

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VW023107.D
 Acq On : 01 Nov 2021 10:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:08:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	34046	3.050	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.564	69	32117	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.105	63	70411	4.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.905	46	94684	52.881	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.760%
24) Chloroform-d	4.346	84	94464	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.031	65	43938	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.047	84	179637	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.066	67	53548	4.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.313	98	167226	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.622	79	20279	5.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.092	63	80520	54.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39415	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	62746	4.981	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	36946	4.559	ug/L	99
3) Chloromethane	1.237	50	38102	4.350	ug/L	96
5) Vinyl chloride	1.307	62	40321	4.457	ug/L	96
6) Bromomethane	1.516	94	26030	5.695	ug/L	96
8) Chloroethane	1.581	64	25156	5.318	ug/L	99
9) Trichlorofluoromethane	1.748	101	66909	5.480	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	37875	5.441	ug/L	98
12) 1,1-Dichloroethene	2.114	96	33525	5.126	ug/L	92
13) Acetone	2.204	43	55856	63.584	ug/L	99
14) Carbon disulfide	2.288	76	105173	5.905	ug/L	99
15) Methyl Acetate	2.439	43	10188	3.049	ug/L	90
16) Methylene chloride	2.503	84	44512	6.197	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	82920	5.311	ug/L	94
18) trans-1,2-Dichloroethene	2.754	96	42120	6.033	ug/L	91
19) 1,1-Dichloroethane	3.185	63	76710	5.980	ug/L	98
21) 2-Butanone	3.989	43	77349	44.977	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	43121	5.447	ug/L #	90
23) Bromochloromethane	4.243	128	19439	5.410	ug/L	87
25) Chloroform	4.371	83	80644	4.758	ug/L	97

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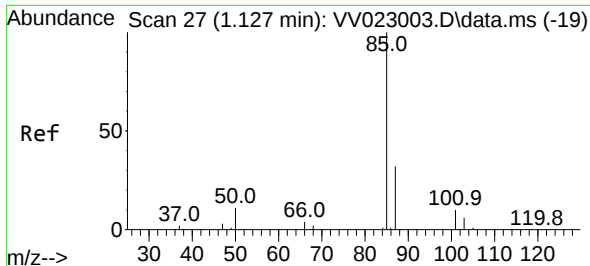
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42682	4.775	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	71891	5.018	ug/L	100
30) Cyclohexane	4.670	56	57873	4.627	ug/L	98
31) Carbon tetrachloride	4.825	117	64302	5.216	ug/L	98
33) Benzene	5.098	78	167667	4.914	ug/L	100
34) Trichloroethene	5.915	95	41860	4.884	ug/L	98
35) Methylcyclohexane	6.127	83	62685	5.108	ug/L	97
37) 1,2-Dichloropropane	6.172	63	41204	4.791	ug/L	99
38) Bromodichloromethane	6.510	83	53129	5.008	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	55673	5.199	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	202938	50.128	ug/L	99
42) Toluene	7.387	91	179428	5.190	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	48663	5.493	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	28215	4.690	ug/L	99
47) Tetrachloroethene	7.973	164	36331	5.017	ug/L	97
48) 2-Hexanone	8.140	43	147162	48.969	ug/L	97
49) Dibromochloromethane	8.246	129	36914	5.157	ug/L	98
50) 1,2-Dibromoethane	8.352	107	26009	4.802	ug/L	100
51) Chlorobenzene	8.879	112	113927	5.016	ug/L	99
52) Ethylbenzene	9.011	91	182621	5.321	ug/L	98
53) m,p-xylene	9.140	106	72113	5.240	ug/L	99
54) o-xylene	9.545	106	67868	5.238	ug/L	100
55) Styrene	9.561	104	120511	5.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	32645	4.855	ug/L	97
59) Bromoform	9.731	173	20226	4.916	ug/L	99
60) Isopropylbenzene	9.931	105	185745	5.202	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22102	4.447	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	146486	5.107	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	151965	5.308	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	95564	5.086	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	98460	5.158	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	85974	4.915	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4615	4.706	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	74182	5.184	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	57759	5.394	ug/L	100
71) Naphthalene	13.503	128	84144	5.168	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51697	5.200	ug/L	100

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

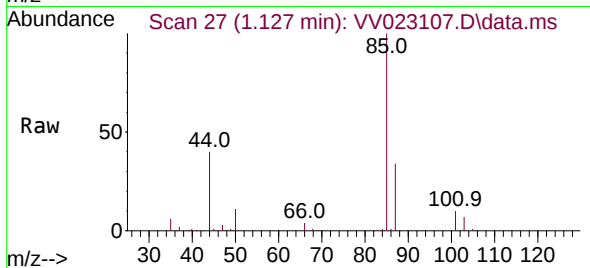
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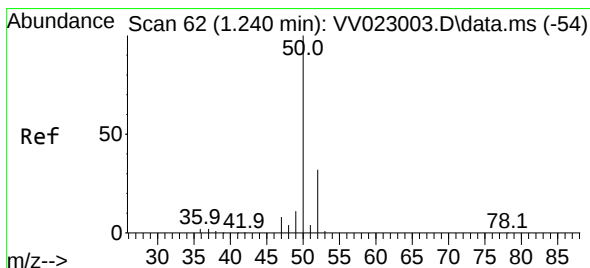
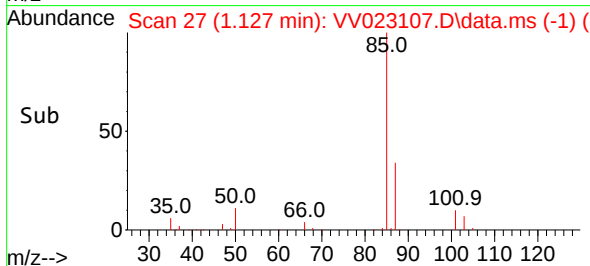
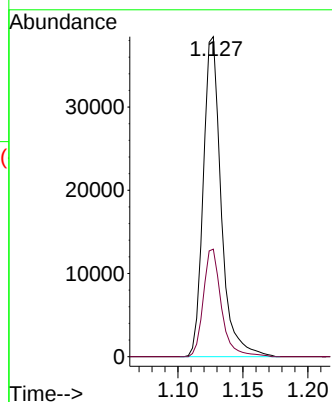


#2
 Dichlorodifluoromethane
 Concen: 4.559 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

Instrument :
 MSVOA_V
 ClientSampleId :

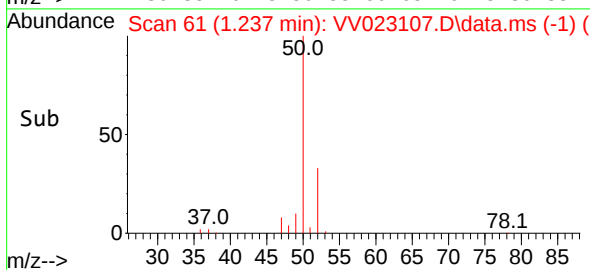
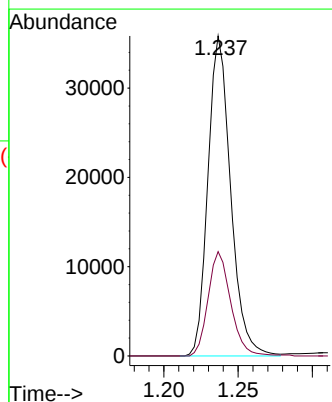
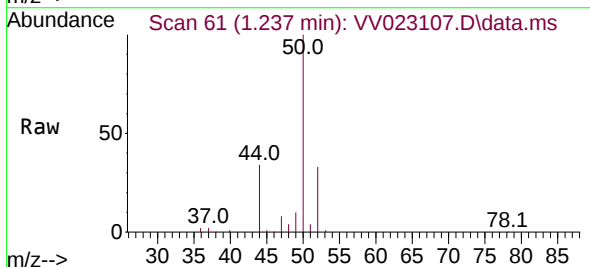


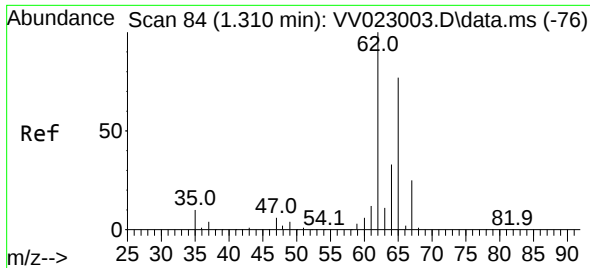
Tgt Ion: 85 Resp: 36946
 Ion Ratio Lower Upper
 85 100
 87 34.0 26.6 39.8



#3
 Chloromethane
 Concen: 4.350 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

Tgt Ion: 50 Resp: 38102
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.3 45.1

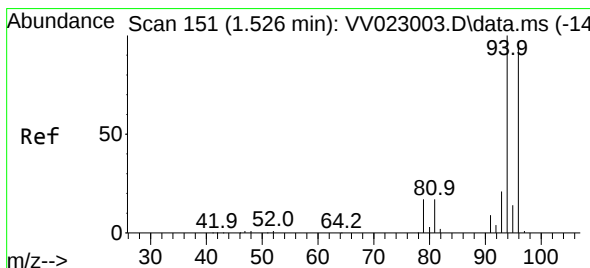
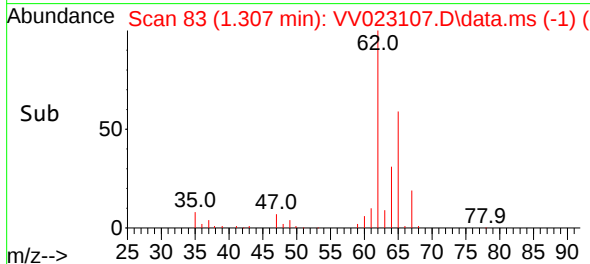
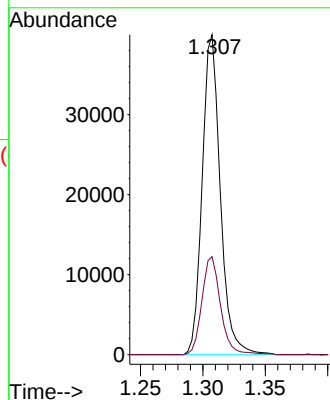
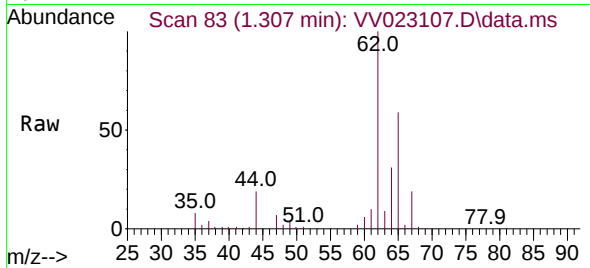




#5
 Vinyl chloride
 Concen: 4.457 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

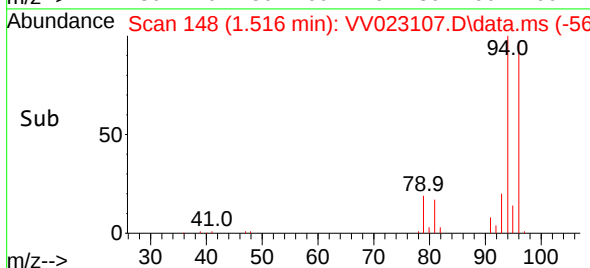
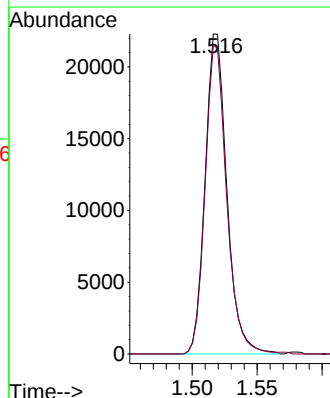
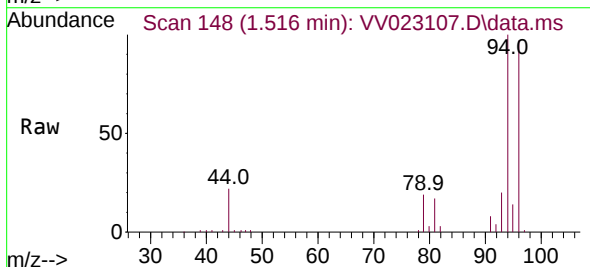
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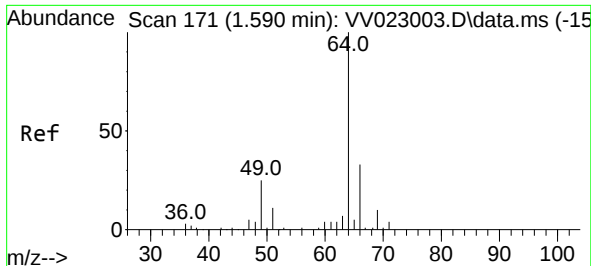
Tgt Ion: 62 Resp: 40321
 Ion Ratio Lower Upper
 62 100
 64 30.7 23.1 42.9



#6
 Bromomethane
 Concen: 5.695 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

Tgt Ion: 94 Resp: 26030
 Ion Ratio Lower Upper
 94 100
 96 96.6 65.0 120.8

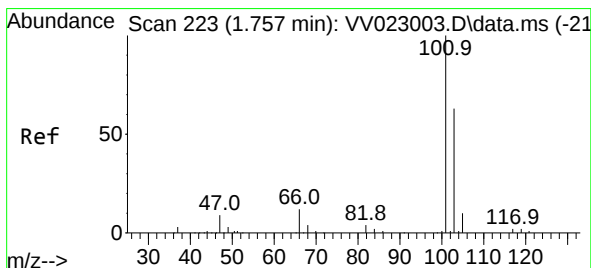
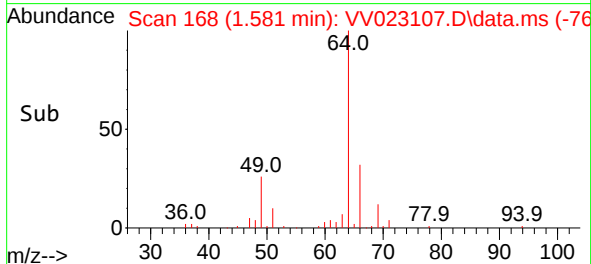
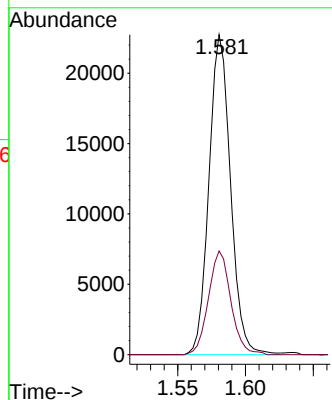
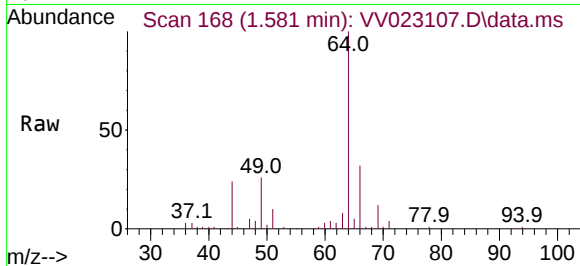




#8
Chloroethane
Concen: 5.318 ug/L
RT: 1.581 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

