

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027478.D
 Acq On : 22 Aug 2022 19:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	135872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72207	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40612	4.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.565	69	40144	5.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.108	63	102797	4.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.892	46	77930	64.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.520%
24) Chloroform-d	4.346	84	92132	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.031	65	39778	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.047	84	168665	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.069	67	49307	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	158595	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.622	79	16025	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.088	63	56896	47.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32571	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50538	4.721	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	71352	4.949	ug/L	99
3) Chloromethane	1.240	50	63425	5.038	ug/L	99
5) Vinyl chloride	1.311	62	63035	4.974	ug/L	99
6) Bromomethane	1.520	94	37932	6.053	ug/L	99
8) Chloroethane	1.584	64	45492	6.142	ug/L	97
9) Trichlorofluoromethane	1.751	101	106885	5.308	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60244	5.300	ug/L	98
12) 1,1-Dichloroethene	2.114	96	54774	5.328	ug/L	94
13) Acetone	2.179	43	85564	74.450	ug/L	95
14) Carbon disulfide	2.291	76	139896	4.958	ug/L	100
15) Methyl Acetate	2.436	43	18720	5.882	ug/L #	91
16) Methylene chloride	2.503	84	61941	3.997	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	106761	5.019	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	54108	5.109	ug/L	96
19) 1,1-Dichloroethane	3.185	63	109725	5.004	ug/L	99
21) 2-Butanone	3.973	43	108819	71.147	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	73731	6.532	ug/L	98
23) Bromochloromethane	4.249	128	24784	4.979	ug/L	87
25) Chloroform	4.371	83	121301	5.088	ug/L	94

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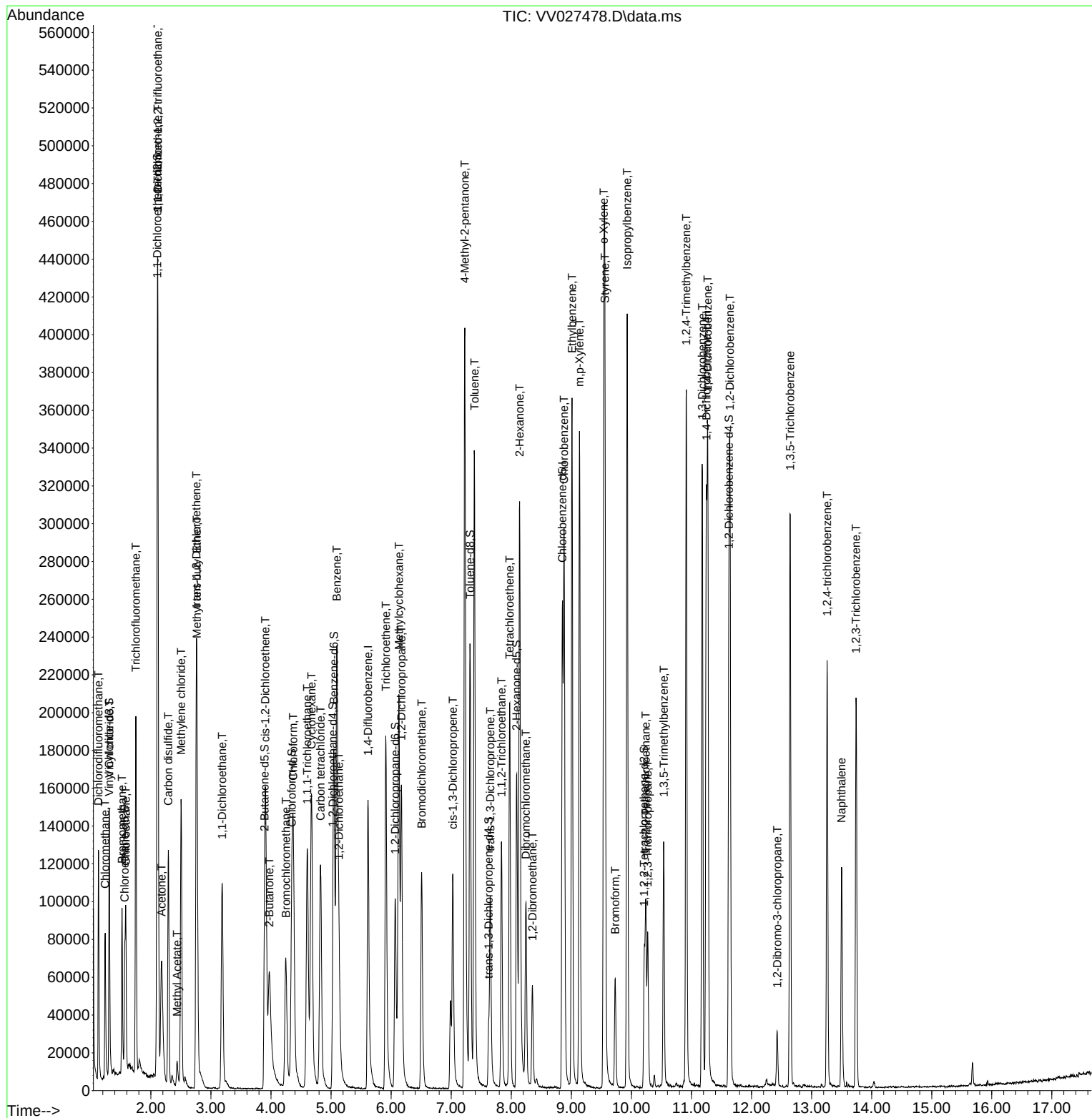
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	65610	5.416	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	105598	5.237	ug/L	99
30) Cyclohexane	4.674	56	78097	5.046	ug/L	99
31) Carbon tetrachloride	4.825	117	94042	5.363	ug/L	99
33) Benzene	5.095	78	237794	5.444	ug/L	100
34) Trichloroethene	5.912	95	70336	6.119	ug/L	99
35) Methylcyclohexane	6.130	83	80889	5.003	ug/L	96
37) 1,2-Dichloropropane	6.172	63	58525	5.026	ug/L	99
38) Bromodichloromethane	6.510	83	81543	5.523	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	71093	5.063	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	282340	54.265	ug/L	98
42) Toluene	7.387	91	250282	5.551	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	60360	5.085	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	41089	5.519	ug/L	94
47) Tetrachloroethene	7.973	164	46116	5.150	ug/L	99
48) 2-Hexanone	8.140	43	201810	53.829	ug/L	96
49) Dibromochloromethane	8.243	129	49994	5.460	ug/L	99
50) 1,2-Dibromoethane	8.352	107	34626	5.329	ug/L	98
51) Chlorobenzene	8.879	112	152097	5.212	ug/L	98
52) Ethylbenzene	9.011	91	246178	5.349	ug/L	99
53) m,p-Xylene	9.137	106	96646	5.488	ug/L	100
54) o-Xylene	9.542	106	92183	5.396	ug/L	99
55) Styrene	9.561	104	164011	5.644	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45818	5.464	ug/L	97
59) Bromoform	9.731	173	25969	5.366	ug/L	99
60) Isopropylbenzene	9.931	105	251308	5.290	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	32938	5.200	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	66555	5.052	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	193053	5.201	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	130358	5.569	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	125294	5.369	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	117647	5.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	8175	5.809	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644	180	89903	5.145	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	65196	5.134	ug/L	99
71) Naphthalene	13.500	128	90584	5.168	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60605	5.374	ug/L	99

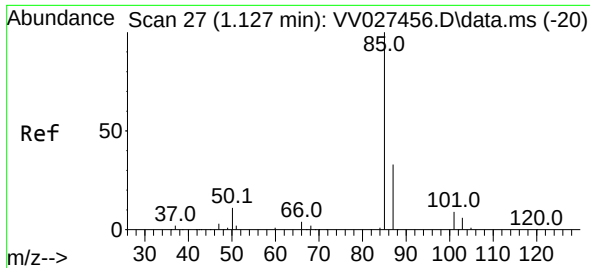
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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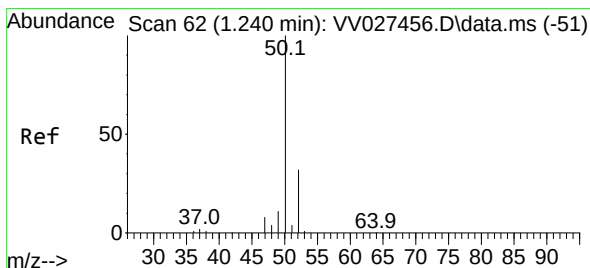
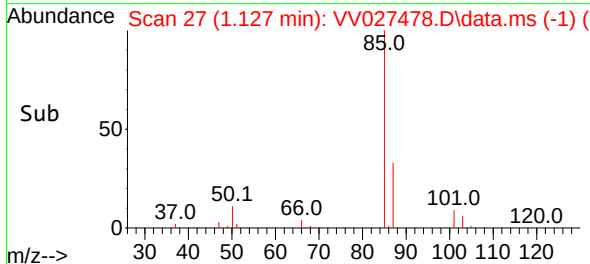
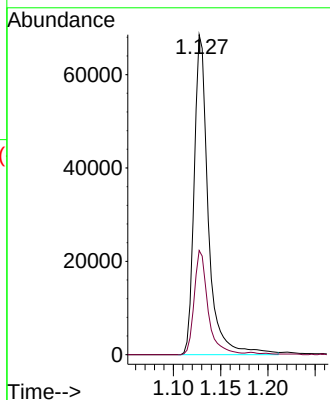
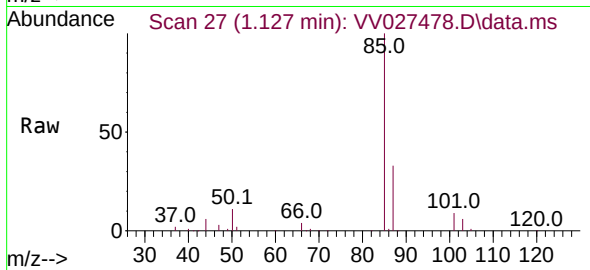




#2
 Dichlorodifluoromethane
 Concen: 4.949 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26

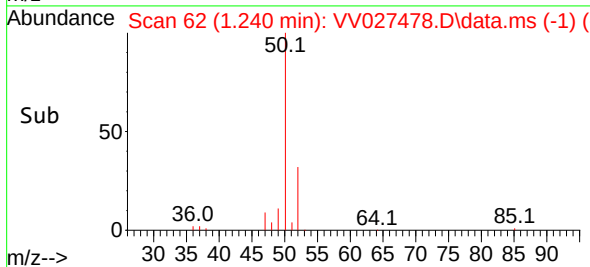
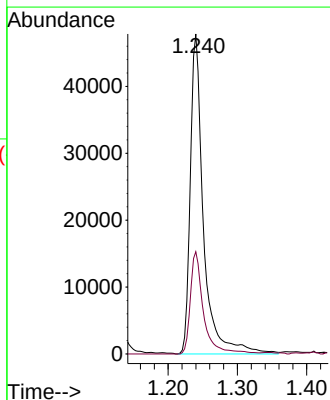
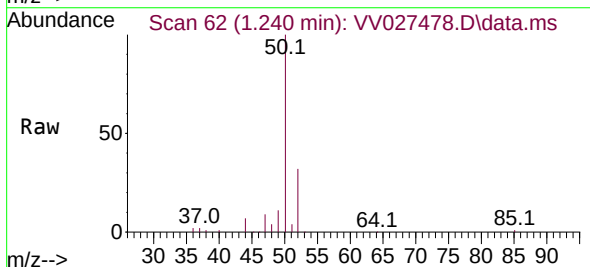
Instrument :
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 ClientSampleId :

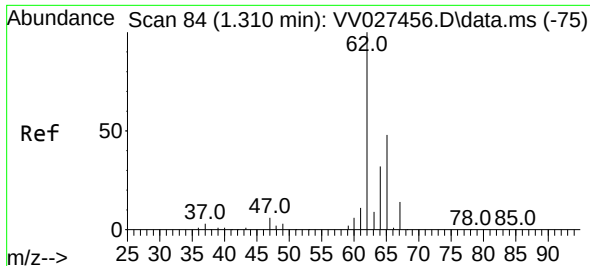
Tgt Ion: 85 Resp: 71352
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.038 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26

Tgt Ion: 50 Resp: 63425
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.8 42.4

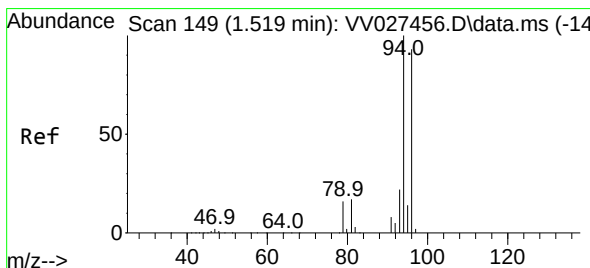
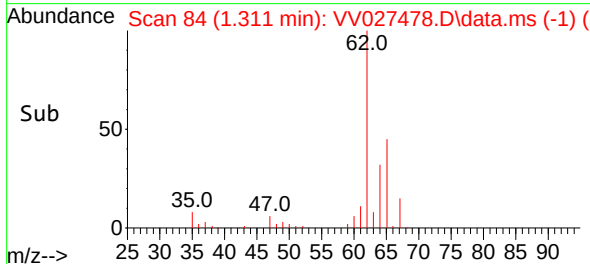
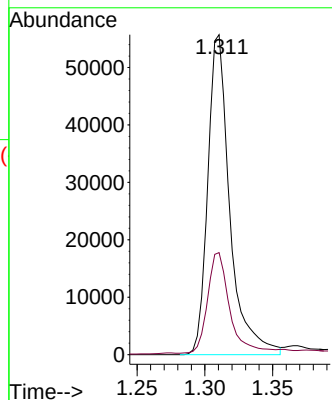
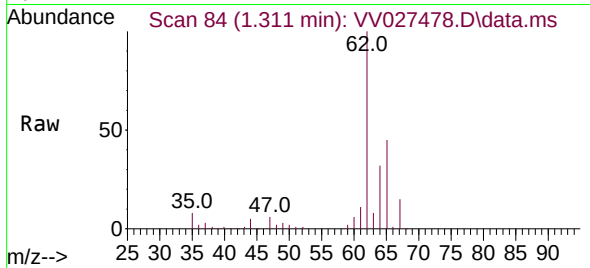




#5
 Vinyl chloride
 Concen: 4.974 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26

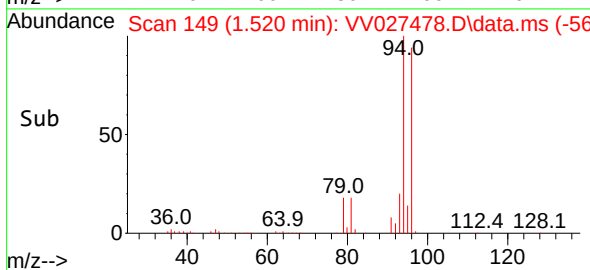
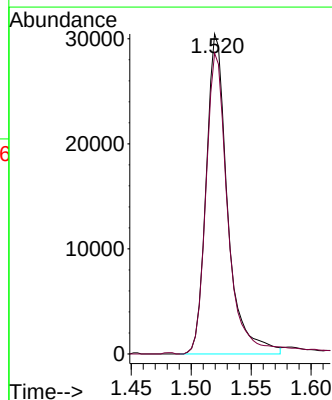
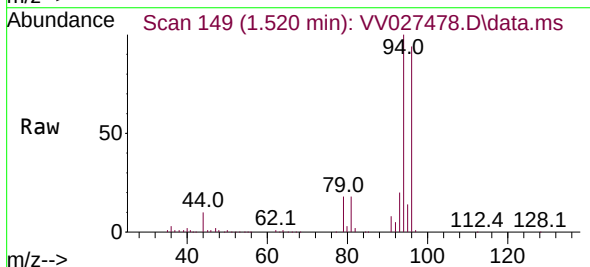
Instrument :
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 ClientSampleId :

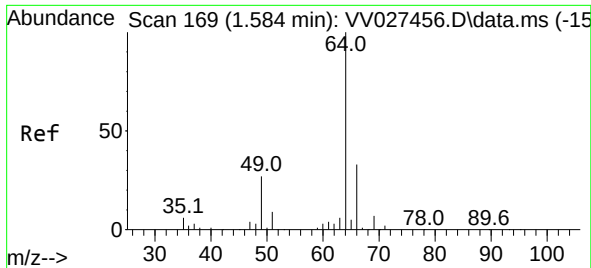
Tgt Ion: 62 Resp: 63035
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.6 42.0



