

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022983.D
 Acq On : 22 Oct 2021 11:47
 Operator : SY/MD
 Sample : VSTD02045
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 00:42:28 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	141401	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	252746	24.085	ug/L	0.00
7) Chloroethane-d5	1.558	69	160659	18.637	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	359132	18.823	ug/L	-0.02
20) 2-Butanone-d5	3.985	46	477546	189.693	ug/L	0.03
24) Chloroform-d	4.346	84	412037	20.264	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	200842	20.462	ug/L	0.00
32) Benzene-d6	5.043	84	858461	20.309	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	268713	21.490	ug/L	-0.02
41) Toluene-d8	7.313	98	846589	23.006	ug/L	-0.02
43) trans-1,3-Dichloroprop...	7.622	79	101569	24.231	ug/L	-0.02
46) 2-Hexanone-d5	8.104	63	452947	276.474	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	192081	22.878	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	313778	20.592	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	173628	17.272	ug/L	99
3) Chloromethane	1.236	50	189728	18.593	ug/L	95
5) Vinyl chloride	1.301	62	189538	17.900	ug/L	99
6) Bromomethane	1.513	94	101180	15.965	ug/L	99
8) Chloroethane	1.574	64	101791	16.078	ug/L	99
9) Trichlorofluoromethane	1.744	101	267435	17.704	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	146987	16.573	ug/L	100
12) 1,1-Dichloroethene	2.108	96	134585	16.181	ug/L	86
13) Acetone	2.288	43	156458	116.336	ug/L	68
14) Carbon disulfide	2.281	76	383828	16.529	ug/L	100
15) Methyl Acetate	2.468	43	115554	31.479	ug/L #	57
16) Methylene chloride	2.497	84	155779	14.083	ug/L	90
17) Methyl tert-butyl Ether	2.776	73	354218	18.351	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	153784	17.578	ug/L	96
19) 1,1-Dichloroethane	3.182	63	237928	15.072	ug/L	98
21) 2-Butanone	4.069	43	421002	184.127	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	197892	20.430	ug/L #	93
23) Bromochloromethane	4.243	128	80827	18.991	ug/L	91
25) Chloroform	4.371	83	340377	17.823	ug/L	97
27) 1,2-Dichloroethane	5.133	62	197456	20.549	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	300234	18.849	ug/L	99
30) Cyclohexane	4.661	56	284759	19.593	ug/L	98
31) Carbon tetrachloride	4.815	117	257752	18.711	ug/L	97
33) Benzene	5.092	78	743909	19.811	ug/L	100
34) Trichloroethene	5.908	95	187633	18.583	ug/L	97
35) Methylcyclohexane	6.120	83	306177	21.590	ug/L	96
37) 1,2-Dichloropropane	6.175	63	191587	21.225	ug/L	97
38) Bromodichloromethane	6.509	83	237574	21.268	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	273294	23.134	ug/L	99
40) 4-Methyl-2-pentanone	7.246	43	1088697	229.397	ug/L	98
42) Toluene	7.387	91	839055	21.966	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	227063	23.392	ug/L	99

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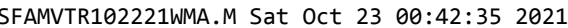
Instrument :
 MSVOA_V
 ClientSampleId :

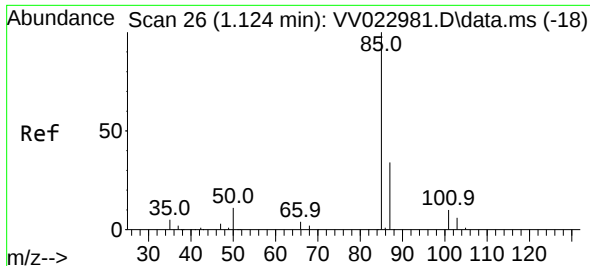
Quant Time: Oct 23 00:42:28 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	132945	19.979	ug/L	99
47) Tetrachloroethene	7.972	164	160568	19.570	ug/L	99
48) 2-Hexanone	8.156	43	781413	225.174	ug/L	97
49) Dibromochloromethane	8.249	129	168062	21.532	ug/L	99
50) 1,2-Dibromoethane	8.355	107	126212	20.492	ug/L	99
51) Chlorobenzene	8.882	112	529703	21.257	ug/L	100
52) Ethylbenzene	9.011	91	888873	23.249	ug/L	100
53) m,p-xylene	9.140	106	359580	23.740	ug/L	99
54) o-xylene	9.545	106	346404	24.518	ug/L	98
55) Styrene	9.561	104	615427	25.238	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	156613	23.013	ug/L	98
59) Bromoform	9.731	173	93302	20.395	ug/L	99
60) Isopropylbenzene	9.931	105	933638	22.523	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	110827	19.671	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	792897	23.895	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	816806	24.562	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	458146	21.092	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	456168	20.731	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	423946	20.858	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	22636	21.472	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	354831	21.677	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	279772	22.587	ug/L	99
71) Naphthalene	13.503	128	474150	24.104	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	263633	22.607	ug/L	98

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

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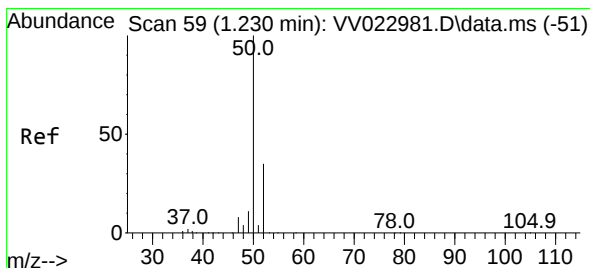
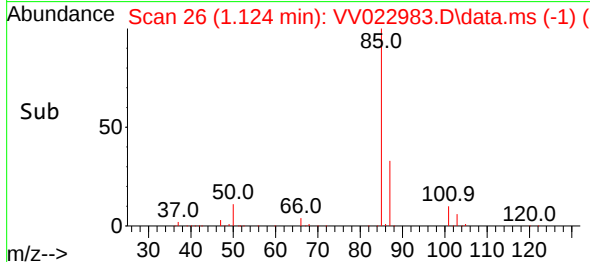
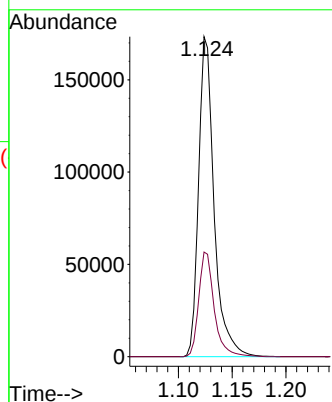
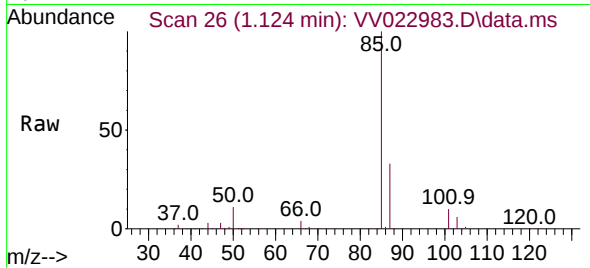




#2
 Dichlorodifluoromethane
 Concen: 17.272 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV022983.D
 Acq: 22 Oct 2021 11:47

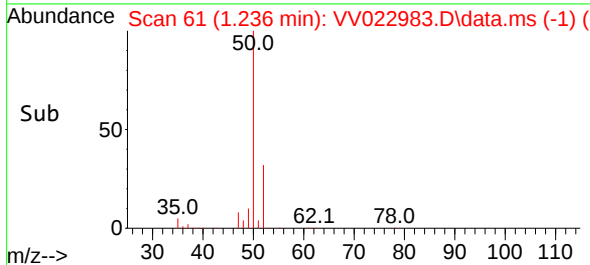
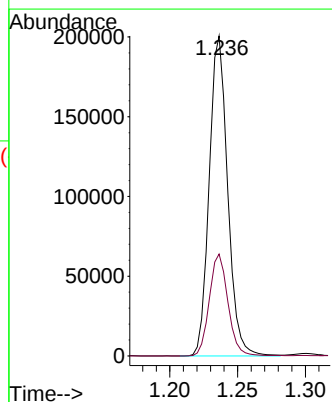
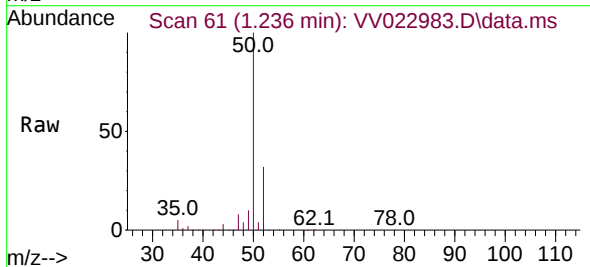
Instrument :
 MSVOA_V
 ClientSampleId :

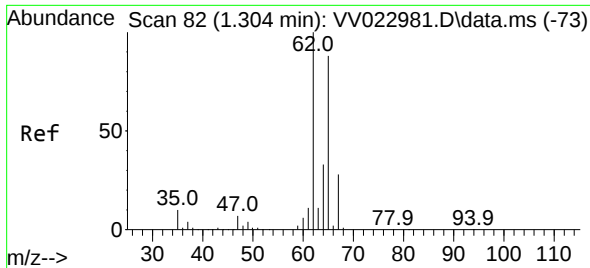
Tgt Ion: 85 Resp: 173628
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 39.8



#3
 Chloromethane
 Concen: 18.593 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VV022983.D
 Acq: 22 Oct 2021 11:47

Tgt Ion: 50 Resp: 189728
 Ion Ratio Lower Upper
 50 100
 52 31.8 24.3 45.1

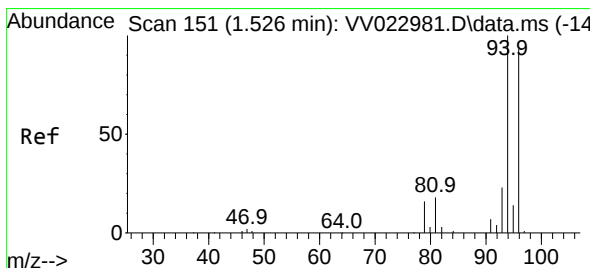
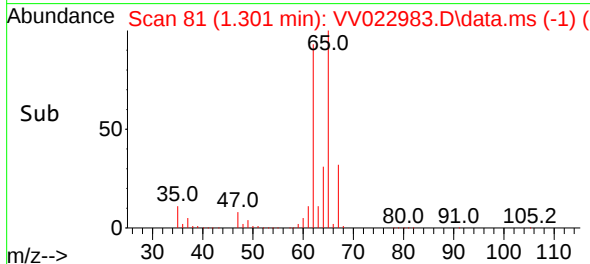
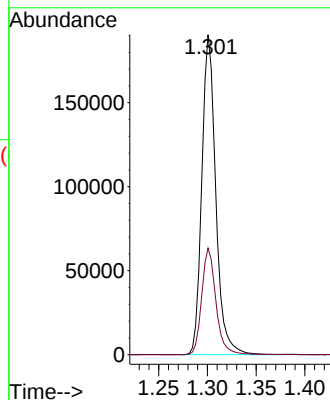
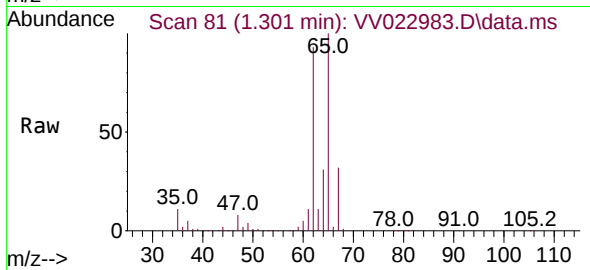




#5
 Vinyl chloride
 Concen: 17.900 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV022983.D
 Acq: 22 Oct 2021 11:47

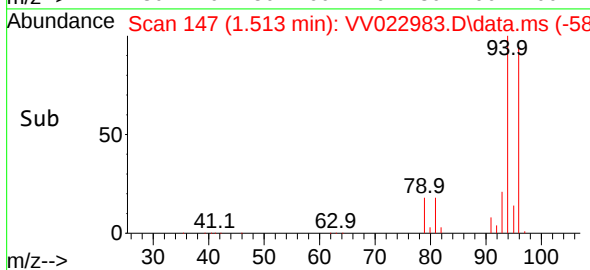
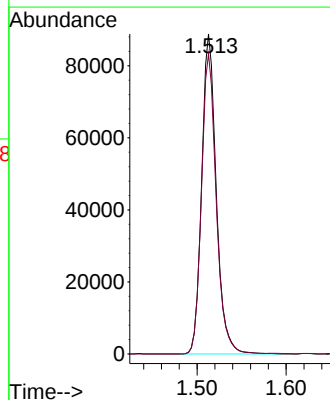
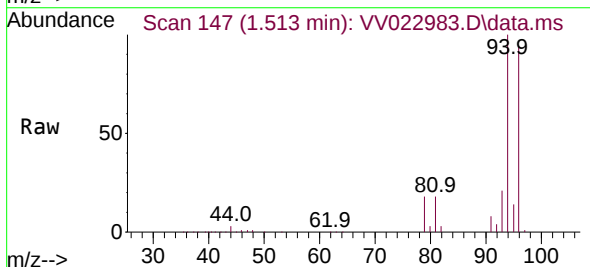
Instrument :
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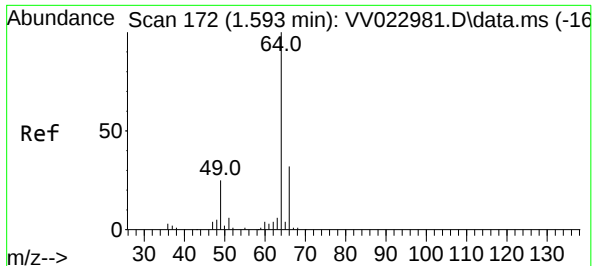
Tgt Ion: 62 Resp: 189538
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 15.965 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.013 min
 Lab File: VV022983.D
 Acq: 22 Oct 2021 11:47

Tgt Ion: 94 Resp: 101180
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.0 120.8

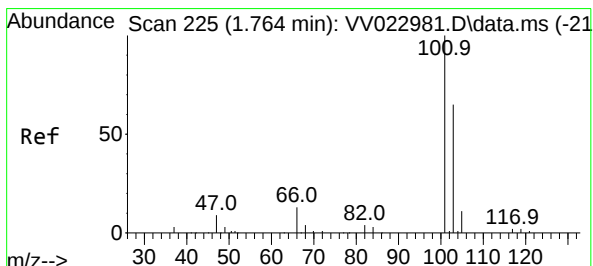
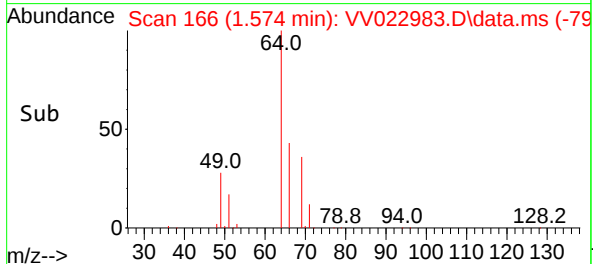
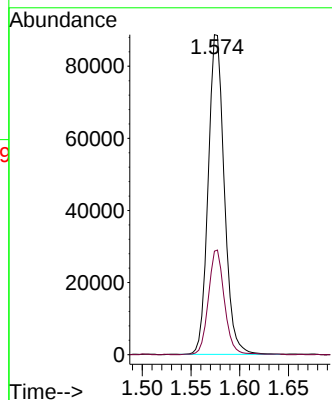
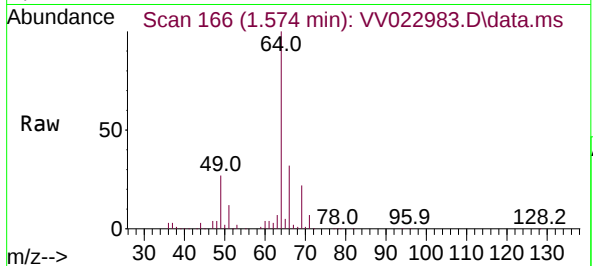




#8
Chloroethane
Concen: 16.078 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.019 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

