

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VW023132.D
 Acq On : 01 Nov 2021 21:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124792	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	127777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30991	2.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.568	69	30212	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.111	63	65562	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.889	46	103971	59.437	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.880%
24) Chloroform-d	4.349	84	95201	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.037	65	43436	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.053	84	174360	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	54525	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	166552	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.625	79	20622	5.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.088	63	83719	56.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40642	5.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	64469	4.994	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	36071	4.556	ug/L	98
3) Chloromethane	1.240	50	35735	4.176	ug/L	96
5) Vinyl chloride	1.310	62	37502	4.243	ug/L	100
6) Bromomethane	1.523	94	24651	5.521	ug/L	98
8) Chloroethane	1.584	64	23460	5.076	ug/L	99
9) Trichlorofluoromethane	1.754	101	62291	5.222	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	35437	5.211	ug/L	99
12) 1,1-Dichloroethene	2.121	96	31873	4.989	ug/L	92
13) Acetone	2.178	43	49948	58.200	ug/L	92
14) Carbon disulfide	2.294	76	93691	5.385	ug/L	99
15) Methyl Acetate	2.436	43	12113	3.710	ug/L	95
16) Methylene chloride	2.510	84	40668	5.795	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	75251	4.933	ug/L	95
18) trans-1,2-Dichloroethene	2.760	96	38663	5.668	ug/L	96
19) 1,1-Dichloroethane	3.191	63	72476	5.783	ug/L	96
21) 2-Butanone	3.976	43	76866	45.750	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	40913	5.290	ug/L #	92
23) Bromochloromethane	4.252	128	19020	5.418	ug/L #	84
25) Chloroform	4.378	83	77366	4.672	ug/L	98

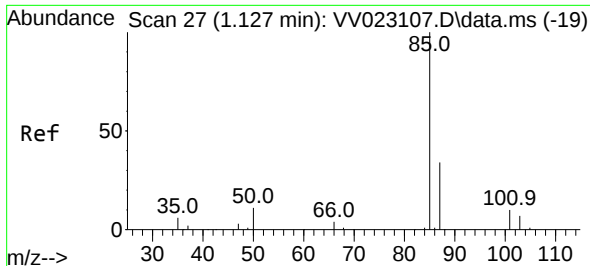
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VV023132.D
 Acq On : 01 Nov 2021 21:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	40501	4.638	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	67284	4.660	ug/L	97
30) Cyclohexane	4.680	56	51837	4.112	ug/L	96
31) Carbon tetrachloride	4.831	117	59944	4.825	ug/L	99
33) Benzene	5.101	78	156955	4.565	ug/L	100
34) Trichloroethene	5.918	95	40853	4.729	ug/L	97
35) Methylcyclohexane	6.133	83	58056	4.694	ug/L	96
37) 1,2-Dichloropropane	6.175	63	38525	4.445	ug/L	98
38) Bromodichloromethane	6.513	83	50525	4.726	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	49237	4.562	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	191716	46.987	ug/L	98
42) Toluene	7.390	91	172902	4.962	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	45815	5.132	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	27532	4.541	ug/L	99
47) Tetrachloroethene	7.979	164	34258	4.694	ug/L	98
48) 2-Hexanone	8.140	43	141482	46.712	ug/L	98
49) Dibromochloromethane	8.249	129	35690	4.947	ug/L	96
50) 1,2-Dibromoethane	8.355	107	25601	4.690	ug/L	96
51) Chlorobenzene	8.882	112	110992	4.849	ug/L	99
52) Ethylbenzene	9.014	91	173169	5.007	ug/L	100
53) m,p-xylene	9.140	106	69218	4.991	ug/L	95
54) o-xylene	9.545	106	66030	5.057	ug/L	97
55) Styrene	9.561	104	117462	5.209	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	31085	4.587	ug/L	97
59) Bromoform	9.734	173	18782	4.454	ug/L	99
60) Isopropylbenzene	9.934	105	180014	4.919	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22086	4.337	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	140775	4.789	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	146640	4.998	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	92048	4.780	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	93970	4.804	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	84422	4.709	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	4680	4.657	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	69971	4.771	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	53733	4.897	ug/L	99
71) Naphthalene	13.503	128	80190	4.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	49655	4.874	ug/L	99

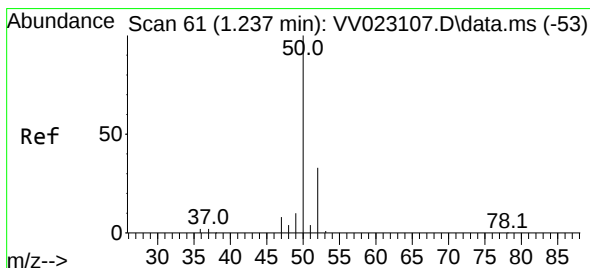
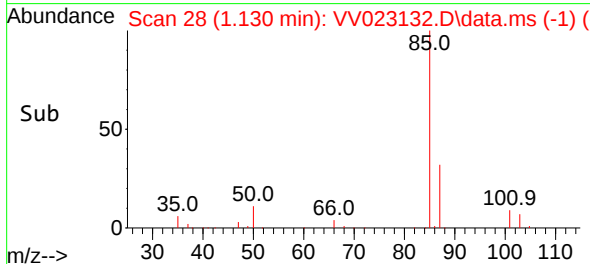
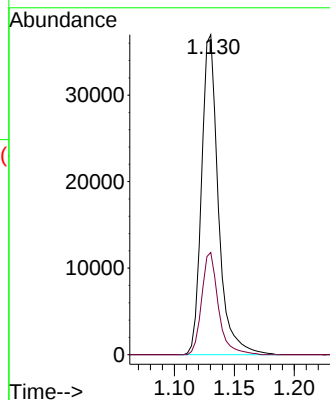
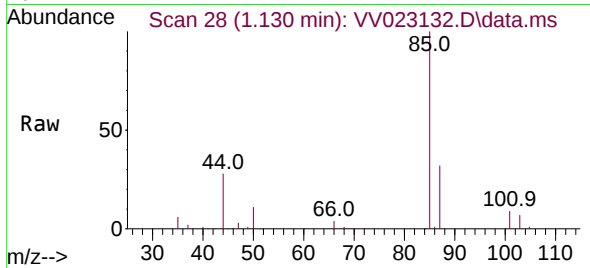
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.556 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

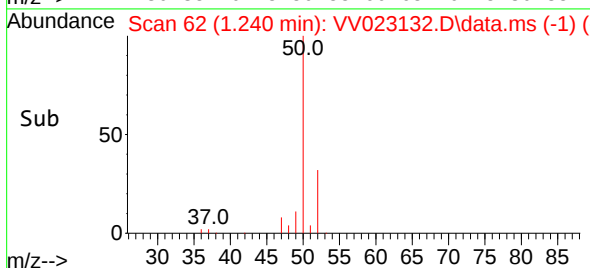
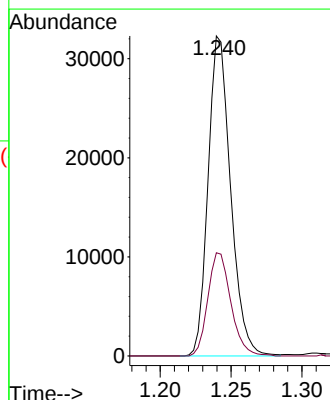
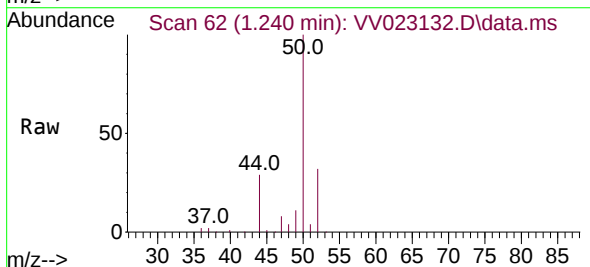
Instrument :
 MSVOA_V
 ClientSampleId :

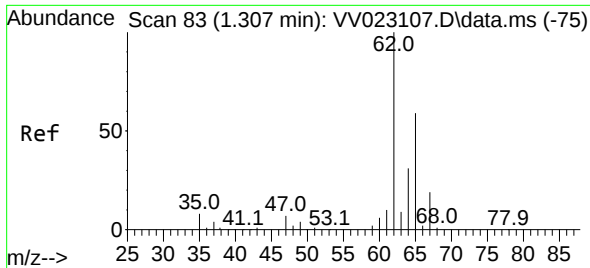
Tgt Ion: 85 Resp: 36071
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 39.8



#3
 Chloromethane
 Concen: 4.176 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

Tgt Ion: 50 Resp: 35735
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.3 45.1

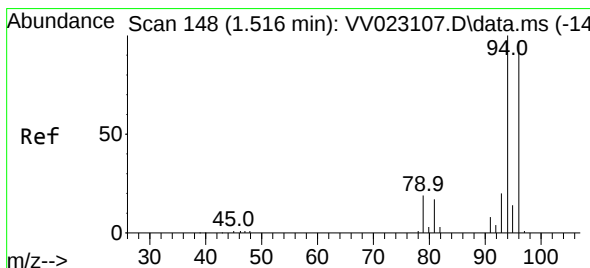
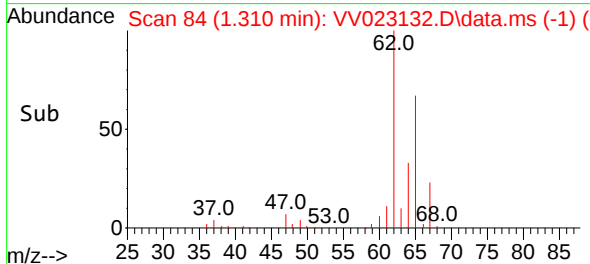
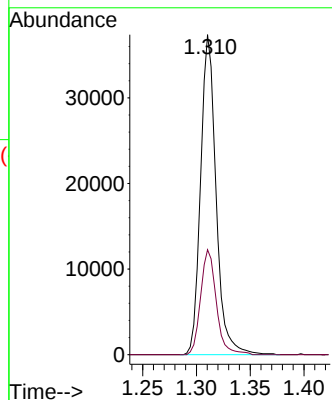
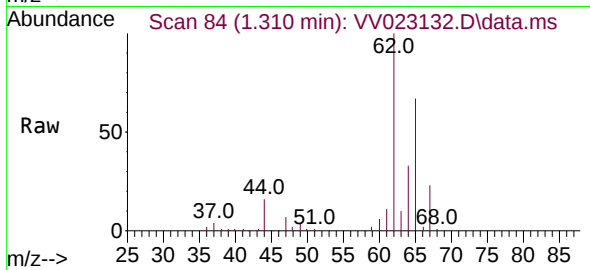




#5
 Vinyl chloride
 Concen: 4.243 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

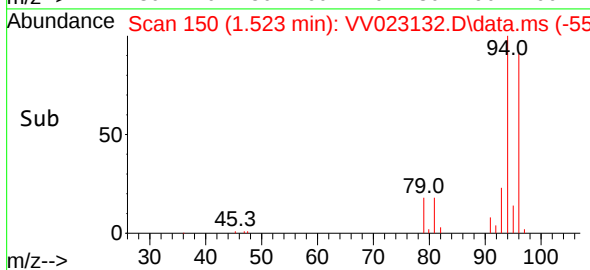
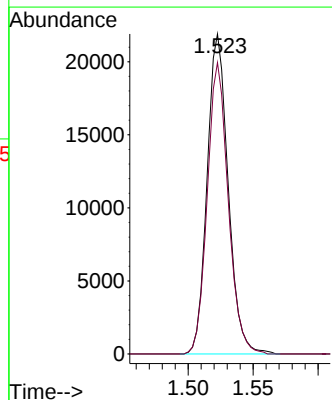
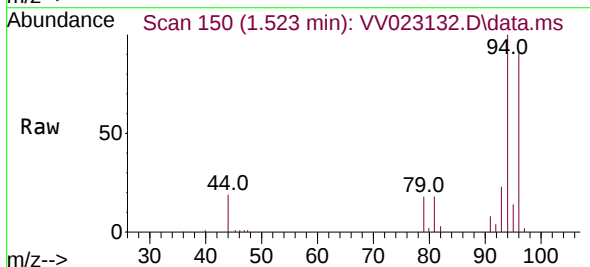
Instrument :
 MSVOA_V
 ClientSampleId :

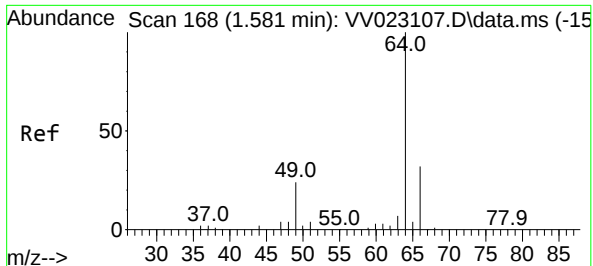
Tgt Ion: 62 Resp: 37502
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 5.521 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.006 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

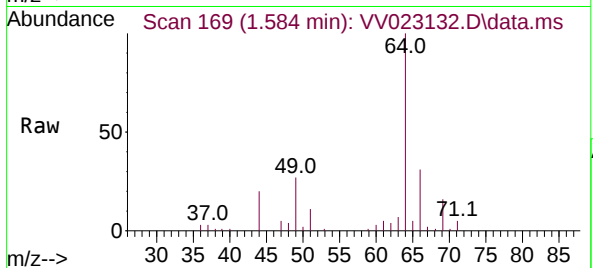
Tgt Ion: 94 Resp: 24651
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.0 120.8