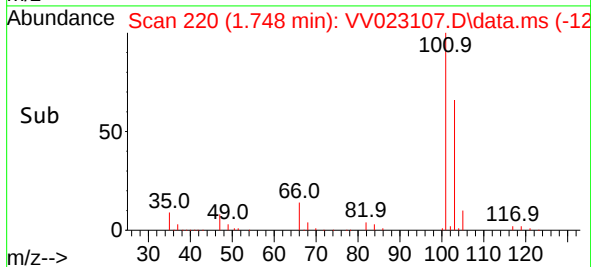
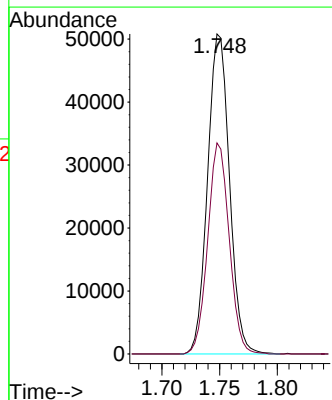
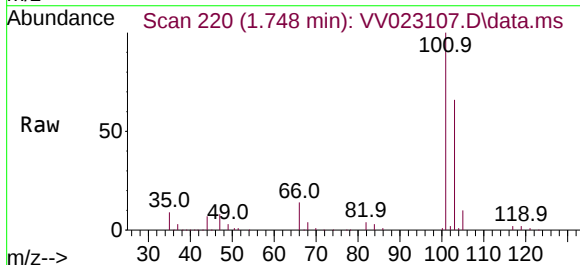
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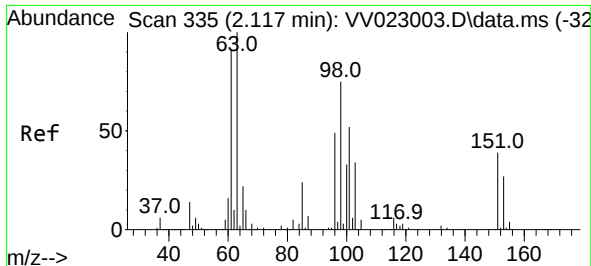
Tgt Ion: 64 Resp: 25156
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.480 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 101 Resp: 66909
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

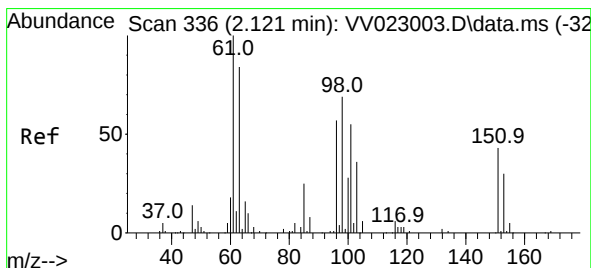
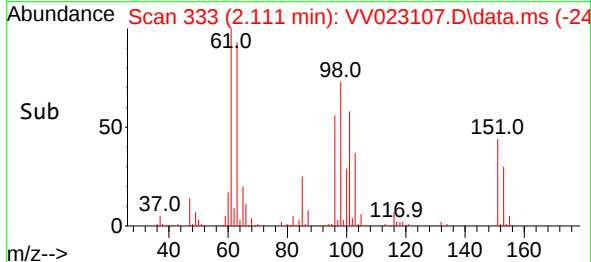
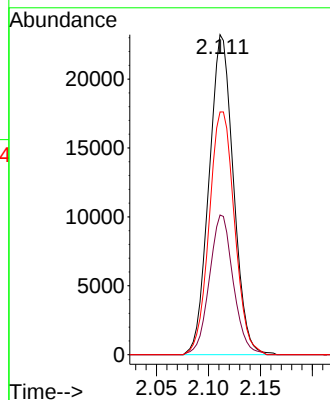
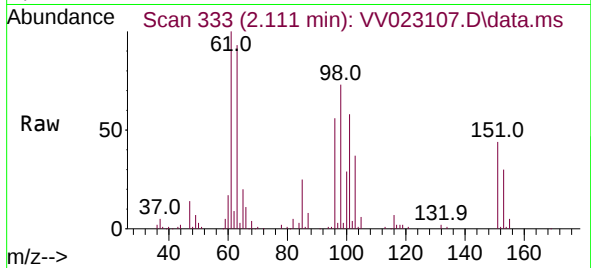




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.441 ug/L
 RT: 2.111 min Scan# 331
 Delta R.T. -0.003 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

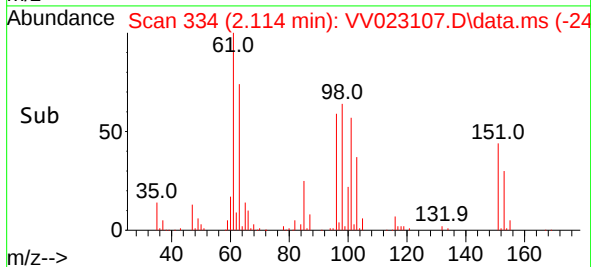
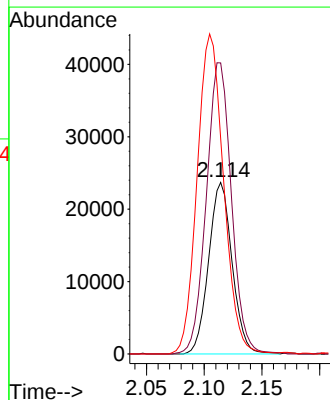
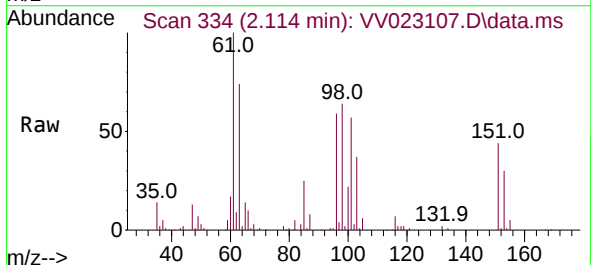
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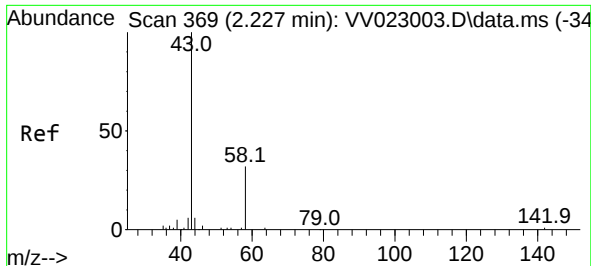
Tgt Ion:101 Resp: 37875
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.3 52.9
 151 78.9 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.126 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

Tgt Ion: 96 Resp: 33525
 Ion Ratio Lower Upper
 96 100
 61 169.6 121.5 225.7
 63 125.5 99.6 185.0





#13

Acetone

Concen: 63.584 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

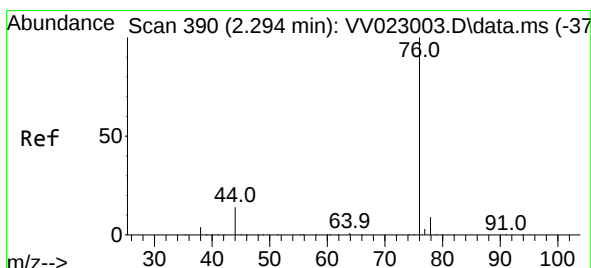
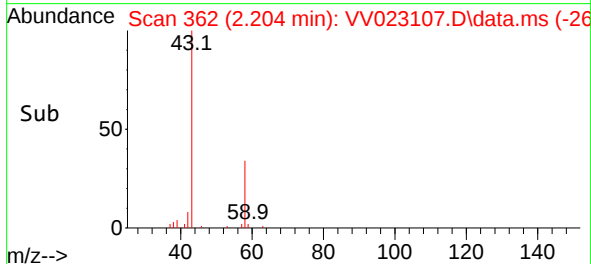
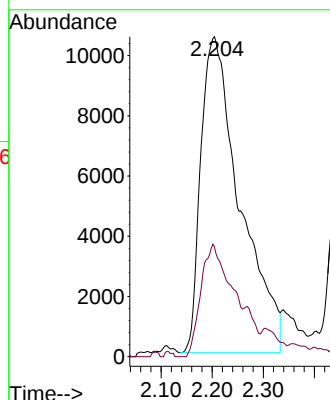
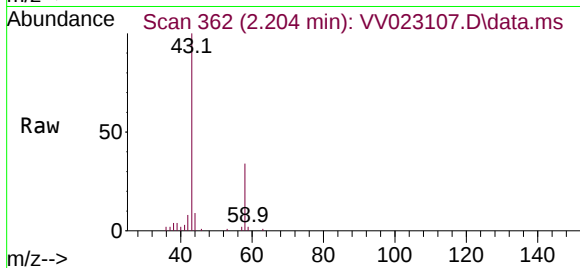
ClientSampleId :

Tgt Ion: 43 Resp: 55856

Ion Ratio Lower Upper

43 100

58 27.1 0.0 55.4



#14

Carbon disulfide

Concen: 5.905 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV023107.D

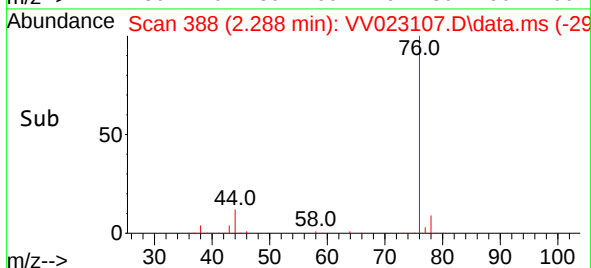
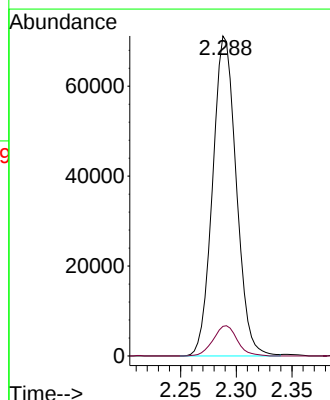
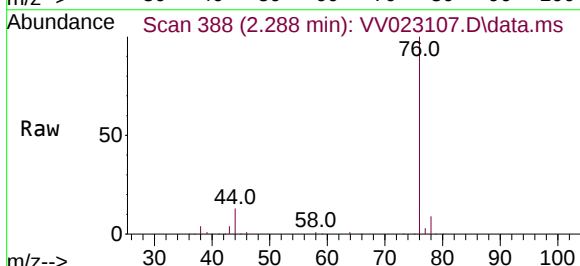
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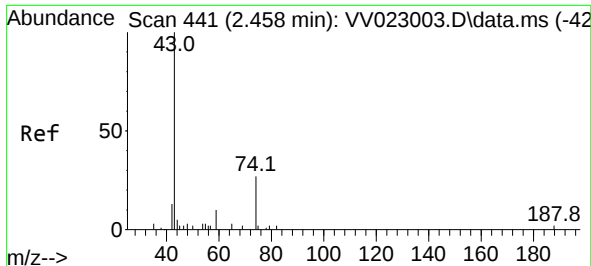
Tgt Ion: 76 Resp: 105173

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

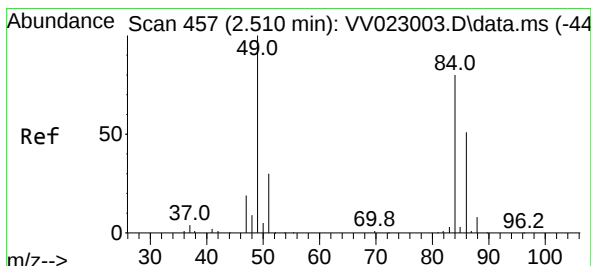
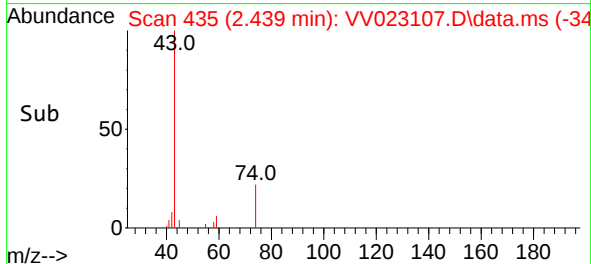
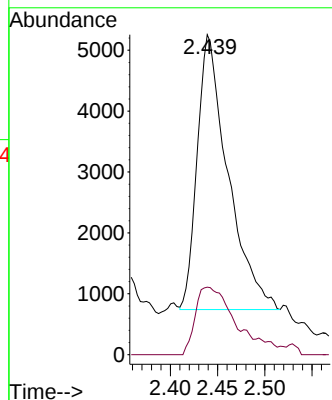
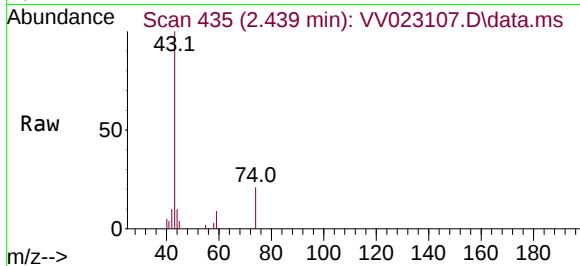




#15
Methyl Acetate
Concen: 3.049 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

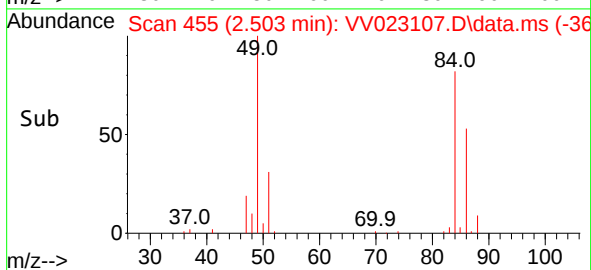
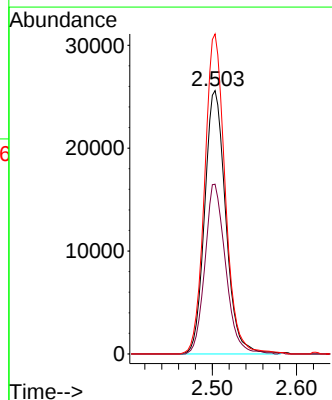
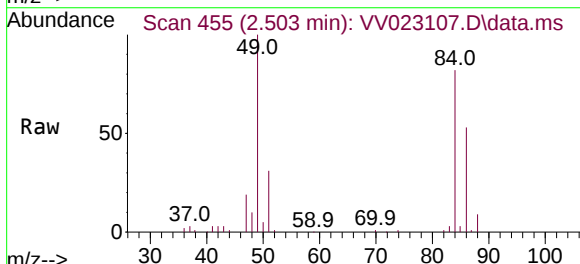
Instrument :
MSVOA_V
ClientSampleId :

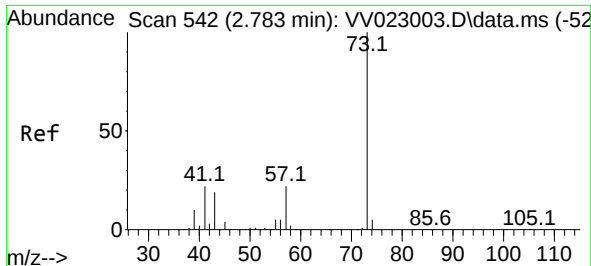
Tgt Ion: 43 Resp: 10188
Ion Ratio Lower Upper
43 100
74 33.2 22.2 33.2



#16
Methylene chloride
Concen: 6.197 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 84 Resp: 44512
Ion Ratio Lower Upper
84 100
86 64.5 42.3 78.5
49 121.5 79.7 148.1

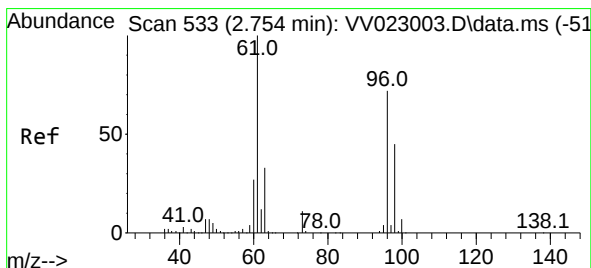
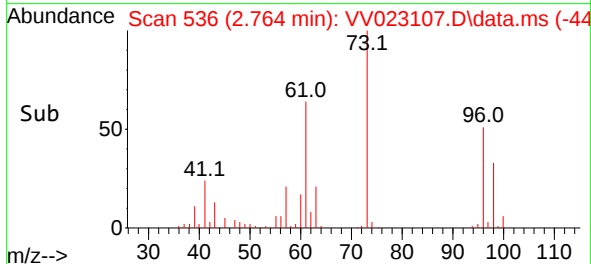
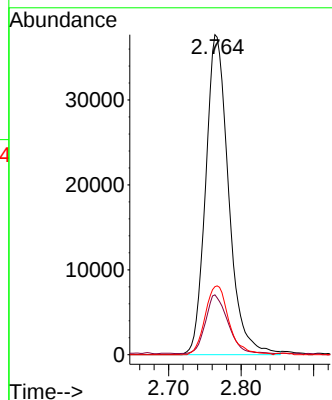
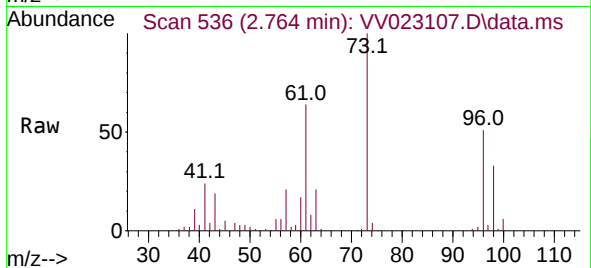




