

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022982.D
 Acq On : 22 Oct 2021 11:23
 Operator : SY/MD
 Sample : VSTD01044
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 00:42:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 00:39:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	125653	12.093	ug/L	0.00
7) Chloroethane-d5	1.561	69	83882	9.827	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.101	63	190224	10.069	ug/L	-0.02
20) 2-Butanone-d5	3.973	46	191396	76.781	ug/L	0.01
24) Chloroform-d	4.343	84	218376	10.846	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	94623	9.736	ug/L	0.00
32) Benzene-d6	5.040	84	430167	10.125	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	128279	10.207	ug/L	-0.02
41) Toluene-d8	7.313	98	417709	11.293	ug/L	-0.02
43) trans-1,3-Dichloroprop...	7.625	79	46627	11.067	ug/L	-0.01
46) 2-Hexanone-d5	8.104	63	199530	121.171	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	89763	10.637	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	143970	9.808	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	87515	8.792	ug/L	100
3) Chloromethane	1.233	50	91655	9.071	ug/L	95
5) Vinyl chloride	1.304	62	97120	9.263	ug/L	100
6) Bromomethane	1.516	94	53187	8.475	ug/L	99
8) Chloroethane	1.577	64	54730	8.730	ug/L	99
9) Trichlorofluoromethane	1.745	101	139628	9.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	80435	9.159	ug/L	99
12) 1,1-Dichloroethene	2.111	96	73600	8.937	ug/L	94
13) Acetone	2.272	43	75011	56.329	ug/L	79
14) Carbon disulfide	2.285	76	197552	8.592	ug/L	100
15) Methyl Acetate	2.458	43	50547	13.906	ug/L #	71
16) Methylene chloride	2.500	84	78374	7.156	ug/L	91
17) Methyl tert-butyl Ether	2.780	73	170829	8.938	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	79021	9.122	ug/L	96
19) 1,1-Dichloroethane	3.182	63	153421	9.815	ug/L	98
21) 2-Butanone	4.053	43	165434	73.071	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	94148	9.816	ug/L #	96
23) Bromochloromethane	4.240	128	37966	9.009	ug/L	96
25) Chloroform	4.371	83	184676	9.766	ug/L	98
27) 1,2-Dichloroethane	5.133	62	94937	9.978	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	158161	9.879	ug/L	99
30) Cyclohexane	4.658	56	137411	9.407	ug/L	99
31) Carbon tetrachloride	4.815	117	137542	9.934	ug/L	95
33) Benzene	5.092	78	382782	10.142	ug/L	100
34) Trichloroethene	5.908	95	95294	9.390	ug/L	99
35) Methylcyclohexane	6.121	83	146417	10.272	ug/L	96
37) 1,2-Dichloropropane	6.175	63	94675	10.435	ug/L	97
38) Bromodichloromethane	6.510	83	116280	10.357	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	122294	10.300	ug/L	96
40) 4-Methyl-2-pentanone	7.246	43	449119	94.151	ug/L	98
42) Toluene	7.387	91	416446	10.847	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	104311	10.692	ug/L	100

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

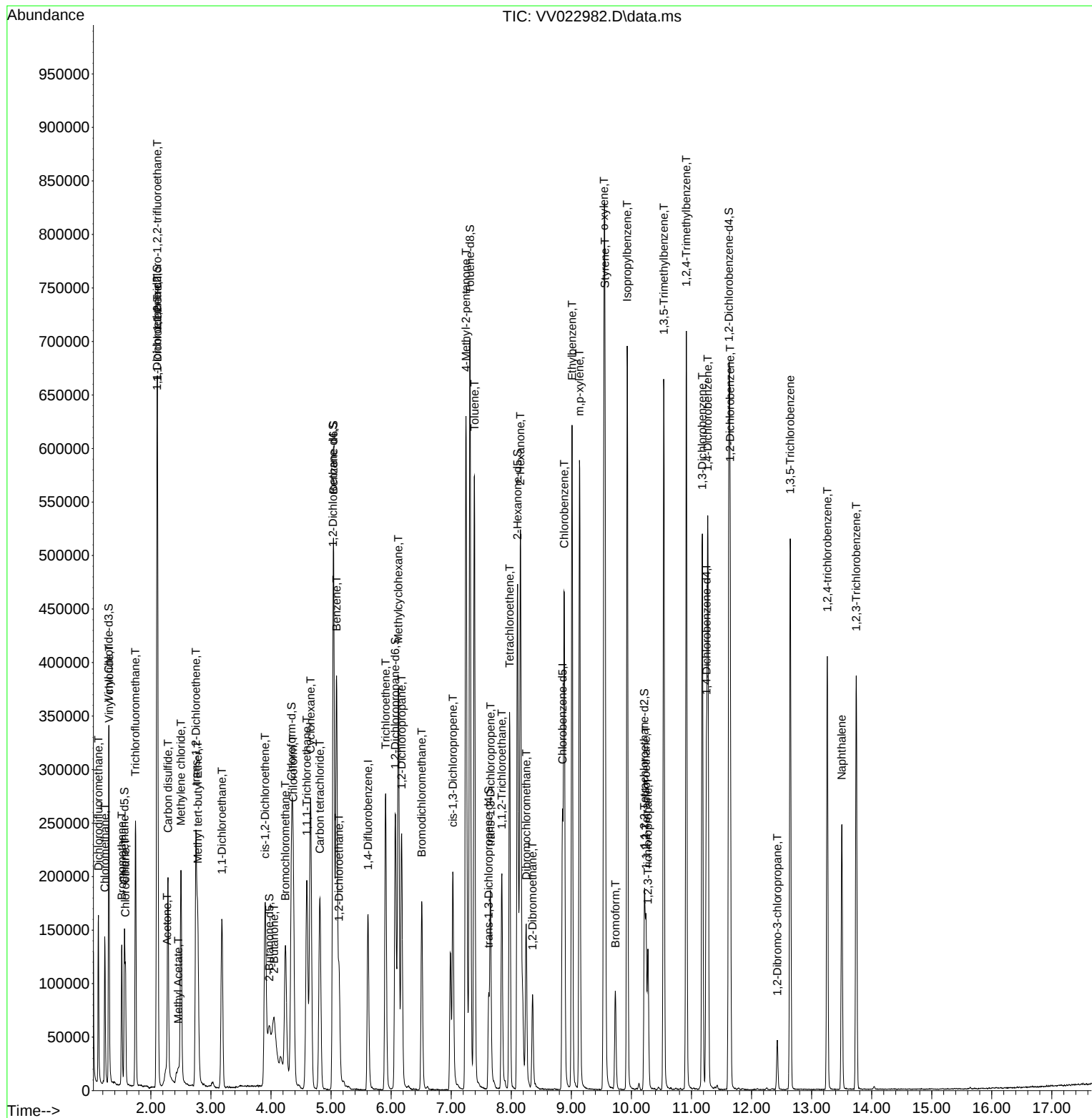
45) 1,1,2-Trichloroethane	7.844	97	63303	9.465	ug/L	98
47) Tetrachloroethene	7.973	164	81195	9.846	ug/L	97
48) 2-Hexanone	8.153	43	374449	107.353	ug/L	98
49) Dibromochloromethane	8.249	129	81271	10.360	ug/L	97
50) 1,2-Dibromoethane	8.355	107	60541	9.779	ug/L	98
51) Chlorobenzene	8.883	112	256427	10.238	ug/L	99
52) Ethylbenzene	9.011	91	415158	10.803	ug/L	99
53) m,p-xylene	9.137	106	167444	10.998	ug/L	98
54) o-xylene	9.545	106	158421	11.156	ug/L	96
55) Styrene	9.561	104	284797	11.620	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	75466	11.033	ug/L	100
59) Bromoform	9.735	173	43482	9.867	ug/L	98
60) Isopropylbenzene	9.931	105	424375	10.627	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	53170	9.796	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	341698	10.690	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	353279	11.028	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	210985	10.083	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	210059	9.910	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	196169	10.019	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	10943	10.776	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	158439	10.048	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	122279	10.248	ug/L	99
71) Naphthalene	13.503	128	194695	10.274	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	117232	10.436	ug/L	99

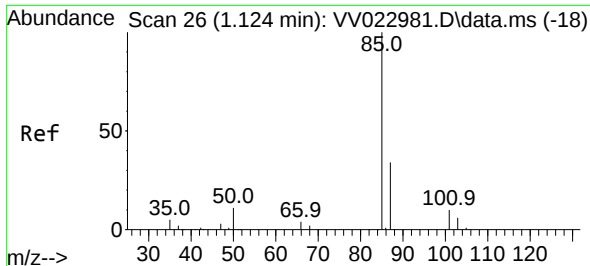
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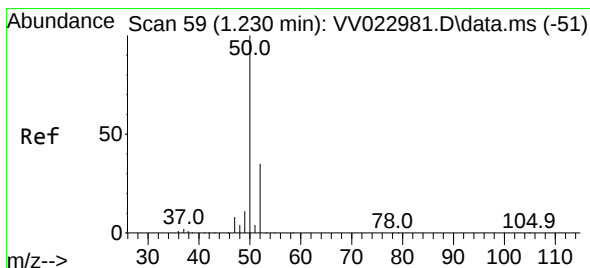
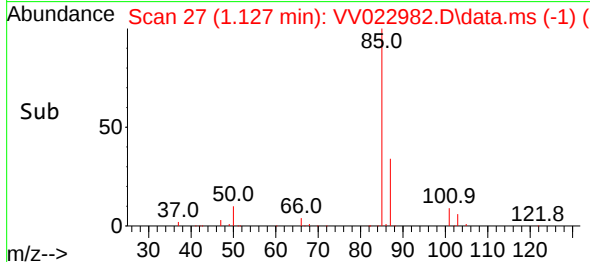
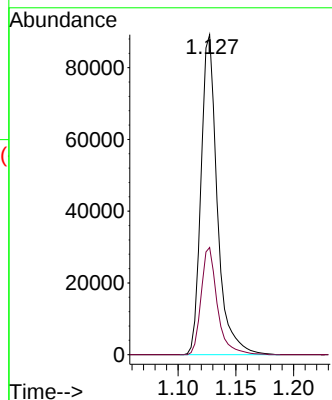
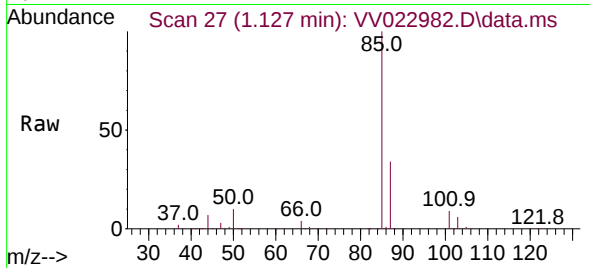




#2
 Dichlorodifluoromethane
 Concen: 8.792 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

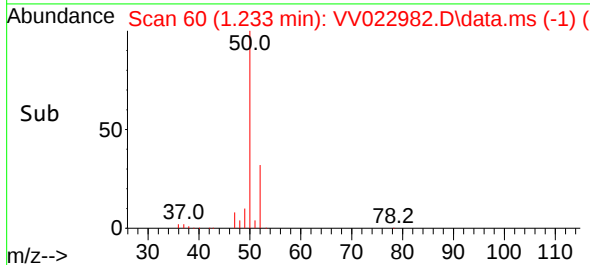
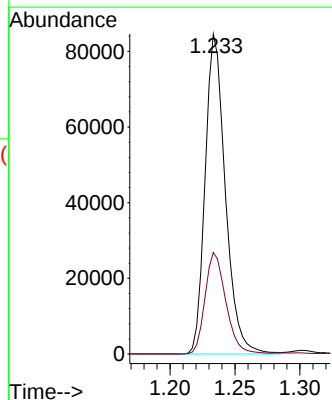
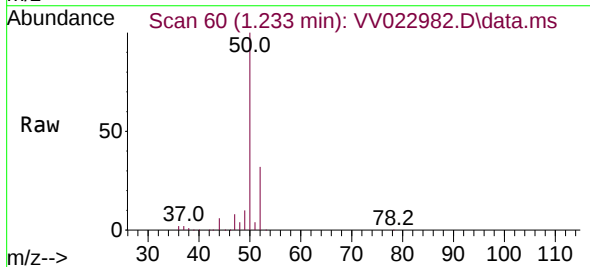
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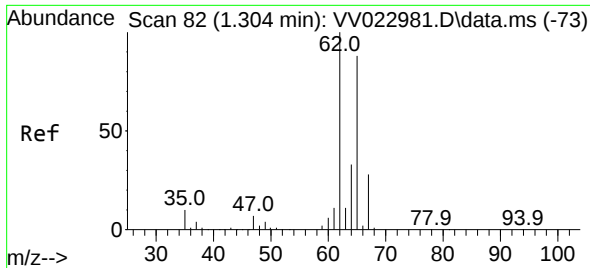
Tgt Ion: 85 Resp: 87515
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.6 39.8



#3
 Chloromethane
 Concen: 9.071 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

Tgt Ion: 50 Resp: 91655
 Ion Ratio Lower Upper
 50 100
 52 31.7 24.3 45.1

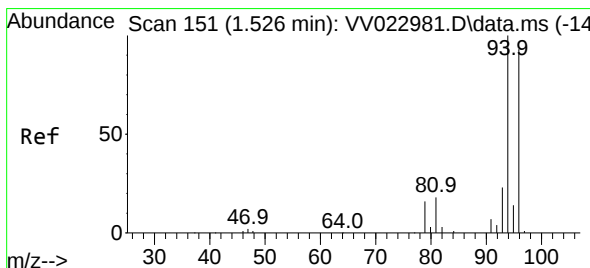
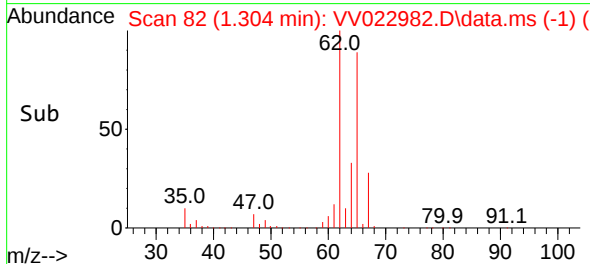
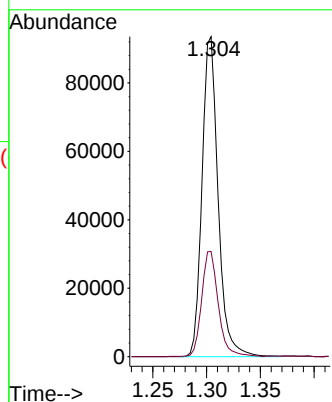
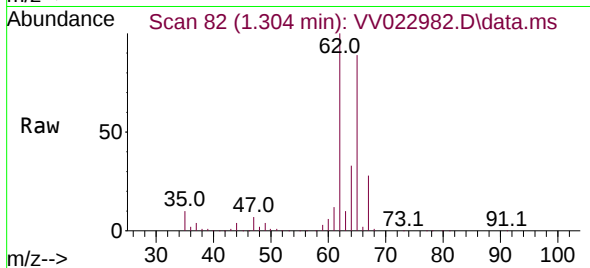




#5
 Vinyl chloride
 Concen: 9.263 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

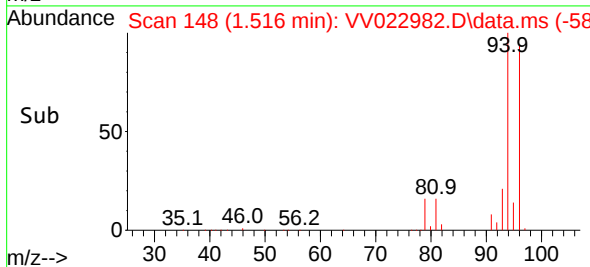
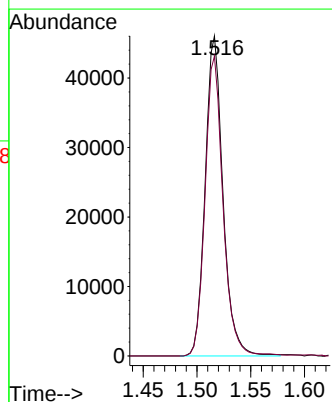
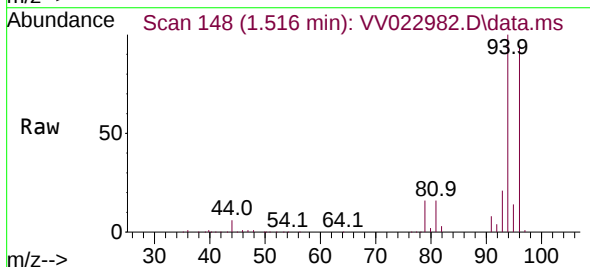
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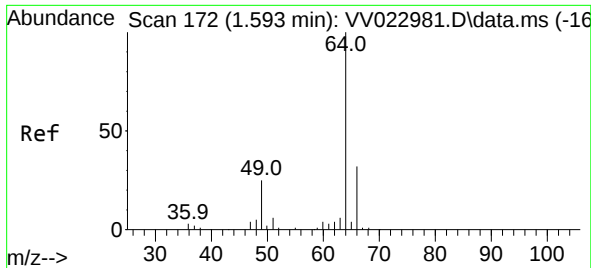
Tgt Ion: 62 Resp: 97120
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 8.475 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.010 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