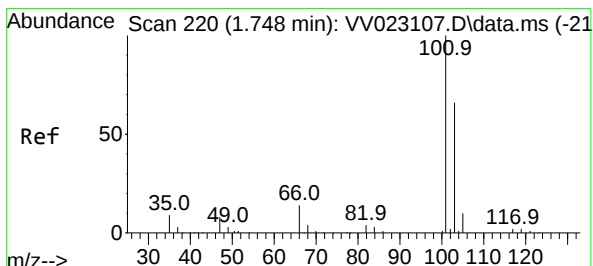
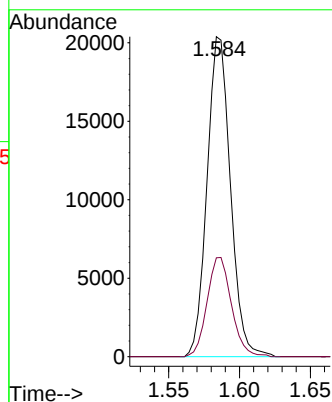
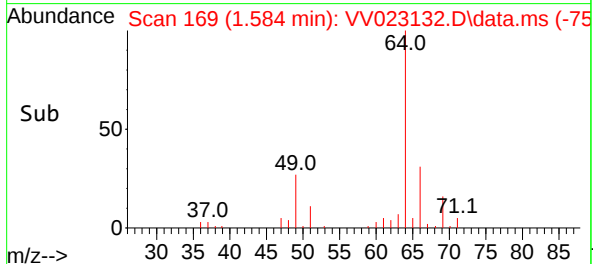


#8
Chloroethane
Concen: 5.076 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Instrument :
MSVOA_V
ClientSampleId :

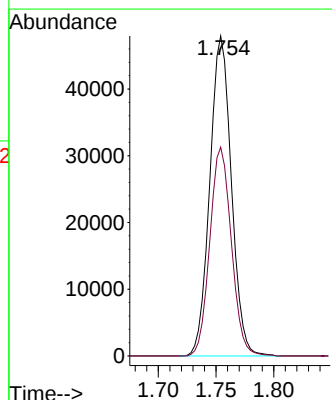
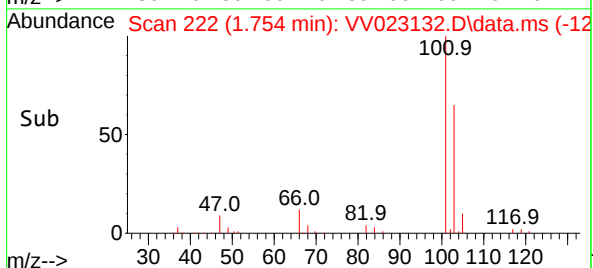
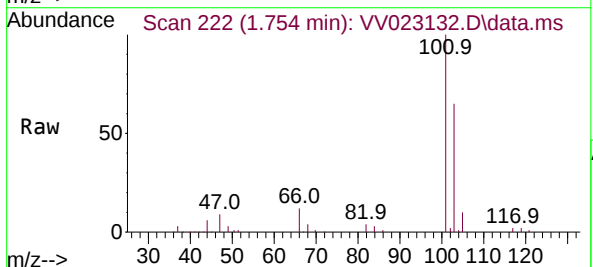


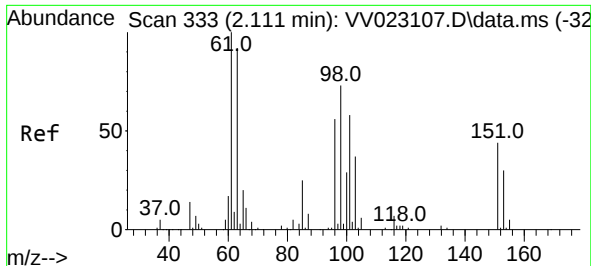
Tgt Ion: 64 Resp: 23460
Ion Ratio Lower Upper
64 100
66 30.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.222 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.006 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion: 101 Resp: 62291
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

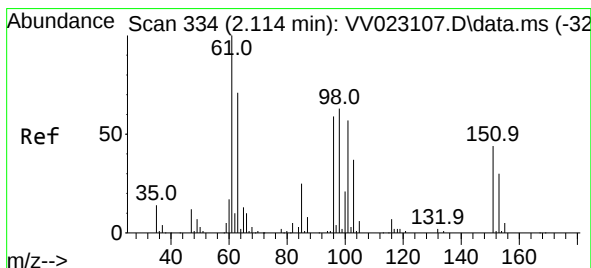
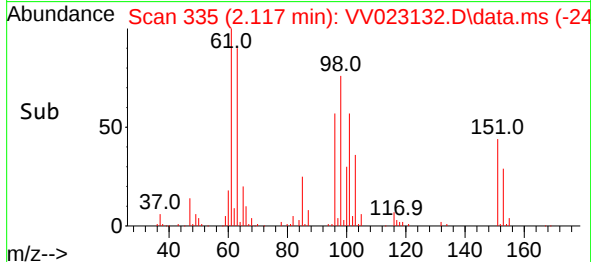
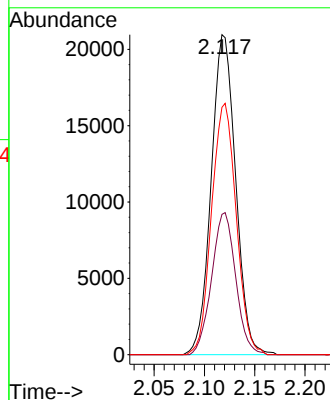
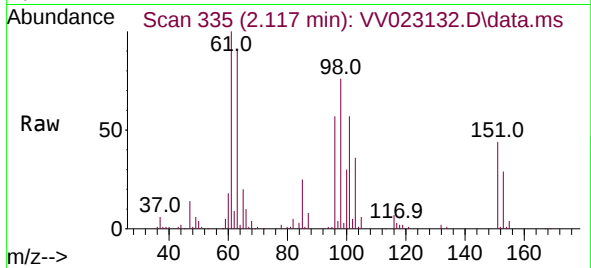




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.211 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

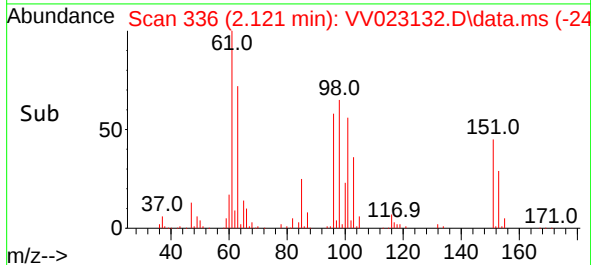
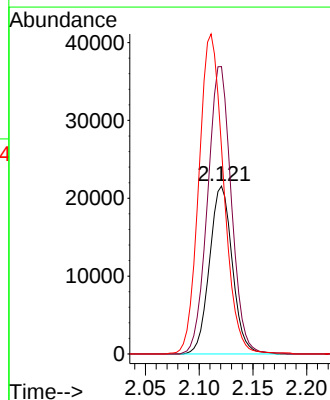
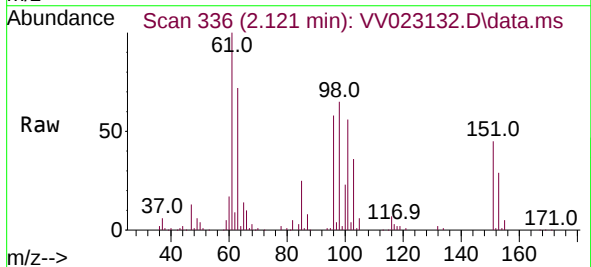
Instrument :
 MSVOA_V
 ClientSampleId :

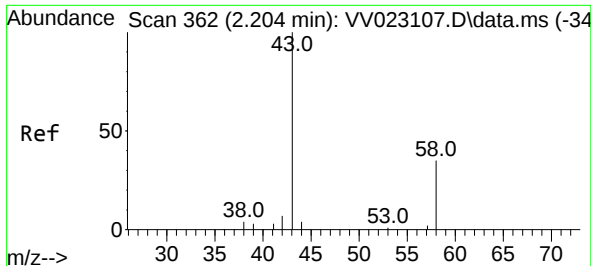
Tgt Ion:101 Resp: 35437
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.3 52.9
 151 79.2 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.989 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.006 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

Tgt Ion: 96 Resp: 31873
 Ion Ratio Lower Upper
 96 100
 61 171.2 121.5 225.7
 63 123.2 99.6 185.0





#13

Acetone

Concen: 58.200 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

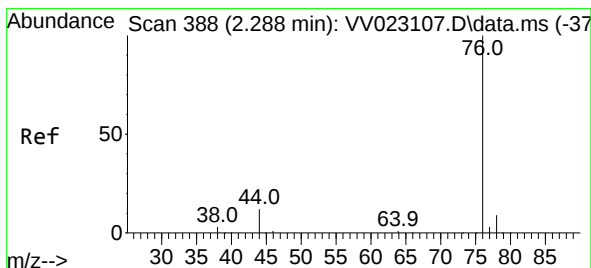
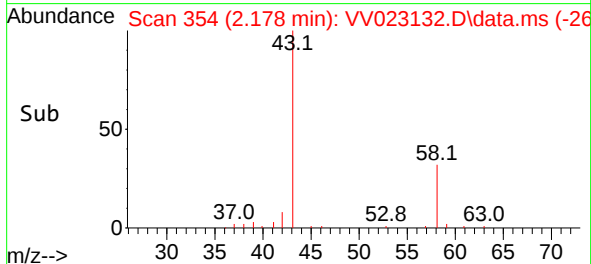
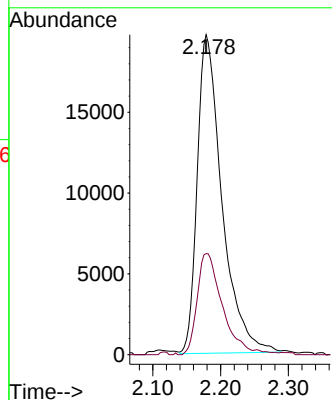
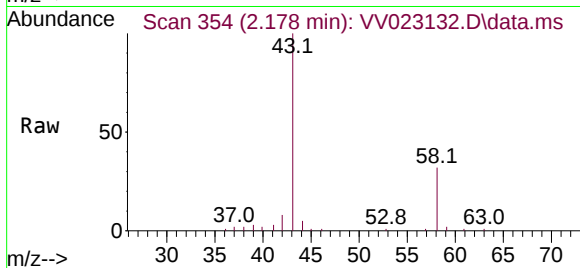
ClientSampleId :

Tgt Ion: 43 Resp: 49948

Ion Ratio Lower Upper

43 100

58 31.8 0.0 55.4



#14

Carbon disulfide

Concen: 5.385 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.006 min

Lab File: VV023132.D

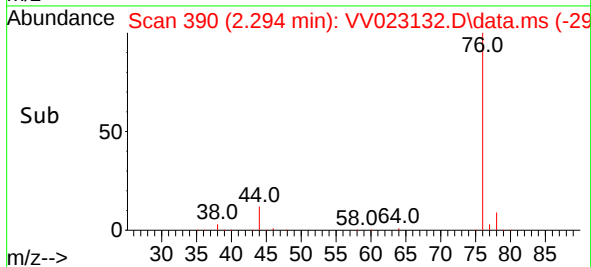
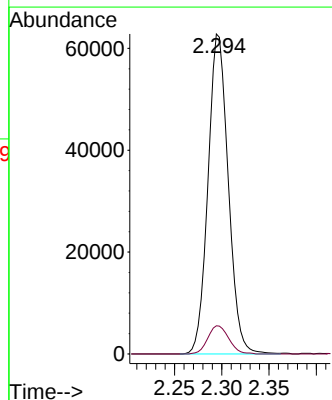
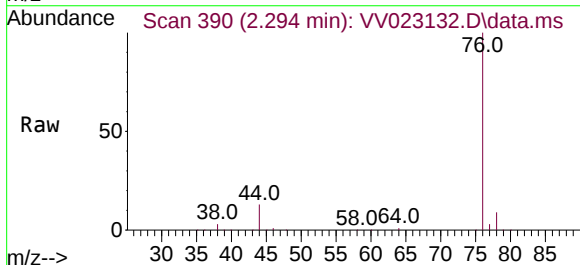
Acq: 01 Nov 2021 21:43

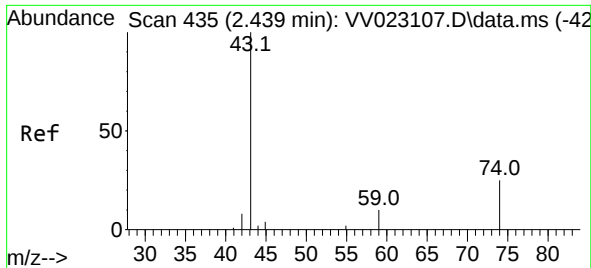
Tgt Ion: 76 Resp: 93691

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

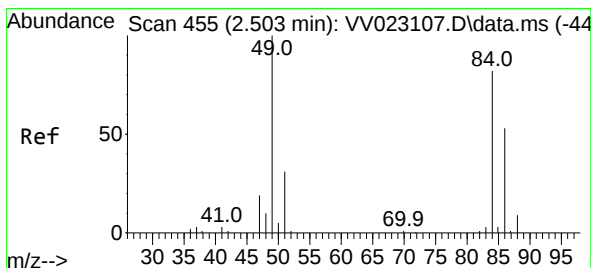
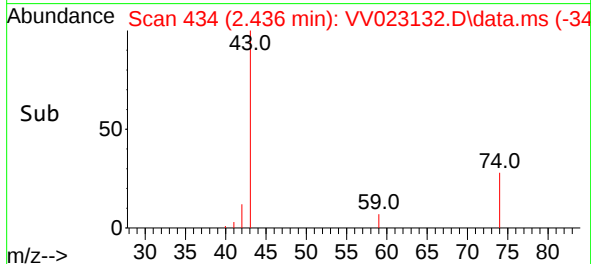
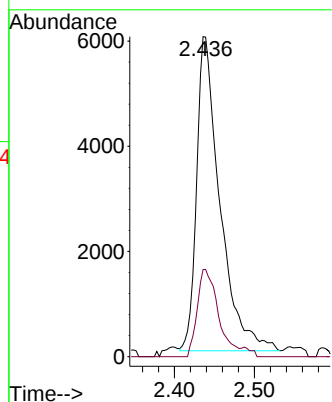
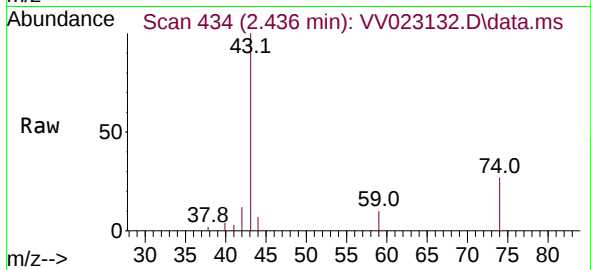