#17
Methyl tert-butyl Ether
Concen: 5.311 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

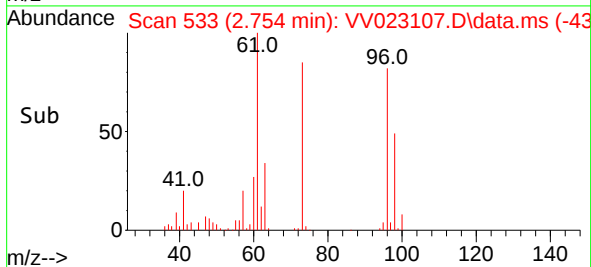
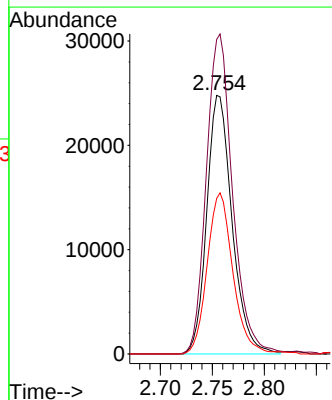
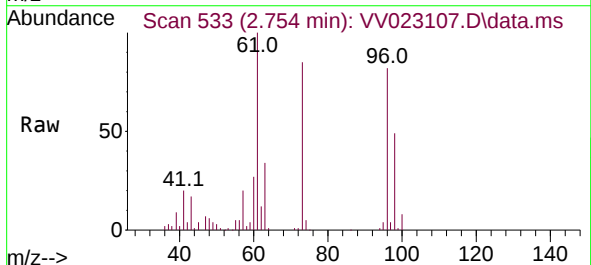
Instrument :
MSVOA_V
ClientSampleId :

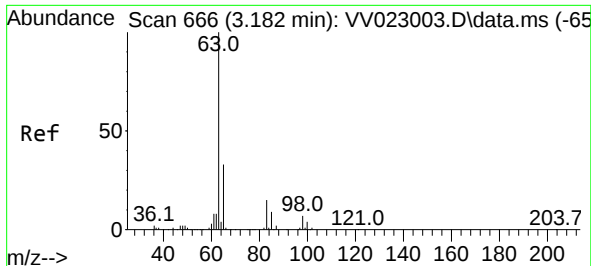
Tgt Ion: 73 Resp: 82920
Ion Ratio Lower Upper
73 100
43 17.8 17.4 26.0
57 22.3 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 6.033 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 96 Resp: 42120
Ion Ratio Lower Upper
96 100
61 121.7 93.2 173.2
98 60.2 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.980 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

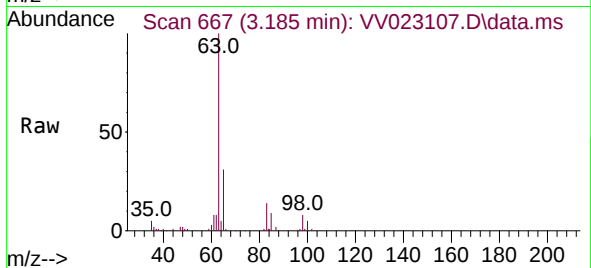
Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

ClientSampleId :



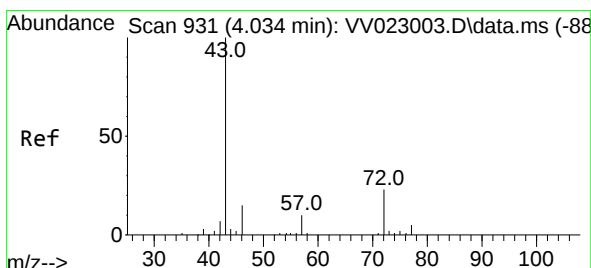
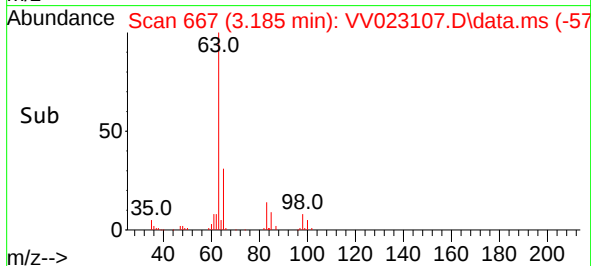
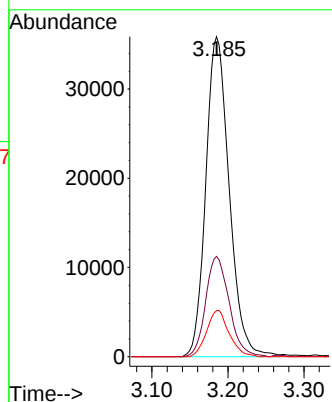
Tgt Ion: 63 Resp: 76710

Ion Ratio Lower Upper

63 100

65 31.3 22.6 42.0

83 14.4 11.1 20.7



#21

2-Butanone

Concen: 44.977 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.006 min

Lab File: VV023107.D

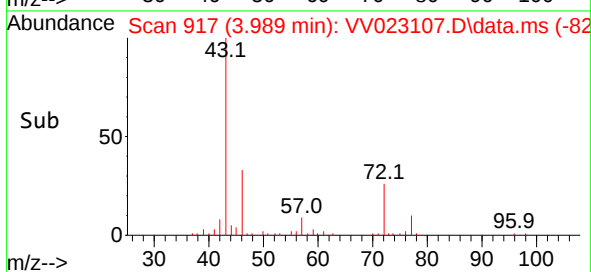
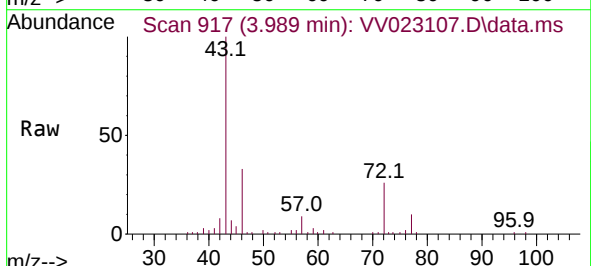
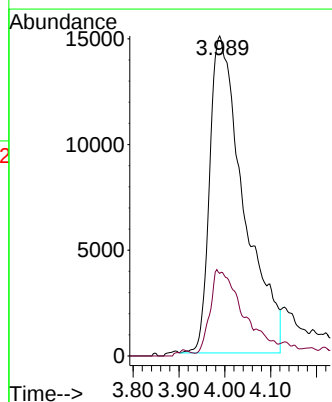
Acq: 01 Nov 2021 10:58

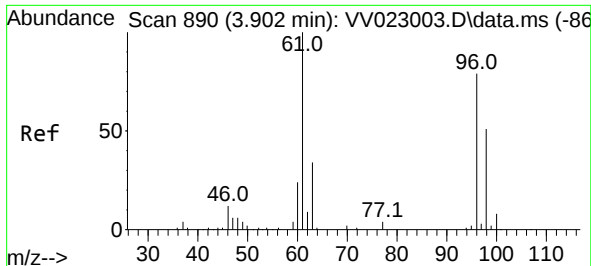
Tgt Ion: 43 Resp: 77349

Ion Ratio Lower Upper

43 100

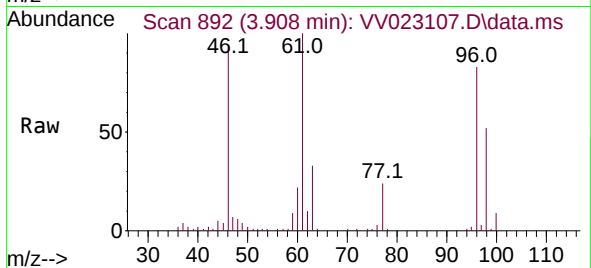
72 25.6 11.9 35.9



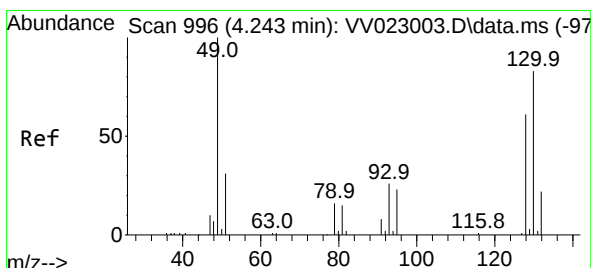
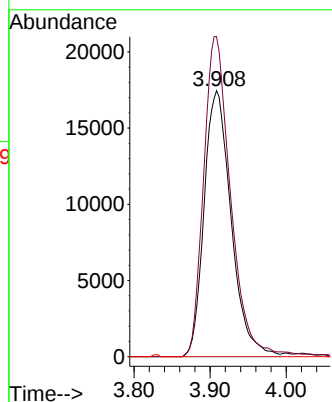
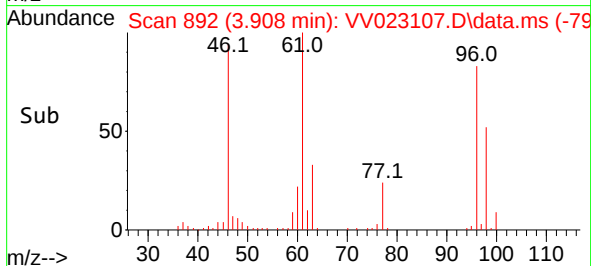


#22
 cis-1,2-Dichloroethene
 Concen: 5.447 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

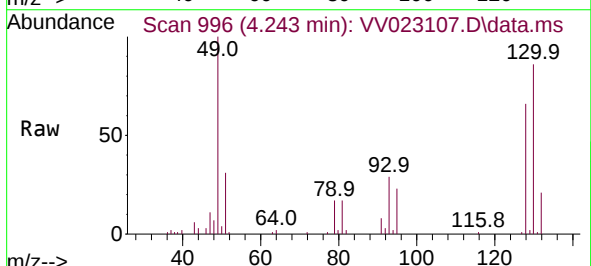
Instrument :
 MSVOA_V
 ClientSampleId :



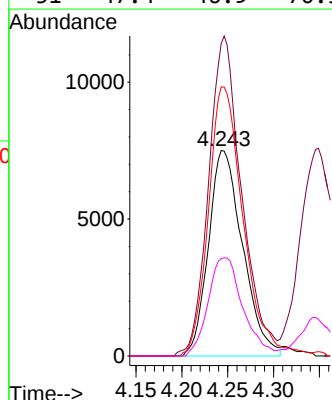
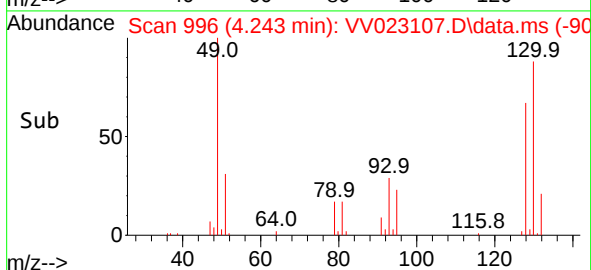
Tgt Ion: 96 Resp: 43121
 Ion Ratio Lower Upper
 96 100
 61 120.3 92.3 171.3
 68 0.0 0.4 0.8#

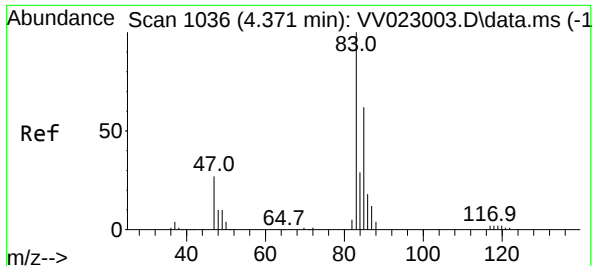


#23
 Bromochloromethane
 Concen: 5.410 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.003 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58



Tgt Ion: 128 Resp: 19439
 Ion Ratio Lower Upper
 128 100
 49 152.0 126.1 234.3
 130 131.0 95.2 176.8
 51 47.4 46.9 70.3

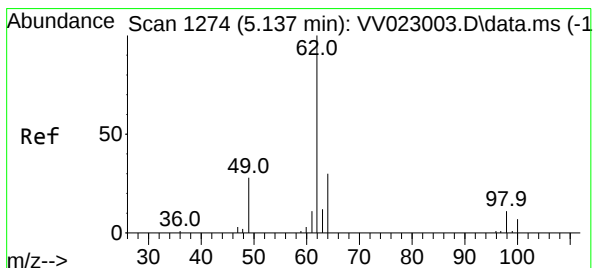
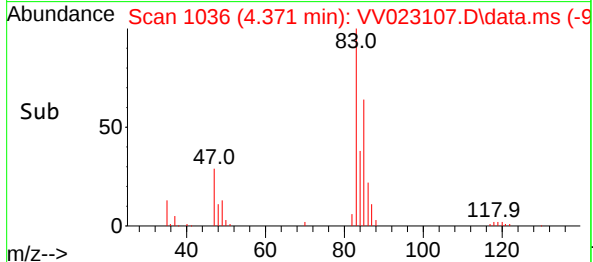
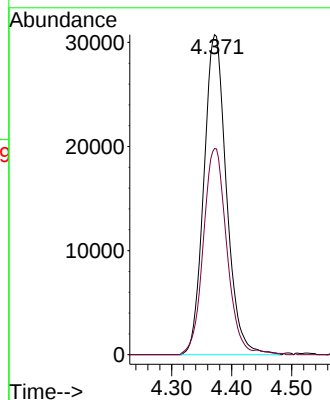
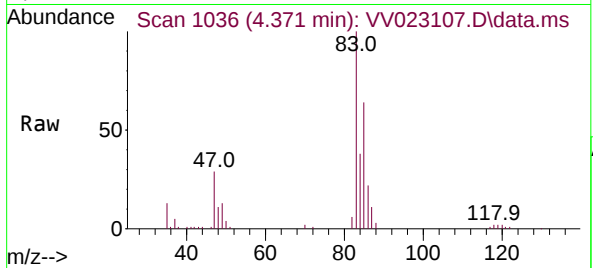




#25
Chloroform
Concen: 4.758 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

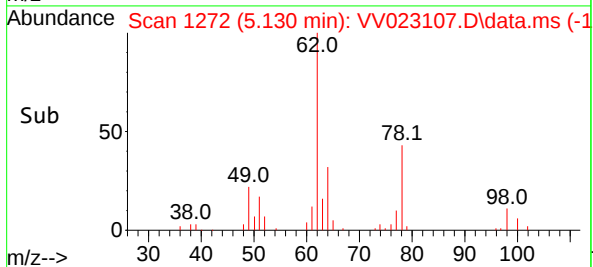
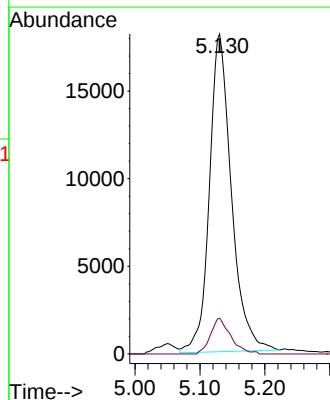
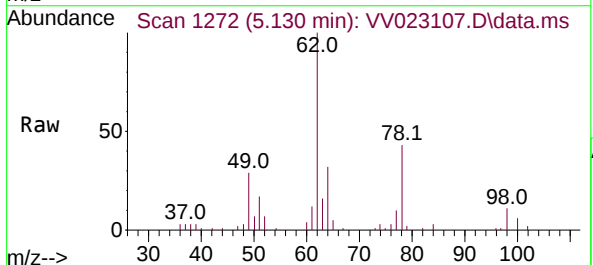
Instrument :
MSVOA_V
ClientSampleId :