#6
 Bromomethane
 Concen: 6.053 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26

Tgt Ion: 94 Resp: 37932
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.2 121.0

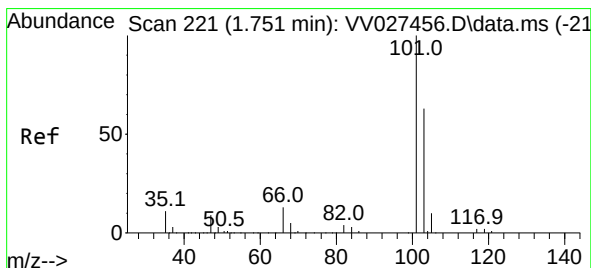
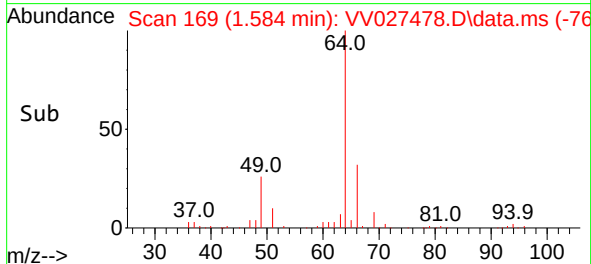
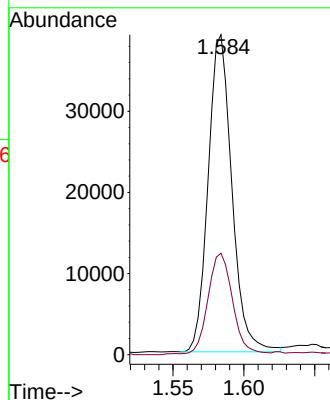
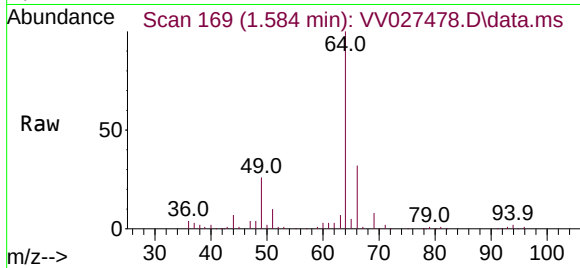




#8
Chloroethane
Concen: 6.142 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

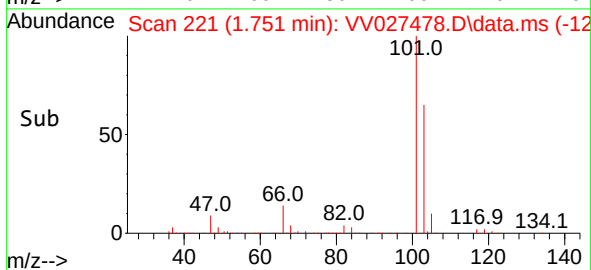
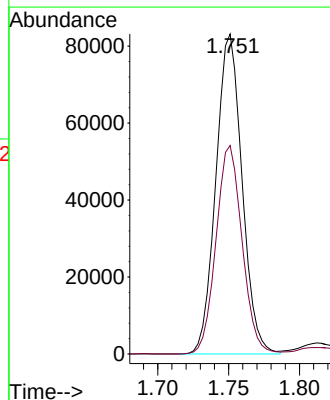
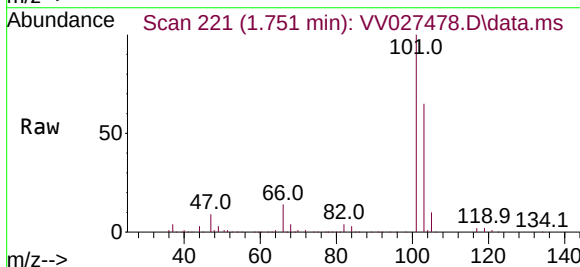
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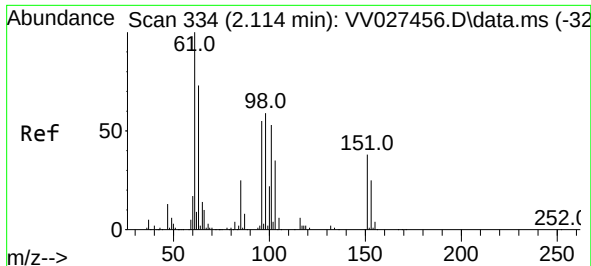
Tgt Ion: 64 Resp: 45492
Ion Ratio Lower Upper
64 100
66 31.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.308 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 101 Resp: 106885
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

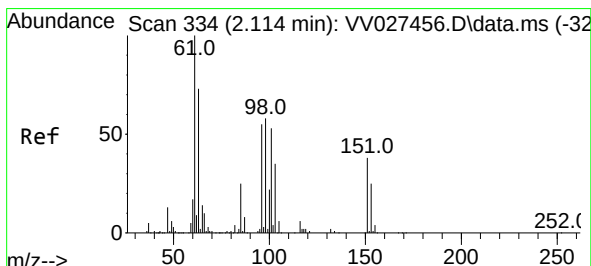
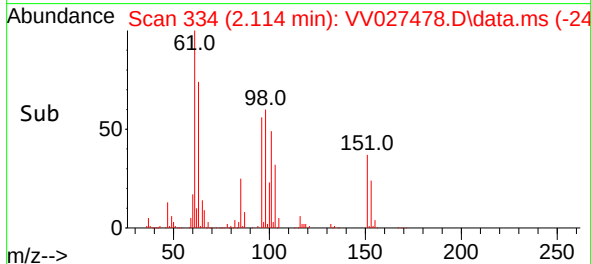
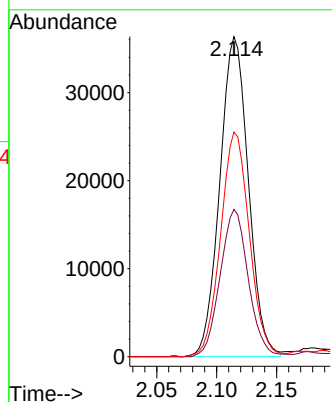
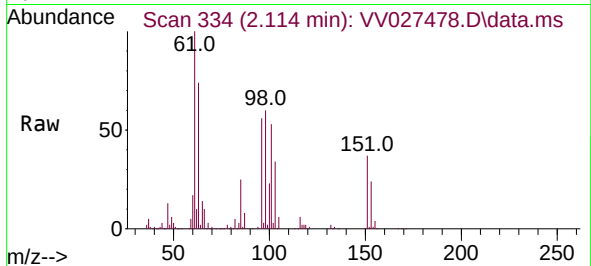




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.300 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26

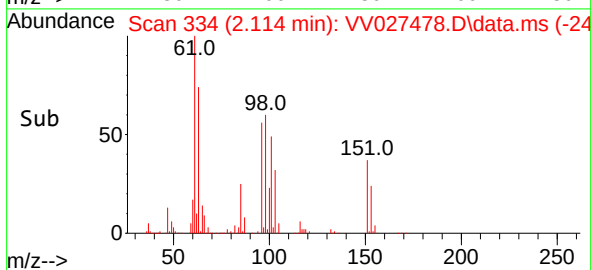
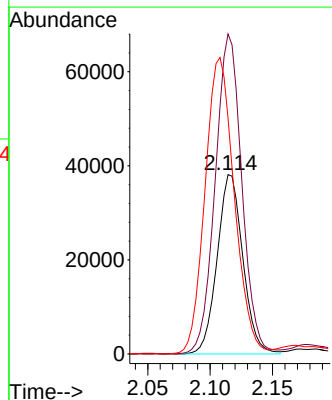
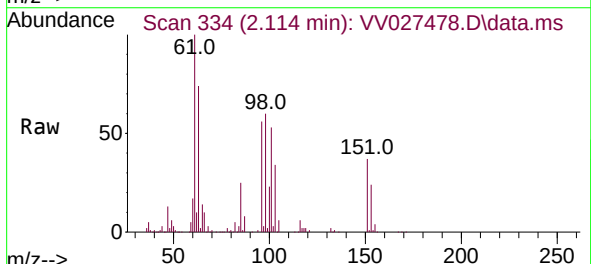
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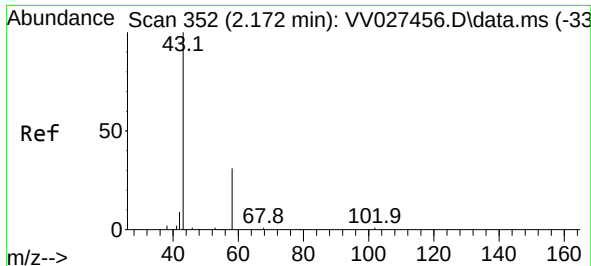
Tgt Ion:101 Resp: 60244
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.3 52.9
 151 70.7 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.328 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26

Tgt Ion: 96 Resp: 54774
 Ion Ratio Lower Upper
 96 100
 61 178.3 130.2 241.8
 63 131.6 87.4 162.4





#13

Acetone

Concen: 74.450 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV027478.D

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Instrument :

MSVOA_V

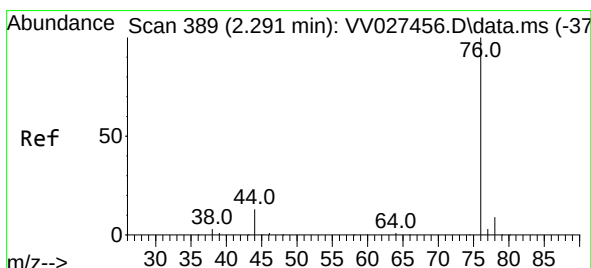
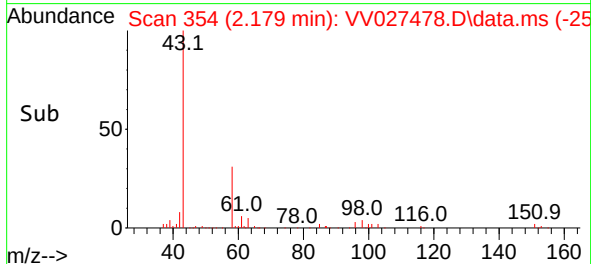
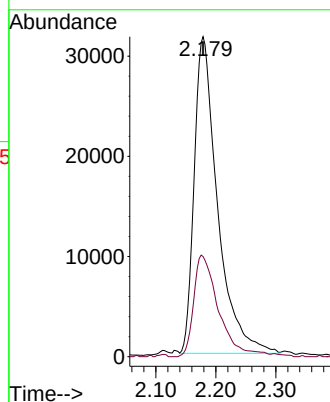
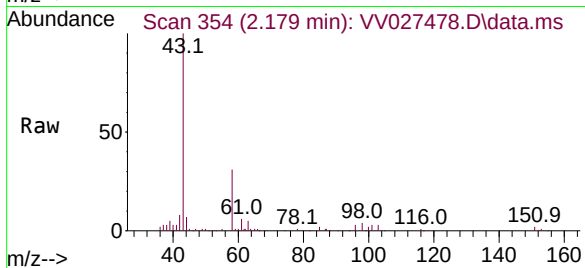
ClientSampleId :

Tgt Ion: 43 Resp: 85564

Ion Ratio Lower Upper

43 100

58 34.1 0.0 62.2



#14

Carbon disulfide

Concen: 4.958 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV027478.D

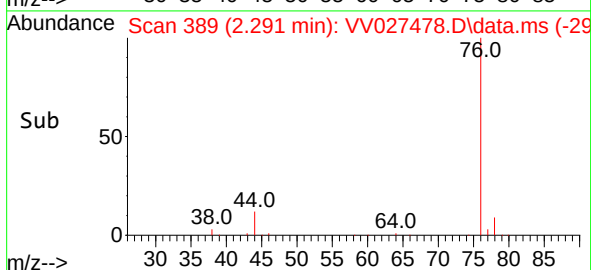
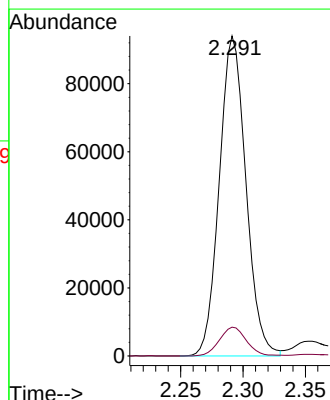
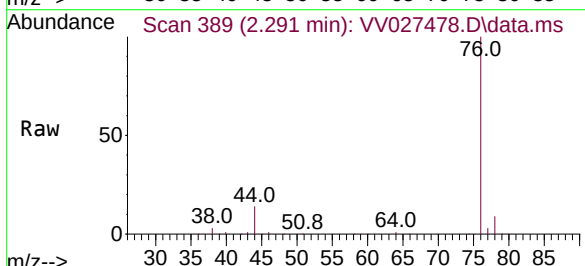
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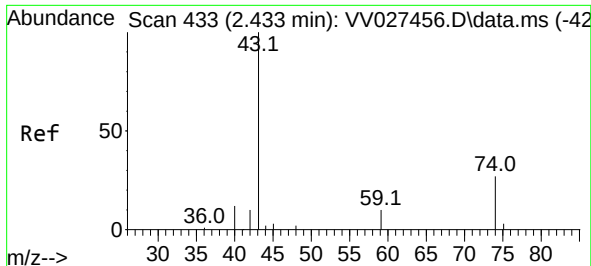
Tgt Ion: 76 Resp: 139896

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

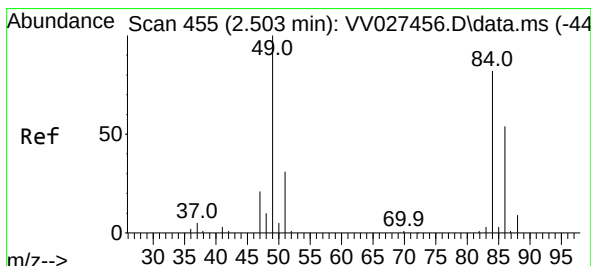
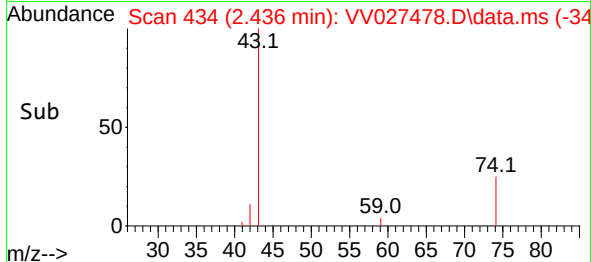
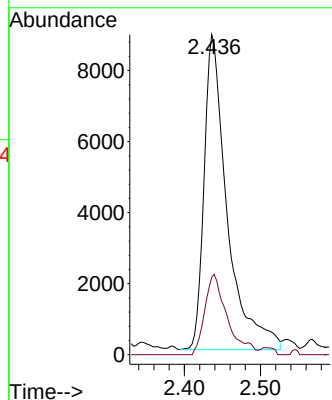
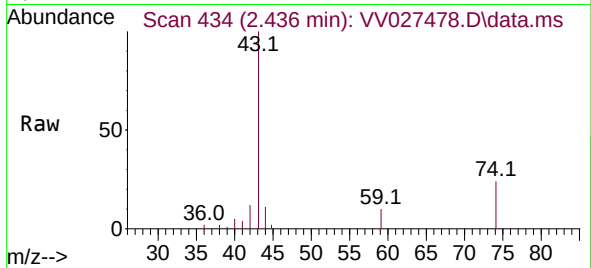




#15
Methyl Acetate
Concen: 5.882 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

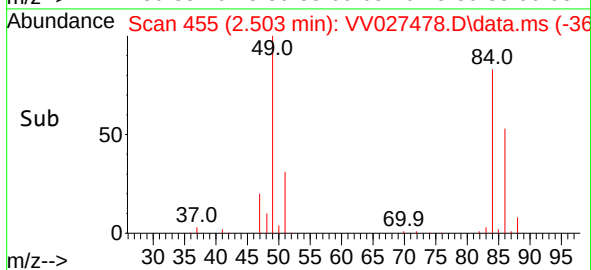
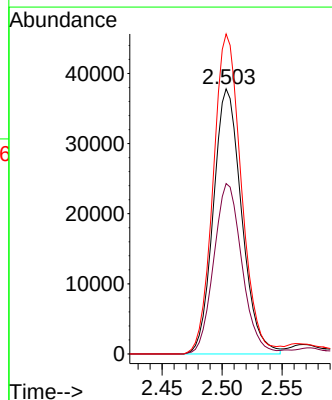
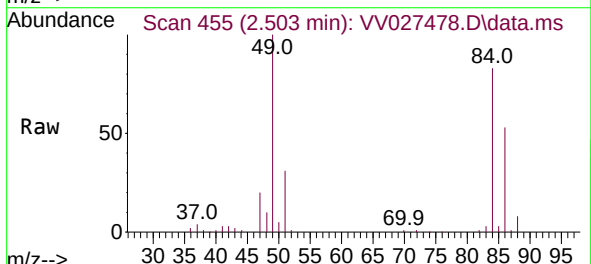
Instrument :
MSVOA_V
ClientSampleId :