#15
Methyl Acetate
Concen: 3.710 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

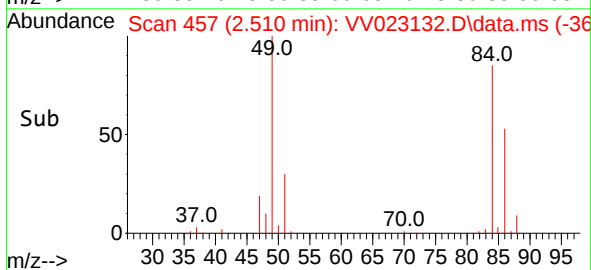
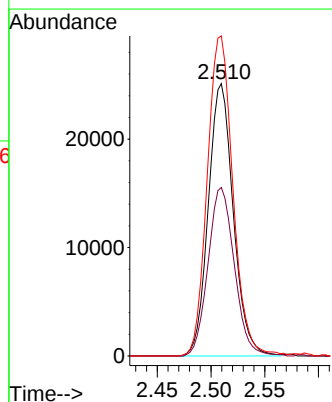
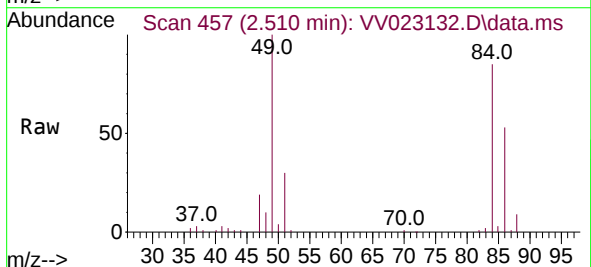
Instrument :
MSVOA_V
ClientSampleId :

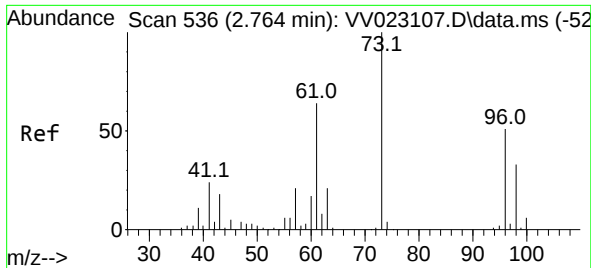
Tgt Ion: 43 Resp: 12113
Ion Ratio Lower Upper
43 100
74 24.9 22.2 33.2



#16
Methylene chloride
Concen: 5.795 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion: 84 Resp: 40668
Ion Ratio Lower Upper
84 100
86 61.9 42.3 78.5
49 117.5 79.7 148.1

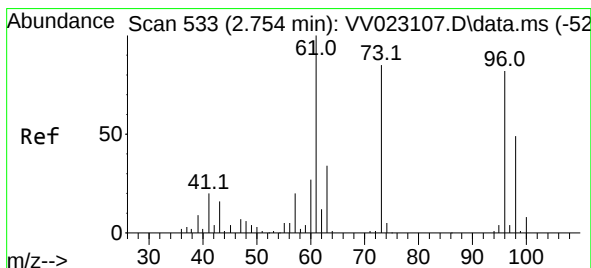
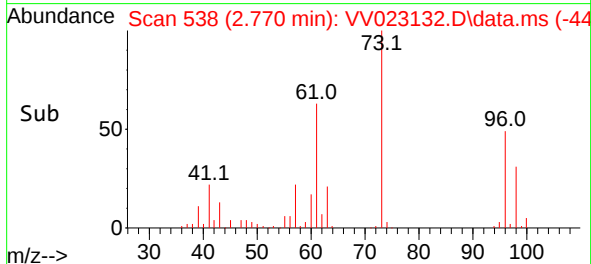
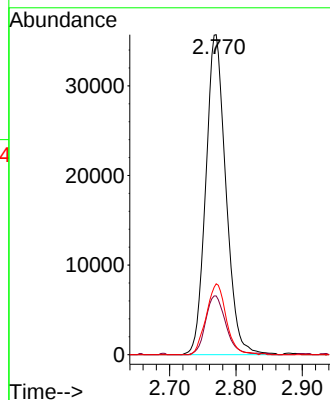
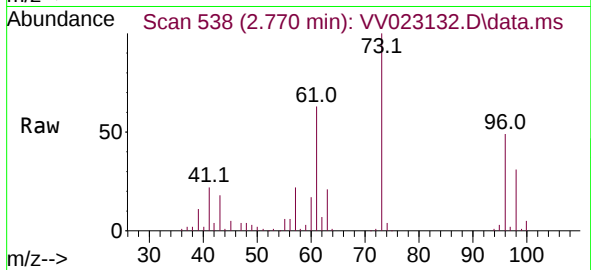




#17
Methyl tert-butyl Ether
Concen: 4.933 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

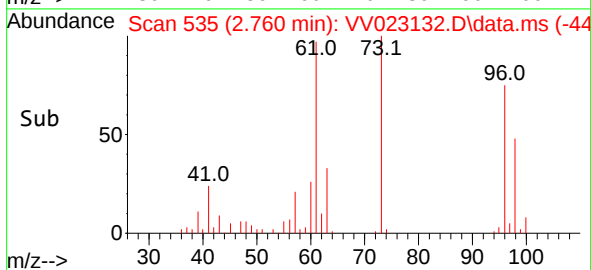
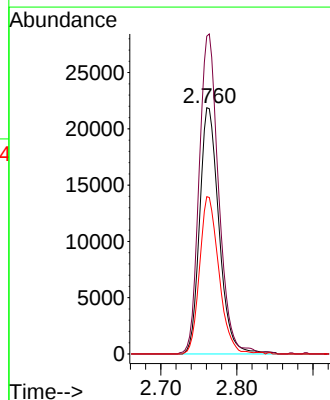
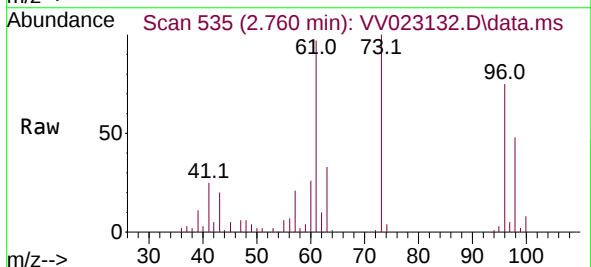
Instrument :
MSVOA_V
ClientSampleId :

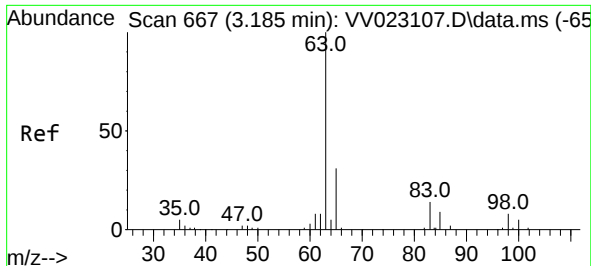
Tgt Ion: 73 Resp: 75251
Ion Ratio Lower Upper
73 100
43 18.5 17.4 26.0
57 22.0 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.668 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion: 96 Resp: 38663
Ion Ratio Lower Upper
96 100
61 129.1 93.2 173.2
98 63.9 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.783 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

ClientSampleId :

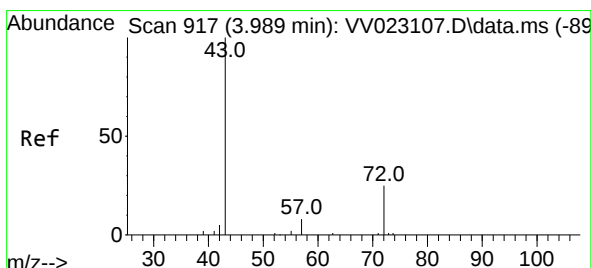
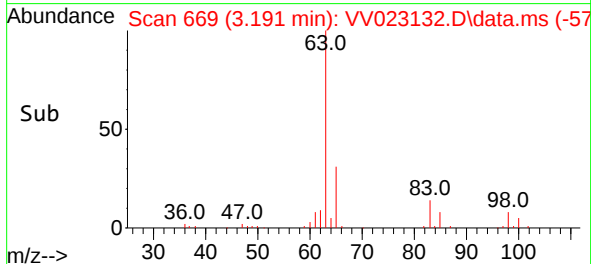
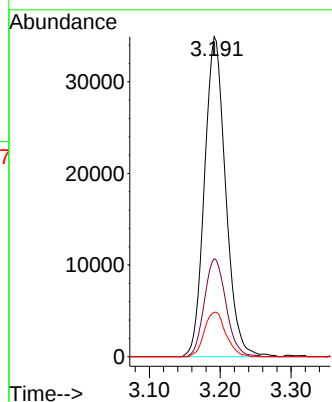
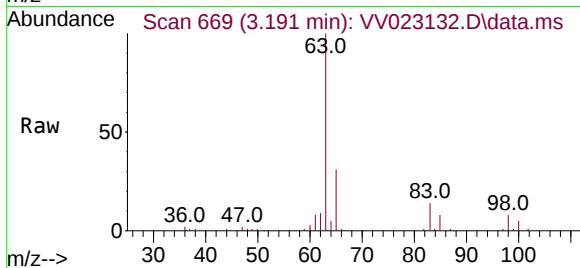
Tgt Ion: 63 Resp: 72476

Ion Ratio Lower Upper

63 100

65 30.6 22.6 42.0

83 13.8 11.1 20.7



#21

2-Butanone

Concen: 45.750 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.013 min

Lab File: VV023132.D

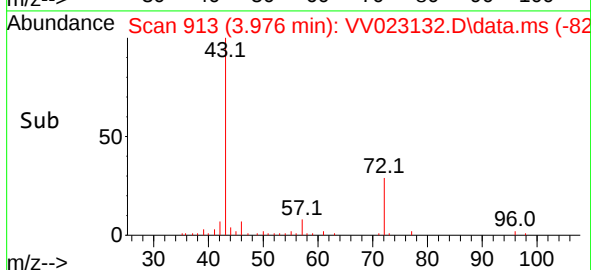
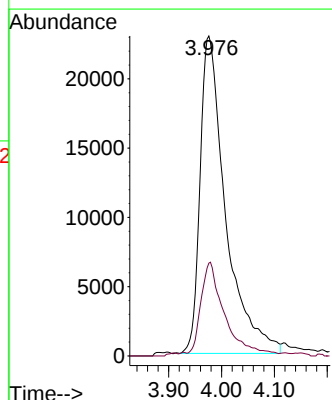
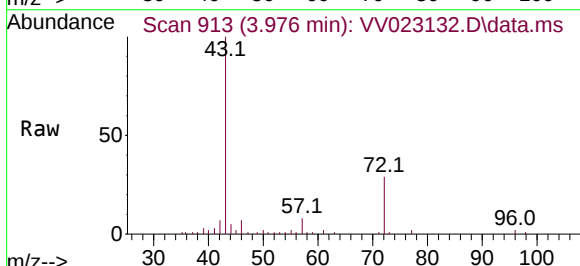
Acq: 01 Nov 2021 21:43

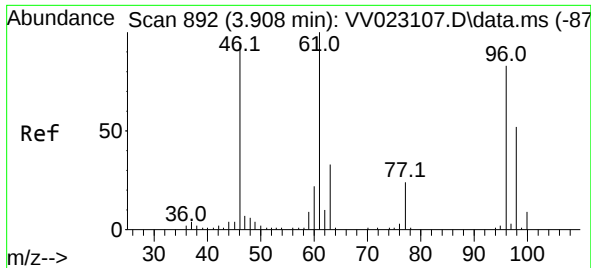
Tgt Ion: 43 Resp: 76866

Ion Ratio Lower Upper

43 100

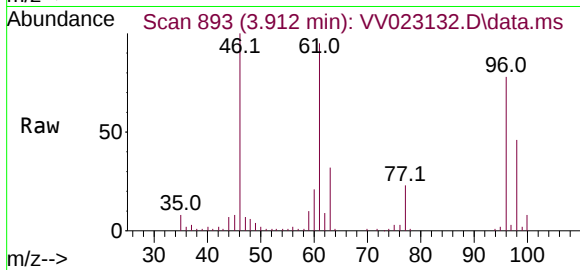
72 26.2 11.9 35.9



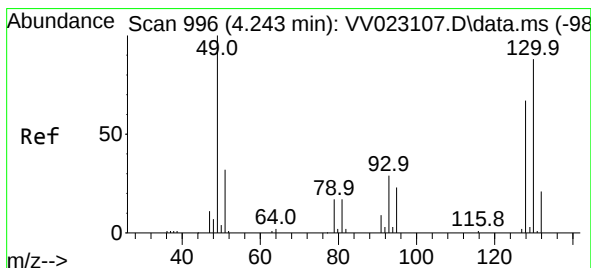
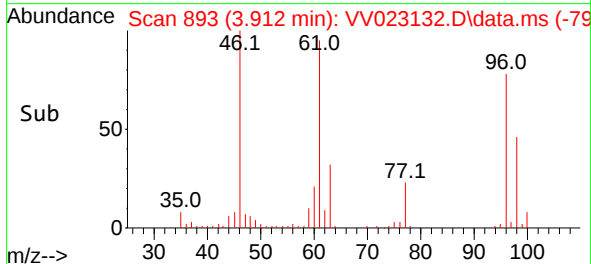
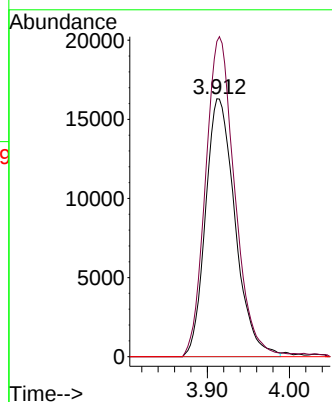


#22
 cis-1,2-Dichloroethene
 Concen: 5.290 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

Instrument :
 MSVOA_V
 ClientSampleId :