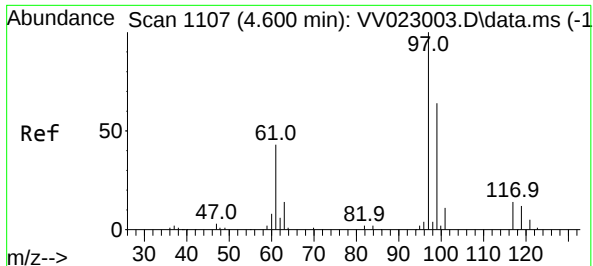
Tgt Ion: 83 Resp: 80644
Ion Ratio Lower Upper
83 100
85 64.4 46.8 86.8



#27
1,2-Dichloroethane
Concen: 4.775 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 62 Resp: 42682
Ion Ratio Lower Upper
62 100
98 11.2 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.018 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

ClientSampleId :

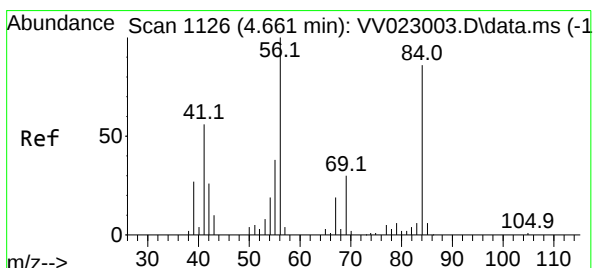
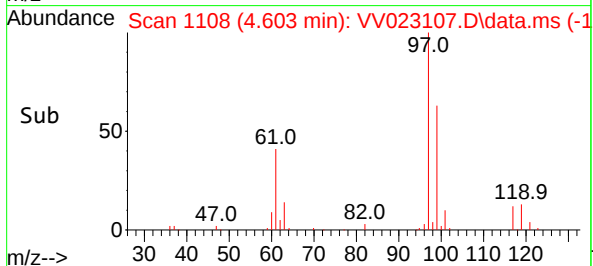
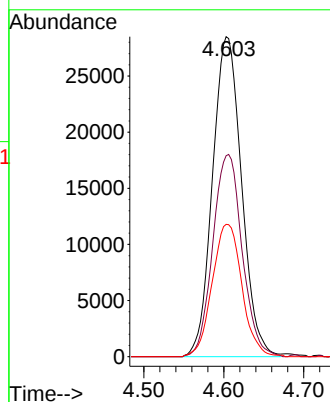
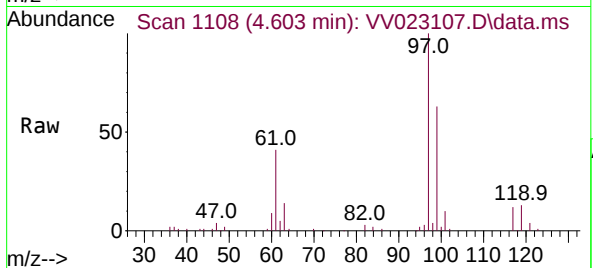
Tgt Ion: 97 Resp: 71891

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 42.3 34.1 51.1



#30

Cyclohexane

Concen: 4.627 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

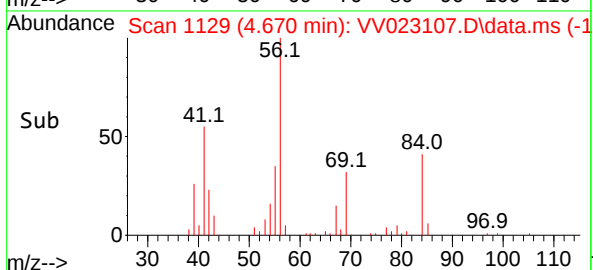
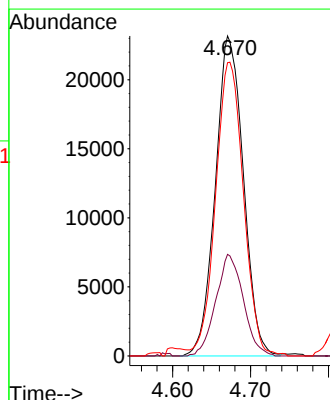
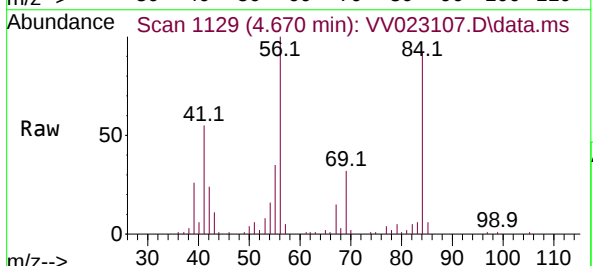
Tgt Ion: 56 Resp: 57873

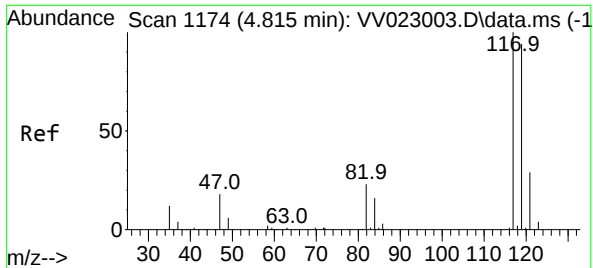
Ion Ratio Lower Upper

56 100

69 31.1 23.5 35.3

84 91.3 71.6 107.4

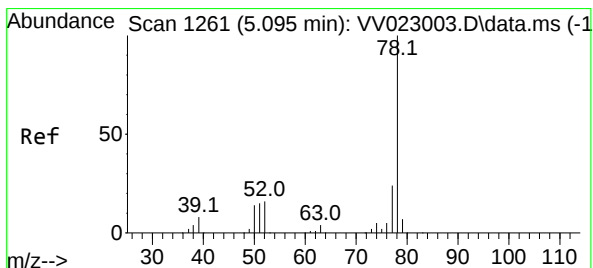
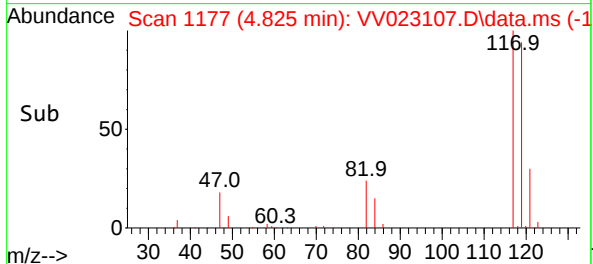
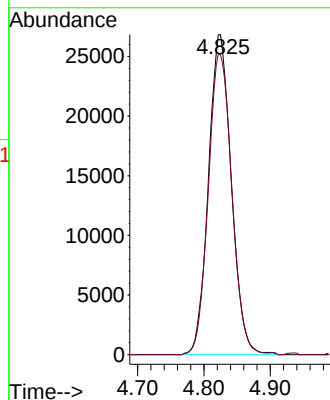
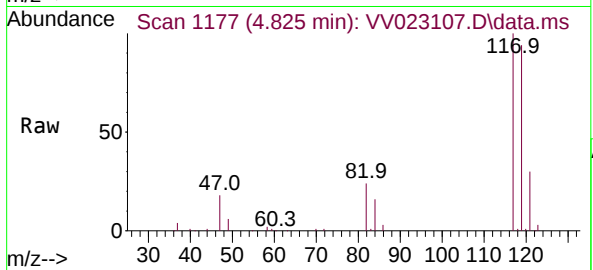




#31
Carbon tetrachloride
Concen: 5.216 ug/L
RT: 4.825 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

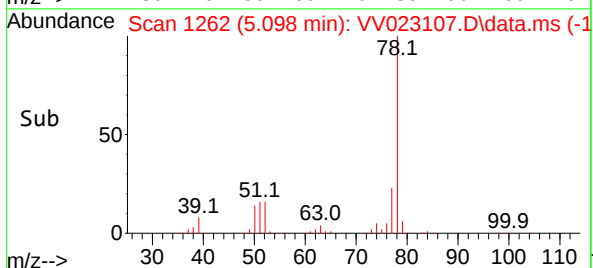
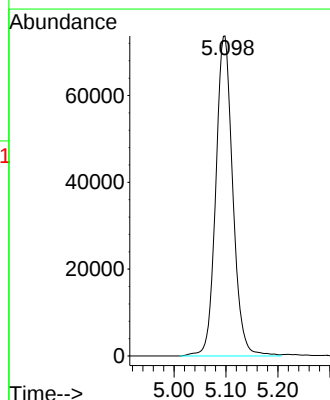
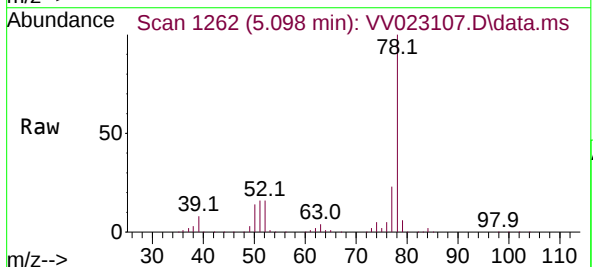
Instrument :
MSVOA_V
ClientSampleId :

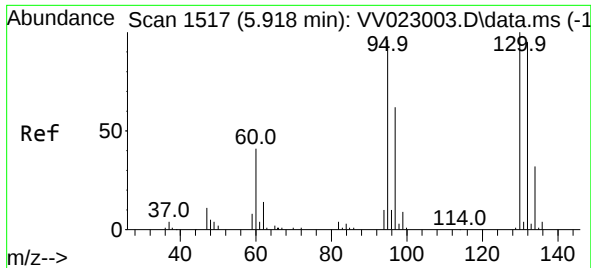
Tgt Ion:117 Resp: 64302
Ion Ratio Lower Upper
117 100
119 96.4 78.8 118.2



#33
Benzene
Concen: 4.914 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 78 Resp: 167667

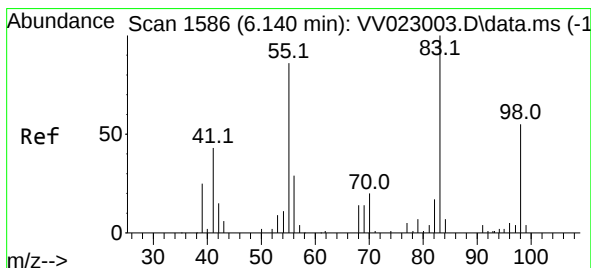
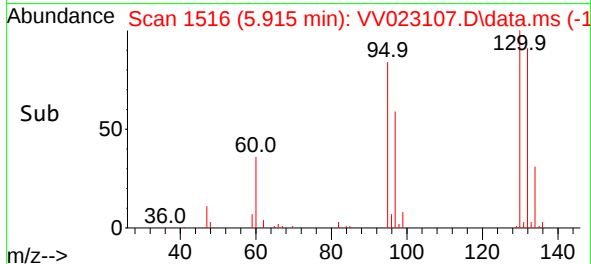
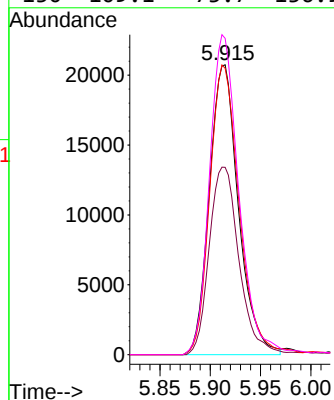
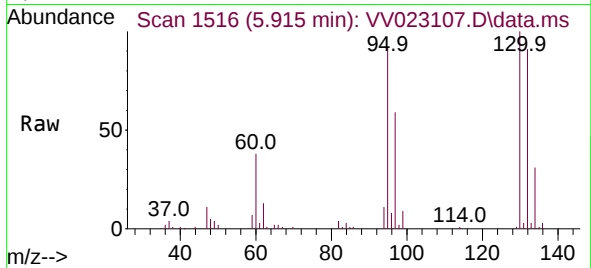




#34
Trichloroethene
Concen: 4.884 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

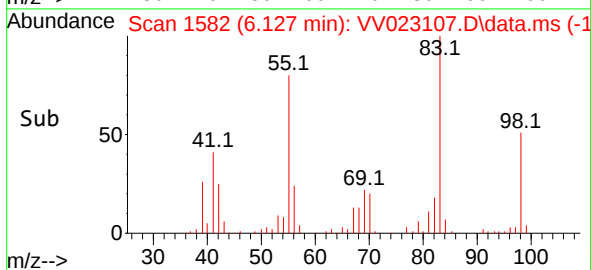
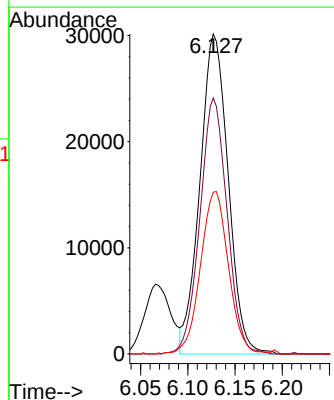
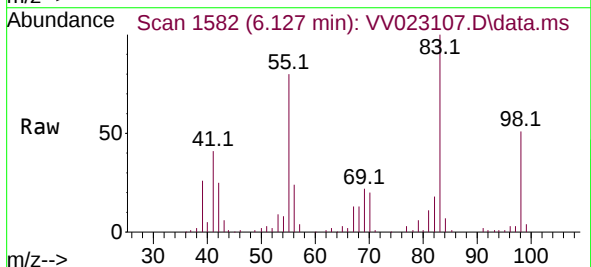
Instrument :
MSVOA_V
ClientSampleId :

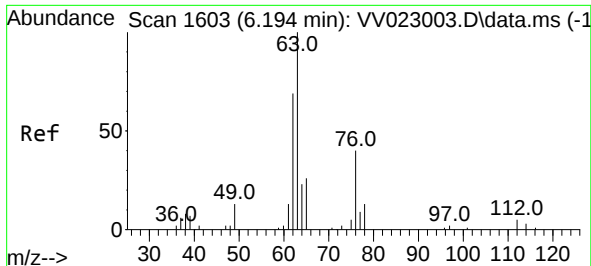
Tgt Ion: 95 Resp: 41860
Ion Ratio Lower Upper
95 100
97 64.6 45.0 83.6
132 98.8 69.7 129.4
130 109.1 73.7 136.9



#35
Methylcyclohexane
Concen: 5.108 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 83 Resp: 62685
Ion Ratio Lower Upper
83 100
55 77.0 62.8 94.2
98 50.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.791 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

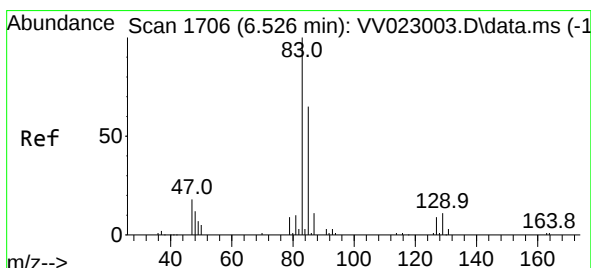
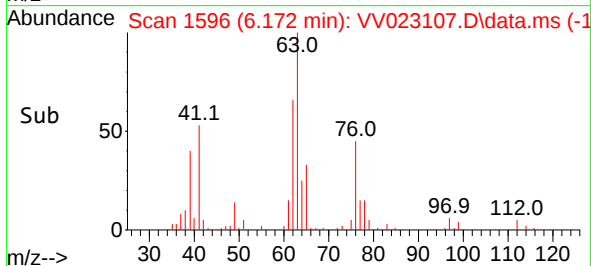
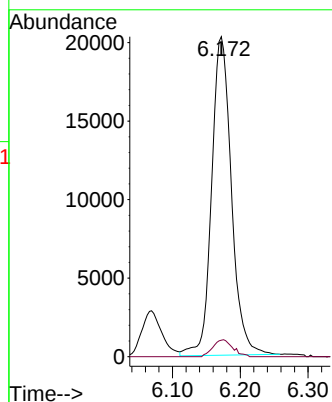
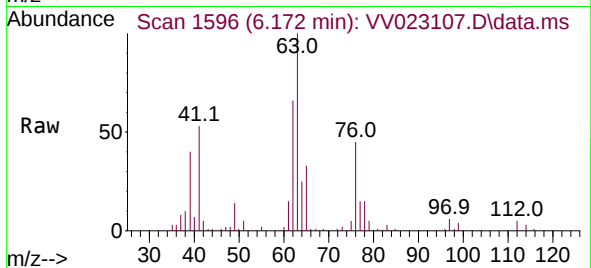
ClientSampleId :

