

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023196.D
 Acq On : 04 Nov 2021 11:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:24:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 01:23:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137862	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80178	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41620	3.699	ug/L	0.00
7) Chloroethane-d5	1.568	69	35981	4.883	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	76141	4.451	ug/L	0.00
20) 2-Butanone-d5	3.902	46	65372	38.745	ug/L	0.00
24) Chloroform-d	4.346	84	94791	4.897	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	41982	4.675	ug/L	0.00
32) Benzene-d6	5.047	84	180917	4.525	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	53046	4.334	ug/L	0.00
41) Toluene-d8	7.313	98	172488	4.802	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	20152	4.627	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	75899	46.786	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39897	4.677	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	64353	4.571	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	32943	3.371	ug/L	99
3) Chloromethane	1.240	50	33043	3.324	ug/L	99
5) Vinyl chloride	1.310	62	35998	3.538	ug/L	98
6) Bromomethane	1.519	94	23478	4.277	ug/L	98
8) Chloroethane	1.584	64	23364	4.273	ug/L	98
9) Trichlorofluoromethane	1.751	101	62169	4.406	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	35489	4.564	ug/L	98
12) 1,1-Dichloroethene	2.117	96	31474	4.291	ug/L	91
13) Acetone	2.191	43	36703	40.586	ug/L	87
14) Carbon disulfide	2.294	76	90666	4.165	ug/L	99
15) Methyl Acetate	2.439	43	9304	2.376	ug/L #	80
16) Methylene chloride	2.507	84	44509	5.122	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	73952	4.157	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	37218	4.435	ug/L	97
19) 1,1-Dichloroethane	3.188	63	70683	4.683	ug/L	99
21) 2-Butanone	3.989	43	58057	34.967	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	39900	4.585	ug/L	93
23) Bromochloromethane	4.246	128	18009	4.453	ug/L	97
25) Chloroform	4.371	83	76433	4.148	ug/L	97
27) 1,2-Dichloroethane	5.130	62	38725	3.967	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	66986	4.112	ug/L	99
30) Cyclohexane	4.677	56	50636	3.522	ug/L	98
31) Carbon tetrachloride	4.825	117	59985	4.243	ug/L	99
33) Benzene	5.095	78	153302	3.954	ug/L	100
34) Trichloroethene	5.912	95	40288	4.124	ug/L	97
35) Methylcyclohexane	6.127	83	55959	3.905	ug/L	97
37) 1,2-Dichloropropane	6.172	63	38289	3.957	ug/L	99
38) Bromodichloromethane	6.510	83	49287	4.114	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	53403	4.340	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	192131	43.187	ug/L	94
42) Toluene	7.384	91	171347	4.341	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	45362	4.431	ug/L	98

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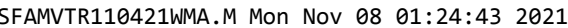
Quant Time: Nov 08 01:24:33 2021
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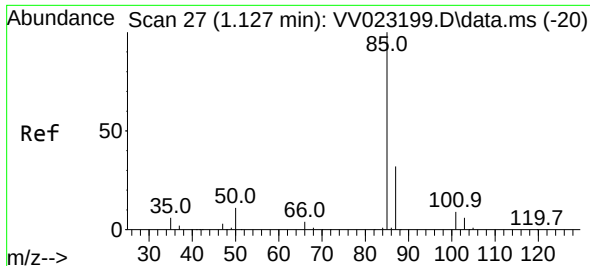
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.837	97	27418	4.104	ug/L	96
47) Tetrachloroethene	7.976	164	34967	4.198	ug/L	94
48) 2-Hexanone	8.140	43	143356	43.135	ug/L	97
49) Dibromochloromethane	8.246	129	35365	4.361	ug/L	97
50) 1,2-Dibromoethane	8.352	107	24946	4.055	ug/L #	97
51) Chlorobenzene	8.882	112	111200	4.260	ug/L	98
52) Ethylbenzene	9.011	91	175126	4.390	ug/L	98
53) m,p-xylene	9.136	106	68334	4.304	ug/L	99
54) o-xylene	9.545	106	65045	4.306	ug/L	99
55) Styrene	9.561	104	113181	4.377	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	31529	4.192	ug/L	95
59) Bromoform	9.731	173	19016	3.988	ug/L	99
60) Isopropylbenzene	9.931	105	180010	4.266	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21766	3.851	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	140522	4.095	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	144627	4.230	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	94434	4.293	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	93192	4.161	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	84444	4.157	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4936	4.353	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.644	180	71135	4.240	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	55701	4.352	ug/L	98
71) Naphthalene	13.503	128	78306	4.050	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	48662	4.150	ug/L	99

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

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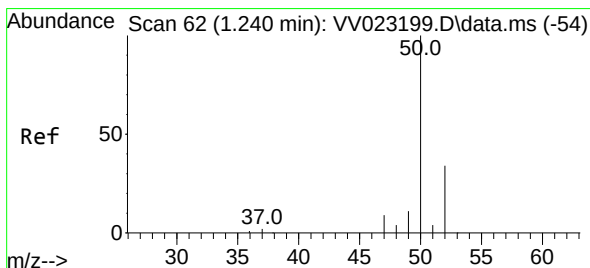
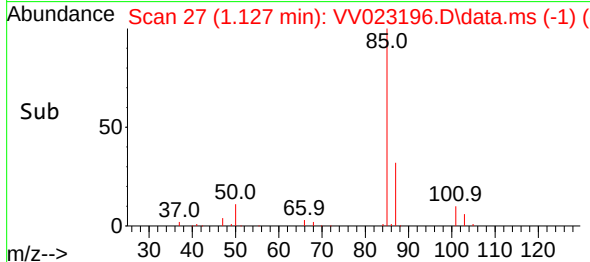
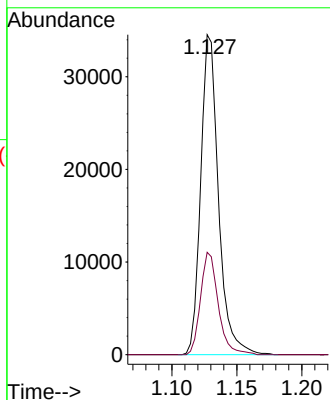
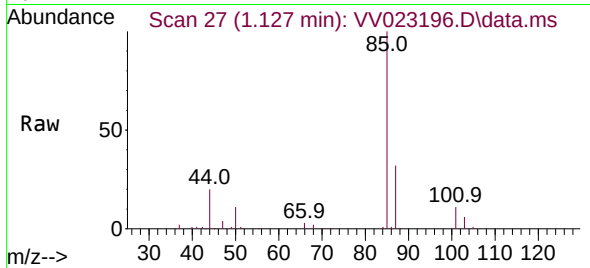




#2
 Dichlorodifluoromethane
 Concen: 3.371 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

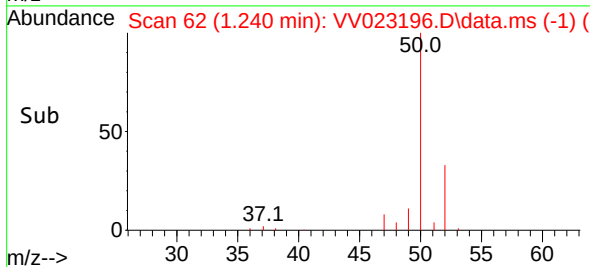
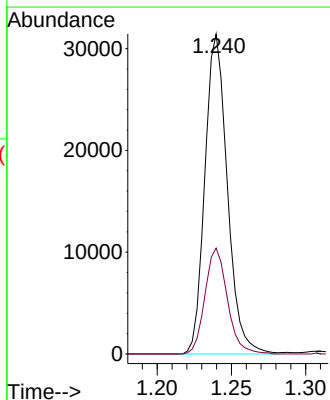
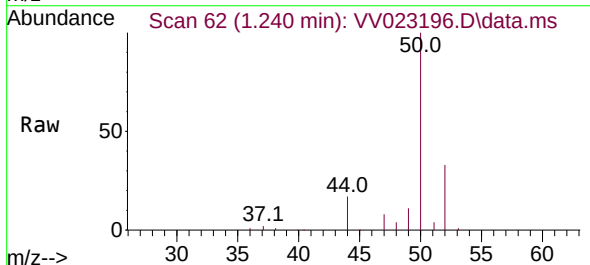
Instrument :
 MSVOA_V
 ClientSampleId :

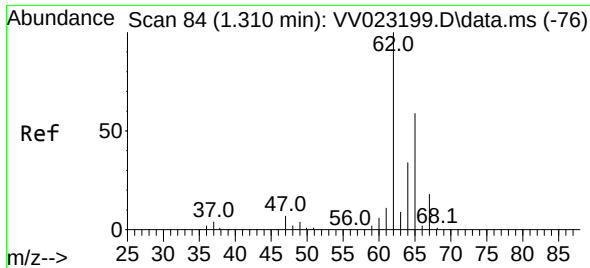
Tgt Ion: 85 Resp: 32943
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 3.324 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

Tgt Ion: 50 Resp: 33043
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

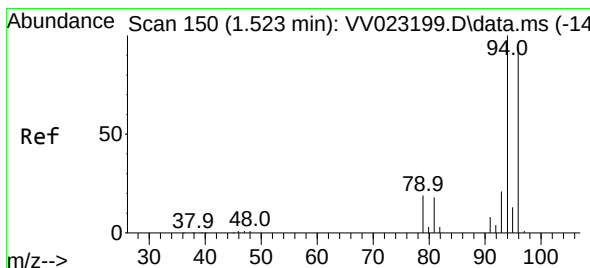
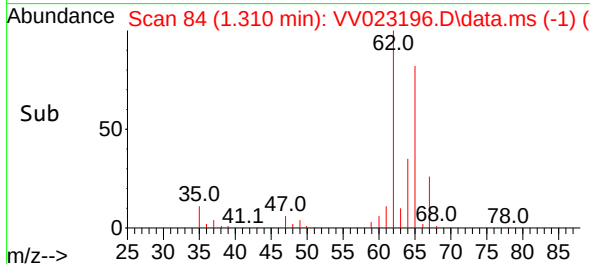
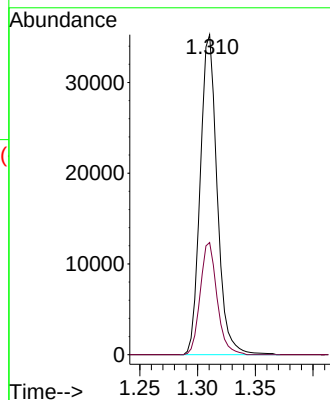
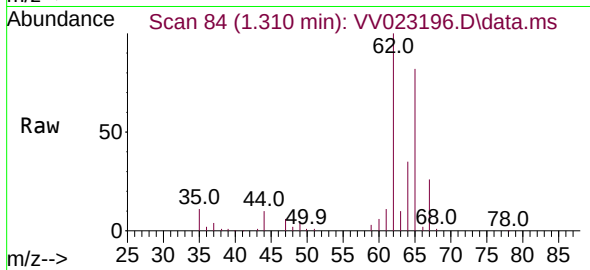




#5
 Vinyl chloride
 Concen: 3.538 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

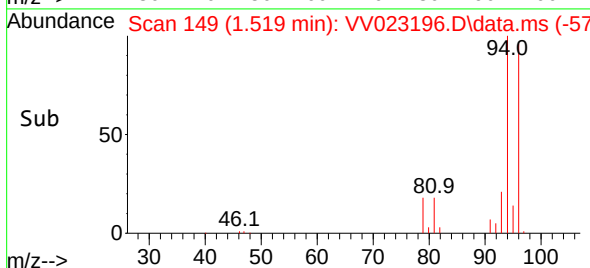
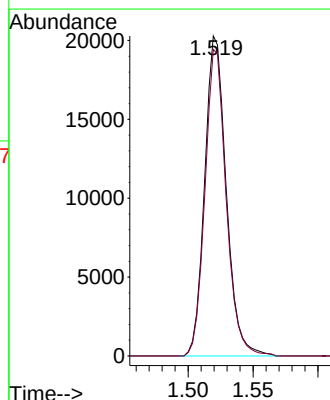
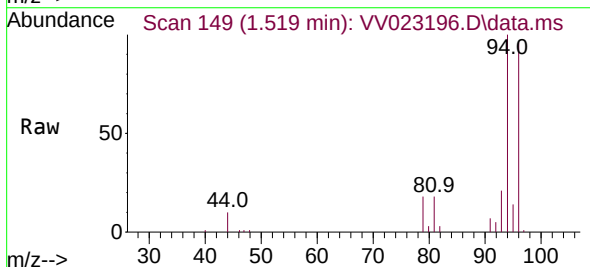
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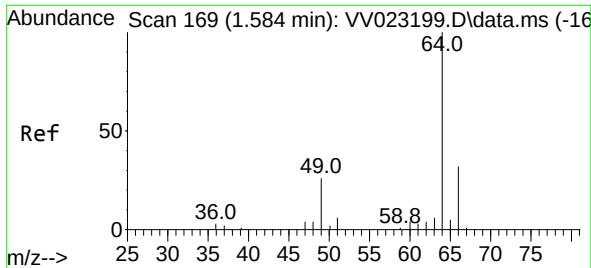
Tgt Ion: 62 Resp: 35998
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.7 43.9



#6
 Bromomethane
 Concen: 4.277 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

Tgt Ion: 94 Resp: 23478
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.7 122.1

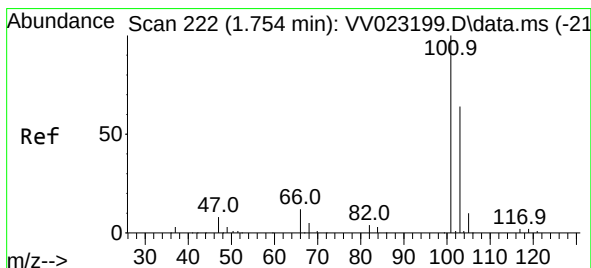
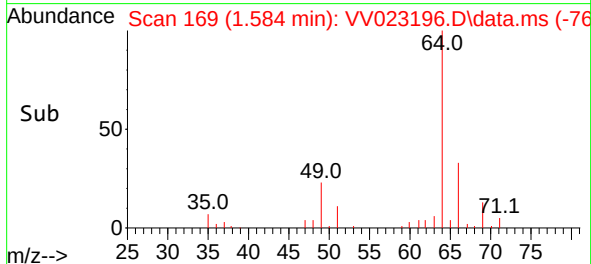
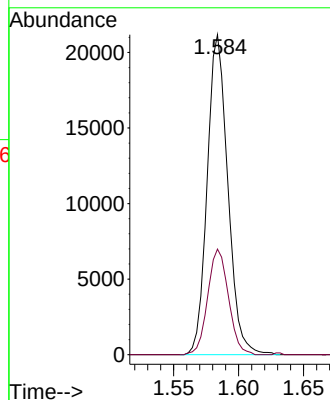
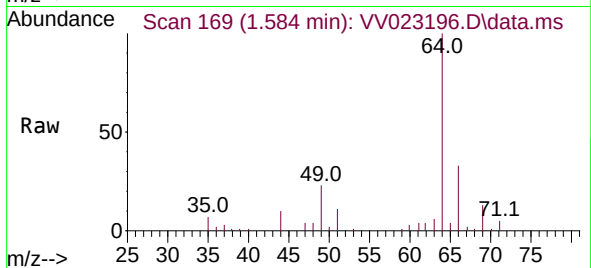




#8
Chloroethane
Concen: 4.273 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

