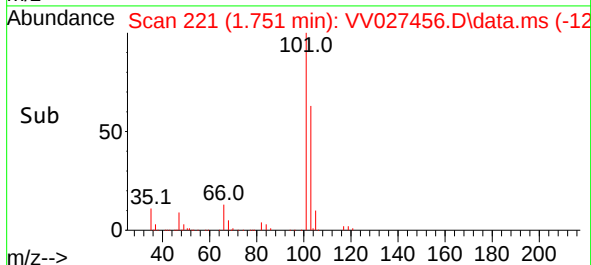
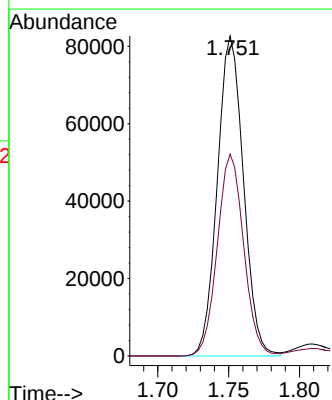
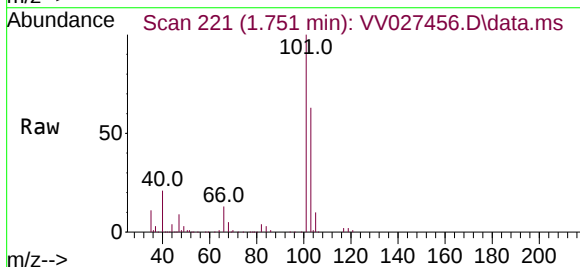
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MSVOA_V
ClientSampleId :

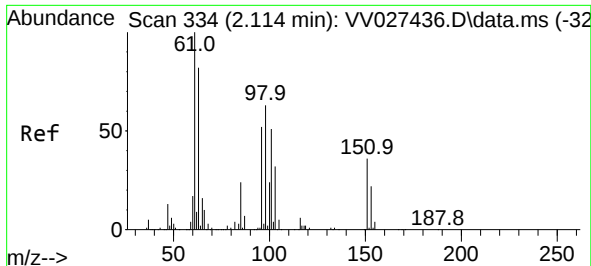
Tgt Ion: 64 Resp: 47118
Ion Ratio Lower Upper
64 100
66 32.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.253 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion:101 Resp: 106056
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3





#10

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

Concen: 5.317 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

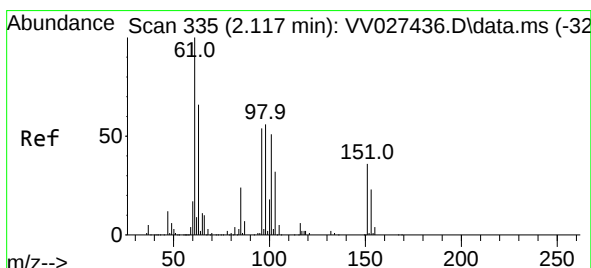
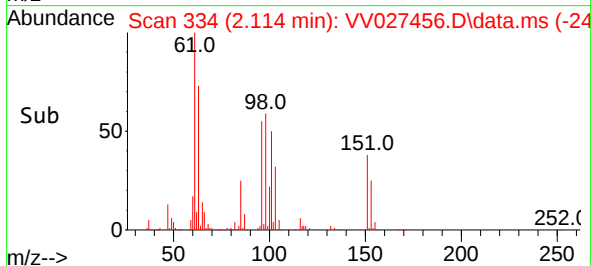
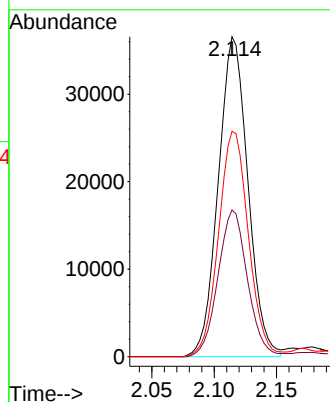
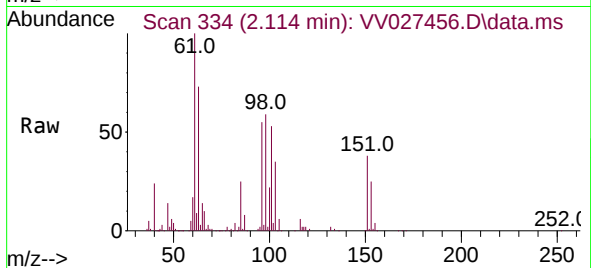
Tgt Ion:101 Resp: 60592

Ion Ratio Lower Upper

101 100

85 45.5 35.3 52.9

151 71.1 55.2 82.8



#12

1,1-Dichloroethene

Concen: 5.104 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

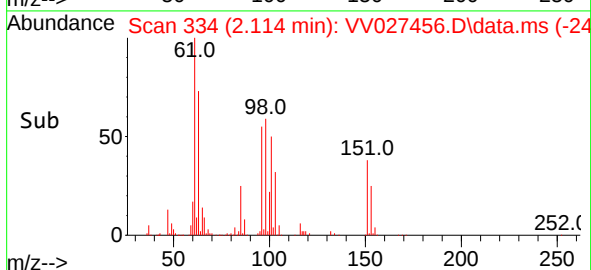
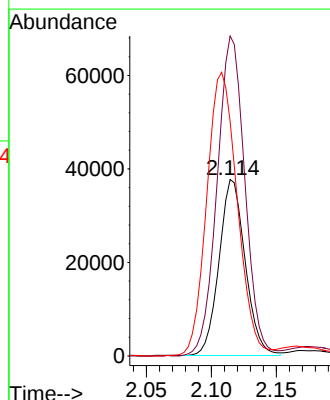
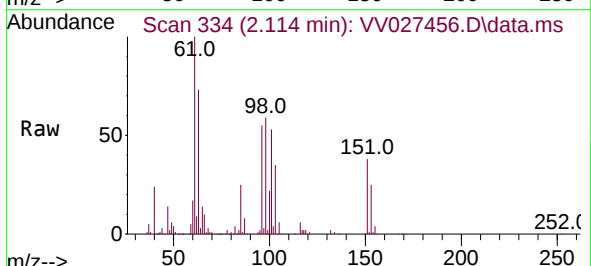
Tgt Ion: 96 Resp: 52618

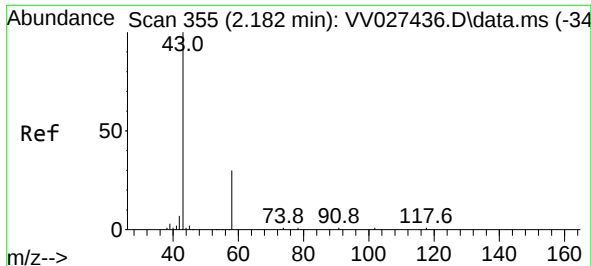
Ion Ratio Lower Upper

96 100

61 181.3 130.2 241.8

63 133.1 87.4 162.4

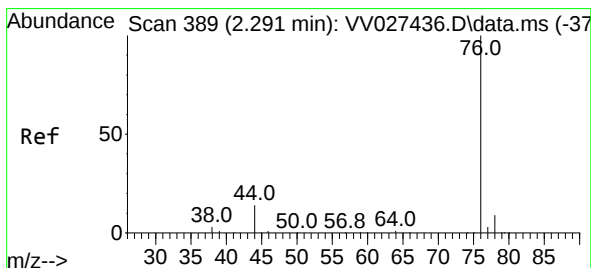
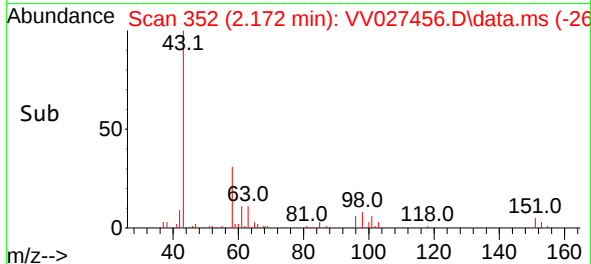
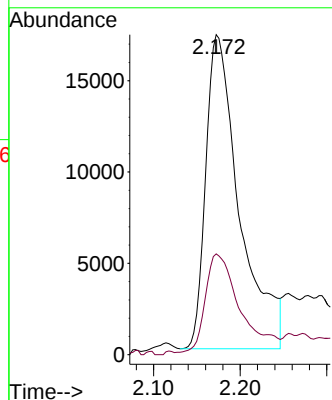
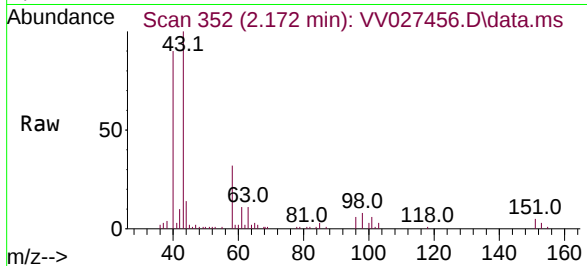




#13
Acetone
Concen: 40.315 ug/L
RT: 2.172 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV027456.D
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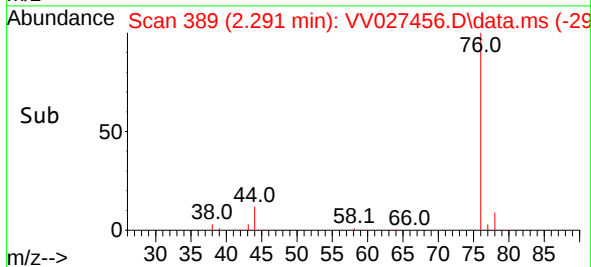
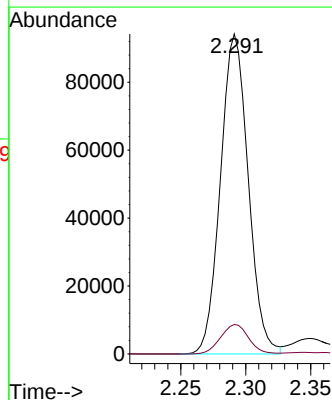
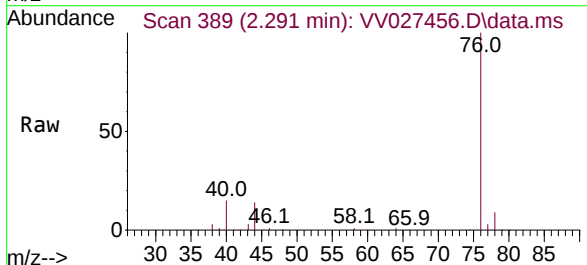
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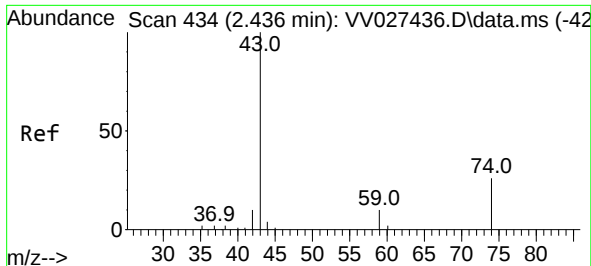
Tgt Ion: 43 Resp: 46458
Ion Ratio Lower Upper
43 100
58 32.1 0.0 62.2



#14
Carbon disulfide
Concen: 4.951 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 140070
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

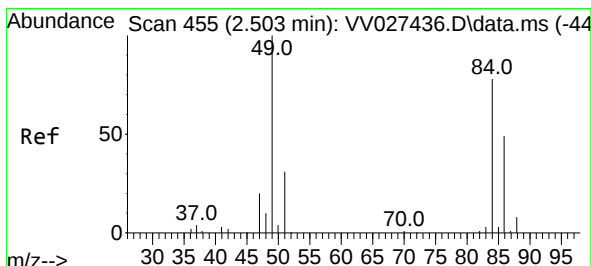
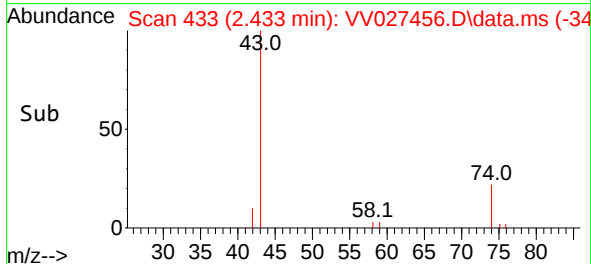
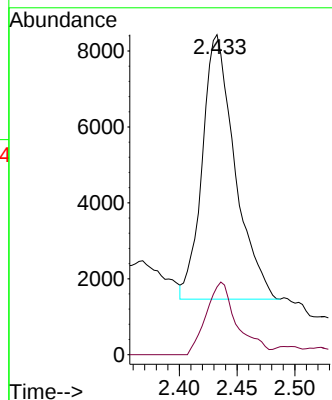
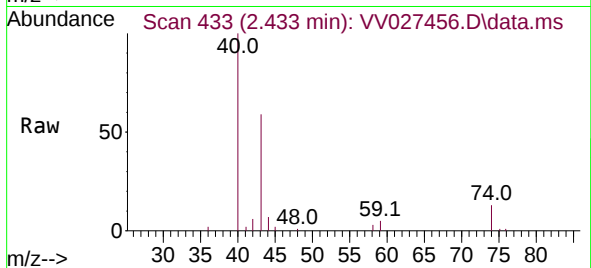




#15
Methyl Acetate
Concen: 4.286 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