Tgt Ion: 63 Resp: 41204

Ion Ratio Lower Upper

63 100

112 5.3 4.6 6.8



#38

Bromodichloromethane

Concen: 5.008 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

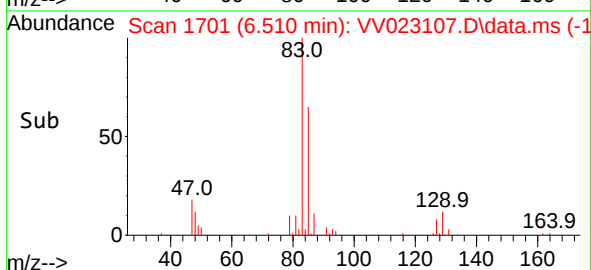
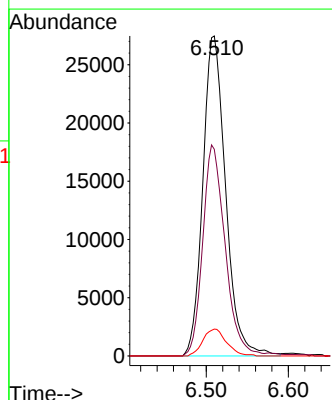
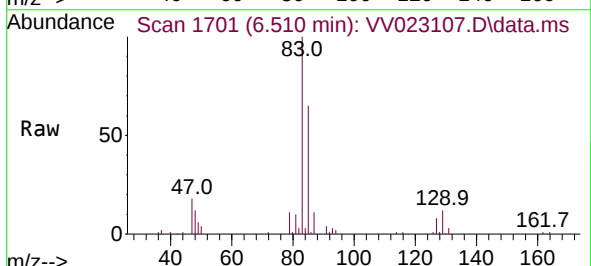
Tgt Ion: 83 Resp: 53129

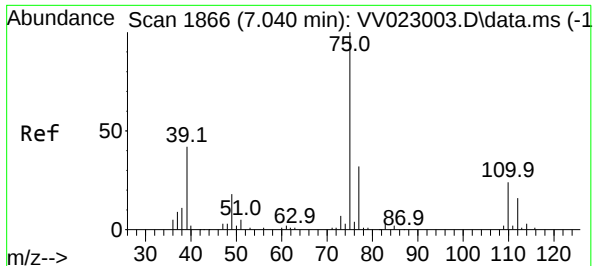
Ion Ratio Lower Upper

83 100

85 64.6 46.1 85.7

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.199 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

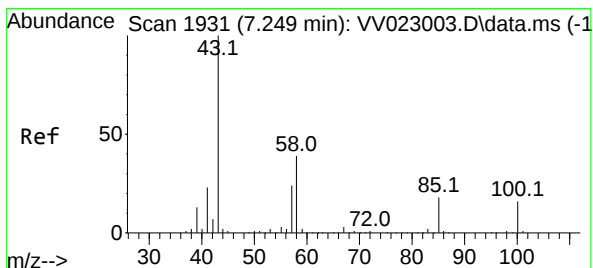
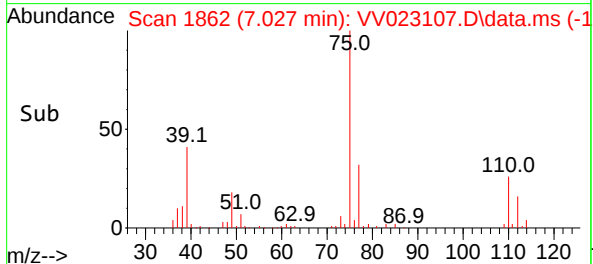
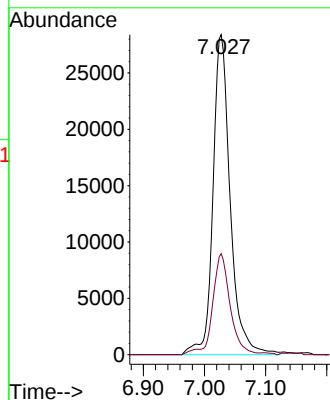
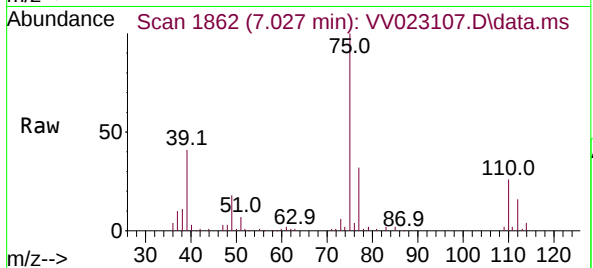
ClientSampleId :

Tgt Ion: 75 Resp: 55673

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 50.128 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

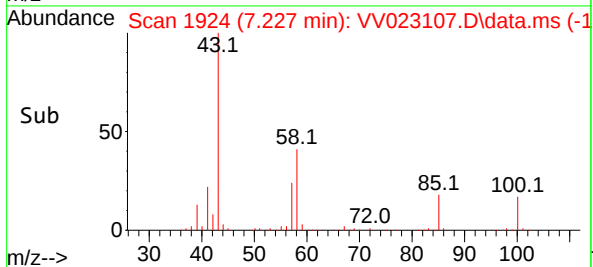
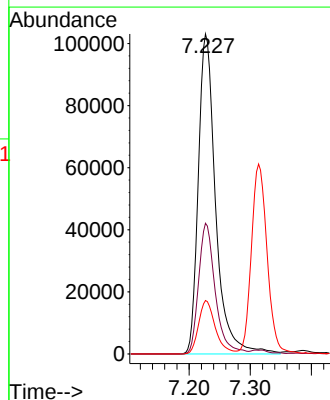
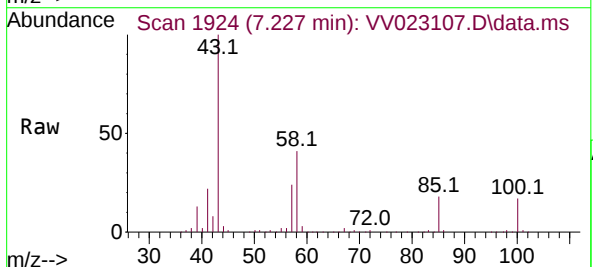
Tgt Ion: 43 Resp: 202938

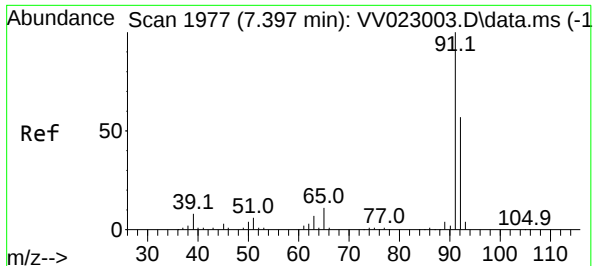
Ion Ratio Lower Upper

43 100

58 39.2 31.1 46.7

100 16.0 12.6 19.0

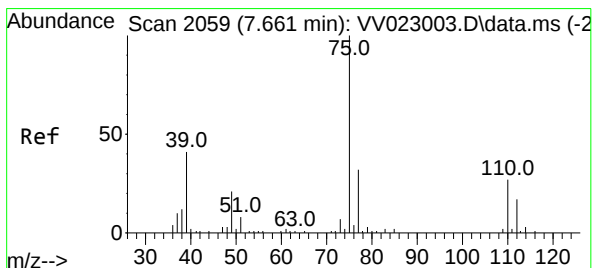
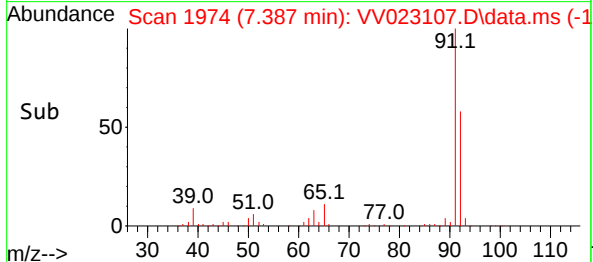
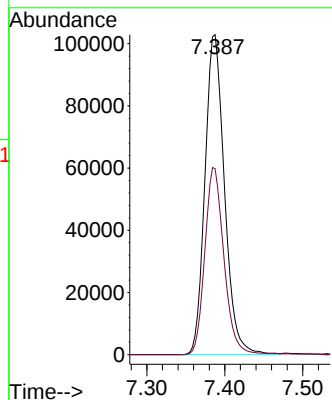
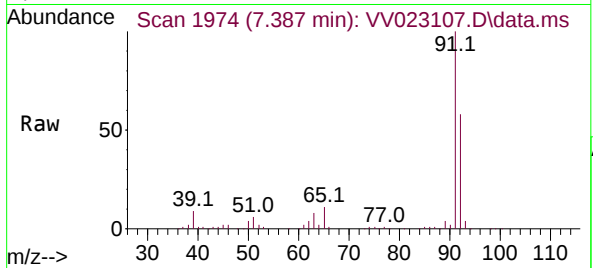




#42
Toluene
Concen: 5.190 ug/L
RT: 7.387 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

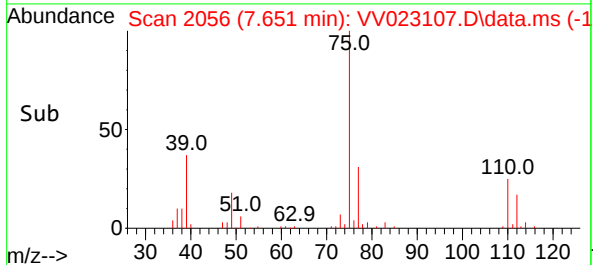
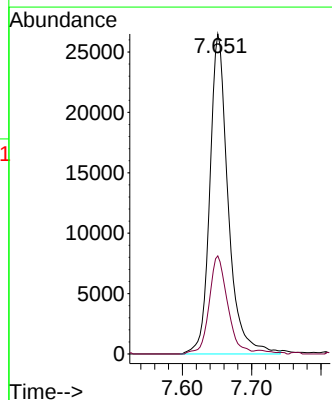
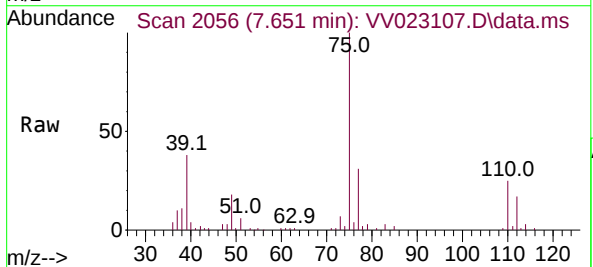
Instrument :
MSVOA_V
ClientSampleId :

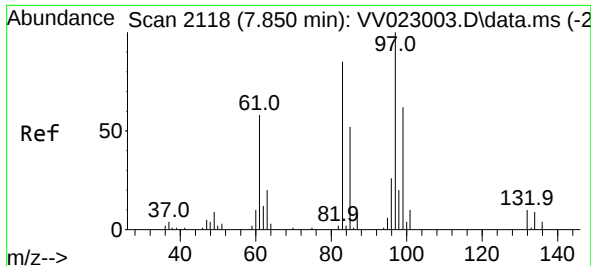
Tgt Ion: 91 Resp: 179428
Ion Ratio Lower Upper
91 100
92 58.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 5.493 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 75 Resp: 48663
Ion Ratio Lower Upper
75 100
77 30.6 22.5 41.7

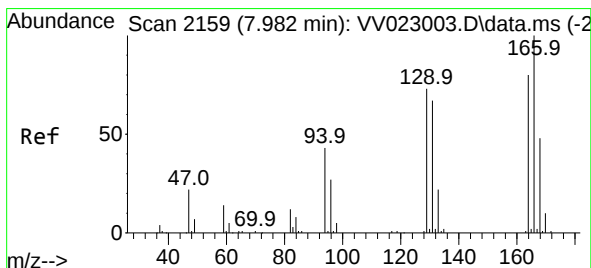
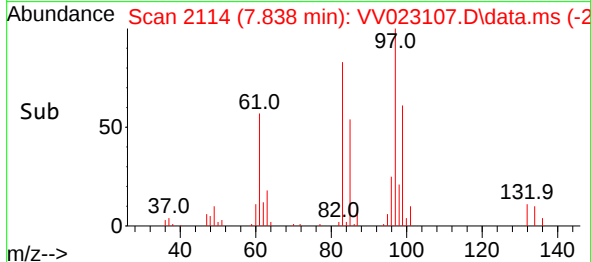
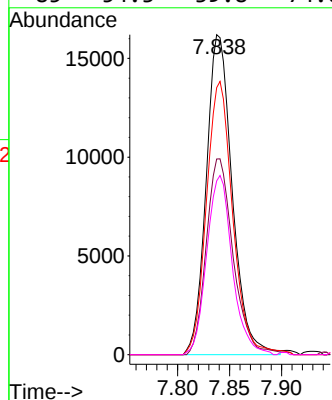
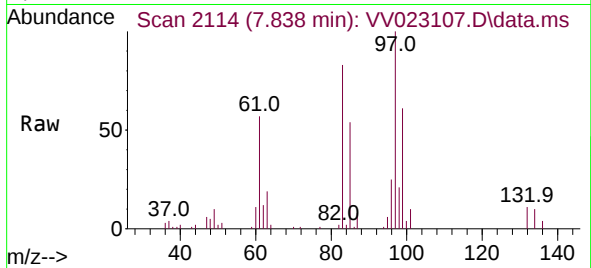




#45
1,1,2-Trichloroethane
Concen: 4.690 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

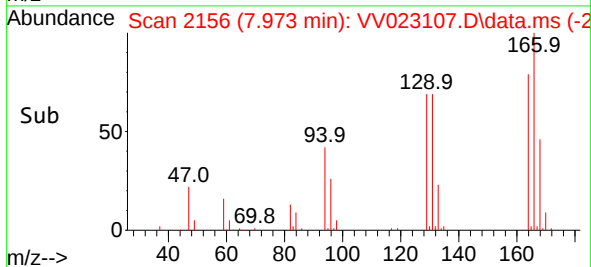
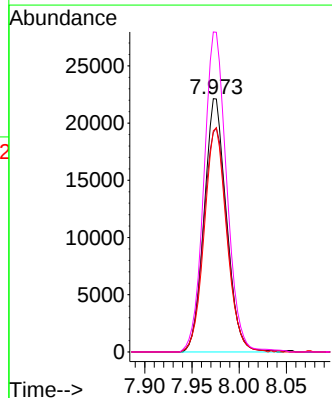
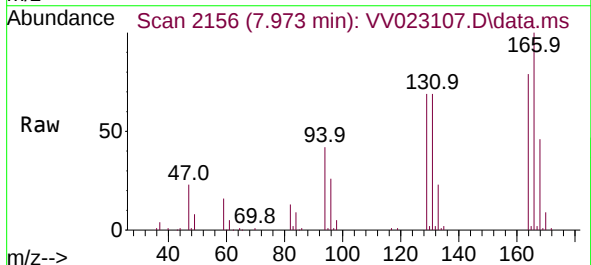
Instrument :
MSVOA_V
ClientSampleId :

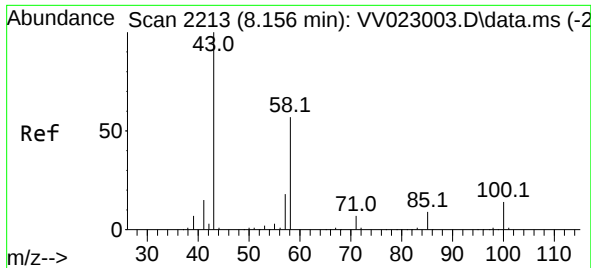
Tgt Ion: 97	Resp: 28215
Ion Ratio	Lower Upper
97 100	
99 61.2	43.6 81.0
83 83.4	58.4 108.4
85 54.3	39.8 74.0