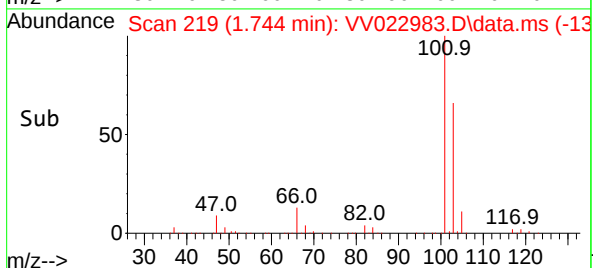
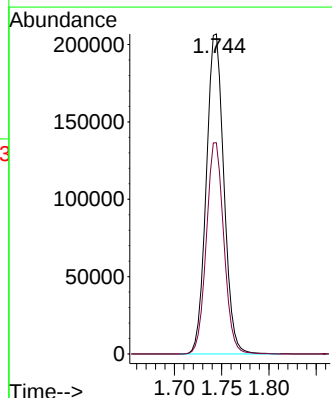
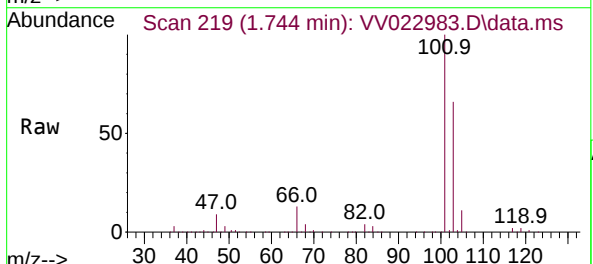
Instrument :
MSVOA_V
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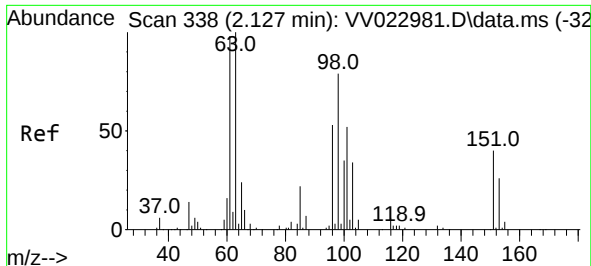
Tgt Ion: 64 Resp: 101791
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 17.704 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.019 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion:101 Resp: 267435
Ion Ratio Lower Upper
101 100
103 65.7 52.6 79.0





#10

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

Concen: 16.573 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.019 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

ClientSampleId :

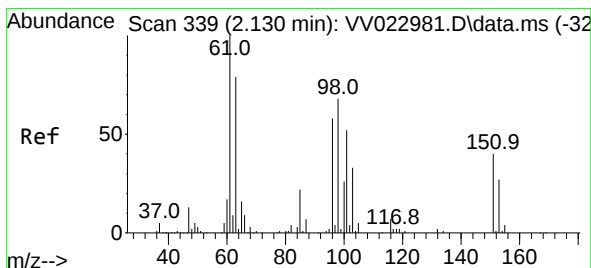
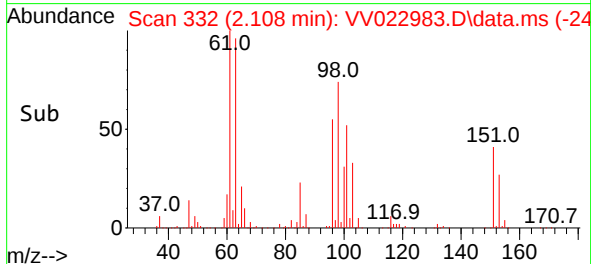
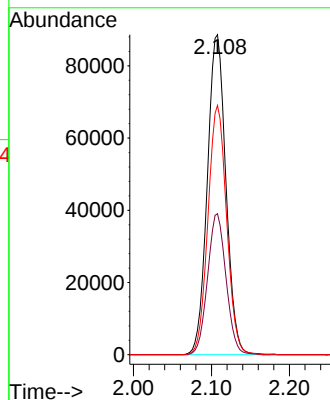
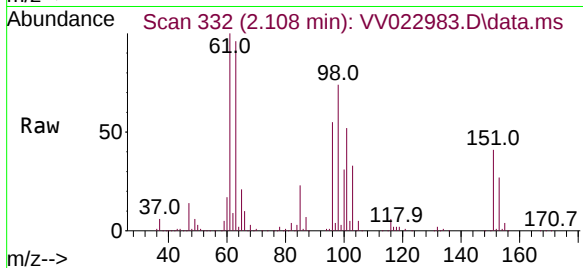
Tgt Ion:101 Resp: 146987

Ion Ratio Lower Upper

101 100

85 43.7 35.3 52.9

151 78.0 62.2 93.2



#12

1,1-Dichloroethene

Concen: 16.181 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.023 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

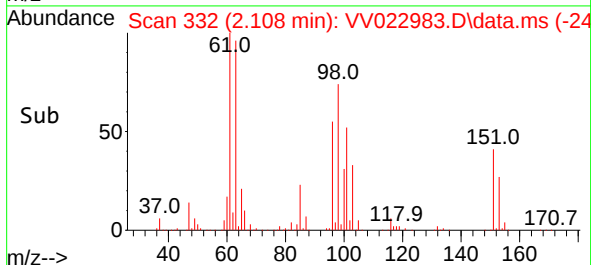
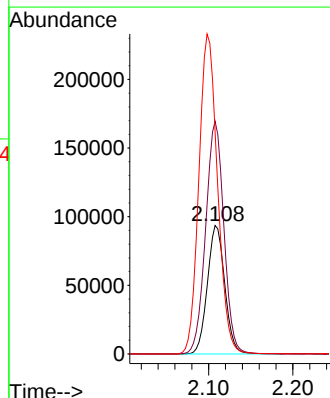
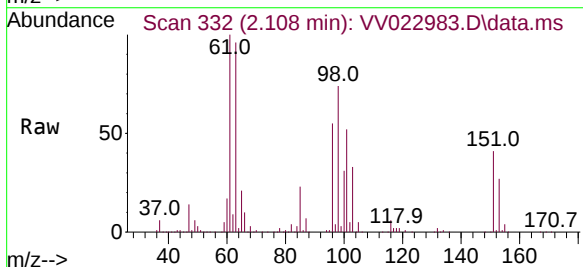
Tgt Ion: 96 Resp: 134585

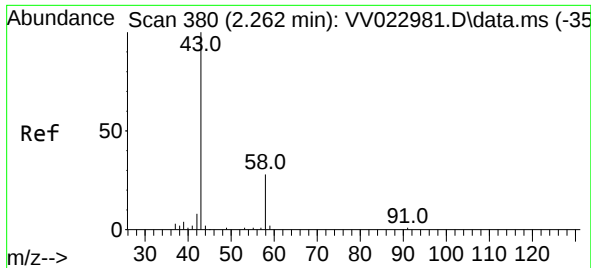
Ion Ratio Lower Upper

96 100

61 181.1 121.5 225.7

63 173.3 99.6 185.0





#13

Acetone

Concen: 116.336 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.026 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

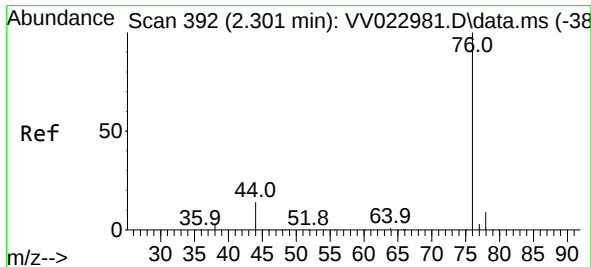
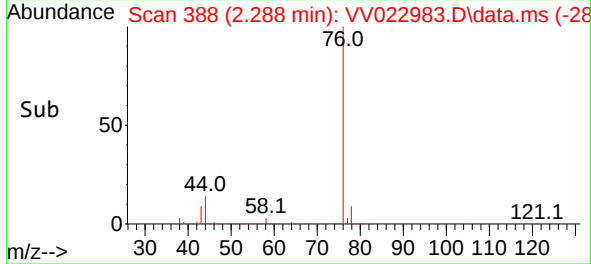
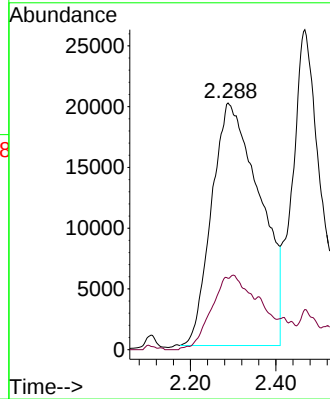
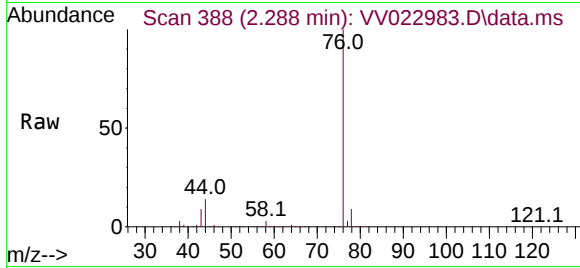
ClientSampleId :

Tgt Ion: 43 Resp: 156458

Ion Ratio Lower Upper

43 100

58 10.9 0.0 55.4



#14

Carbon disulfide

Concen: 16.529 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.019 min

Lab File: VV022983.D

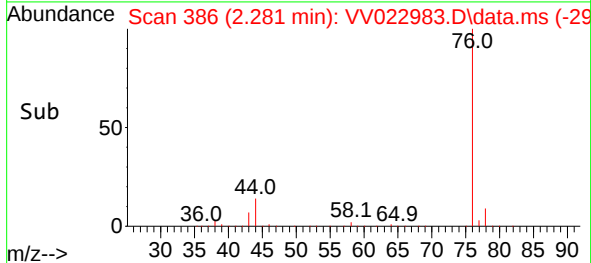
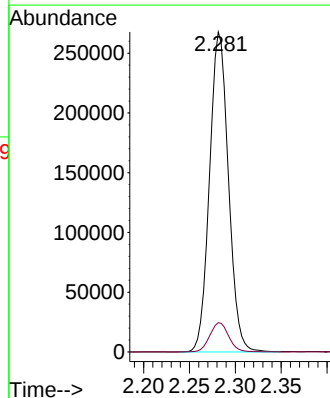
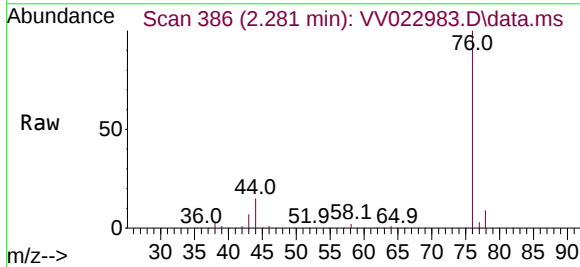
Acq: 22 Oct 2021 11:47

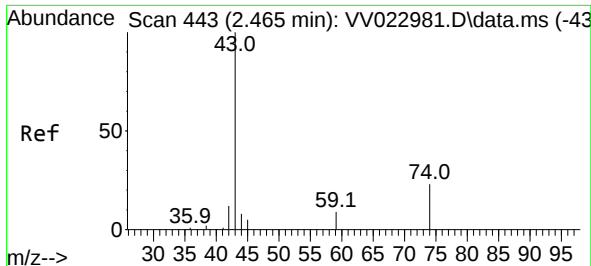
Tgt Ion: 76 Resp: 383828

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

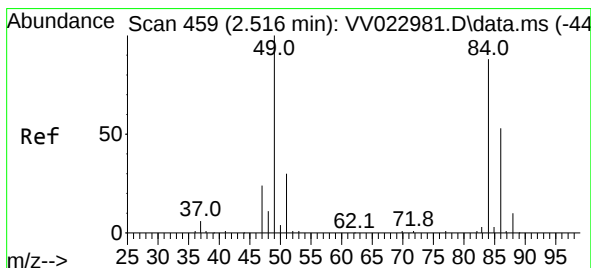
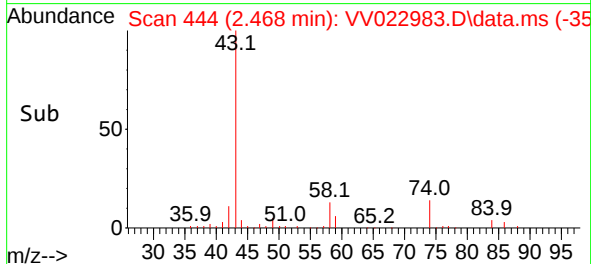
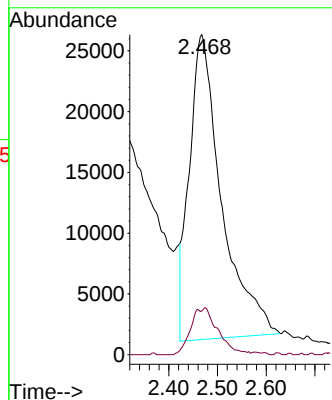
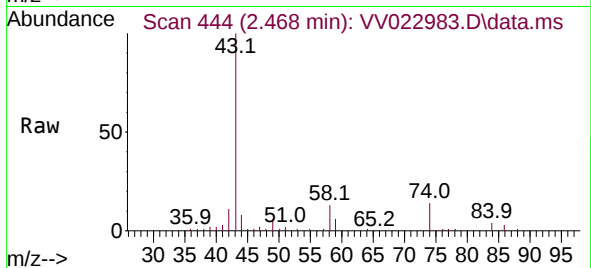




#15
Methyl Acetate
Concen: 31.479 ug/L
RT: 2.468 min Scan# 44
Delta R.T. 0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

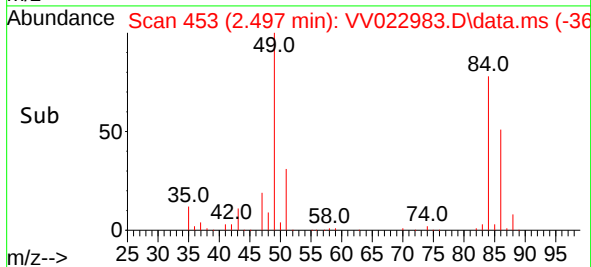
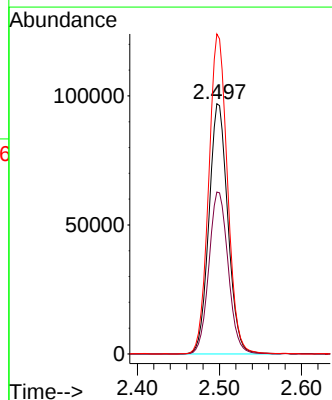
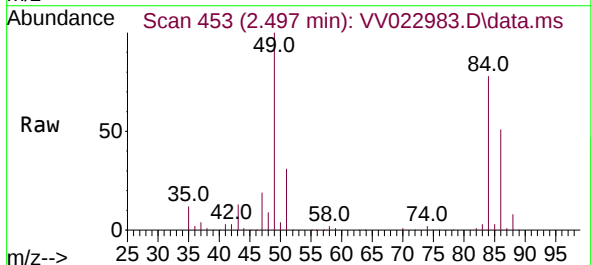
Instrument :
MSVOA_V
ClientSampleId :

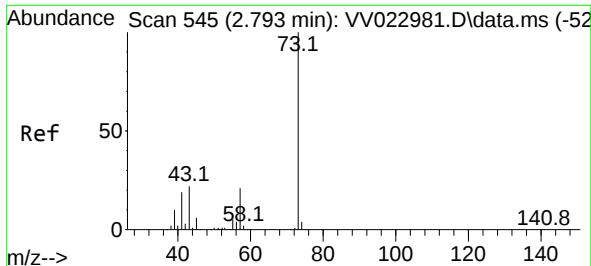
Tgt Ion: 43 Resp: 115554
Ion Ratio Lower Upper
43 100
74 5.0 22.2 33.2#



#16
Methylene chloride
Concen: 14.083 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.019 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion: 84 Resp: 155779
Ion Ratio Lower Upper
84 100
86 64.7 42.3 78.5
49 127.9 79.7 148.1