Tgt Ion: 94 Resp: 53187
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.0 120.8

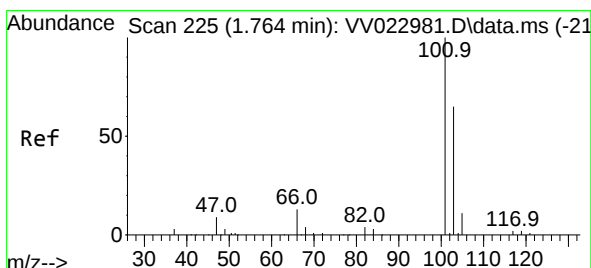
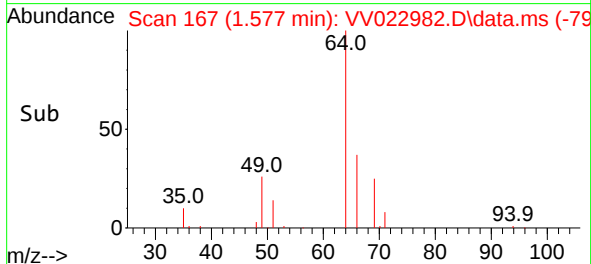
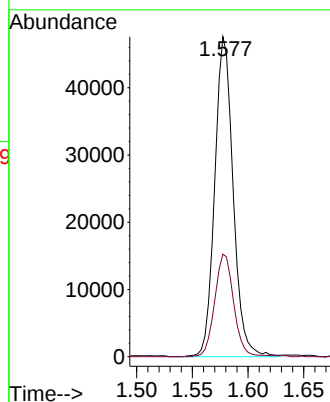
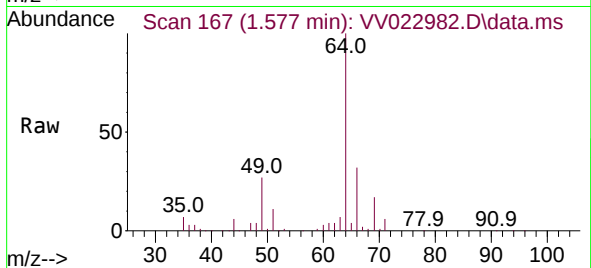




#8
Chloroethane
Concen: 8.730 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.016 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

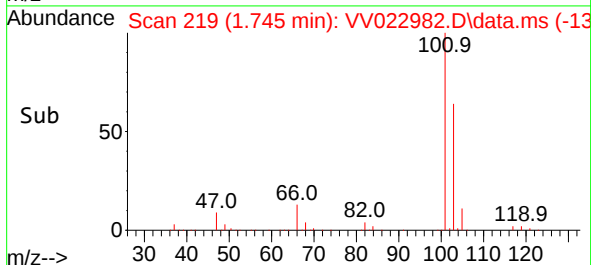
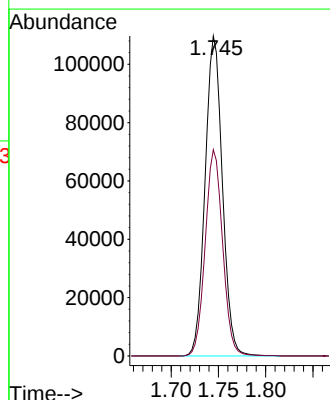
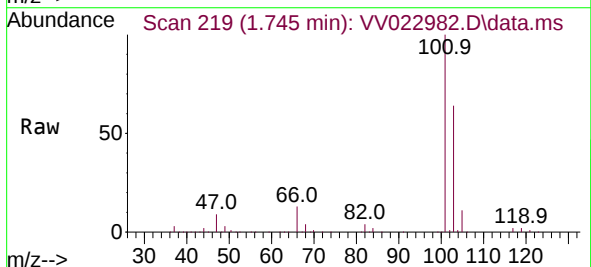
Instrument :
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ClientSampleId :

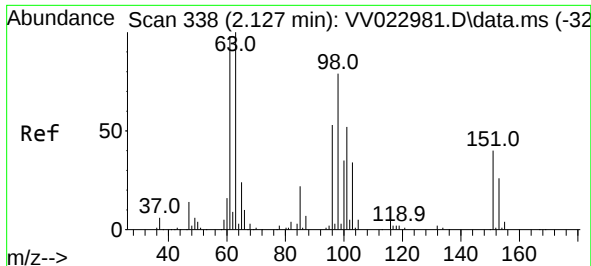
Tgt Ion: 64 Resp: 54730
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 9.335 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.019 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion:101 Resp: 139628
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

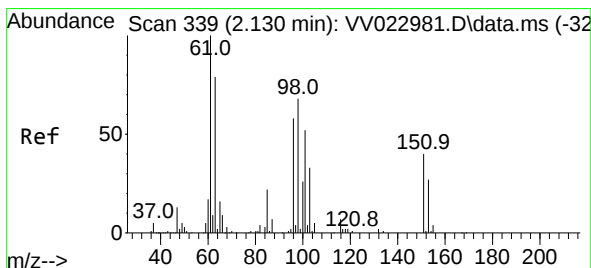
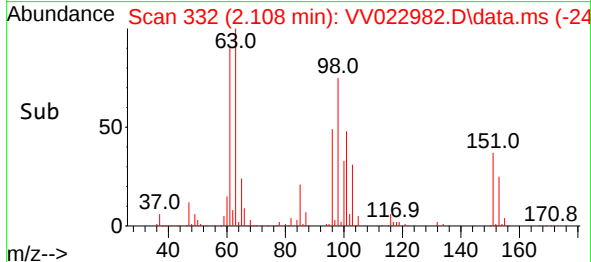
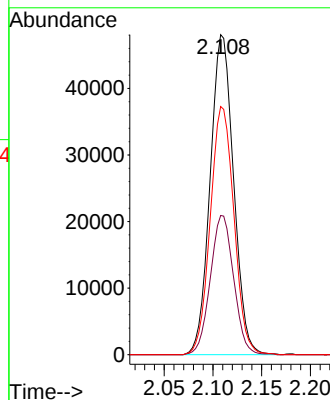
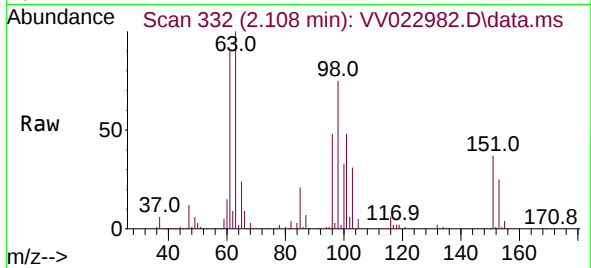




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.159 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.019 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

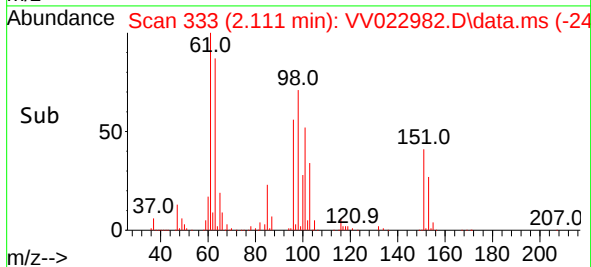
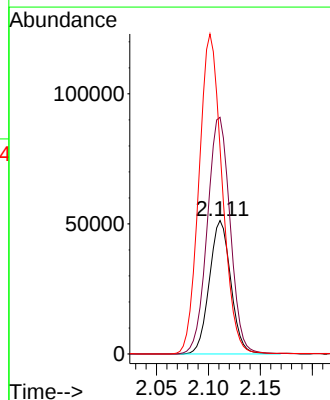
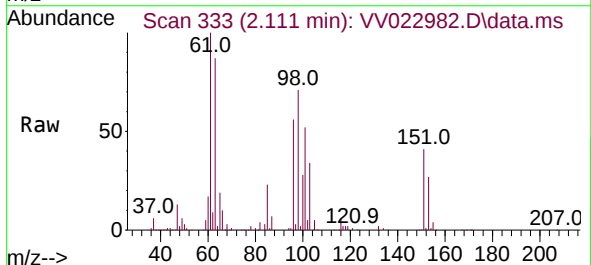
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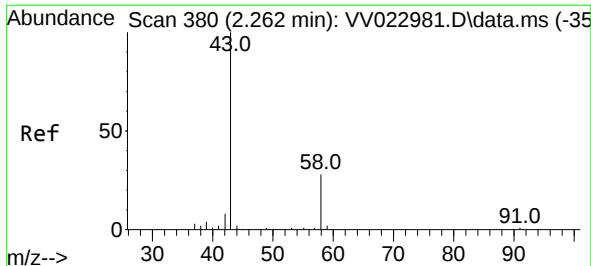
Tgt Ion:101 Resp: 80435
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.3 52.9
 151 78.4 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 8.937 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.019 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

Tgt Ion: 96 Resp: 73600
 Ion Ratio Lower Upper
 96 100
 61 177.5 121.5 225.7
 63 154.3 99.6 185.0

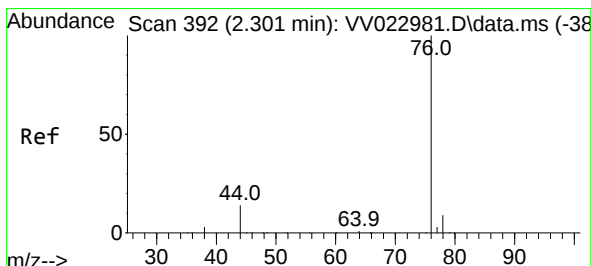
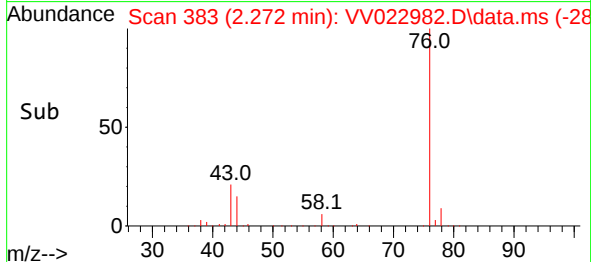
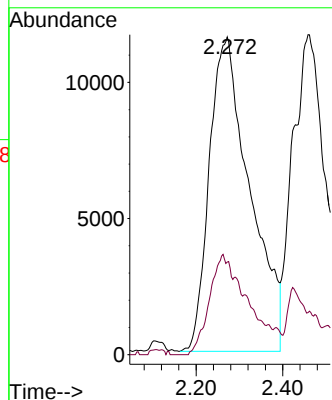
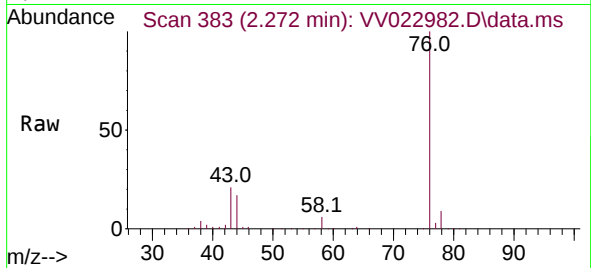




#13
Acetone
Concen: 56.329 ug/L
RT: 2.272 min Scan# 380
Delta R.T. 0.010 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

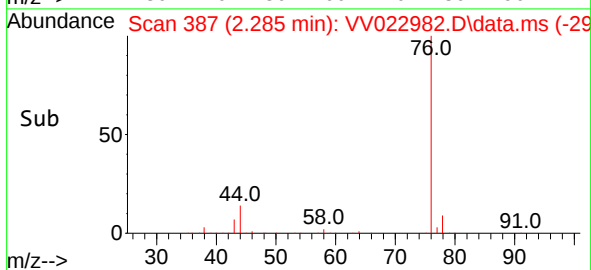
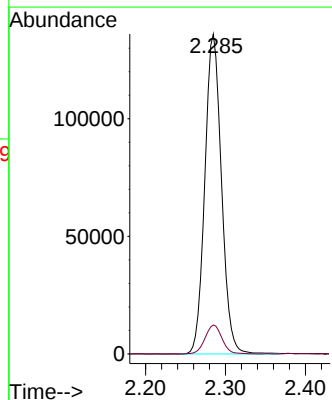
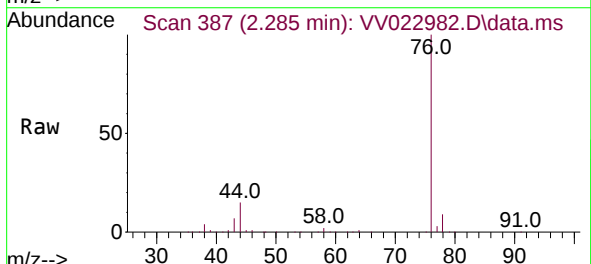
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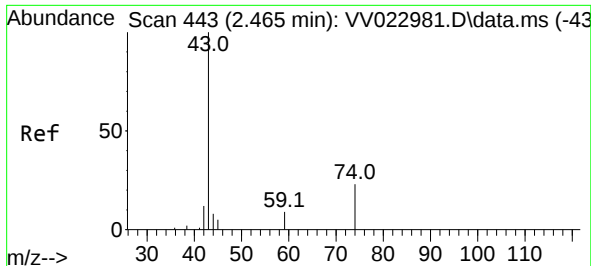
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Ion Ratio Lower Upper
43 100
58 16.8 0.0 55.4



#14
Carbon disulfide
Concen: 8.592 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.016 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion: 76 Resp: 197552
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

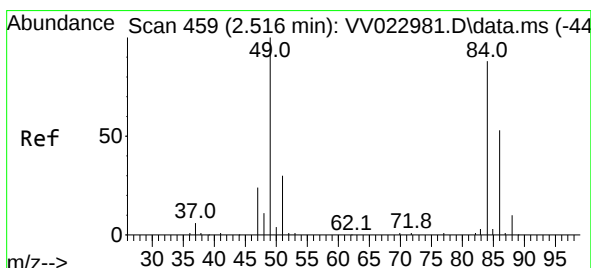
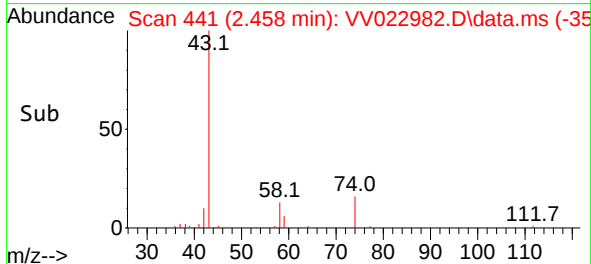
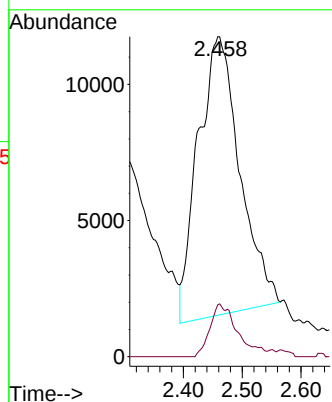
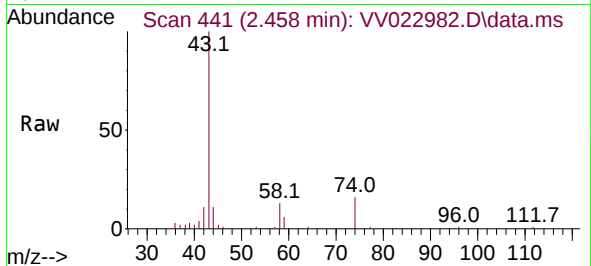




#15
Methyl Acetate
Concen: 13.906 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.006 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