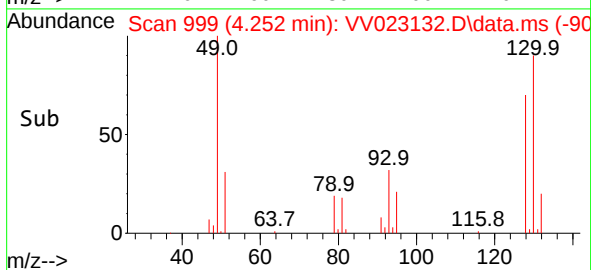
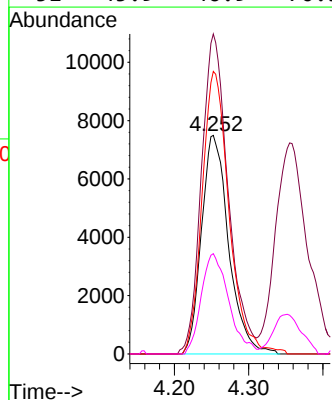
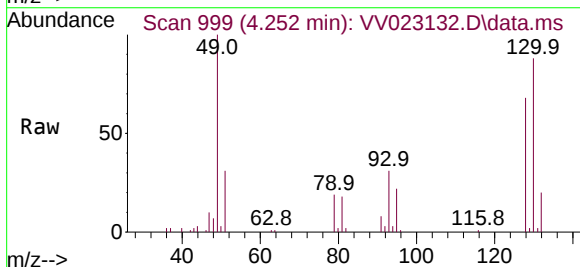


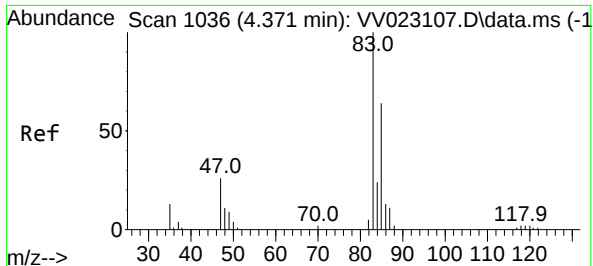
Tgt Ion: 96 Resp: 40913
 Ion Ratio Lower Upper
 96 100
 61 122.2 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.418 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

Tgt Ion: 128 Resp: 19020
 Ion Ratio Lower Upper
 128 100
 49 146.5 126.1 234.3
 130 129.3 95.2 176.8
 51 45.9 46.9 70.3#





#25

Chloroform

Concen: 4.672 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

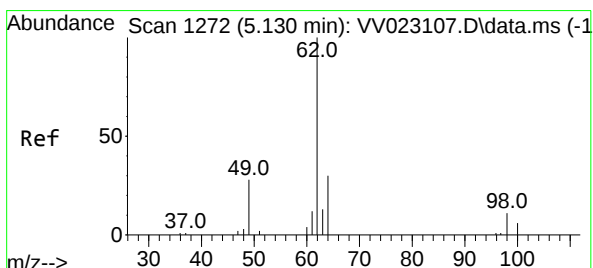
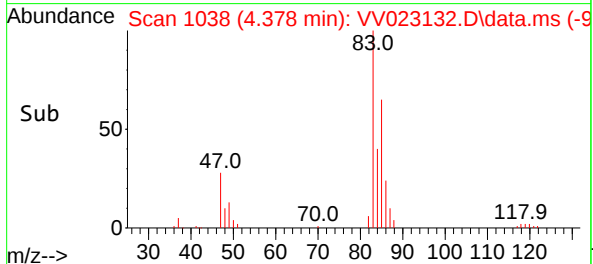
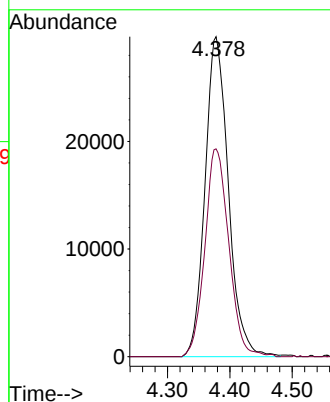
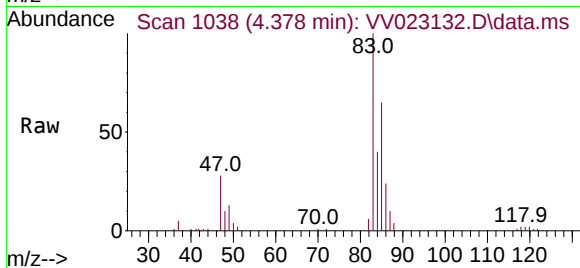
ClientSampleId :

Tgt Ion: 83 Resp: 77366

Ion Ratio Lower Upper

83 100

85 64.9 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.638 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV023132.D

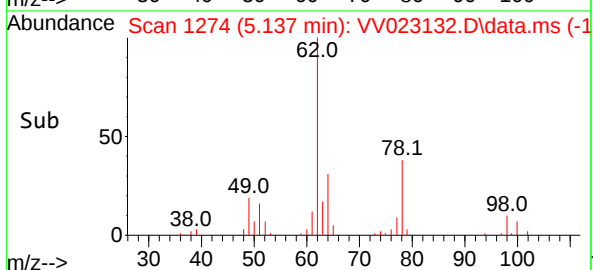
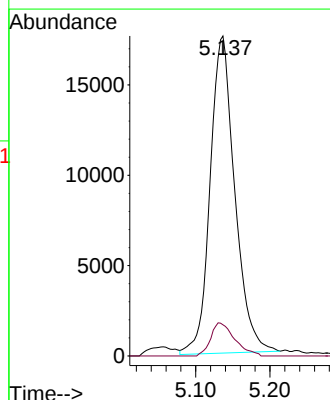
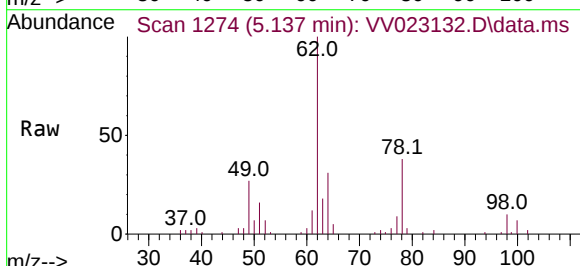
Acq: 01 Nov 2021 21:43

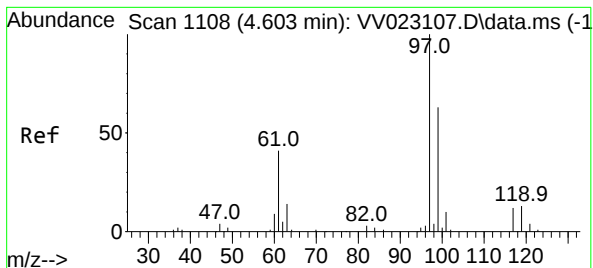
Tgt Ion: 62 Resp: 40501

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.660 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

ClientSampleId :

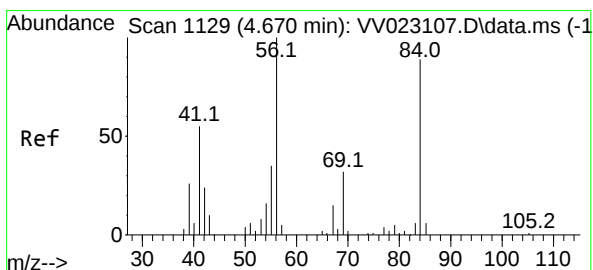
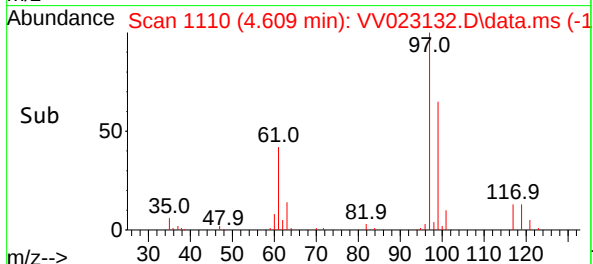
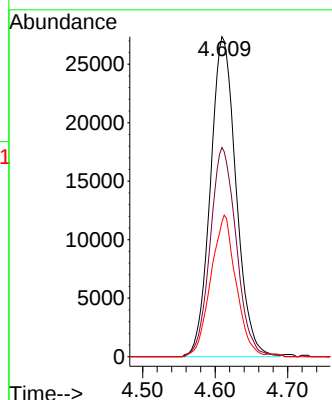
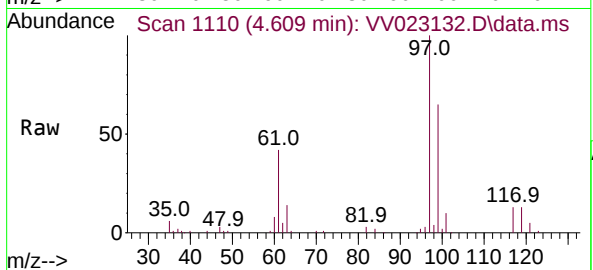
Tgt Ion: 97 Resp: 67284

Ion Ratio Lower Upper

97 100

99 66.4 51.0 76.4

61 43.4 34.1 51.1



#30

Cyclohexane

Concen: 4.112 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.010 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

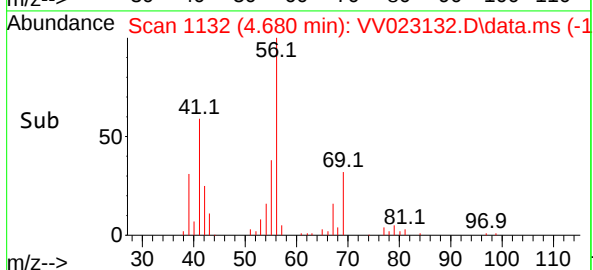
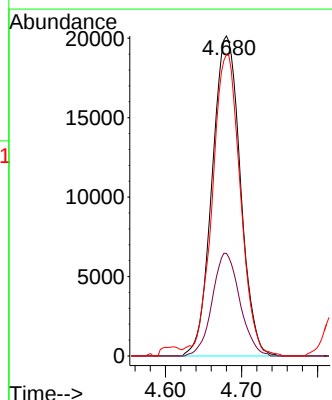
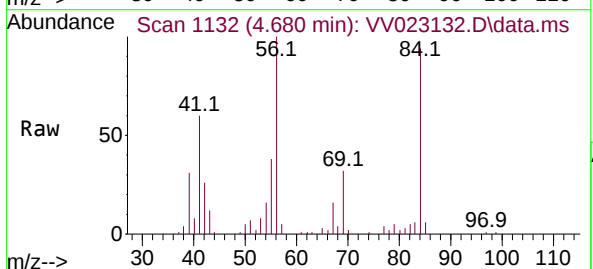
Tgt Ion: 56 Resp: 51837

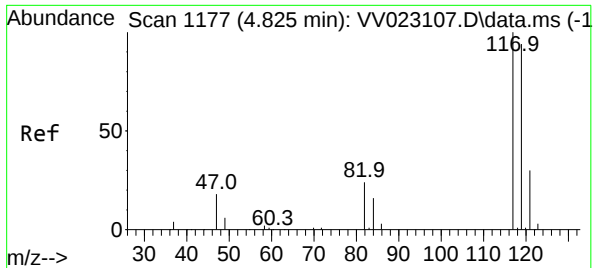
Ion Ratio Lower Upper

56 100

69 31.5 23.5 35.3

84 93.7 71.6 107.4

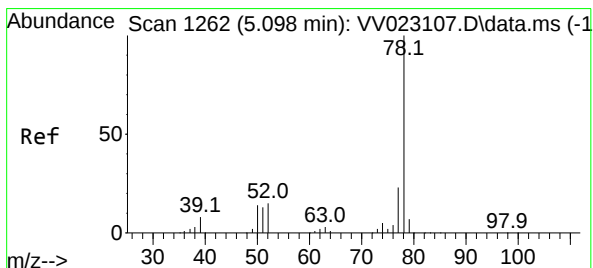
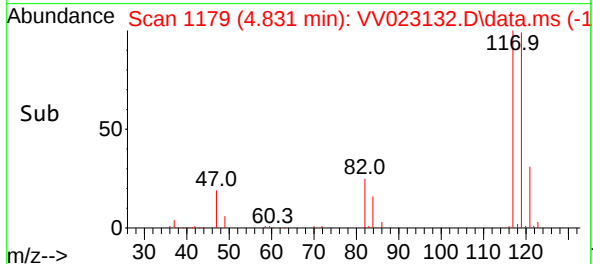
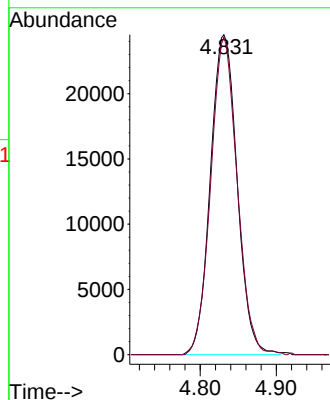
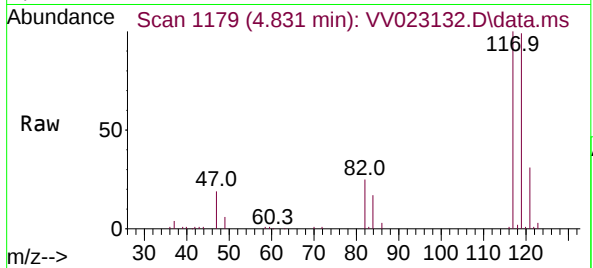




#31
Carbon tetrachloride
Concen: 4.825 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

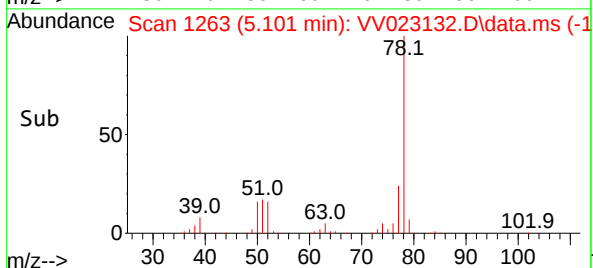
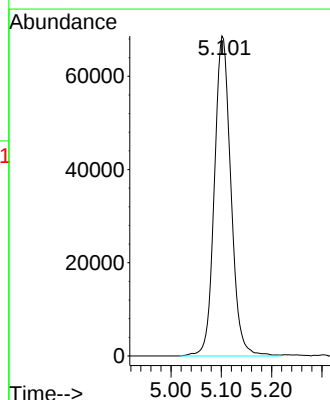
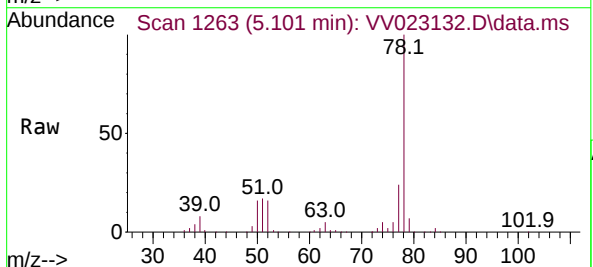
Instrument :
MSVOA_V
ClientSampleId :