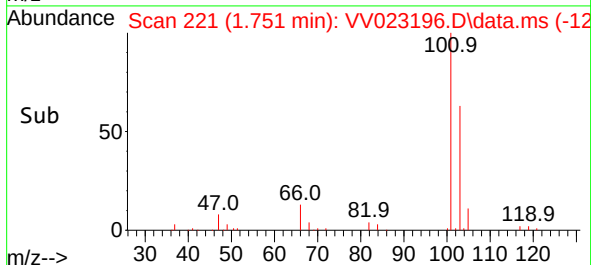
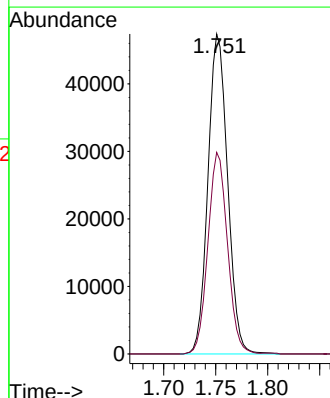
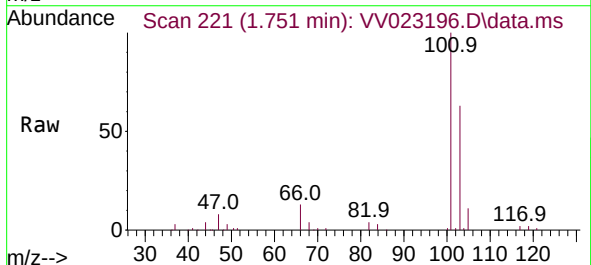
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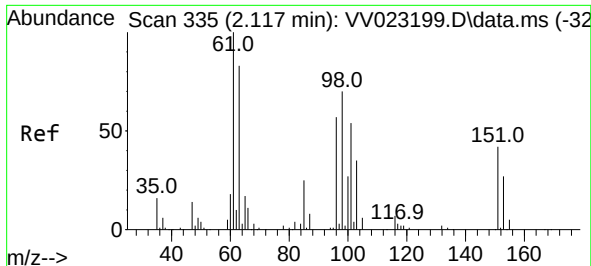
Tgt Ion: 64 Resp: 23364
Ion Ratio Lower Upper
64 100
66 33.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.406 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion:101 Resp: 62169
Ion Ratio Lower Upper
101 100
103 62.8 51.9 77.9

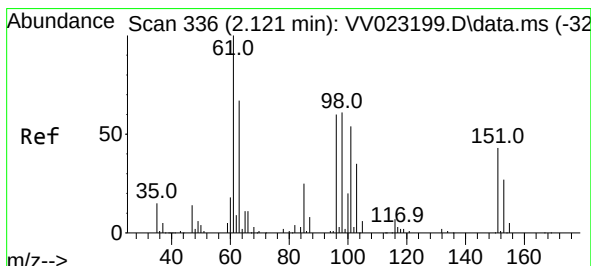
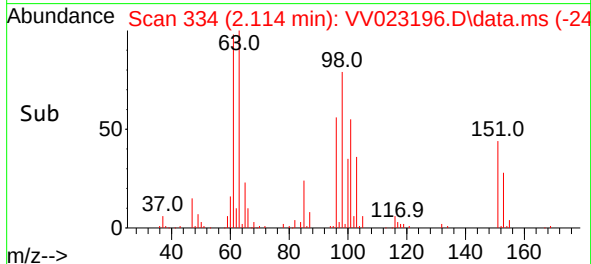
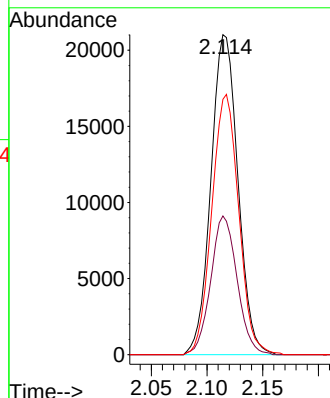
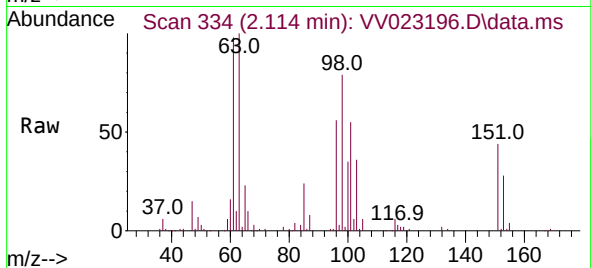




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.564 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

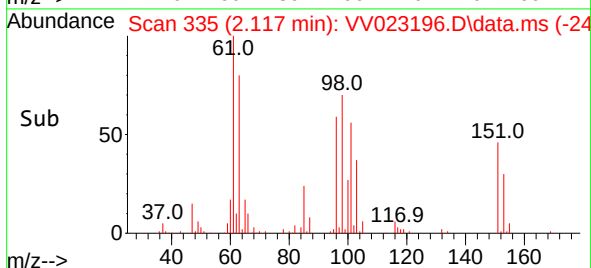
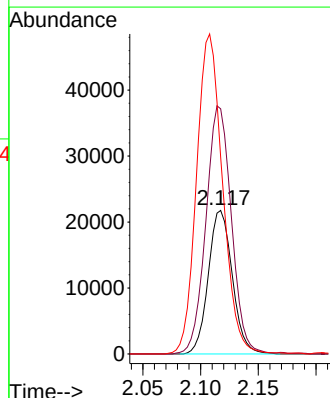
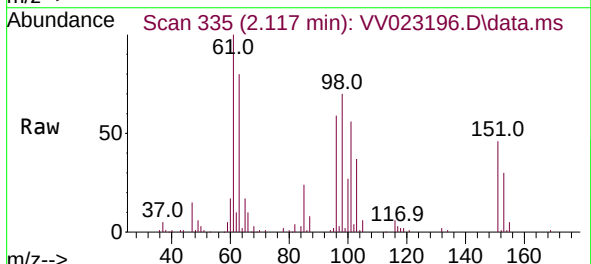
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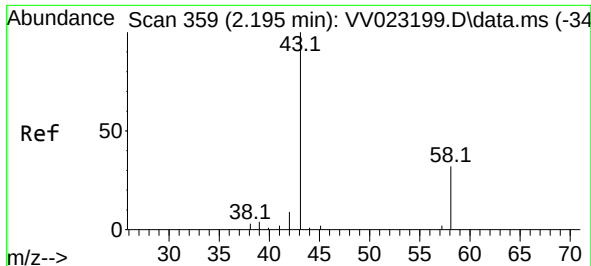
Tgt Ion:101 Resp: 35489
Ion Ratio Lower Upper
101 100
85 42.3 35.4 53.0
151 81.2 64.3 96.5



#12
1,1-Dichloroethene
Concen: 4.291 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 96 Resp: 31474
Ion Ratio Lower Upper
96 100
61 170.8 117.7 218.7
63 136.9 80.5 149.5

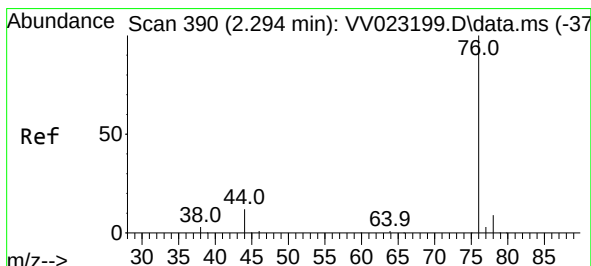
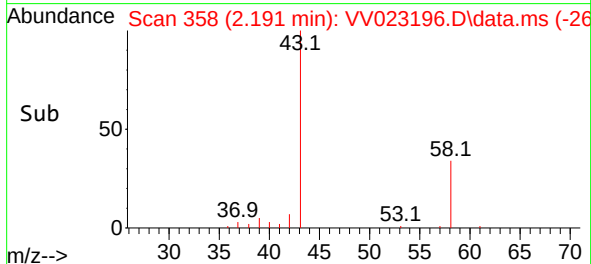
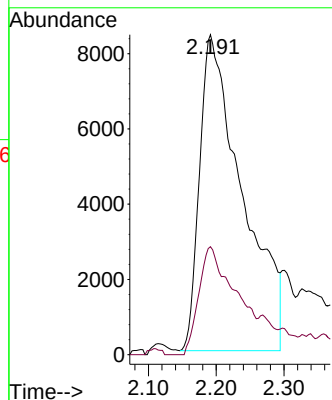
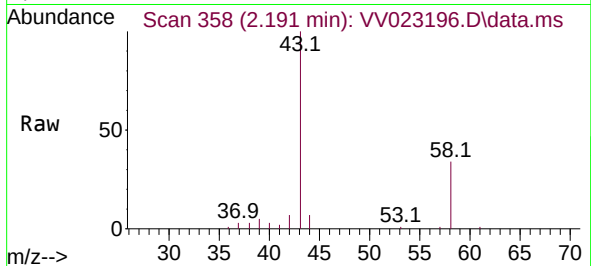




#13
Acetone
Concen: 40.586 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023196.D
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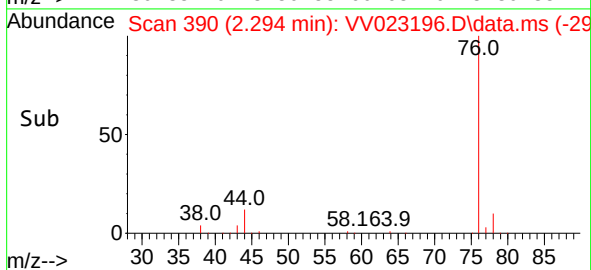
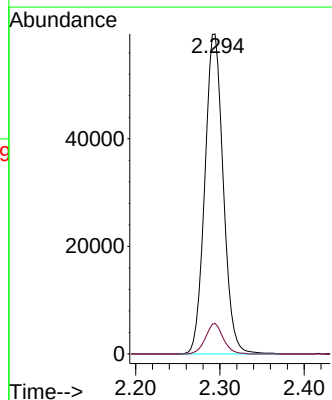
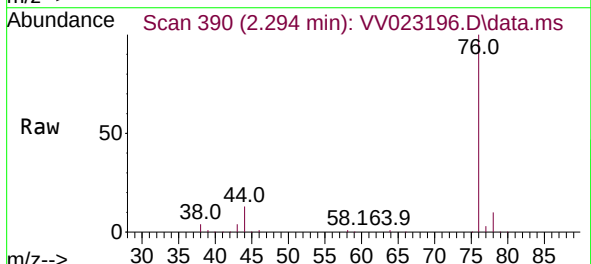
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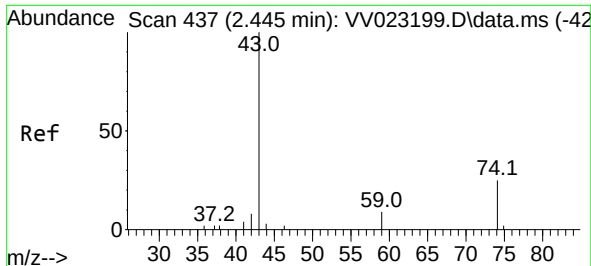
Tgt Ion: 43 Resp: 36703
Ion Ratio Lower Upper
43 100
58 29.3 0.0 45.8



#14
Carbon disulfide
Concen: 4.165 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 76 Resp: 90666
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

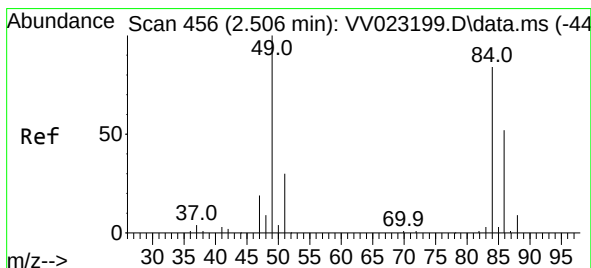
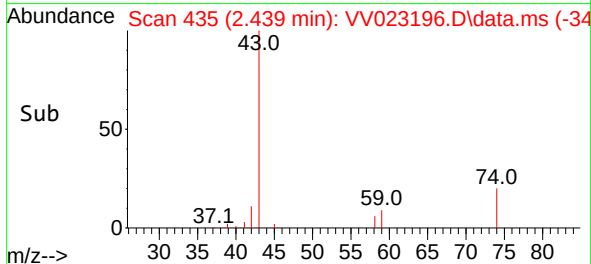
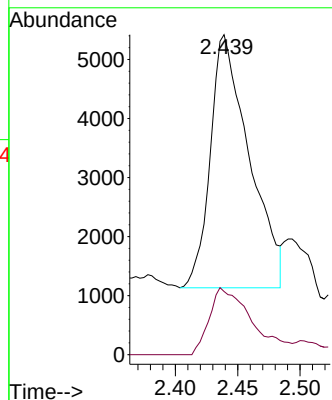
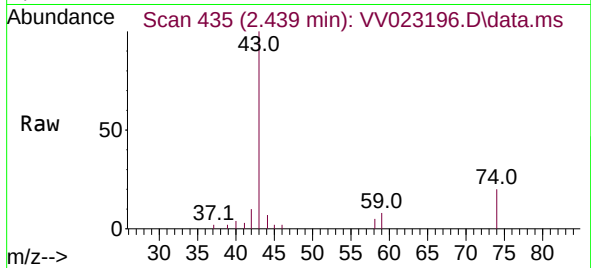




#15
Methyl Acetate
Concen: 2.376 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

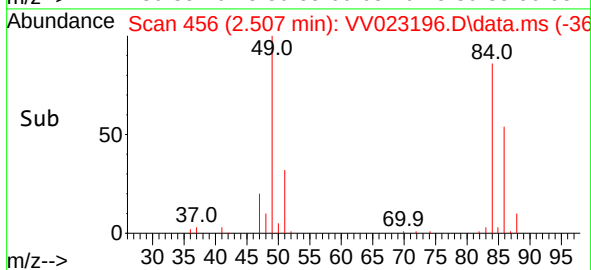
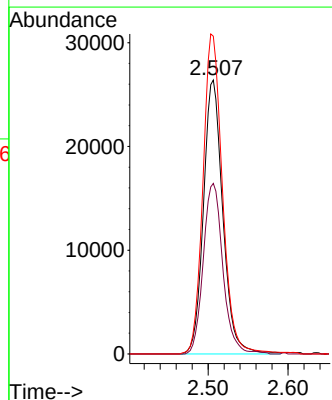
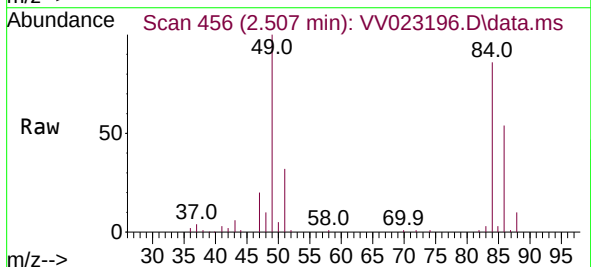
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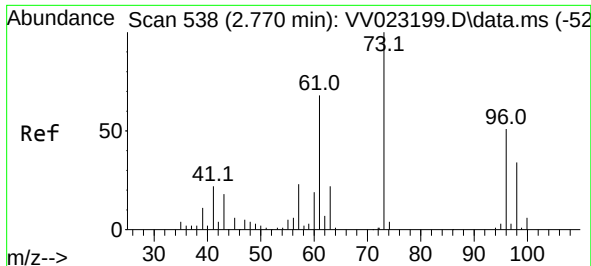
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Ion Ratio Lower Upper
43 100
74 29.1 16.0 24.0#



#16
Methylene chloride
Concen: 5.122 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 84 Resp: 44509
Ion Ratio Lower Upper
84 100
86 62.3 43.3 80.5
49 116.1 84.1 156.1