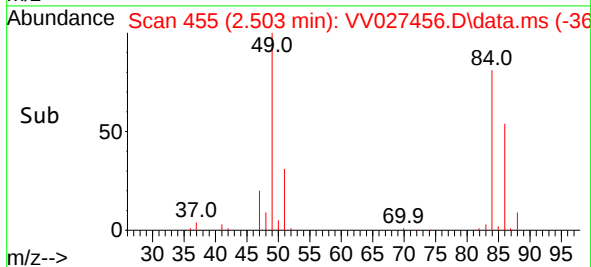
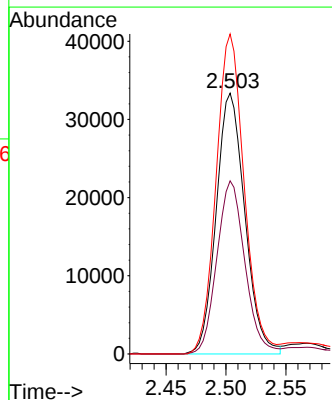
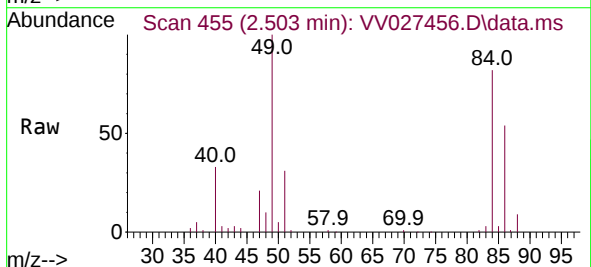
Instrument :
MSVOA_V
ClientSampleId :

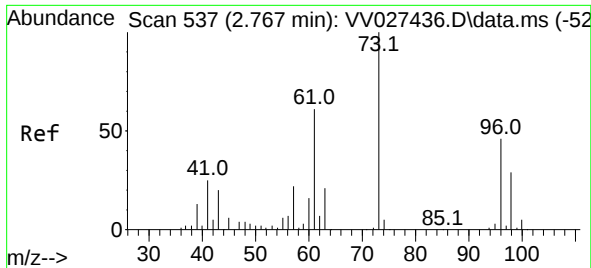
Tgt Ion: 43 Resp: 13677
Ion Ratio Lower Upper
43 100
74 26.0 16.3 24.5#



#16
Methylene chloride
Concen: 3.569 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion: 84 Resp: 55459
Ion Ratio Lower Upper
84 100
86 66.4 44.0 81.6
49 122.7 89.4 166.0

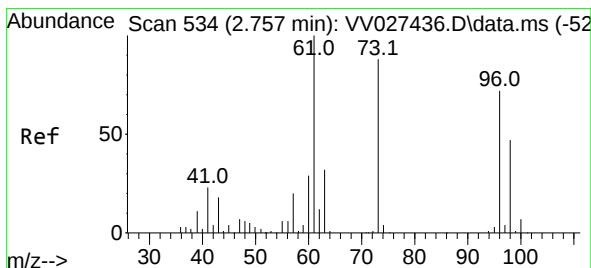
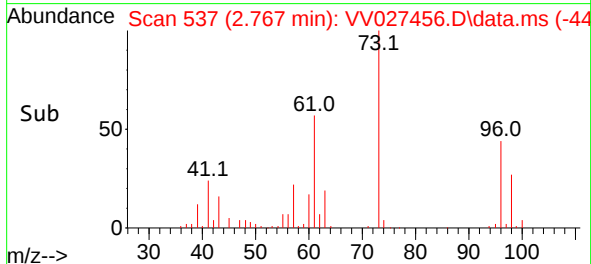
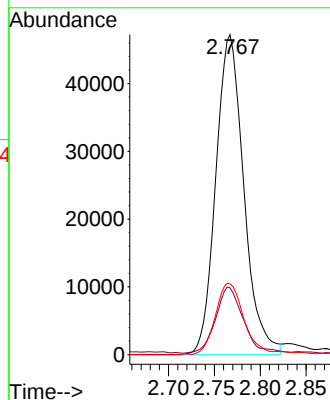
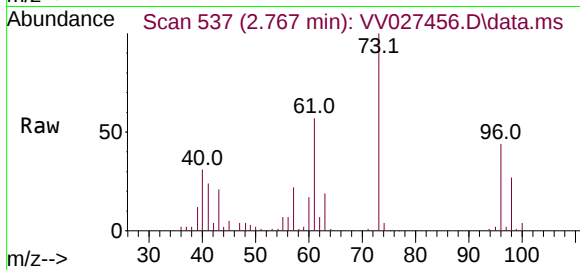




#17
Methyl tert-butyl Ether
Concen: 4.699 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

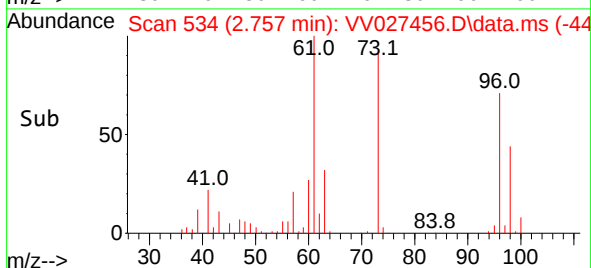
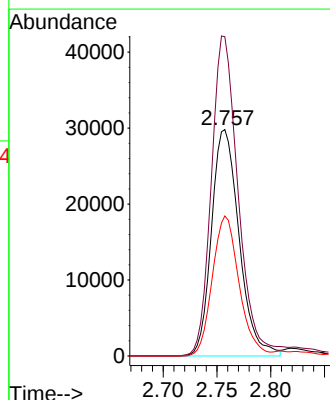
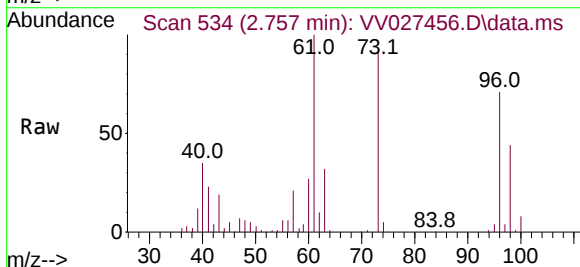
Instrument :
MSVOA_V
ClientSampleId :

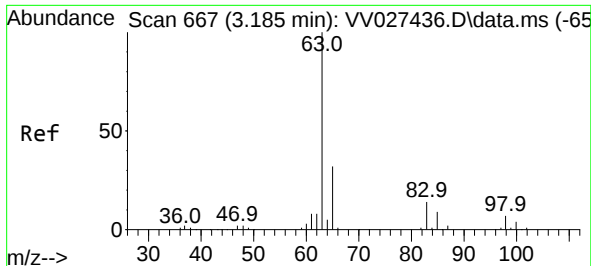
Tgt Ion: 73 Resp: 100218
Ion Ratio Lower Upper
73 100
43 20.3 15.6 23.4
57 23.0 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.023 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion: 96 Resp: 53338
Ion Ratio Lower Upper
96 100
61 141.0 97.6 181.4
98 61.8 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.899 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

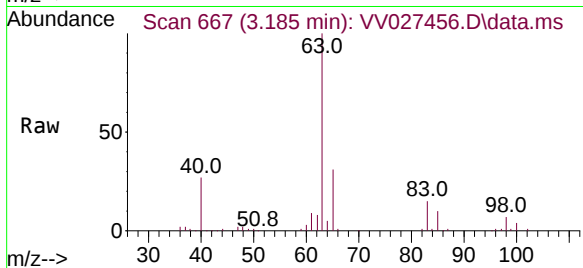
Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :



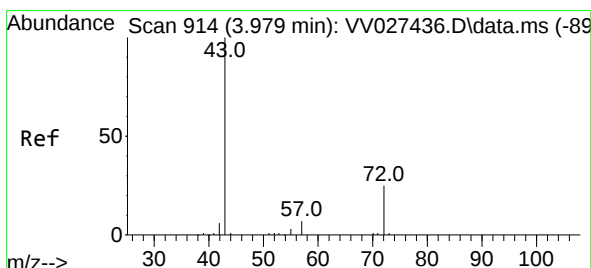
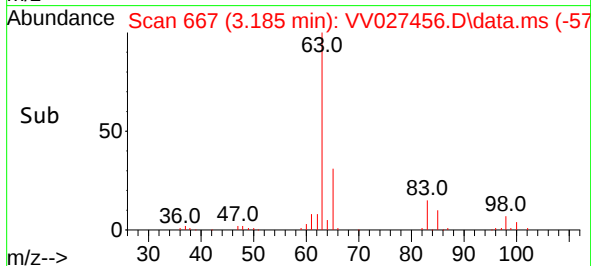
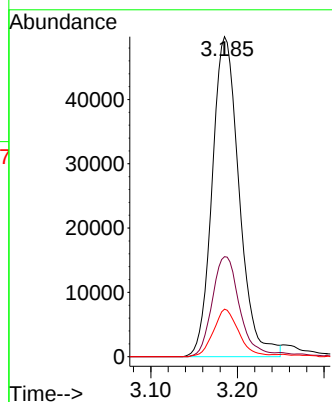
Tgt Ion: 63 Resp: 107697

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 14.8 9.6 17.8



#21

2-Butanone

Concen: 42.869 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.003 min

Lab File: VV027456.D

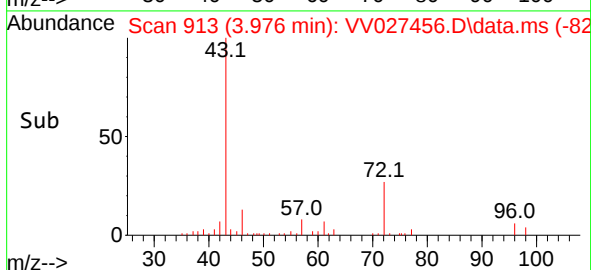
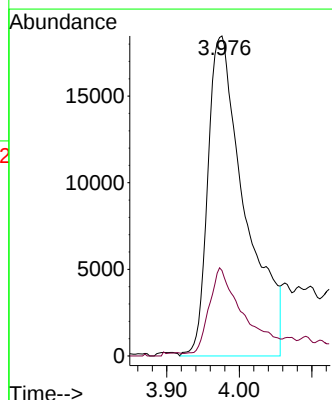
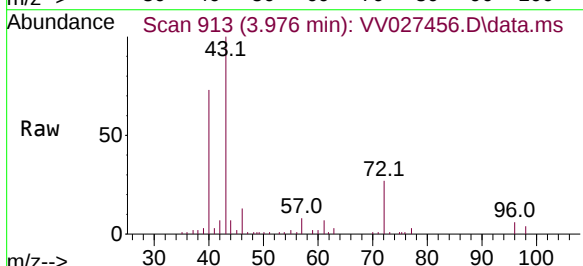
Acq: 22 Aug 2022 09:44

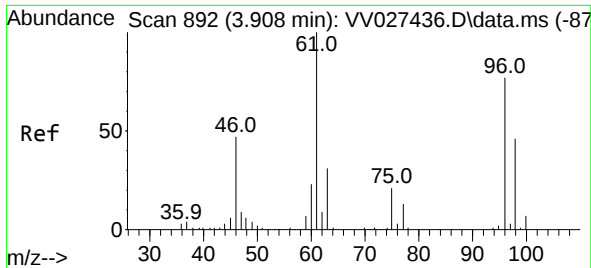
Tgt Ion: 43 Resp: 65744

Ion Ratio Lower Upper

43 100

72 24.5 12.0 36.1

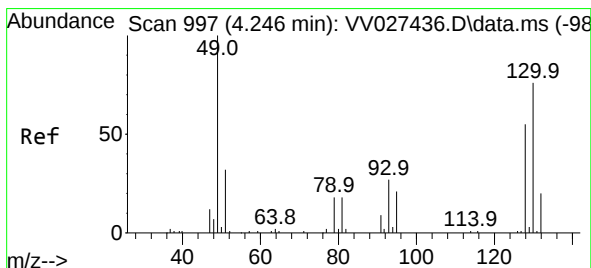
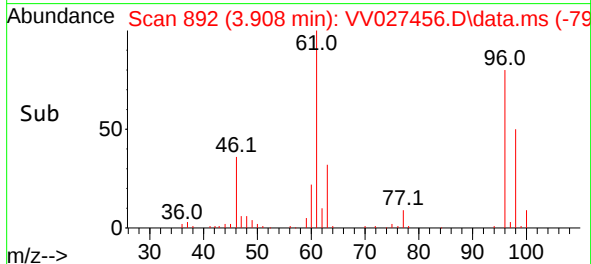
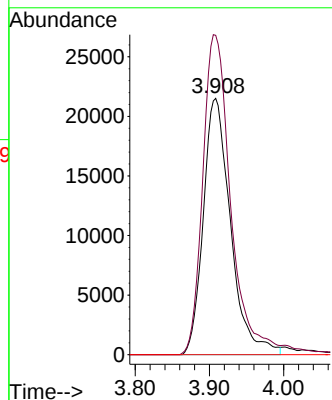
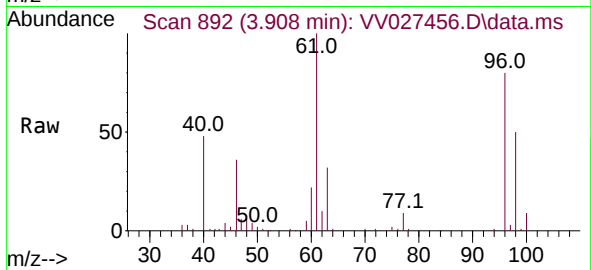




#22
 cis-1,2-Dichloroethene
 Concen: 4.865 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

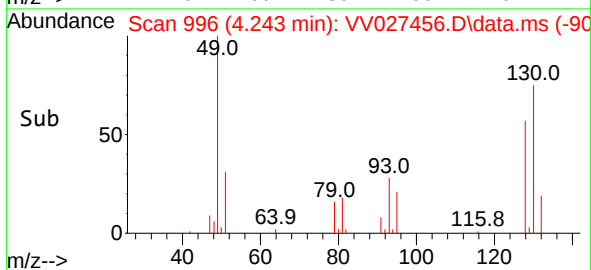
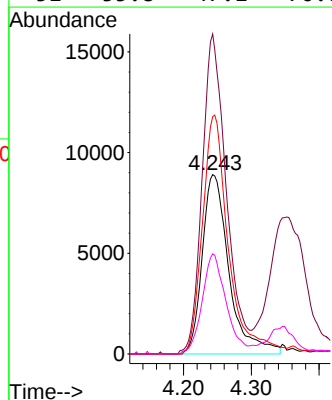
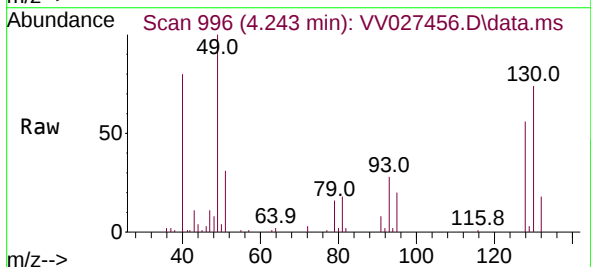
Instrument :
 MSVOA_V
 ClientSampleId :