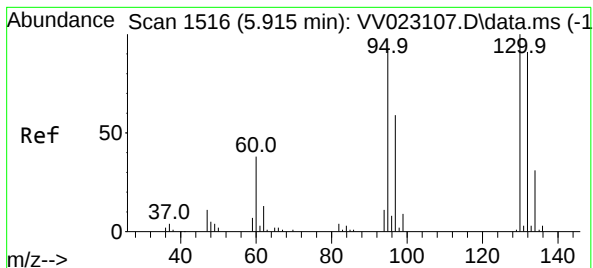
Tgt Ion:117 Resp: 59944
Ion Ratio Lower Upper
117 100
119 97.8 78.8 118.2



#33
Benzene
Concen: 4.565 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion: 78 Resp: 156955





#34

Trichloroethene

Concen: 4.729 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 40853

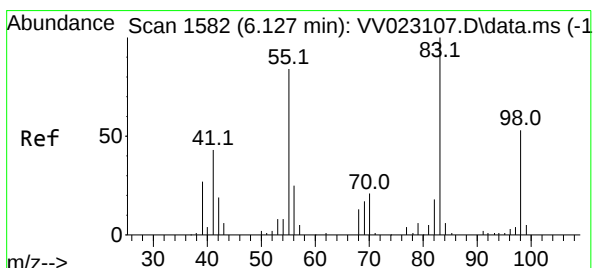
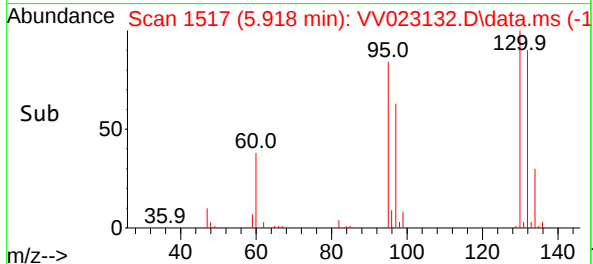
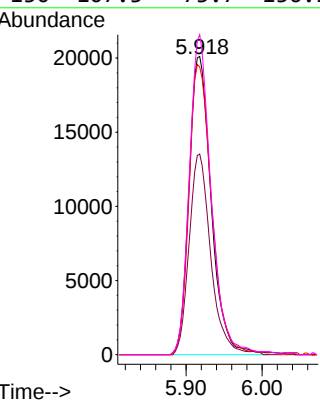
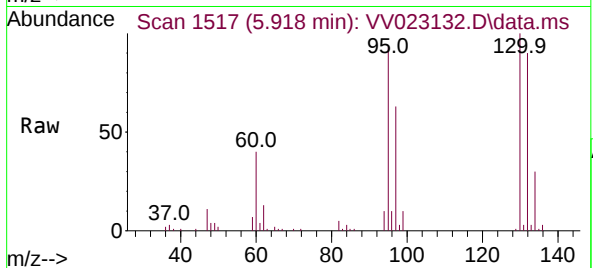
Ion Ratio Lower Upper

95 100

97 67.3 45.0 83.6

132 96.5 69.7 129.4

130 107.3 73.7 136.9



#35

Methylcyclohexane

Concen: 4.694 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

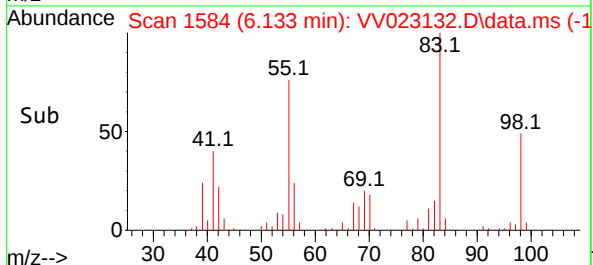
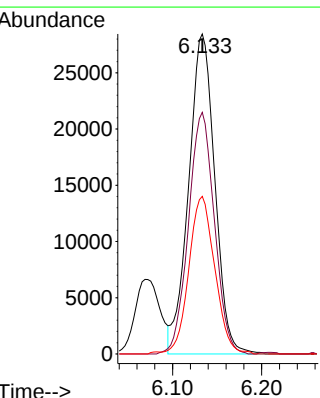
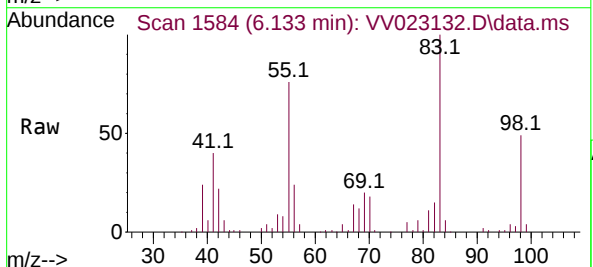
Tgt Ion: 83 Resp: 58056

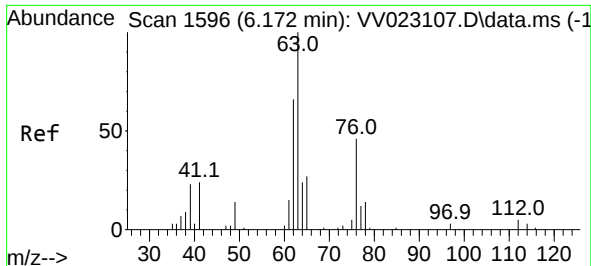
Ion Ratio Lower Upper

83 100

55 74.8 62.8 94.2

98 49.0 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.445 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

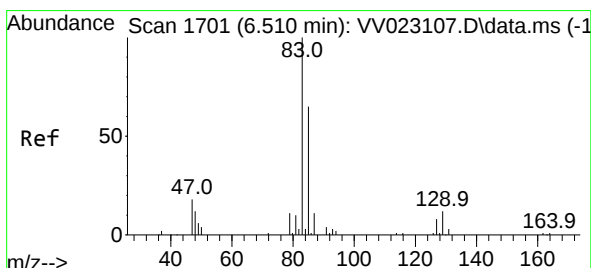
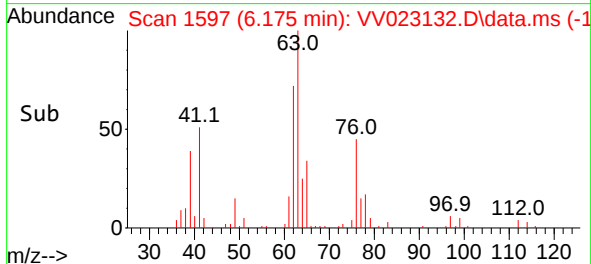
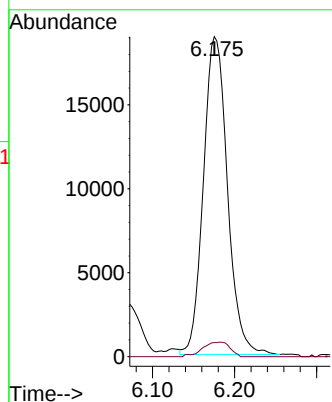
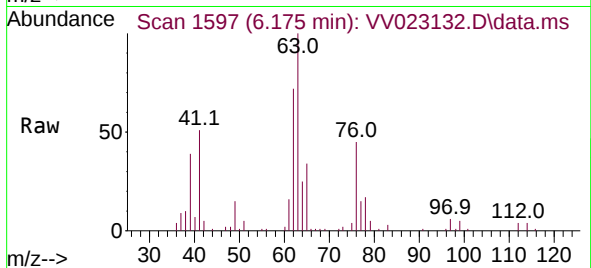
ClientSampleId :

Tgt Ion: 63 Resp: 38525

Ion Ratio Lower Upper

63 100

112 5.2 4.6 6.8



#38

Bromodichloromethane

Concen: 4.726 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

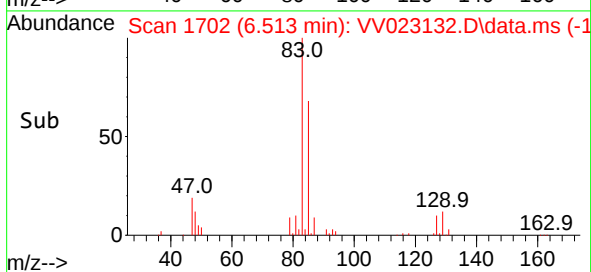
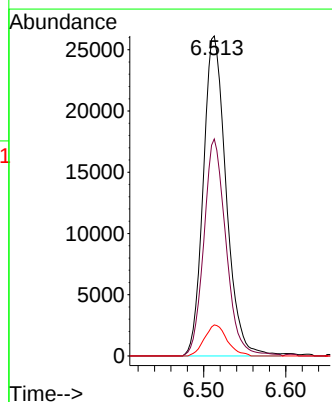
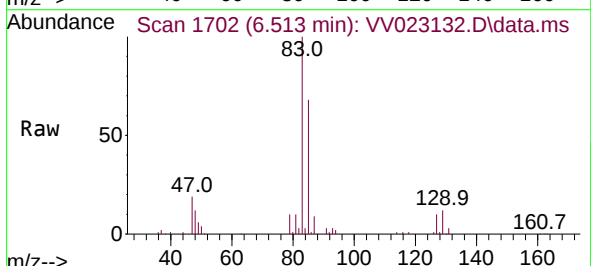
Tgt Ion: 83 Resp: 50525

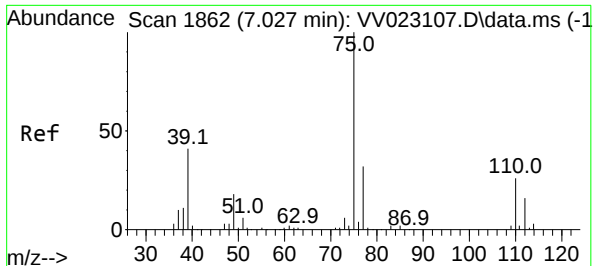
Ion Ratio Lower Upper

83 100

85 67.8 46.1 85.7

127 9.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.562 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

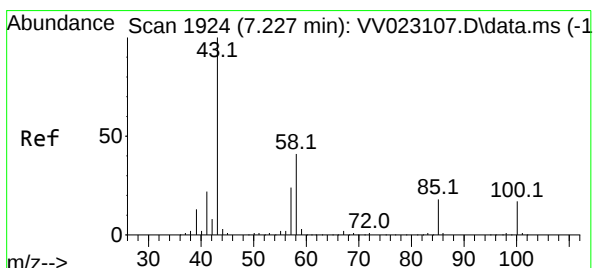
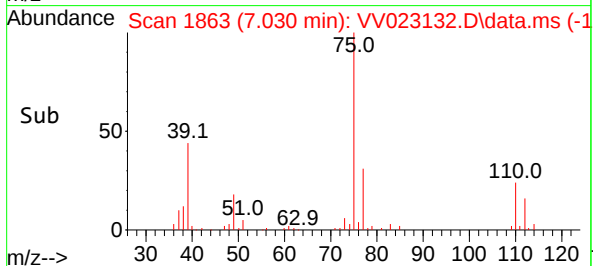
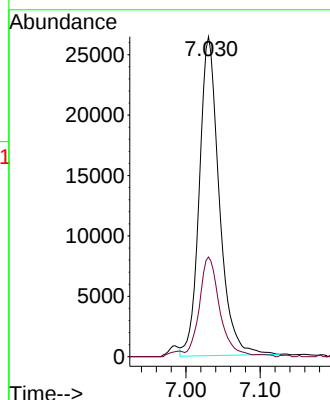
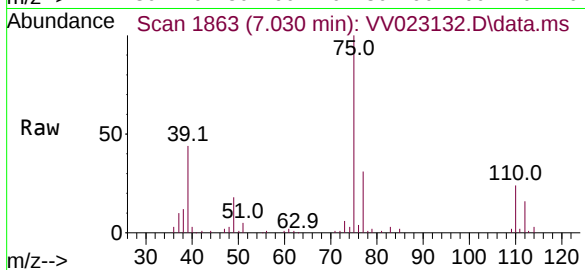
ClientSampleId :

Tgt Ion: 75 Resp: 49237

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 46.987 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

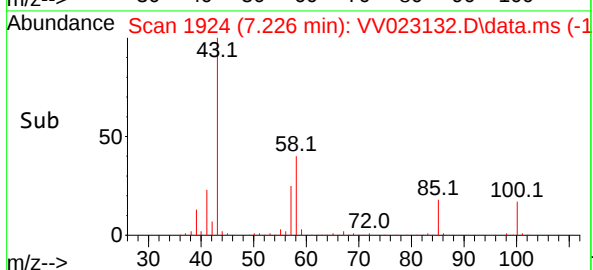
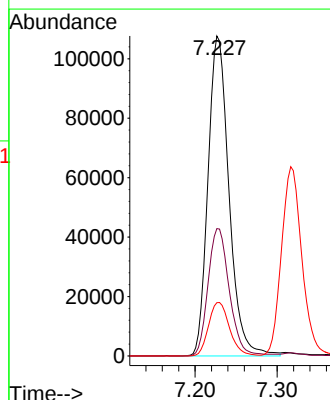
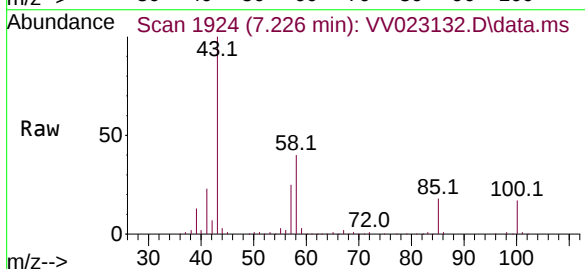
Tgt Ion: 43 Resp: 191716