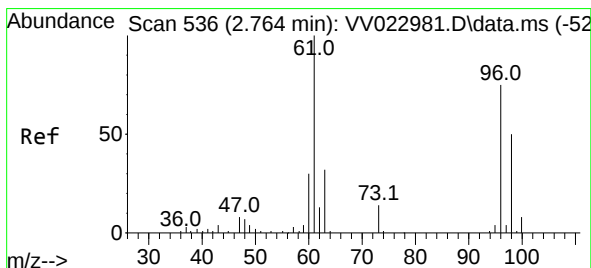
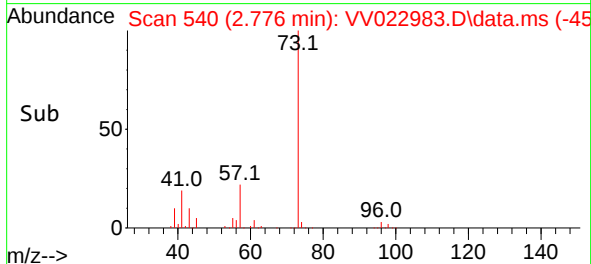
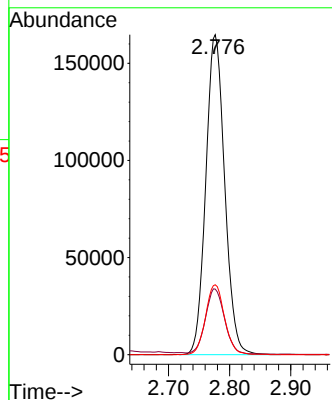
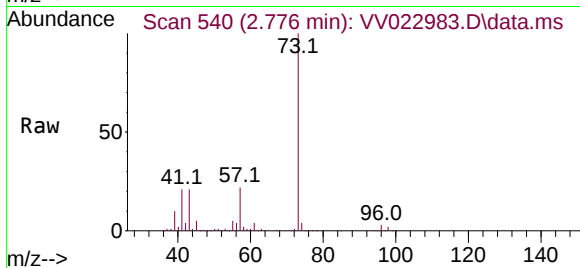




#17
Methyl tert-butyl Ether
Concen: 18.351 ug/L
RT: 2.776 min Scan# 54
Delta R.T. -0.016 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

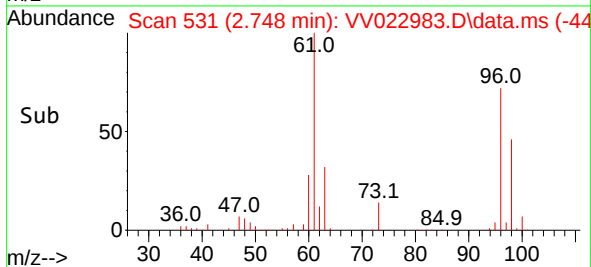
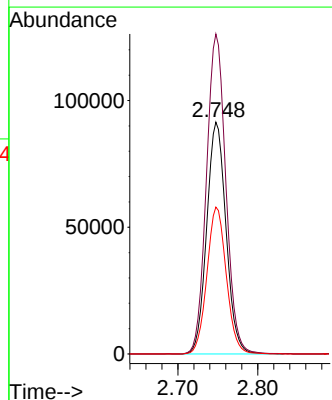
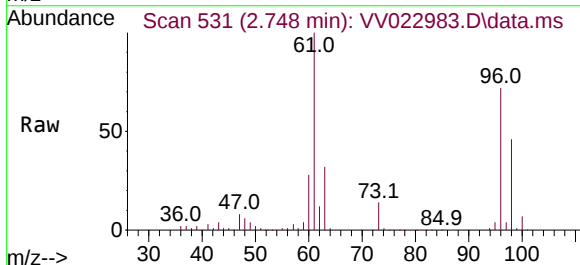
Instrument :
MSVOA_V
ClientSampleId :

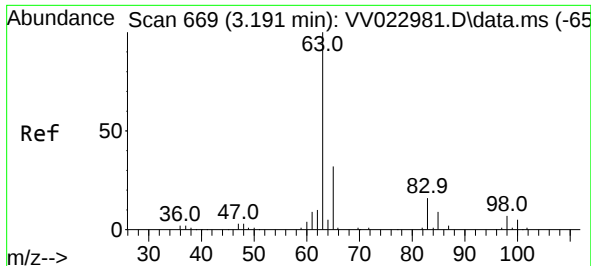
Tgt Ion: 73 Resp: 354218
Ion Ratio Lower Upper
73 100
43 20.7 17.4 26.0
57 21.8 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 17.578 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.016 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion: 96 Resp: 153784
Ion Ratio Lower Upper
96 100
61 138.0 93.2 173.2
98 63.4 47.0 87.2





#19

1,1-Dichloroethane

Concen: 15.072 ug/L

RT: 3.182 min Scan# 60

Delta R.T. -0.010 min

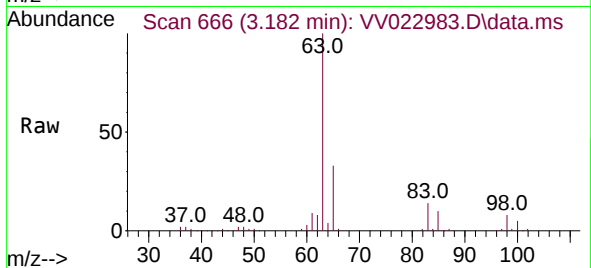
Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

ClientSampleId :



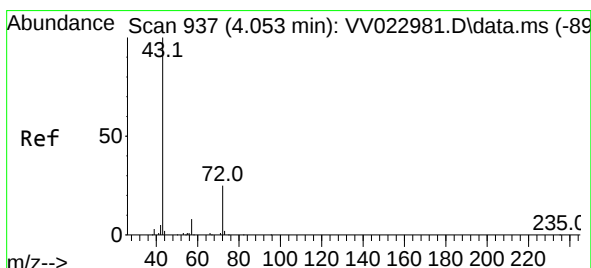
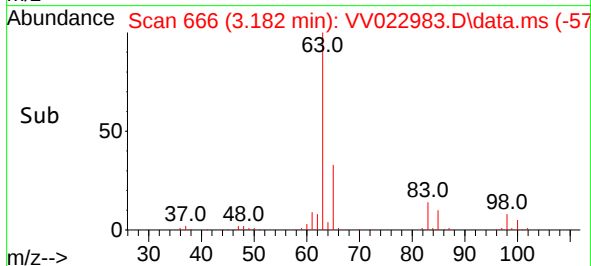
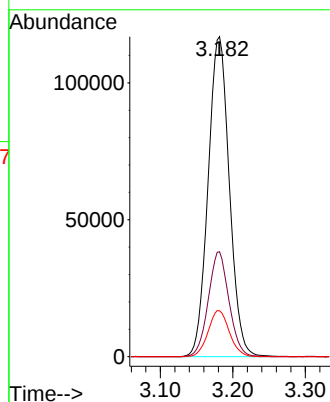
Tgt Ion: 63 Resp: 237928

Ion Ratio Lower Upper

63 100

65 32.8 22.6 42.0

83 14.3 11.1 20.7



#21

2-Butanone

Concen: 184.127 ug/L

RT: 4.069 min Scan# 942

Delta R.T. 0.016 min

Lab File: VV022983.D

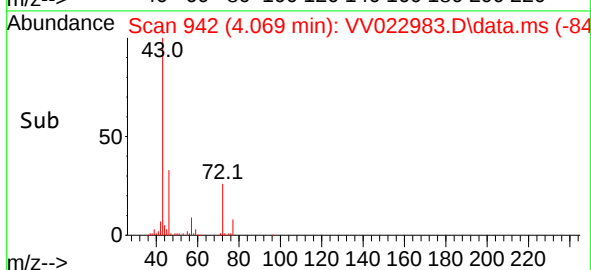
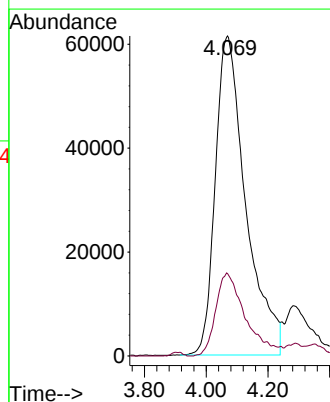
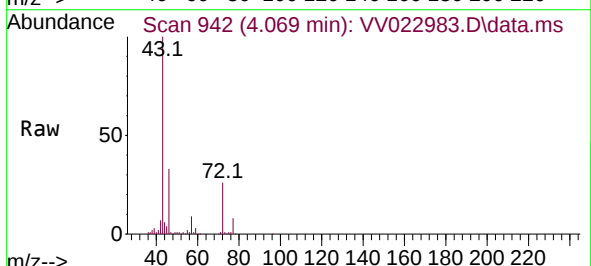
Acq: 22 Oct 2021 11:47

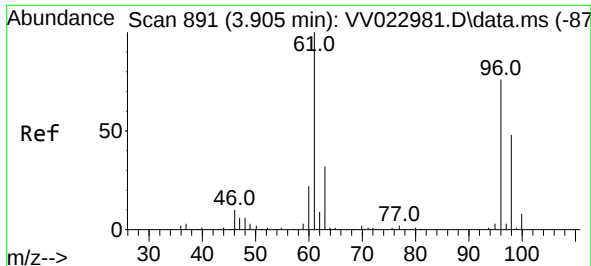
Tgt Ion: 43 Resp: 421002

Ion Ratio Lower Upper

43 100

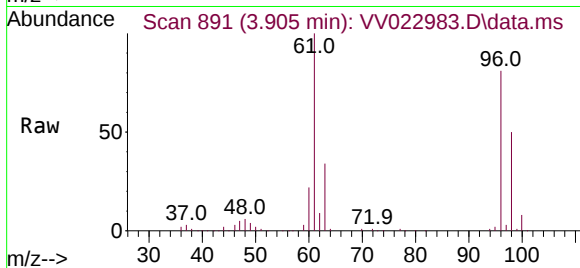
72 23.9 11.9 35.9



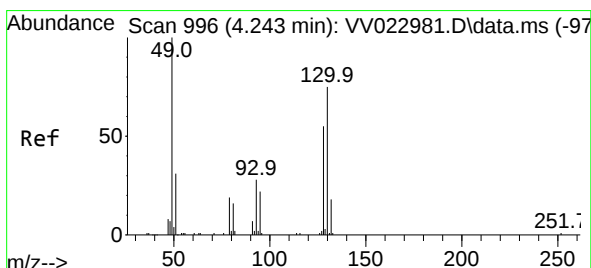
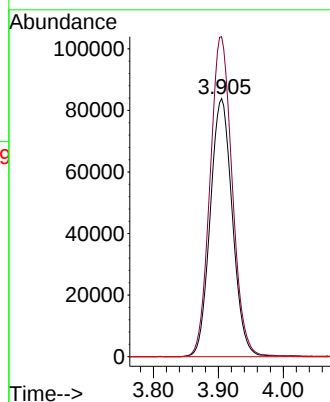
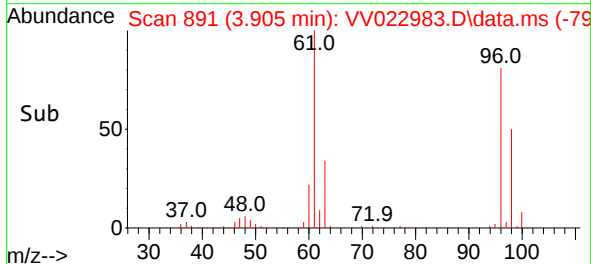


#22
 cis-1,2-Dichloroethene
 Concen: 20.430 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV022983.D
 Acq: 22 Oct 2021 11:47

Instrument :
 MSVOA_V
 ClientSampleId :

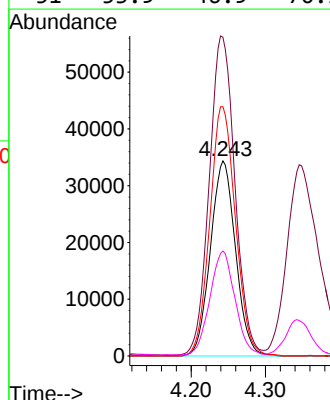
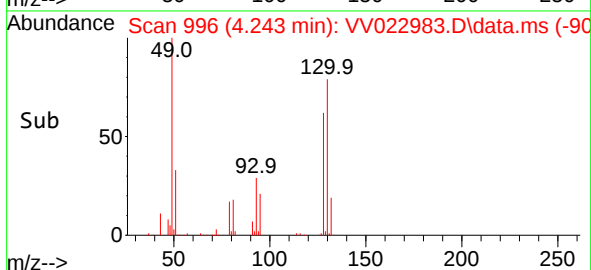
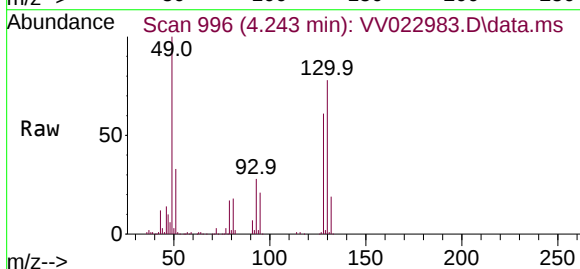


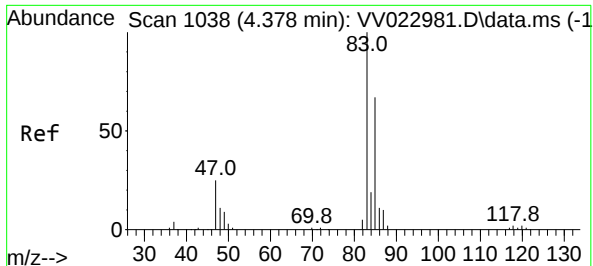
Tgt Ion: 96 Resp: 197892
 Ion Ratio Lower Upper
 96 100
 61 124.0 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 18.991 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV022983.D
 Acq: 22 Oct 2021 11:47

Tgt Ion: 128 Resp: 80827
 Ion Ratio Lower Upper
 128 100
 49 163.4 126.1 234.3
 130 127.8 95.2 176.8
 51 53.9 46.9 70.3





#25

Chloroform

Concen: 17.823 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

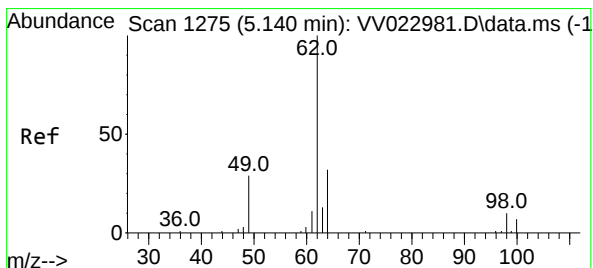
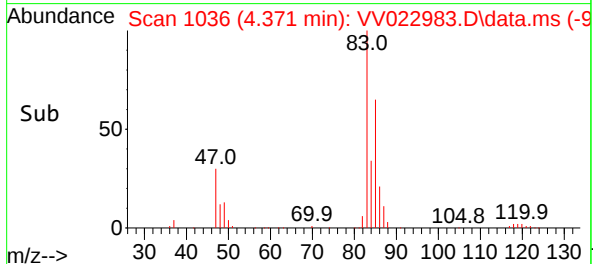
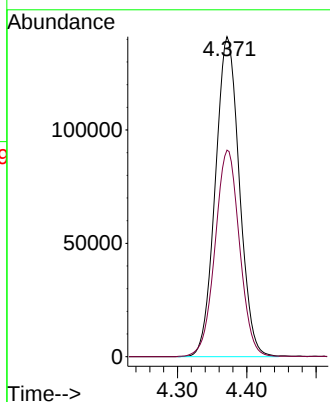
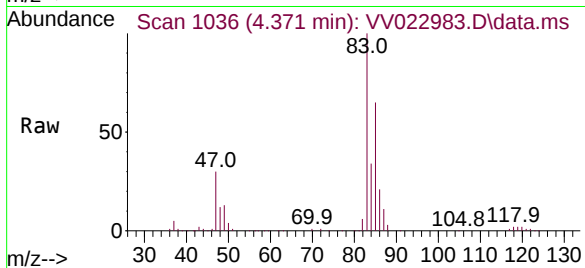
ClientSampleId :

Tgt Ion: 83 Resp: 340377

Ion Ratio Lower Upper

83 100

85 64.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 20.549 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.007 min