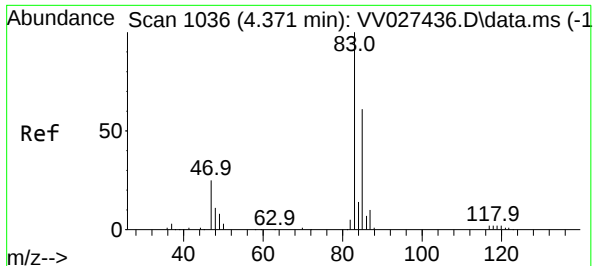
Tgt Ion: 96 Resp: 55057
 Ion Ratio Lower Upper
 96 100
 61 124.6 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.886 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.003 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

Tgt Ion: 128 Resp: 24387
 Ion Ratio Lower Upper
 128 100
 49 178.4 127.5 236.7
 130 132.3 97.0 180.2
 51 55.8 47.1 70.7





#25

Chloroform

Concen: 4.967 ug/L

RT: 4.371 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

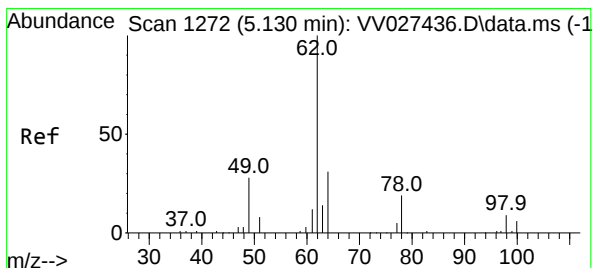
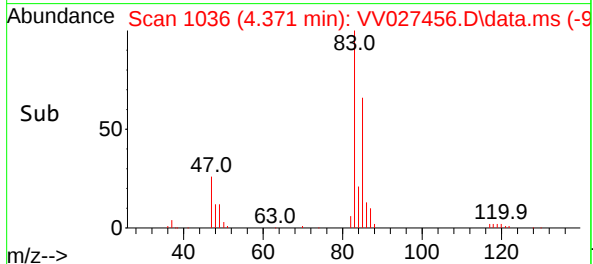
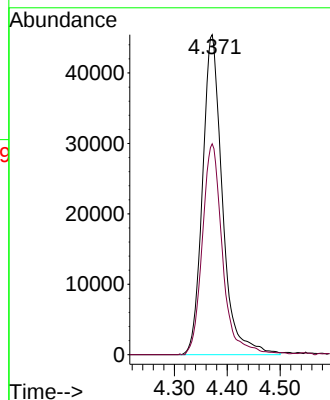
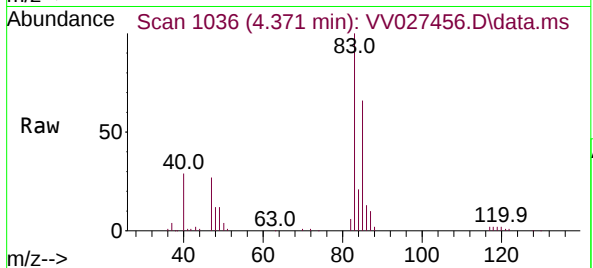
ClientSampleId :

Tgt Ion: 83 Resp: 118730

Ion Ratio Lower Upper

83 100

85 65.9 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.006 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027456.D

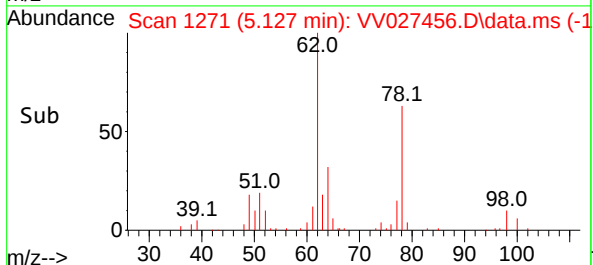
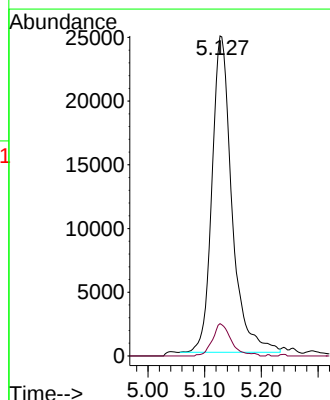
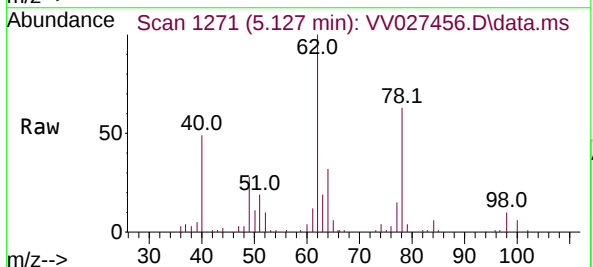
Acq: 22 Aug 2022 09:44

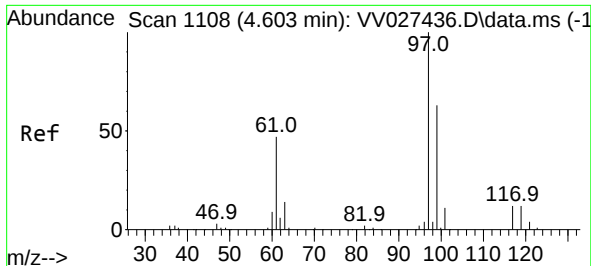
Tgt Ion: 62 Resp: 60808

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.225 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

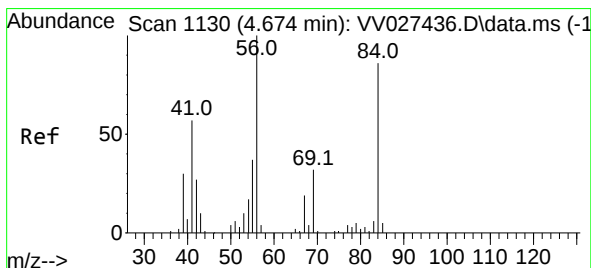
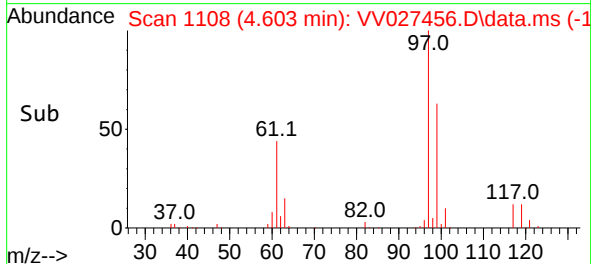
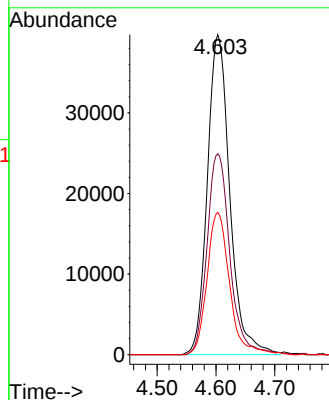
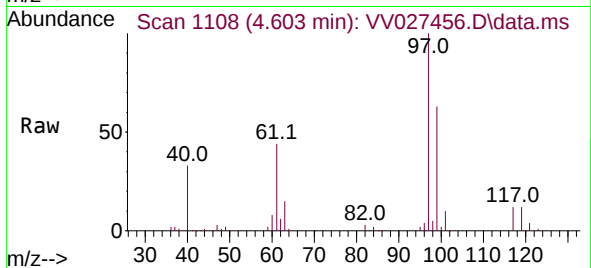
Tgt Ion: 97 Resp: 105516

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 44.5 35.9 53.9



#30

Cyclohexane

Concen: 4.985 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

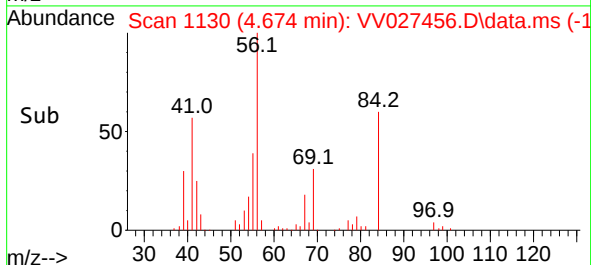
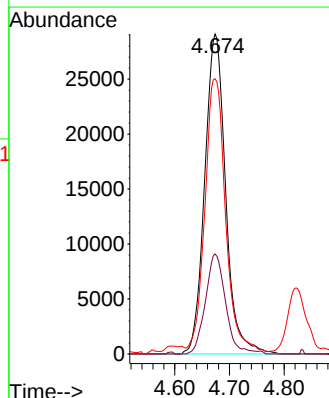
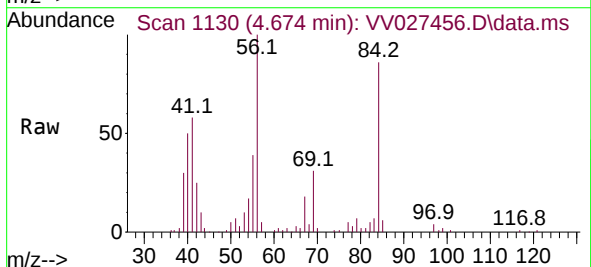
Tgt Ion: 56 Resp: 77269

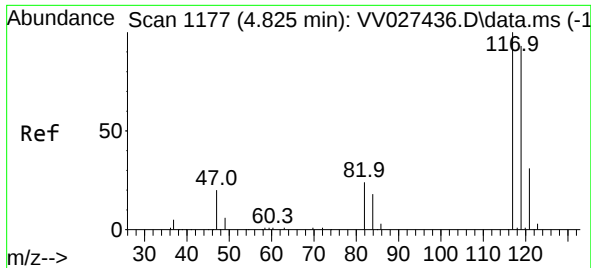
Ion Ratio Lower Upper

56 100

69 30.0 25.4 38.0

84 83.9 69.7 104.5

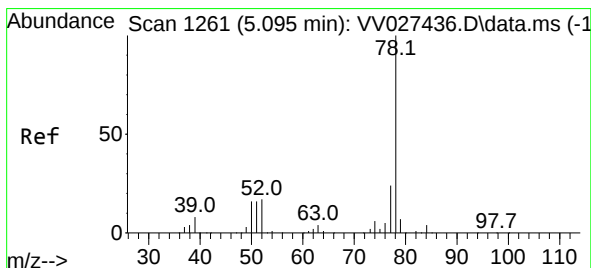
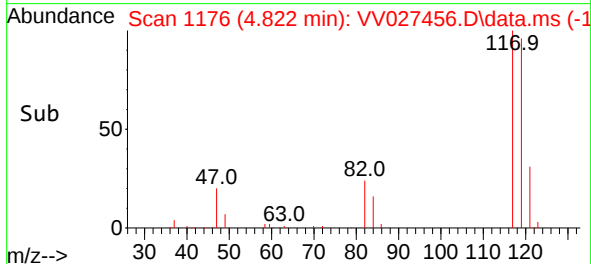
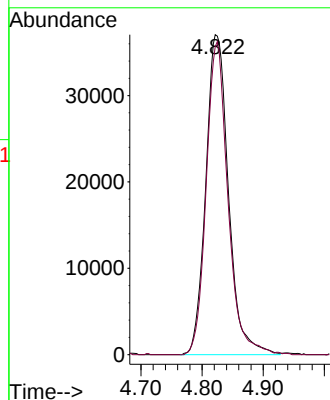
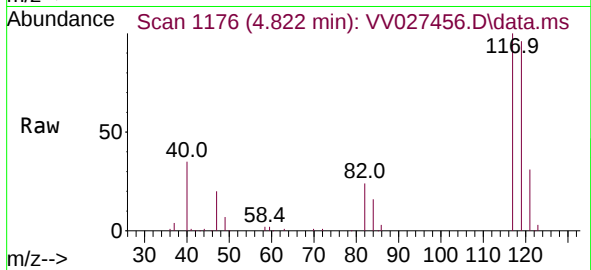




#31
Carbon tetrachloride
Concen: 5.442 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

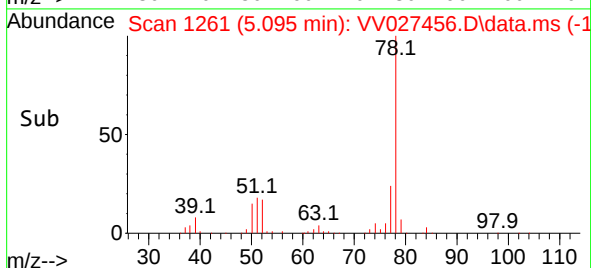
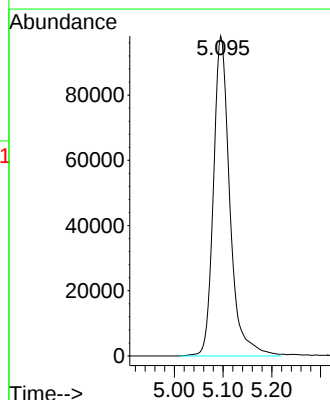
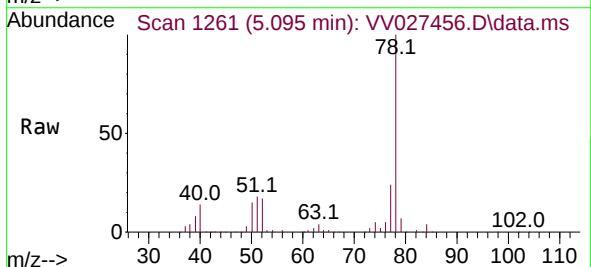
Instrument :
MSVOA_V
ClientSampleId :