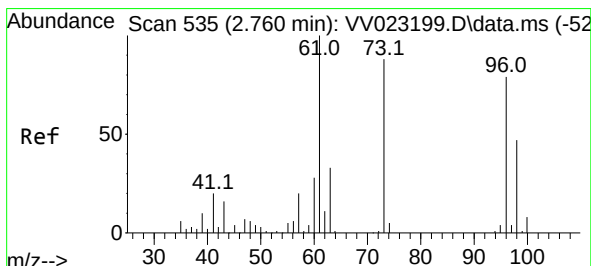
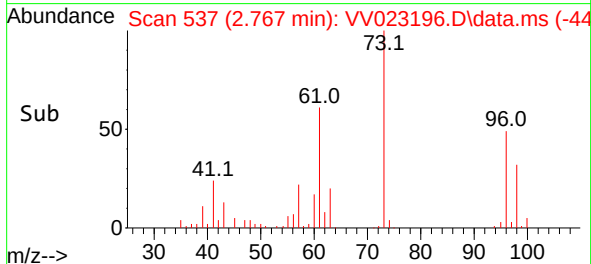
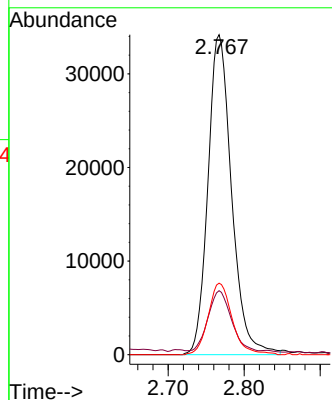
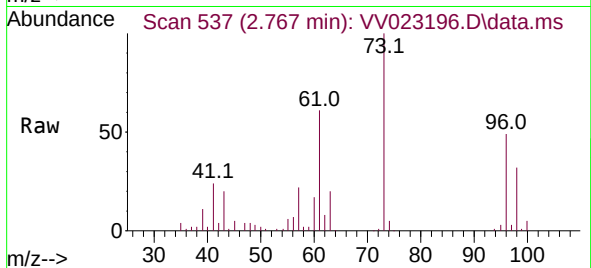




#17
Methyl tert-butyl Ether
Concen: 4.157 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

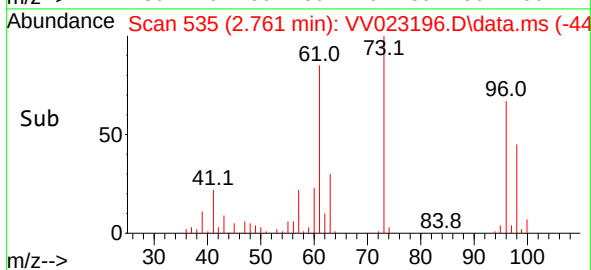
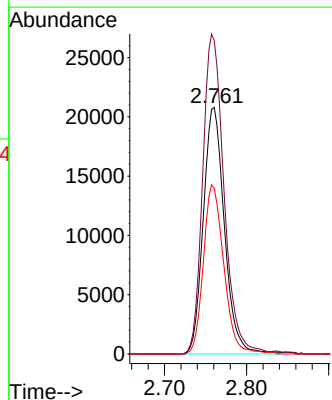
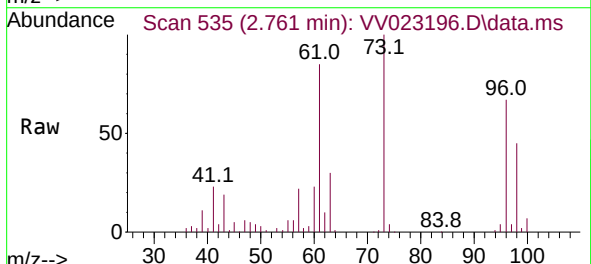
Instrument :
MSVOA_V
ClientSampleId :

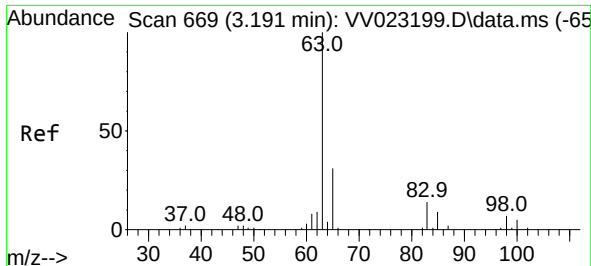
Tgt Ion: 73 Resp: 73952
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.4
57 22.7 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.435 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 96 Resp: 37218
Ion Ratio Lower Upper
96 100
61 127.1 89.2 165.6
98 67.1 41.9 77.9





#19

1,1-Dichloroethane

Concen: 4.683 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

ClientSampleId :

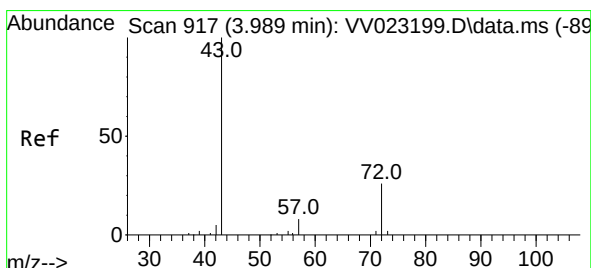
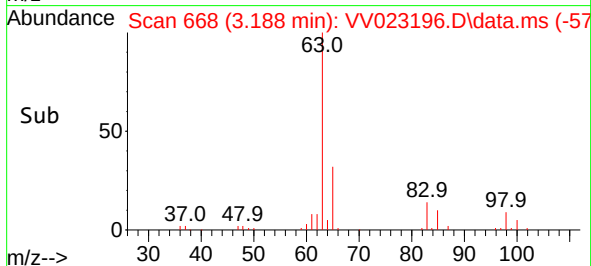
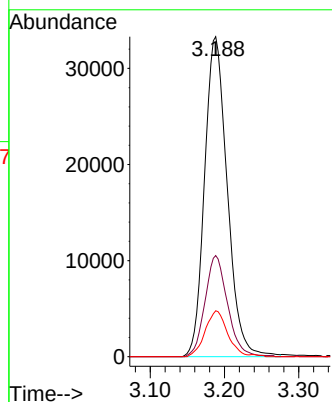
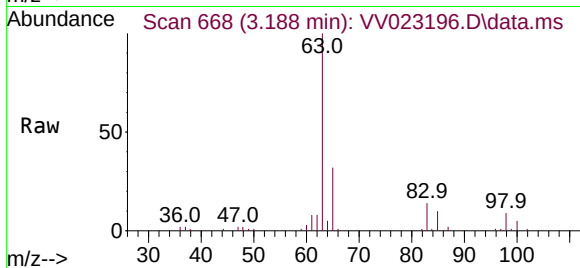
Tgt Ion: 63 Resp: 70683

Ion Ratio Lower Upper

63 100

65 31.6 21.6 40.2

83 14.3 9.8 18.2



#21

2-Butanone

Concen: 34.967 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.000 min

Lab File: VV023196.D

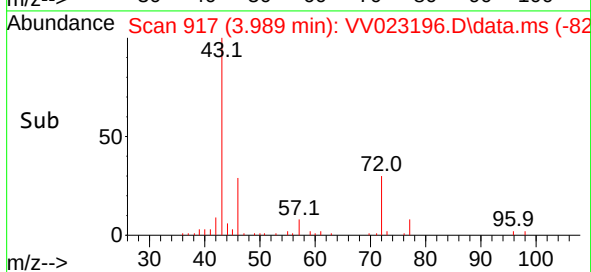
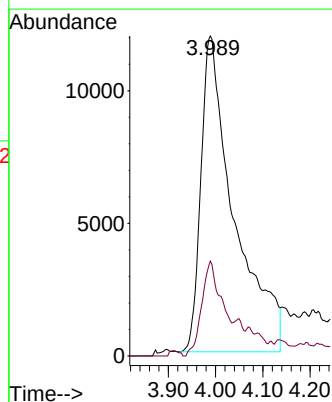
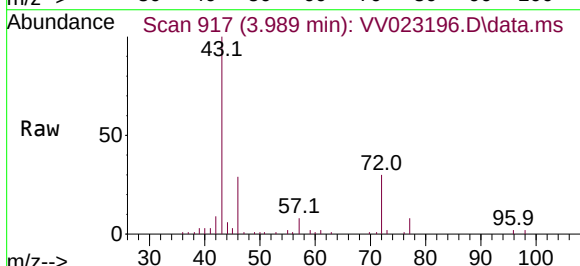
Acq: 04 Nov 2021 11:49

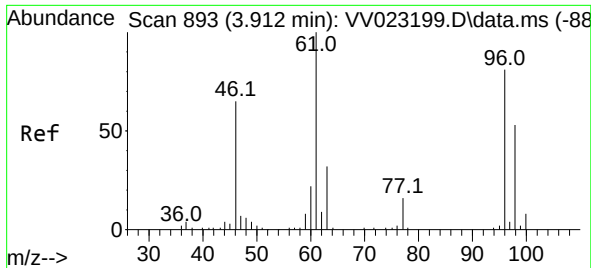
Tgt Ion: 43 Resp: 58057

Ion Ratio Lower Upper

43 100

72 18.7 11.6 34.7

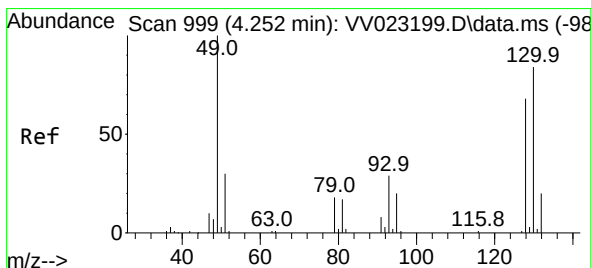
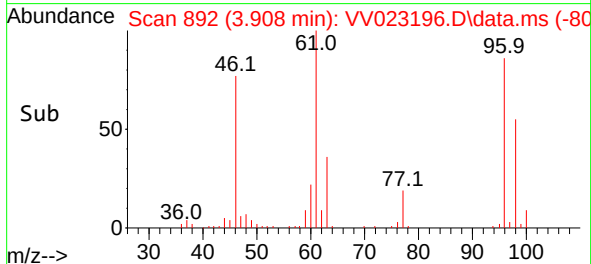
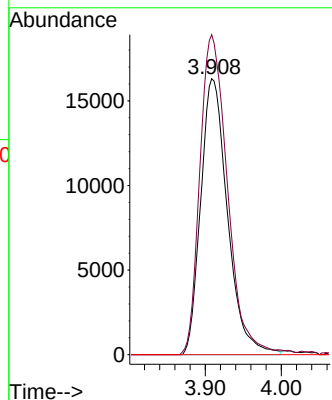
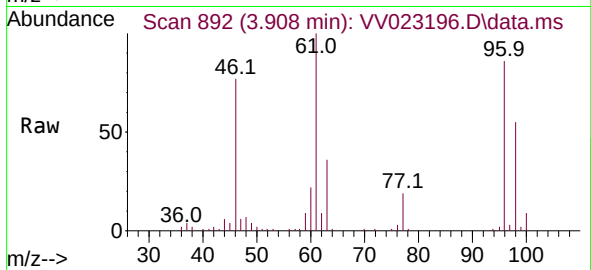




#22
 cis-1,2-Dichloroethene
 Concen: 4.585 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

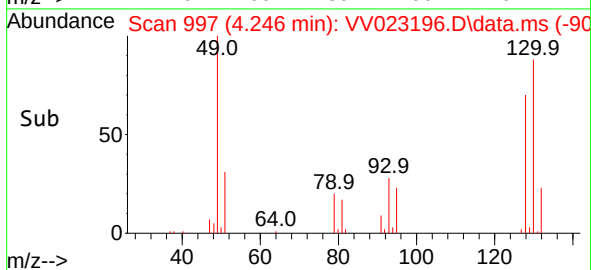
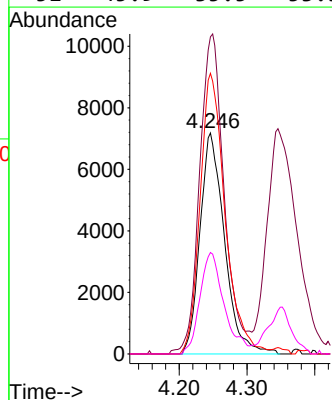
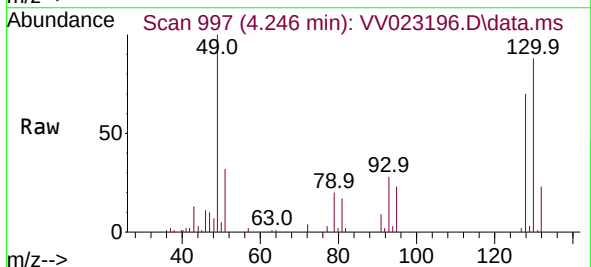
Instrument :
 MSVOA_V
 ClientSampleId :

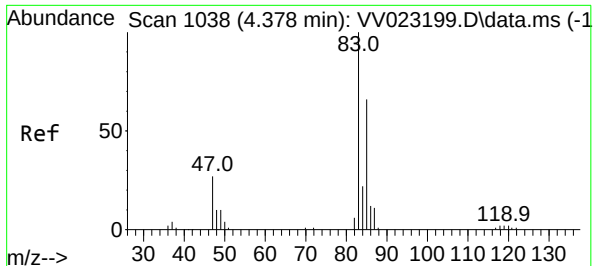
Tgt Ion: 96 Resp: 39900
 Ion Ratio Lower Upper
 96 100
 61 115.9 86.7 160.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.453 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

Tgt Ion: 128 Resp: 18009
 Ion Ratio Lower Upper
 128 100
 49 143.6 103.0 191.4
 130 127.0 86.7 161.1
 51 45.9 35.5 53.3





#25

Chloroform

Concen: 4.148 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

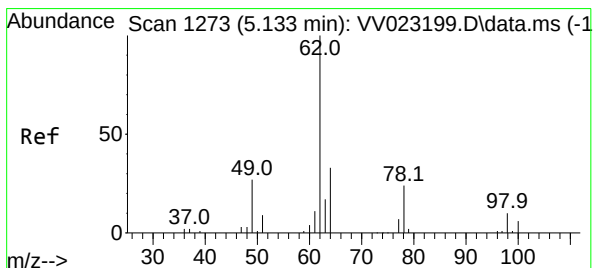
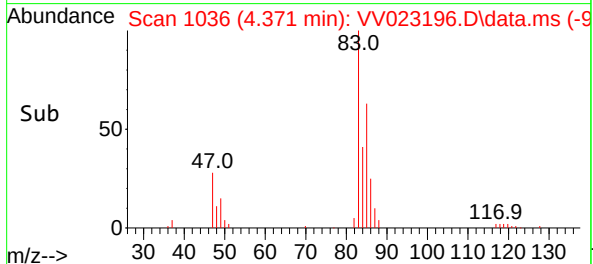
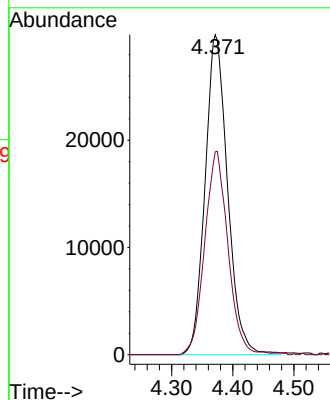
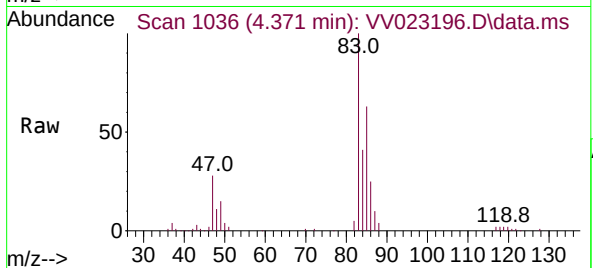
ClientSampleId :

Tgt Ion: 83 Resp: 76433

Ion Ratio Lower Upper

83 100

85 63.4 46.3 85.9



#27

1,2-Dichloroethane

Concen: 3.967 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV023196.D

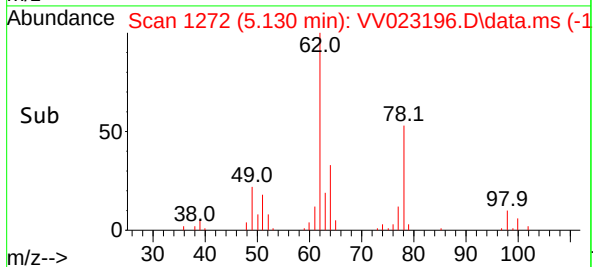
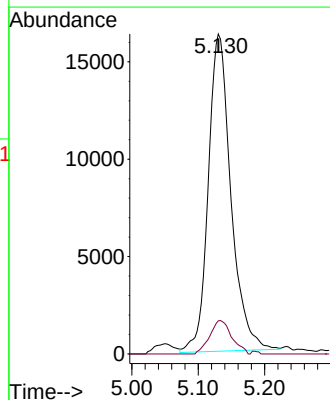
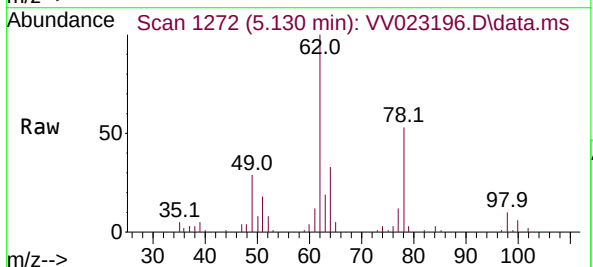
Acq: 04 Nov 2021 11:49