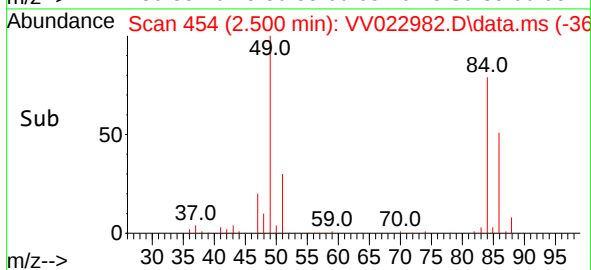
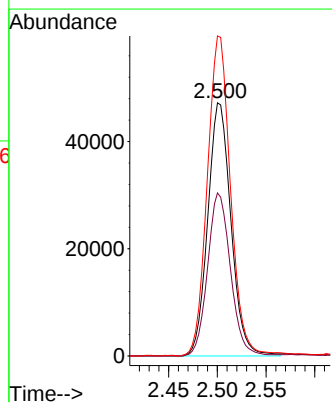
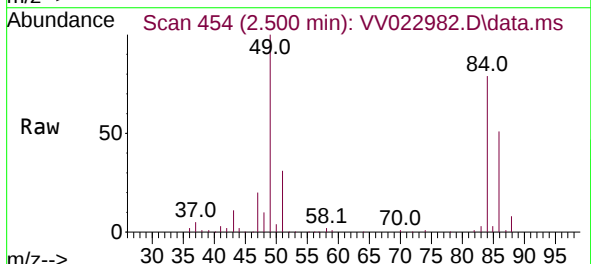
Instrument :
MSVOA_V
ClientSampleId :

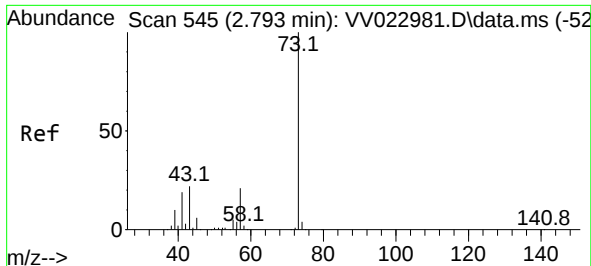
Tgt Ion: 43 Resp: 50547
Ion Ratio Lower Upper
43 100
74 12.5 22.2 33.2#



#16
Methylene chloride
Concen: 7.156 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.016 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

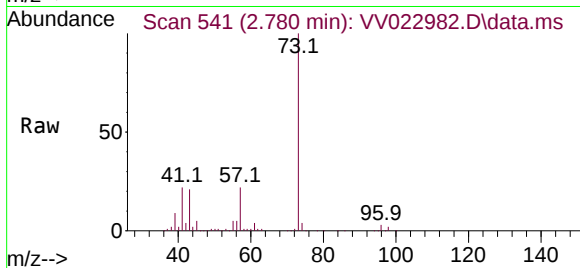
Tgt Ion: 84 Resp: 78374
Ion Ratio Lower Upper
84 100
86 64.4 42.3 78.5
49 126.4 79.7 148.1



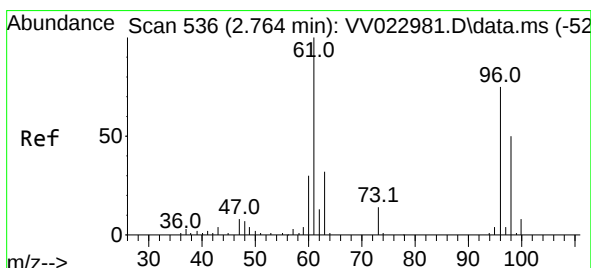
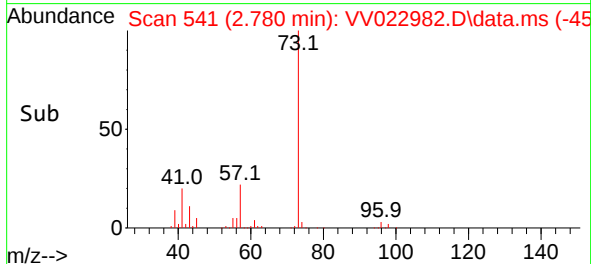
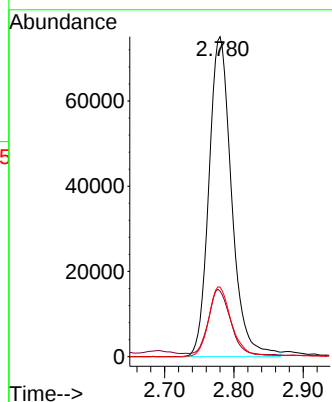


#17
Methyl tert-butyl Ether
Concen: 8.938 ug/L
RT: 2.780 min Scan# 54
Delta R.T. -0.013 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Instrument :
MSVOA_V
ClientSampleId :

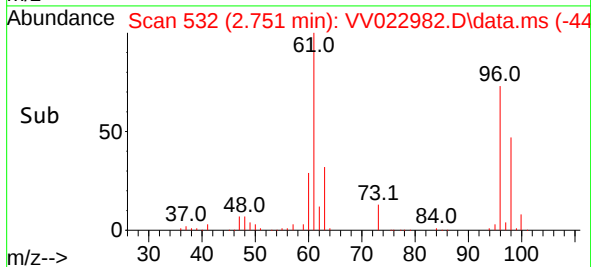
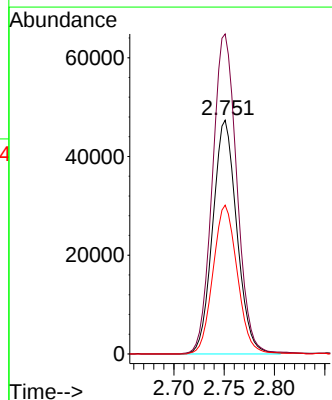
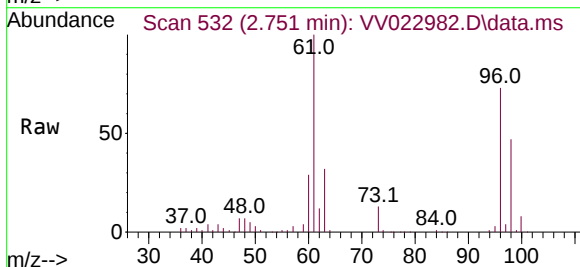


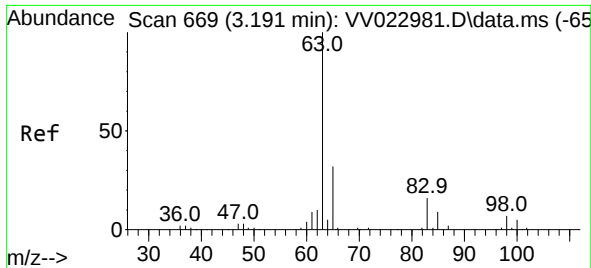
Tgt Ion: 73 Resp: 170829
Ion Ratio Lower Upper
73 100
43 19.4 17.4 26.0
57 21.8 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 9.122 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.013 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

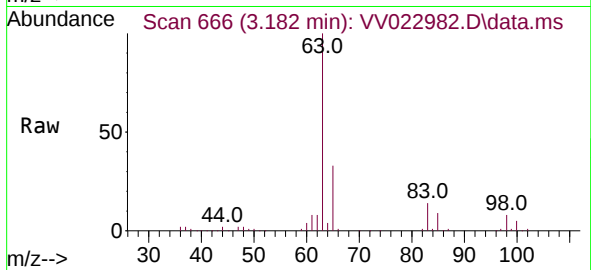
Tgt Ion: 96 Resp: 79021
Ion Ratio Lower Upper
96 100
61 136.9 93.2 173.2
98 63.7 47.0 87.2



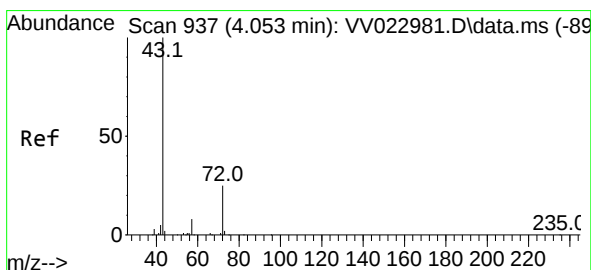
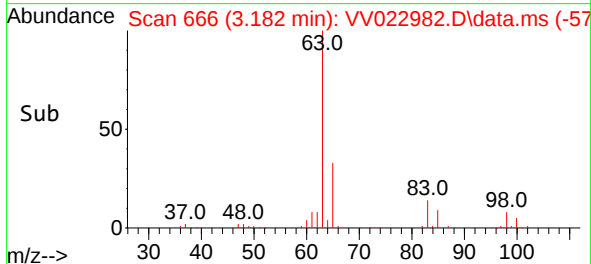
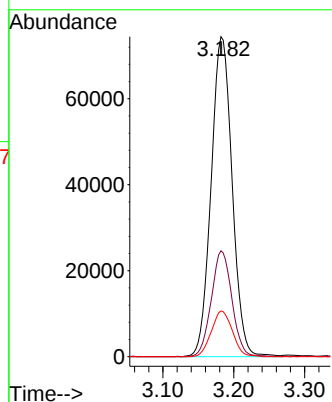


#19
1,1-Dichloroethane
Concen: 9.815 ug/L
RT: 3.182 min Scan# 610
Delta R.T. -0.010 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Instrument :
MSVOA_V
ClientSampleId :

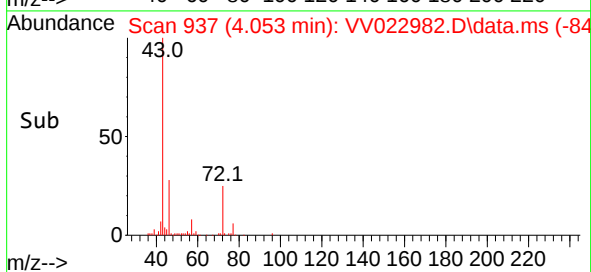
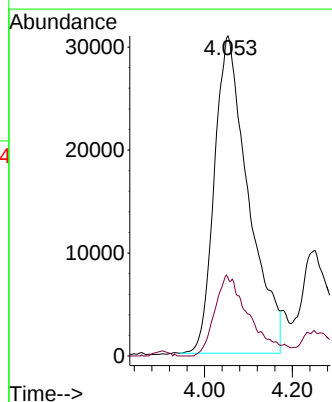
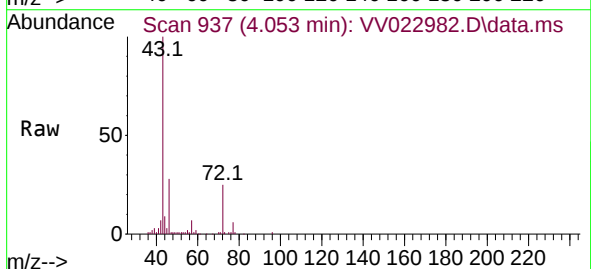


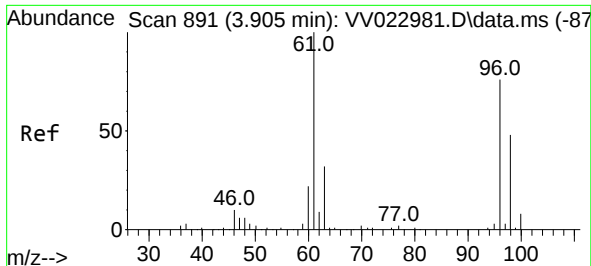
Tgt Ion: 63 Resp: 153421
Ion Ratio Lower Upper
63 100
65 33.1 22.6 42.0
83 14.3 11.1 20.7



#21
2-Butanone
Concen: 73.071 ug/L
RT: 4.053 min Scan# 937
Delta R.T. 0.000 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

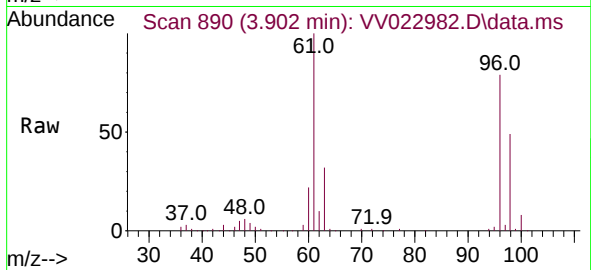
Tgt Ion: 43 Resp: 165434
Ion Ratio Lower Upper
43 100
72 25.3 11.9 35.9



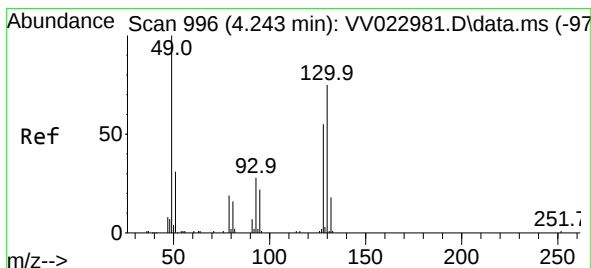
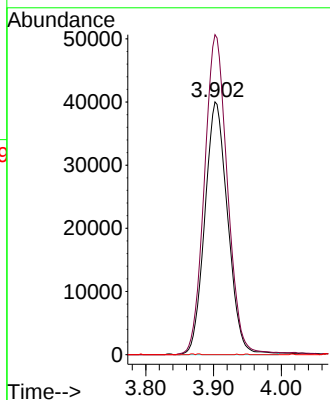
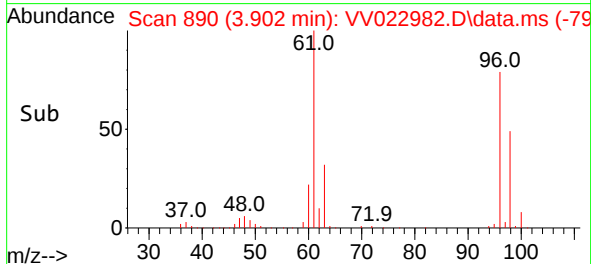


#22
 cis-1,2-Dichloroethene
 Concen: 9.816 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

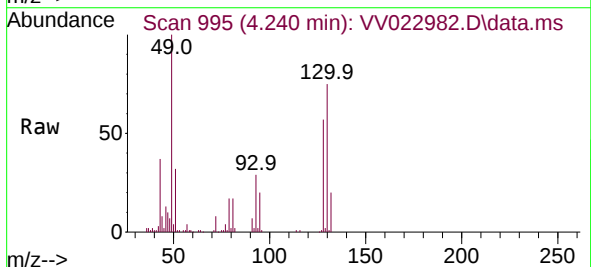
Instrument :
 MSVOA_V
 ClientSampleId :



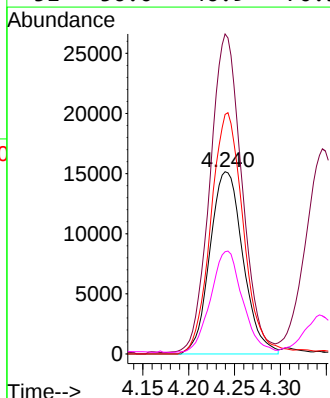
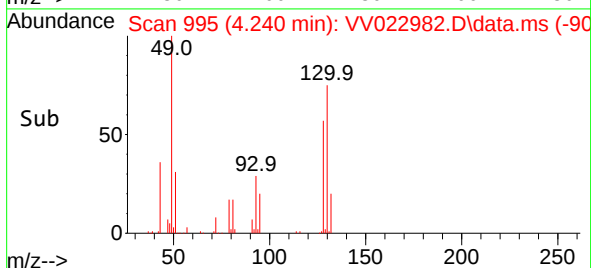
Tgt Ion: 96 Resp: 94148
 Ion Ratio Lower Upper
 96 100
 61 126.6 92.3 171.3
 68 0.0 0.4 0.8#

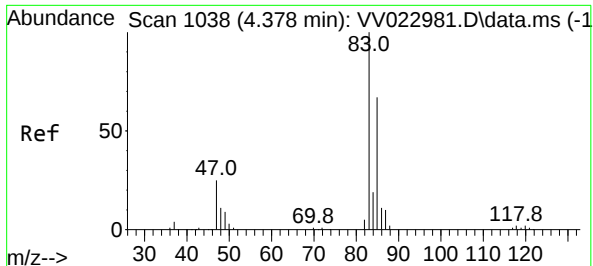


#23
 Bromochloromethane
 Concen: 9.009 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23



Tgt Ion: 128 Resp: 37966
 Ion Ratio Lower Upper
 128 100
 49 175.5 126.1 234.3
 130 131.4 95.2 176.8
 51 56.0 46.9 70.3