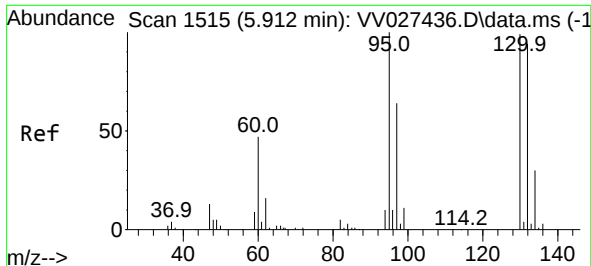
Tgt Ion:117 Resp: 95572
Ion Ratio Lower Upper
117 100
119 93.3 76.1 114.1



#33
Benzene
Concen: 5.254 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion: 78 Resp: 229807

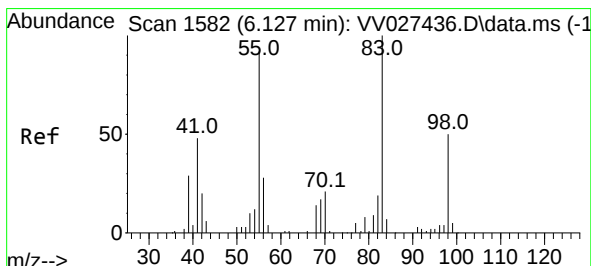
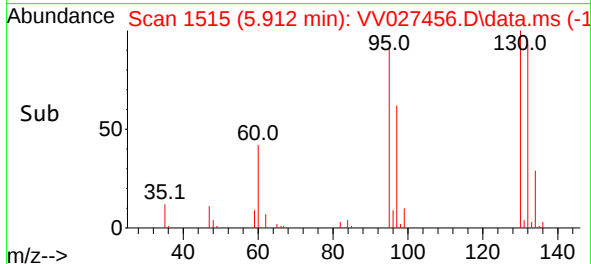
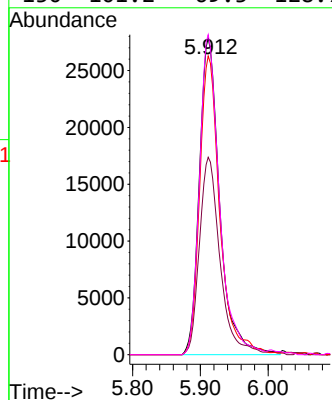
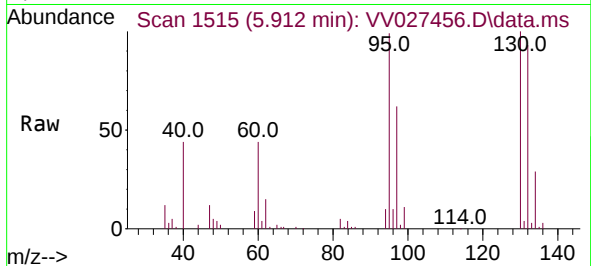




#34
Trichloroethene
Concen: 5.061 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

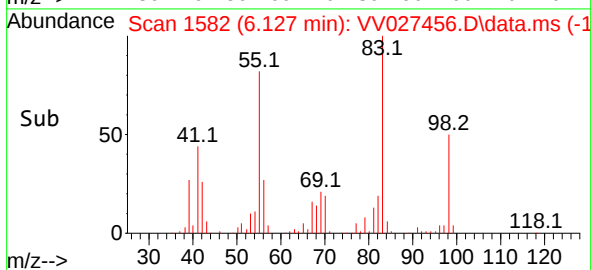
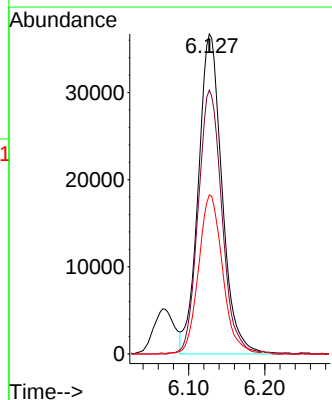
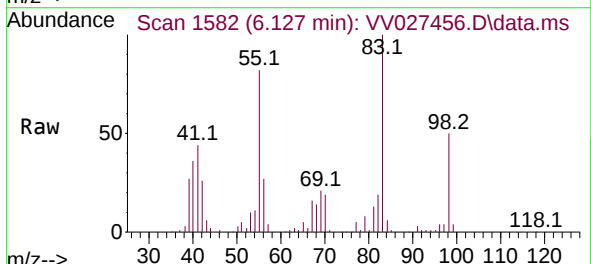
Instrument :
MSVOA_V
ClientSampleId :

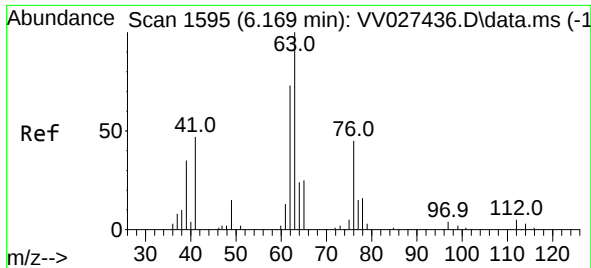
Tgt Ion: 95 Resp: 58258
Ion Ratio Lower Upper
95 100
97 62.4 45.0 83.6
132 94.5 65.7 121.9
130 101.2 69.3 128.7



#35
Methylcyclohexane
Concen: 4.912 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion: 83 Resp: 79519
Ion Ratio Lower Upper
83 100
55 83.1 68.2 102.4
98 50.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.079 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

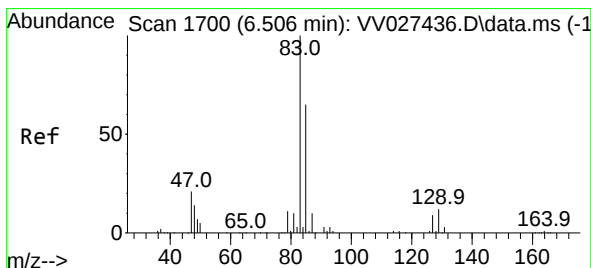
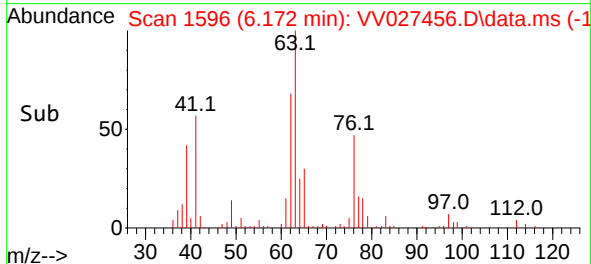
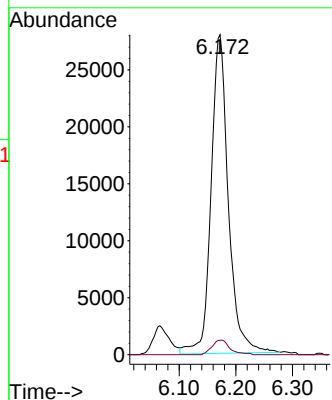
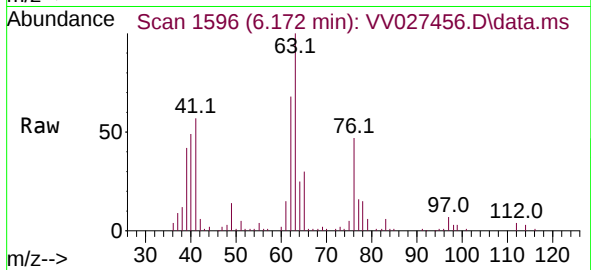
ClientSampleId :

Tgt Ion: 63 Resp: 59233

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 5.512 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

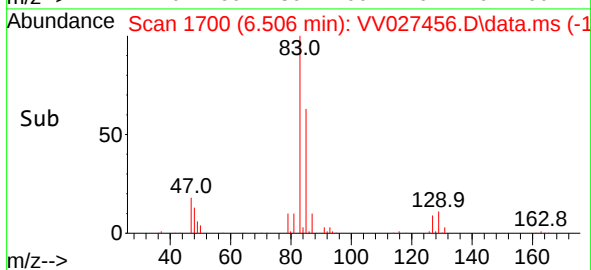
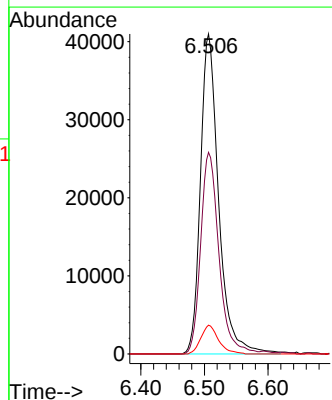
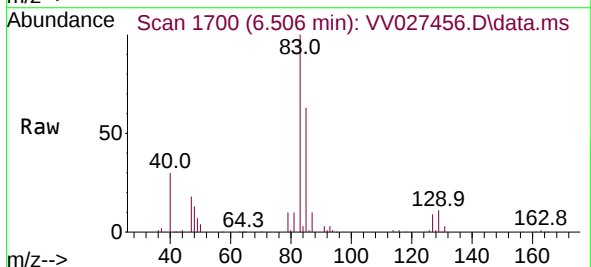
Tgt Ion: 83 Resp: 81493

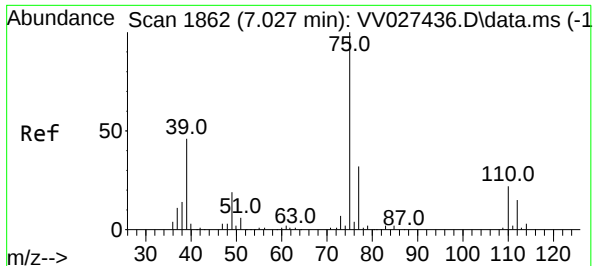
Ion Ratio Lower Upper

83 100

85 63.0 45.3 84.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.146 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

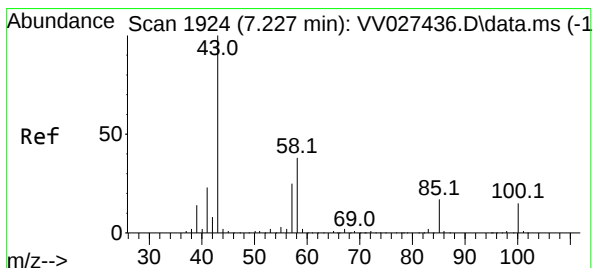
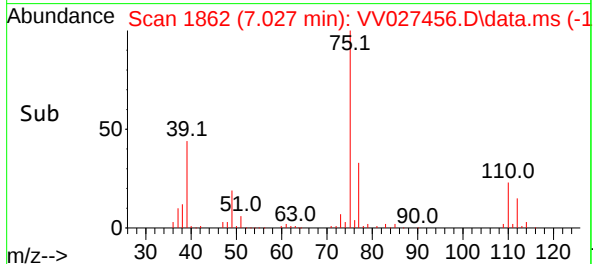
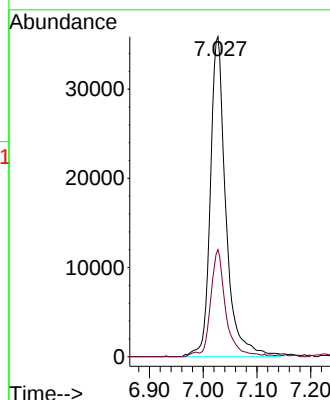
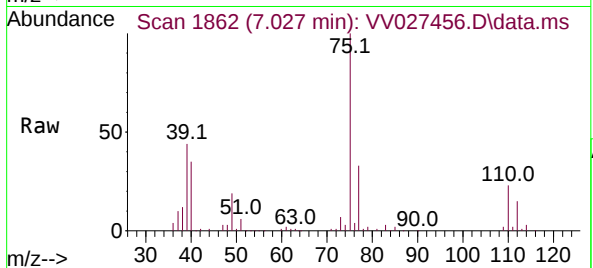
ClientSampleId :

Tgt Ion: 75 Resp: 72358

Ion Ratio Lower Upper

75 100

77 33.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 50.166 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

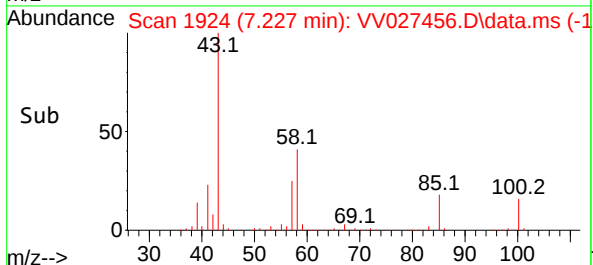
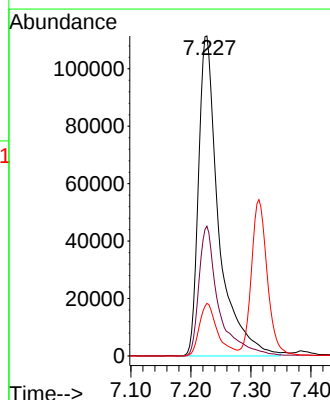
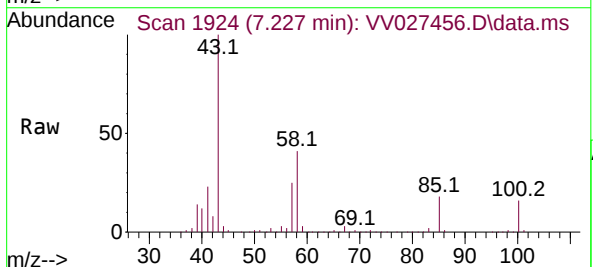
Tgt Ion: 43 Resp: 261384