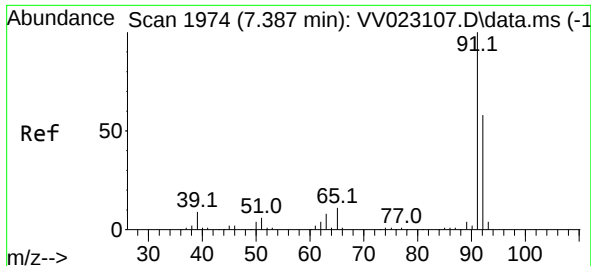
Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7

100 16.7 12.6 19.0





#42

Toluene

Concen: 4.962 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

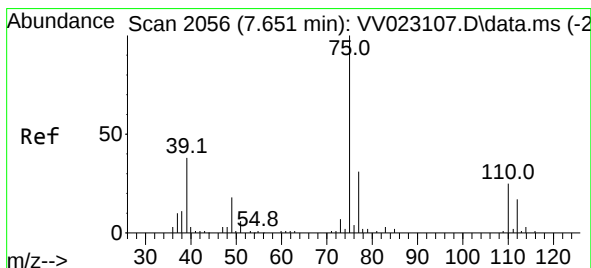
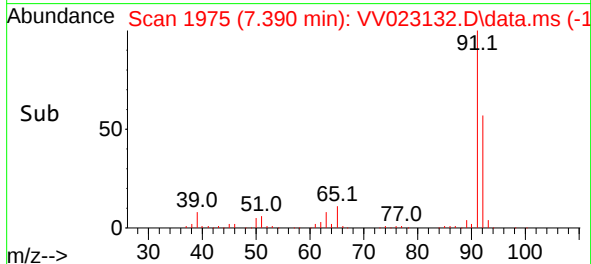
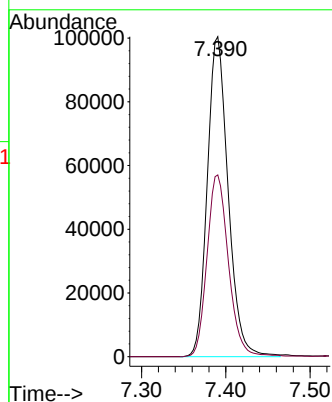
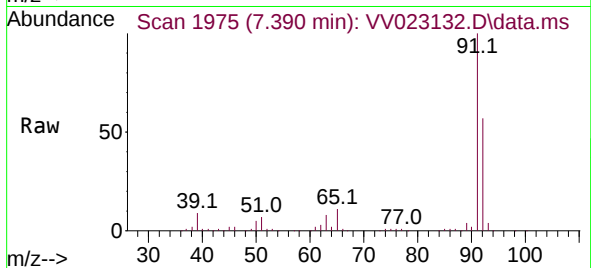
ClientSampleId :

Tgt Ion: 91 Resp: 172902

Ion Ratio Lower Upper

91 100

92 56.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.132 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023132.D

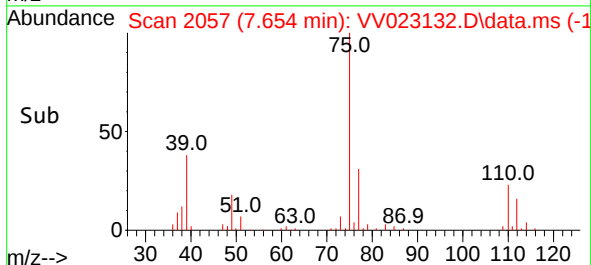
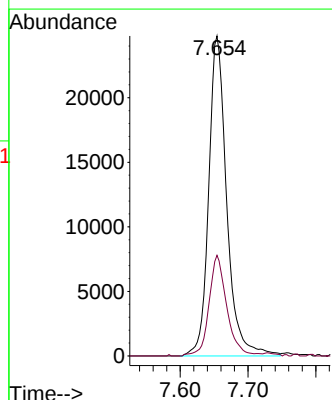
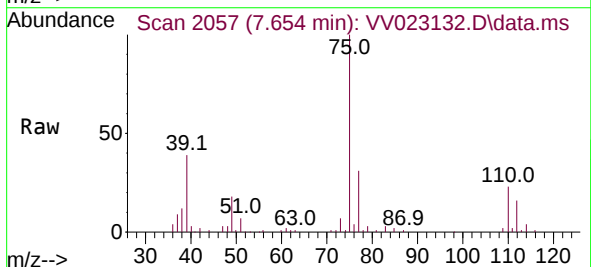
Acq: 01 Nov 2021 21:43

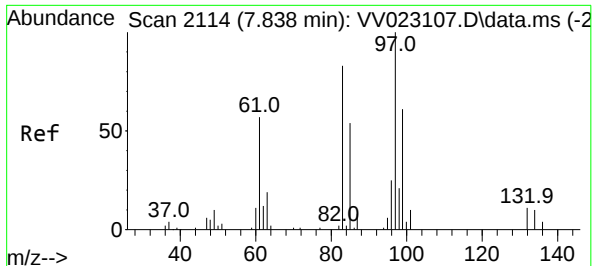
Tgt Ion: 75 Resp: 45815

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7

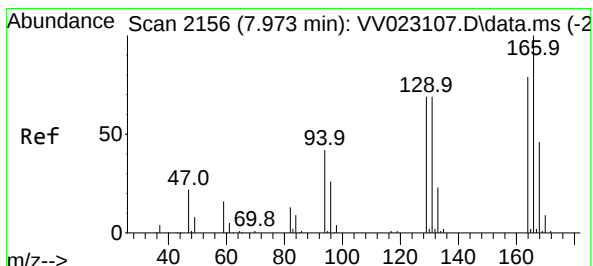
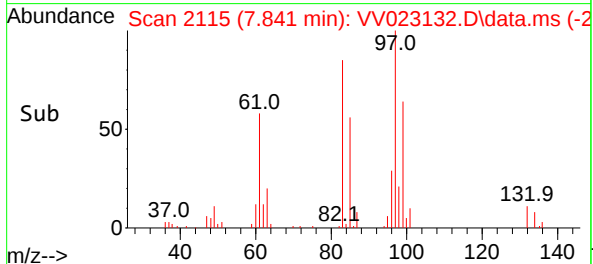
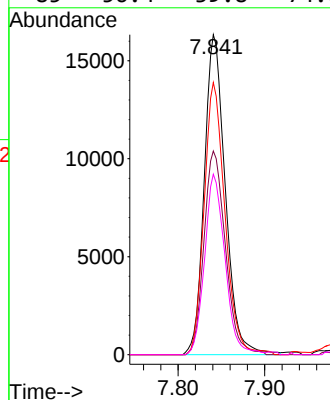
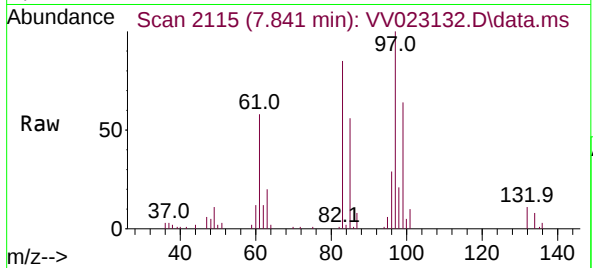




#45
1,1,2-Trichloroethane
Concen: 4.541 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

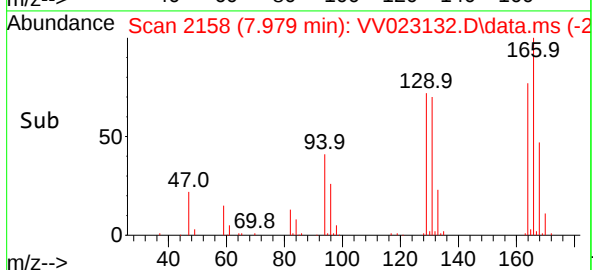
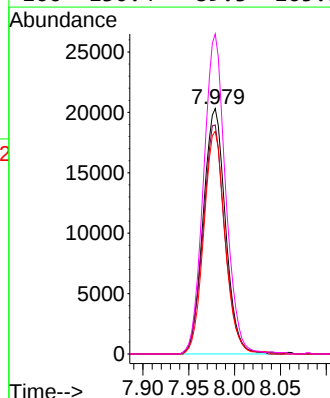
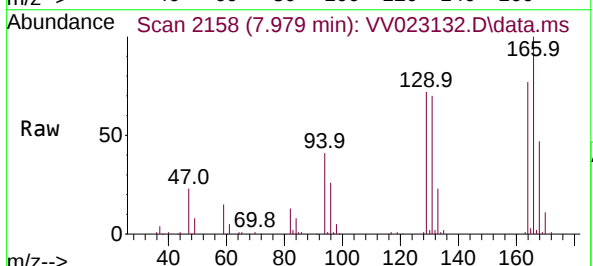
Instrument :
MSVOA_V
ClientSampleId :

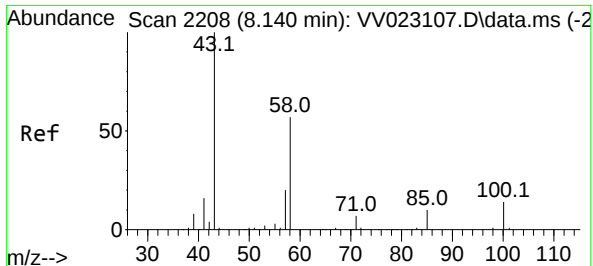
Tgt Ion:	97	Resp:	27532
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.6	81.0
83	85.1	58.4	108.4
85	56.4	39.8	74.0



#47
Tetrachloroethene
Concen: 4.694 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion:	164	Resp:	34258
Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.0	119.0
131	90.7	63.4	117.8
166	130.4	89.3	165.9

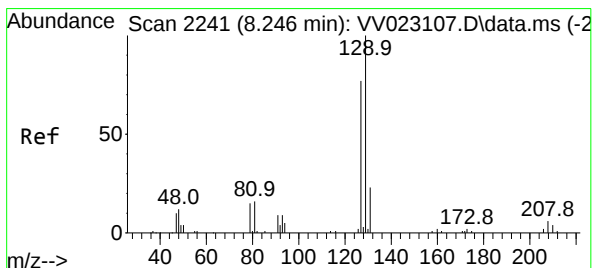
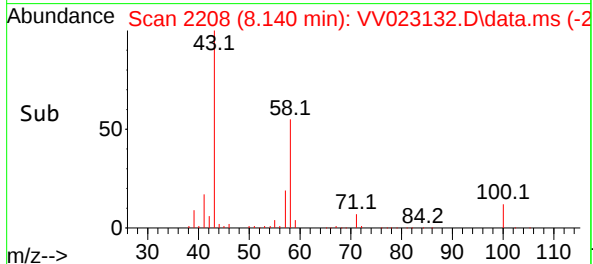
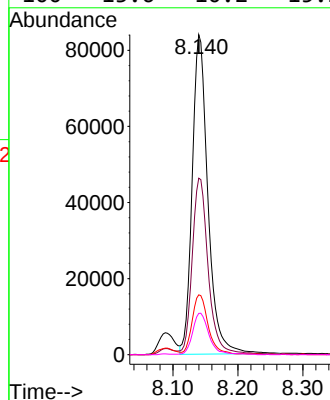
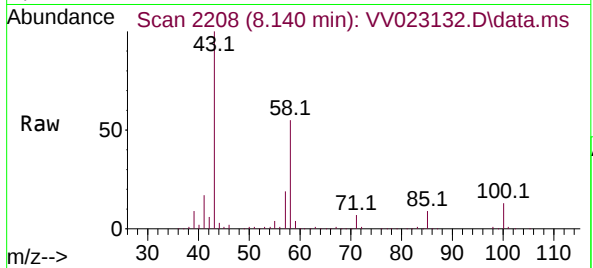




#48
2-Hexanone
Concen: 46.712 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

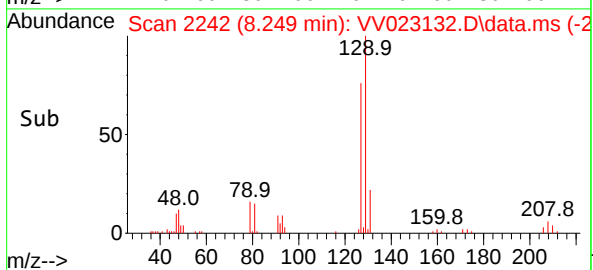
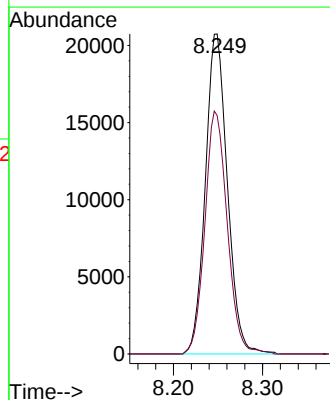
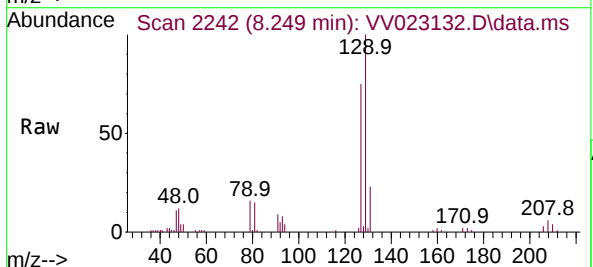
Instrument :
MSVOA_V
ClientSampleId :

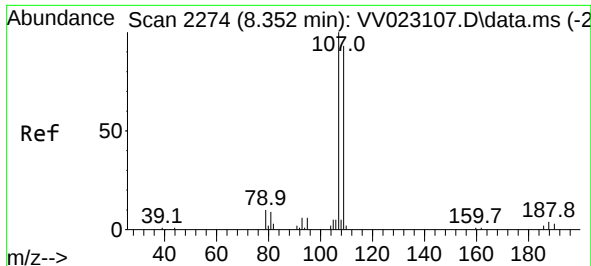
Tgt Ion: 43 Resp: 141482
Ion Ratio Lower Upper
43 100
58 55.8 43.7 65.5
57 18.6 14.1 21.1
100 13.6 10.2 15.2



#49
Dibromochloromethane
Concen: 4.947 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion:129 Resp: 35690
Ion Ratio Lower Upper
129 100
127 74.5 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.690 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023132.D