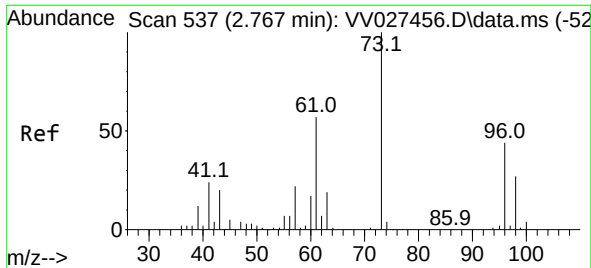
Tgt Ion: 43 Resp: 18720
Ion Ratio Lower Upper
43 100
74 24.7 16.3 24.5#



#16
Methylene chloride
Concen: 3.997 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 84 Resp: 61941
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.6
49 120.7 89.4 166.0

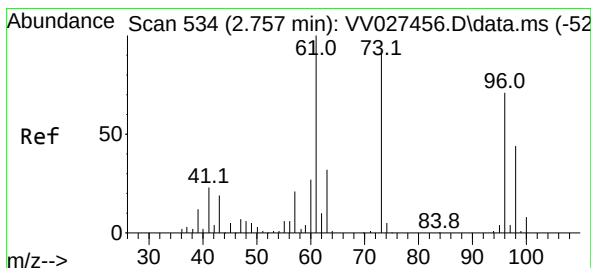
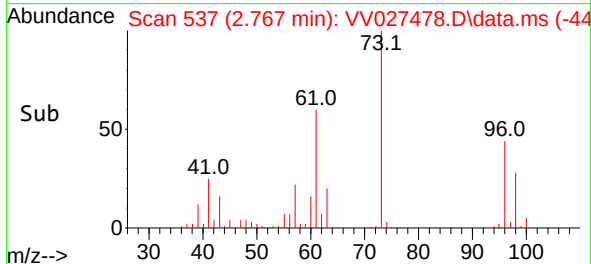
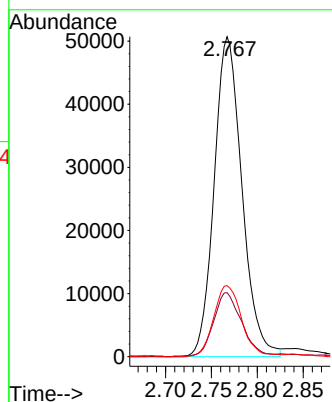
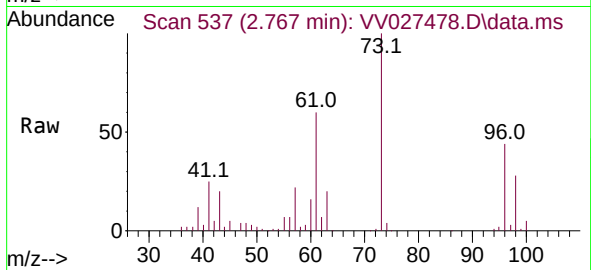




#17
Methyl tert-butyl Ether
Concen: 5.019 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

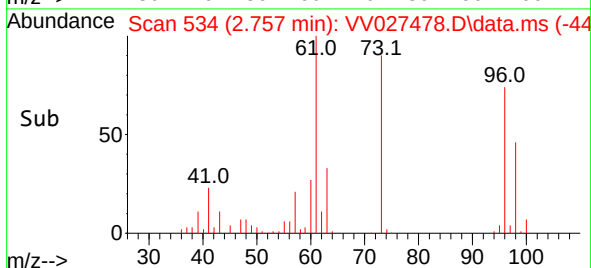
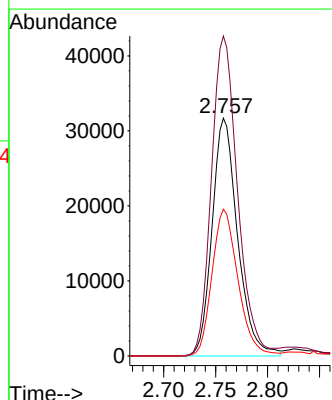
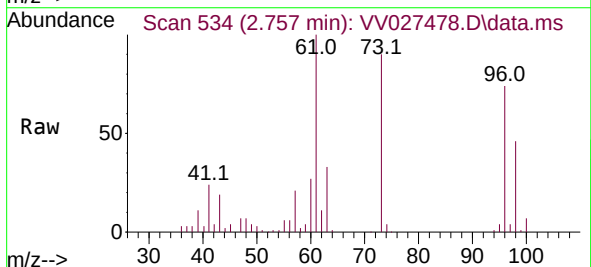
Instrument :
MSVOA_V
ClientSampleId :

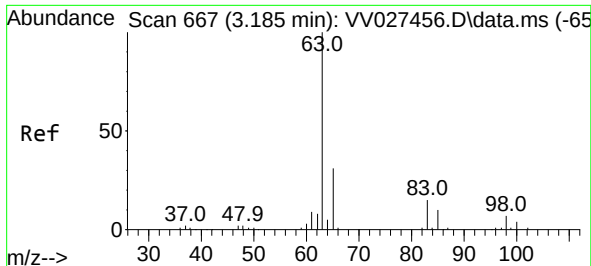
Tgt Ion: 73 Resp: 106761
Ion Ratio Lower Upper
73 100
43 20.4 15.6 23.4
57 22.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.109 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 96 Resp: 54108
Ion Ratio Lower Upper
96 100
61 134.5 97.6 181.4
98 61.7 45.9 85.3





#19

1,1-Dichloroethane

Concen: 5.004 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

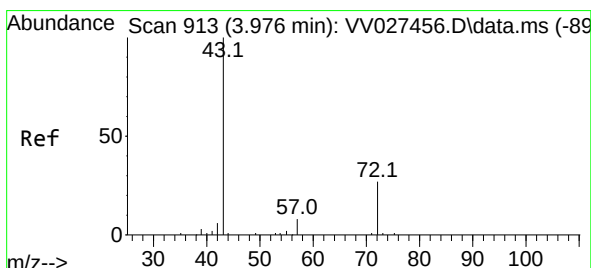
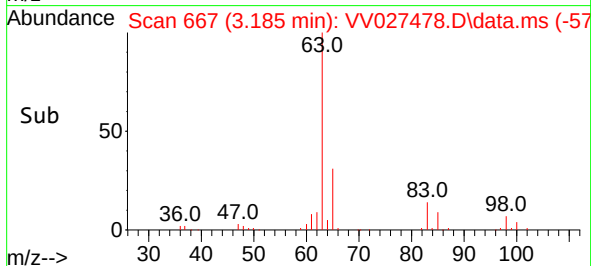
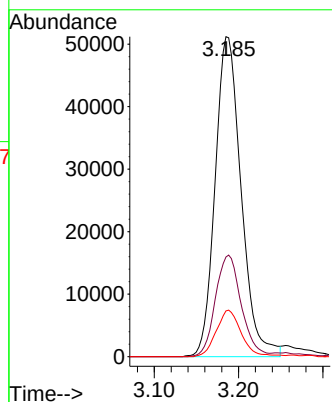
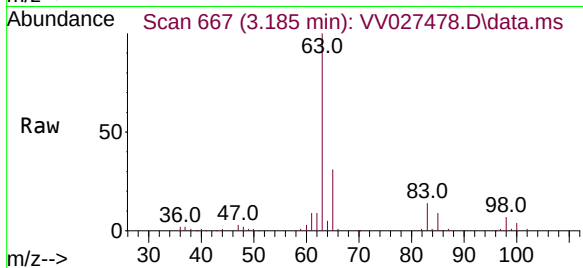
Tgt Ion: 63 Resp: 109725

Ion Ratio Lower Upper

63 100

65 31.2 22.1 41.1

83 14.3 9.6 17.8



#21

2-Butanone

Concen: 71.147 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV027478.D

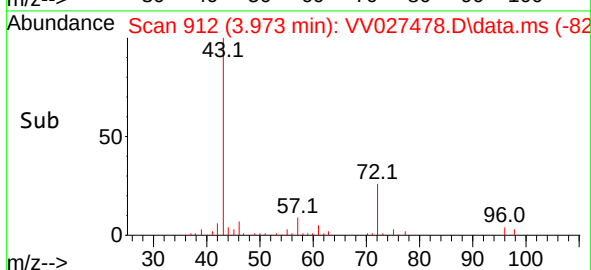
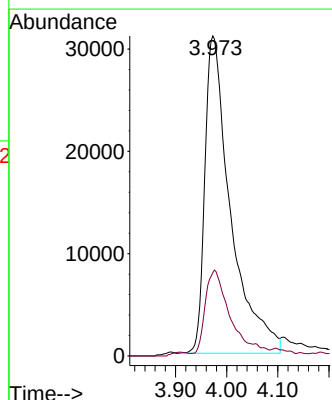
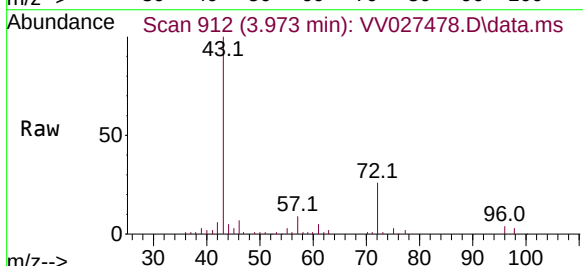
Acq: 22 Aug 2022 19:26

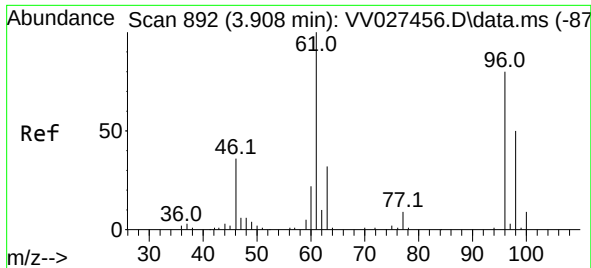
Tgt Ion: 43 Resp: 108819

Ion Ratio Lower Upper

43 100

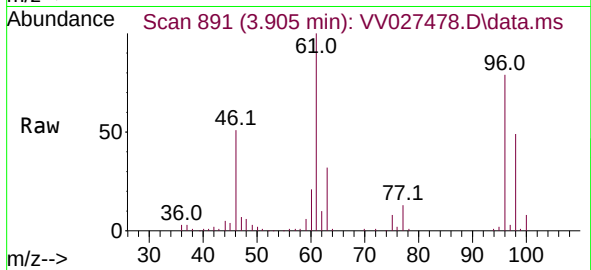
72 25.8 12.0 36.1



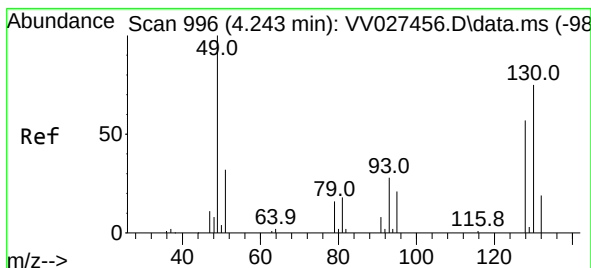
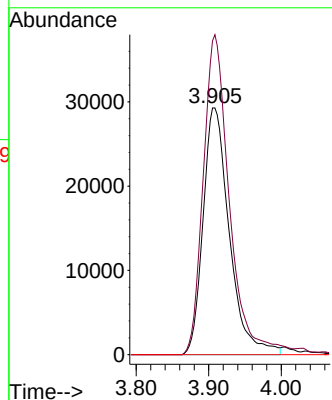
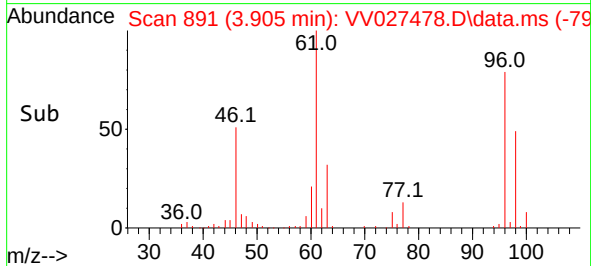


#22
 cis-1,2-Dichloroethene
 Concen: 6.532 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26

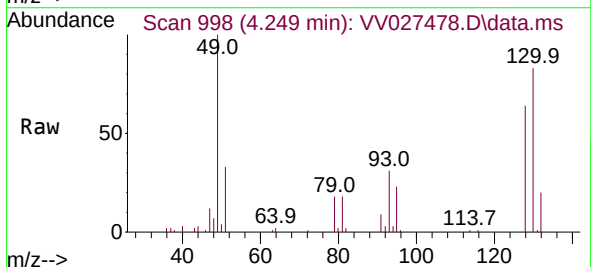
Instrument :
 MSVOA_V
 ClientSampleId :



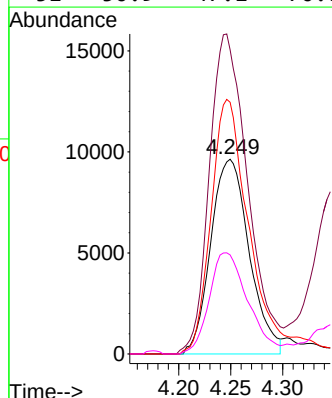
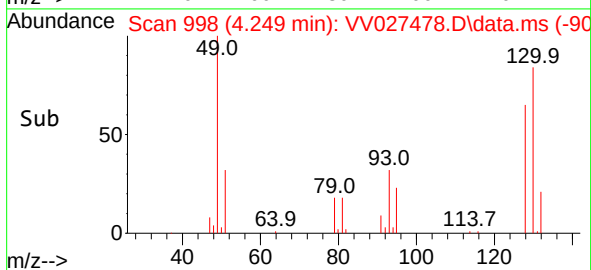
Tgt Ion: 96 Resp: 73731
 Ion Ratio Lower Upper
 96 100
 61 127.2 90.6 168.2
 68 0.0 0.0 0.0

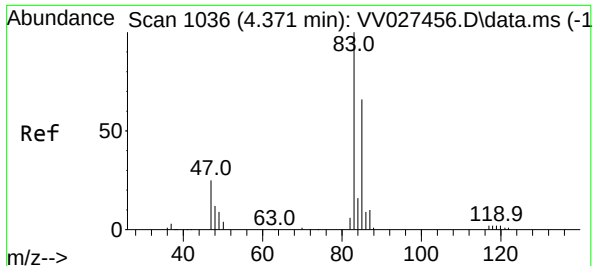


#23
 Bromochloromethane
 Concen: 4.979 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV027478.D
 Acq: 22 Aug 2022 19:26



Tgt Ion: 128 Resp: 24784
 Ion Ratio Lower Upper
 128 100
 49 156.2 127.5 236.7
 130 129.3 97.0 180.2
 51 50.9 47.1 70.7