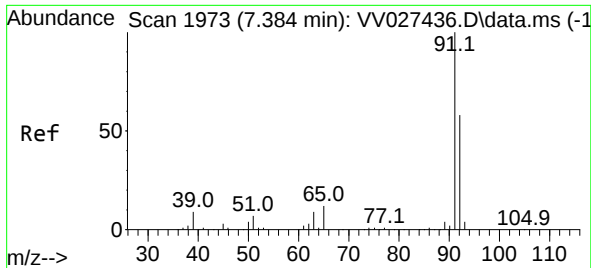
Ion Ratio Lower Upper

43 100

58 39.8 30.6 45.8

100 14.9 11.0 16.4





#42

Toluene

Concen: 5.375 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

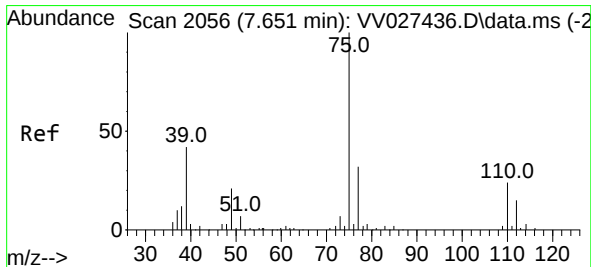
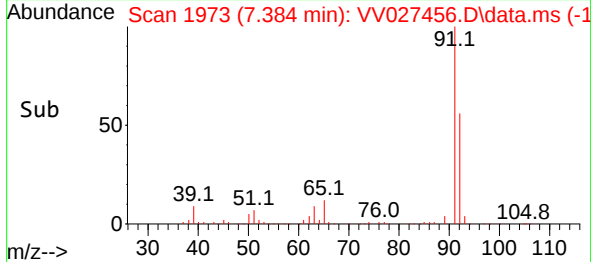
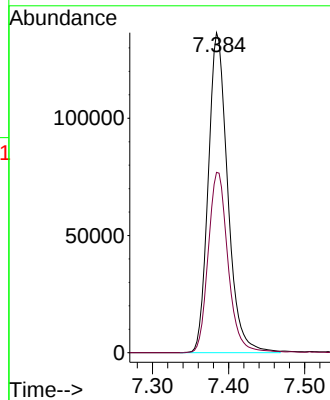
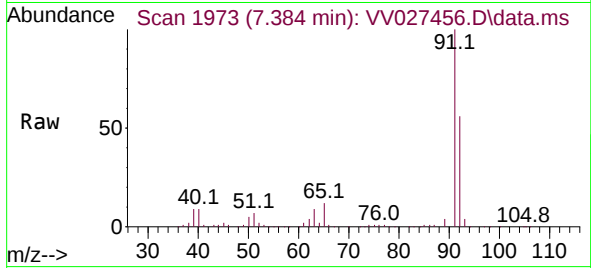
ClientSampleId :

Tgt Ion: 91 Resp: 242661

Ion Ratio Lower Upper

91 100

92 56.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.325 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV027456.D

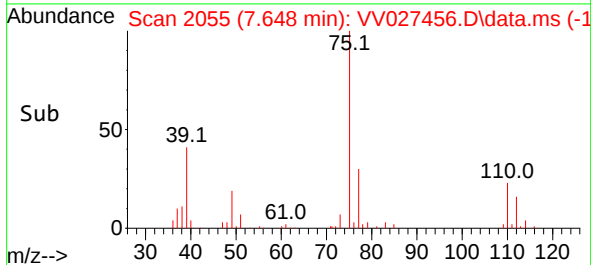
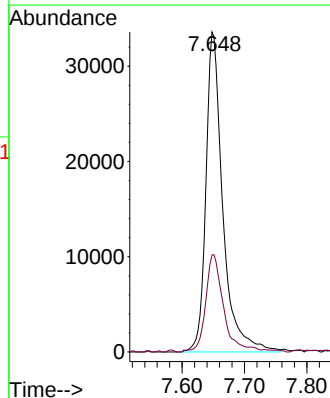
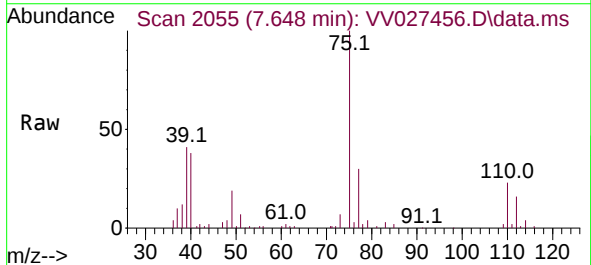
Acq: 22 Aug 2022 09:44

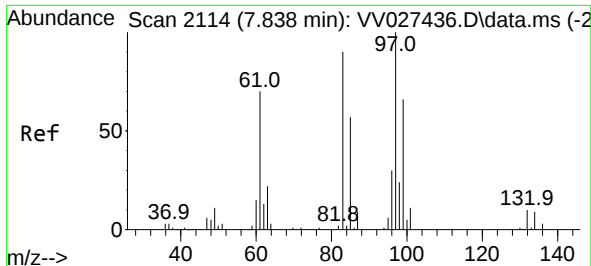
Tgt Ion: 75 Resp: 63294

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.118 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 38156

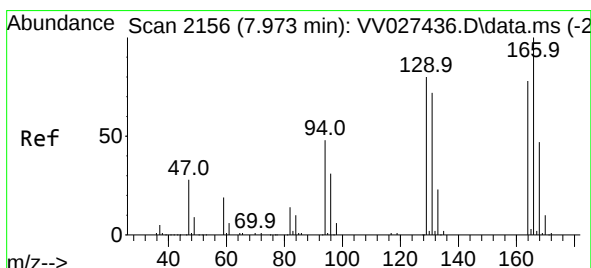
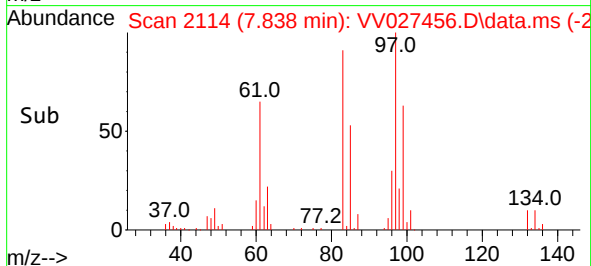
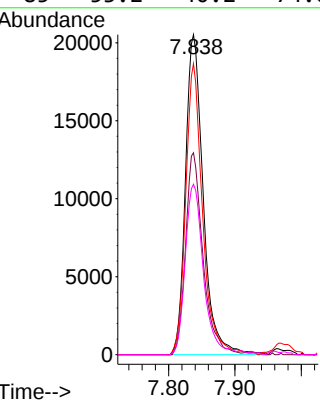
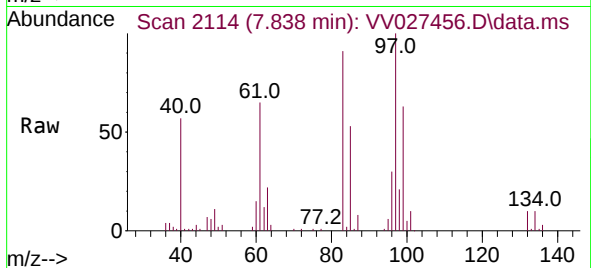
Ion Ratio Lower Upper

97 100

99 63.1 46.1 85.7

83 91.0 63.0 117.0

85 53.2 40.2 74.6



#47

Tetrachloroethene

Concen: 4.895 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Tgt Ion: 164 Resp: 43897

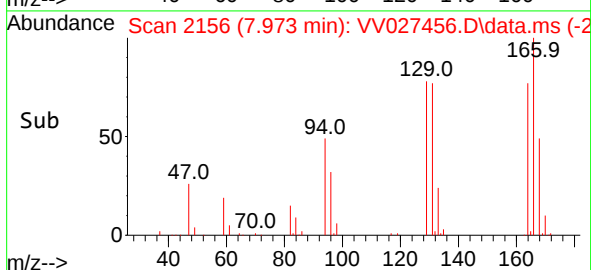
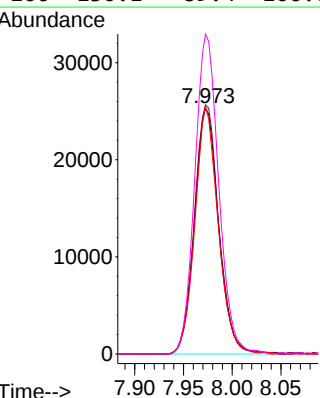
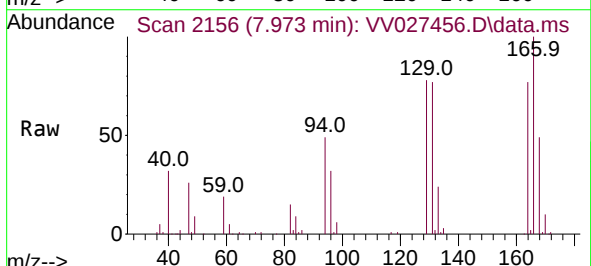
Ion Ratio Lower Upper

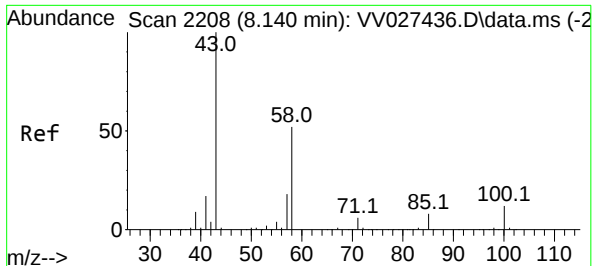
164 100

129 101.3 71.1 132.1

131 100.6 64.5 119.9

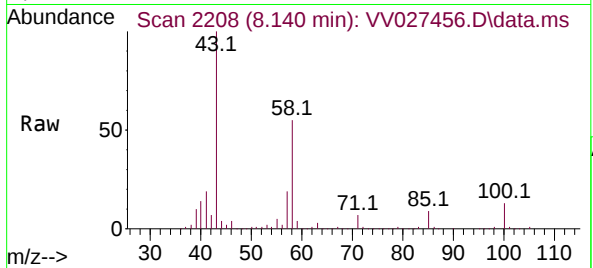
166 130.1 89.4 166.0





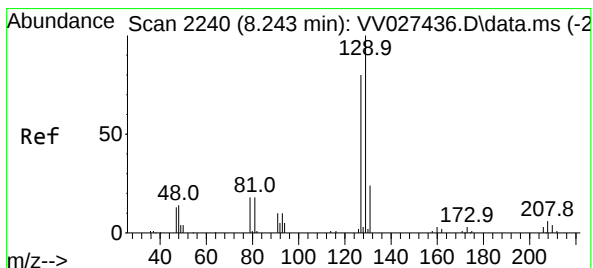
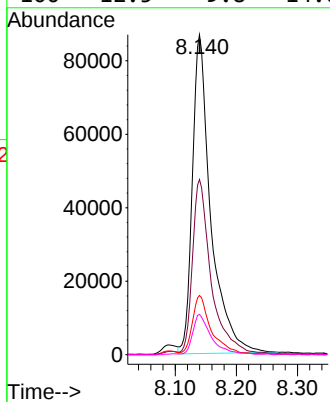
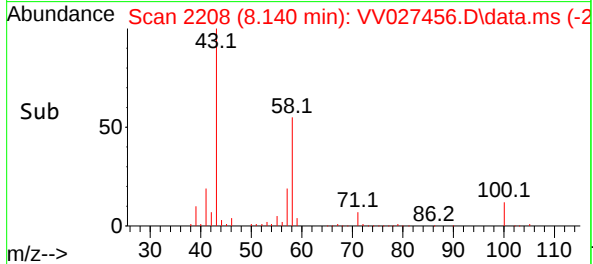
#48
2-Hexanone
Concen: 48.455 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 181922

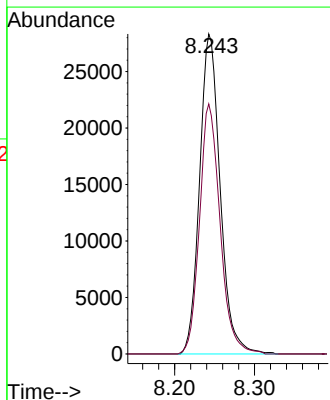
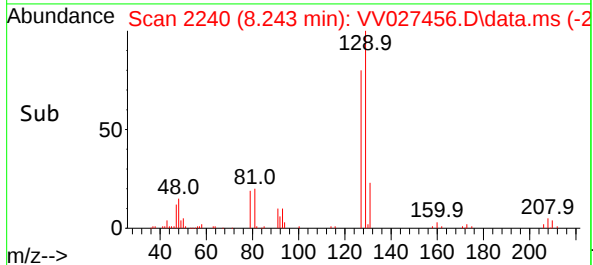
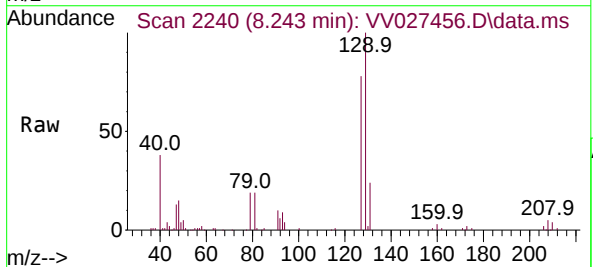
Ion	Ratio	Lower	Upper
43	100		
58	55.8	41.3	61.9
57	18.7	14.9	22.3
100	12.5	9.8	14.6

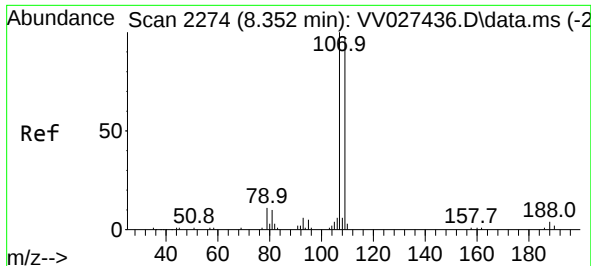


#49
Dibromochloromethane
Concen: 5.547 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion: 129 Resp: 50858

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.118 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

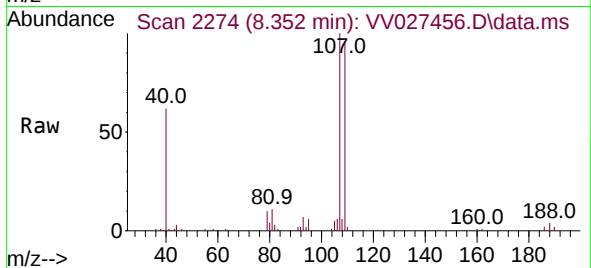
Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :