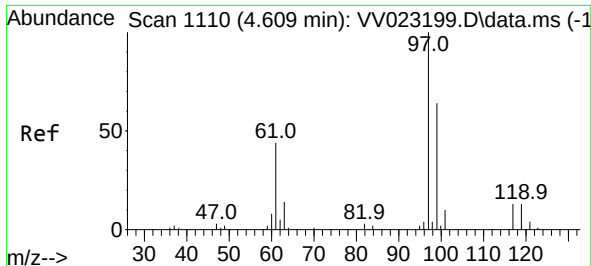
Tgt Ion: 62 Resp: 38725

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.112 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

ClientSampleId :

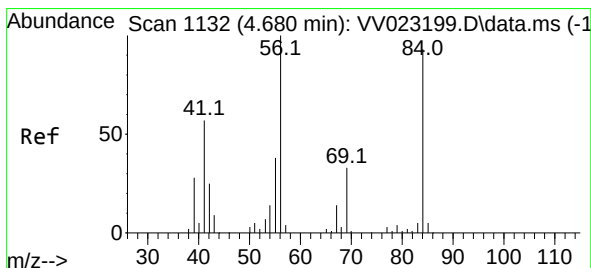
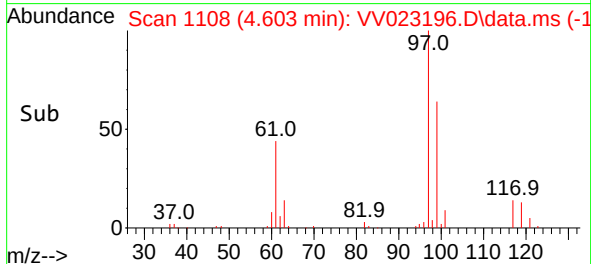
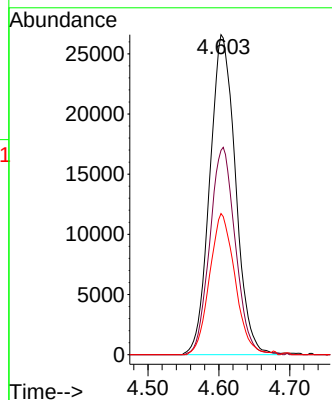
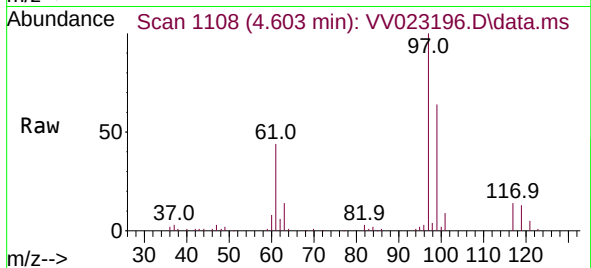
Tgt Ion: 97 Resp: 66986

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 43.7 33.5 50.3



#30

Cyclohexane

Concen: 3.522 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

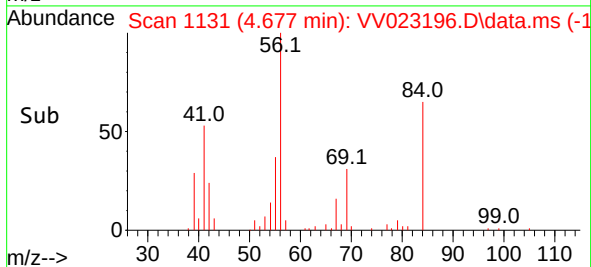
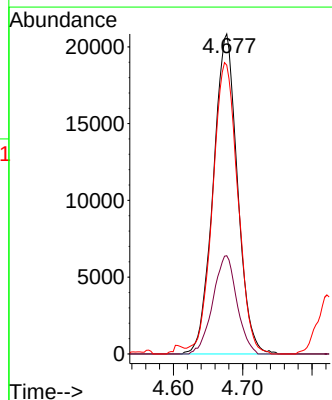
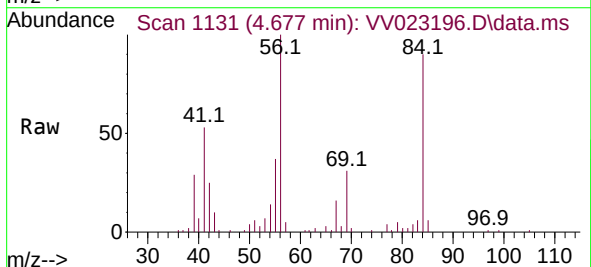
Tgt Ion: 56 Resp: 50636

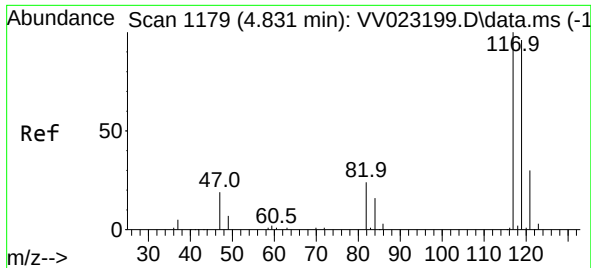
Ion Ratio Lower Upper

56 100

69 30.4 24.7 37.1

84 94.4 73.8 110.6

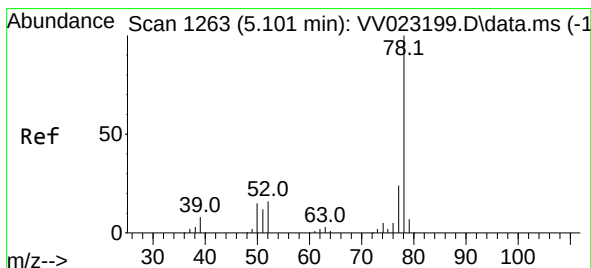
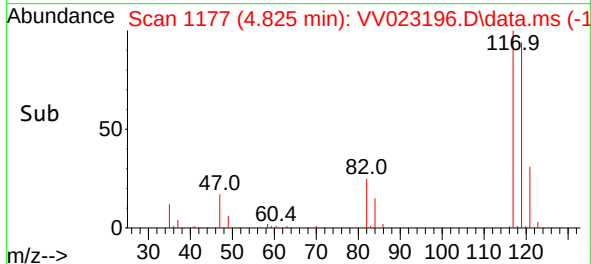
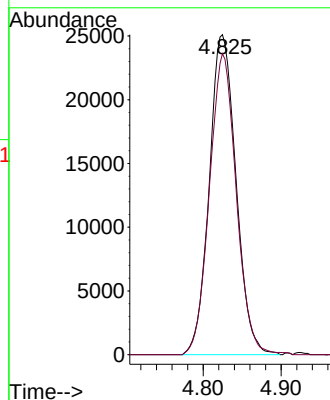
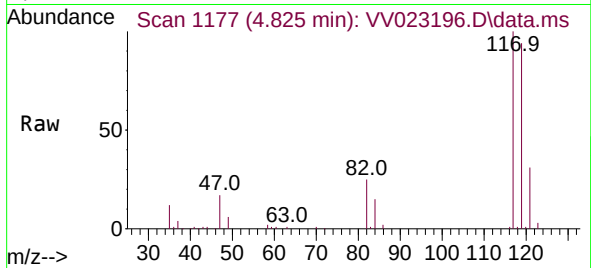




#31
Carbon tetrachloride
Concen: 4.243 ug/L
RT: 4.825 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

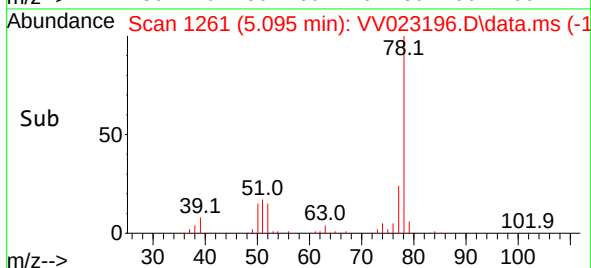
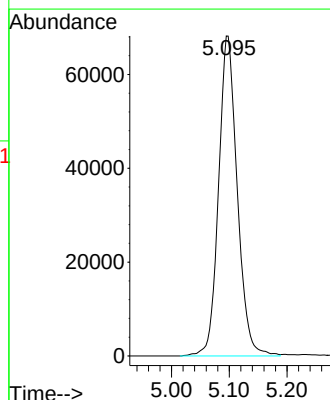
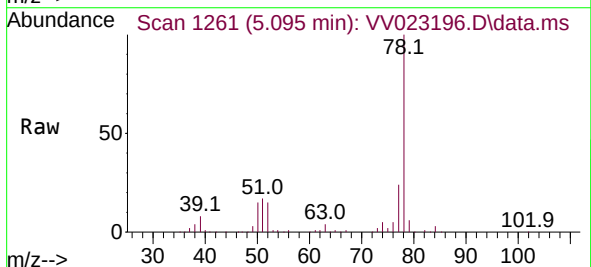
Instrument :
MSVOA_V
ClientSampleId :

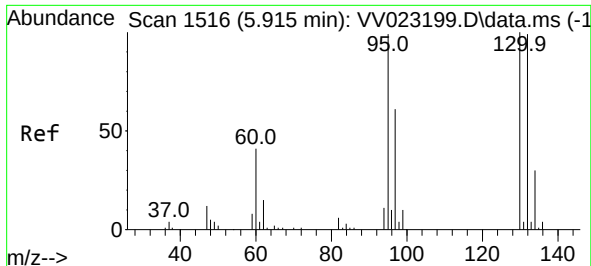
Tgt Ion:117 Resp: 59985
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8



#33
Benzene
Concen: 3.954 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 78 Resp: 153302

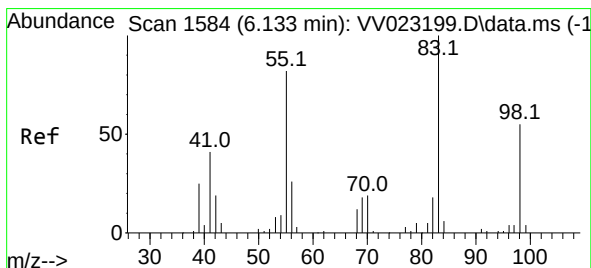
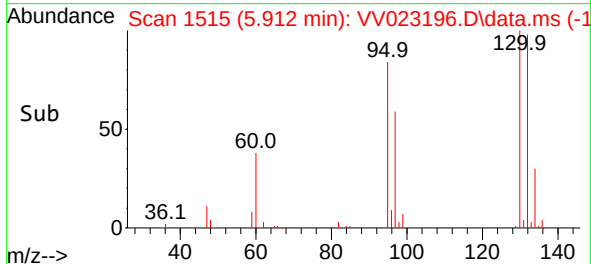
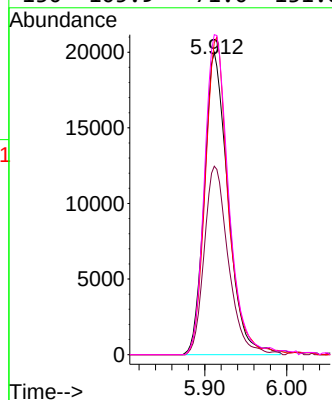
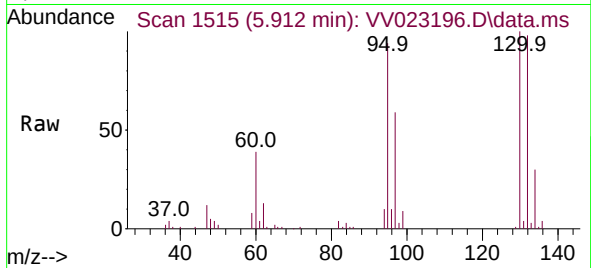




#34
Trichloroethene
Concen: 4.124 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

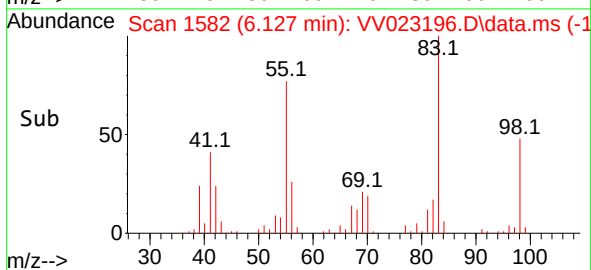
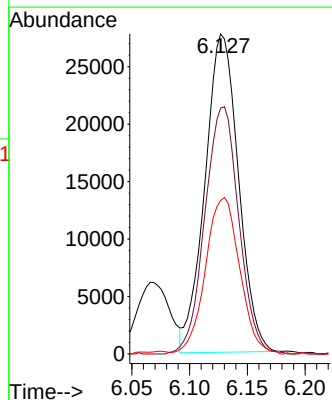
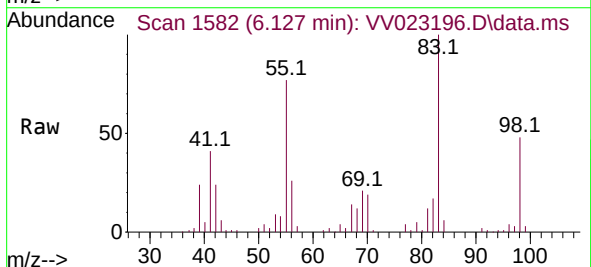
Instrument :
MSVOA_V
ClientSampleId :

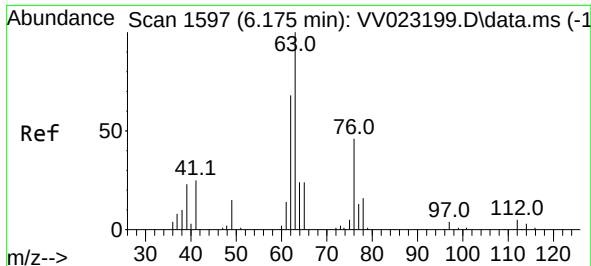
Tgt Ion: 95 Resp: 40288
Ion Ratio Lower Upper
95 100
97 62.3 43.3 80.5
132 103.3 70.0 130.0
130 105.9 71.0 131.8



#35
Methylcyclohexane
Concen: 3.905 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 83 Resp: 55959
Ion Ratio Lower Upper
83 100
55 78.8 59.6 89.4
98 50.1 40.6 61.0





#37

1,2-Dichloropropane

Concen: 3.957 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

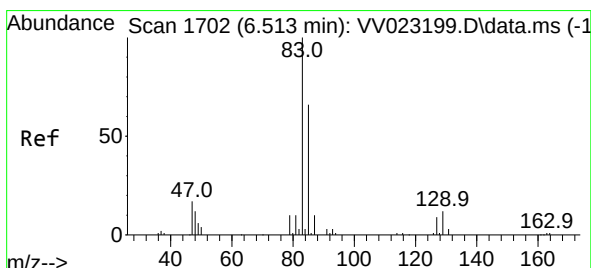
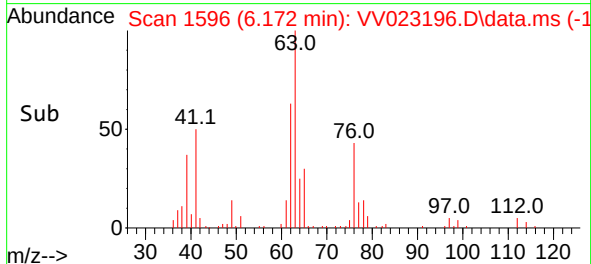
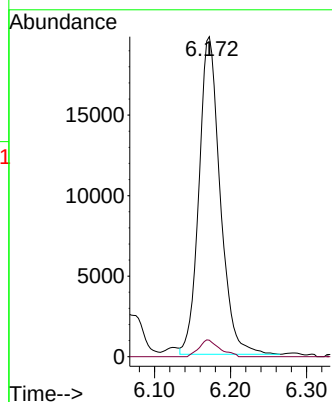
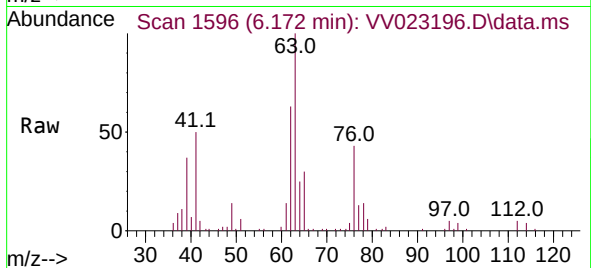
ClientSampleId :