#47
Tetrachloroethene
Concen: 5.017 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 164	Resp: 36331
Ion Ratio	Lower Upper
164 100	
129 86.7	64.0 119.0
131 87.3	63.4 117.8
166 126.3	89.3 165.9

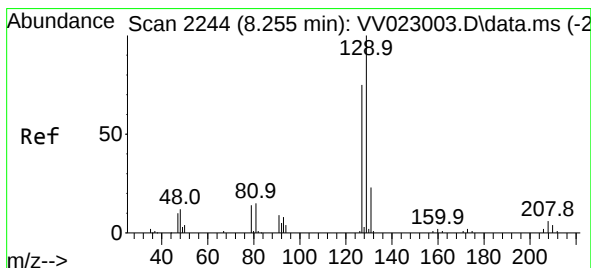
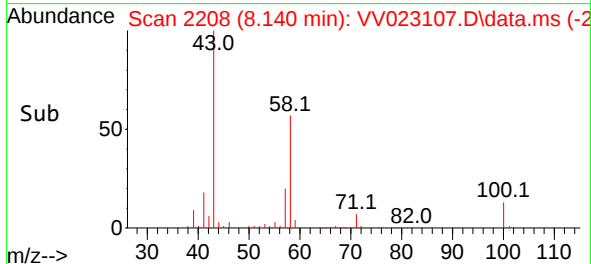
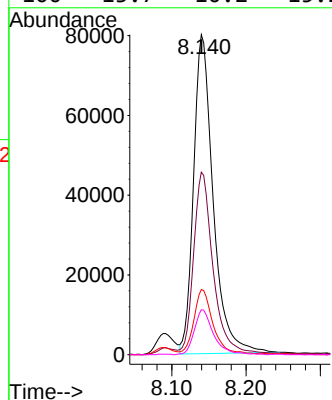
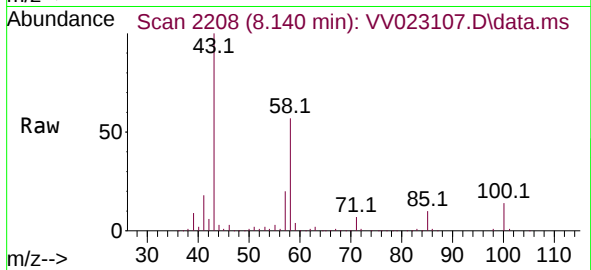




#48
2-Hexanone
Concen: 48.969 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

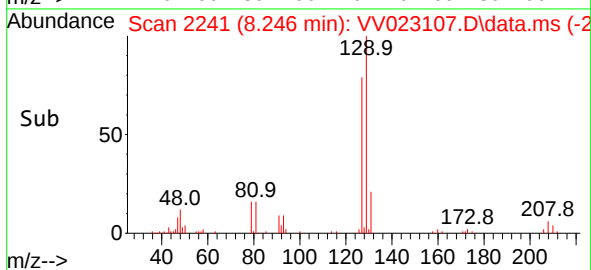
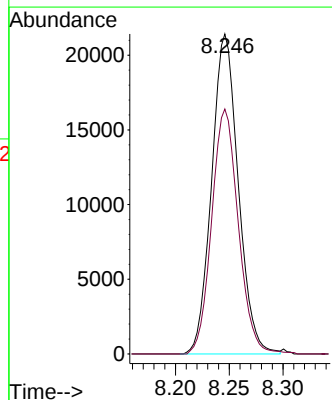
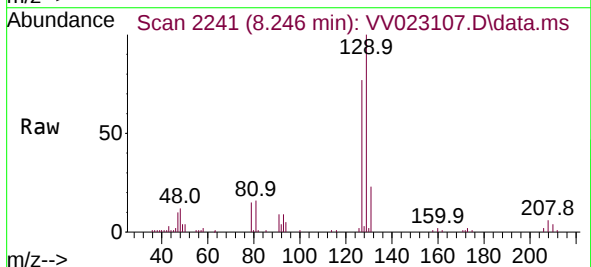
Instrument :
MSVOA_V
ClientSampleId :

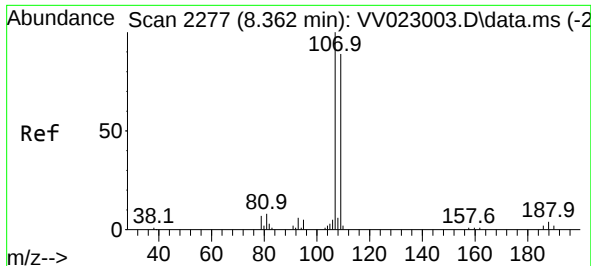
Tgt Ion: 43 Resp: 147162
Ion Ratio Lower Upper
43 100
58 56.5 43.7 65.5
57 19.6 14.1 21.1
100 13.7 10.2 15.2



#49
Dibromochloromethane
Concen: 5.157 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 129 Resp: 36914
Ion Ratio Lower Upper
129 100
127 76.5 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.802 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023107.D

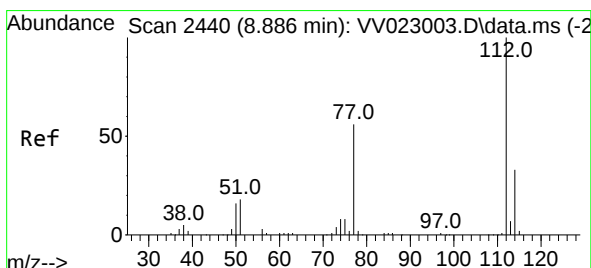
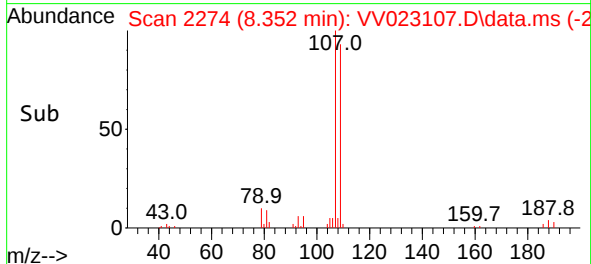
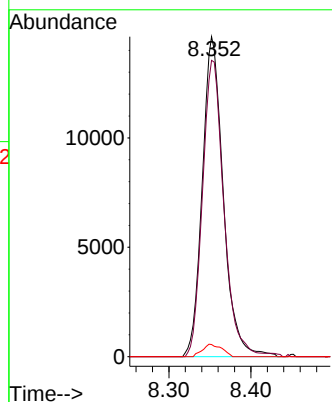
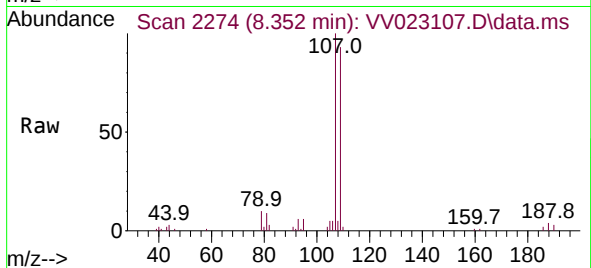
Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	26009
Ion	Ratio	Lower Upper
107	100	
109	92.6	64.7 120.1
188	3.8	3.6 5.4



#51

Chlorobenzene

Concen: 5.016 ug/L

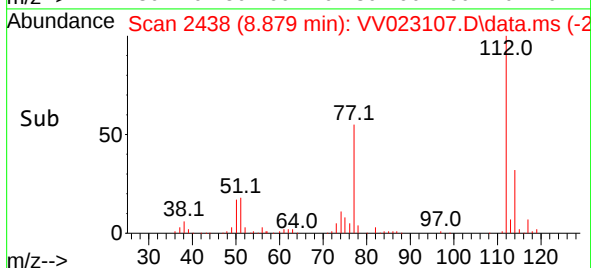
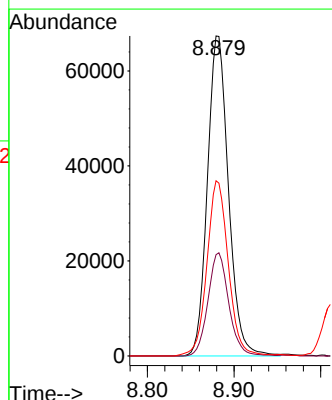
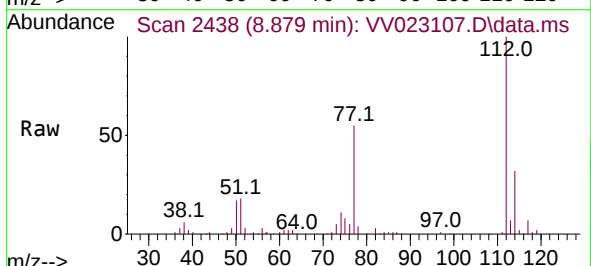
RT: 8.879 min Scan# 2438

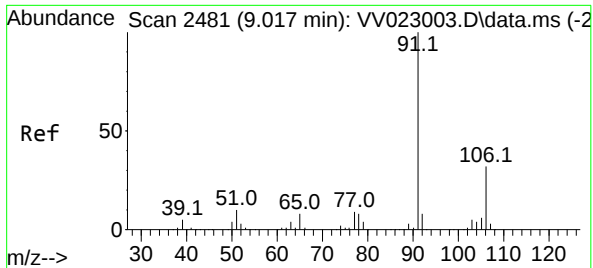
Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Tgt Ion:112	Resp:	113927
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.0 40.8
77	54.8	44.4 66.6

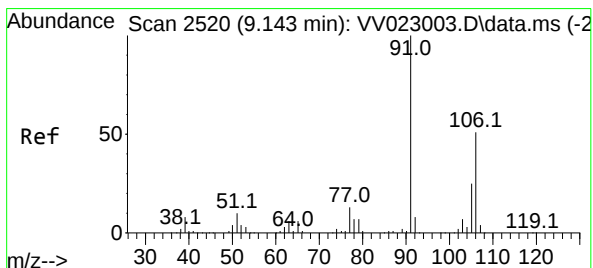
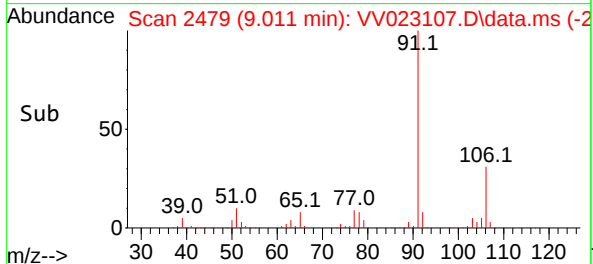
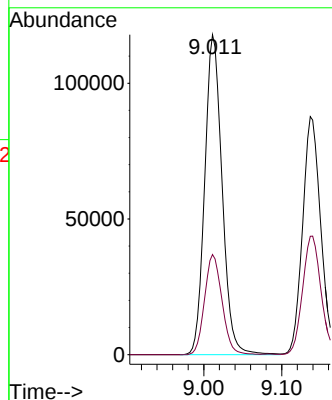
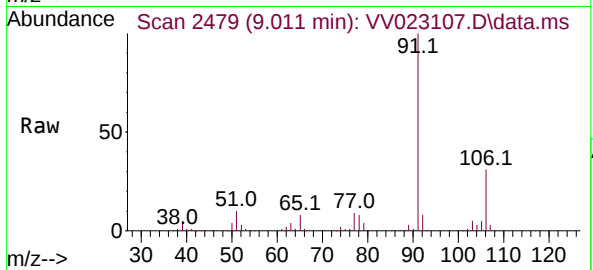




#52
Ethylbenzene
Concen: 5.321 ug/L
RT: 9.011 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

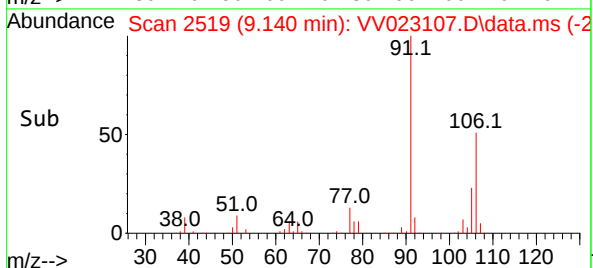
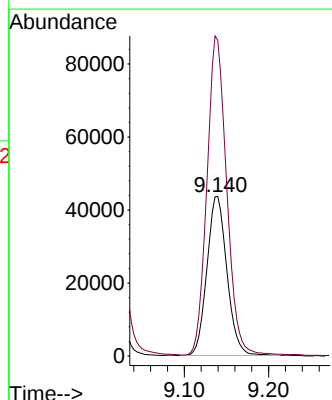
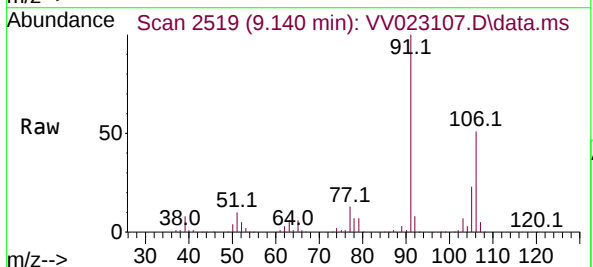
Instrument :
MSVOA_V
ClientSampleId :

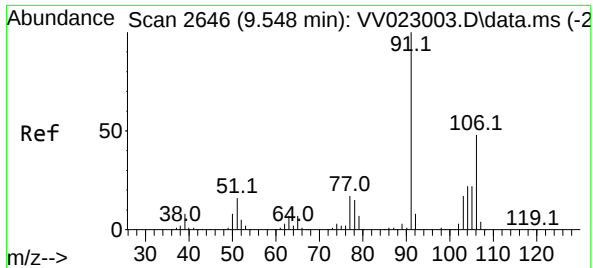
Tgt Ion: 91 Resp: 182621
Ion Ratio Lower Upper
91 100
106 31.3 22.5 41.9



#53
m,p-xylene
Concen: 5.240 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 106 Resp: 72113
Ion Ratio Lower Upper
106 100
91 197.8 137.2 254.8

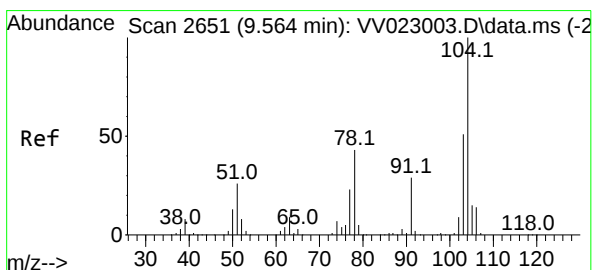
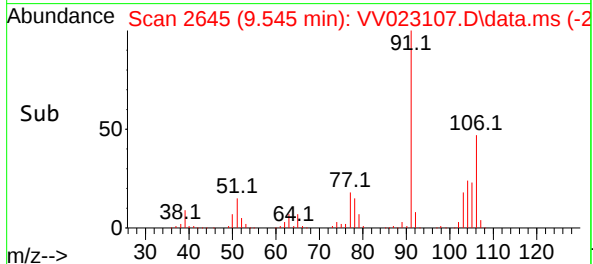
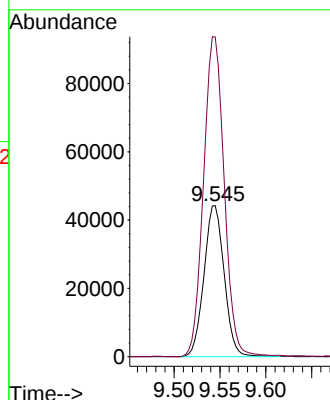
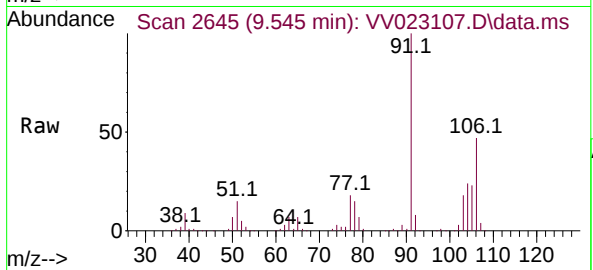