#25

Chloroform

Concen: 5.088 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

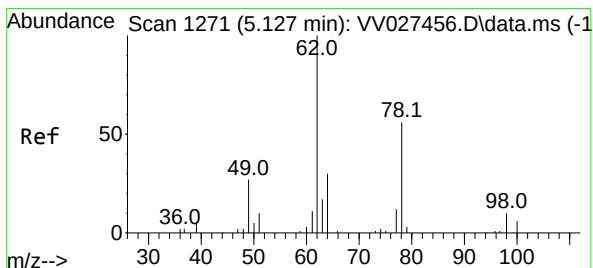
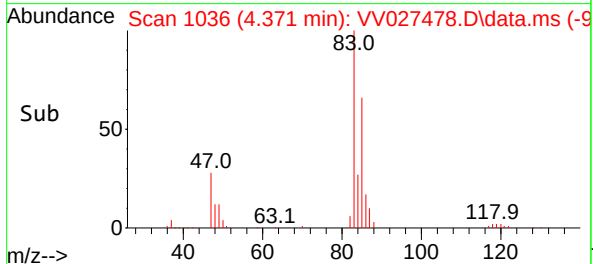
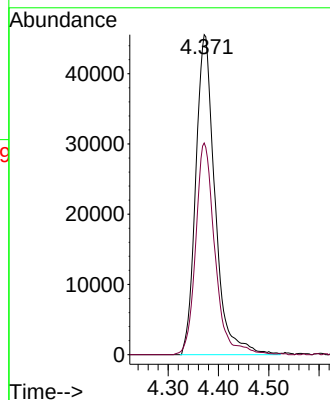
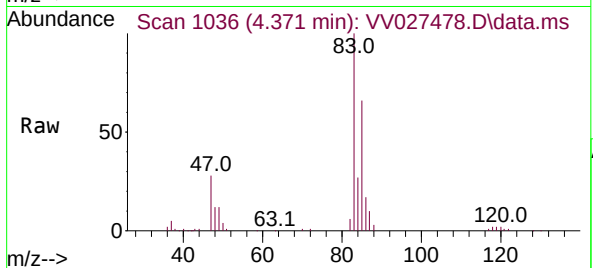
ClientSampleId :

Tgt Ion: 83 Resp: 121301

Ion Ratio Lower Upper

83 100

85 66.2 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.416 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027478.D

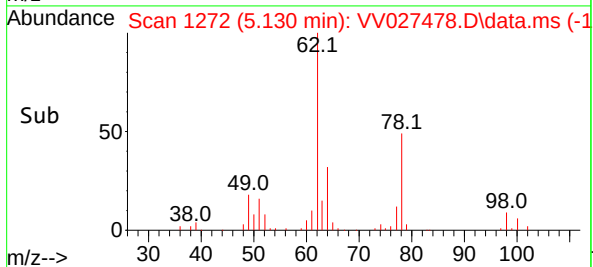
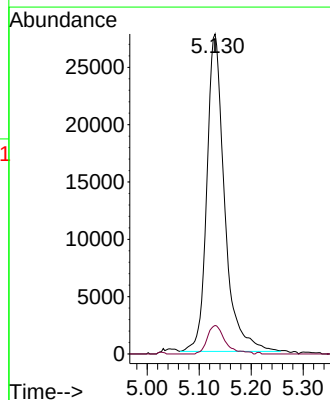
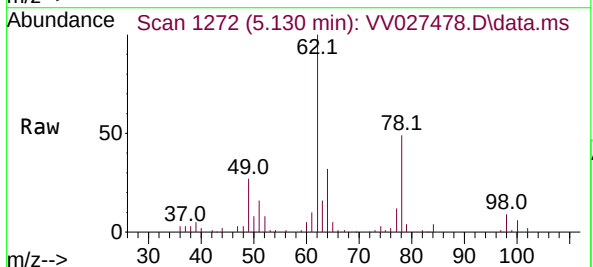
Acq: 22 Aug 2022 19:26

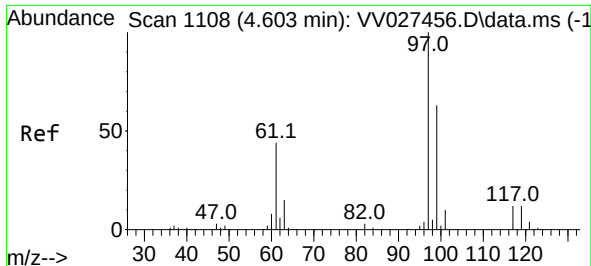
Tgt Ion: 62 Resp: 65610

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.237 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

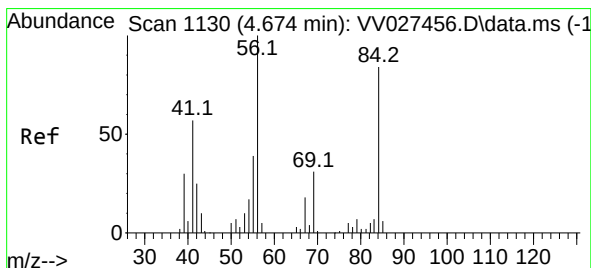
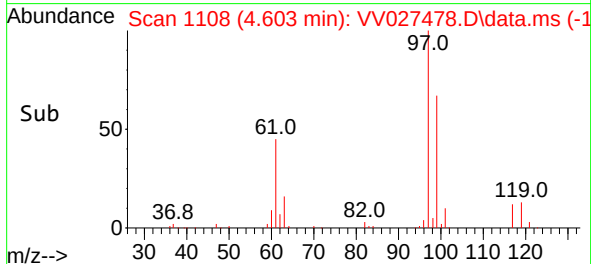
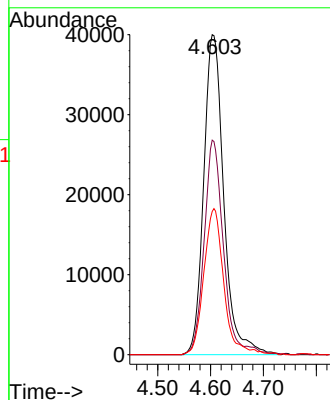
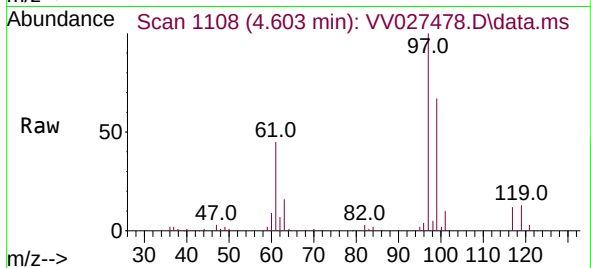
Tgt Ion: 97 Resp: 105598

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 45.5 35.9 53.9



#30

Cyclohexane

Concen: 5.046 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

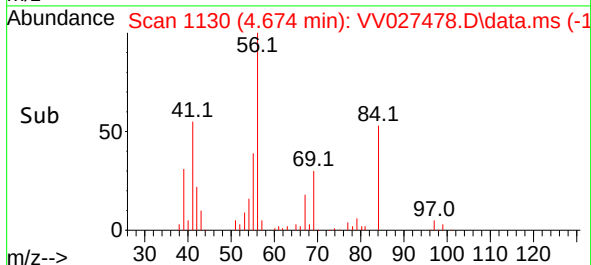
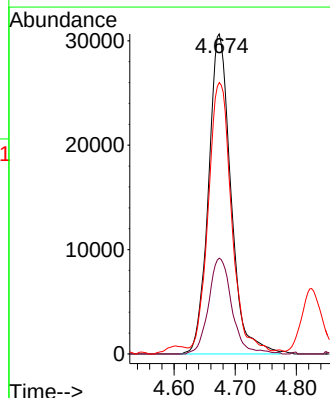
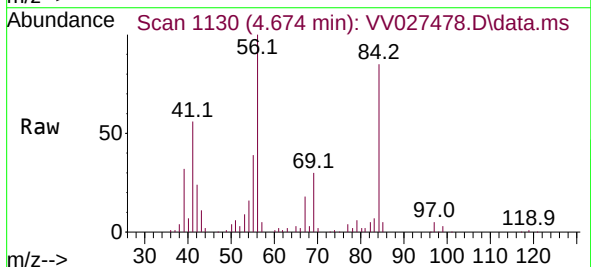
Tgt Ion: 56 Resp: 78097

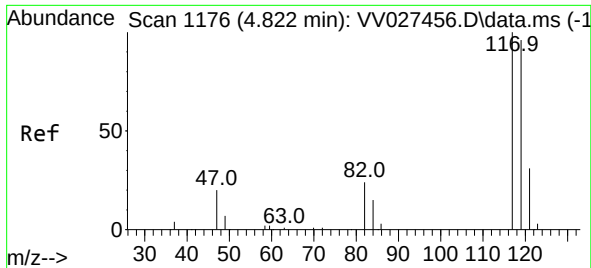
Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 86.7 69.7 104.5

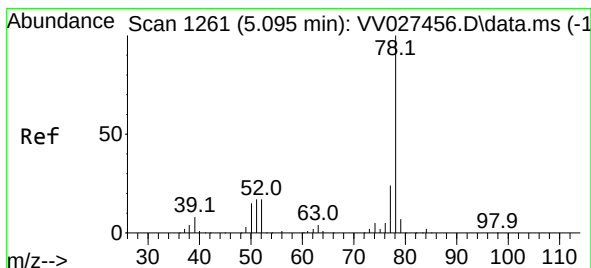
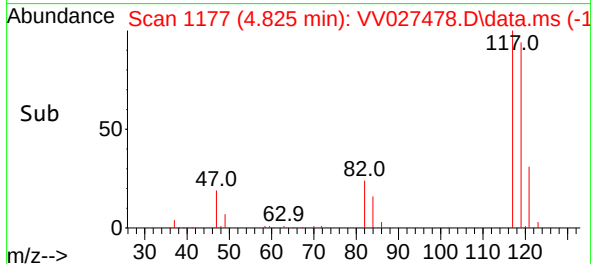
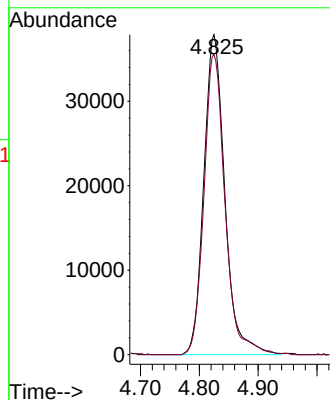
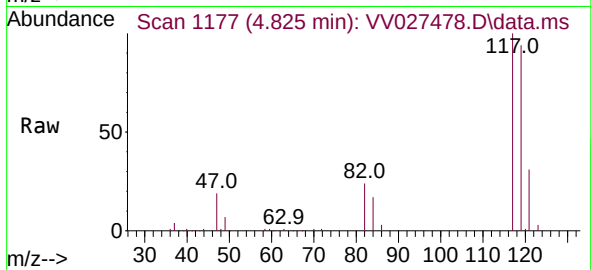




#31
Carbon tetrachloride
Concen: 5.363 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

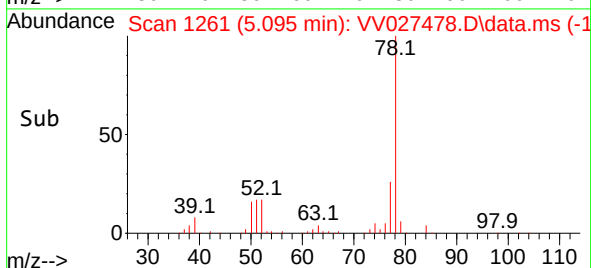
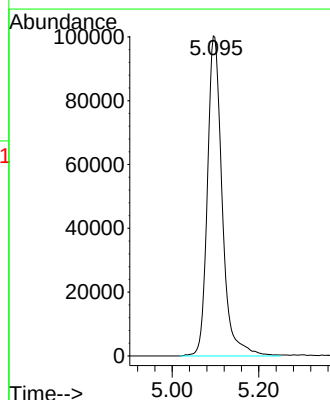
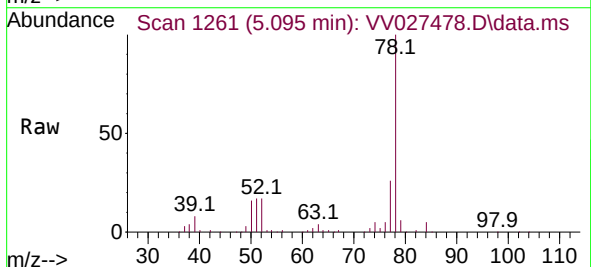
Instrument :
MSVOA_V
ClientSampleId :

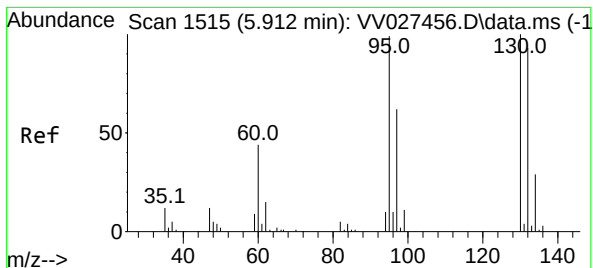
Tgt Ion:117 Resp: 94042
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1



#33
Benzene
Concen: 5.444 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 78 Resp: 237794





#34

Trichloroethene

Concen: 6.119 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 70336

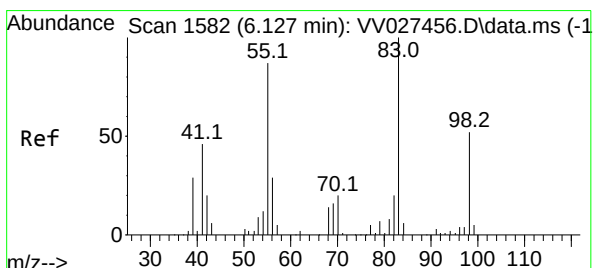
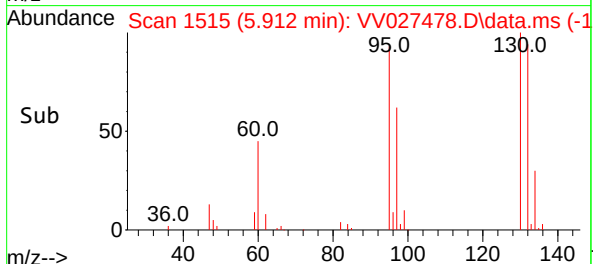
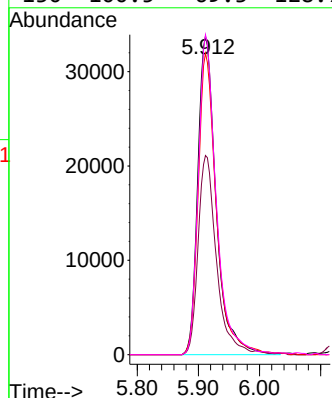
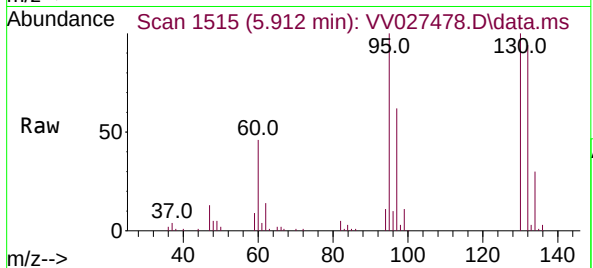
Ion Ratio Lower Upper

95 100

97 62.5 45.0 83.6

132 94.6 65.7 121.9

130 100.5 69.3 128.7



#35

Methylcyclohexane

Concen: 5.003 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

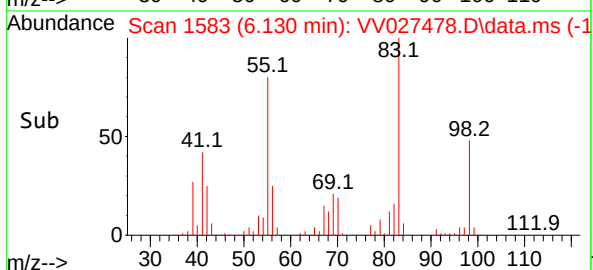
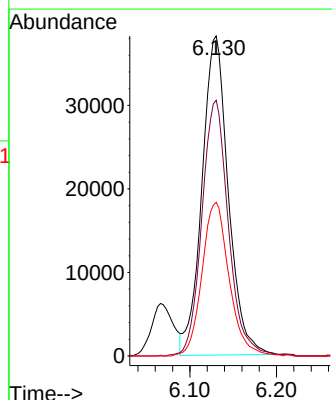
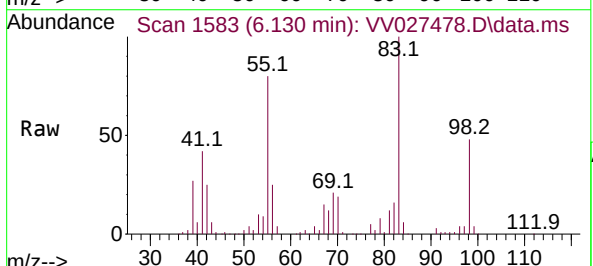
Tgt Ion: 83 Resp: 80889