Lab File: VV022983.D

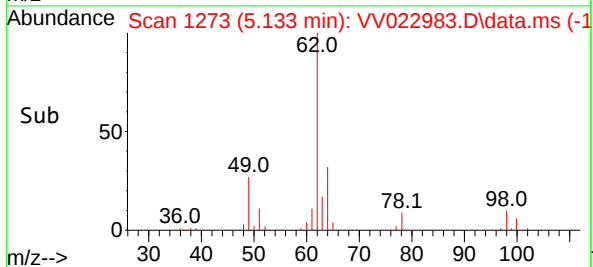
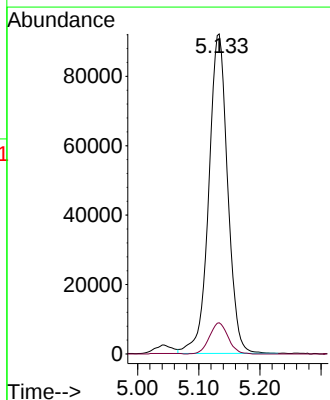
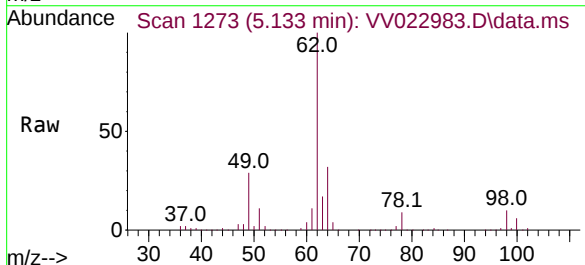
Acq: 22 Oct 2021 11:47

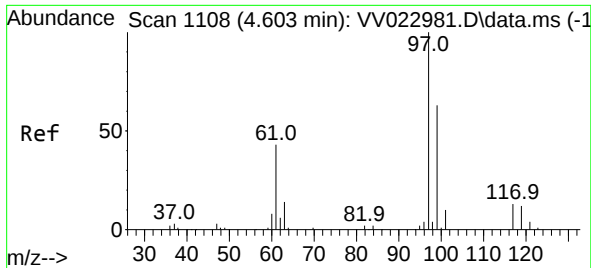
Tgt Ion: 62 Resp: 197456

Ion Ratio Lower Upper

62 100

98 9.7 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 18.849 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

ClientSampleId :

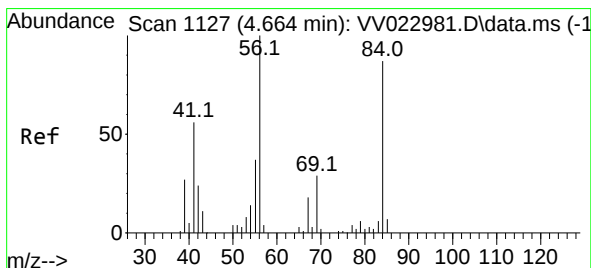
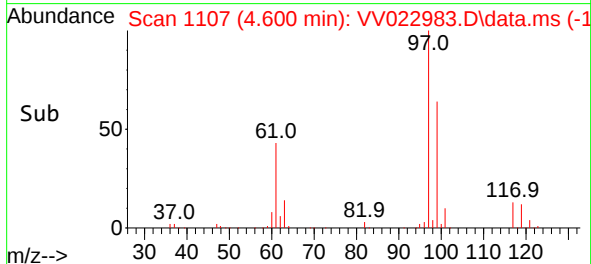
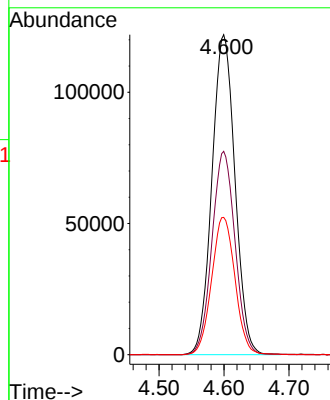
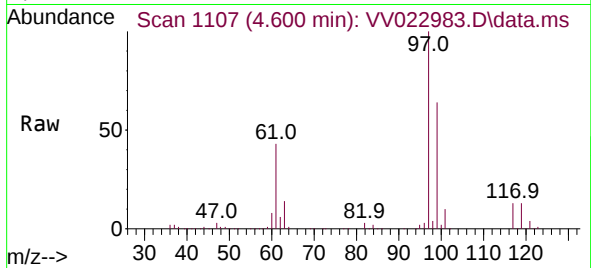
Tgt Ion: 97 Resp: 300234

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 43.6 34.1 51.1



#30

Cyclohexane

Concen: 19.593 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.003 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

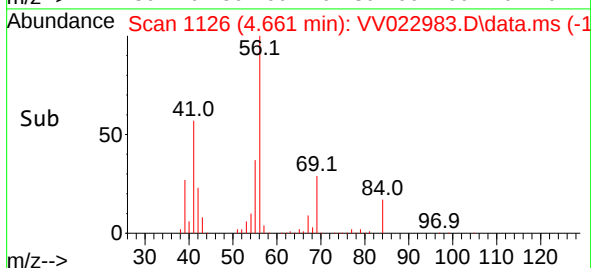
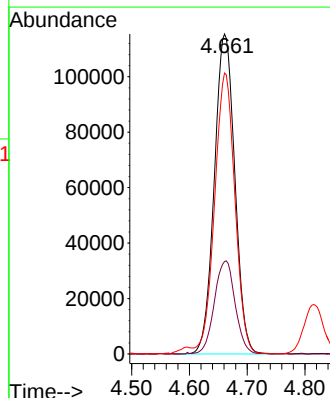
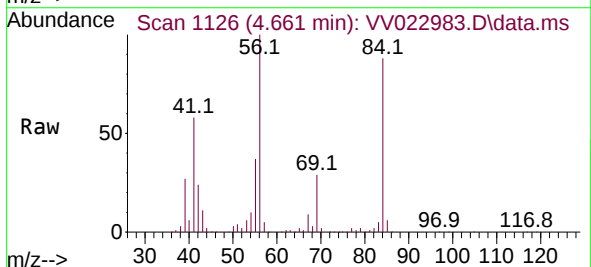
Tgt Ion: 56 Resp: 284759

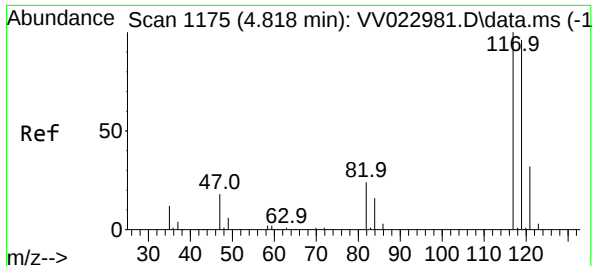
Ion Ratio Lower Upper

56 100

69 29.5 23.5 35.3

84 87.0 71.6 107.4

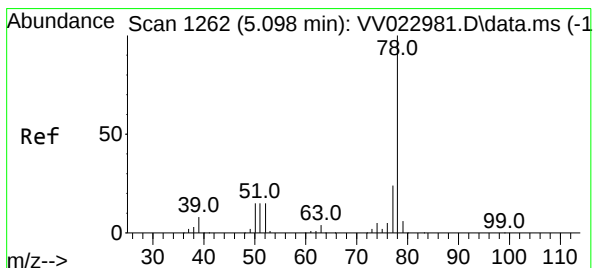
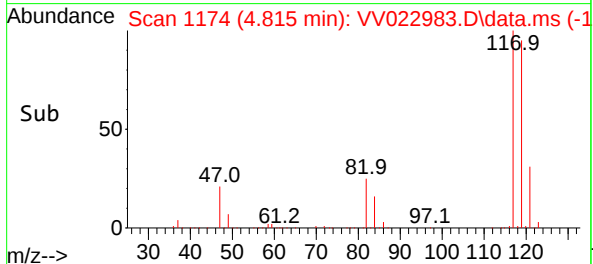
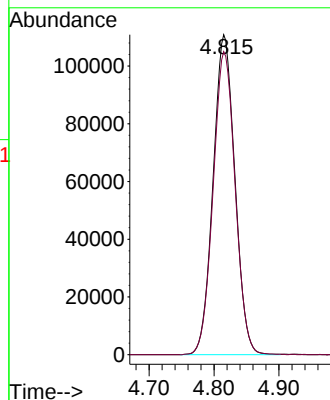
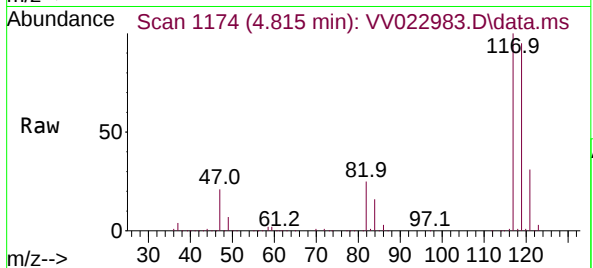




#31
Carbon tetrachloride
Concen: 18.711 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

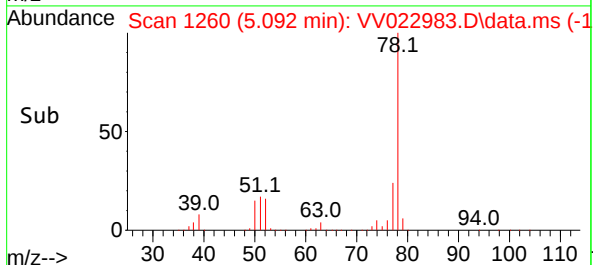
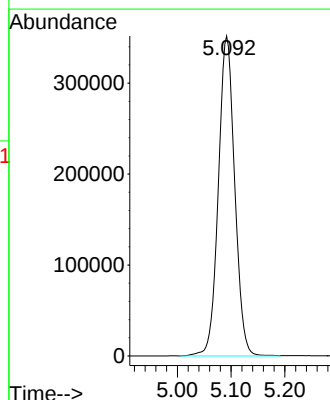
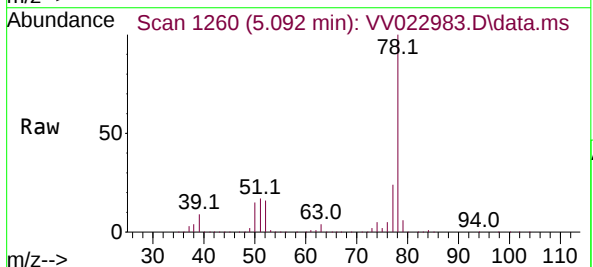
Instrument :
MSVOA_V
ClientSampleId :

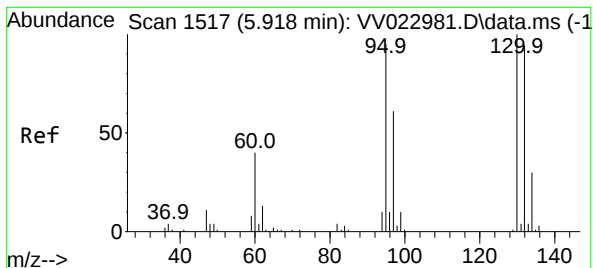
Tgt Ion:117 Resp: 257752
Ion Ratio Lower Upper
117 100
119 95.9 78.8 118.2



#33
Benzene
Concen: 19.811 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.007 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion: 78 Resp: 743909





#34

Trichloroethene

Concen: 18.583 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 187633

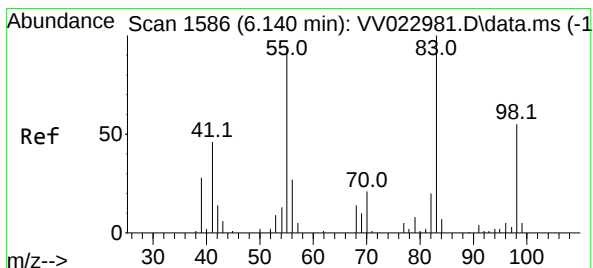
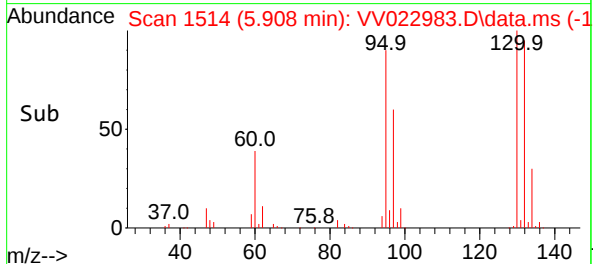
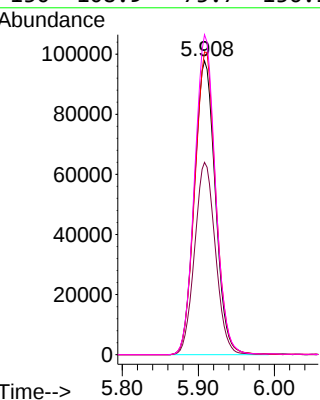
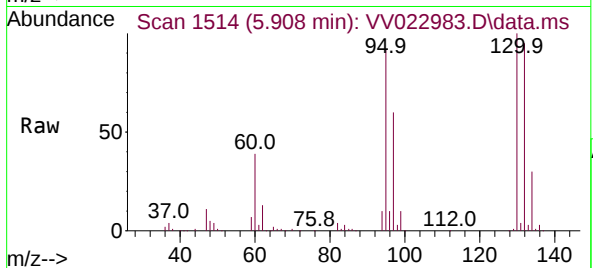
Ion Ratio Lower Upper

95 100

97 65.5 45.0 83.6

132 103.1 69.7 129.4

130 108.9 73.7 136.9



#35

Methylcyclohexane

Concen: 21.590 ug/L

RT: 6.120 min Scan# 1580

Delta R.T. -0.019 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

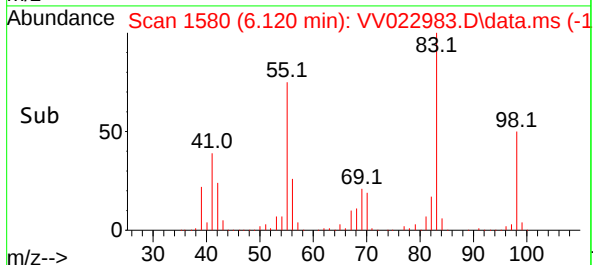
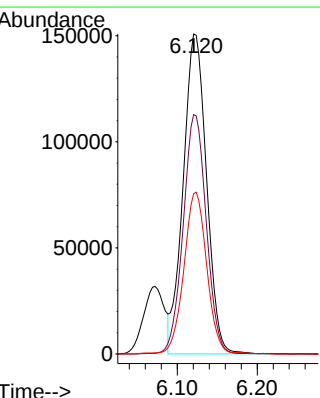
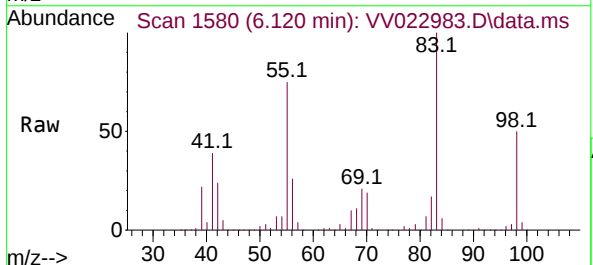
Tgt Ion: 83 Resp: 306177

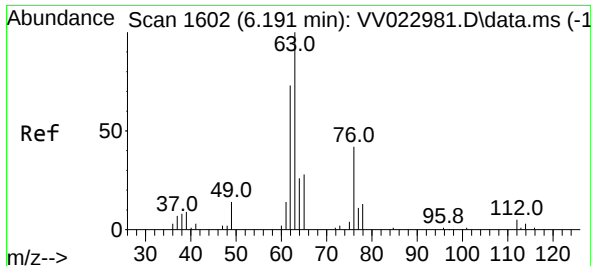
Ion Ratio Lower Upper

83 100

55 74.3 62.8 94.2

98 49.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 21.225 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.016 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