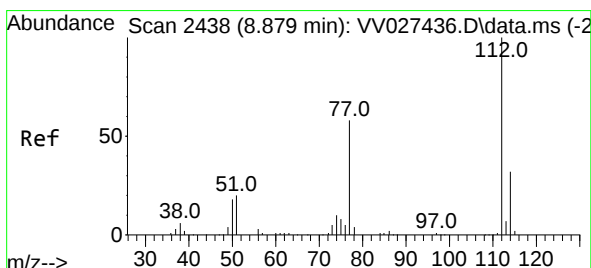
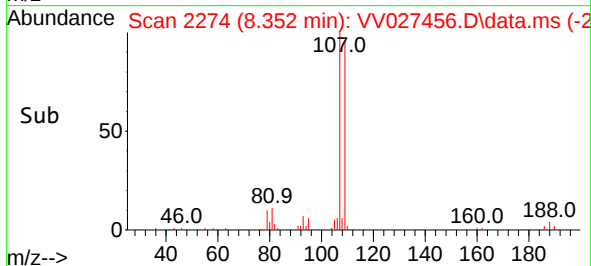
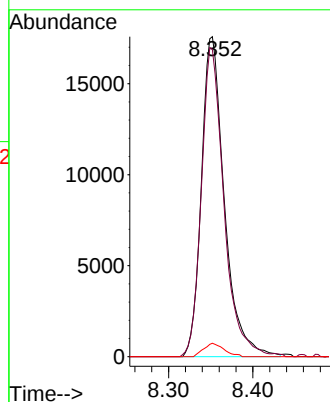
Tgt Ion:107 Resp: 33303

Ion Ratio Lower Upper

107 100

109 96.0 67.8 125.8

188 4.2 3.5 5.3



#51

Chlorobenzene

Concen: 4.944 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

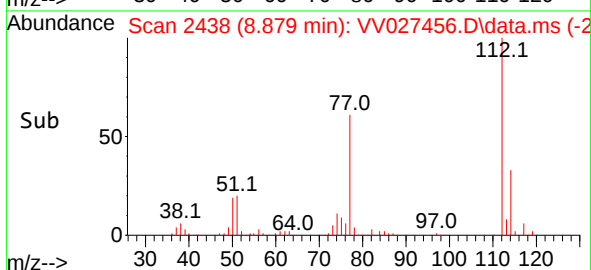
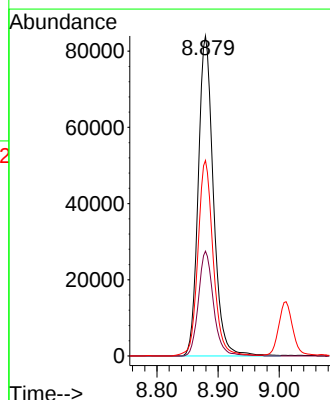
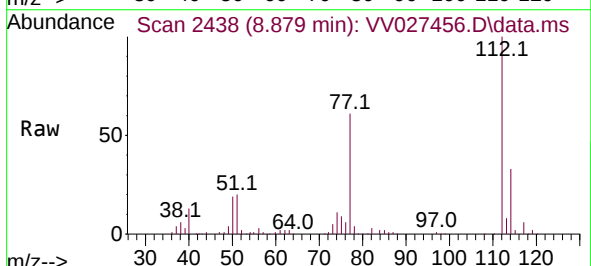
Tgt Ion:112 Resp: 144479

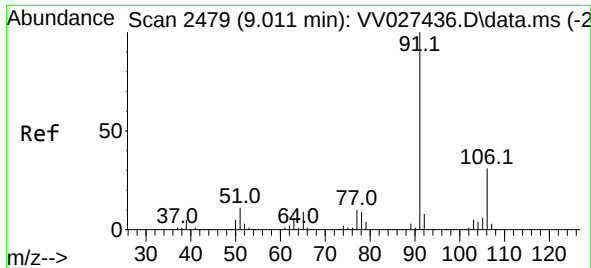
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.1

77 61.1 46.2 69.4





#52

Ethylbenzene

Concen: 5.077 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

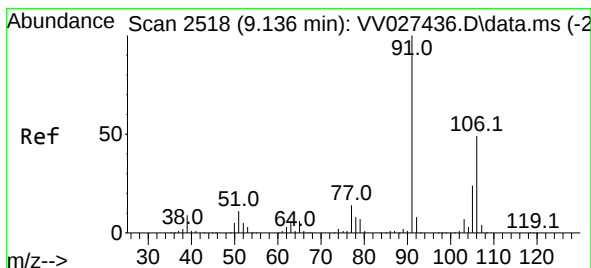
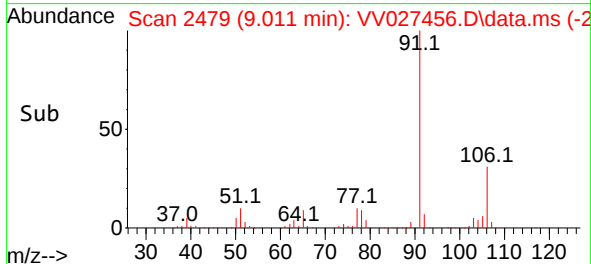
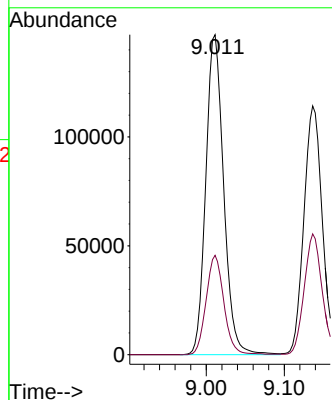
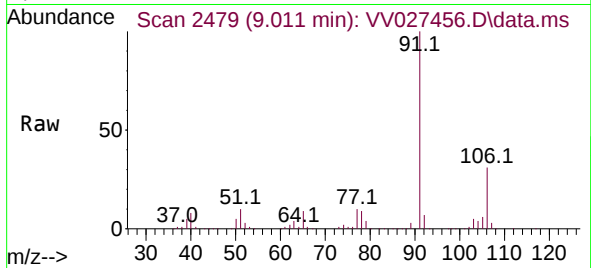
ClientSampleId :

Tgt Ion: 91 Resp: 233987

Ion Ratio Lower Upper

91 100

106 31.0 21.4 39.8



#53

m,p-Xylene

Concen: 5.104 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027456.D

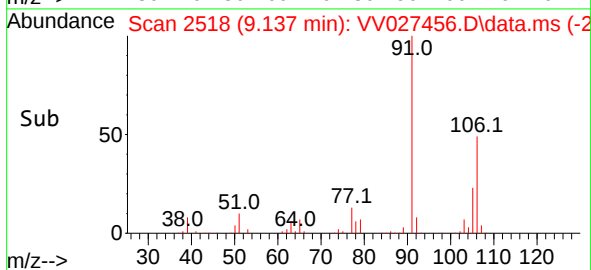
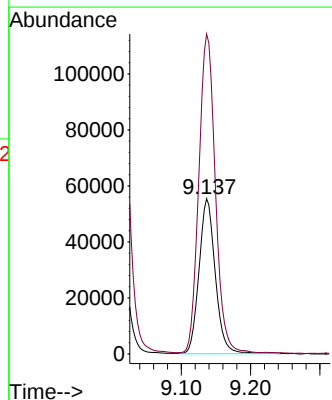
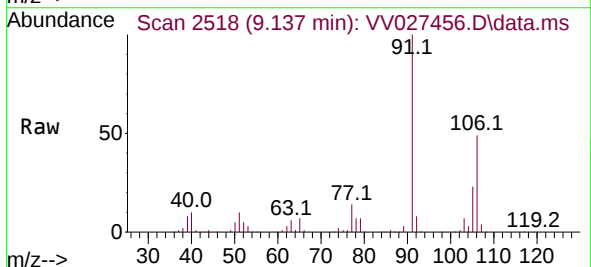
Acq: 22 Aug 2022 09:44

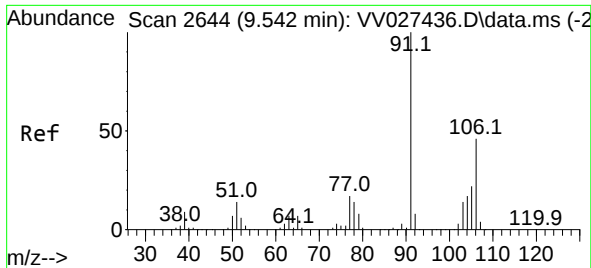
Tgt Ion: 106 Resp: 90006

Ion Ratio Lower Upper

106 100

91 205.9 143.8 267.0

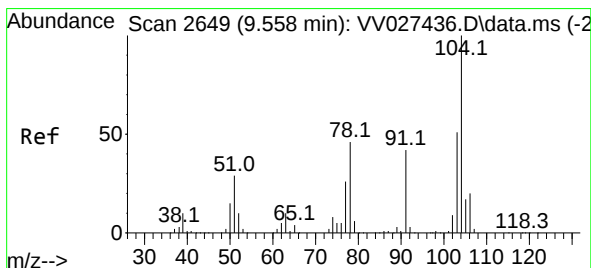
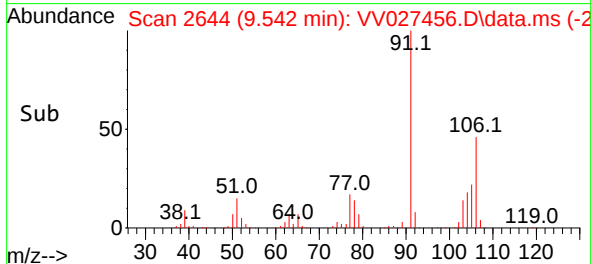
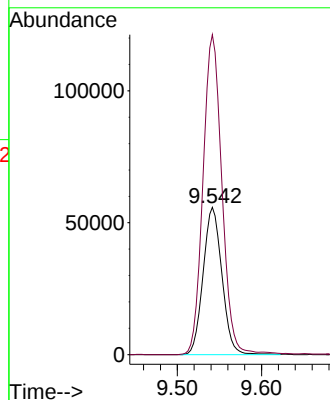
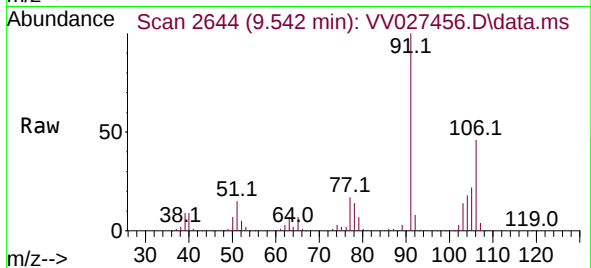




#54
o-Xylene
Concen: 5.085 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

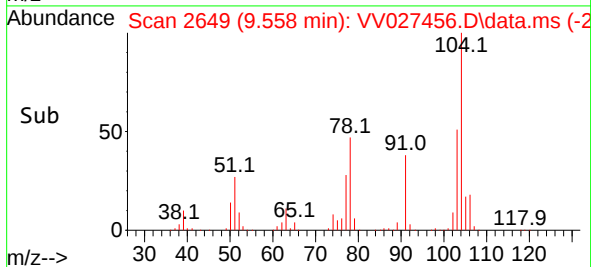
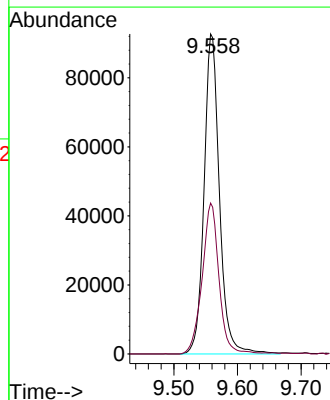
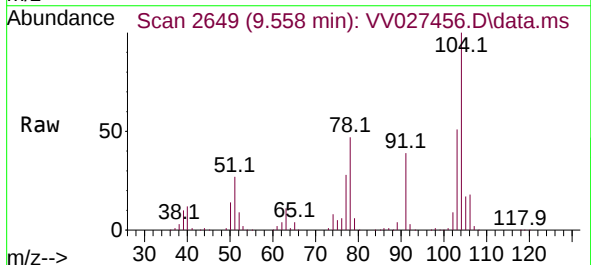
Instrument :
MSVOA_V
ClientSampleId :

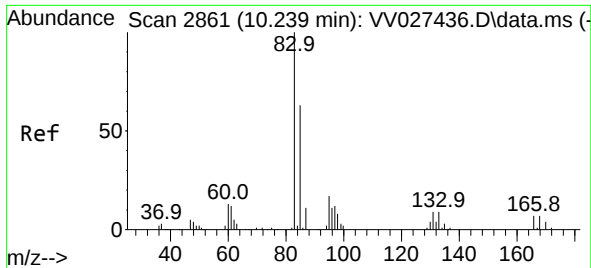
Tgt Ion:106 Resp: 86987
Ion Ratio Lower Upper
106 100
91 217.2 151.6 281.6



#55
Styrene
Concen: 5.353 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion:104 Resp: 155774
Ion Ratio Lower Upper
104 100
78 47.2 32.0 59.4

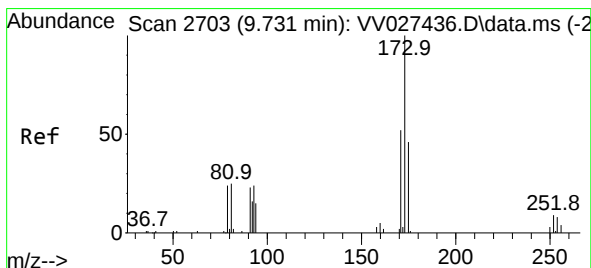
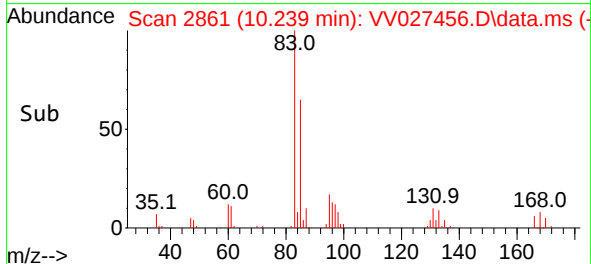
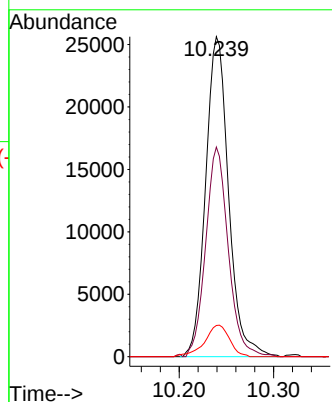
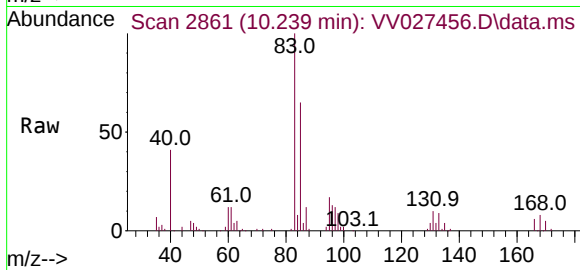