Tgt Ion: 63 Resp: 38289

Ion Ratio Lower Upper

63 100

112 5.1 4.5 6.7



#38

Bromodichloromethane

Concen: 4.114 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

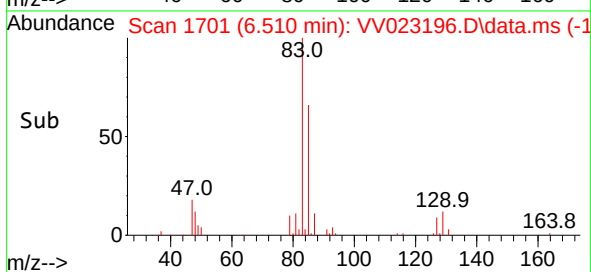
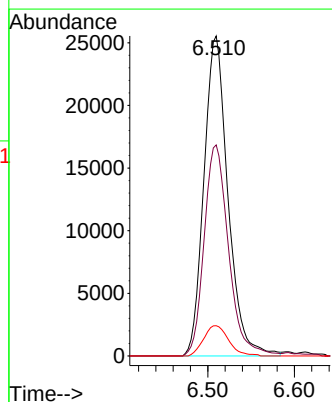
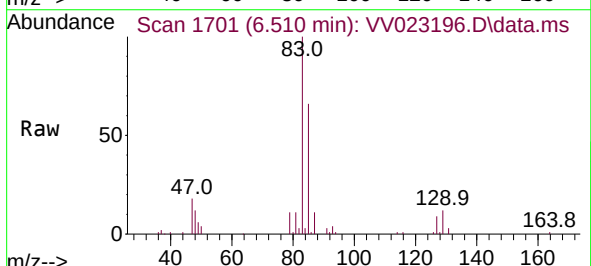
Tgt Ion: 83 Resp: 49287

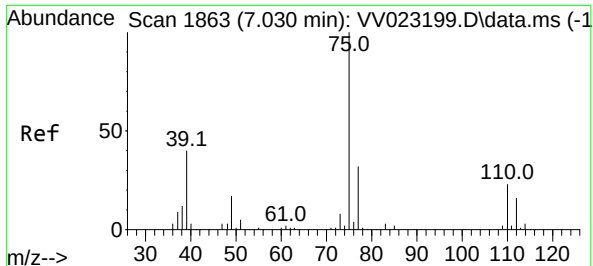
Ion Ratio Lower Upper

83 100

85 66.0 46.1 85.5

127 9.5 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.340 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

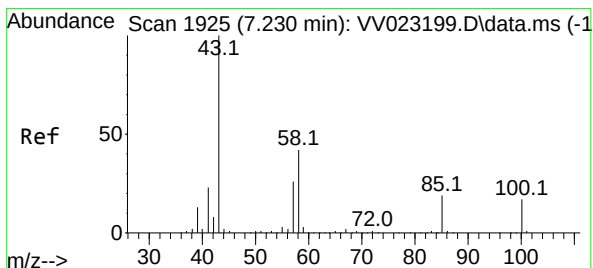
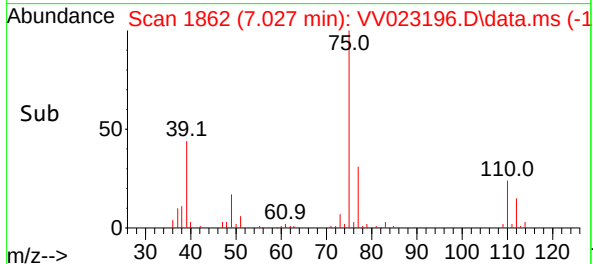
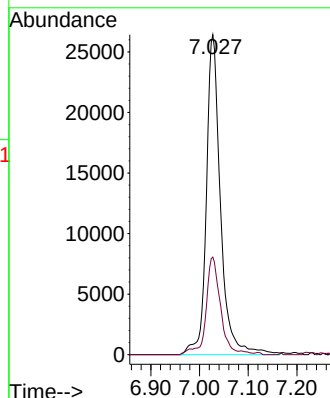
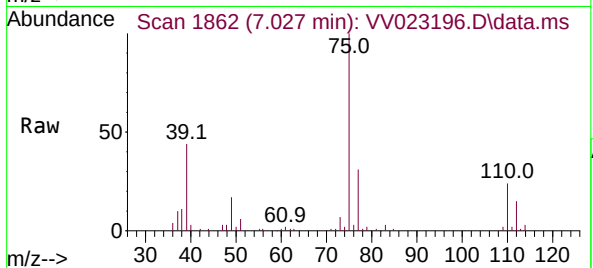
ClientSampleId :

Tgt Ion: 75 Resp: 53403

Ion Ratio Lower Upper

75 100

77 30.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 43.187 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

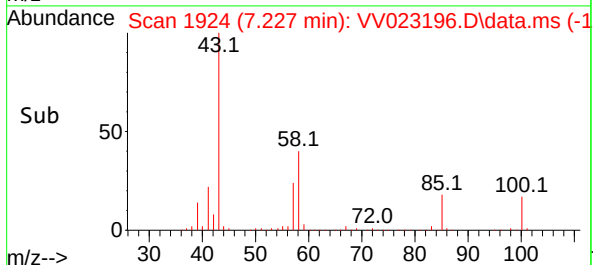
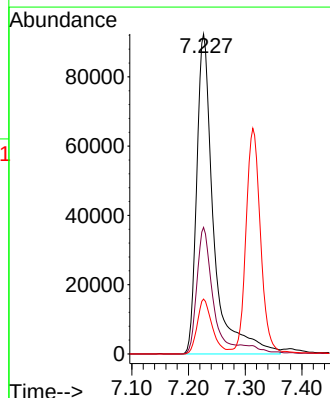
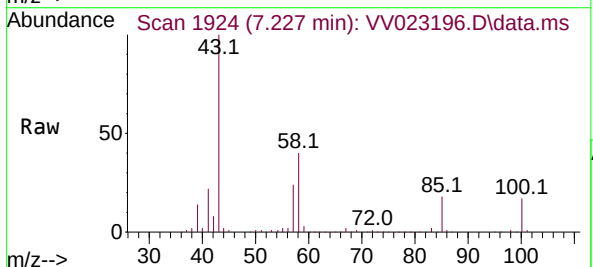
Tgt Ion: 43 Resp: 192131

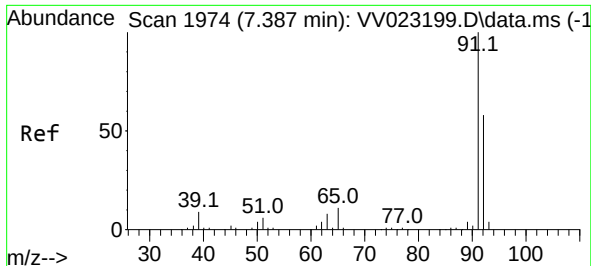
Ion Ratio Lower Upper

43 100

58 36.9 33.3 49.9

100 15.1 13.0 19.6





#42

Toluene

Concen: 4.341 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

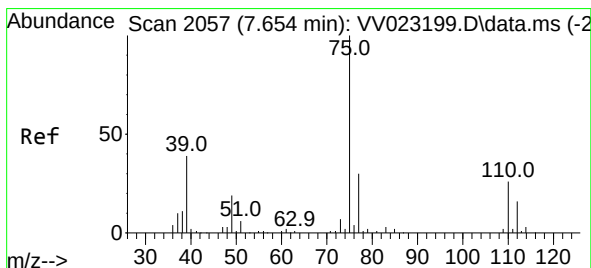
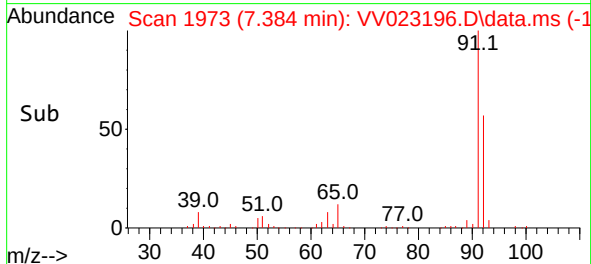
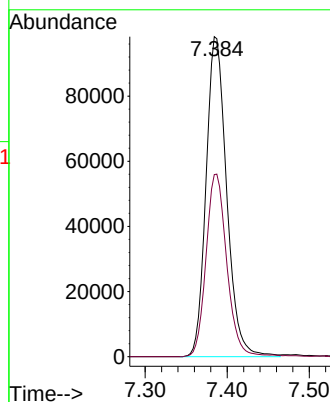
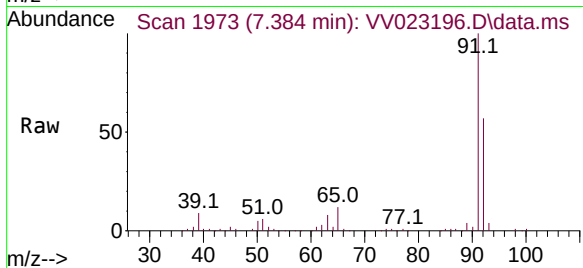
ClientSampleId :

Tgt Ion: 91 Resp: 171347

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.431 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023196.D

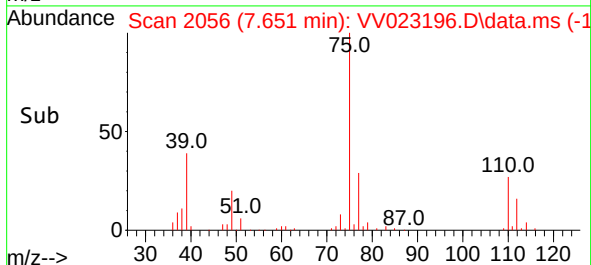
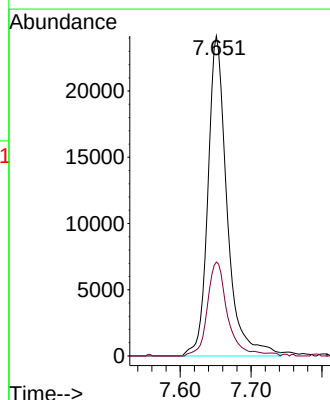
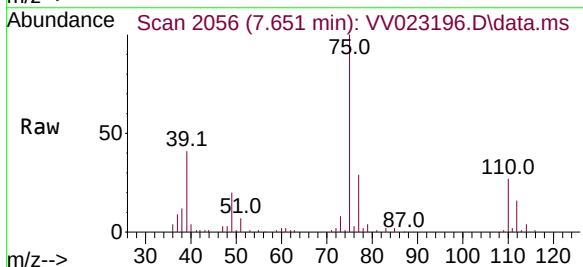
Acq: 04 Nov 2021 11:49

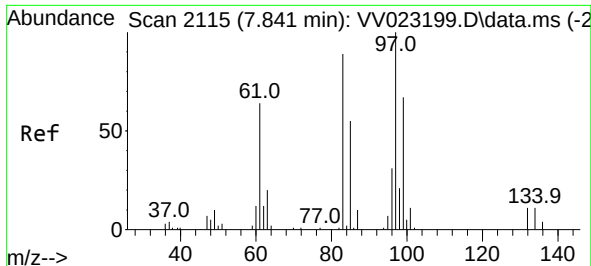
Tgt Ion: 75 Resp: 45362

Ion Ratio Lower Upper

75 100

77 29.3 21.3 39.6

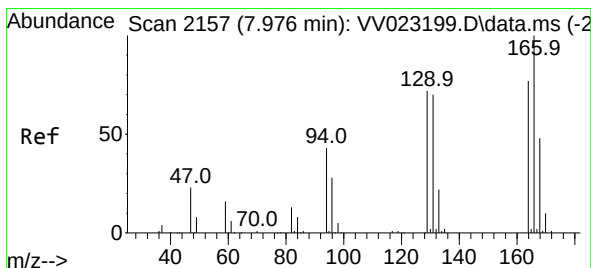
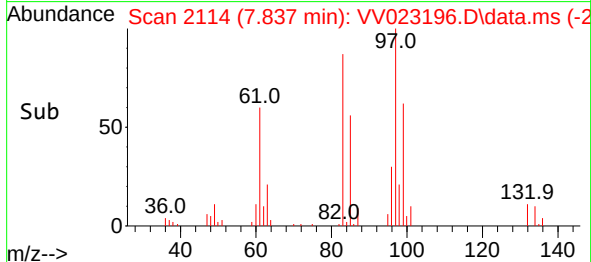
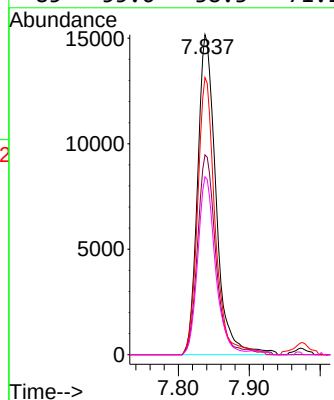
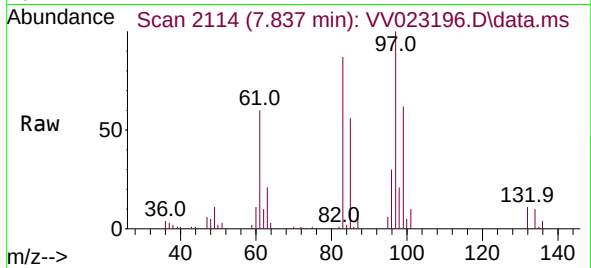




#45
1,1,2-Trichloroethane
Concen: 4.104 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

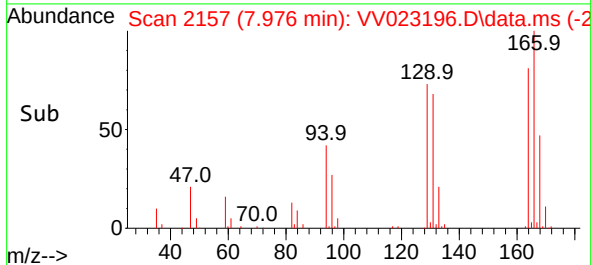
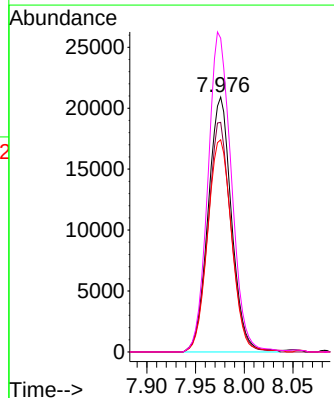
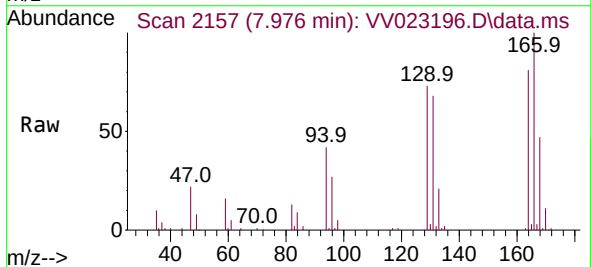
Instrument :
MSVOA_V
ClientSampleId :