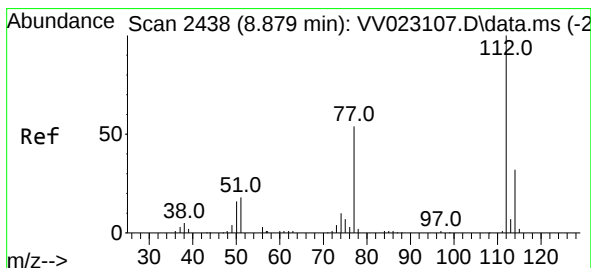
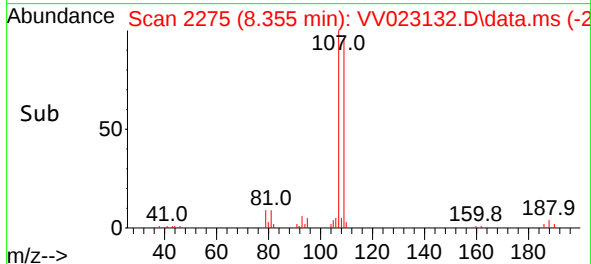
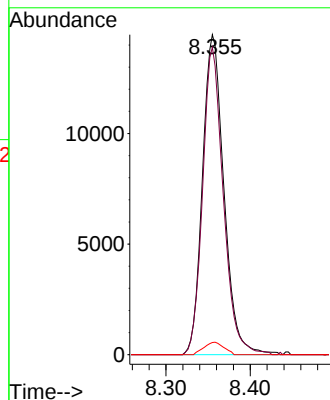
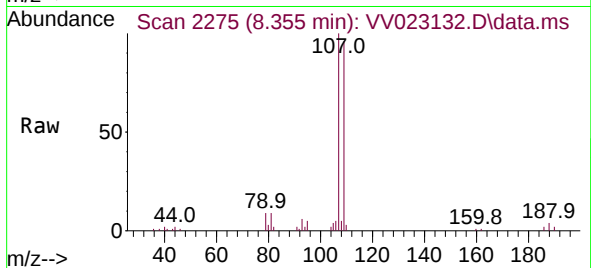
Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	25601
Ion	Ratio	Lower Upper
107	100	
109	96.0	64.7 120.1
188	3.8	3.6 5.4



#51

Chlorobenzene

Concen: 4.849 ug/L

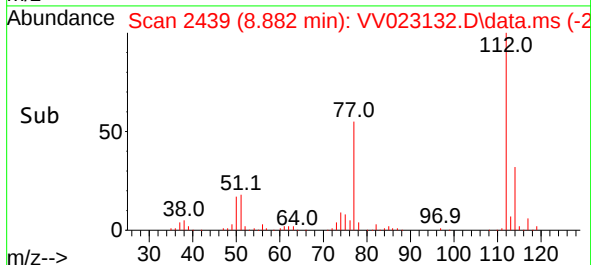
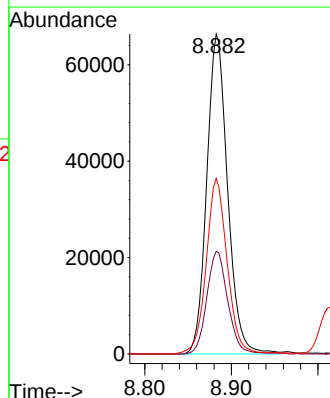
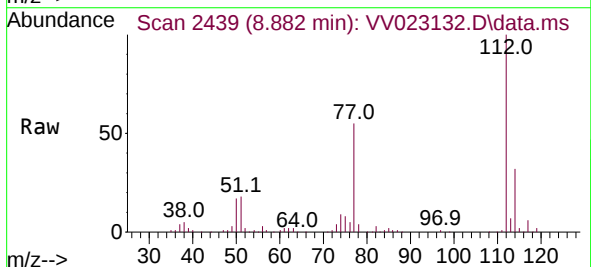
RT: 8.882 min Scan# 2439

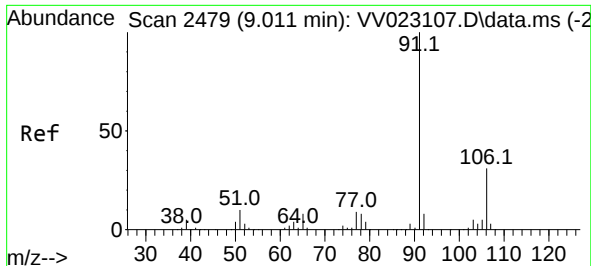
Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Tgt Ion:112	Resp:	110992
Ion	Ratio	Lower Upper
112	100	
114	32.1	22.0 40.8
77	54.8	44.4 66.6

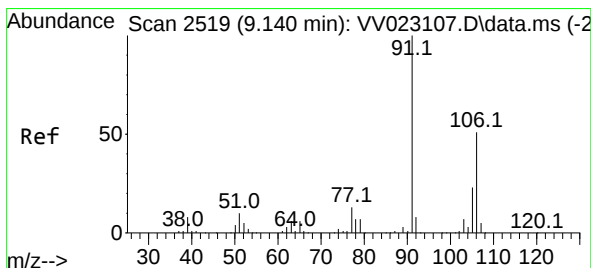
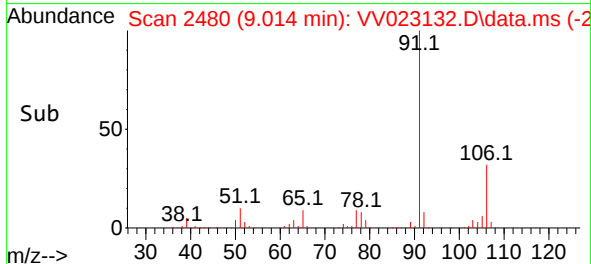
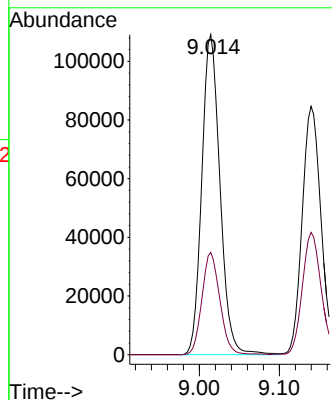
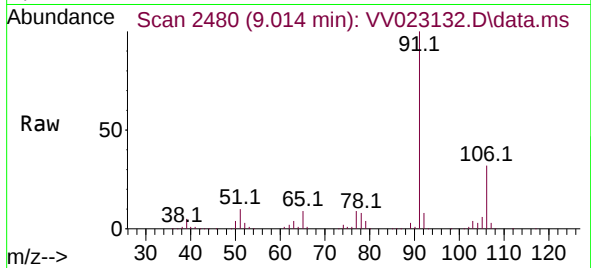




#52
Ethylbenzene
Concen: 5.007 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

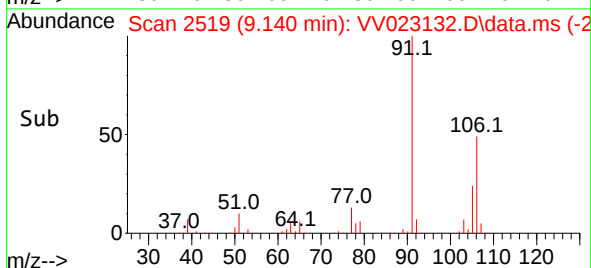
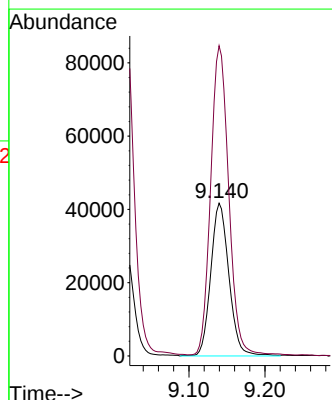
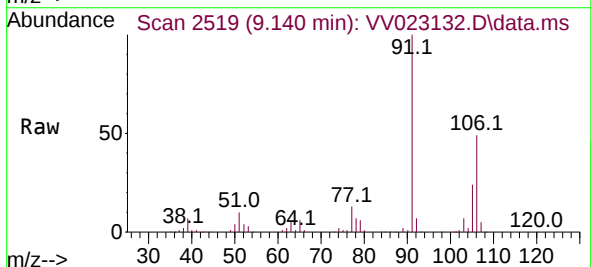
Instrument :
MSVOA_V
ClientSampleId :

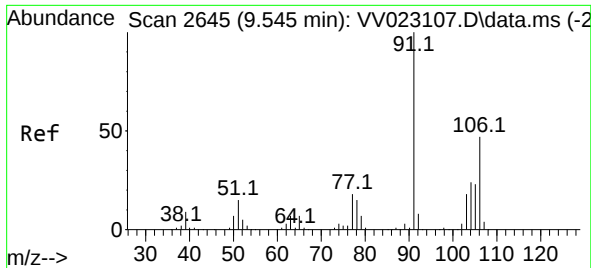
Tgt Ion: 91 Resp: 173169
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.9



#53
m,p-xylene
Concen: 4.991 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion: 106 Resp: 69218
Ion Ratio Lower Upper
106 100
91 203.1 137.2 254.8

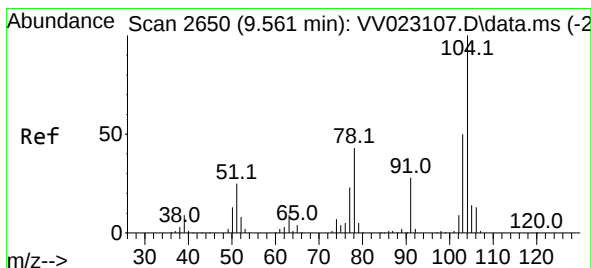
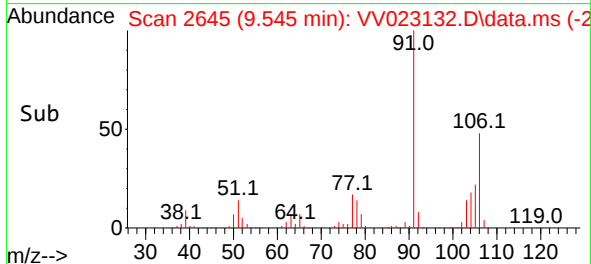
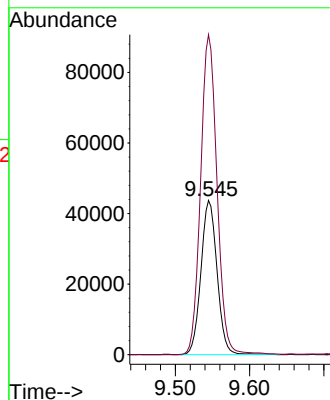
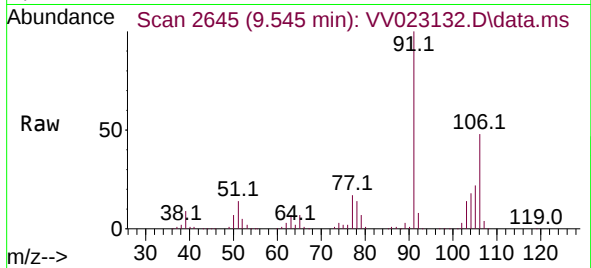




#54
o-xylene
Concen: 5.057 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

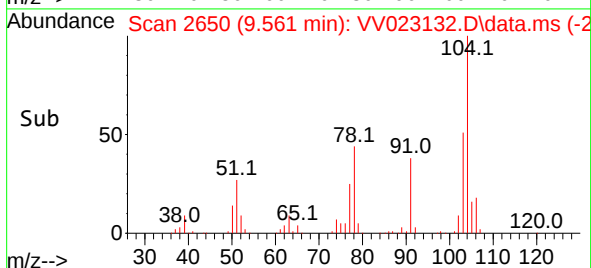
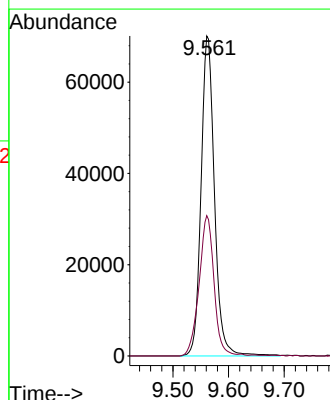
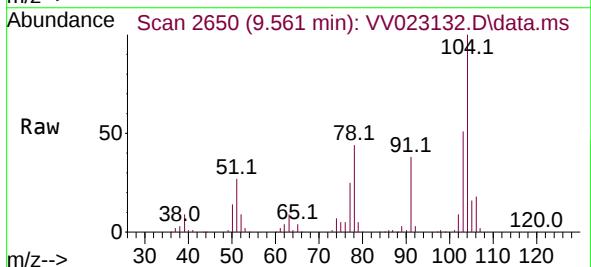
Instrument :
MSVOA_V
ClientSampleId :

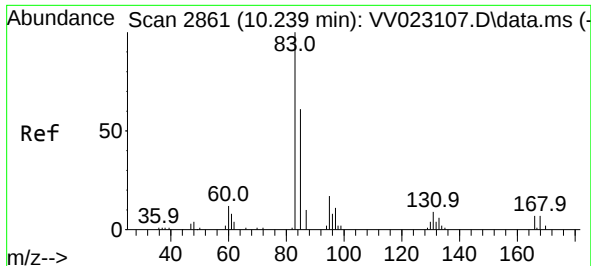
Tgt Ion:106 Resp: 66030
Ion Ratio Lower Upper
106 100
91 207.6 148.3 275.5



#55
Styrene
Concen: 5.209 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion:104 Resp: 117462
Ion Ratio Lower Upper
104 100
78 43.9 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.587 ug/L

RT: 10.242 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

ClientSampleId :