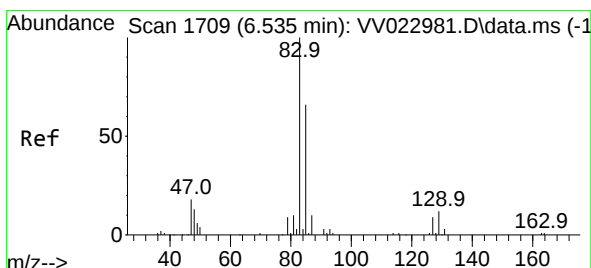
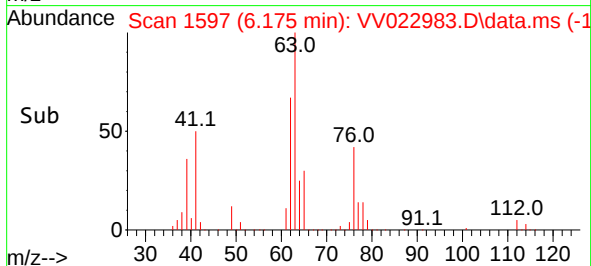
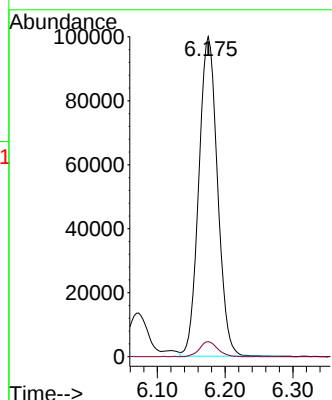
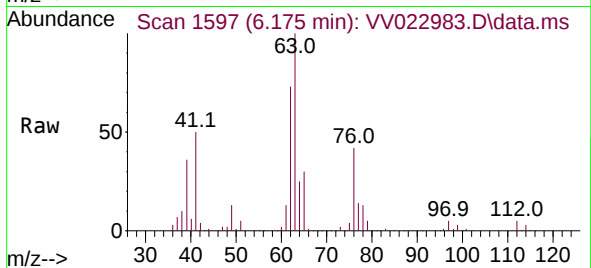
ClientSampleId :

Tgt Ion: 63 Resp: 191587

Ion Ratio Lower Upper

63 100

112 4.6 4.6 6.8



#38

Bromodichloromethane

Concen: 21.268 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.026 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

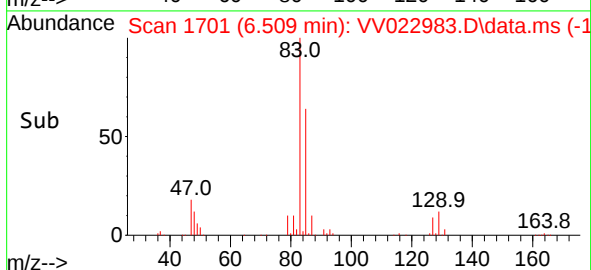
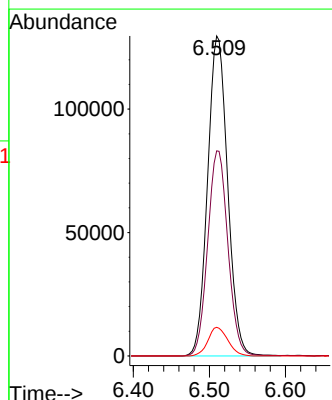
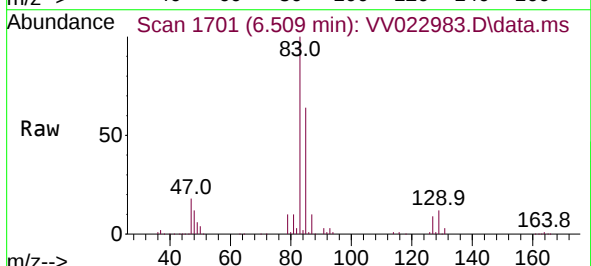
Tgt Ion: 83 Resp: 237574

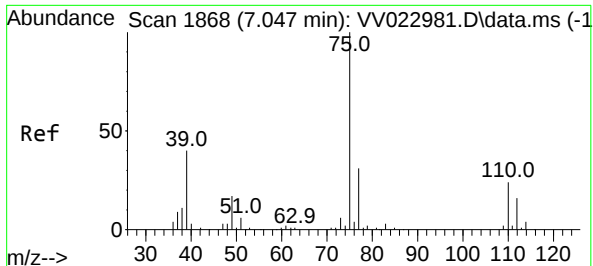
Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.7

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 23.134 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.019 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

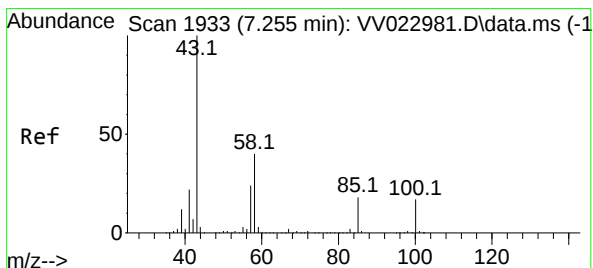
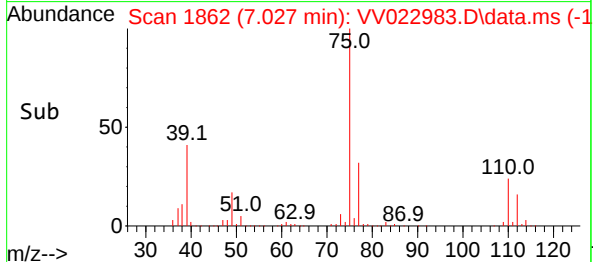
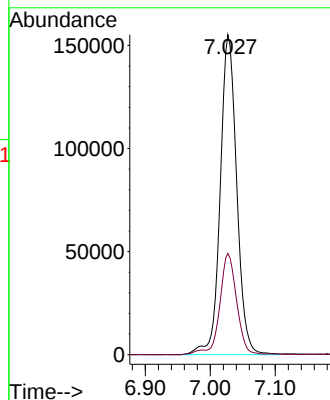
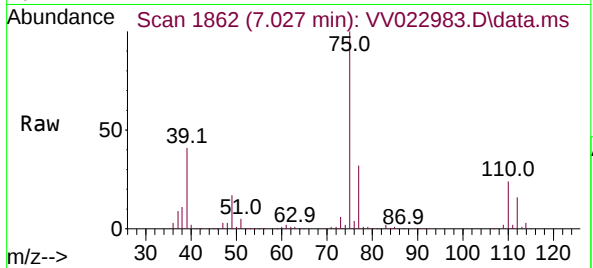
ClientSampleId :

Tgt Ion: 75 Resp: 273294

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 229.397 ug/L

RT: 7.246 min Scan# 1930

Delta R.T. -0.010 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

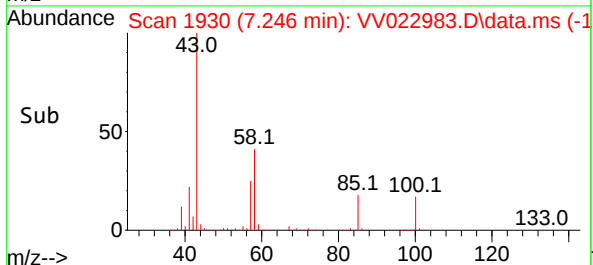
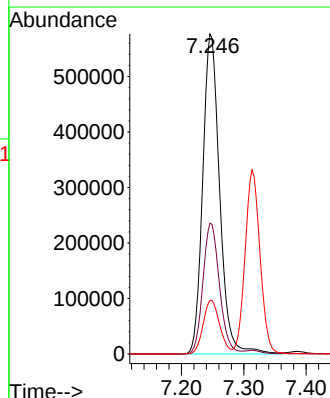
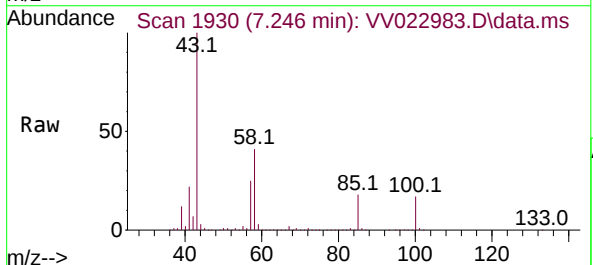
Tgt Ion: 43 Resp: 1088697

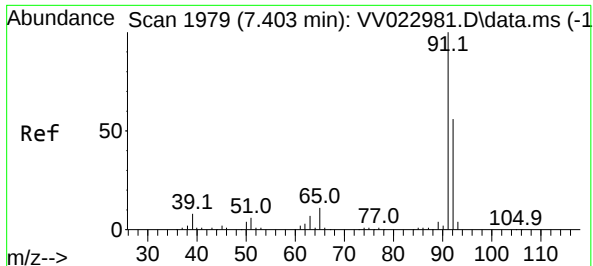
Ion Ratio Lower Upper

43 100

58 40.0 31.1 46.7

100 16.4 12.6 19.0





#42

Toluene

Concen: 21.966 ug/L

RT: 7.387 min Scan# 1979

Delta R.T. -0.016 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

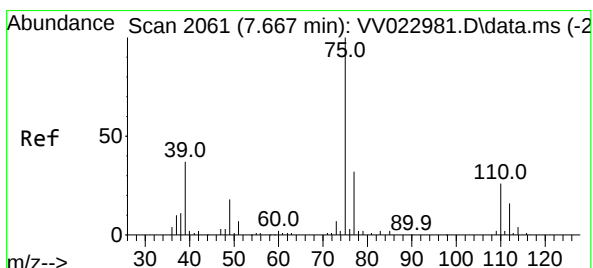
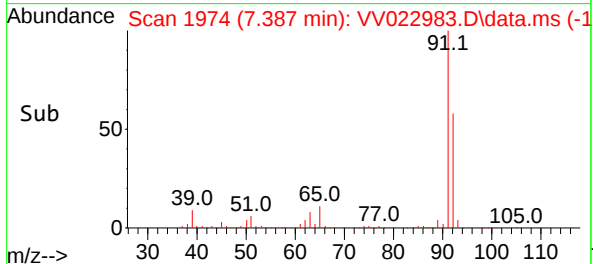
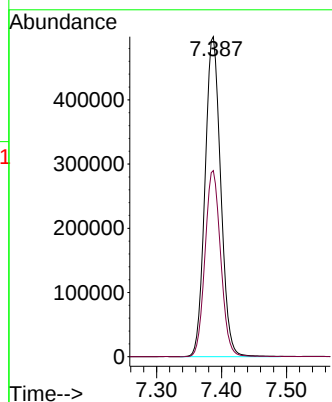
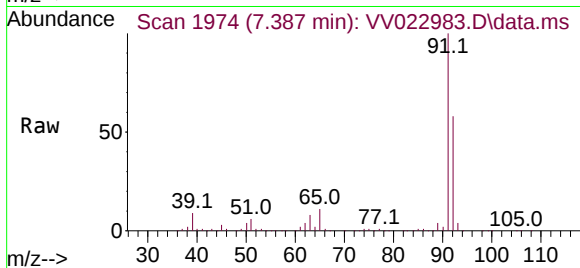
ClientSampleId :

Tgt Ion: 91 Resp: 839055

Ion Ratio Lower Upper

91 100

92 58.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 23.392 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.016 min

Lab File: VV022983.D

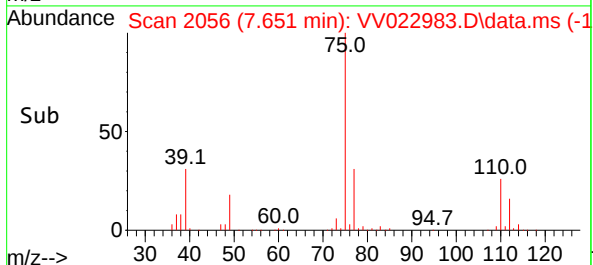
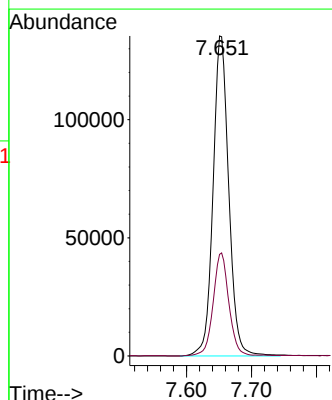
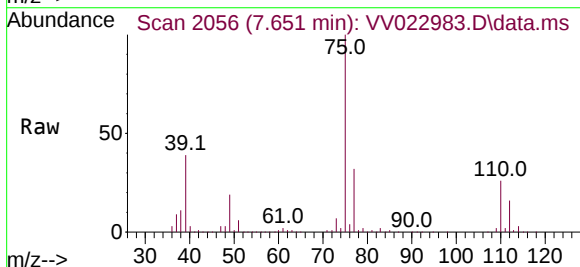
Acq: 22 Oct 2021 11:47

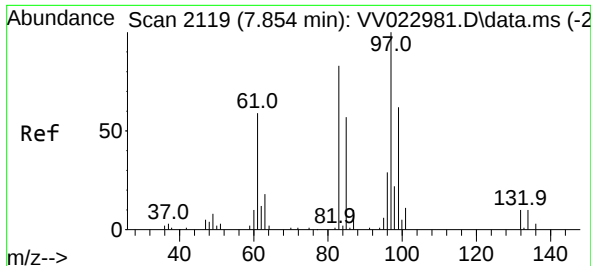
Tgt Ion: 75 Resp: 227063

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 19.979 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.013 min

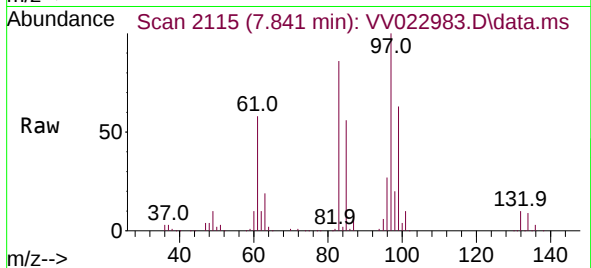
Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 132945

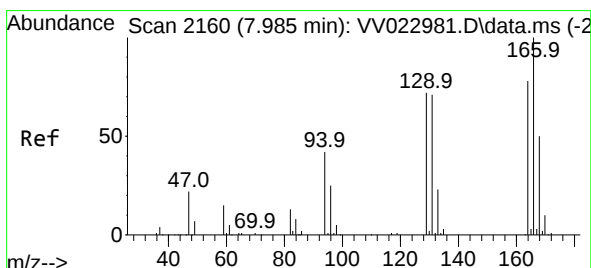
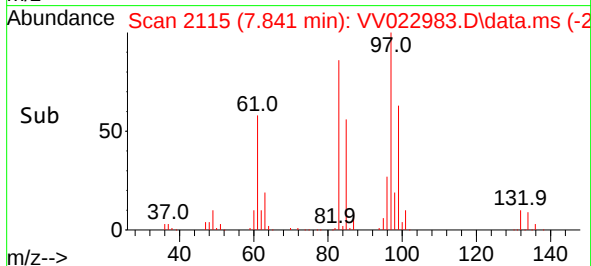
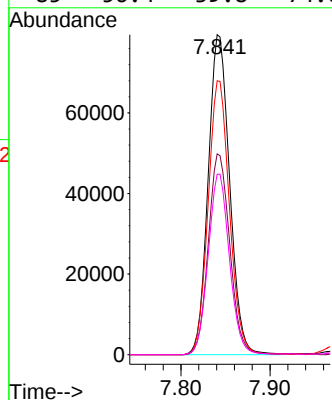
Ion Ratio Lower Upper

97 100

99 62.7 43.6 81.0

83 85.6 58.4 108.4

85 56.4 39.8 74.0



#47

Tetrachloroethene

Concen: 19.570 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.013 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Tgt Ion: 164 Resp: 160568

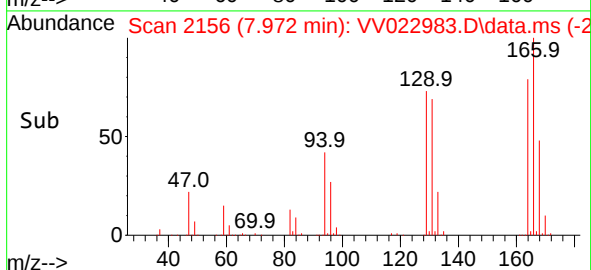
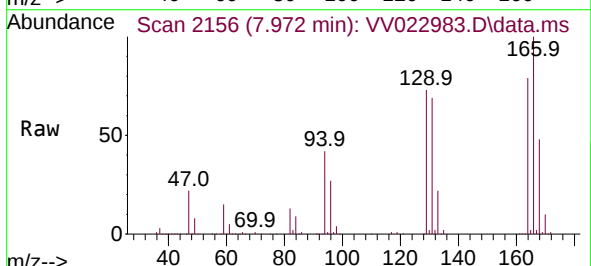
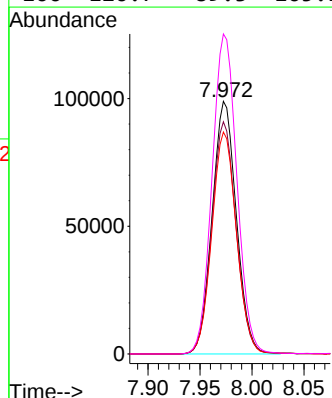
Ion Ratio Lower Upper