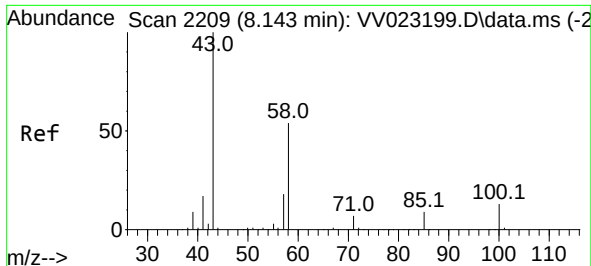
Tgt Ion:	97	Resp:	27418
Ion	Ratio	Lower	Upper
97	100		
99	62.4	47.0	87.4
83	86.6	62.6	116.3
85	55.6	38.3	71.1



#47
Tetrachloroethene
Concen: 4.198 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion:	164	Resp:	34967
Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.5	121.7
131	83.2	63.9	118.7
166	123.1	91.1	169.1

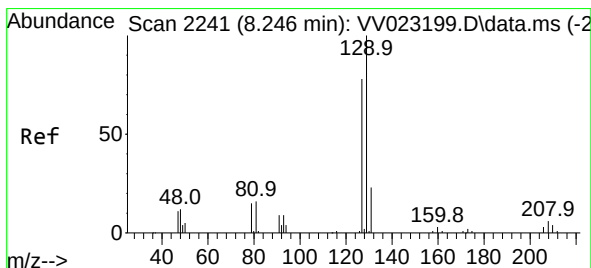
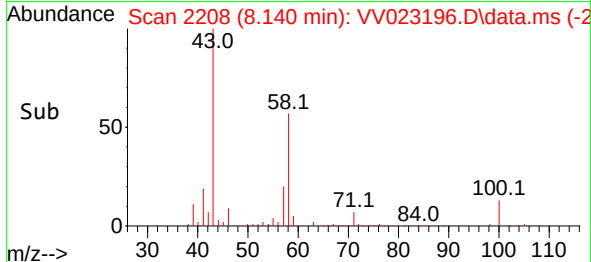
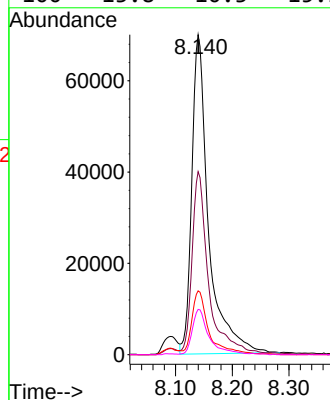
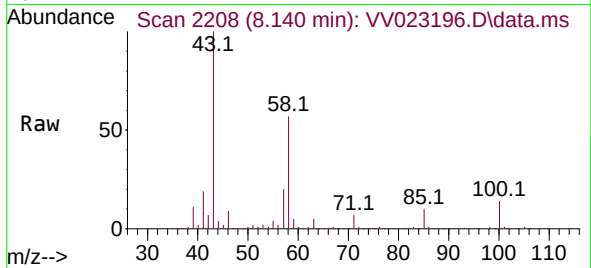




#48
2-Hexanone
Concen: 43.135 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

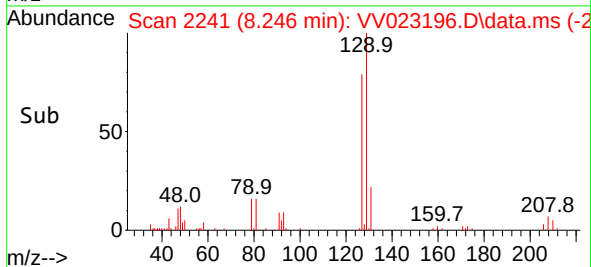
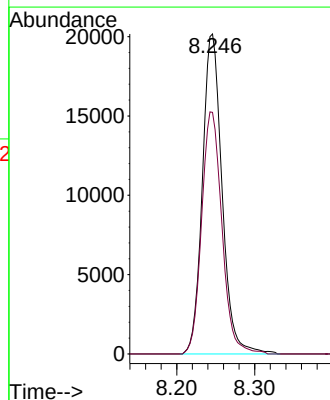
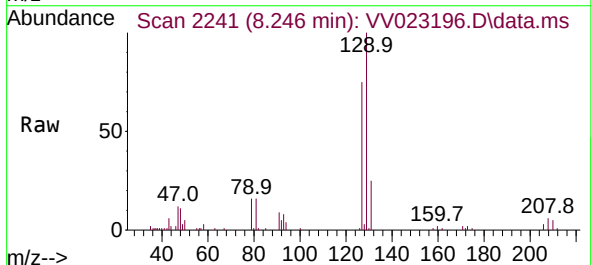
Instrument :
MSVOA_V
ClientSampleId :

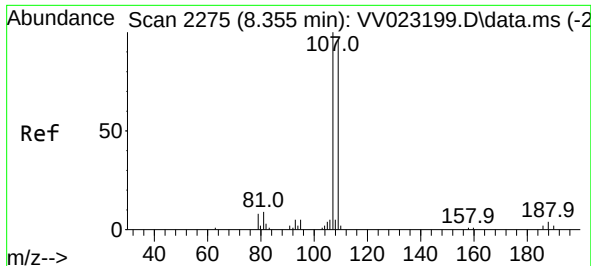
Tgt Ion: 43 Resp: 143356
Ion Ratio Lower Upper
43 100
58 55.3 43.0 64.6
57 20.6 14.9 22.3
100 13.8 10.3 15.5



#49
Dibromochloromethane
Concen: 4.361 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion:129 Resp: 35365
Ion Ratio Lower Upper
129 100
127 75.5 54.4 101.0





#50

1,2-Dibromoethane

Concen: 4.055 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023196.D

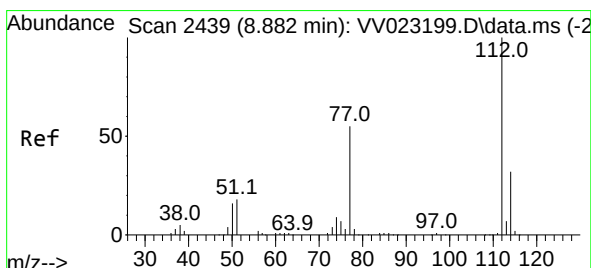
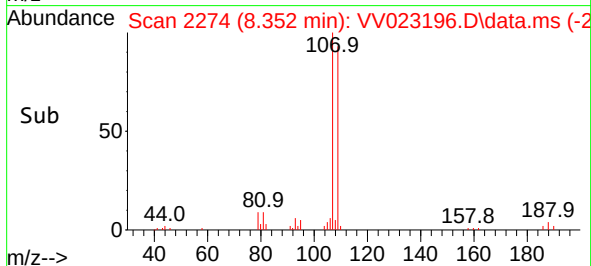
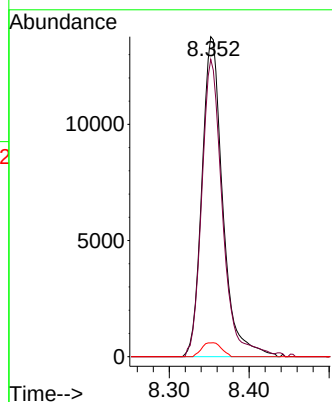
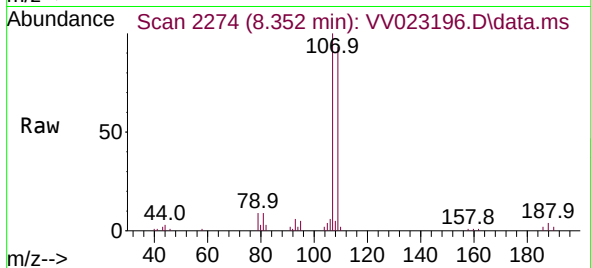
Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	24946
Ion	Ratio	Lower	Upper
107	100		
109	92.9	67.0	124.4
188	4.3	2.9	4.3#



#51

Chlorobenzene

Concen: 4.260 ug/L

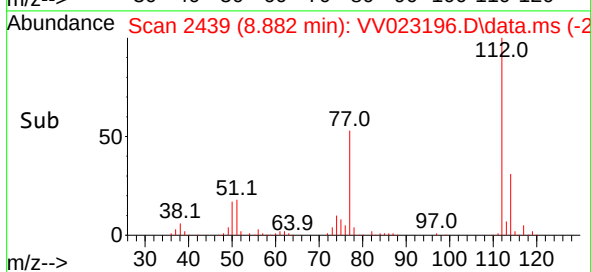
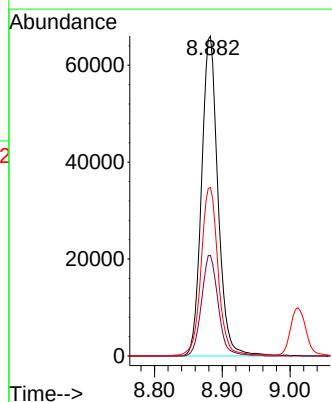
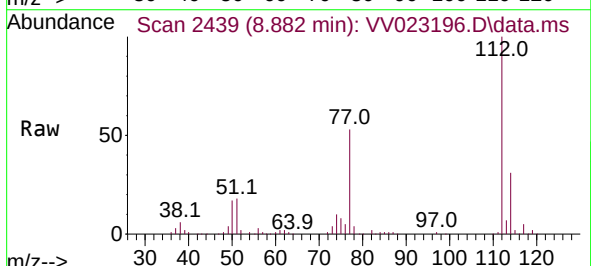
RT: 8.882 min Scan# 2439

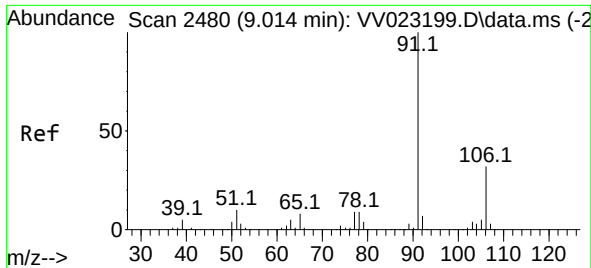
Delta R.T. 0.000 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Tgt Ion:	112	Resp:	111200
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.4	41.6
77	52.7	43.8	65.8

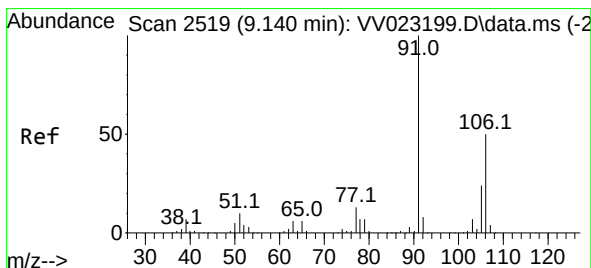
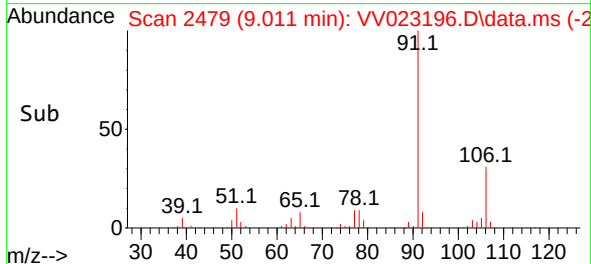
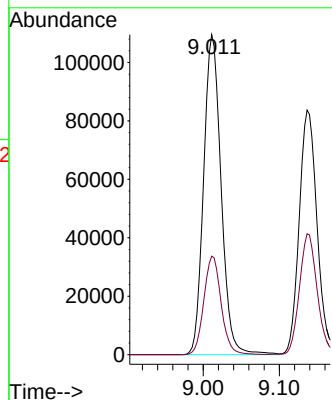
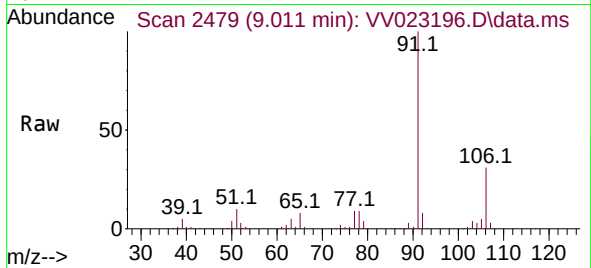




#52
Ethylbenzene
Concen: 4.390 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

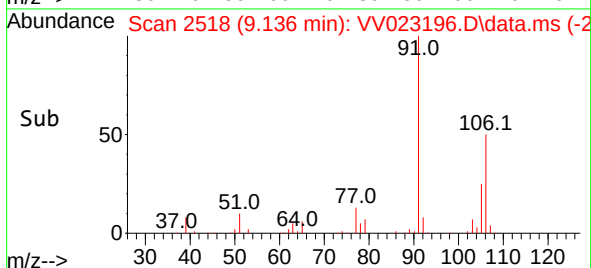
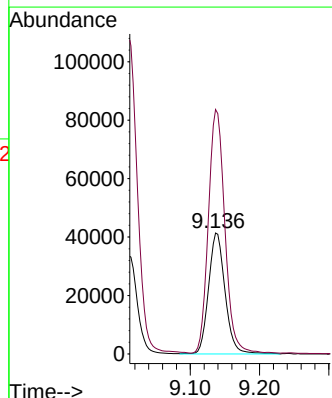
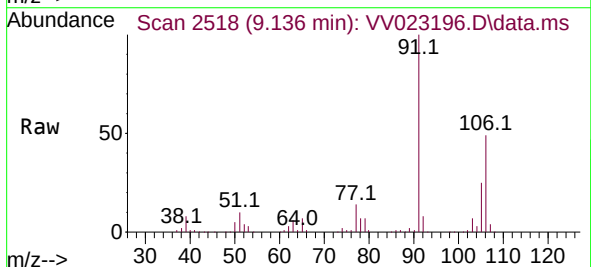
Instrument :
MSVOA_V
ClientSampleId :

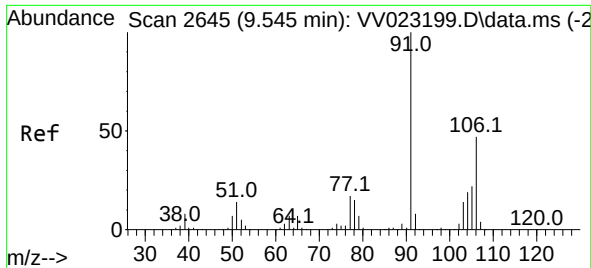
Tgt Ion: 91 Resp: 175126
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.5



#53
m,p-xylene
Concen: 4.304 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 106 Resp: 68334
Ion Ratio Lower Upper
106 100
91 202.2 140.1 260.1

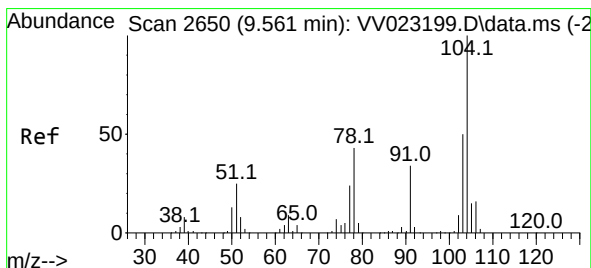
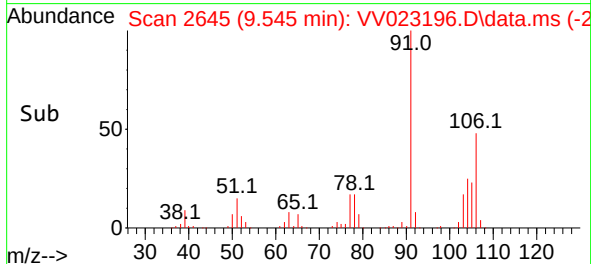
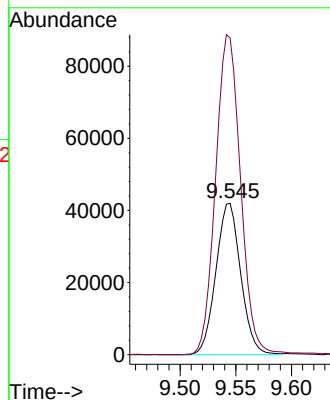
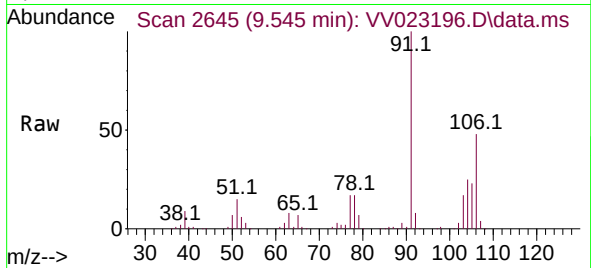