#25

Chloroform

Concen: 9.766 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

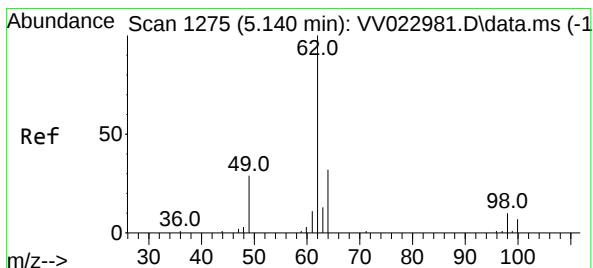
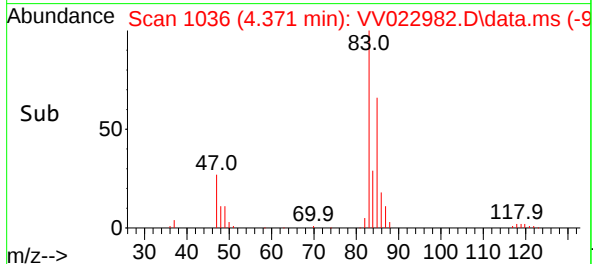
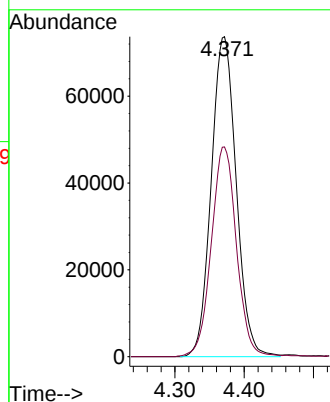
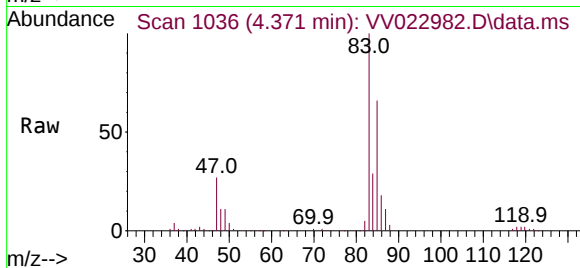
ClientSampleId :

Tgt Ion: 83 Resp: 184676

Ion Ratio Lower Upper

83 100

85 65.6 46.8 86.8



#27

1,2-Dichloroethane

Concen: 9.978 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VV022982.D

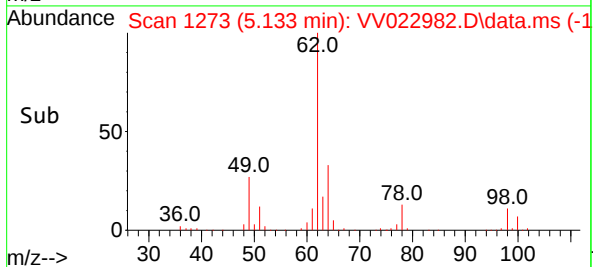
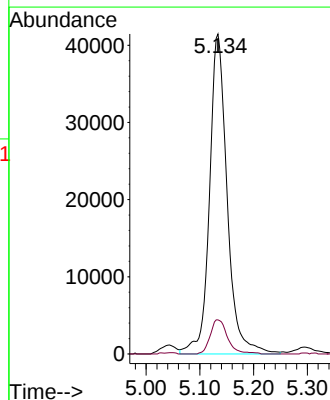
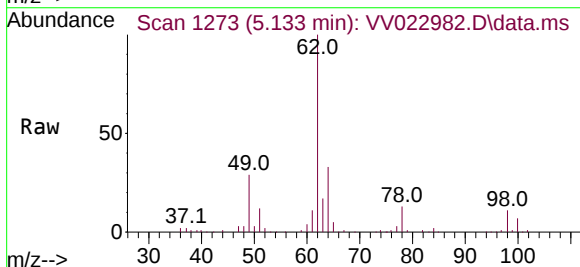
Acq: 22 Oct 2021 11:23

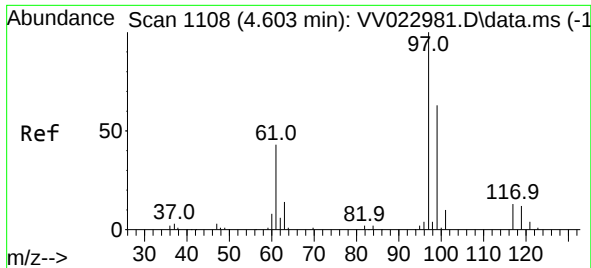
Tgt Ion: 62 Resp: 94937

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 9.879 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

ClientSampleId :

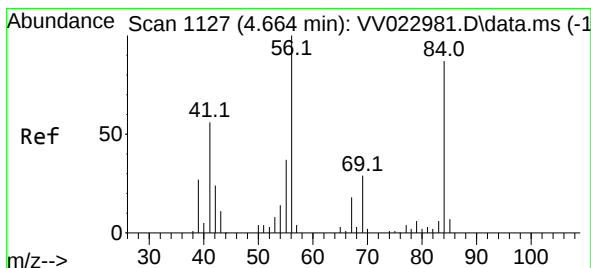
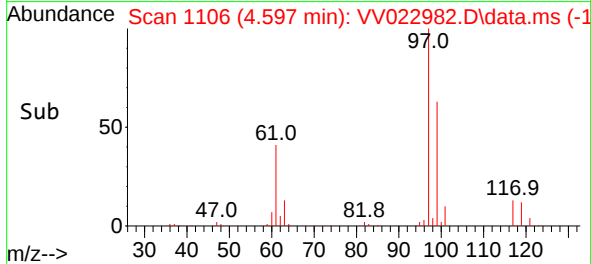
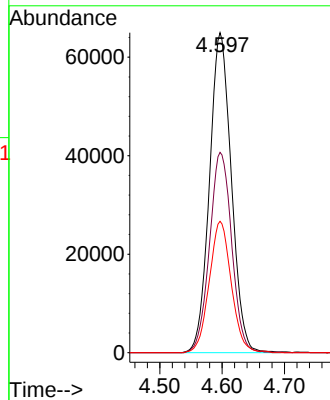
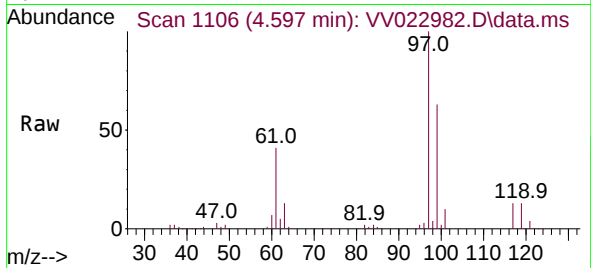
Tgt Ion: 97 Resp: 158161

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 41.3 34.1 51.1



#30

Cyclohexane

Concen: 9.407 ug/L

RT: 4.658 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

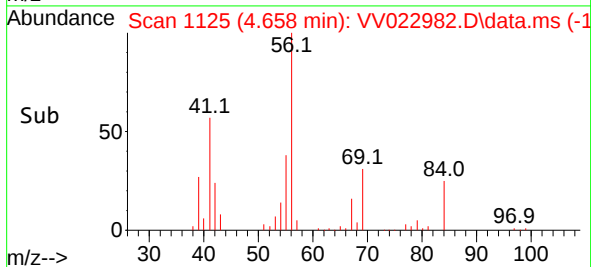
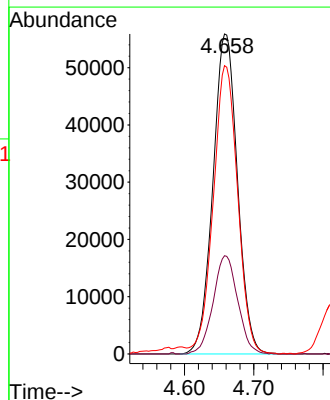
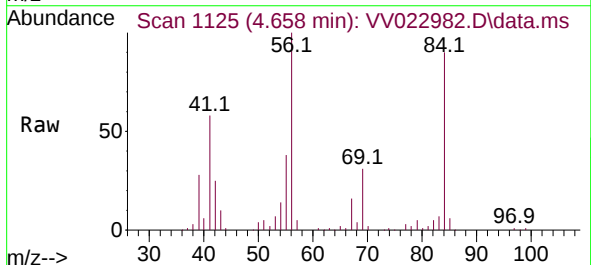
Tgt Ion: 56 Resp: 137411

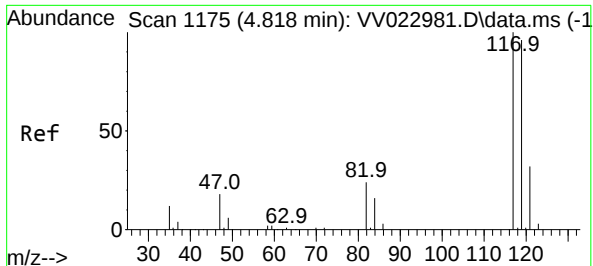
Ion Ratio Lower Upper

56 100

69 30.8 23.5 35.3

84 89.9 71.6 107.4

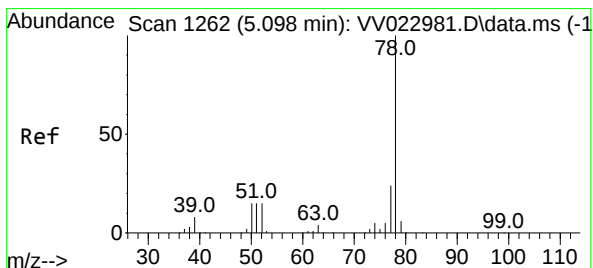
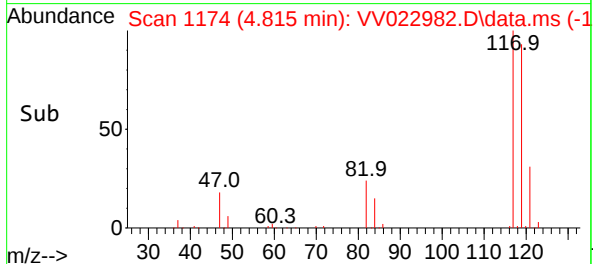
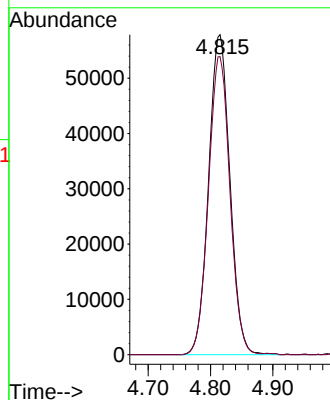
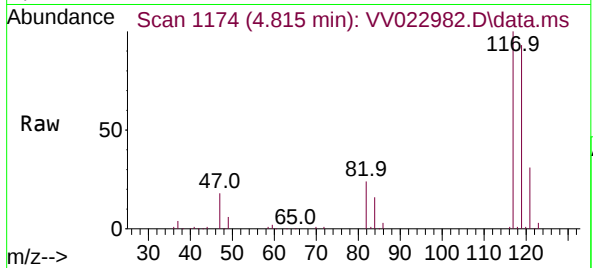




#31
Carbon tetrachloride
Concen: 9.934 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

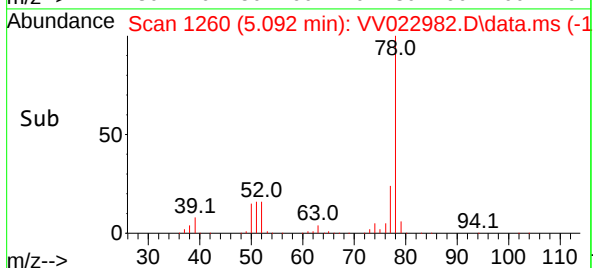
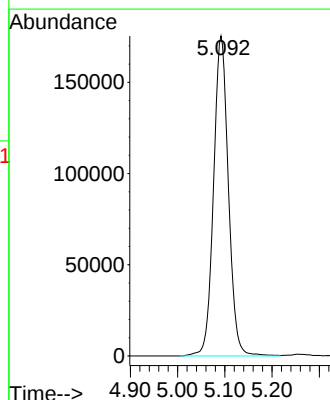
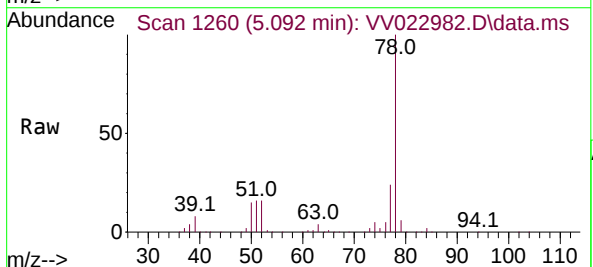
Instrument :
MSVOA_V
ClientSampleId :

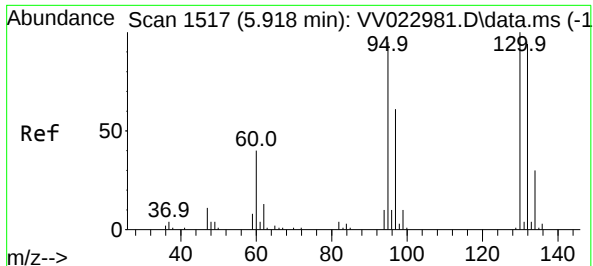
Tgt Ion:117 Resp: 137542
Ion Ratio Lower Upper
117 100
119 93.9 78.8 118.2



#33
Benzene
Concen: 10.142 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion: 78 Resp: 382782



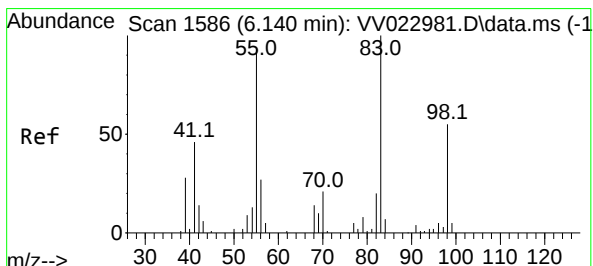
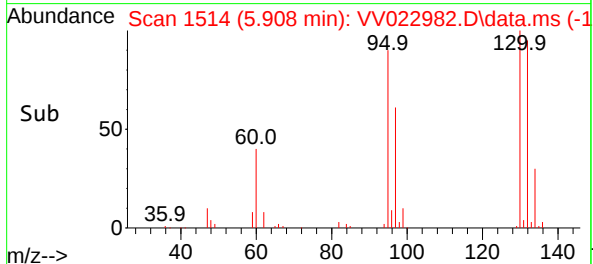
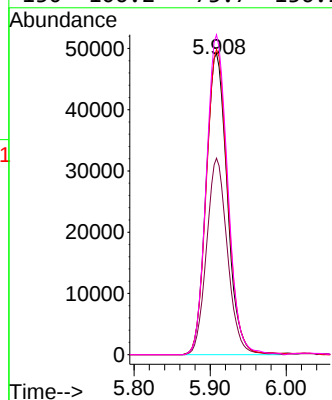
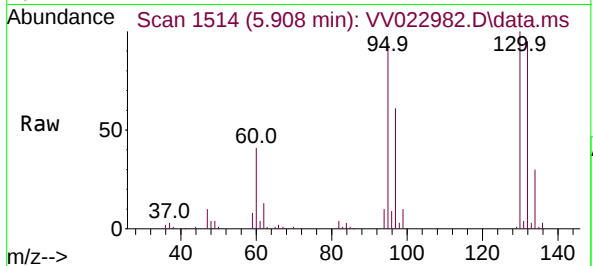


#34
Trichloroethene
Concen: 9.390 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.010 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 95294

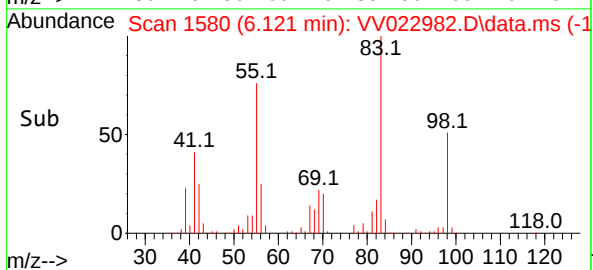
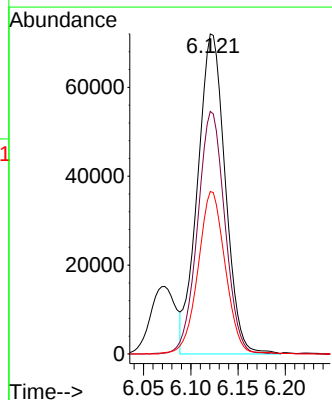
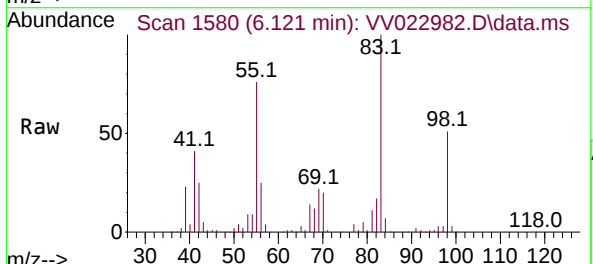
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.0	83.6
132	101.3	69.7	129.4
130	106.2	73.7	136.9