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.155 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

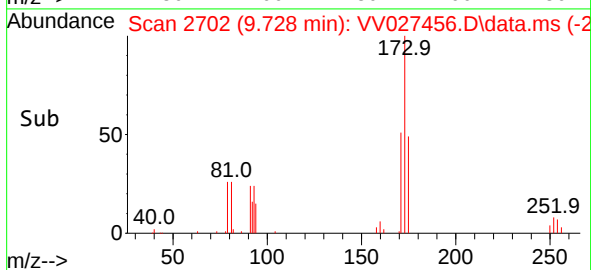
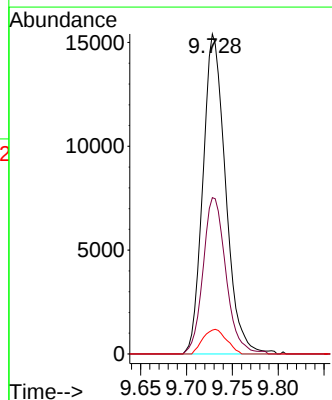
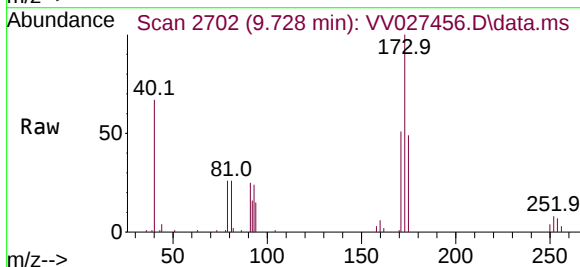
Instrument :
 MSVOA_V
 ClientSampleId :

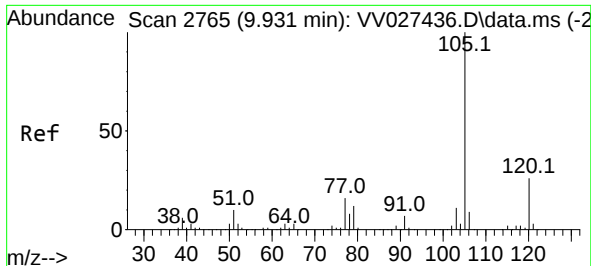
Tgt Ion: 83 Resp: 43287
 Ion Ratio Lower Upper
 83 100
 85 65.5 44.1 81.9
 131 9.8 7.3 10.9



#59
 Bromoform
 Concen: 5.584 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV027456.D
 Acq: 22 Aug 2022 09:44

Tgt Ion: 173 Resp: 26464
 Ion Ratio Lower Upper
 173 100
 175 49.4 39.0 58.6
 254 8.0 7.1 10.7

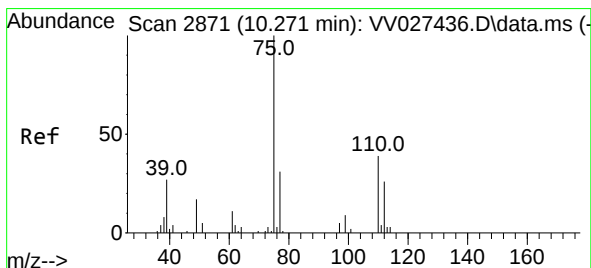
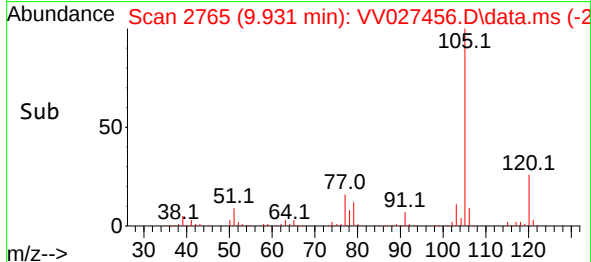
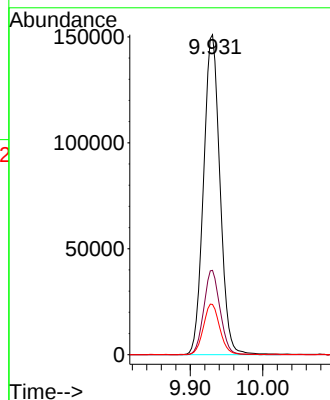
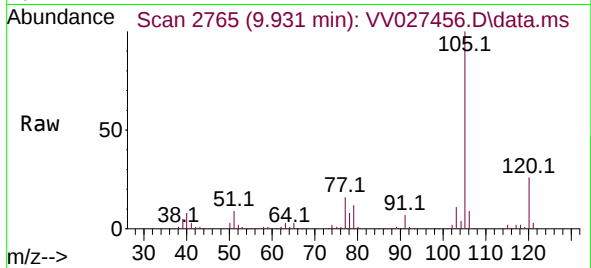




#60
Isopropylbenzene
Concen: 5.102 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

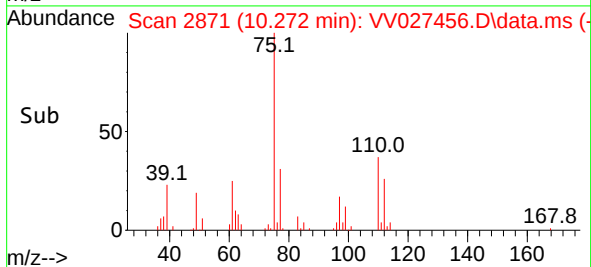
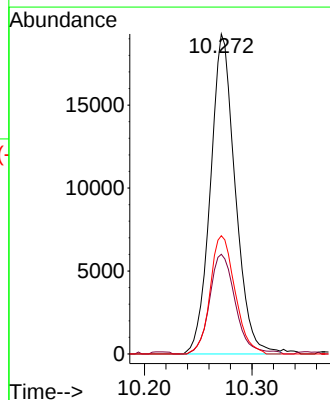
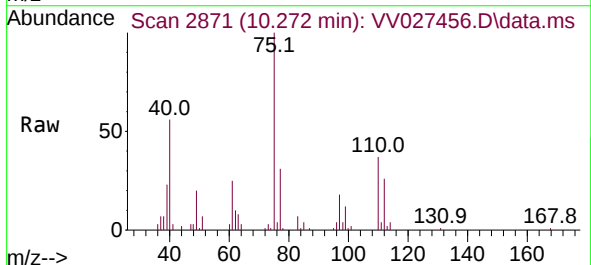
Instrument :
MSVOA_V
ClientSampleId :

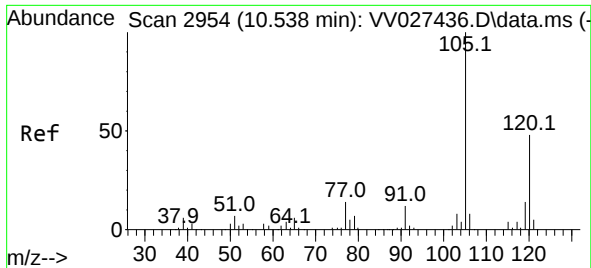
Tgt Ion:105 Resp: 237417
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.987 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion: 75 Resp: 30936
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 37.0 29.9 44.9

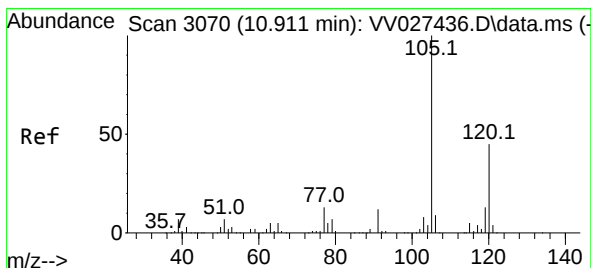
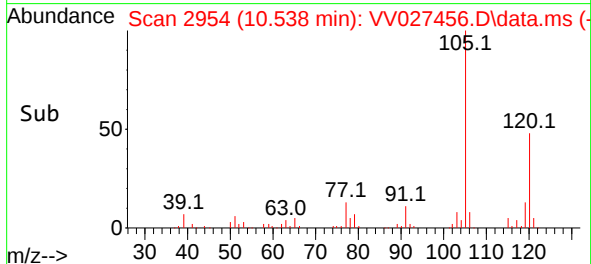
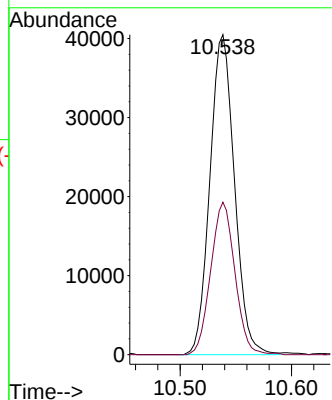
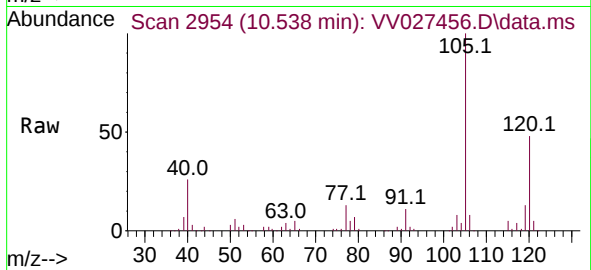




#62
1,3,5-Trimethylbenzene
Concen: 4.818 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

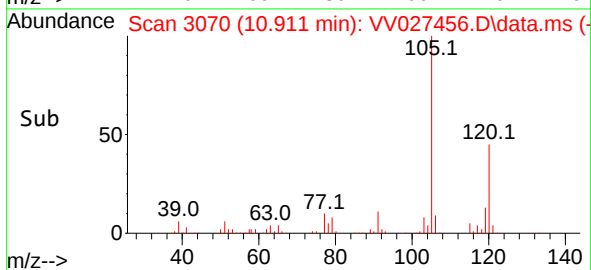
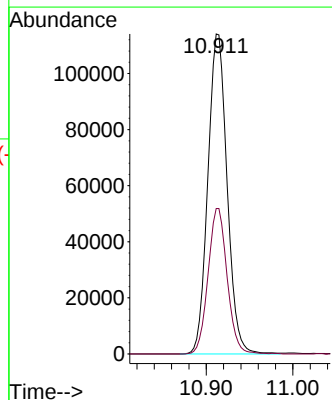
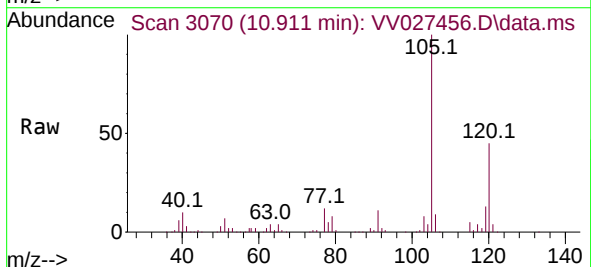
Instrument :
MSVOA_V
ClientSampleId :

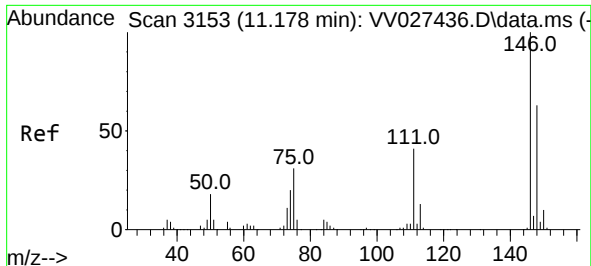
Tgt Ion:105 Resp: 62169
Ion Ratio Lower Upper
105 100
120 46.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.841 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion:105 Resp: 175965
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.6

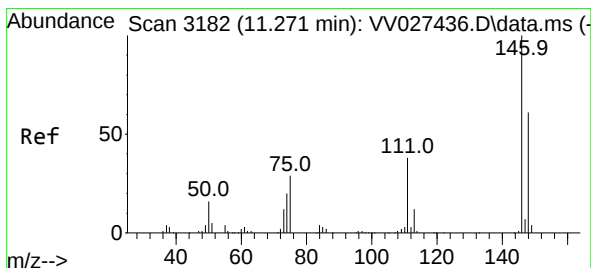
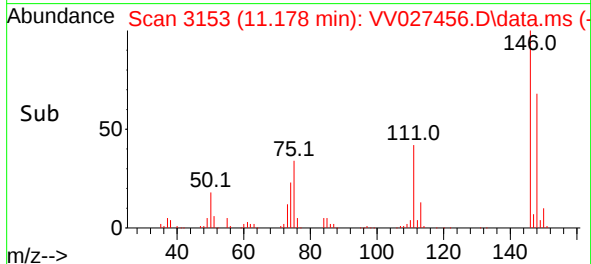
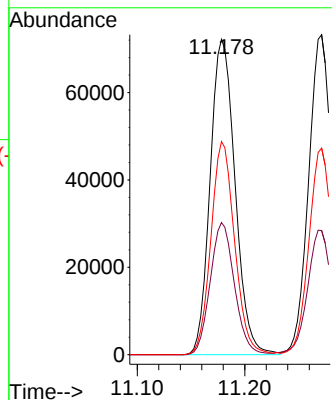
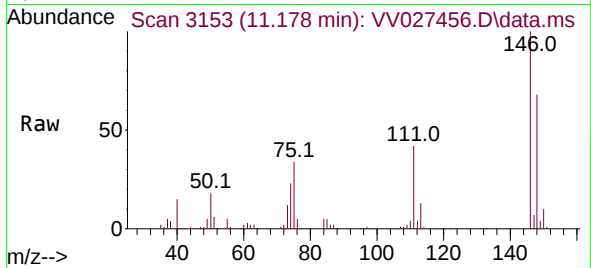