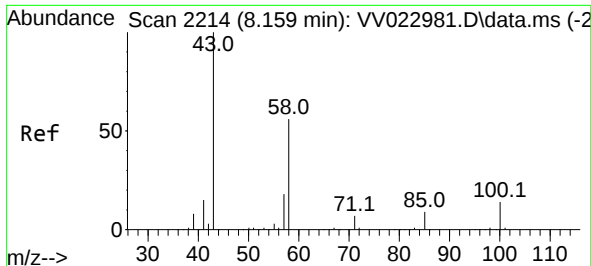
164 100

129 91.9 64.0 119.0

131 87.8 63.4 117.8

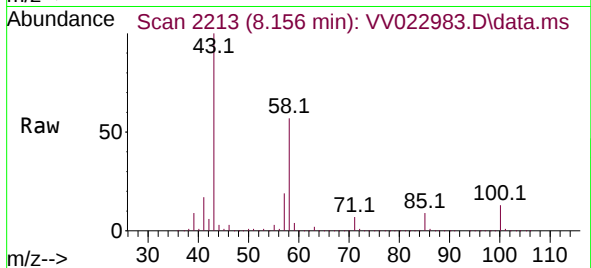
166 126.7 89.3 165.9



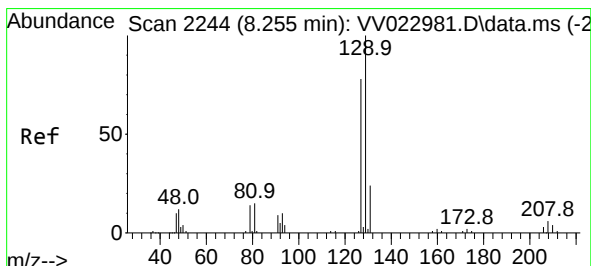
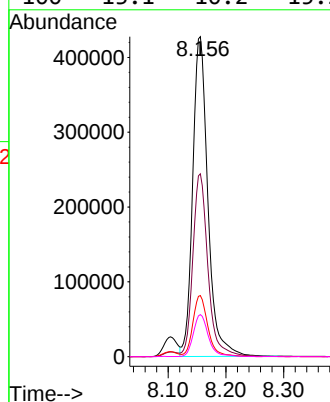
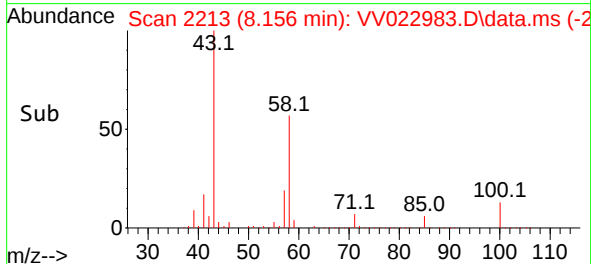


#48
2-Hexanone
Concen: 225.174 ug/L
RT: 8.156 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Instrument :
MSVOA_V
ClientSampleId :

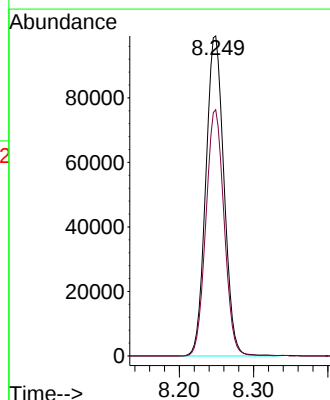
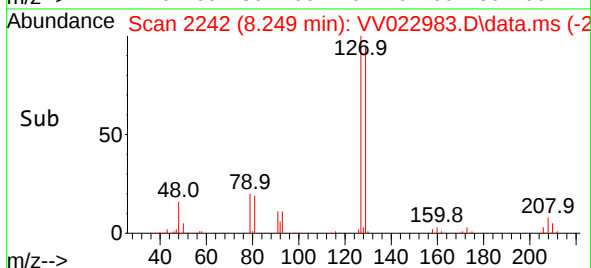
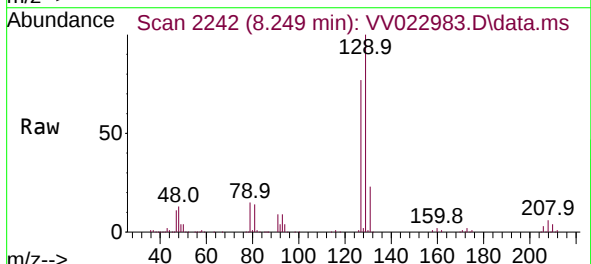


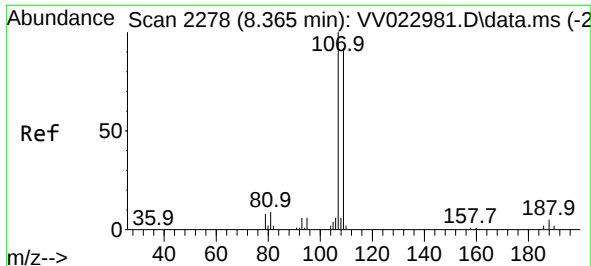
Tgt Ion: 43 Resp: 781413
Ion Ratio Lower Upper
43 100
58 56.7 43.7 65.5
57 18.8 14.1 21.1
100 13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 21.532 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.007 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

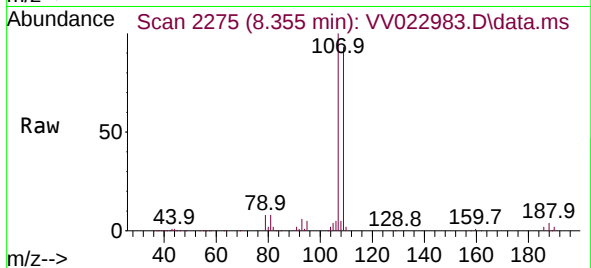
Tgt Ion:129 Resp: 168062
Ion Ratio Lower Upper
129 100
127 77.0 54.7 101.7



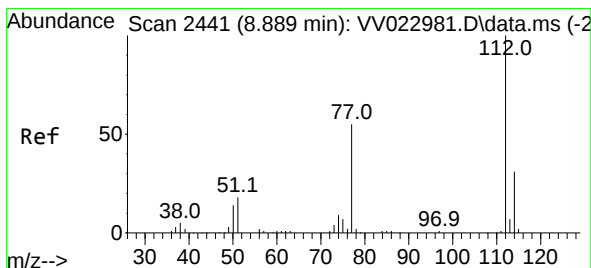
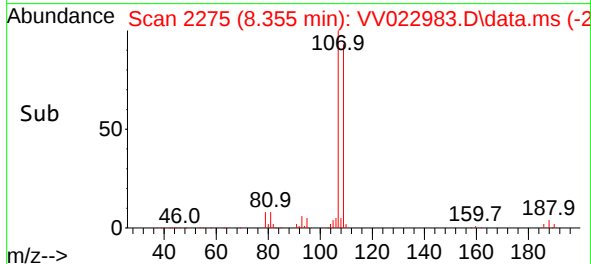
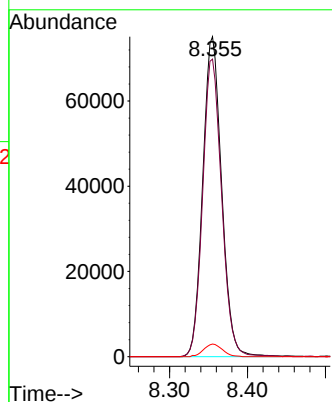


#50
1,2-Dibromoethane
Concen: 20.492 ug/L
RT: 8.355 min Scan# 21
Delta R.T. -0.010 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Instrument :
MSVOA_V
ClientSampleId :

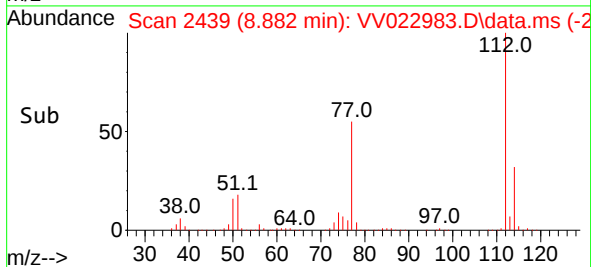
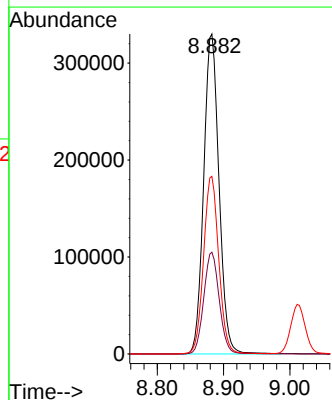
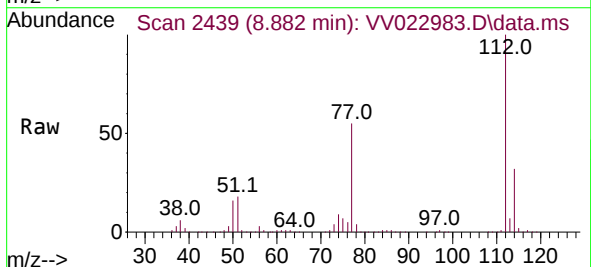


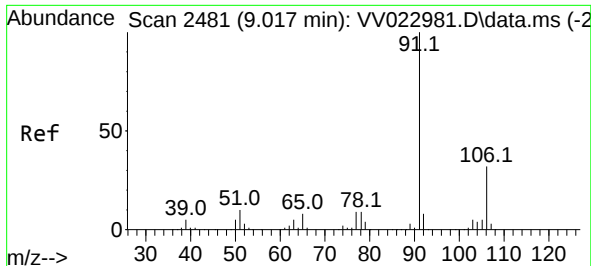
Tgt Ion:107 Resp: 126212
Ion Ratio Lower Upper
107 100
109 93.0 64.7 120.1
188 3.9 3.6 5.4



#51
Chlorobenzene
Concen: 21.257 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.007 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion:112 Resp: 529703
Ion Ratio Lower Upper
112 100
114 31.8 22.0 40.8
77 55.5 44.4 66.6

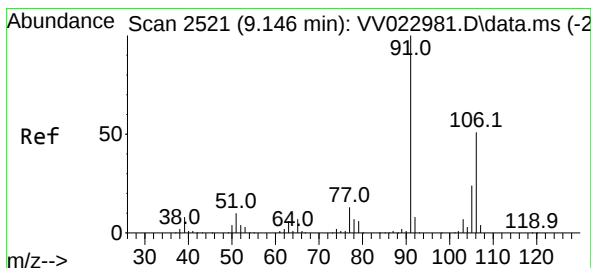
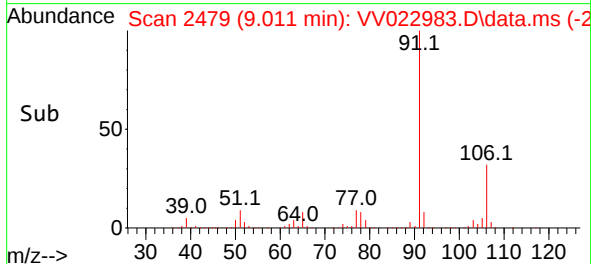
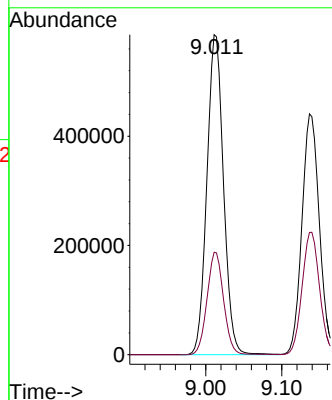
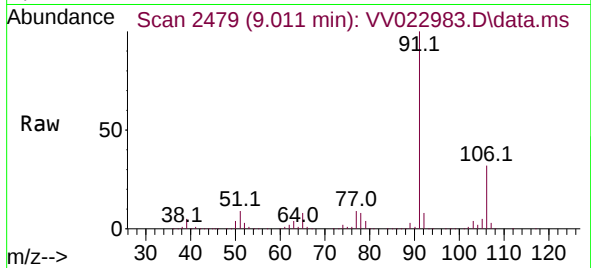




#52
Ethylbenzene
Concen: 23.249 ug/L
RT: 9.011 min Scan# 2481
Delta R.T. -0.007 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

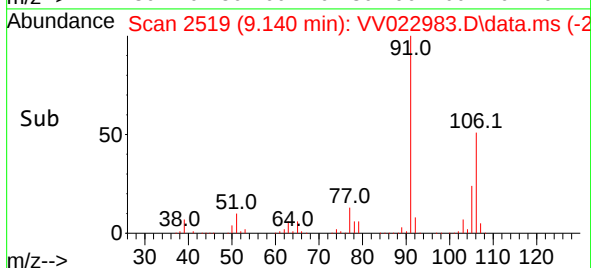
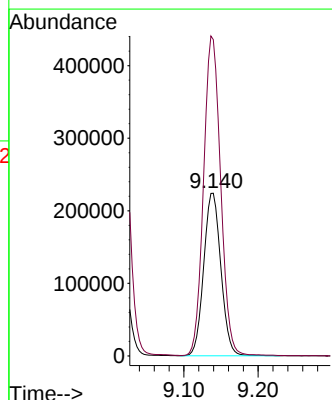
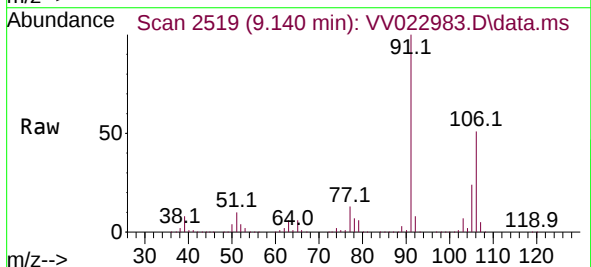
Instrument :
MSVOA_V
ClientSampleId :

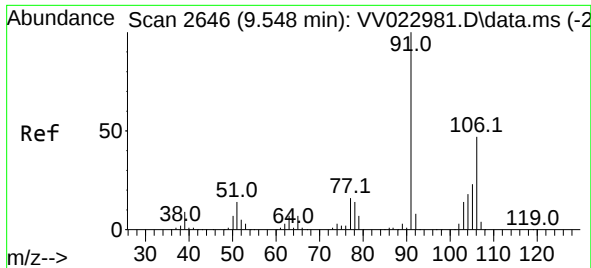
Tgt Ion: 91 Resp: 888873
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.9



#53
m,p-xylene
Concen: 23.740 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.007 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion: 106 Resp: 359580
Ion Ratio Lower Upper
106 100
91 194.4 137.2 254.8

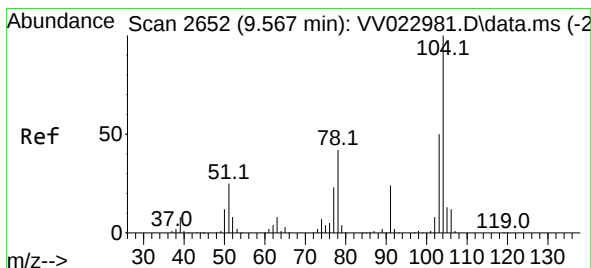
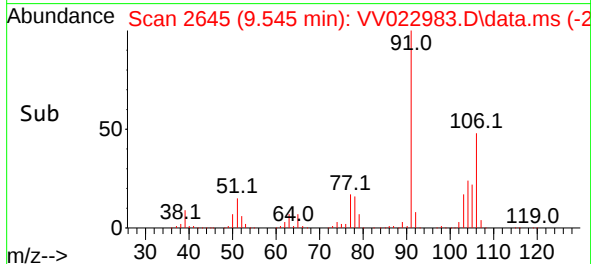
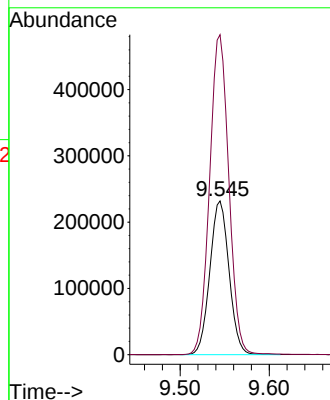
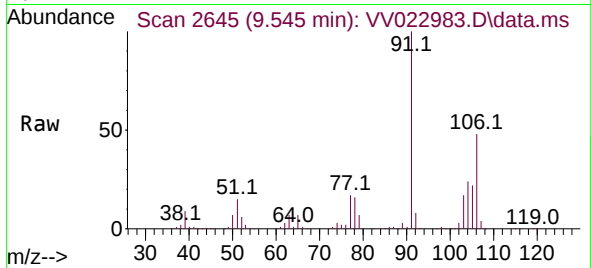