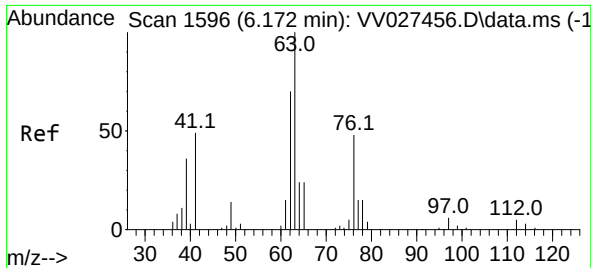
Ion Ratio Lower Upper

83 100

55 80.6 68.2 102.4

98 49.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.026 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

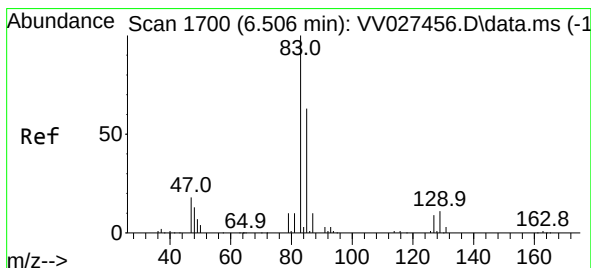
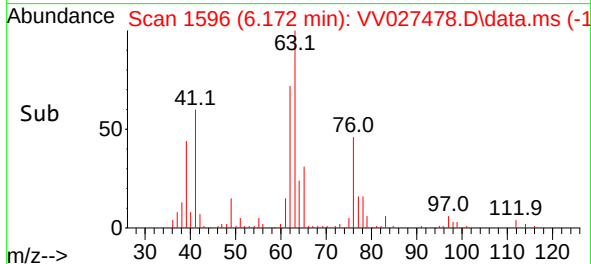
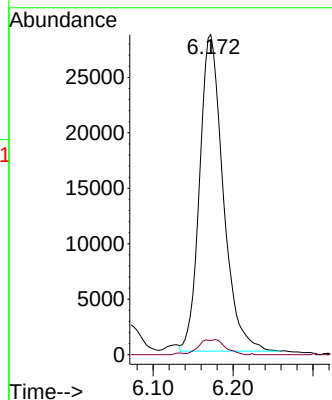
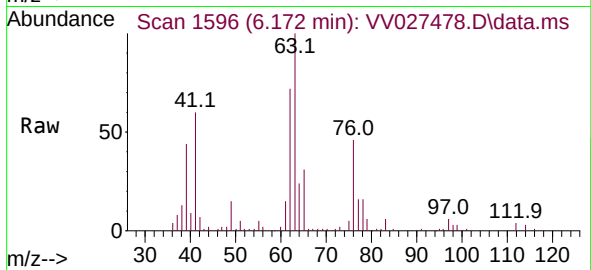
ClientSampleId :

Tgt Ion: 63 Resp: 58525

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 5.523 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

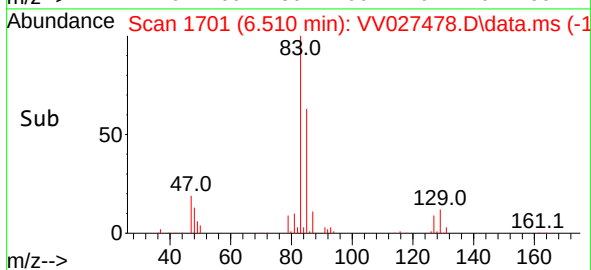
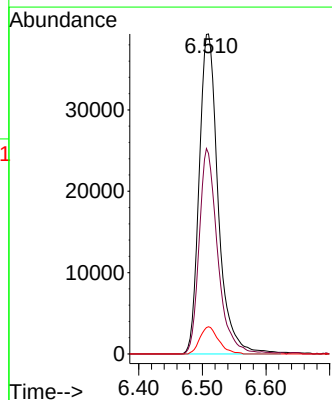
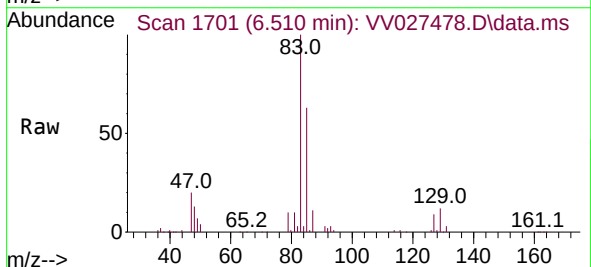
Tgt Ion: 83 Resp: 81543

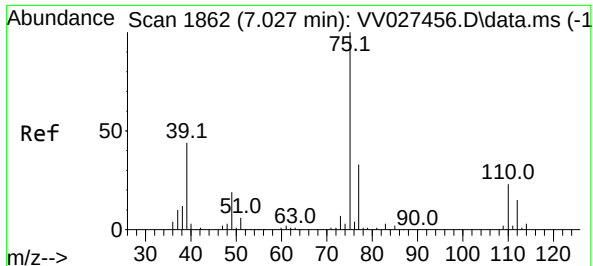
Ion Ratio Lower Upper

83 100

85 62.7 45.3 84.1

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.063 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

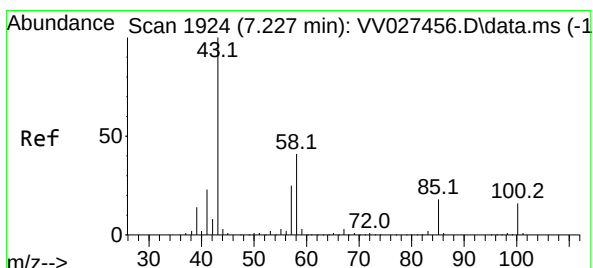
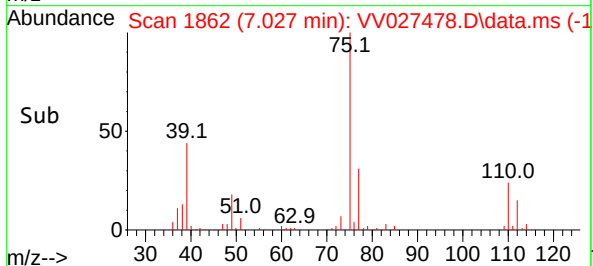
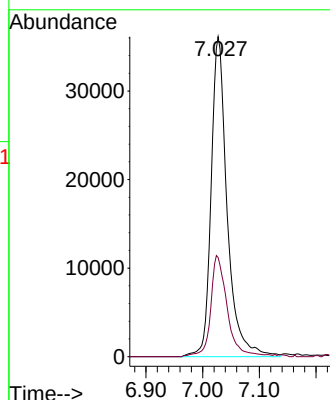
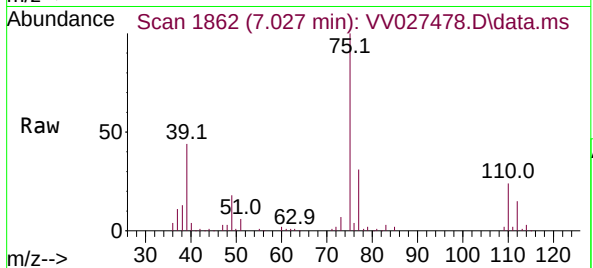
ClientSampleId :

Tgt Ion: 75 Resp: 71093

Ion Ratio Lower Upper

75 100

77 31.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 54.265 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

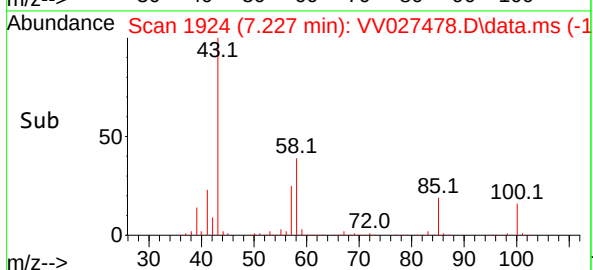
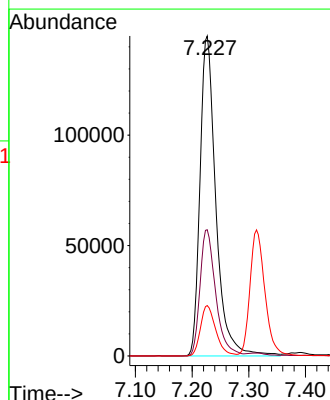
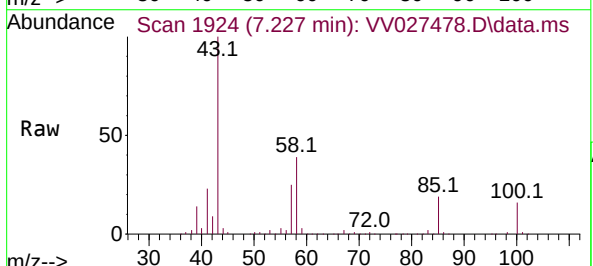
Tgt Ion: 43 Resp: 282340

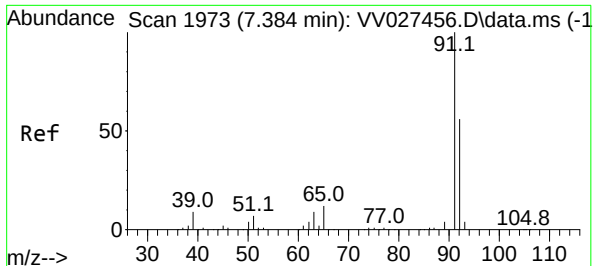
Ion Ratio Lower Upper

43 100

58 39.0 30.6 45.8

100 15.2 11.0 16.4





#42

Toluene

Concen: 5.551 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

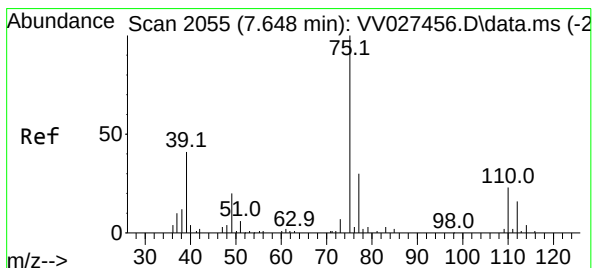
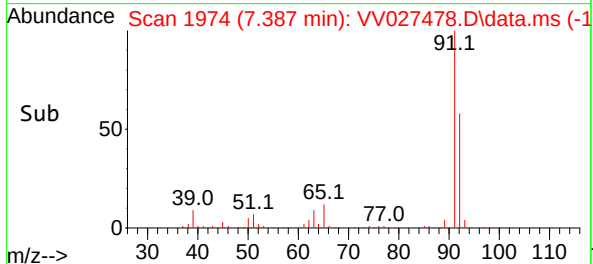
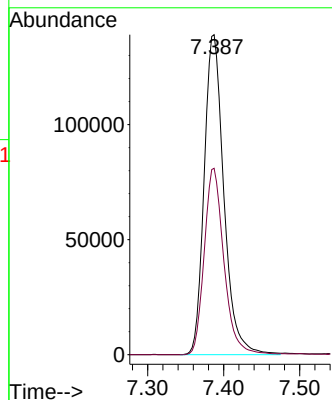
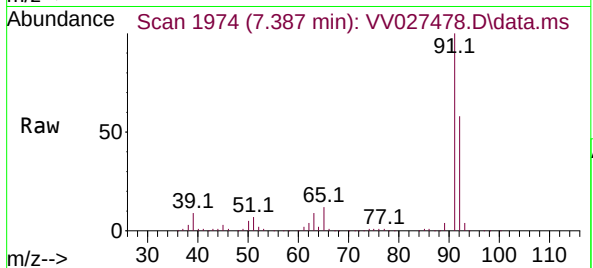
ClientSampleId :

Tgt Ion: 91 Resp: 250282

Ion Ratio Lower Upper

91 100

92 58.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.085 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027478.D

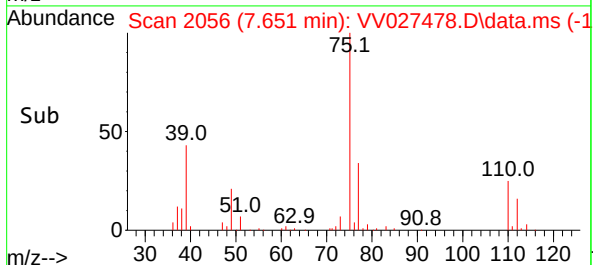
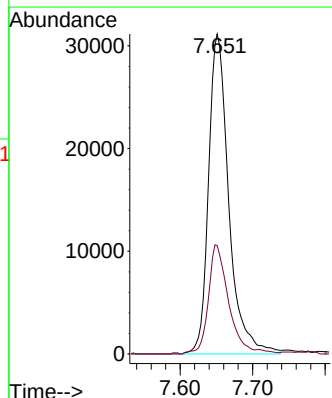
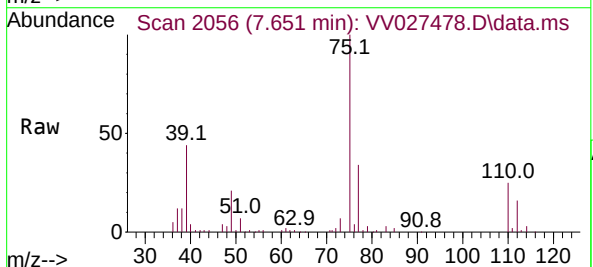
Acq: 22 Aug 2022 19:26

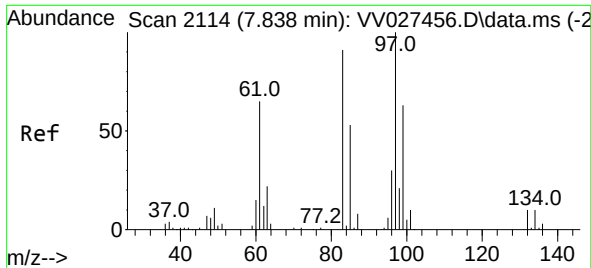
Tgt Ion: 75 Resp: 60360

Ion Ratio Lower Upper

75 100

77 33.9 22.3 41.5



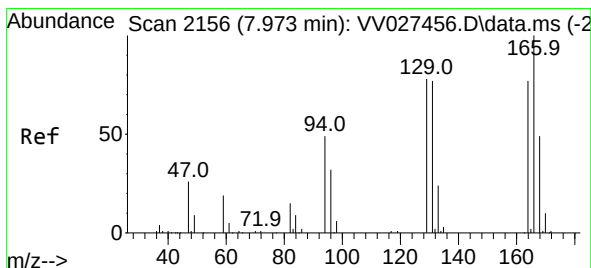
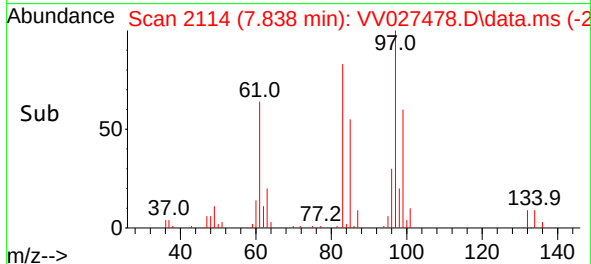
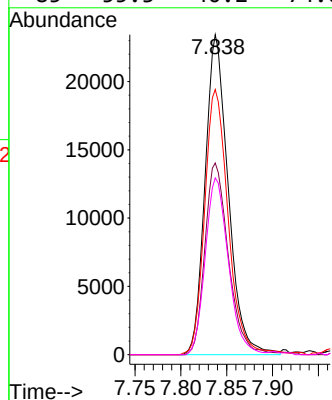
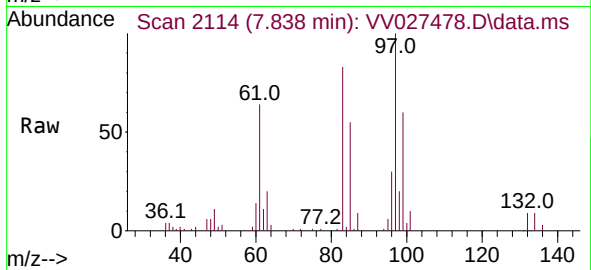


#45
1,1,2-Trichloroethane
Concen: 5.519 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 41089