#54
o-xylene
Concen: 5.238 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

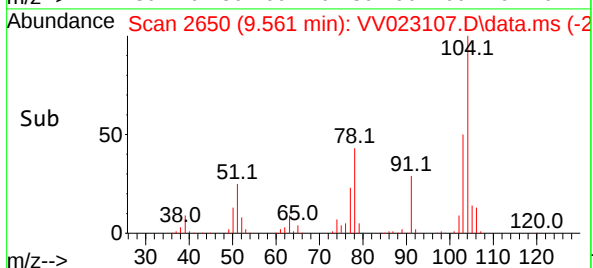
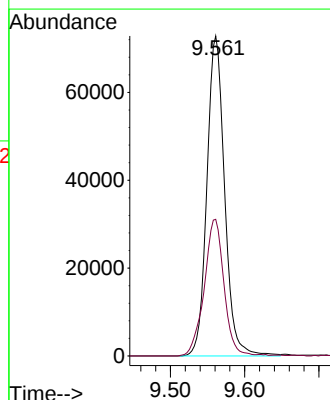
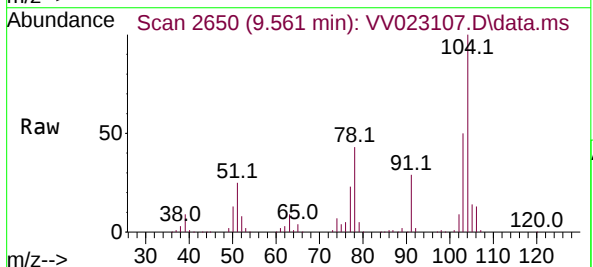
Instrument :
MSVOA_V
ClientSampleId :

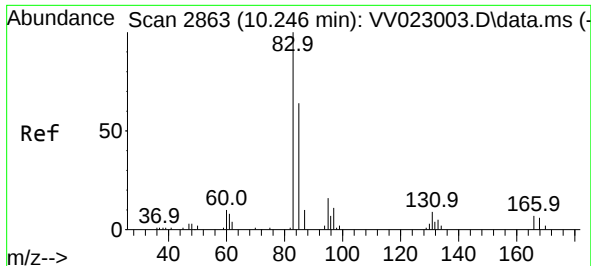
Tgt Ion:106 Resp: 67868
Ion Ratio Lower Upper
106 100
91 211.5 148.3 275.5



#55
Styrene
Concen: 5.387 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion:104 Resp: 120511
Ion Ratio Lower Upper
104 100
78 42.7 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.855 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

ClientSampleId :

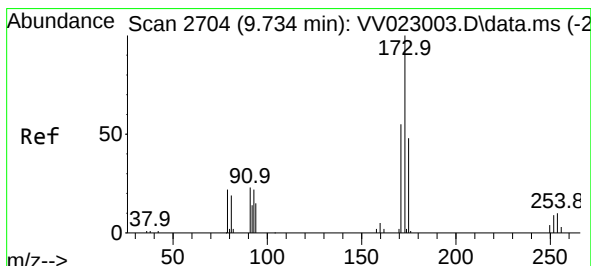
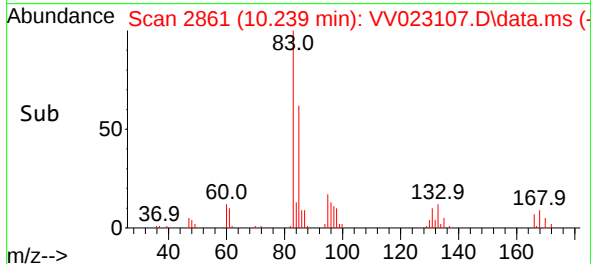
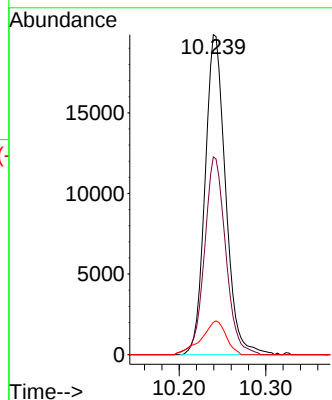
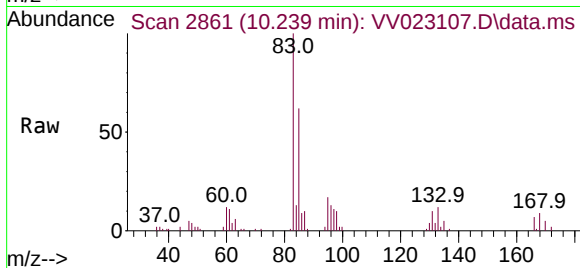
Tgt Ion: 83 Resp: 32645

Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.9

131 10.1 7.8 11.6



#59

Bromoform

Concen: 4.916 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

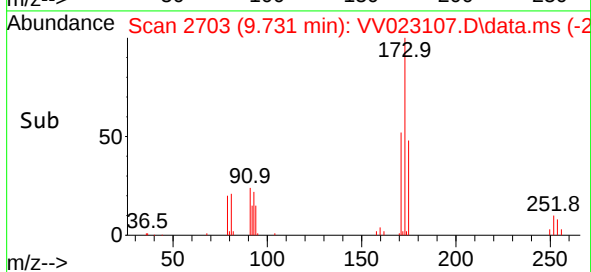
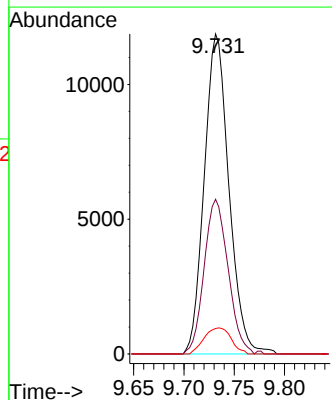
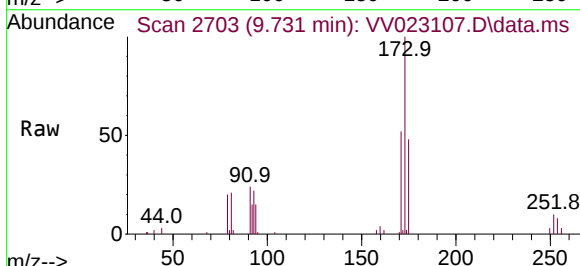
Tgt Ion:173 Resp: 20226

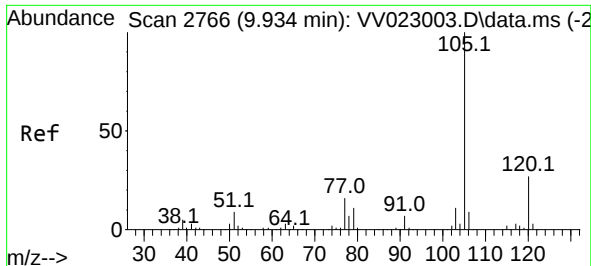
Ion Ratio Lower Upper

173 100

175 46.9 38.2 57.2

254 8.9 6.2 9.2

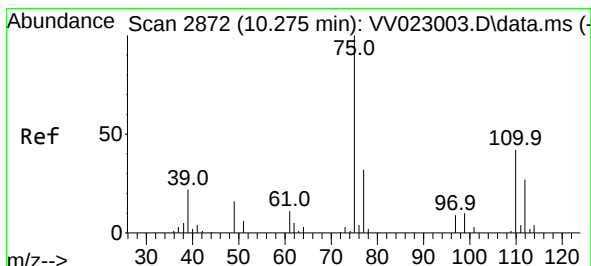
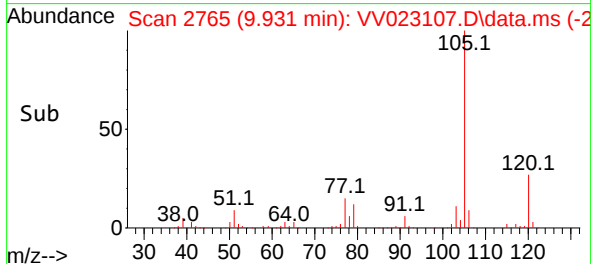
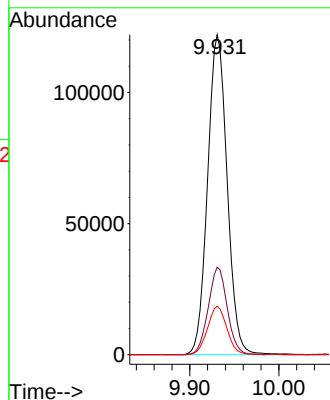
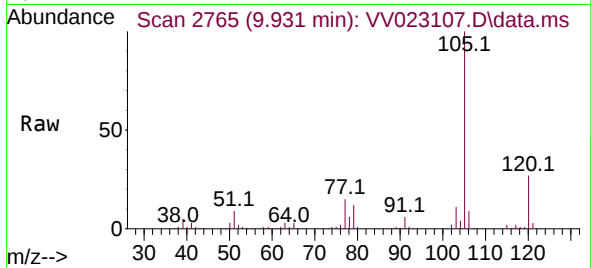




#60
Isopropylbenzene
Concen: 5.202 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

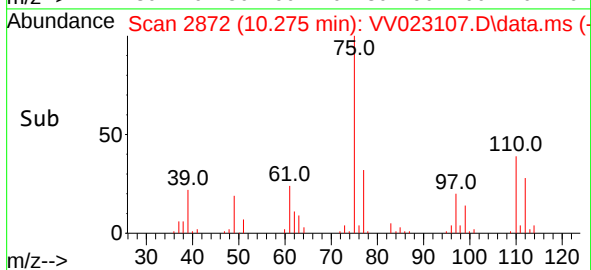
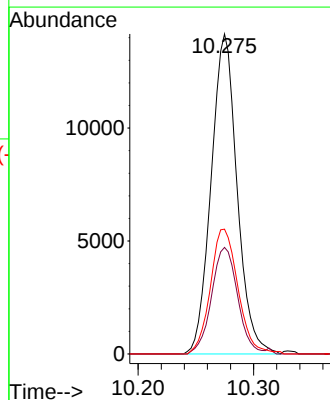
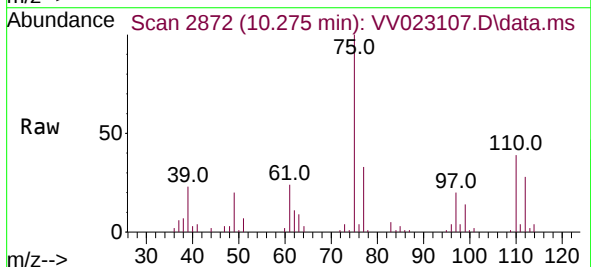
Instrument :
MSVOA_V
ClientSampleId :

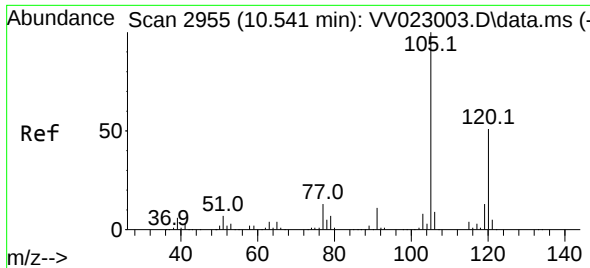
Tgt Ion:105 Resp: 185745
Ion Ratio Lower Upper
105 100
120 26.6 21.7 32.5
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.447 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 75 Resp: 22102
Ion Ratio Lower Upper
75 100
77 33.5 26.6 39.8
110 41.5 31.8 47.6

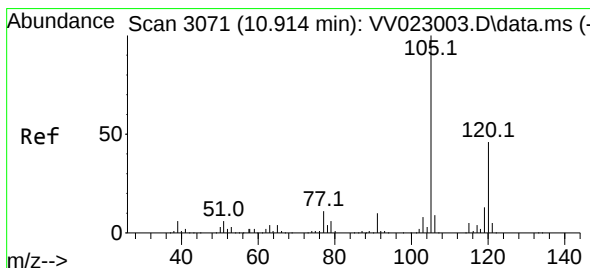
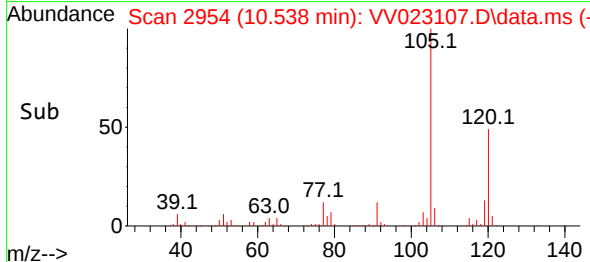
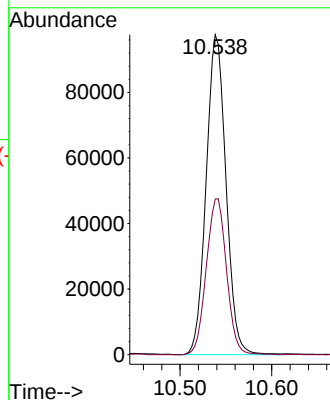
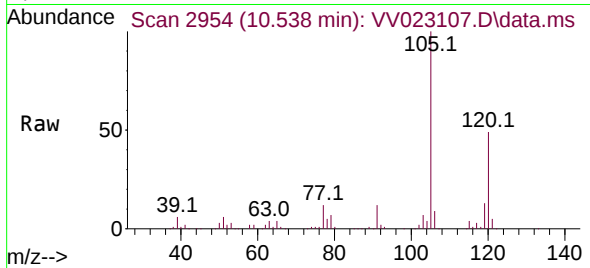




#62
 1,3,5-Trimethylbenzene
 Concen: 5.107 ug/L
 RT: 10.538 min Scan# 2955
 Delta R.T. 0.000 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

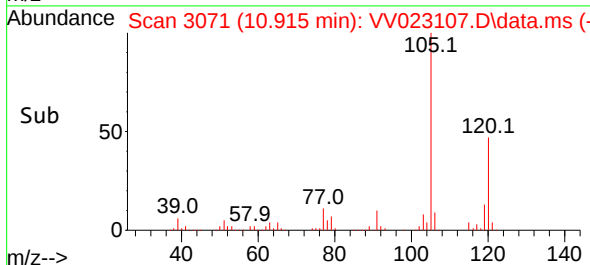
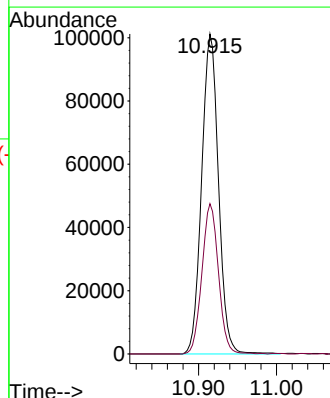
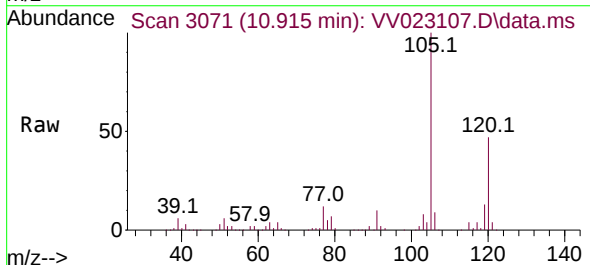
Instrument :
 MSVOA_V
 ClientSampleId :

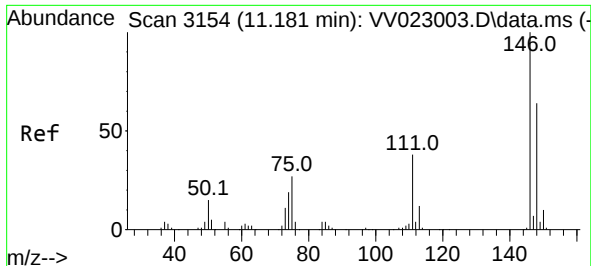
Tgt Ion:105 Resp: 146486
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.308 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023107.D
 Acq: 01 Nov 2021 10:58