#54
o-xylene
Concen: 4.306 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

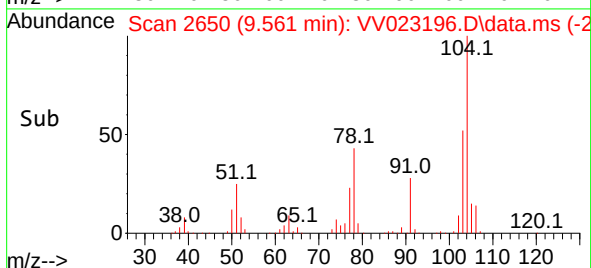
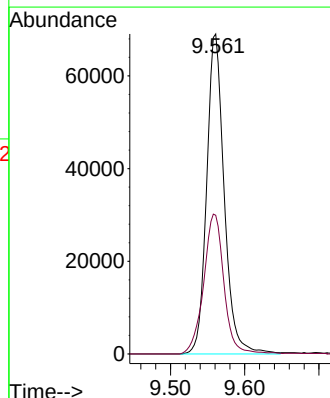
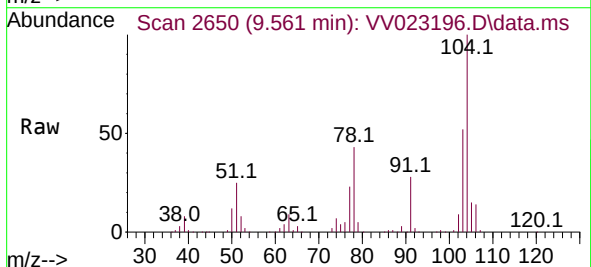
Instrument :
MSVOA_V
ClientSampleId :

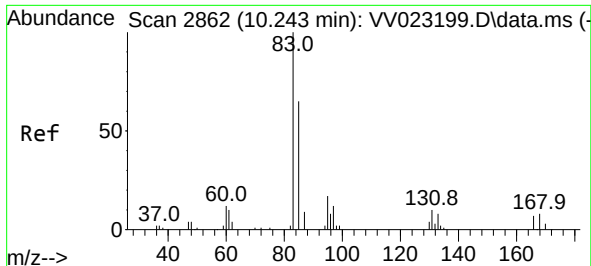
Tgt Ion:106 Resp: 65045
Ion Ratio Lower Upper
106 100
91 209.3 148.1 275.1



#55
Styrene
Concen: 4.377 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion:104 Resp: 113181
Ion Ratio Lower Upper
104 100
78 43.4 30.4 56.5

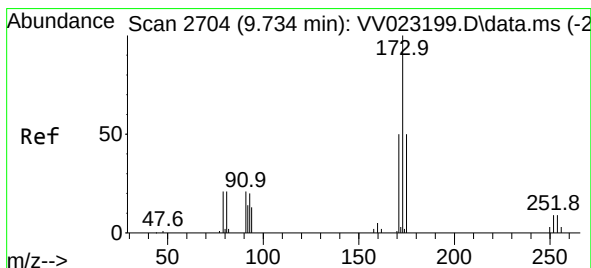
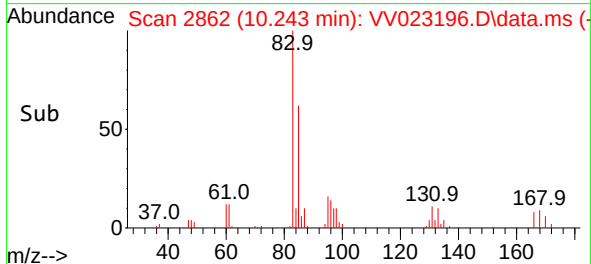
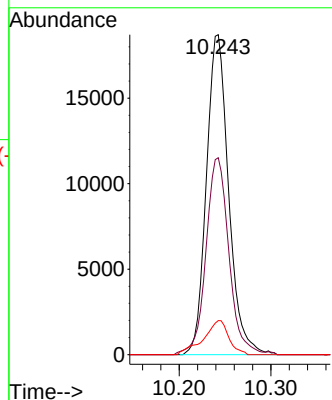
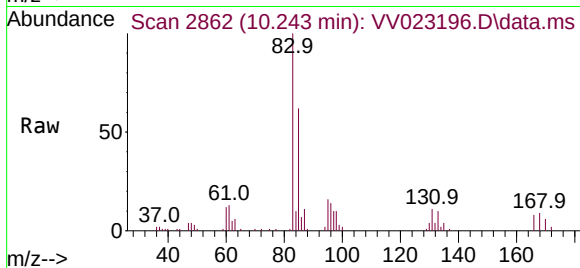




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.192 ug/L
 RT: 10.243 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

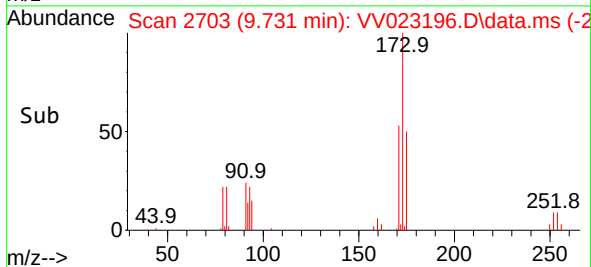
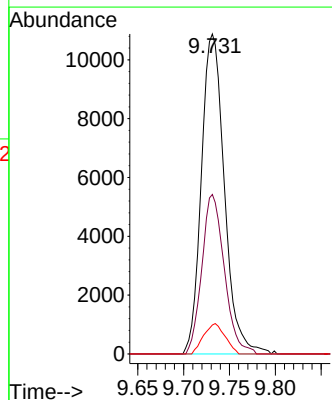
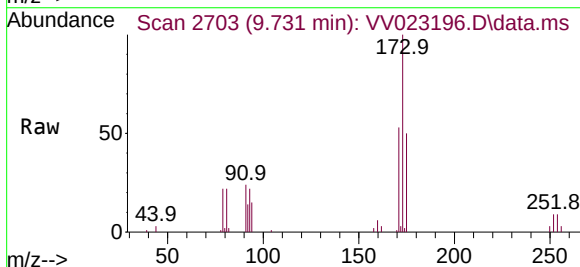
Instrument :
 MSVOA_V
 ClientSampleId :

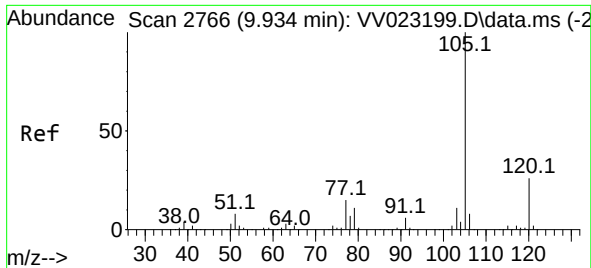
Tgt Ion:	83	Resp:	31529
Ion	Ratio	Lower	Upper
83	100		
85	61.5	46.2	85.8
131	10.7	8.7	13.1



#59
 Bromoform
 Concen: 3.988 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.003 min
 Lab File: VV023196.D
 Acq: 04 Nov 2021 11:49

Tgt Ion:	173	Resp:	19016
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.7	59.5
254	8.8	6.6	10.0

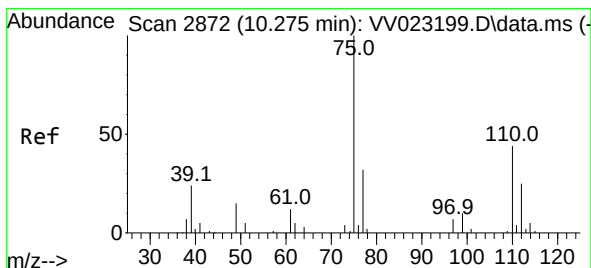
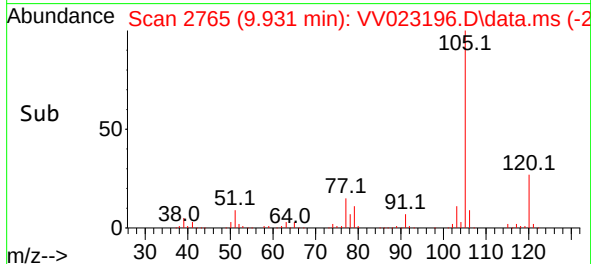
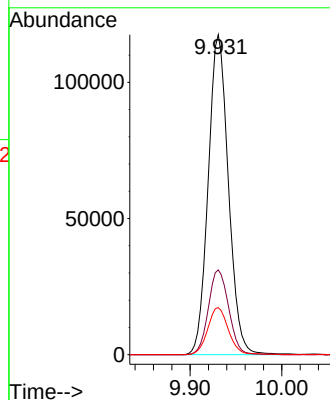
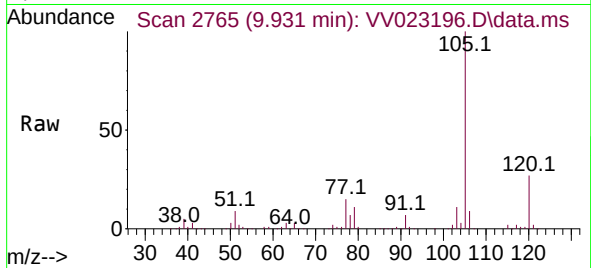




#60
Isopropylbenzene
Concen: 4.266 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

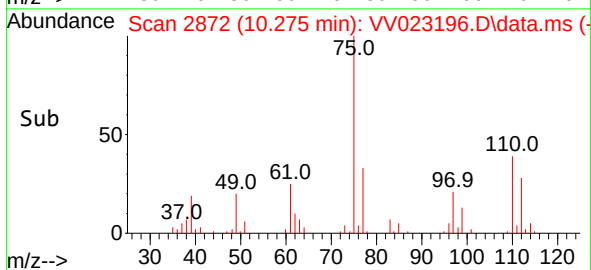
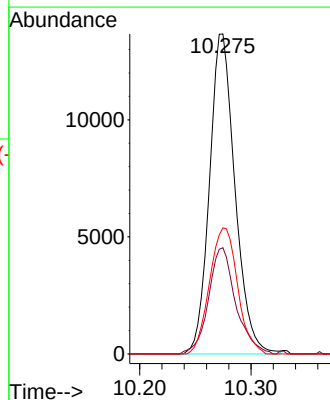
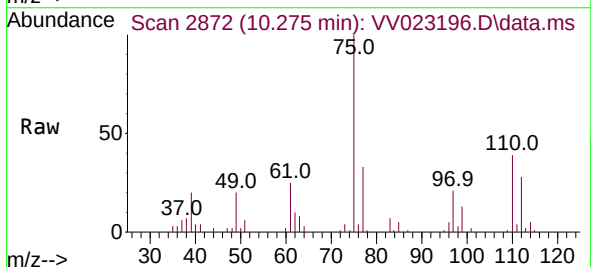
Instrument :
MSVOA_V
ClientSampleId :

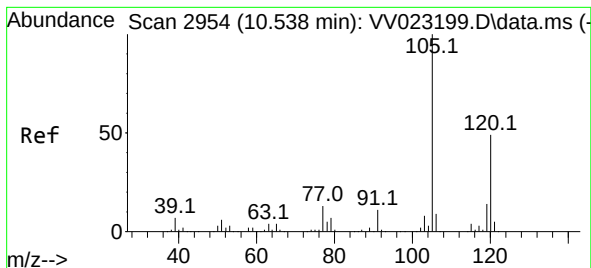
Tgt Ion:105 Resp: 180010
Ion Ratio Lower Upper
105 100
120 26.7 20.9 31.3
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 3.851 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion: 75 Resp: 21766
Ion Ratio Lower Upper
75 100
77 35.3 26.6 39.8
110 43.3 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 4.095 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

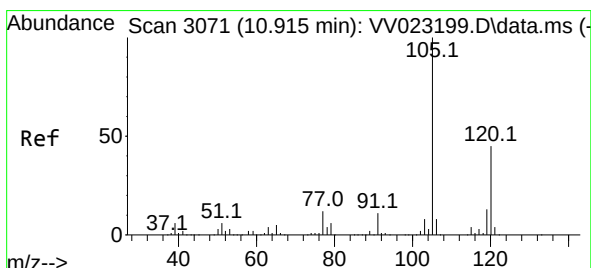
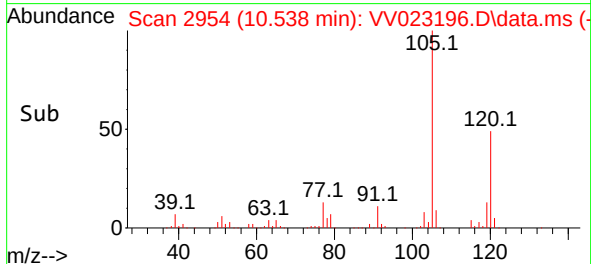
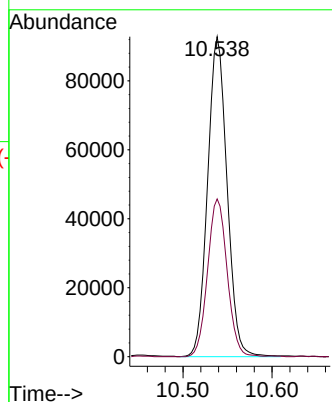
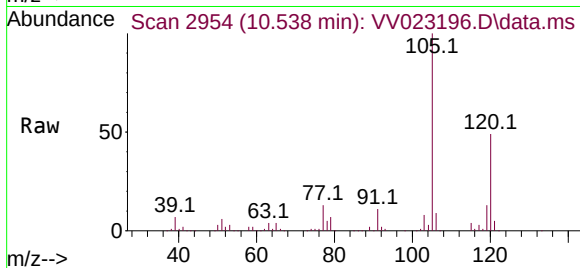
ClientSampleId :

Tgt Ion:105 Resp: 140522

Ion Ratio Lower Upper

105 100

120 49.5 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.230 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023196.D

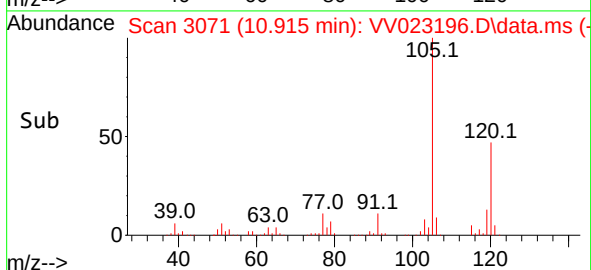
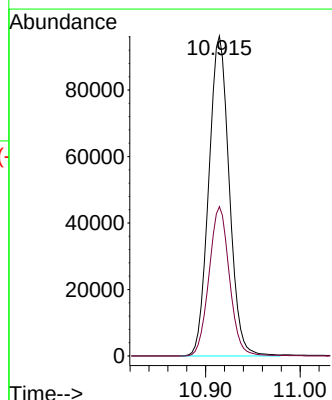
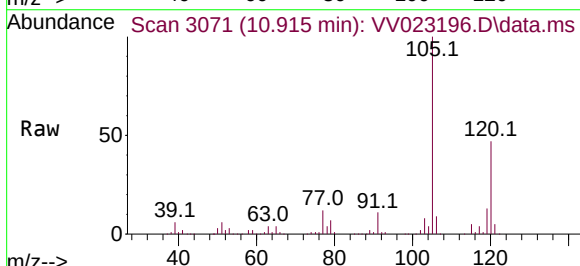
Acq: 04 Nov 2021 11:49