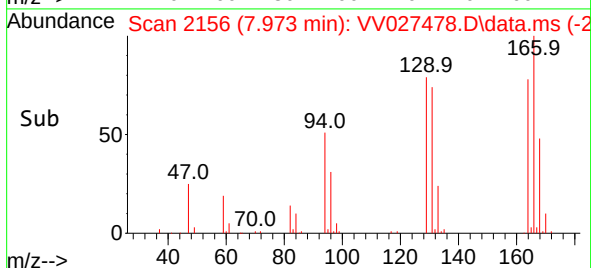
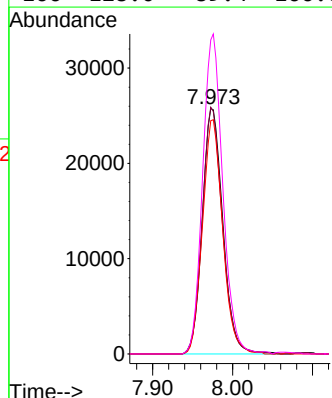
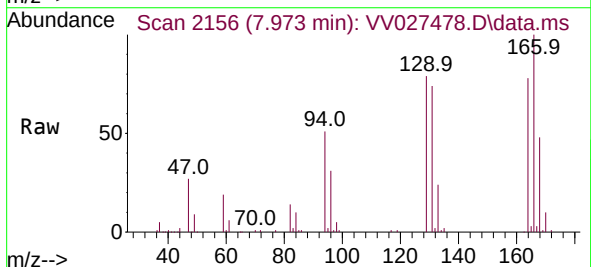
Ion	Ratio	Lower	Upper
97	100		
99	59.9	46.1	85.7
83	82.8	63.0	117.0
85	55.3	40.2	74.6

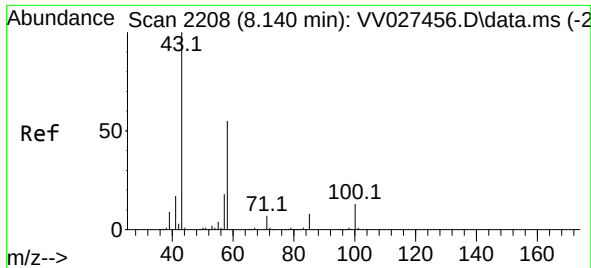


#47
Tetrachloroethene
Concen: 5.150 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 164 Resp: 46116

Ion	Ratio	Lower	Upper
164	100		
129	100.5	71.1	132.1
131	95.1	64.5	119.9
166	128.0	89.4	166.0

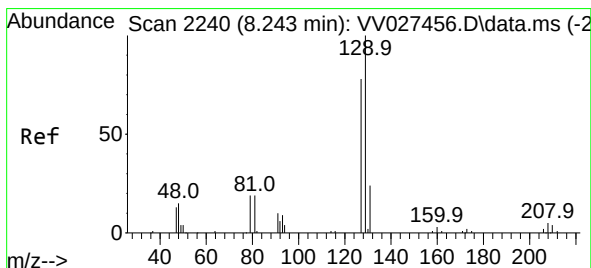
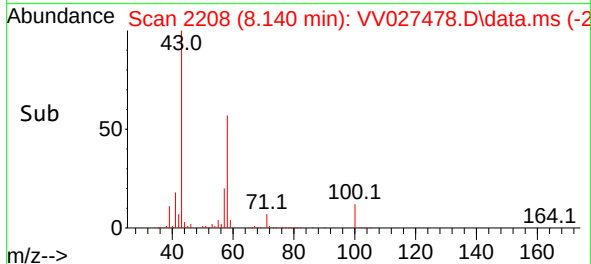
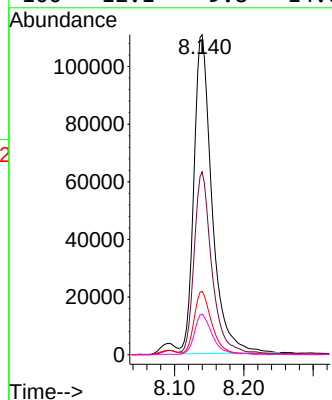
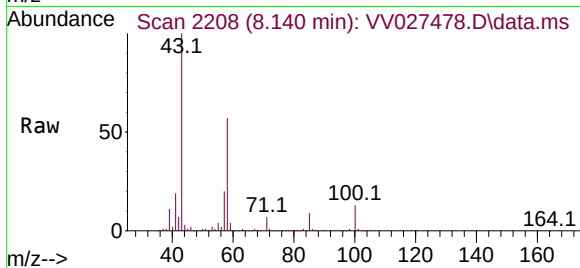




#48
2-Hexanone
Concen: 53.829 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

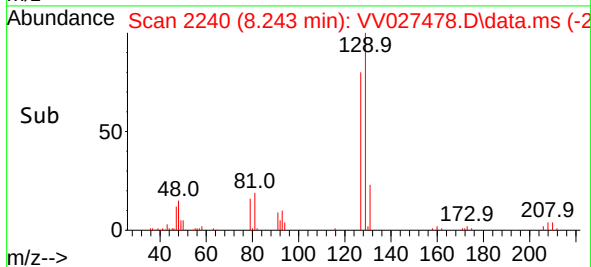
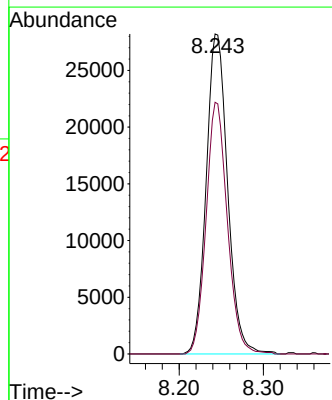
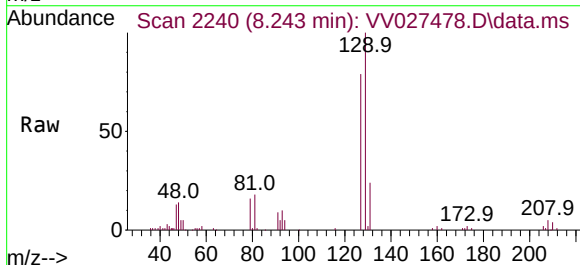
Instrument :
MSVOA_V
ClientSampleId :

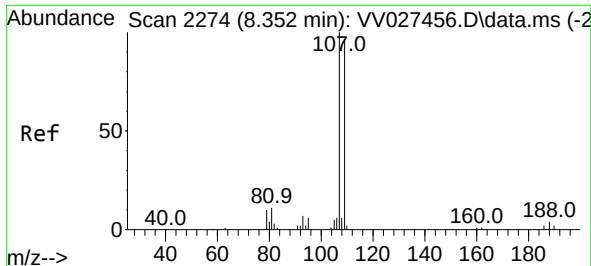
Tgt Ion: 43 Resp: 201810
Ion Ratio Lower Upper
43 100
58 56.1 41.3 61.9
57 18.7 14.9 22.3
100 12.1 9.8 14.6



#49
Dibromochloromethane
Concen: 5.460 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 129 Resp: 49994
Ion Ratio Lower Upper
129 100
127 78.7 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.329 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027478.D

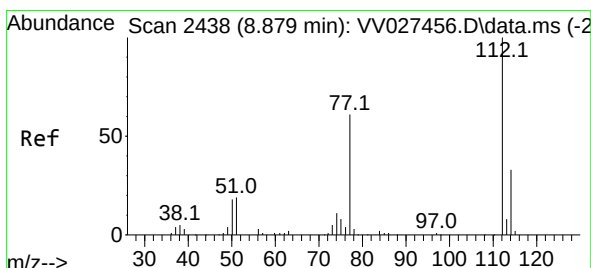
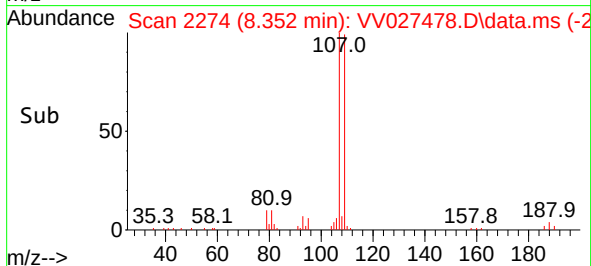
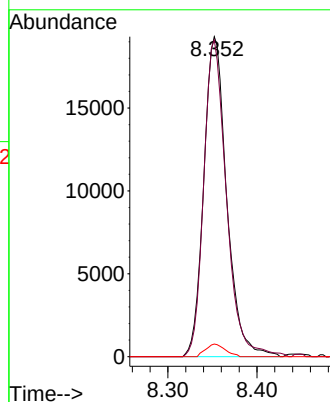
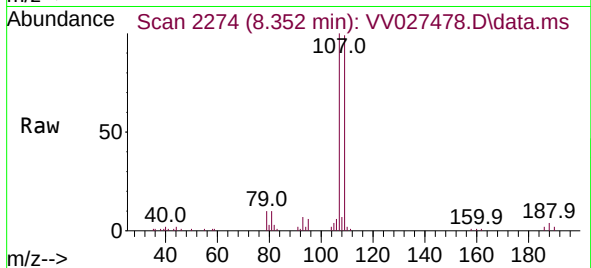
Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	34626
Ion Ratio	Lower	Upper
107	100	
109	99.0	67.8 125.8
188	4.0	3.5 5.3



#51

Chlorobenzene

Concen: 5.212 ug/L

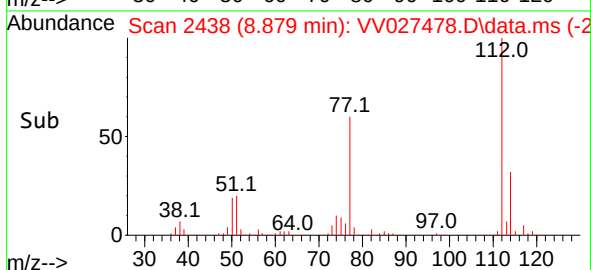
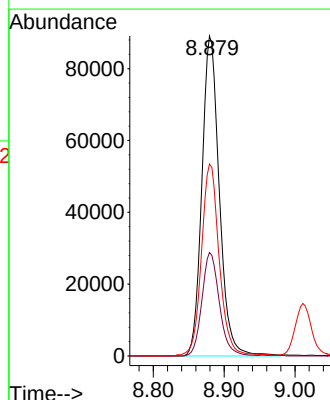
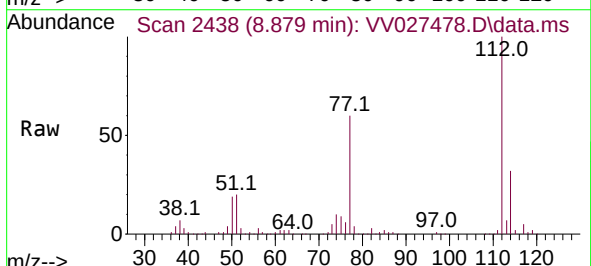
RT: 8.879 min Scan# 2438

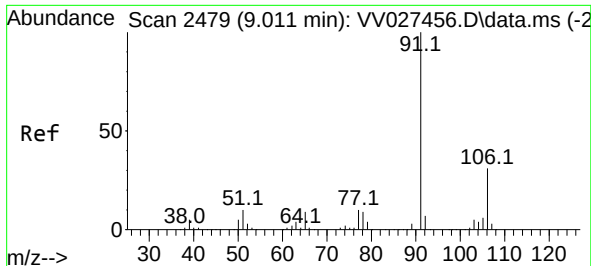
Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Tgt Ion:112	Resp:	152097
Ion Ratio	Lower	Upper
112	100	
114	32.4	22.7 42.1
77	60.0	46.2 69.4

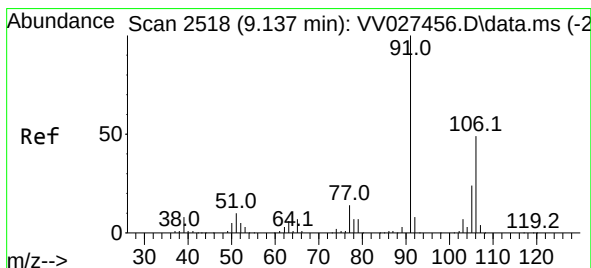
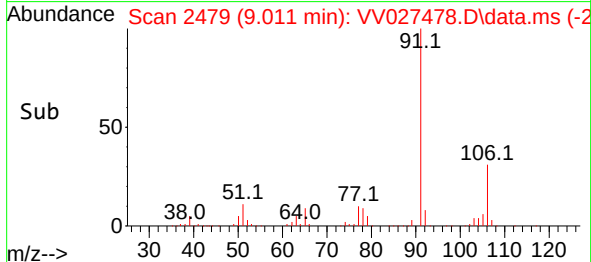
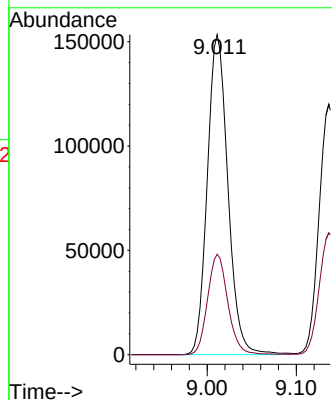
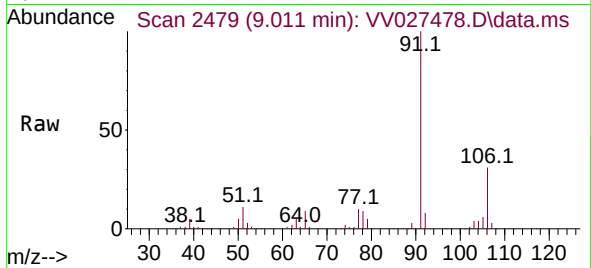




#52
Ethylbenzene
Concen: 5.349 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

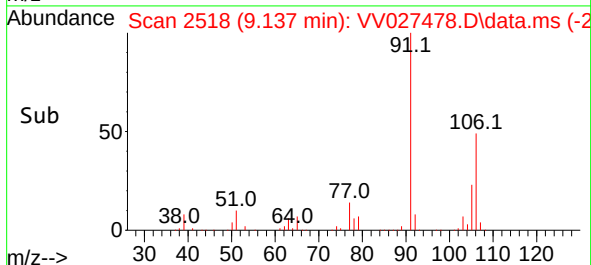
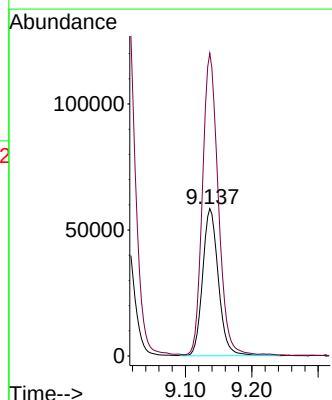
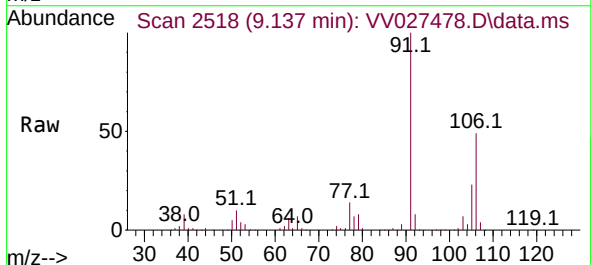
Instrument :
MSVOA_V
ClientSampleId :

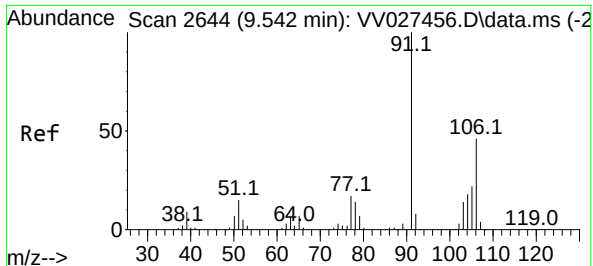
Tgt Ion: 91 Resp: 246178
Ion Ratio Lower Upper
91 100
106 31.4 21.4 39.8



#53
m,p-Xylene
Concen: 5.488 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 106 Resp: 96646
Ion Ratio Lower Upper
106 100
91 205.4 143.8 267.0