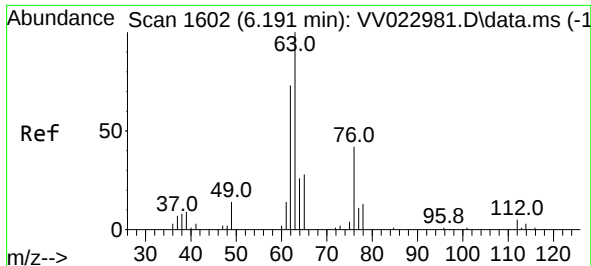


#35
Methylcyclohexane
Concen: 10.272 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.019 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion: 83 Resp: 146417

Ion	Ratio	Lower	Upper
83	100		
55	75.0	62.8	94.2
98	50.0	37.9	56.9





#37

1,2-Dichloropropane

Concen: 10.435 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.016 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

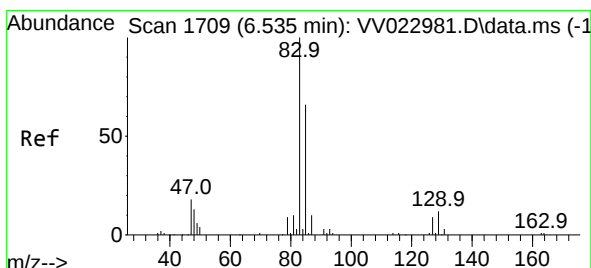
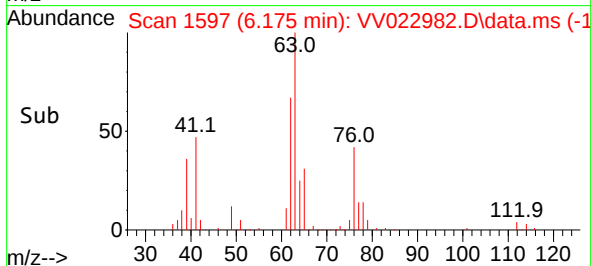
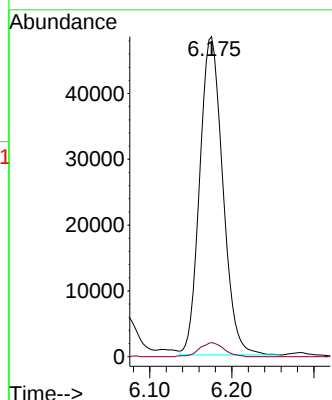
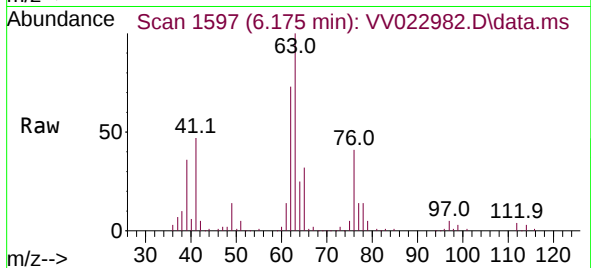
ClientSampleId :

Tgt Ion: 63 Resp: 94675

Ion Ratio Lower Upper

63 100

112 4.7 4.6 6.8



#38

Bromodichloromethane

Concen: 10.357 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.026 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

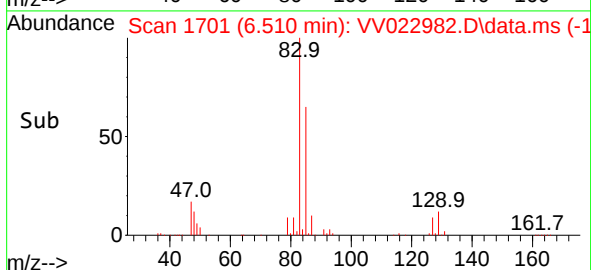
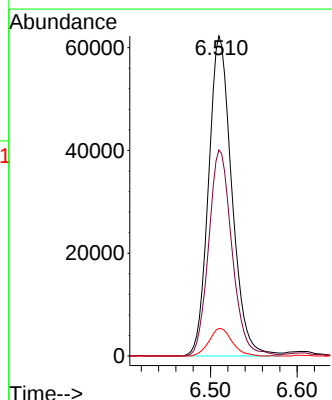
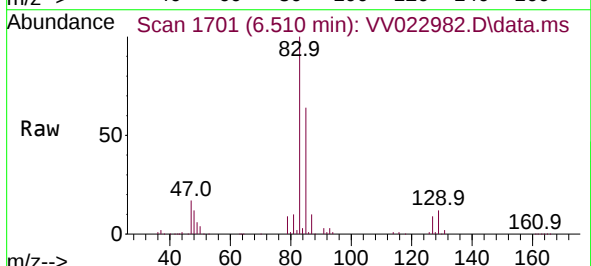
Tgt Ion: 83 Resp: 116280

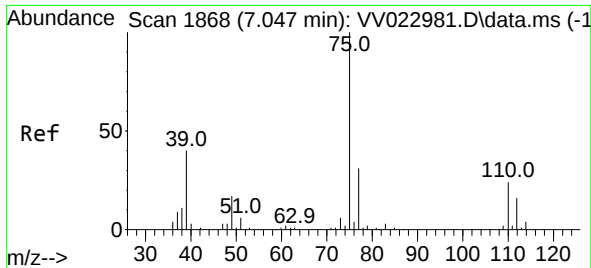
Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.7

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 10.300 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.019 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

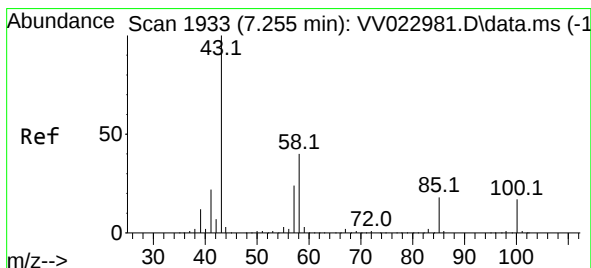
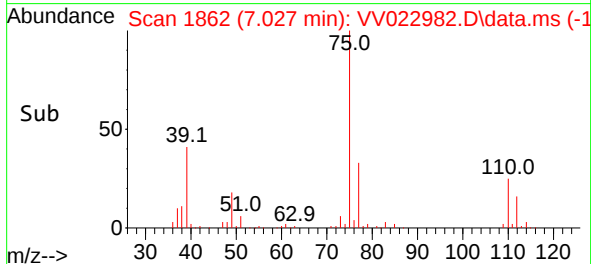
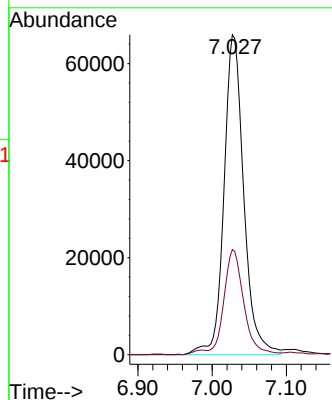
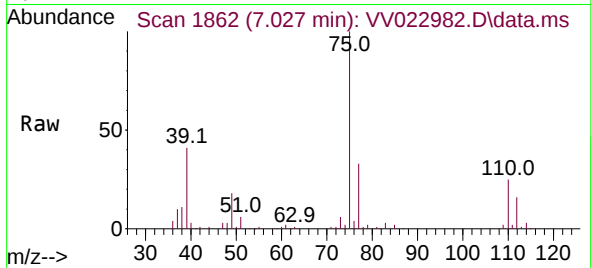
ClientSampleId :

Tgt Ion: 75 Resp: 122294

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 94.151 ug/L

RT: 7.246 min Scan# 1930

Delta R.T. -0.010 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

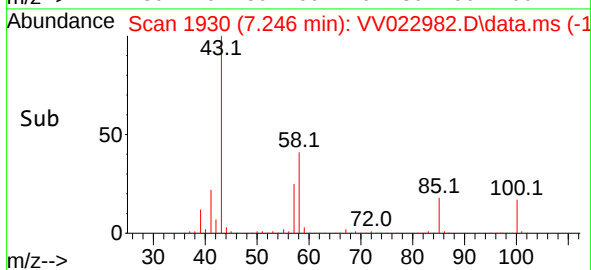
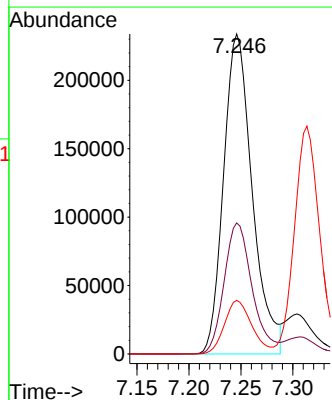
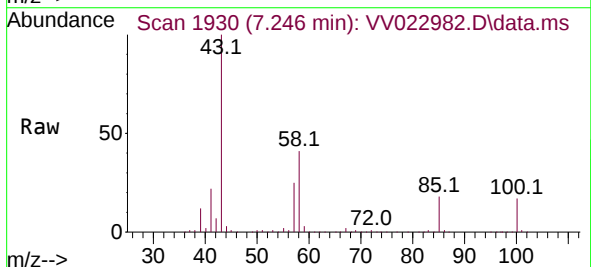
Tgt Ion: 43 Resp: 449119

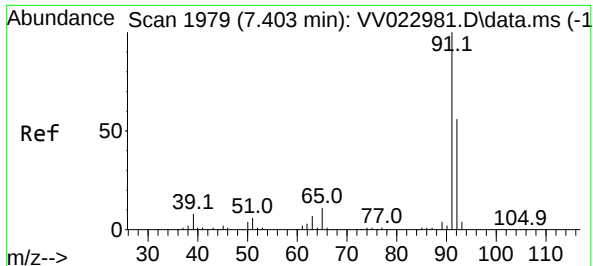
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 16.1 12.6 19.0





#42

Toluene

Concen: 10.847 ug/L

RT: 7.387 min Scan# 1979

Delta R.T. -0.016 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

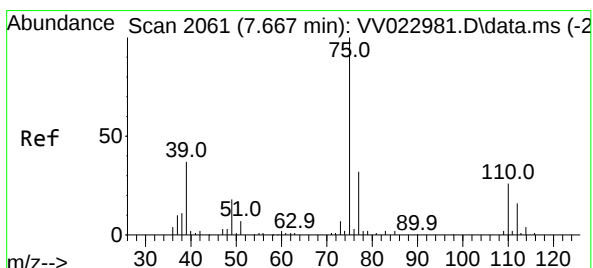
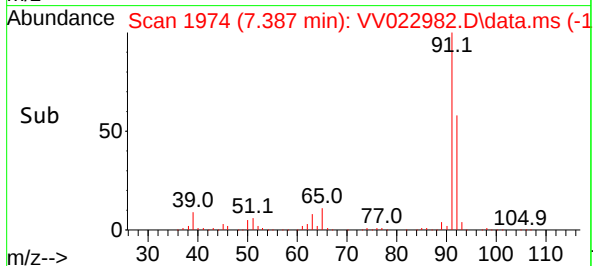
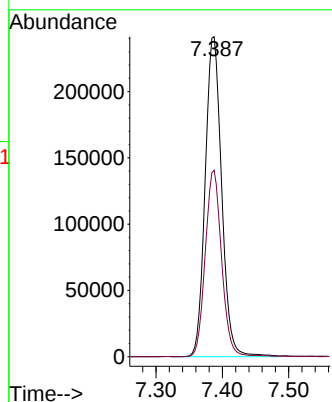
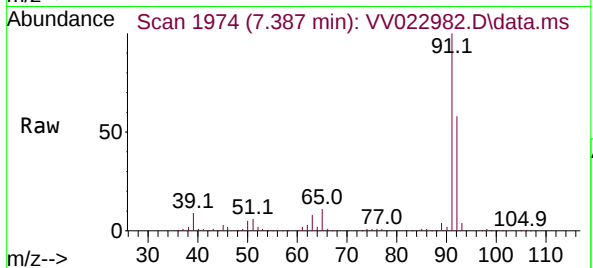
ClientSampleId :

Tgt Ion: 91 Resp: 416446

Ion Ratio Lower Upper

91 100

92 58.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 10.692 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.013 min

Lab File: VV022982.D

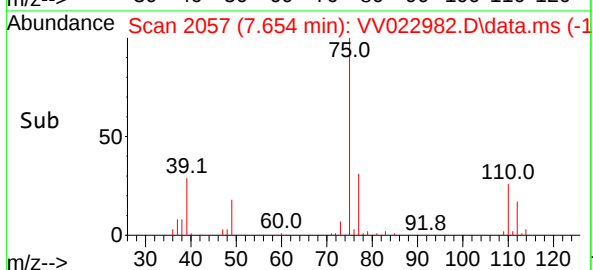
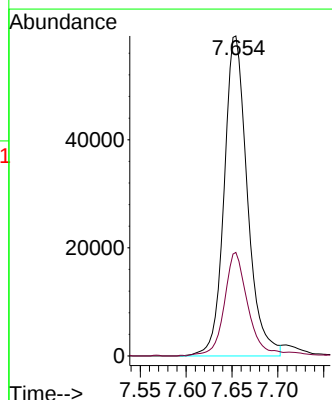
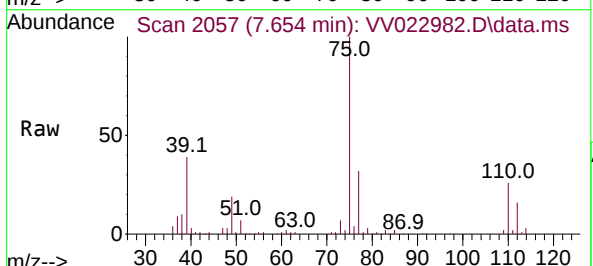
Acq: 22 Oct 2021 11:23

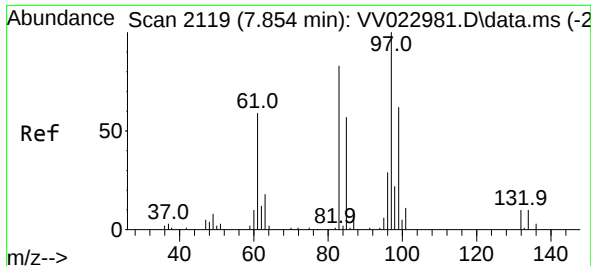
Tgt Ion: 75 Resp: 104311

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 9.465 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. -0.010 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 63303

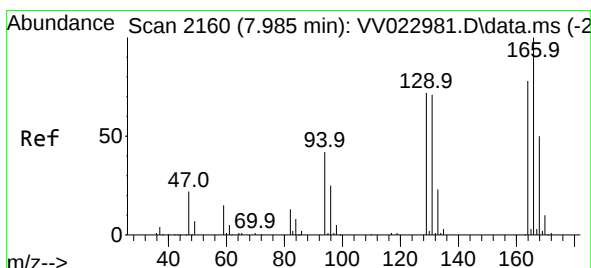
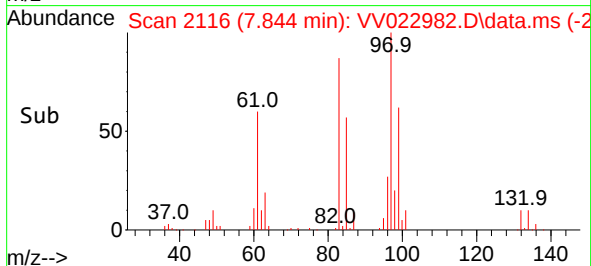
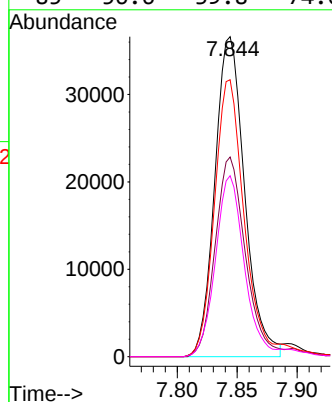
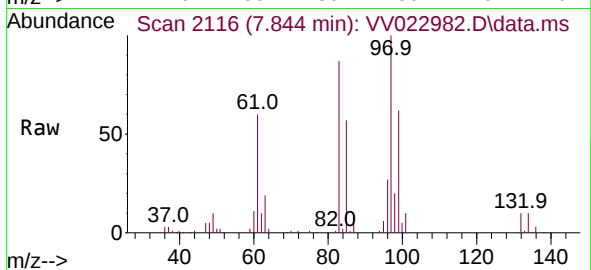
Ion Ratio Lower Upper