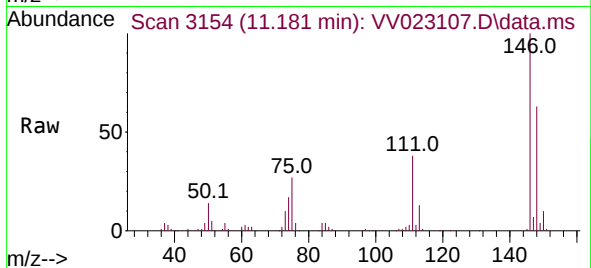
Tgt Ion:105 Resp: 151965
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.4 56.2



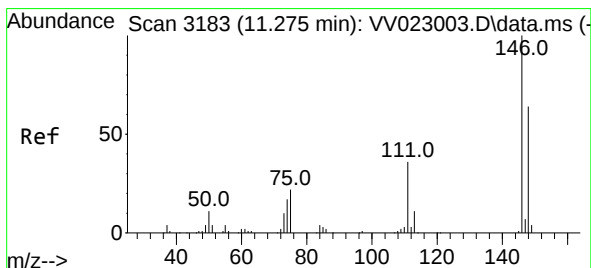
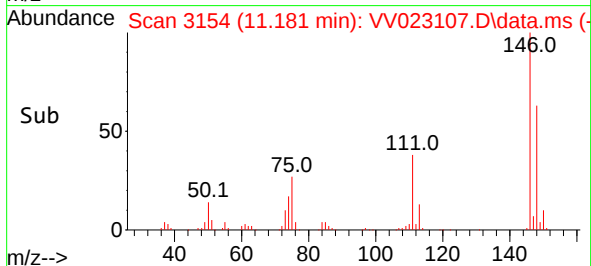
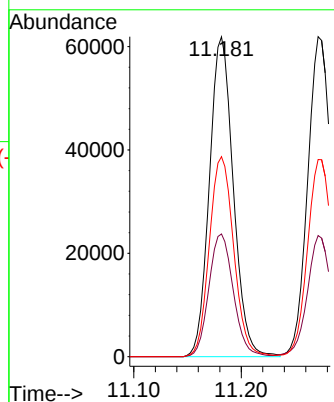


#64
1,3-Dichlorobenzene
Concen: 5.086 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Instrument :
MSVOA_V
ClientSampleId :

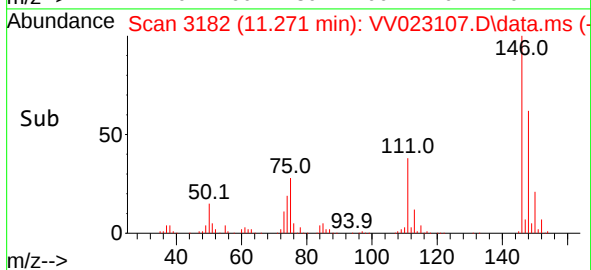
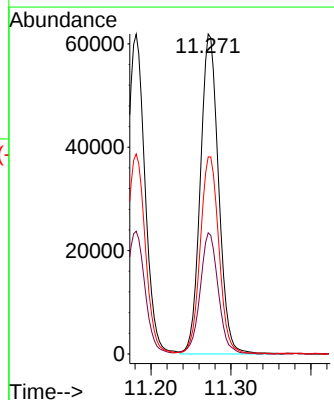
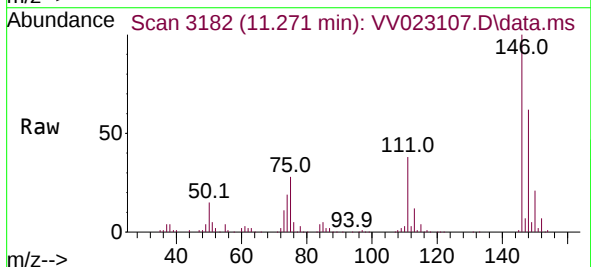


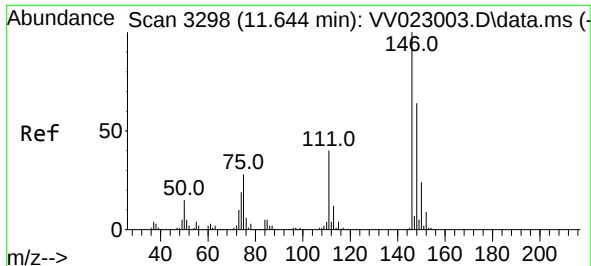
Tgt Ion:146 Resp: 95564
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 62.6 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion:146 Resp: 98460
Ion Ratio Lower Upper
146 100
111 37.8 26.2 48.8
148 61.6 44.4 82.5

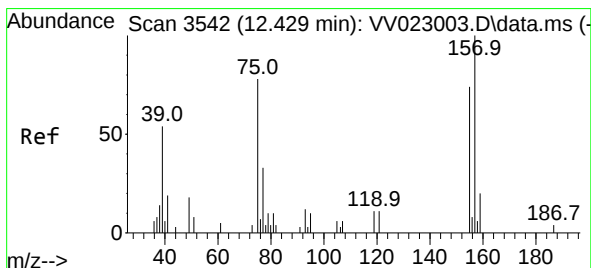
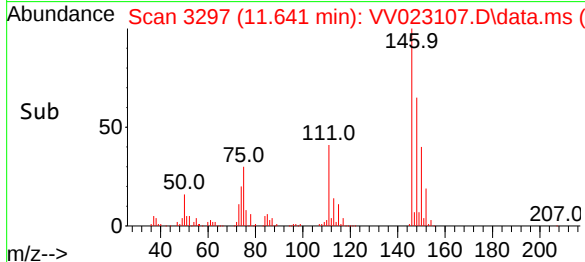
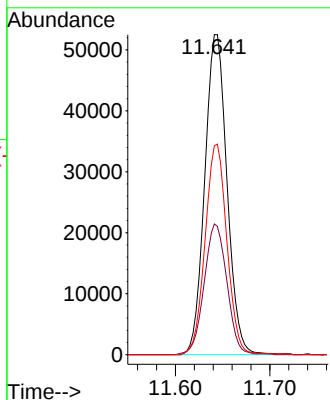
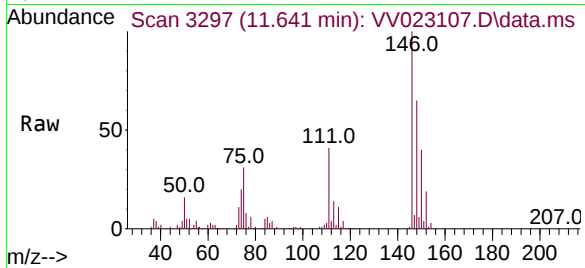




#67
1,2-Dichlorobenzene
Concen: 4.915 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

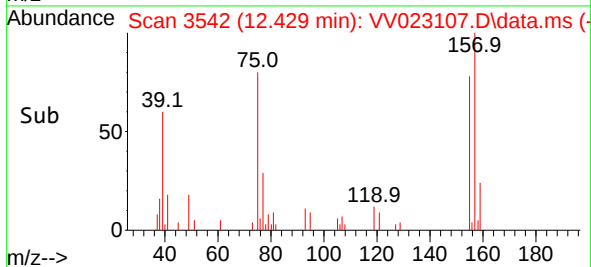
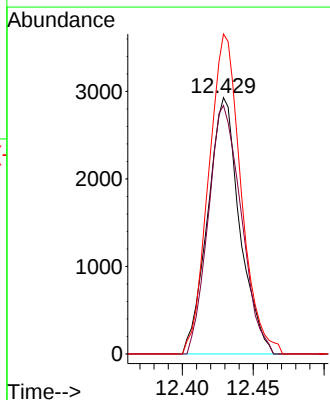
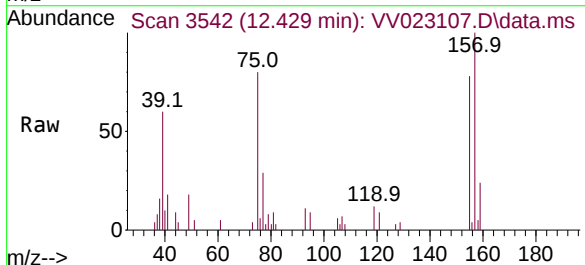
Instrument :
MSVOA_V
ClientSampleId :

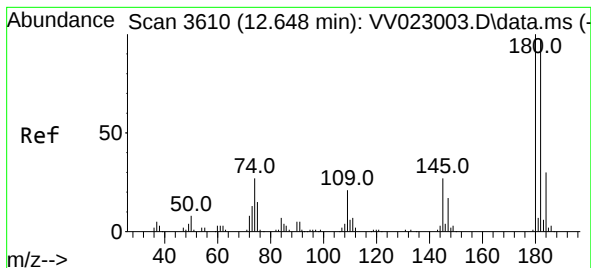
Tgt Ion:146 Resp: 85974
Ion Ratio Lower Upper
146 100
111 40.9 31.6 47.4
148 65.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.706 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023107.D
Acq: 01 Nov 2021 10:58

Tgt Ion: 75 Resp: 4615
Ion Ratio Lower Upper
75 100
155 96.9 67.7 101.5
157 124.8 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.184 ug/L

RT: 12.644 min Scan# 3610

Delta R.T. 0.000 min

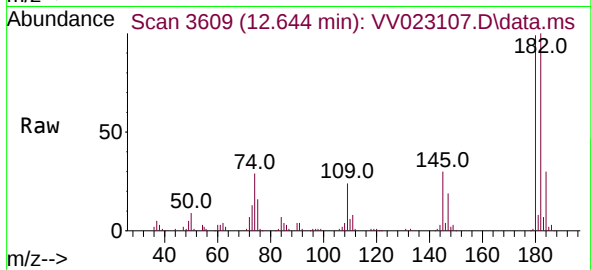
Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 74182

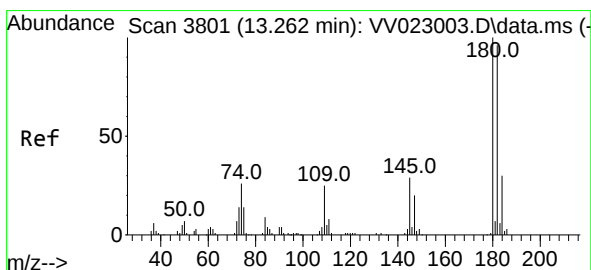
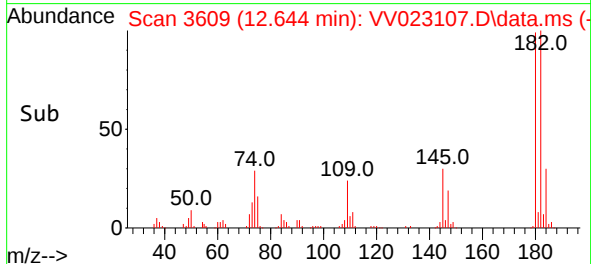
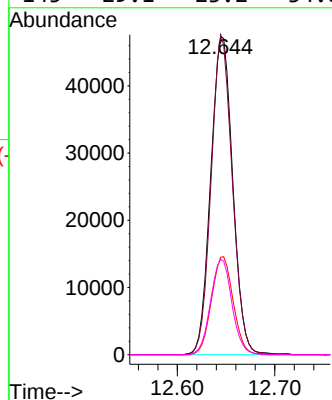
Ion Ratio Lower Upper

180 100

182 96.6 74.9 112.3

184 30.4 23.8 35.8

145 29.1 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.394 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

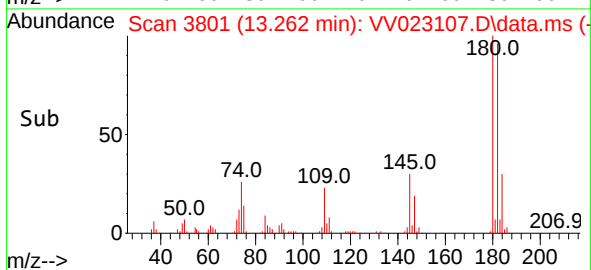
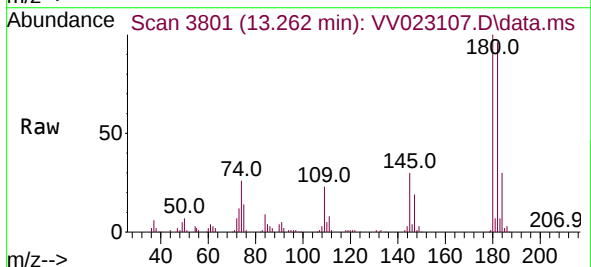
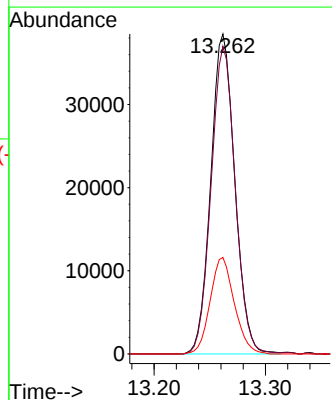
Tgt Ion:180 Resp: 57759

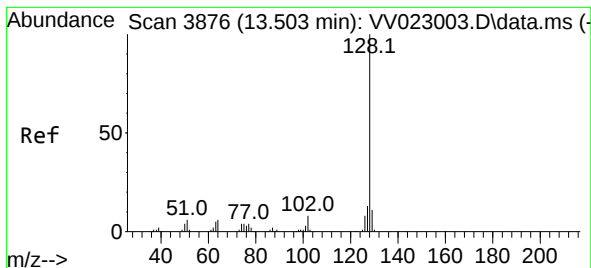
Ion Ratio Lower Upper

180 100

182 96.3 76.9 115.3

145 30.3 24.4 36.6





#71

Naphthalene

Concen: 5.168 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023107.D

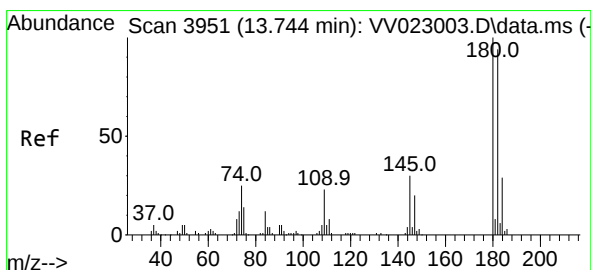
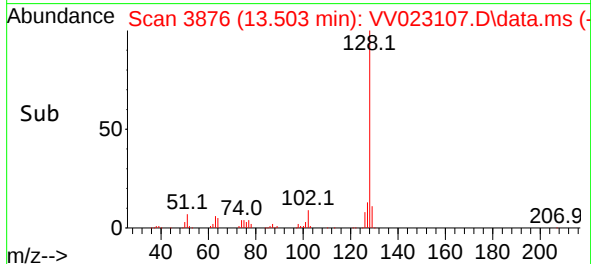
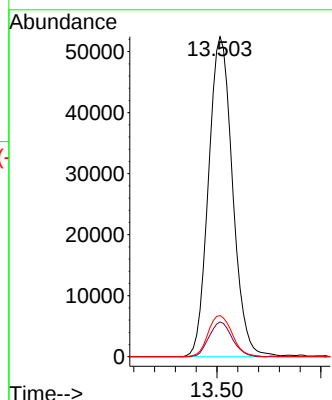
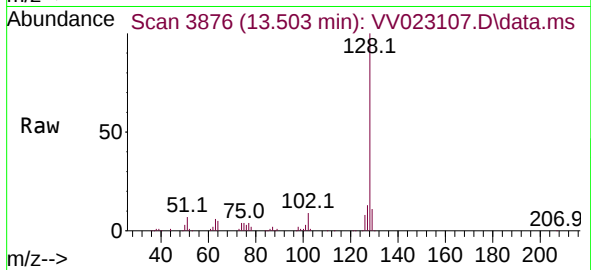
Acq: 01 Nov 2021 10:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	84144
Ion Ratio	Lower	Upper
128	100	
129	10.4	8.6 13.0
127	12.9	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.200 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023107.D

Acq: 01 Nov 2021 10:58

Tgt Ion:180	Resp:	51697
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.7 115.1
145	32.4	25.7 38.5