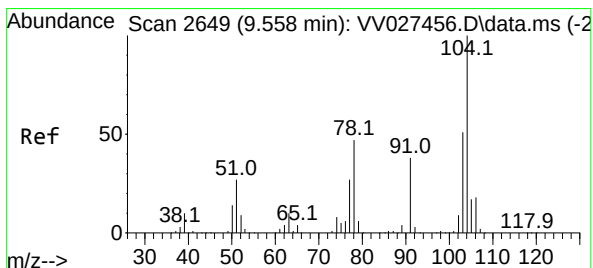
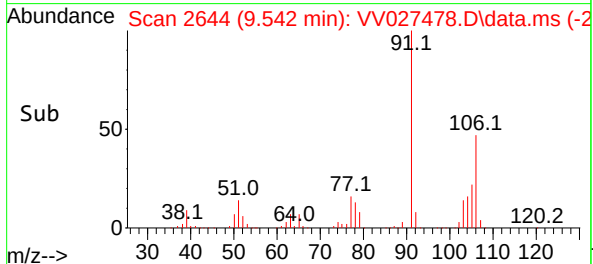
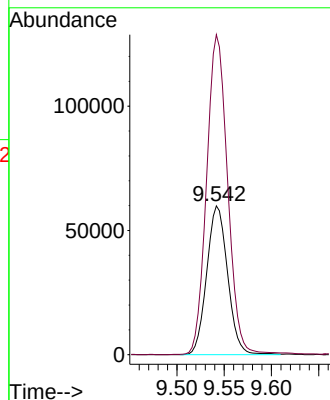
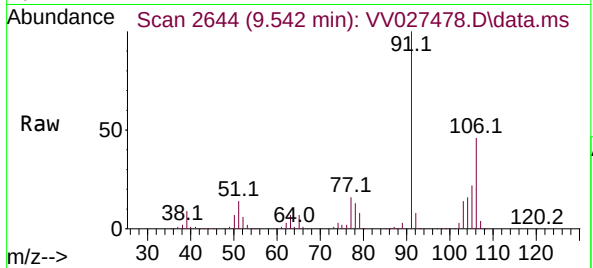




#54
o-Xylene
Concen: 5.396 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

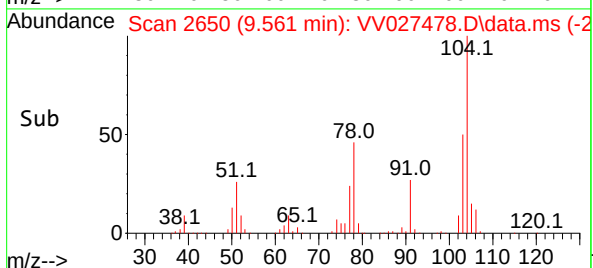
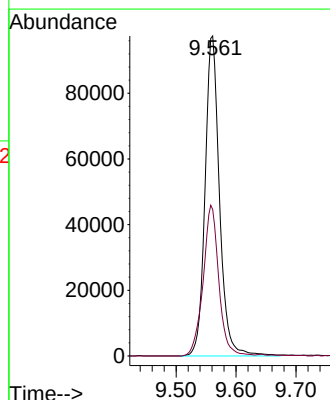
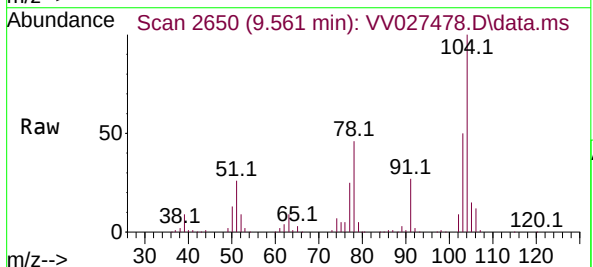
Instrument :
MSVOA_V
ClientSampleId :

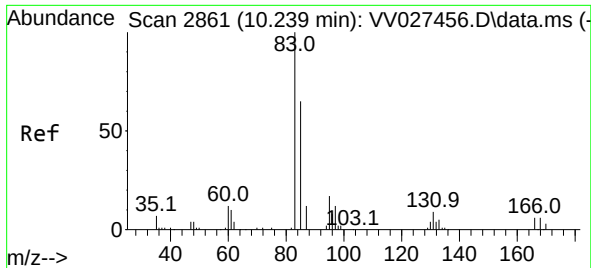
Tgt Ion:106 Resp: 92183
Ion Ratio Lower Upper
106 100
91 215.1 151.6 281.6



#55
Styrene
Concen: 5.644 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion:104 Resp: 164011
Ion Ratio Lower Upper
104 100
78 45.8 32.0 59.4

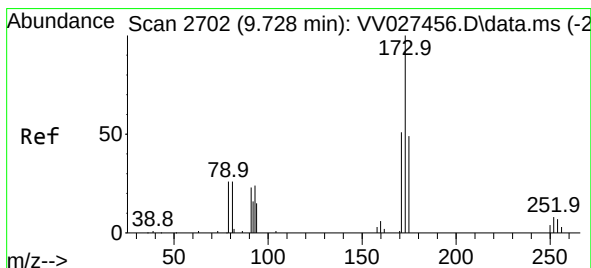
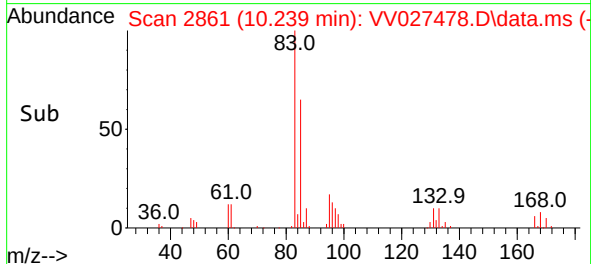
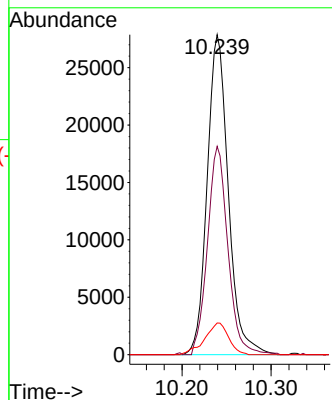
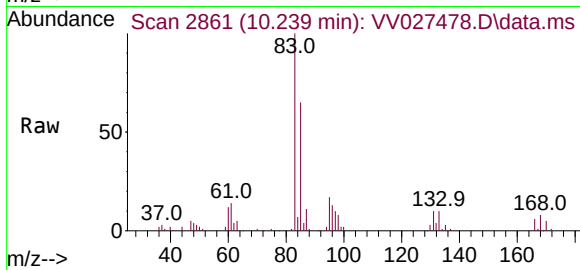




#57
1,1,2,2-Tetrachloroethane
Concen: 5.464 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

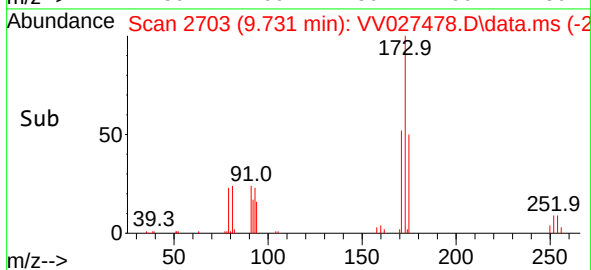
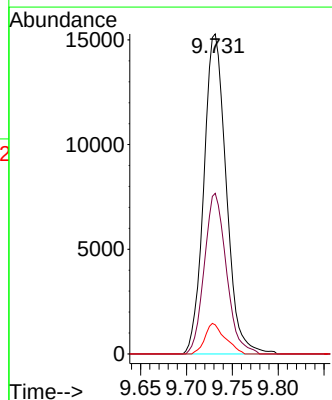
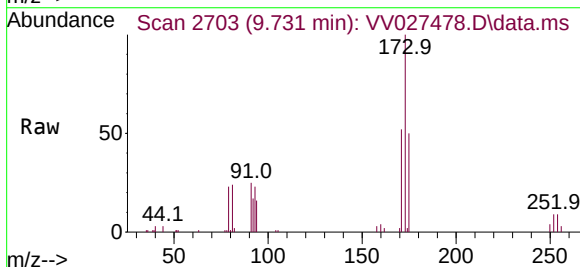
Instrument :
MSVOA_V
ClientSampleId :

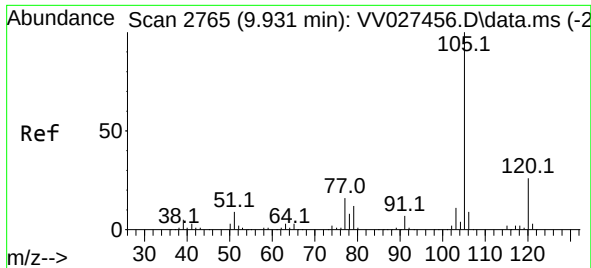
Tgt Ion: 83 Resp: 45818
Ion Ratio Lower Upper
83 100
85 65.1 44.1 81.9
131 9.9 7.3 10.9



#59
Bromoform
Concen: 5.366 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 173 Resp: 25969
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.6
254 8.6 7.1 10.7

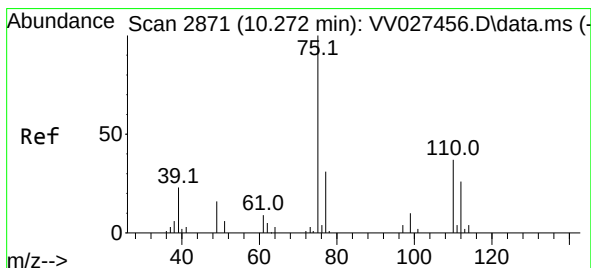
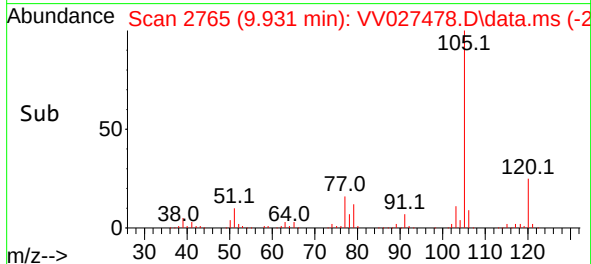
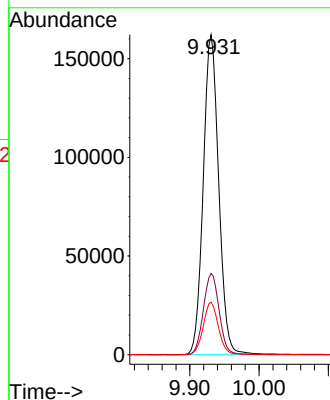
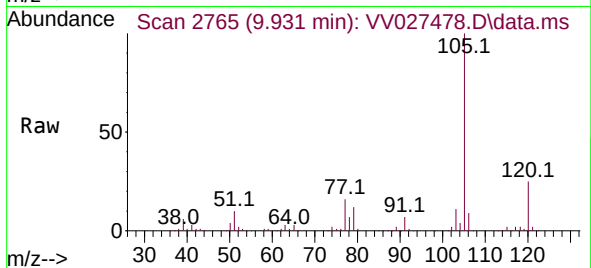




#60
Isopropylbenzene
Concen: 5.290 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

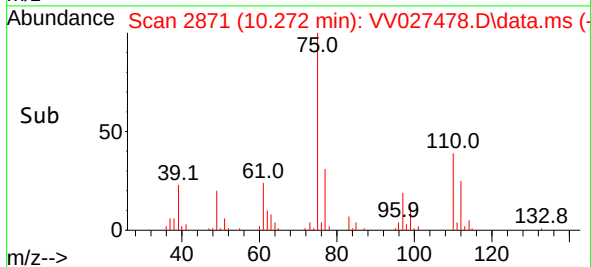
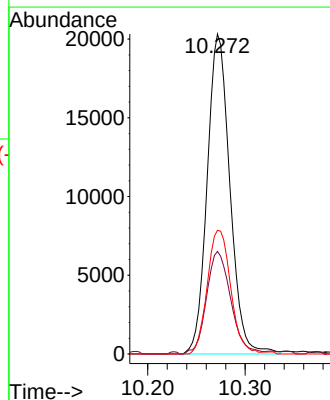
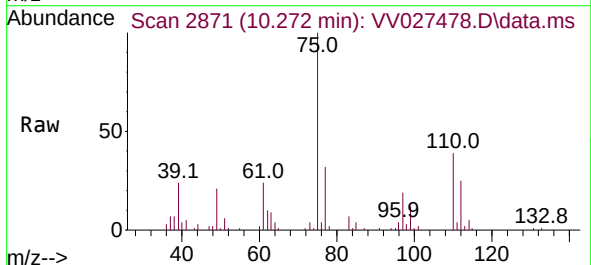
Instrument :
MSVOA_V
ClientSampleId :

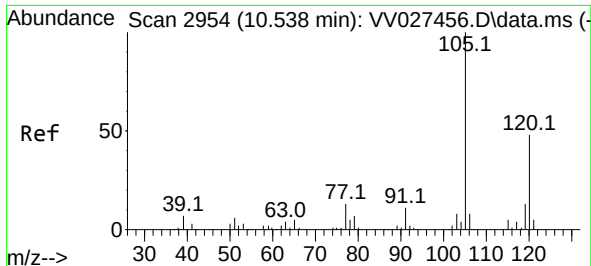
Tgt Ion:105 Resp: 251308
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.200 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion: 75 Resp: 32938
Ion Ratio Lower Upper
75 100
77 34.2 26.2 39.2
110 39.8 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 5.052 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

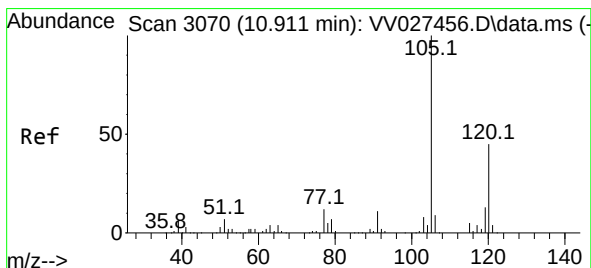
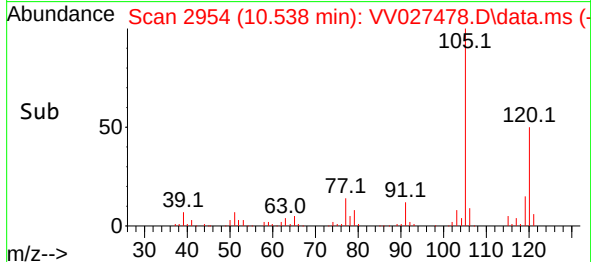
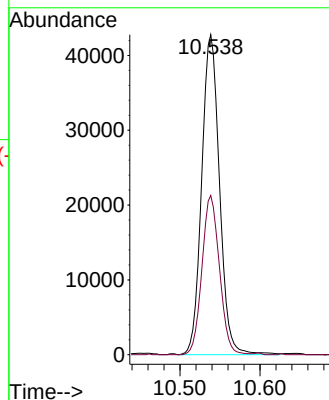
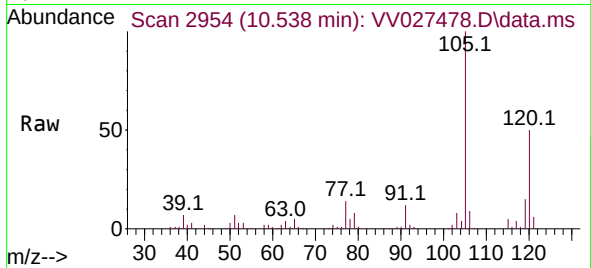
ClientSampleId :

Tgt Ion:105 Resp: 66555

Ion Ratio Lower Upper

105 100

120 48.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.201 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027478.D

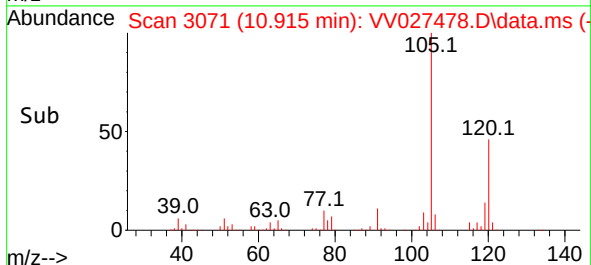
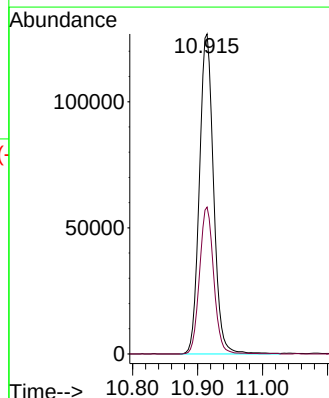
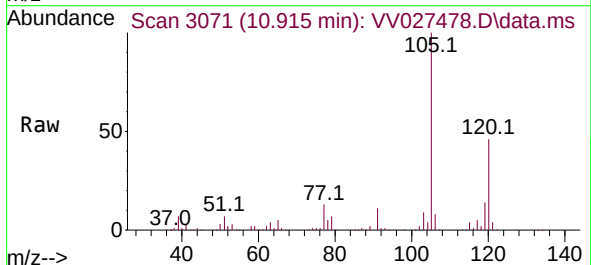
Acq: 22 Aug 2022 19:26