97 100

99 62.4 43.6 81.0

83 86.6 58.4 108.4

85 56.6 39.8 74.0



#47

Tetrachloroethene

Concen: 9.846 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.013 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Tgt Ion:164 Resp: 81195

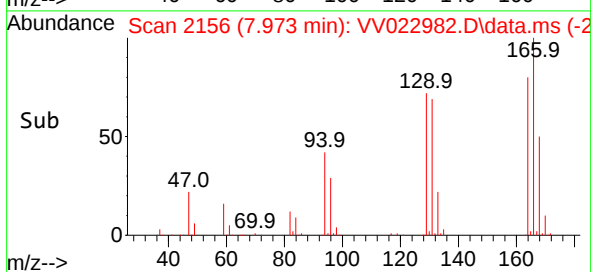
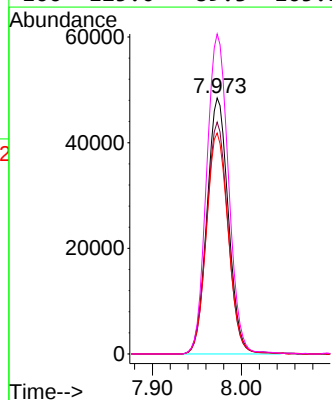
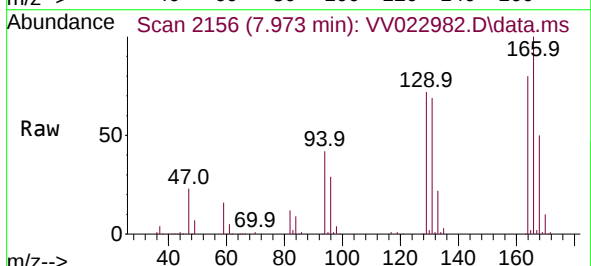
Ion Ratio Lower Upper

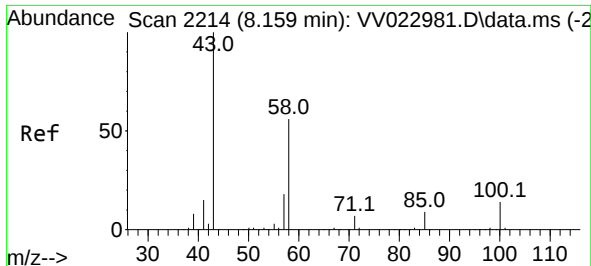
164 100

129 90.5 64.0 119.0

131 86.3 63.4 117.8

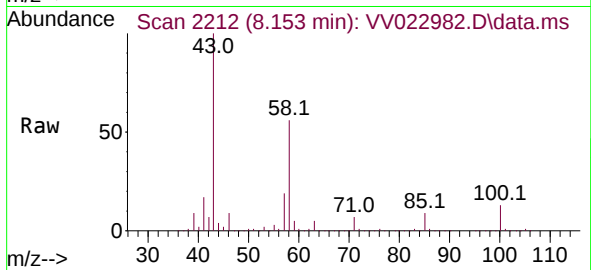
166 125.0 89.3 165.9



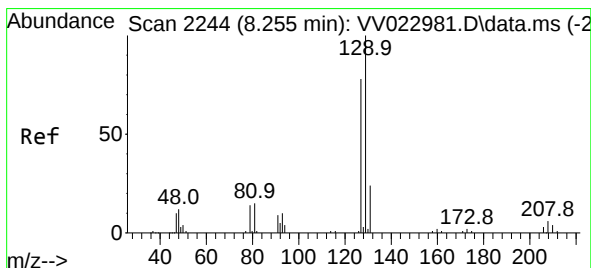
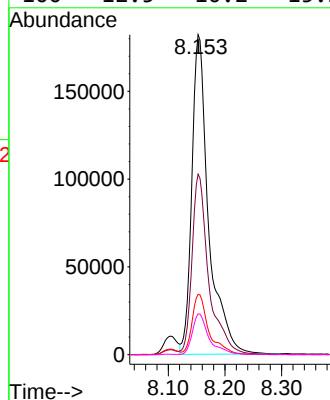
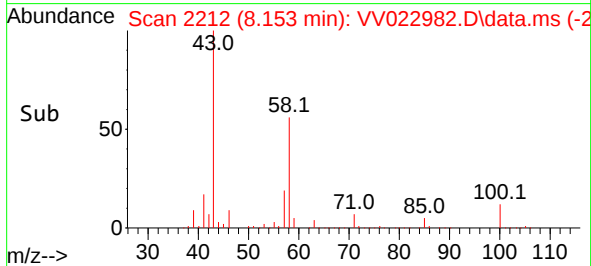


#48
2-Hexanone
Concen: 107.353 ug/L
RT: 8.153 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Instrument :
MSVOA_V
ClientSampleId :

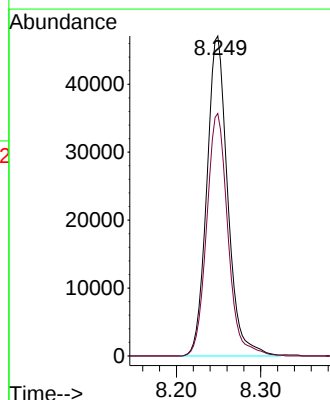
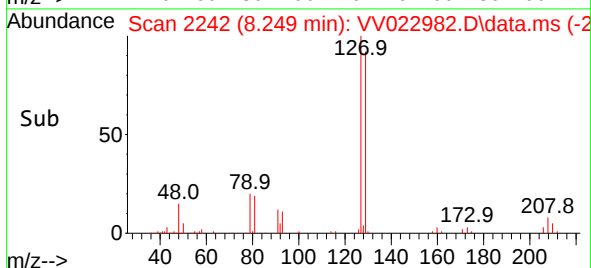
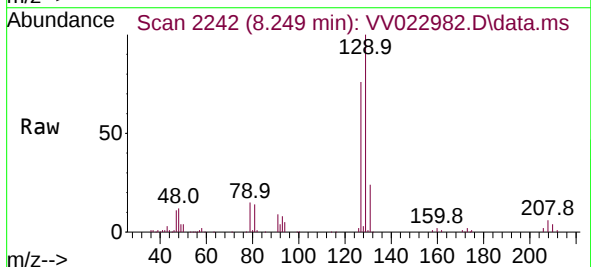


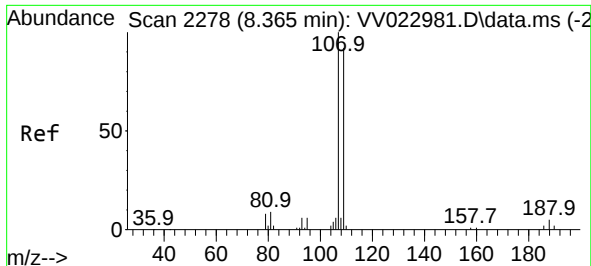
Tgt Ion: 43 Resp: 374449
Ion Ratio Lower Upper
43 100
58 56.0 43.7 65.5
57 18.7 14.1 21.1
100 12.5 10.2 15.2



#49
Dibromochloromethane
Concen: 10.360 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion: 129 Resp: 81271
Ion Ratio Lower Upper
129 100
127 75.7 54.7 101.7





#50

1,2-Dibromoethane

Concen: 9.779 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.010 min

Lab File: VV022982.D

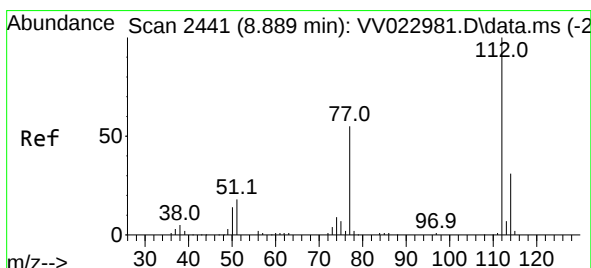
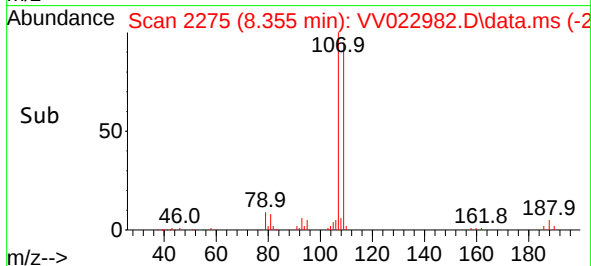
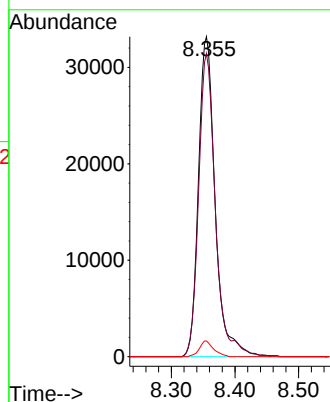
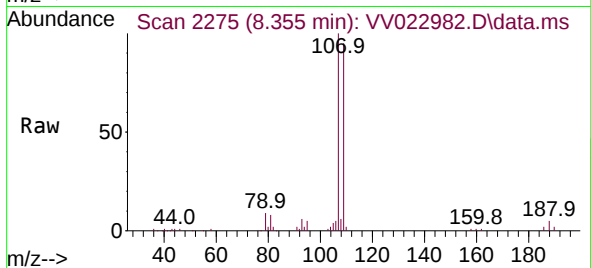
Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	60541
Ion	Ratio	Lower	Upper
107	100		
109	94.7	64.7	120.1
188	4.9	3.6	5.4



#51

Chlorobenzene

Concen: 10.238 ug/L

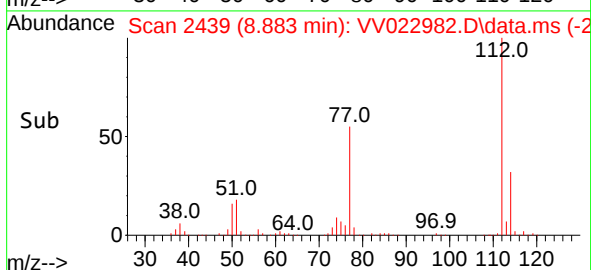
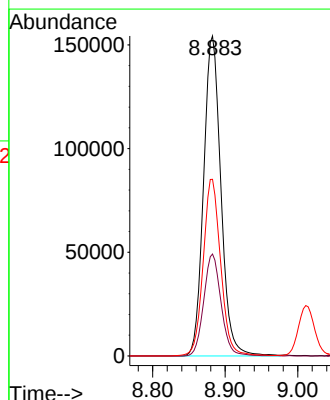
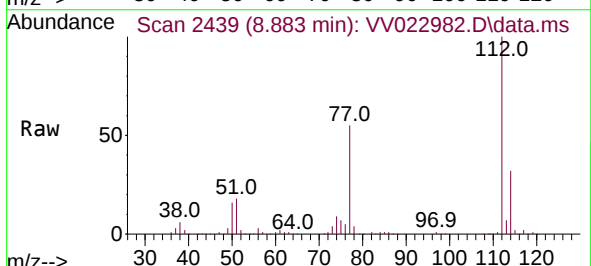
RT: 8.883 min Scan# 2439

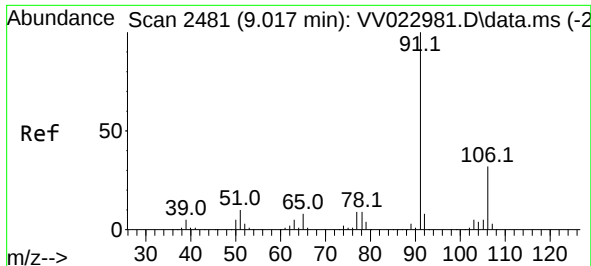
Delta R.T. -0.006 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Tgt Ion:	112	Resp:	256427
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	40.8
77	55.2	44.4	66.6

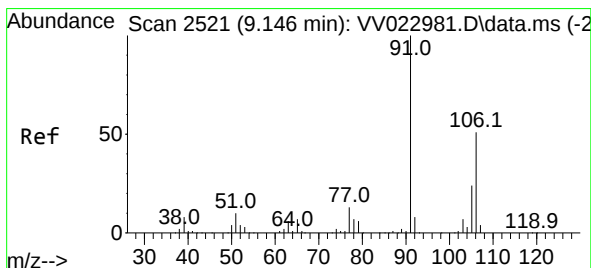
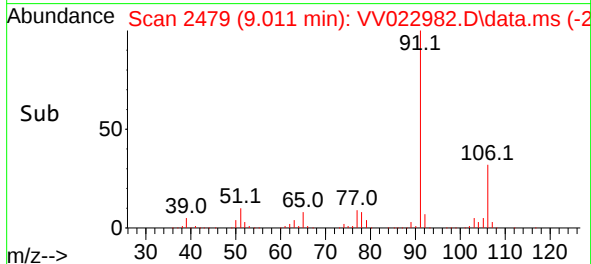
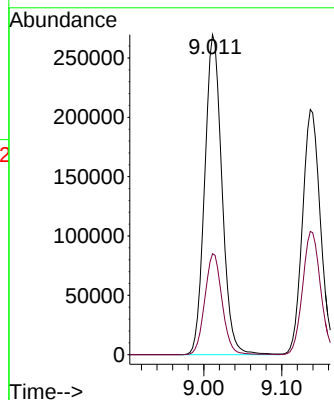
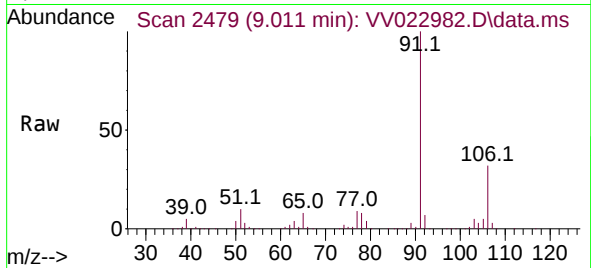




#52
Ethylbenzene
Concen: 10.803 ug/L
RT: 9.011 min Scan# 2481
Delta R.T. -0.006 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

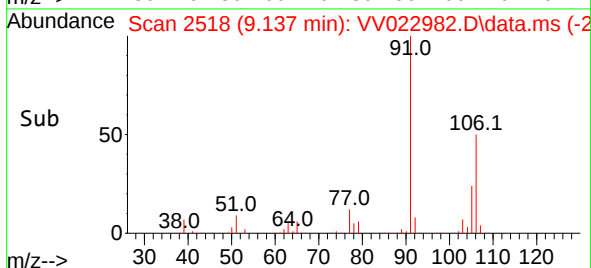
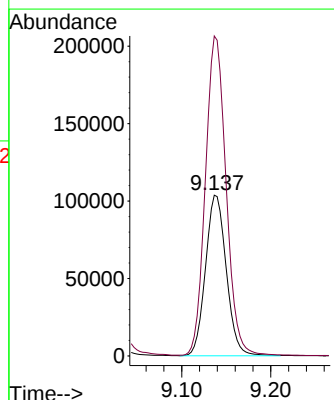
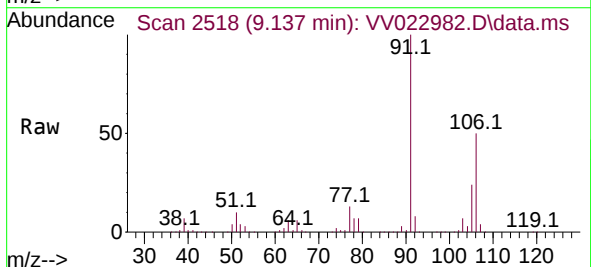
Instrument :
MSVOA_V
ClientSampleId :

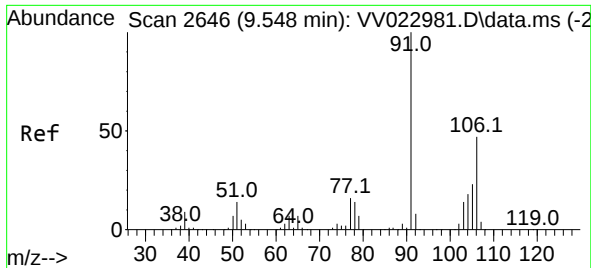
Tgt Ion: 91 Resp: 415158
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.9



#53
m,p-xylene
Concen: 10.998 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.010 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion: 106 Resp: 167444
Ion Ratio Lower Upper
106 100
91 199.1 137.2 254.8