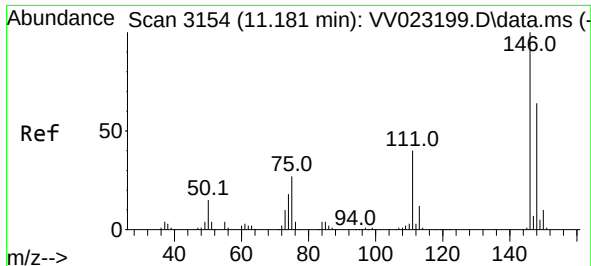
Tgt Ion:105 Resp: 144627

Ion Ratio Lower Upper

105 100

120 46.6 36.5 54.7

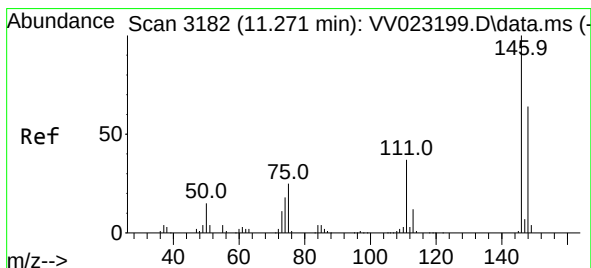
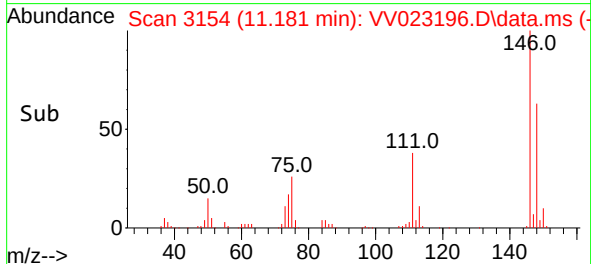
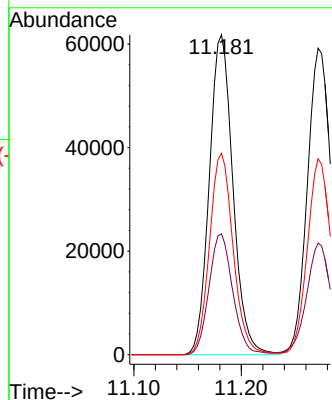
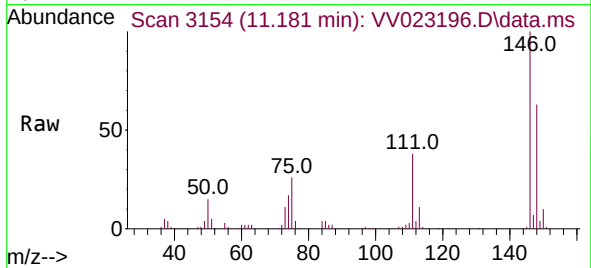




#64
1,3-Dichlorobenzene
Concen: 4.293 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

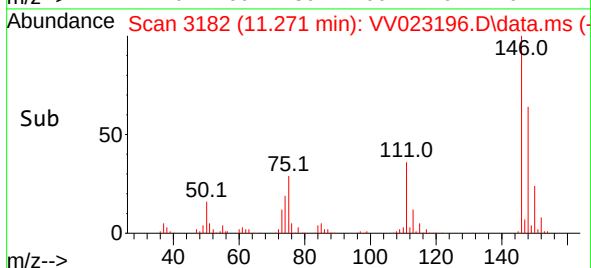
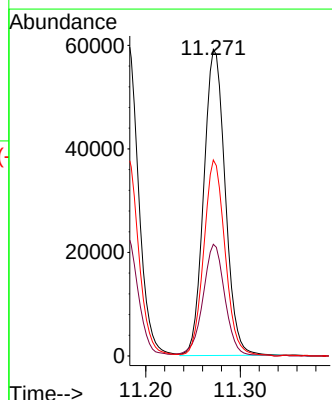
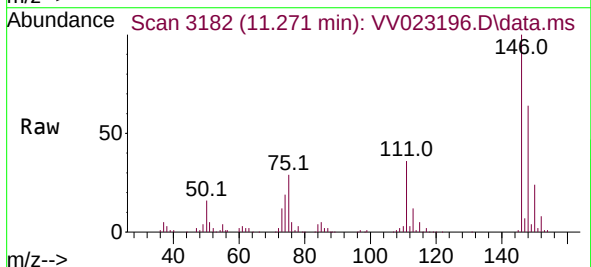
Instrument :
MSVOA_V
ClientSampleId :

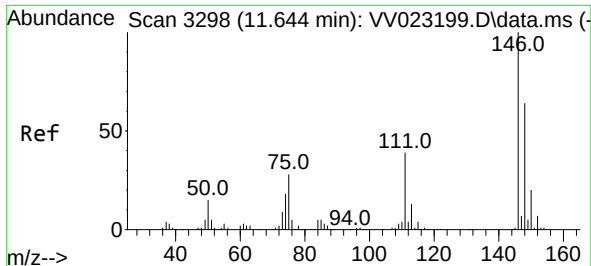
Tgt Ion:146 Resp: 94434
Ion Ratio Lower Upper
146 100
111 37.8 28.1 52.3
148 62.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.161 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023196.D
Acq: 04 Nov 2021 11:49

Tgt Ion:146 Resp: 93192
Ion Ratio Lower Upper
146 100
111 36.4 26.1 48.5
148 63.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.157 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

ClientSampleId :

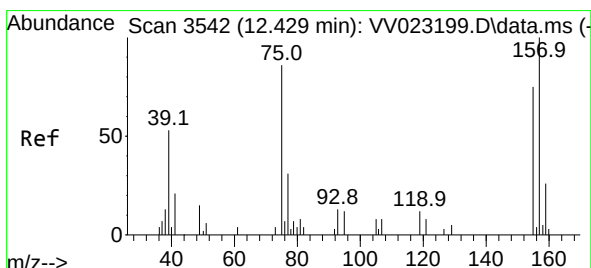
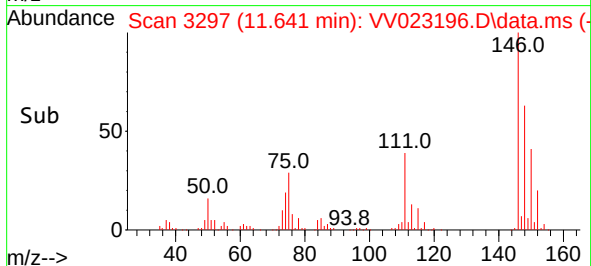
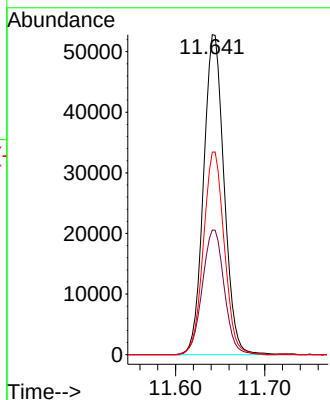
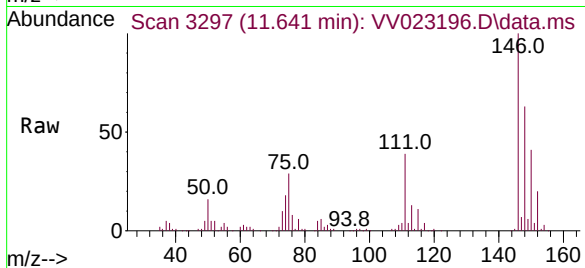
Tgt Ion:146 Resp: 84444

Ion Ratio Lower Upper

146 100

111 39.0 31.3 46.9

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.353 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

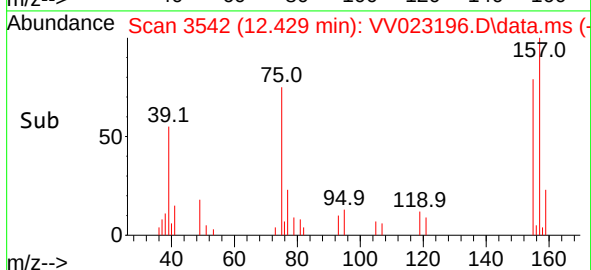
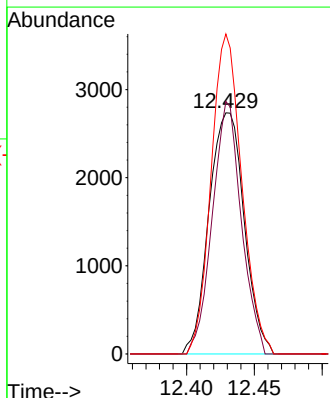
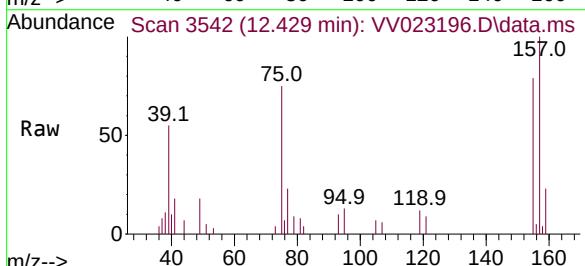
Tgt Ion: 75 Resp: 4936

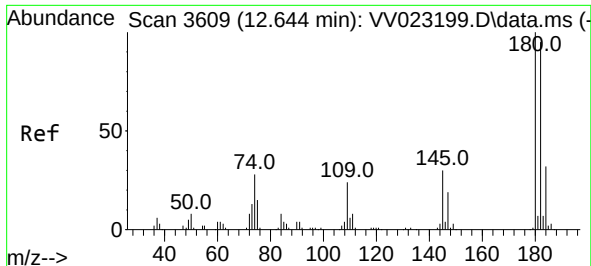
Ion Ratio Lower Upper

75 100

155 104.7 69.4 104.2#

157 132.7 92.8 139.2





#69

1,3,5-Trichlorobenzene

Concen: 4.240 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

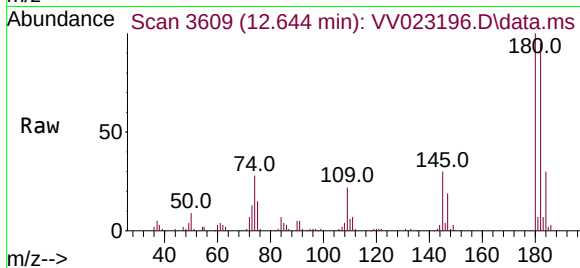
Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 71135

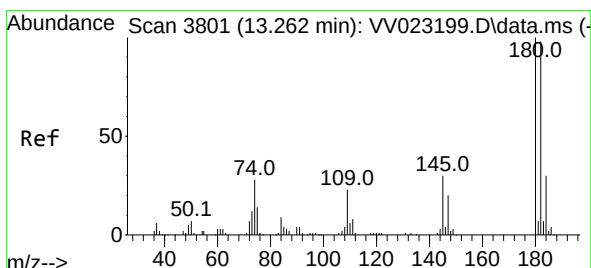
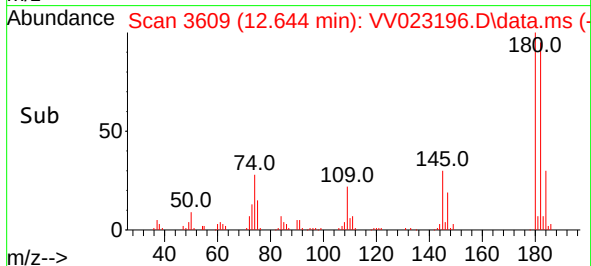
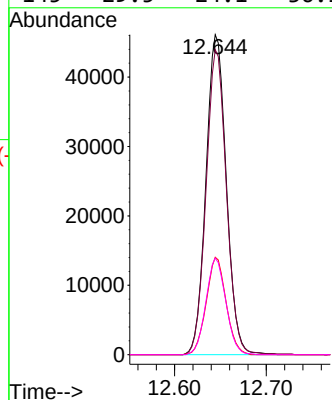
Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

184 29.8 24.9 37.3

145 29.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.352 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

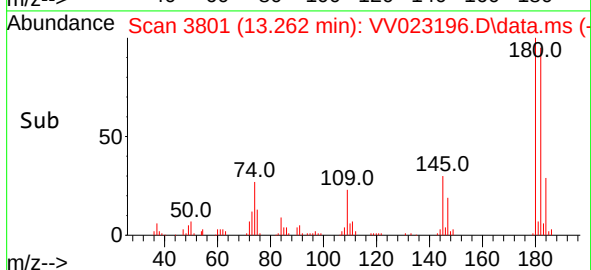
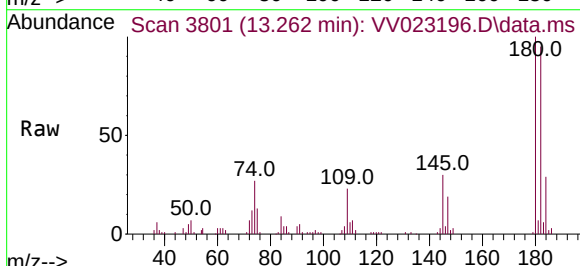
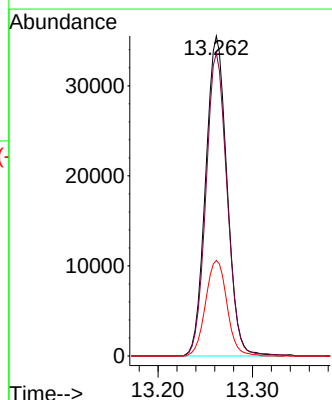
Tgt Ion:180 Resp: 55701

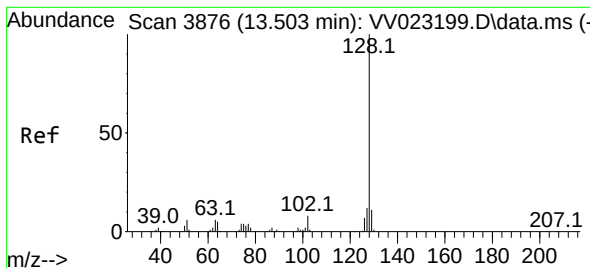
Ion Ratio Lower Upper

180 100

182 93.7 77.4 116.2

145 29.9 24.1 36.1





#71

Naphthalene

Concen: 4.050 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Instrument :

MSVOA_V

ClientSampleId :

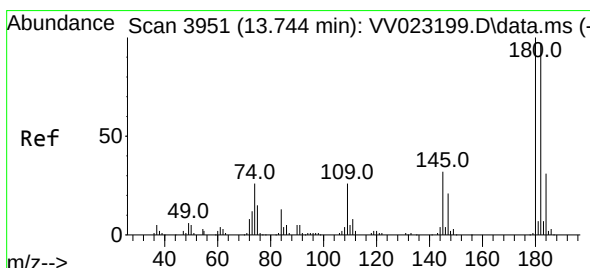
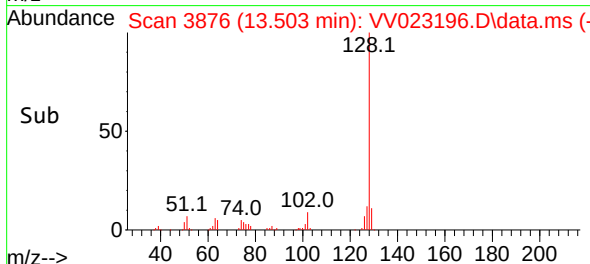
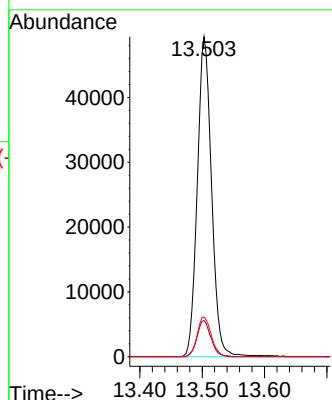
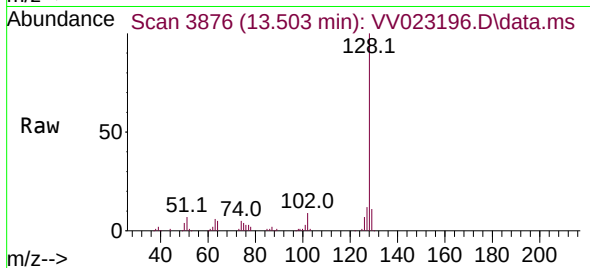
Tgt Ion:128 Resp: 78306

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.3 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.150 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023196.D

Acq: 04 Nov 2021 11:49

Tgt Ion:180 Resp: 48662

Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

145 32.4 25.4 38.0