#54
o-xylene
Concen: 24.518 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

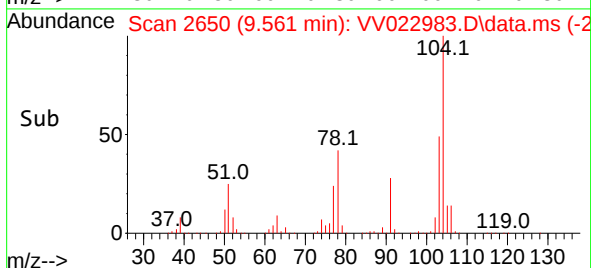
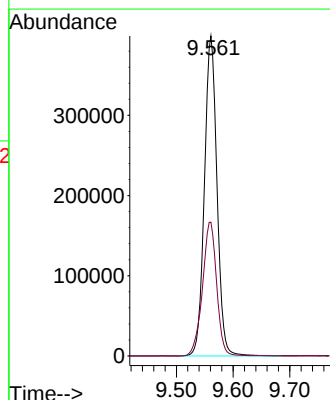
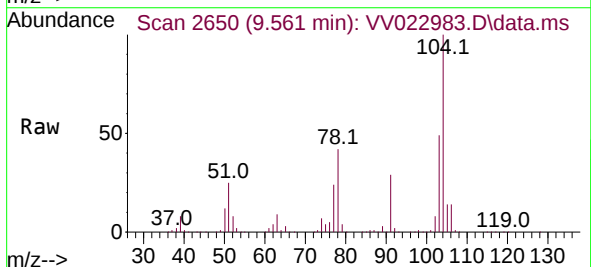
Instrument :
MSVOA_V
ClientSampleId :

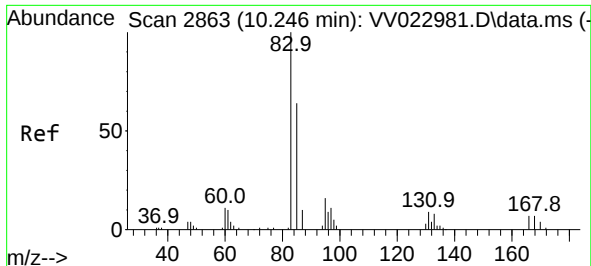
Tgt Ion:106 Resp: 346404
Ion Ratio Lower Upper
106 100
91 208.1 148.3 275.5



#55
Styrene
Concen: 25.238 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.007 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion:104 Resp: 615427
Ion Ratio Lower Upper
104 100
78 41.8 29.3 54.3

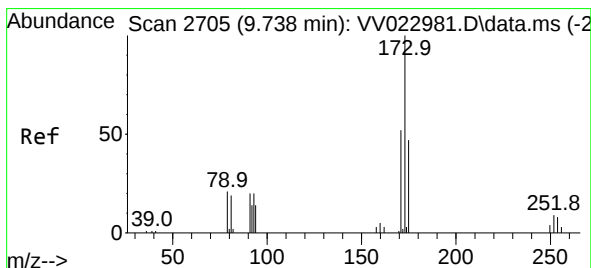
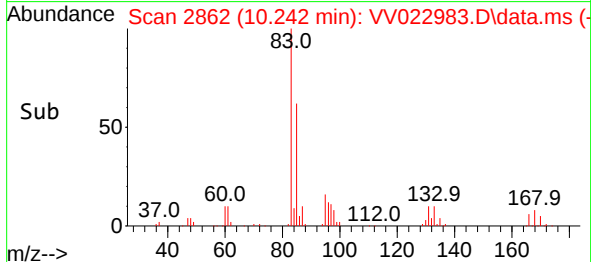
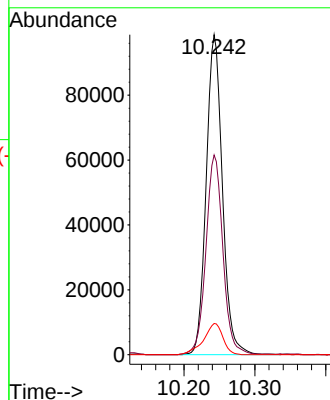
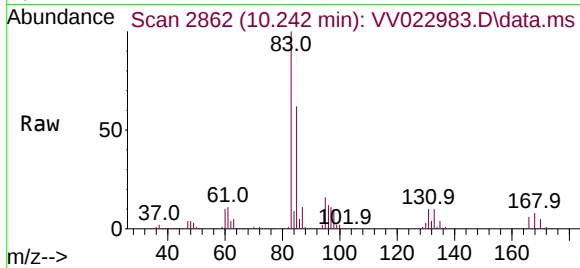




#57
1,1,2,2-Tetrachloroethane
Concen: 23.013 ug/L
RT: 10.242 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

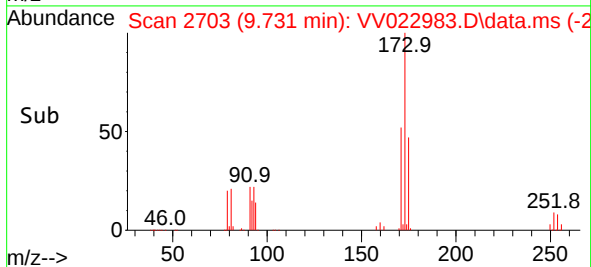
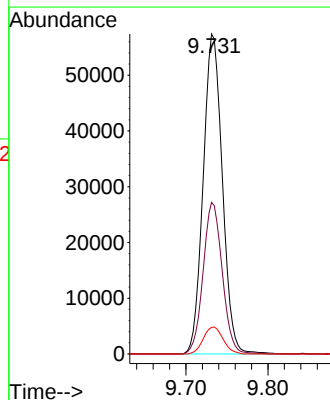
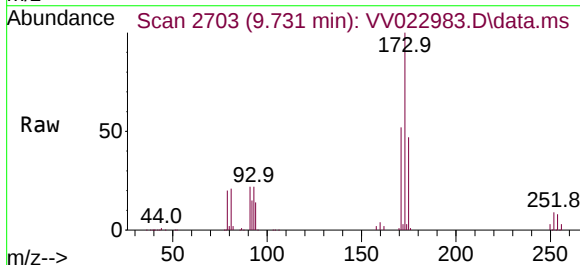
Instrument :
MSVOA_V
ClientSampleId :

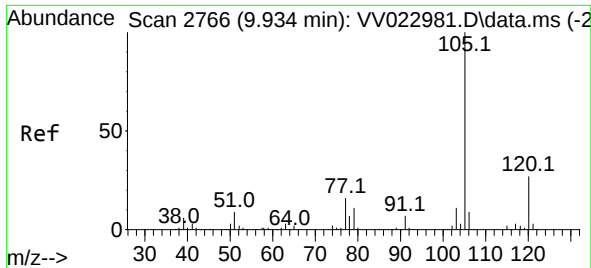
Tgt Ion: 83 Resp: 156613
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.9
131 9.7 7.8 11.6



#59
Bromoform
Concen: 20.395 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.007 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion: 173 Resp: 93302
Ion Ratio Lower Upper
173 100
175 47.2 38.2 57.2
254 8.7 6.2 9.2

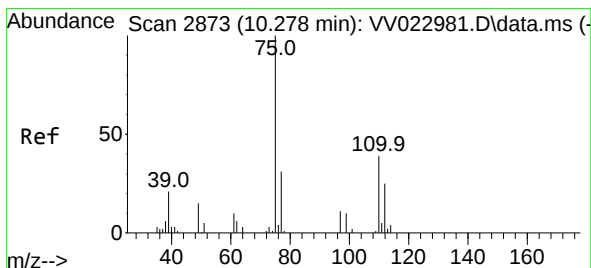
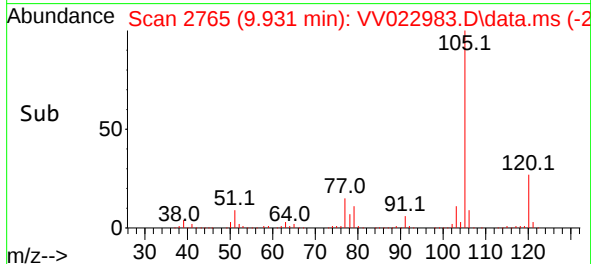
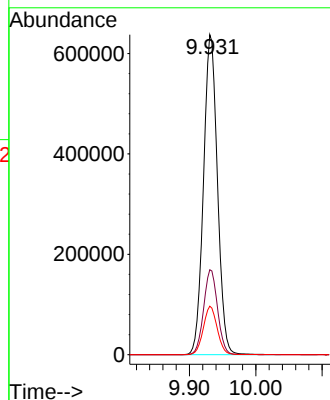
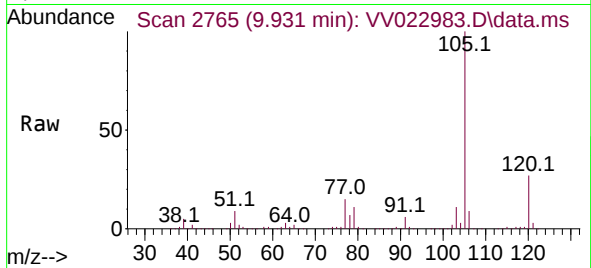




#60
Isopropylbenzene
Concen: 22.523 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

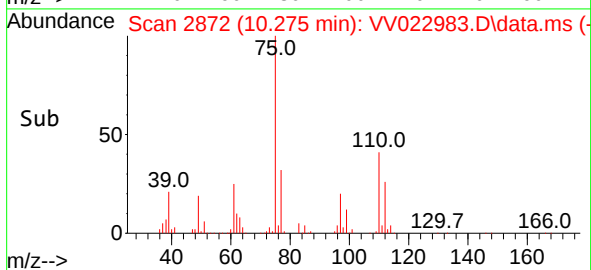
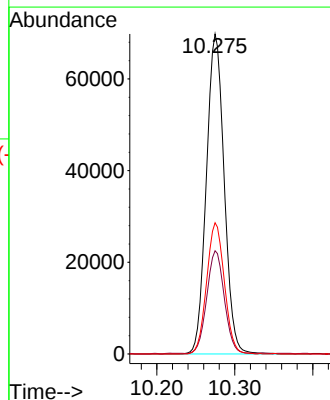
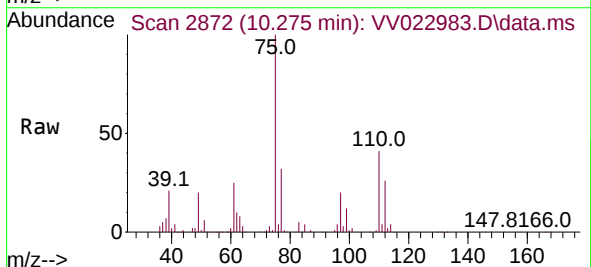
Instrument :
MSVOA_V
ClientSampleId :

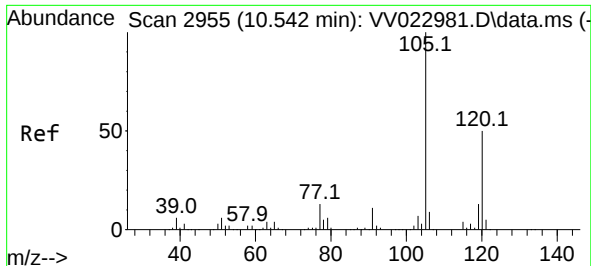
Tgt Ion:105 Resp: 933638
Ion Ratio Lower Upper
105 100
120 26.6 21.7 32.5
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 19.671 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion: 75 Resp: 110827
Ion Ratio Lower Upper
75 100
77 31.6 26.6 39.8
110 40.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 23.895 ug/L

RT: 10.538 min Scan# 2955

Delta R.T. -0.003 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

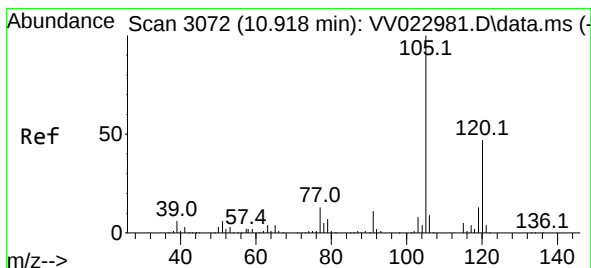
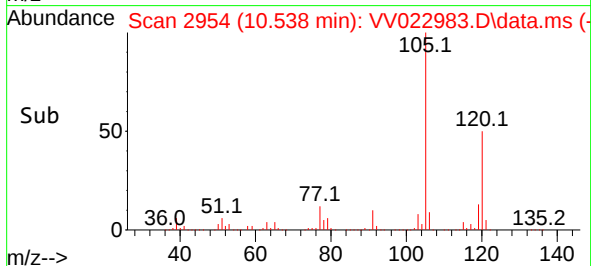
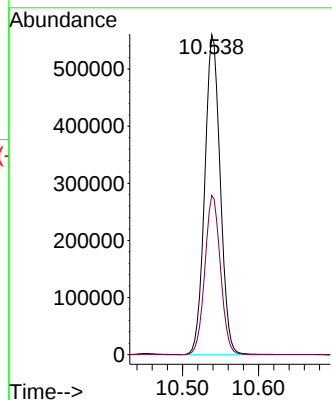
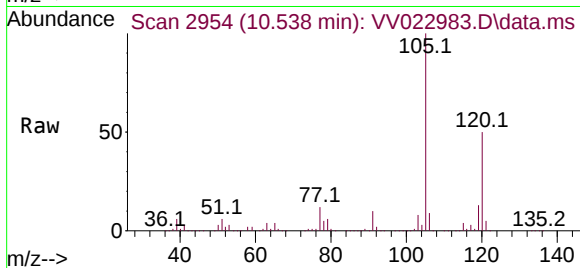
ClientSampleId :

Tgt Ion:105 Resp: 792897

Ion Ratio Lower Upper

105 100

120 50.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 24.562 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.003 min

Lab File: VV022983.D

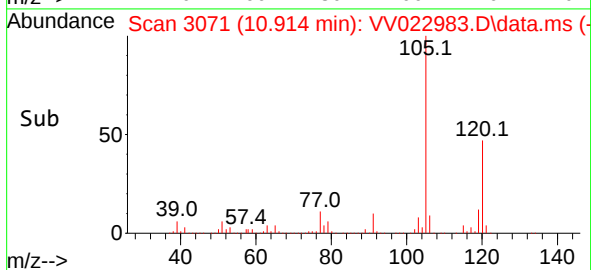
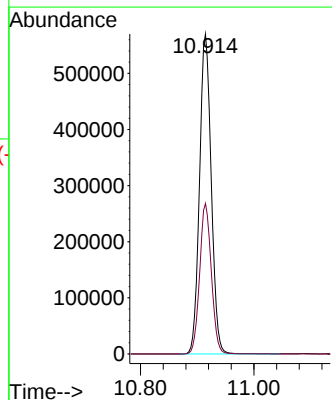
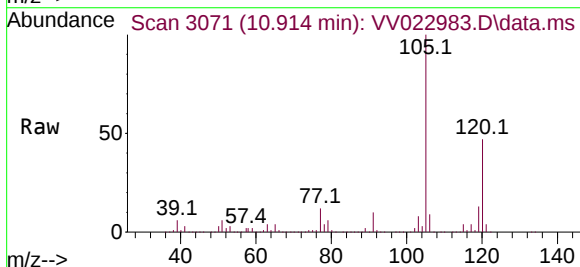
Acq: 22 Oct 2021 11:47