#64
1,3-Dichlorobenzene
Concen: 5.076 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

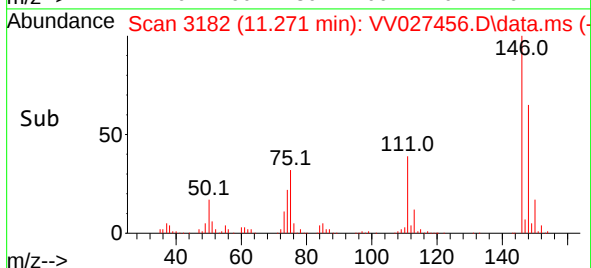
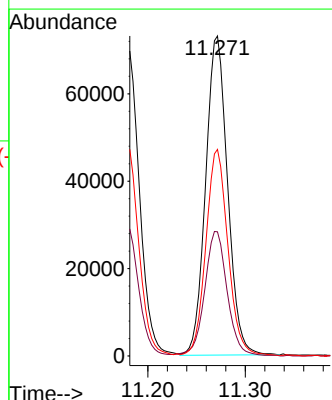
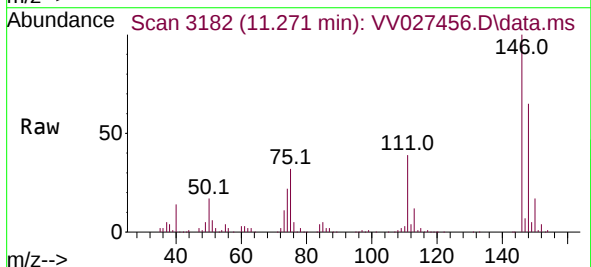
Instrument :
MSVOA_V
ClientSampleId :

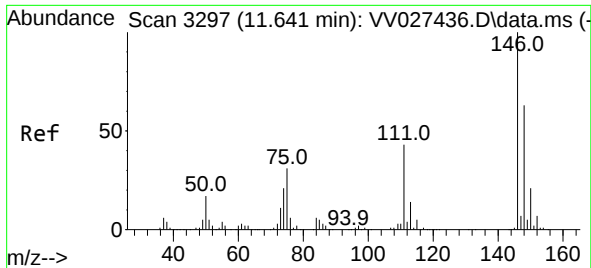
Tgt Ion:146 Resp: 116371
Ion Ratio Lower Upper
146 100
111 41.9 28.8 53.4
148 67.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.997 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion:146 Resp: 114214
Ion Ratio Lower Upper
146 100
111 38.8 26.6 49.4
148 64.5 42.6 79.0

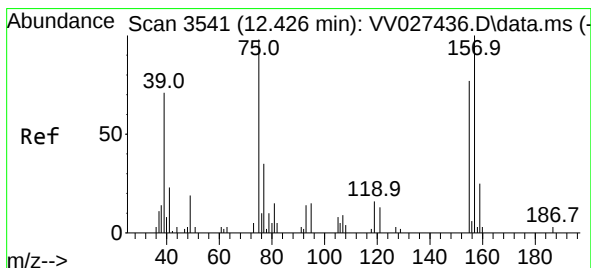
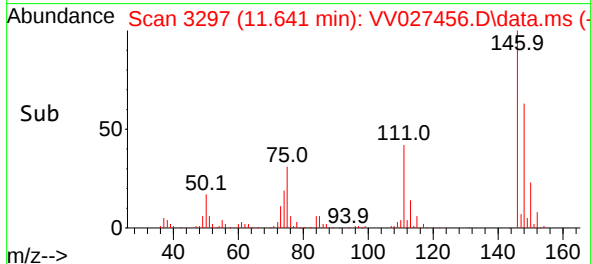
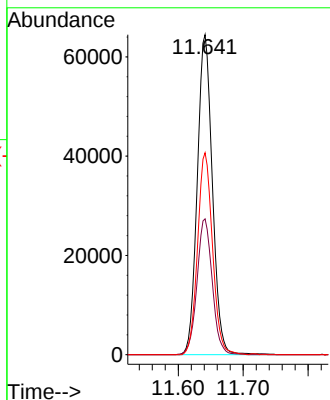
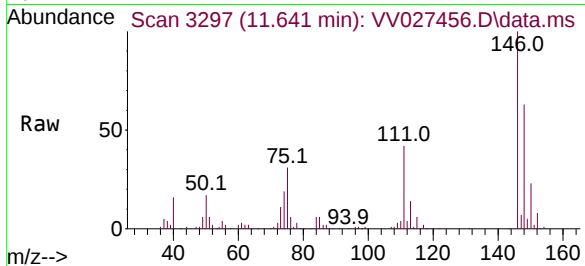




#67
1,2-Dichlorobenzene
Concen: 5.022 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

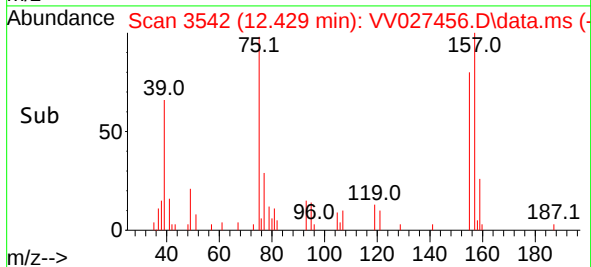
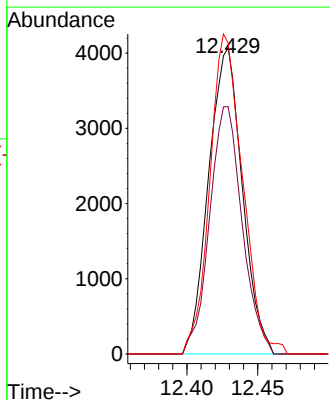
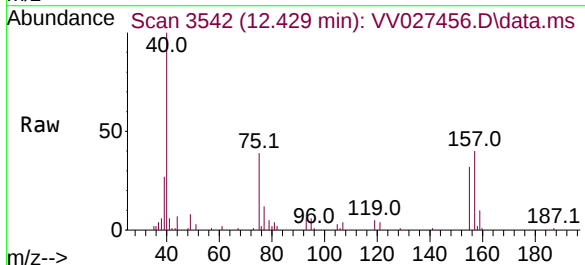
Instrument :
MSVOA_V
ClientSampleId :

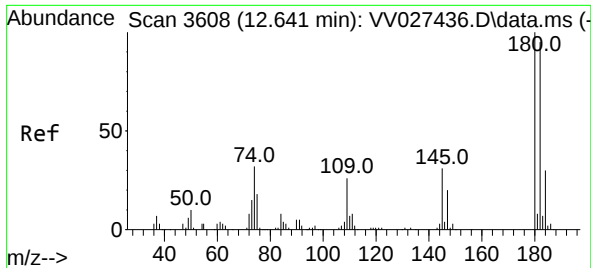
Tgt Ion:146 Resp: 104386
Ion Ratio Lower Upper
146 100
111 42.5 34.5 51.7
148 63.1 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.879 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion: 75 Resp: 6725
Ion Ratio Lower Upper
75 100
155 80.8 63.1 94.7
157 101.5 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 5.096 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

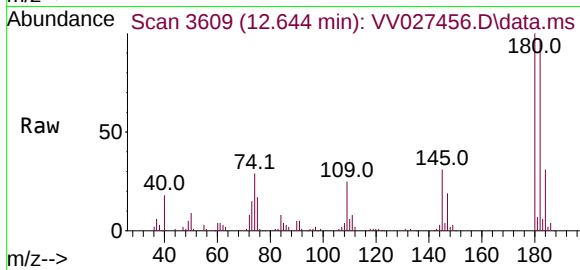
Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 87204

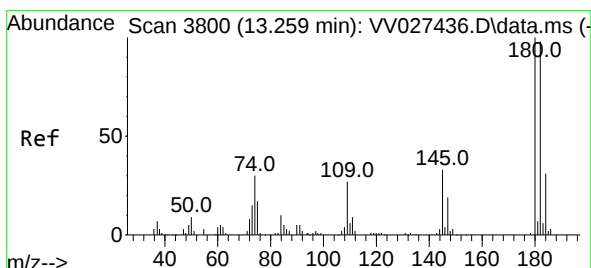
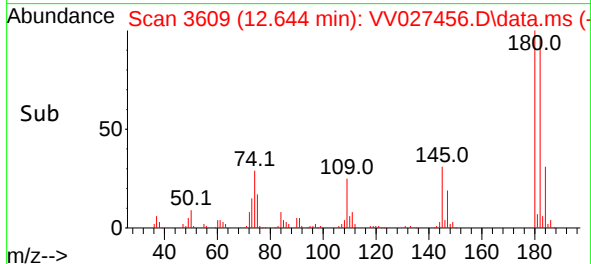
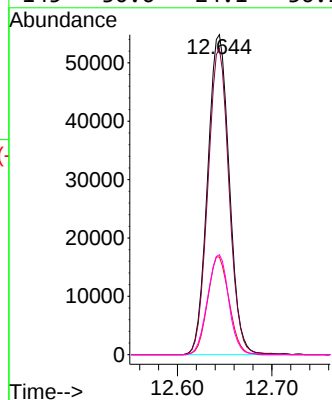
Ion Ratio Lower Upper

180 100

182 93.4 74.1 111.1

184 30.3 23.2 34.8

145 30.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.988 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027456.D

Acq: 22 Aug 2022 09:44

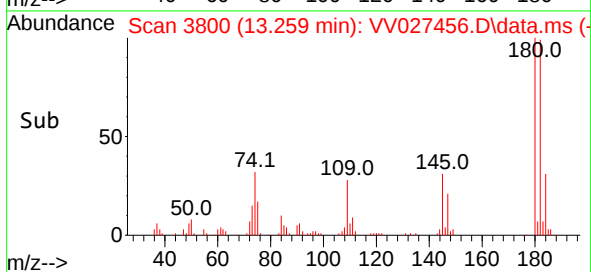
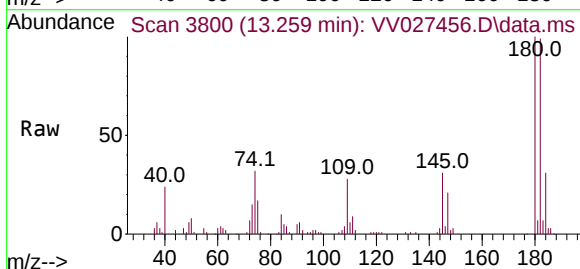
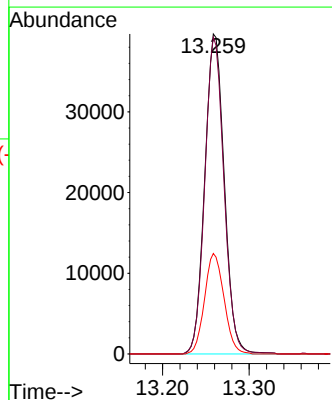
Tgt Ion:180 Resp: 62025

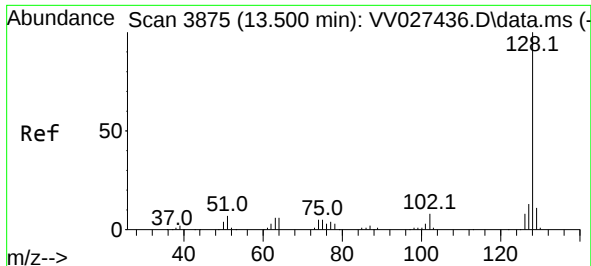
Ion Ratio Lower Upper

180 100

182 97.2 76.0 114.0

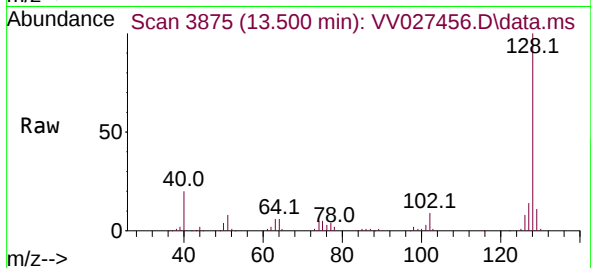
145 31.4 24.9 37.3



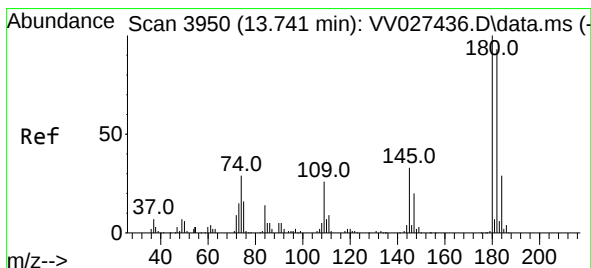
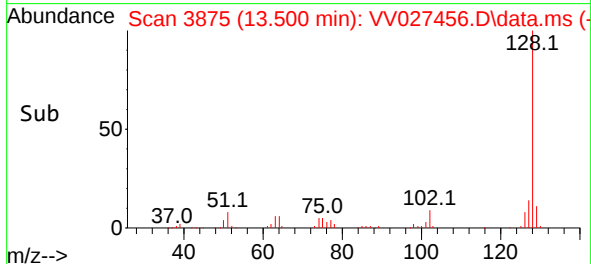
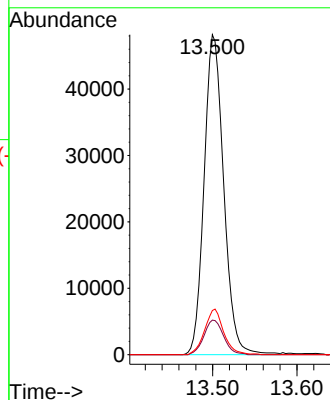


#71
Naphthalene
Concen: 4.550 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 78103
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.018 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027456.D
Acq: 22 Aug 2022 09:44

Tgt Ion:180 Resp: 55425
Ion Ratio Lower Upper
180 100
182 94.8 75.3 112.9
145 34.2 26.6 39.8