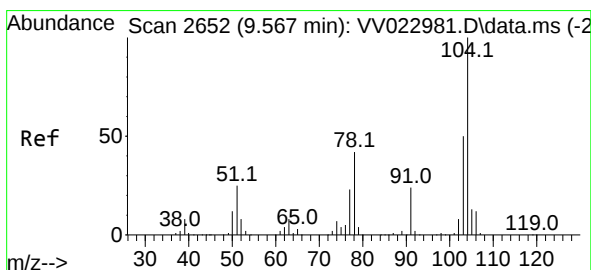
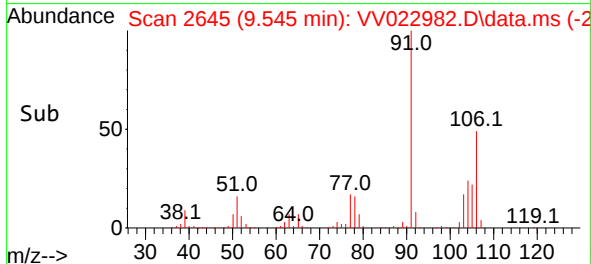
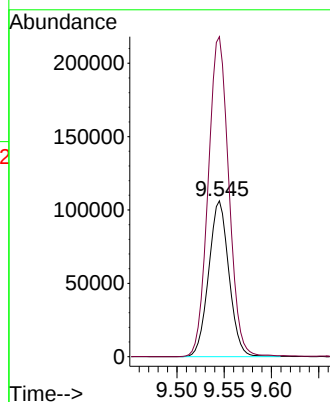
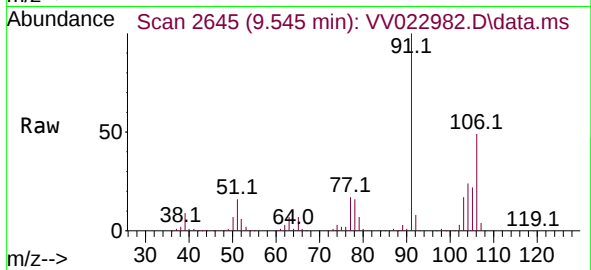




#54
o-xylene
Concen: 11.156 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

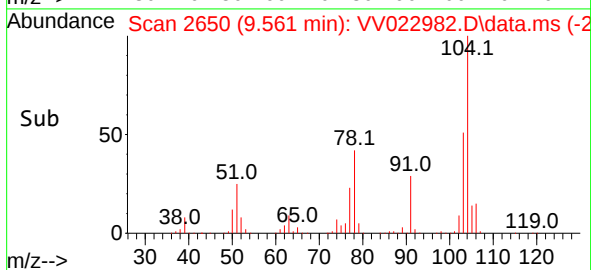
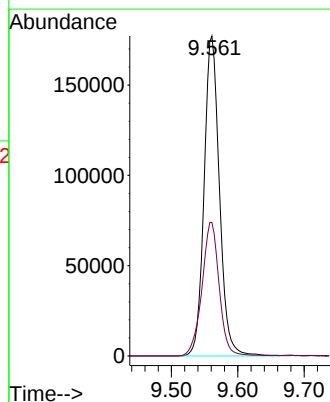
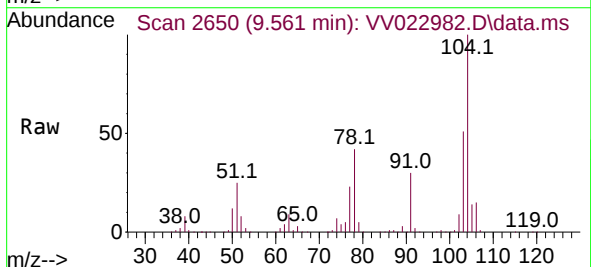
Instrument :
MSVOA_V
ClientSampleId :

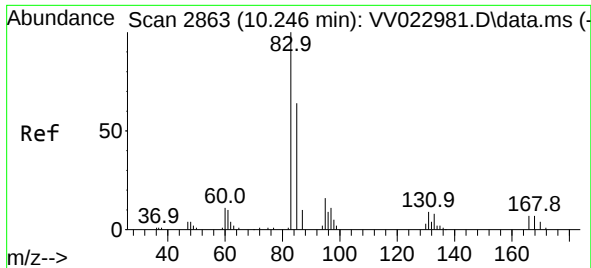
Tgt Ion:106 Resp: 158421
Ion Ratio Lower Upper
106 100
91 205.3 148.3 275.5



#55
Styrene
Concen: 11.620 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.006 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion:104 Resp: 284797
Ion Ratio Lower Upper
104 100
78 41.7 29.3 54.3

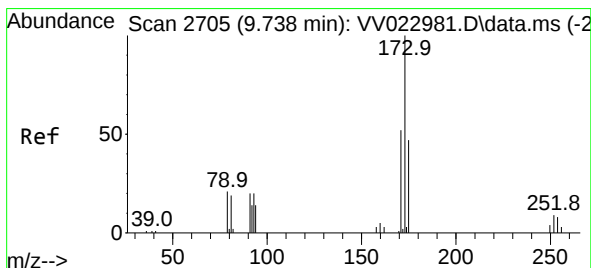
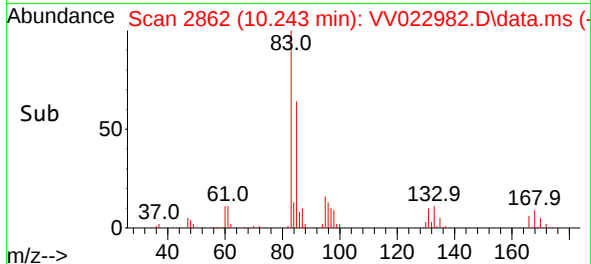
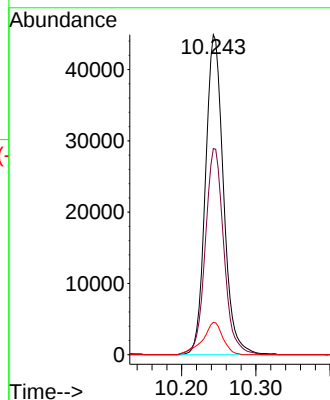
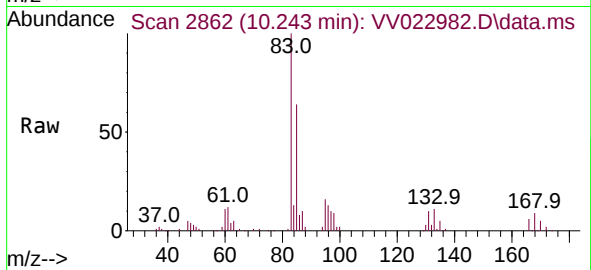




#57
 1,1,2-Tetrachloroethane
 Concen: 11.033 ug/L
 RT: 10.243 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

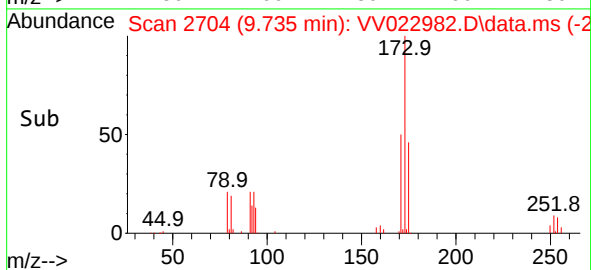
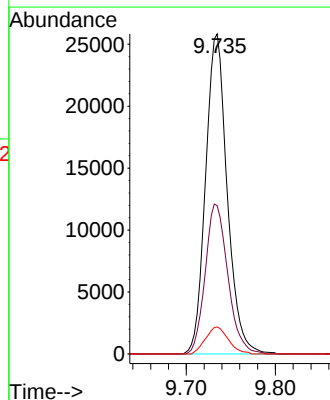
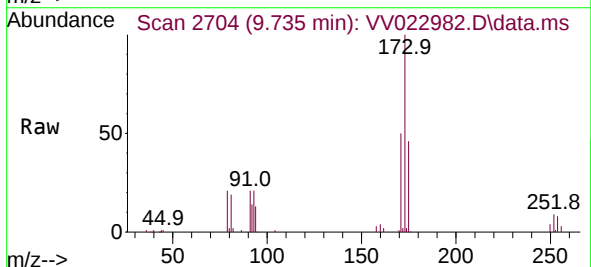
Instrument :
 MSVOA_V
 ClientSampleId :

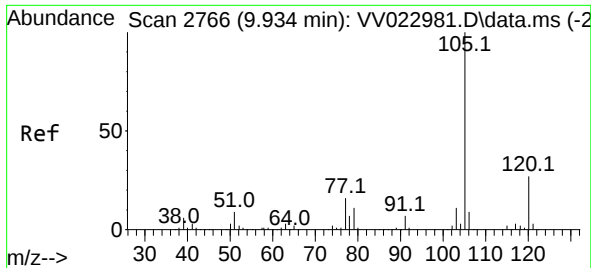
Tgt Ion: 83 Resp: 75466
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.1 83.9
 131 10.1 7.8 11.6



#59
 Bromoform
 Concen: 9.867 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. -0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

Tgt Ion: 173 Resp: 43482
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.2 57.2
 254 8.9 6.2 9.2

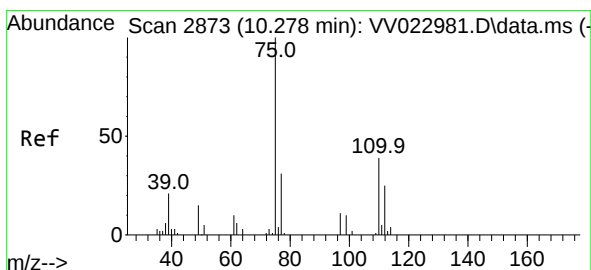
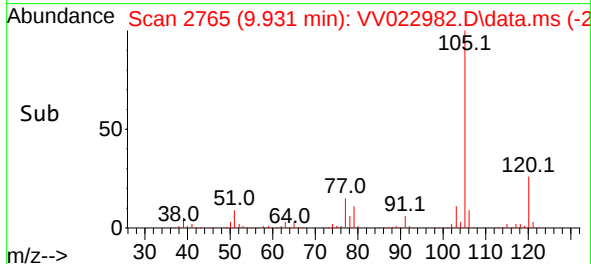
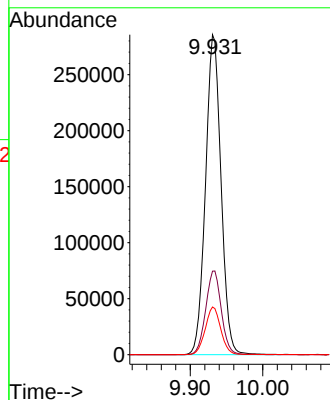
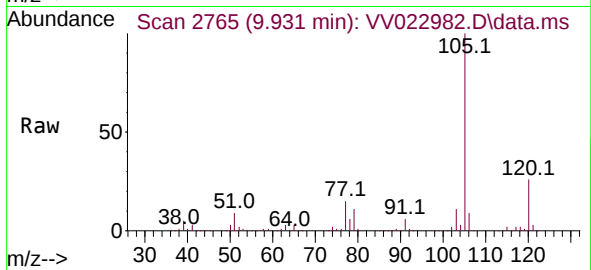




#60
Isopropylbenzene
Concen: 10.627 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

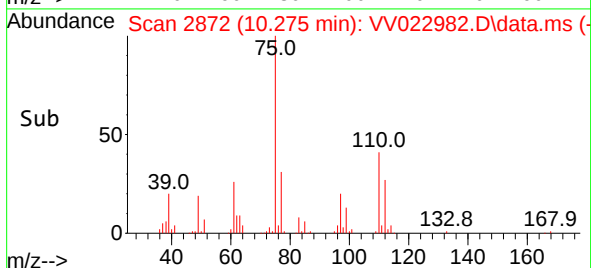
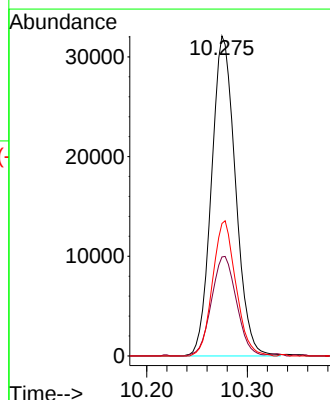
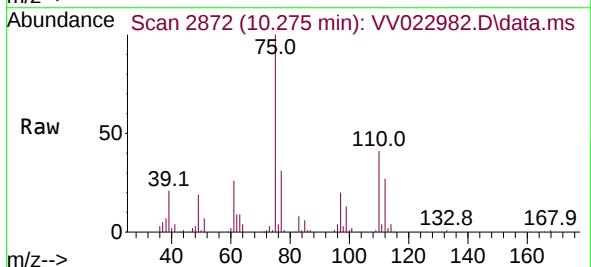
Instrument :
MSVOA_V
ClientSampleId :

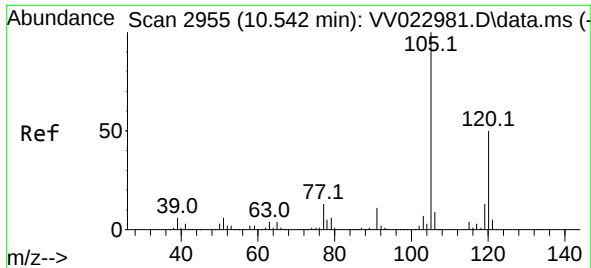
Tgt Ion:105 Resp: 424375
Ion Ratio Lower Upper
105 100
120 26.4 21.7 32.5
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 9.796 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion: 75 Resp: 53170
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 41.0 31.8 47.6

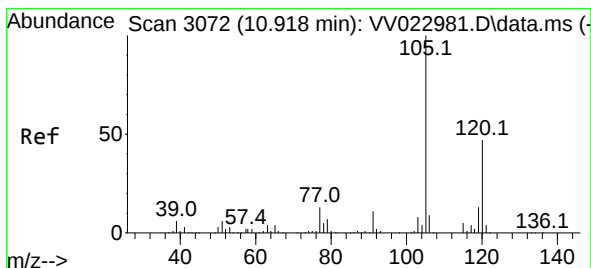
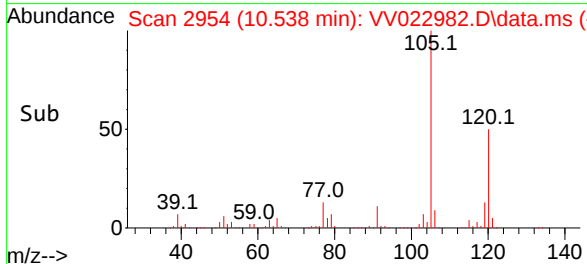
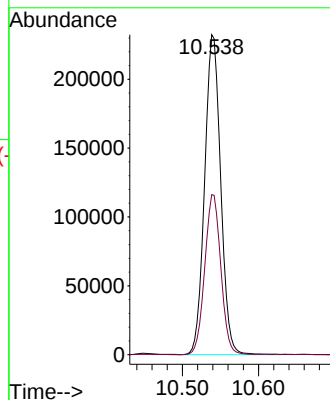
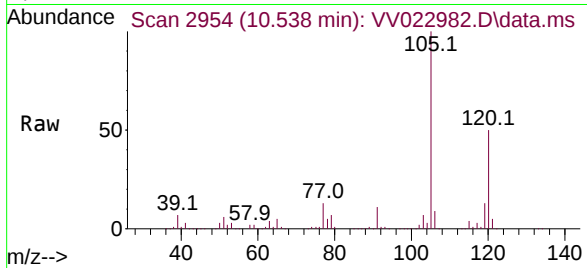




#62
 1,3,5-Trimethylbenzene
 Concen: 10.690 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

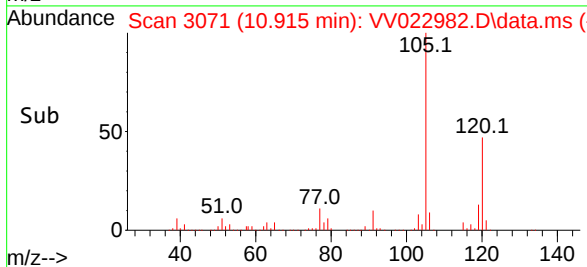
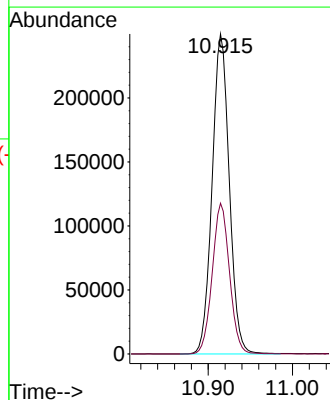
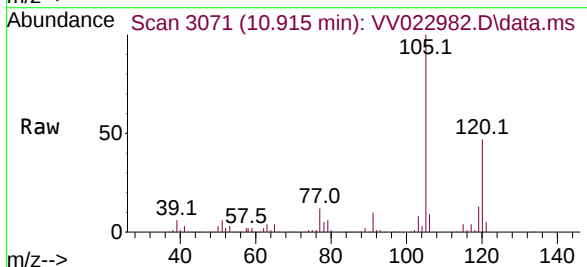
Instrument :
 MSVOA_V
 ClientSampleId :