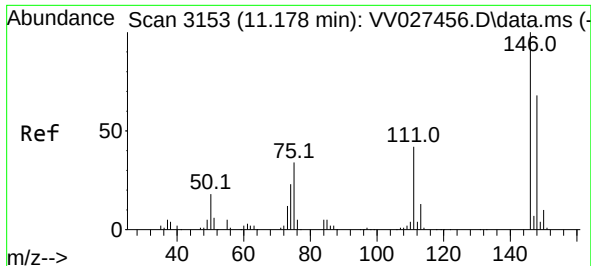
Tgt Ion:105 Resp: 193053

Ion Ratio Lower Upper

105 100

120 45.9 35.8 53.6

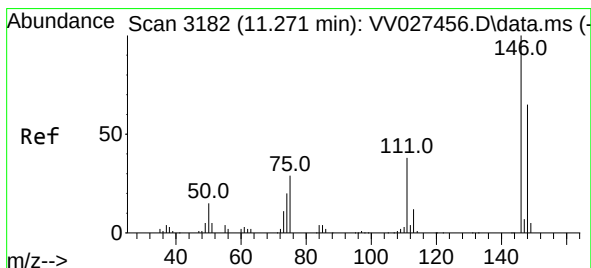
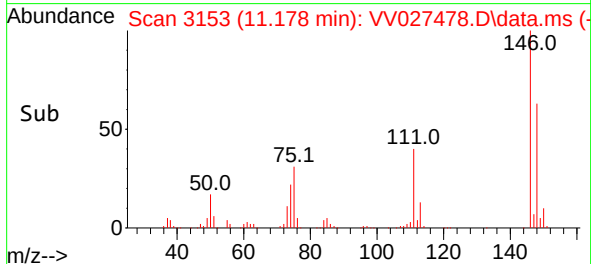
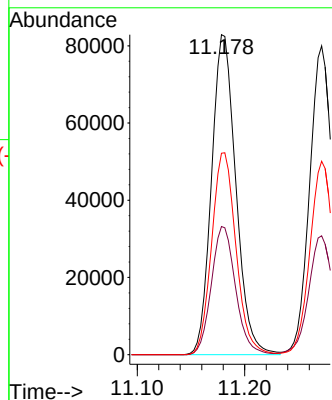
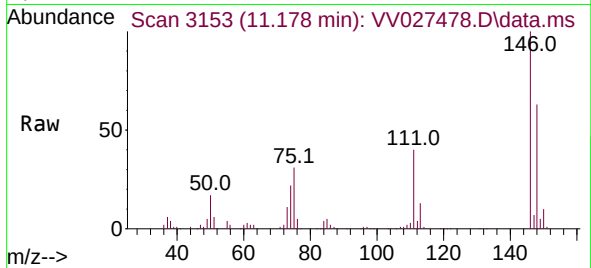




#64
1,3-Dichlorobenzene
Concen: 5.569 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

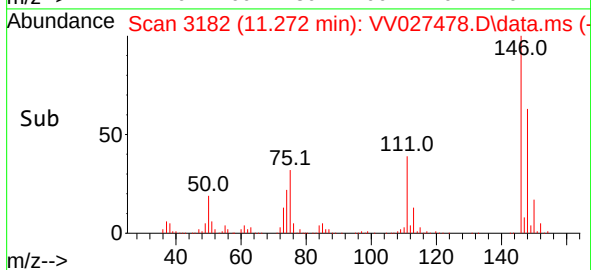
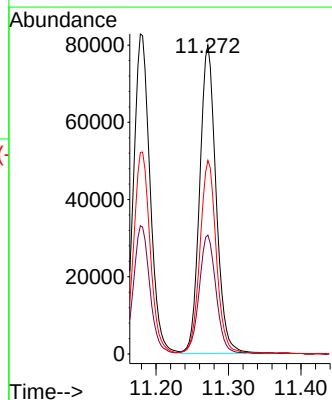
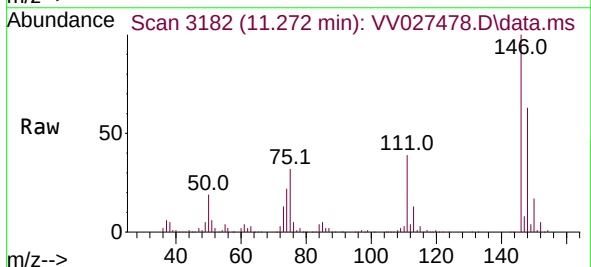
Instrument :
MSVOA_V
ClientSampleId :

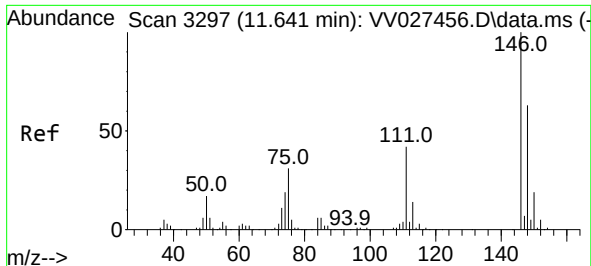
Tgt Ion:146 Resp: 130358
Ion Ratio Lower Upper
146 100
111 40.0 28.8 53.4
148 62.9 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.369 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion:146 Resp: 125294
Ion Ratio Lower Upper
146 100
111 38.5 26.6 49.4
148 62.6 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 5.544 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

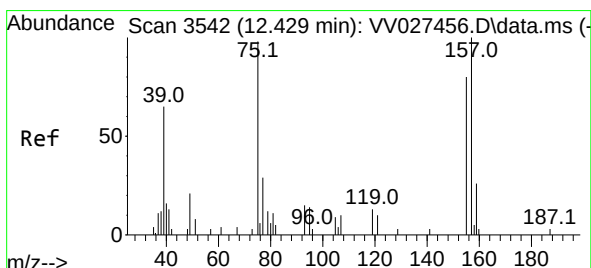
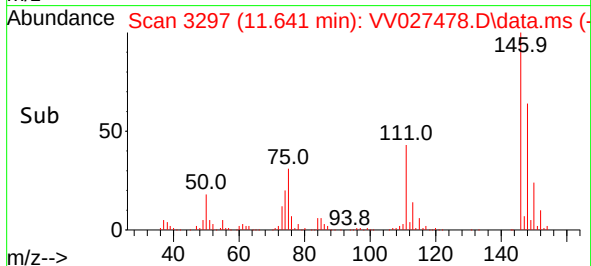
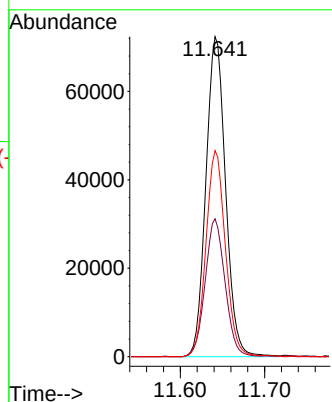
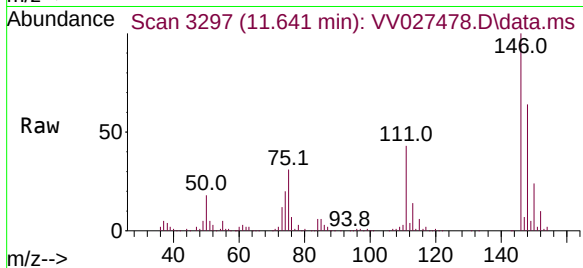
Tgt Ion:146 Resp: 117647

Ion Ratio Lower Upper

146 100

111 43.1 34.5 51.7

148 64.4 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.809 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

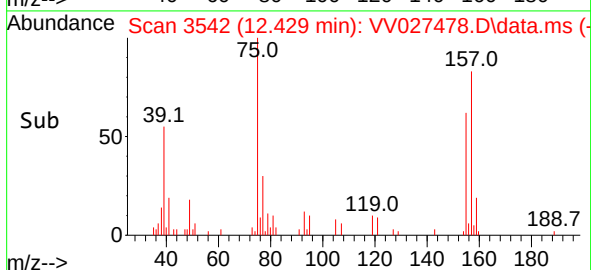
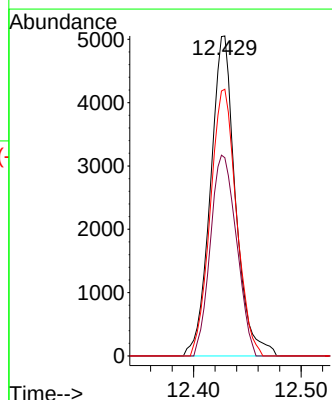
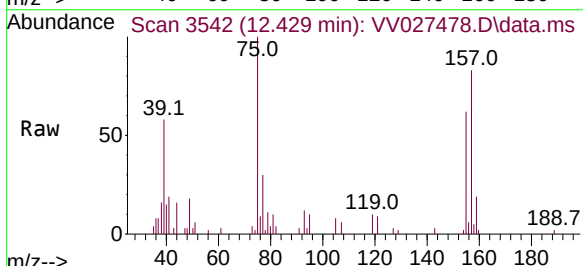
Tgt Ion: 75 Resp: 8175

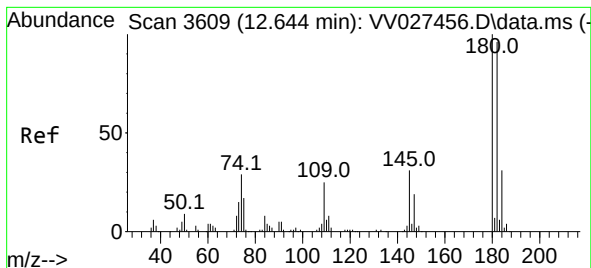
Ion Ratio Lower Upper

75 100

155 61.9 63.1 94.7#

157 83.4 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 5.145 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

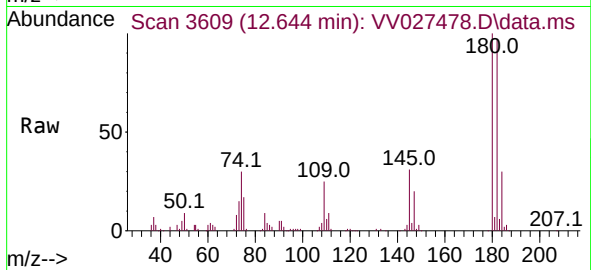
Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 89903

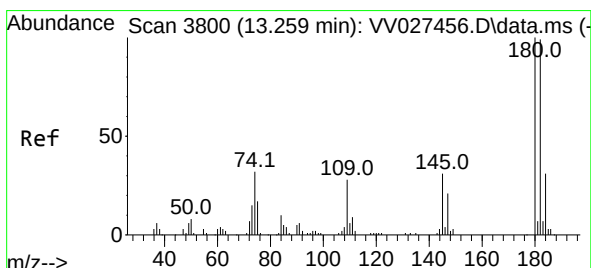
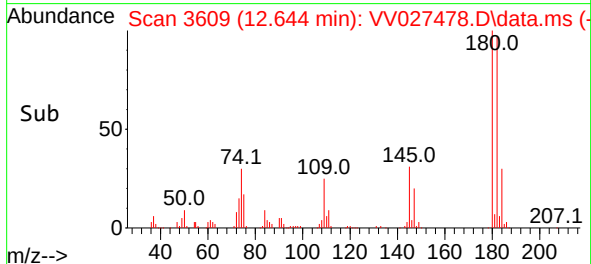
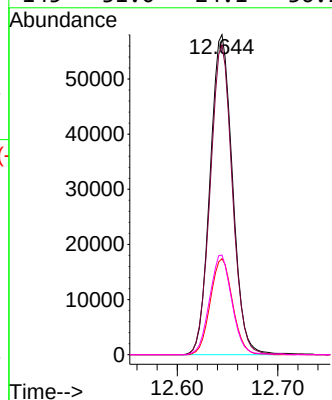
Ion Ratio Lower Upper

180 100

182 95.2 74.1 111.1

184 29.7 23.2 34.8

145 31.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.134 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027478.D

Acq: 22 Aug 2022 19:26

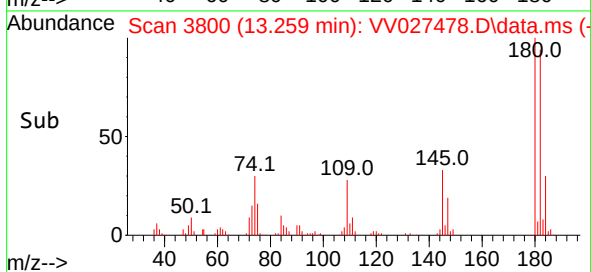
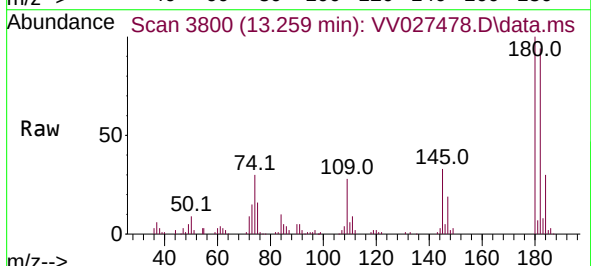
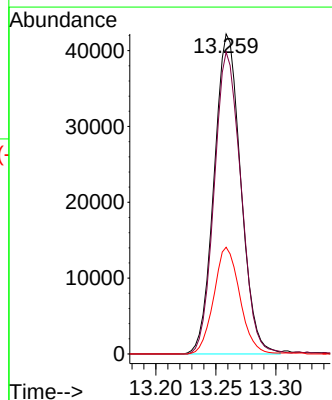
Tgt Ion:180 Resp: 65196

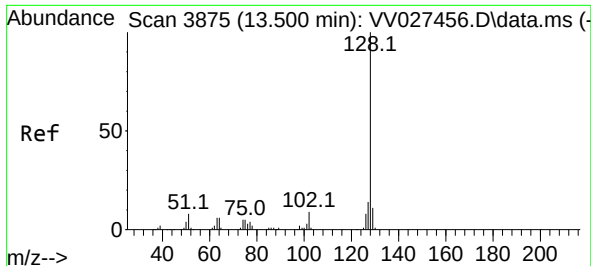
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 32.6 24.9 37.3

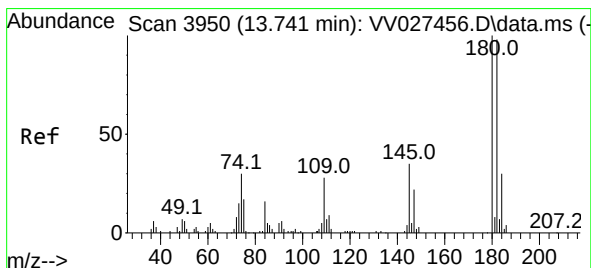
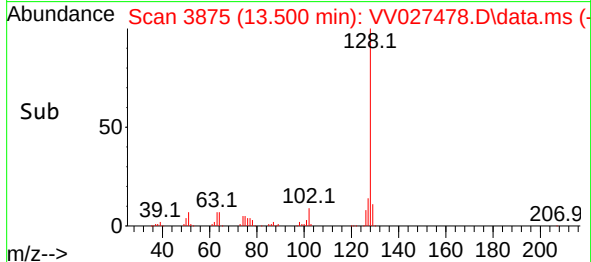
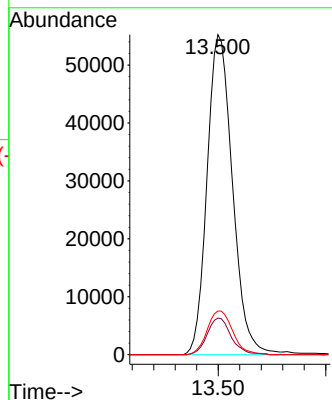
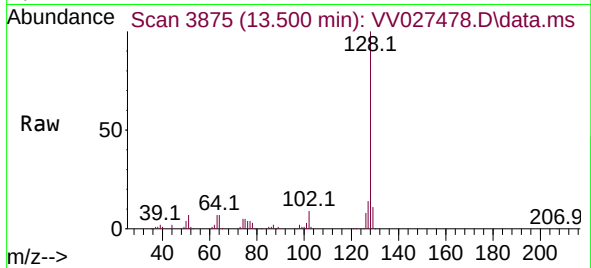




#71
Naphthalene
Concen: 5.168 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 90584
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.374 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027478.D
Acq: 22 Aug 2022 19:26

Tgt Ion:180 Resp: 60605
Ion Ratio Lower Upper
180 100
182 94.7 75.3 112.9
145 33.0 26.6 39.8