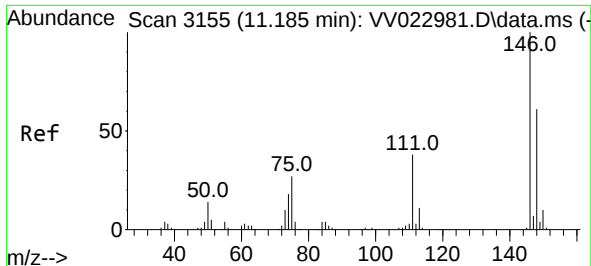
Tgt Ion:105 Resp: 816806

Ion Ratio Lower Upper

105 100

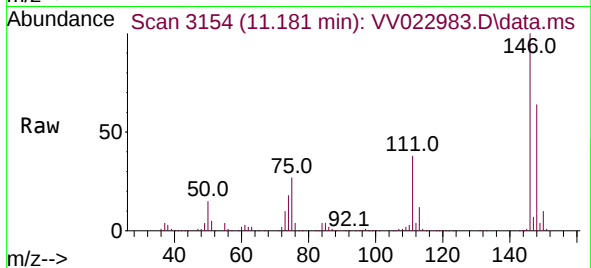
120 46.8 37.4 56.2



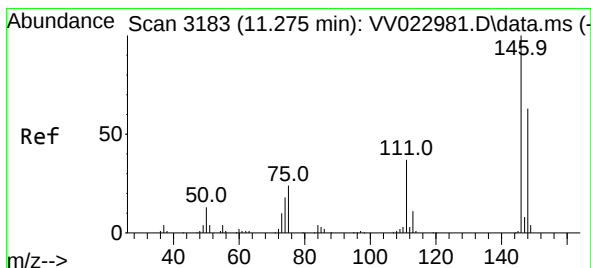
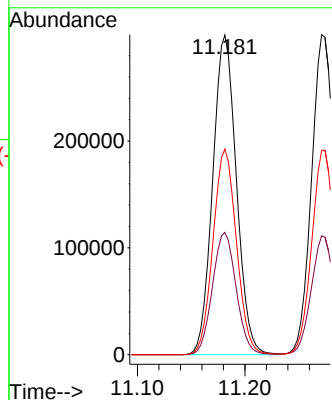
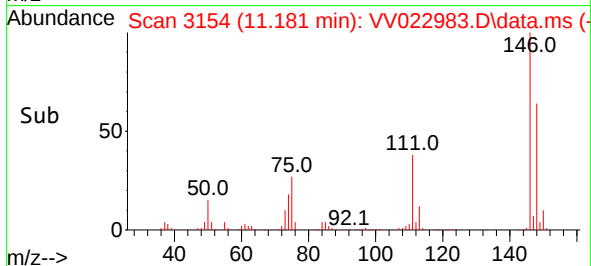


#64
1,3-Dichlorobenzene
Concen: 21.092 ug/L
RT: 11.181 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

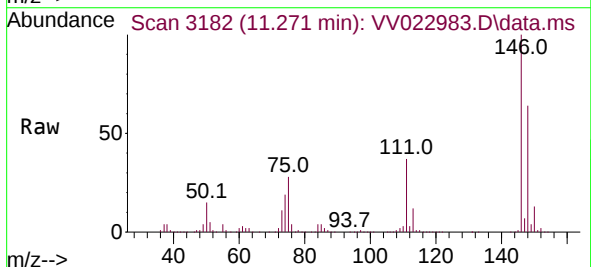
Instrument :
MSVOA_V
ClientSampleId :



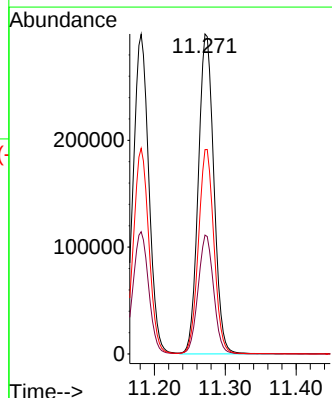
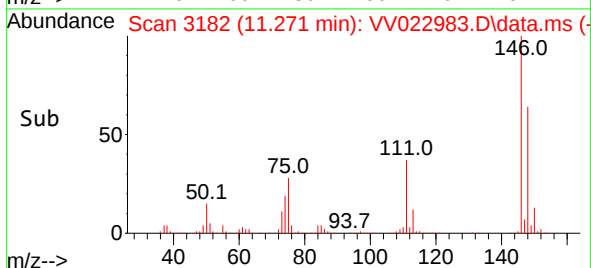
Tgt Ion:146 Resp: 458146
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.3 42.9 79.7

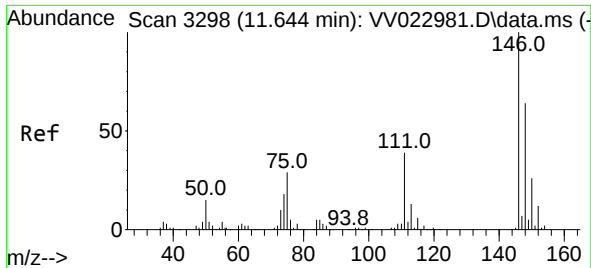


#65
1,4-Dichlorobenzene
Concen: 20.731 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47



Tgt Ion:146 Resp: 456168
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 63.9 44.4 82.5

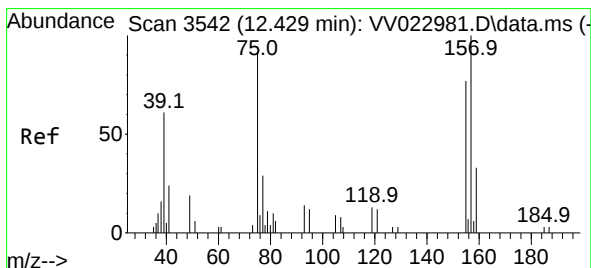
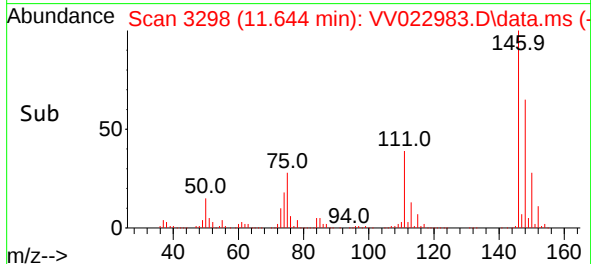
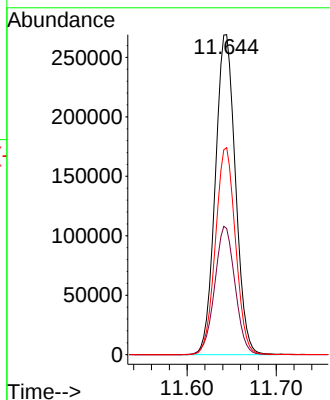
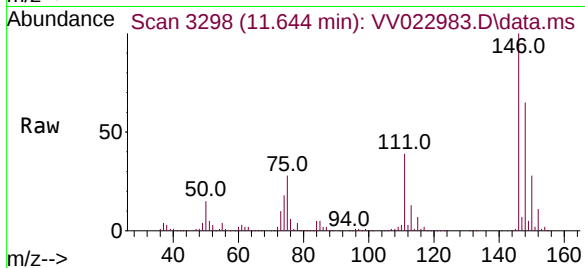




#67
1,2-Dichlorobenzene
Concen: 20.858 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

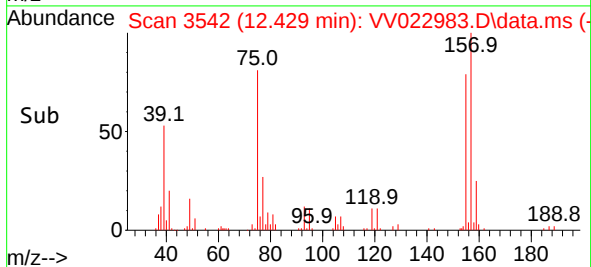
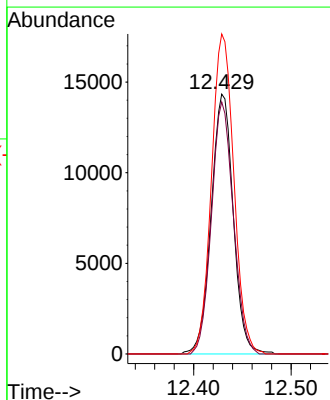
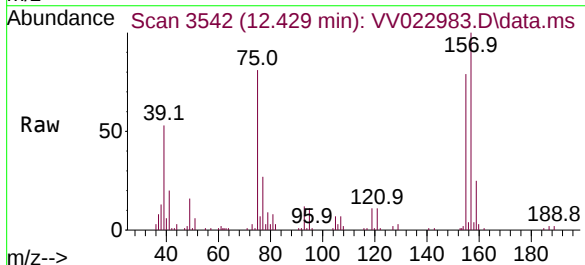
Instrument :
MSVOA_V
ClientSampleId :

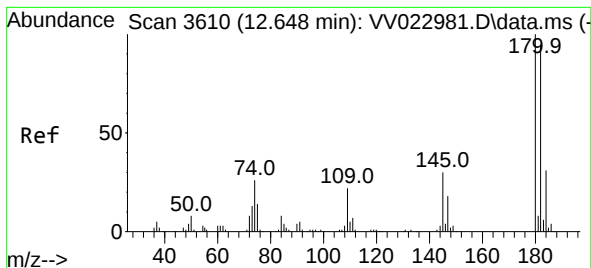
Tgt Ion:146 Resp: 423946
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 64.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.472 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022983.D
Acq: 22 Oct 2021 11:47

Tgt Ion: 75 Resp: 22636
Ion Ratio Lower Upper
75 100
155 97.0 67.7 101.5
157 123.2 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 21.677 ug/L

RT: 12.644 min Scan# 3610

Delta R.T. -0.003 min

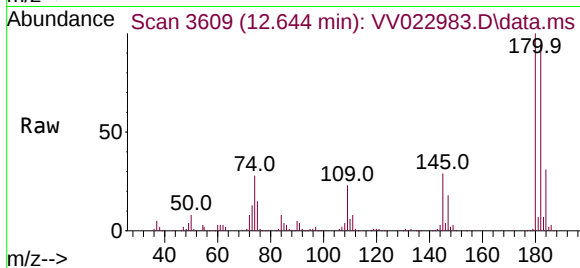
Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 354831

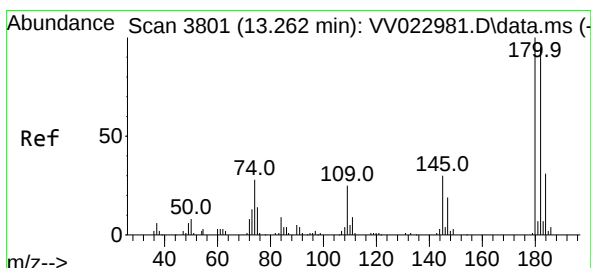
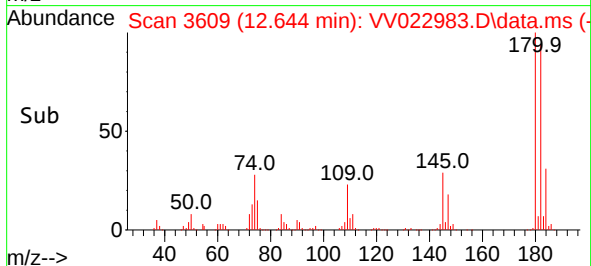
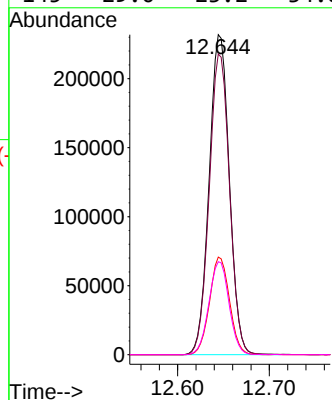
Ion Ratio Lower Upper

180 100

182 94.5 74.9 112.3

184 30.2 23.8 35.8

145 29.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 22.587 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

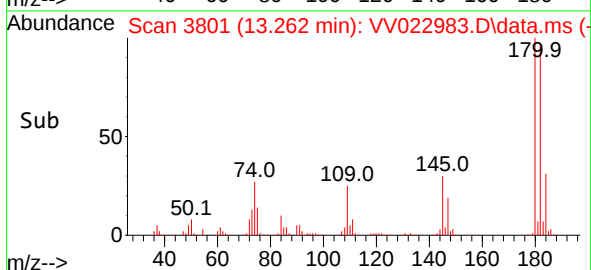
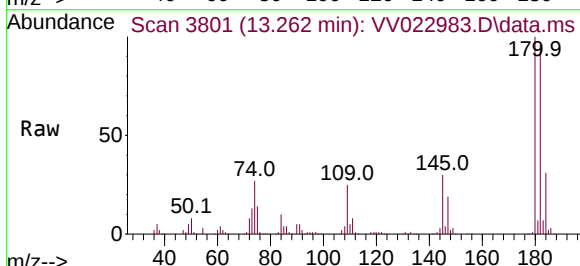
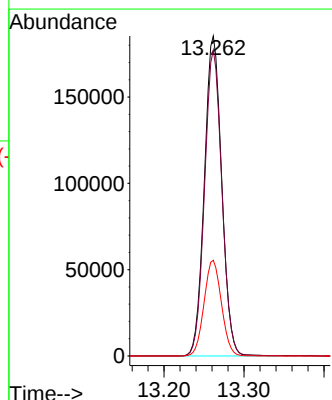
Tgt Ion:180 Resp: 279772

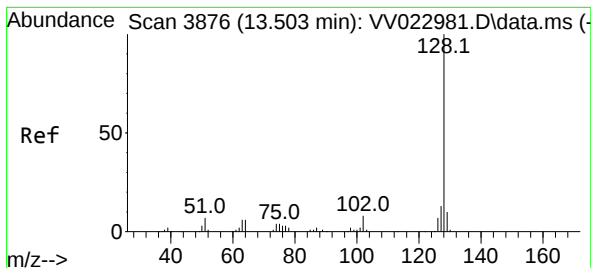
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 30.0 24.4 36.6





#71

Naphthalene

Concen: 24.104 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV022983.D

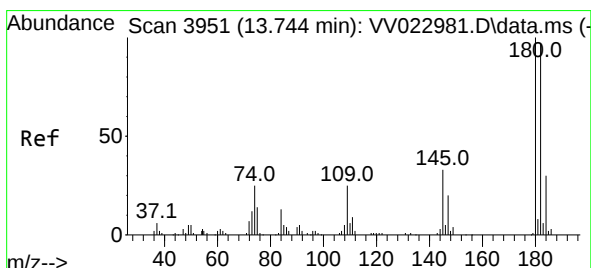
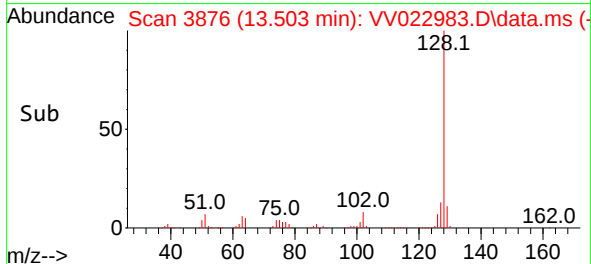
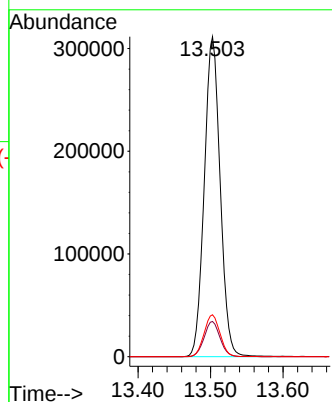
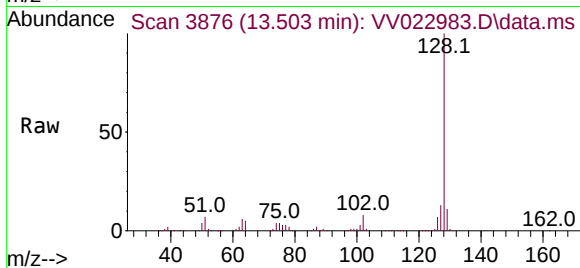
Acq: 22 Oct 2021 11:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	474150
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.1	10.5	15.7



#72

1,2,3-Trichlorobenzene

Concen: 22.607 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV022983.D

Acq: 22 Oct 2021 11:47

Tgt Ion:	180	Resp:	263633
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.7	115.1
145	31.6	25.7	38.5