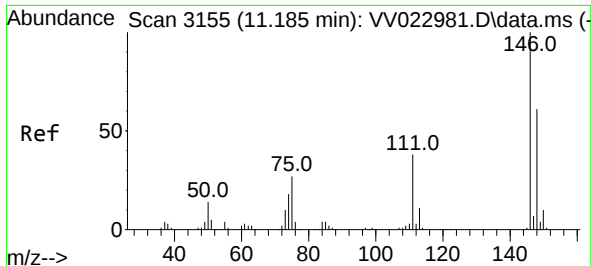
Tgt Ion:105 Resp: 341698
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 11.028 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.003 min
 Lab File: VV022982.D
 Acq: 22 Oct 2021 11:23

Tgt Ion:105 Resp: 353279
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.4 56.2

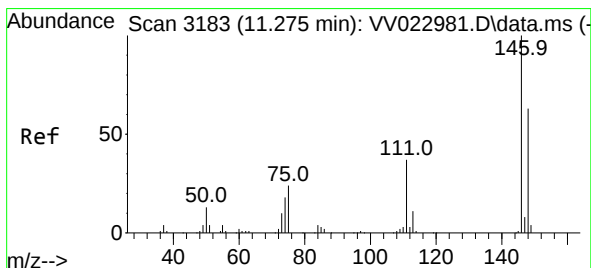
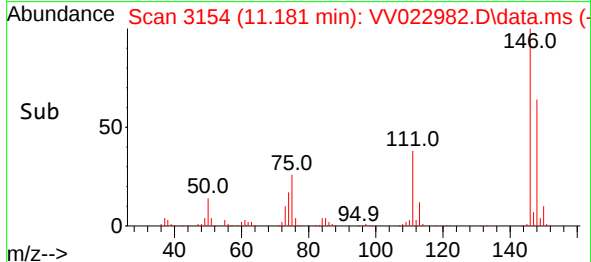
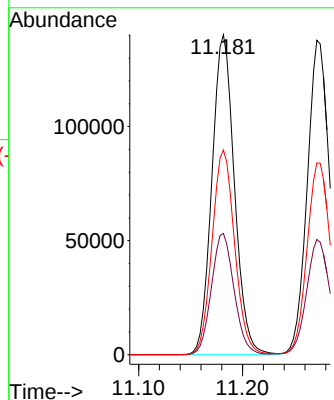
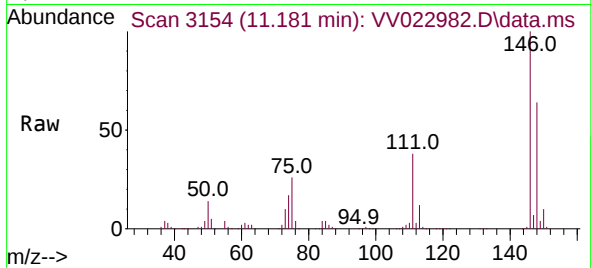




#64
1,3-Dichlorobenzene
Concen: 10.083 ug/L
RT: 11.181 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

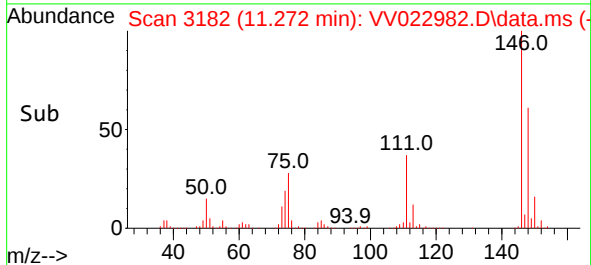
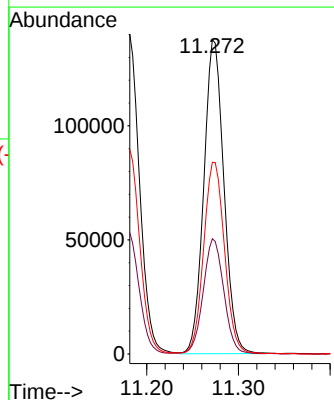
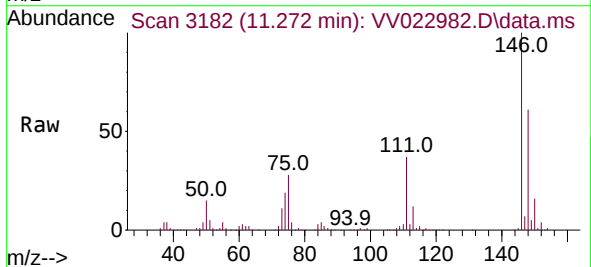
Instrument :
MSVOA_V
ClientSampleId :

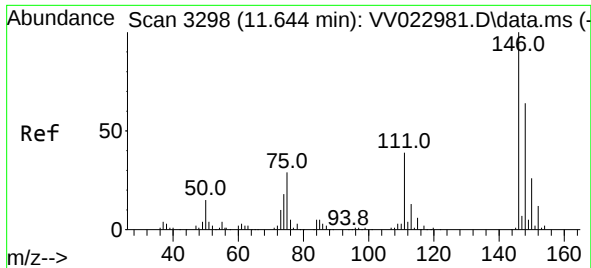
Tgt Ion:146 Resp: 210985
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 64.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 9.910 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion:146 Resp: 210059
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 60.9 44.4 82.5

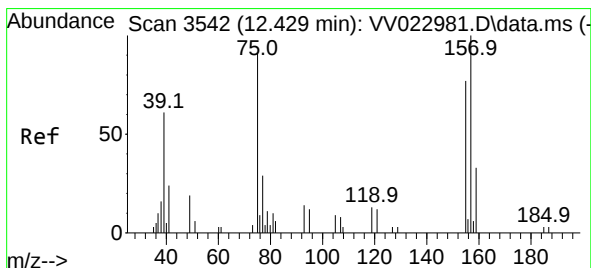
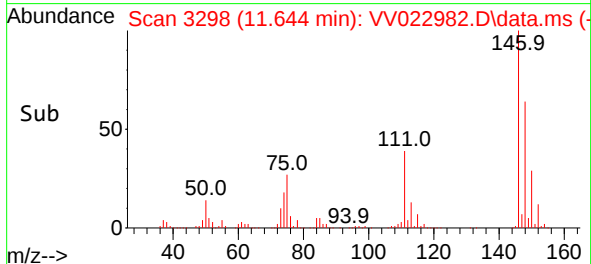
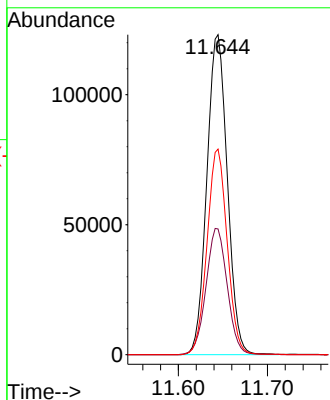
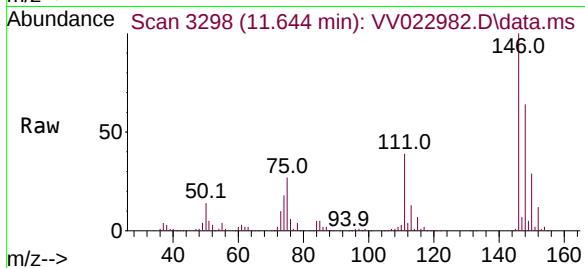




#67
1,2-Dichlorobenzene
Concen: 10.019 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

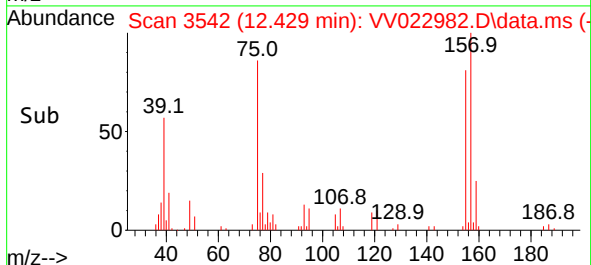
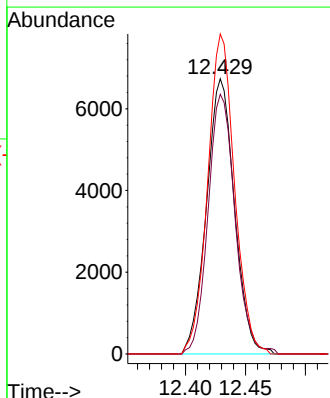
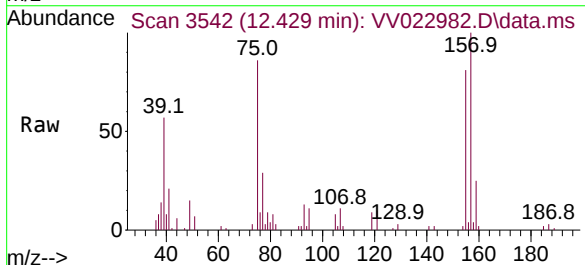
Instrument :
MSVOA_V
ClientSampleId :

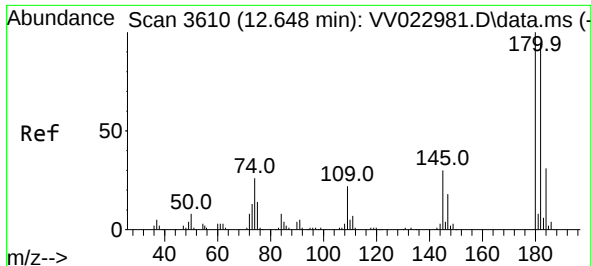
Tgt Ion:146 Resp: 196169
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 64.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 10.776 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion: 75 Resp: 10943
Ion Ratio Lower Upper
75 100
155 94.4 67.7 101.5
157 116.3 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 10.048 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.003 min

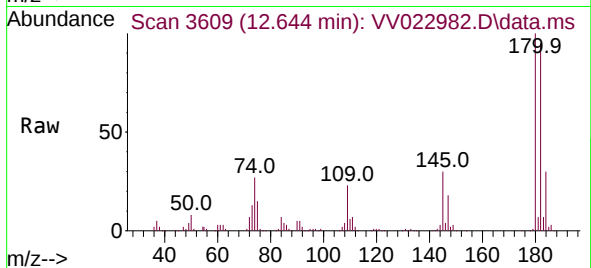
Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 158439

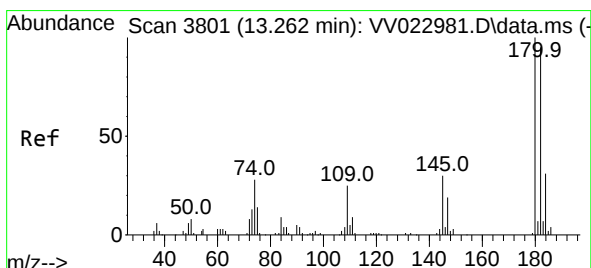
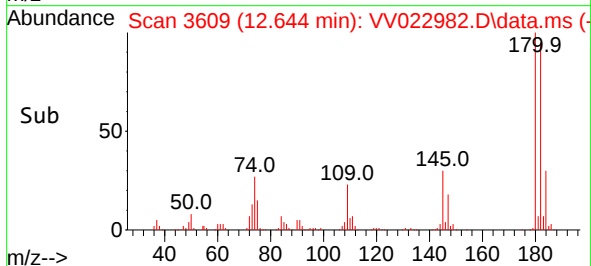
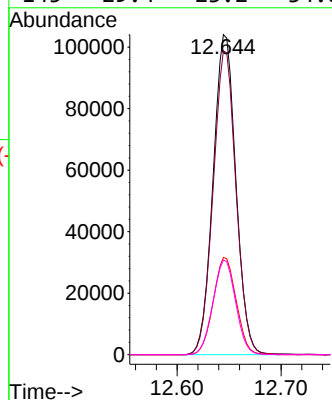
Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

184 30.6 23.8 35.8

145 29.4 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 10.248 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV022982.D

Acq: 22 Oct 2021 11:23

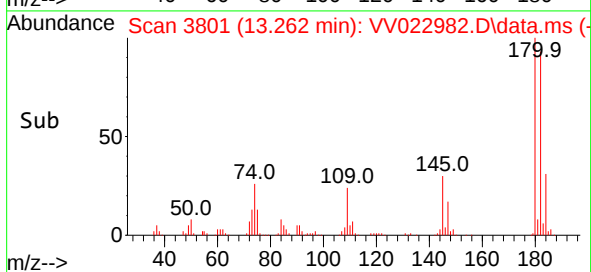
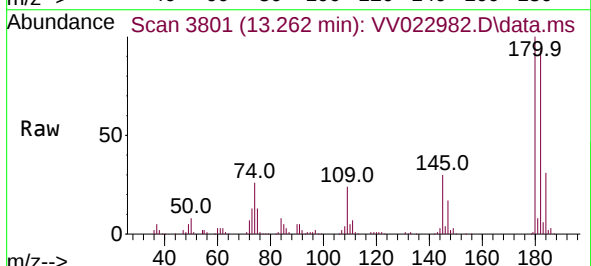
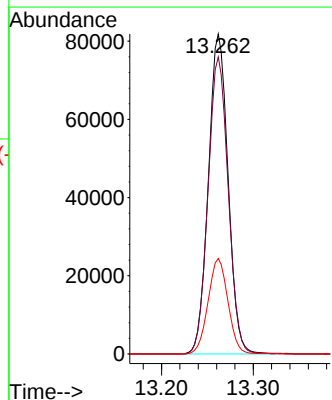
Tgt Ion:180 Resp: 122279

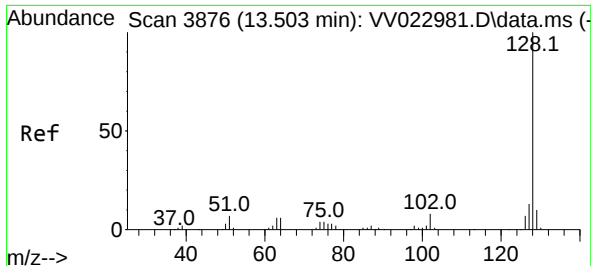
Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

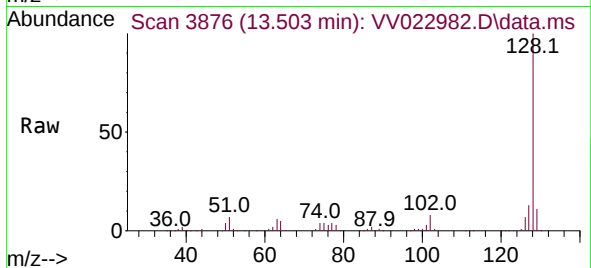
145 30.1 24.4 36.6



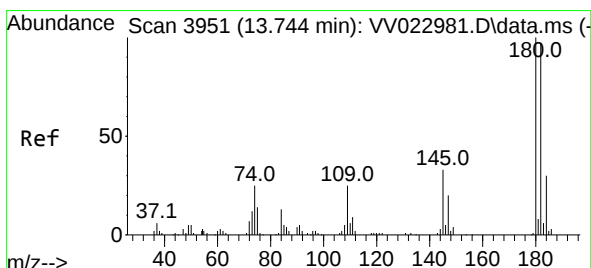
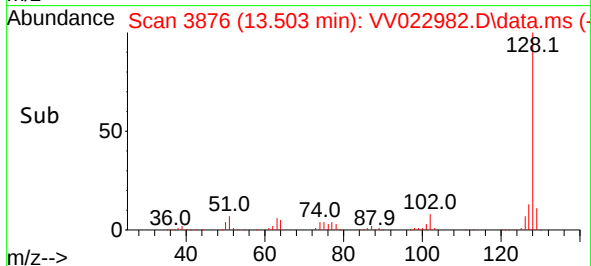
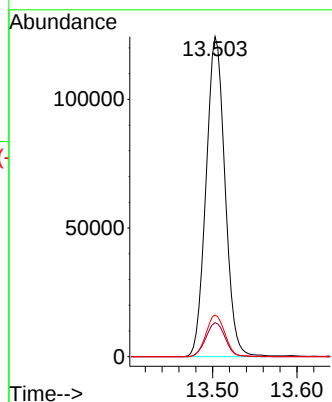


#71
Naphthalene
Concen: 10.274 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 194695
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 10.436 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022982.D
Acq: 22 Oct 2021 11:23

Tgt Ion:180 Resp: 117232
Ion Ratio Lower Upper
180 100
182 94.5 76.7 115.1
145 31.2 25.7 38.5