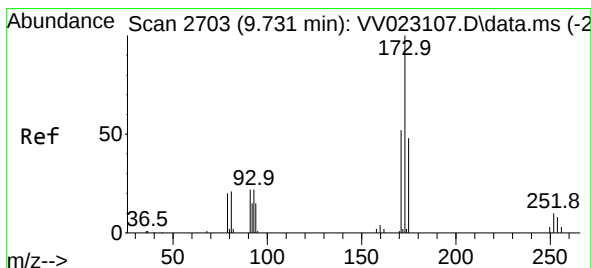
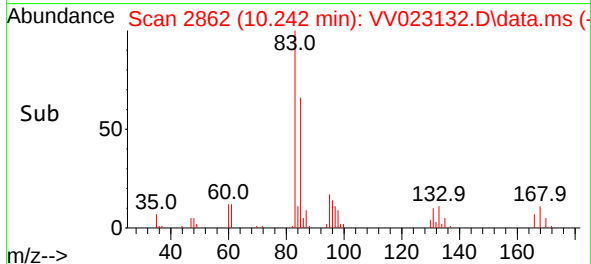
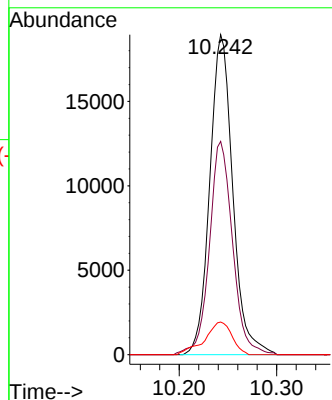
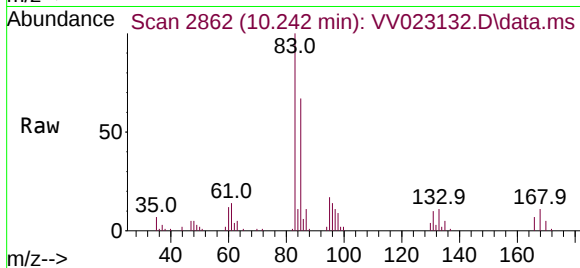
Tgt Ion: 83 Resp: 31085

Ion Ratio Lower Upper

83 100

85 66.7 45.1 83.9

131 10.2 7.8 11.6



#59

Bromoform

Concen: 4.454 ug/L

RT: 9.734 min Scan# 2704

Delta R.T. 0.003 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

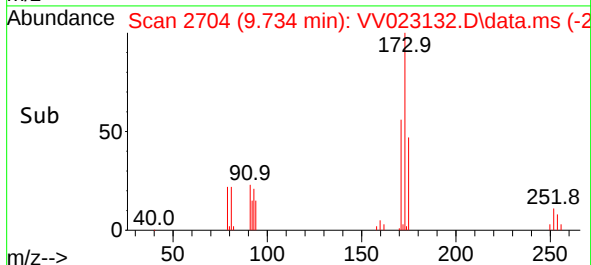
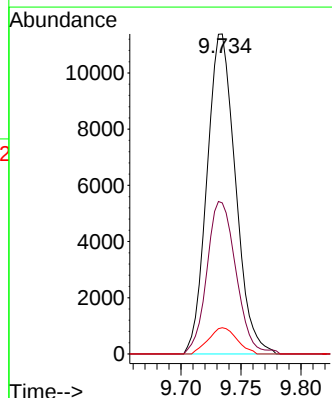
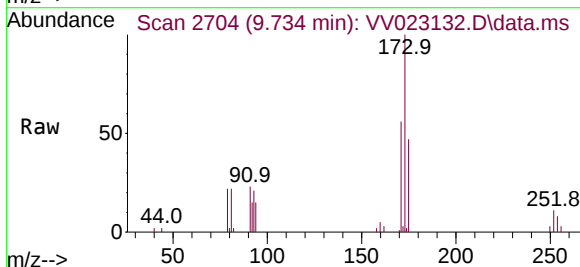
Tgt Ion: 173 Resp: 18782

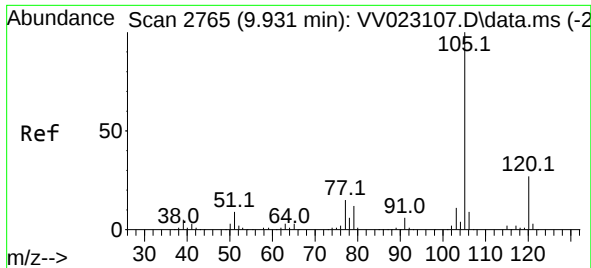
Ion Ratio Lower Upper

173 100

175 48.7 38.2 57.2

254 8.2 6.2 9.2

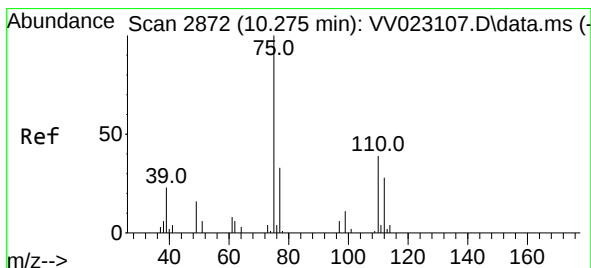
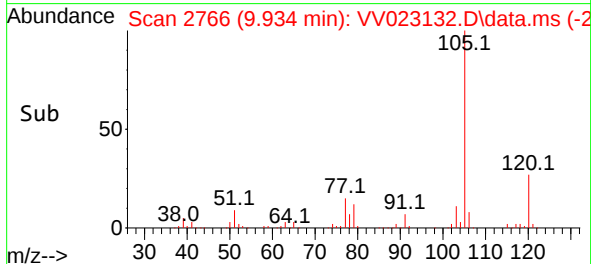
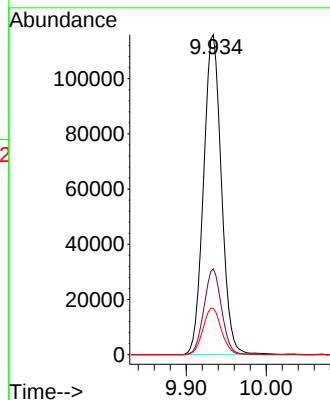
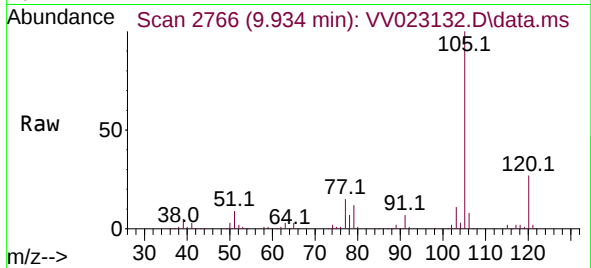




#60
Isopropylbenzene
Concen: 4.919 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

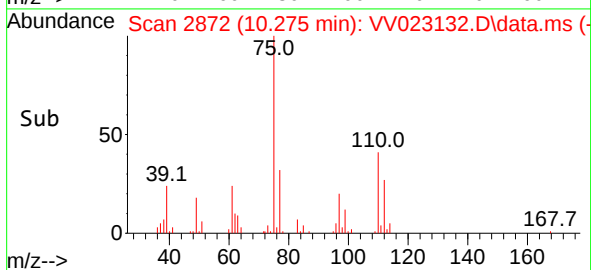
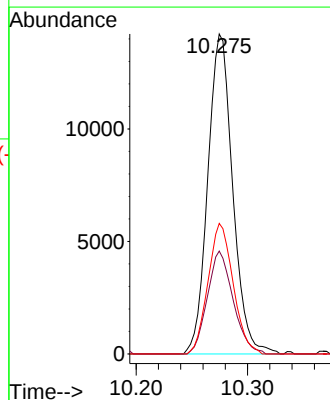
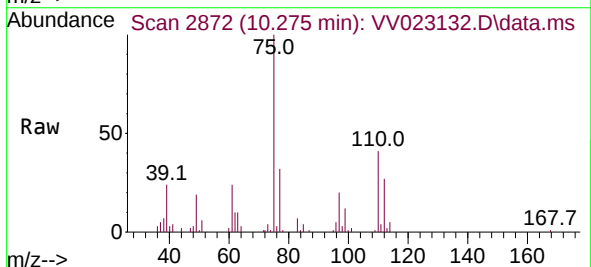
Instrument :
MSVOA_V
ClientSampleId :

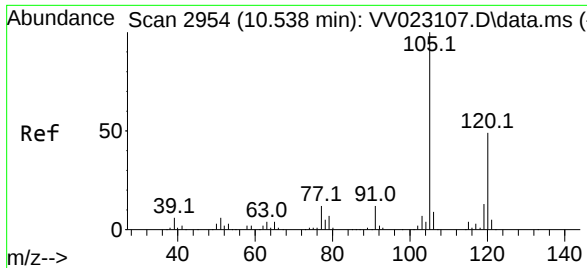
Tgt Ion:105 Resp: 180014
Ion Ratio Lower Upper
105 100
120 26.4 21.7 32.5
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.337 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion: 75 Resp: 22086
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 41.1 31.8 47.6

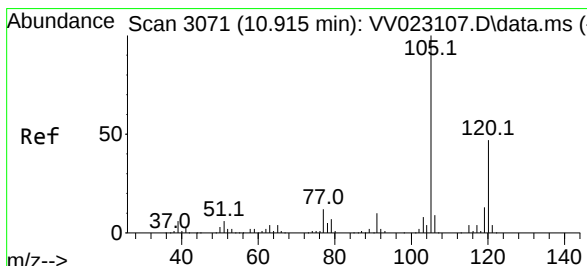
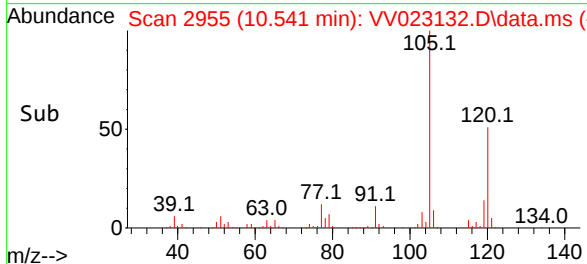
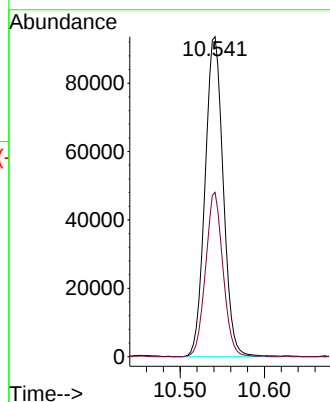
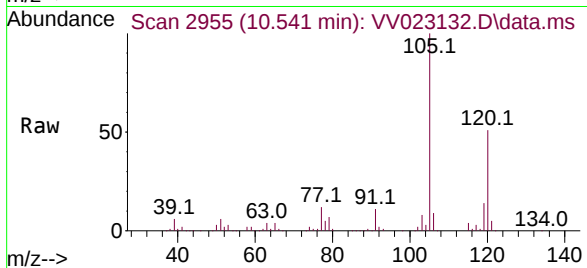




#62
1,3,5-Trimethylbenzene
Concen: 4.789 ug/L
RT: 10.541 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

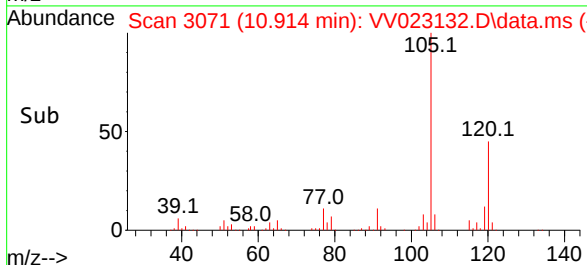
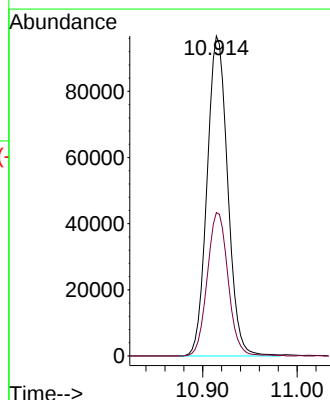
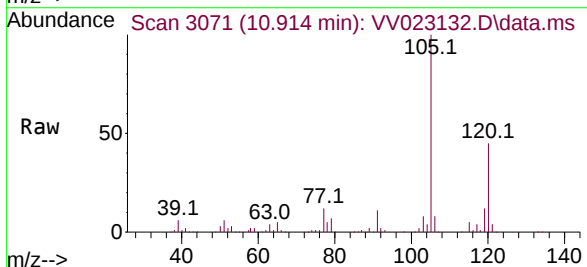
Instrument :
MSVOA_V
ClientSampleId :

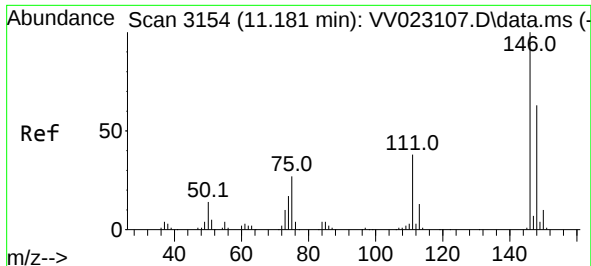
Tgt Ion:105 Resp: 140775
Ion Ratio Lower Upper
105 100
120 49.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 4.998 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

Tgt Ion:105 Resp: 146640
Ion Ratio Lower Upper
105 100
120 45.2 37.4 56.2

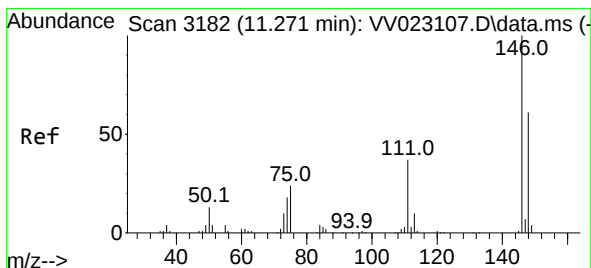
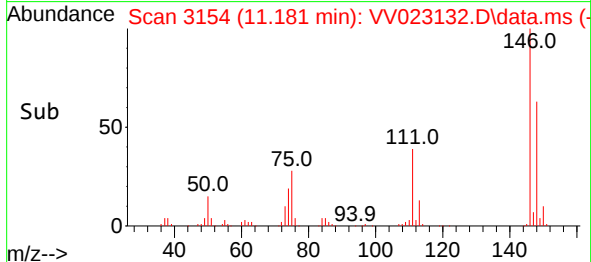
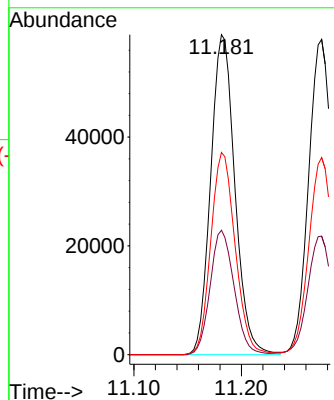
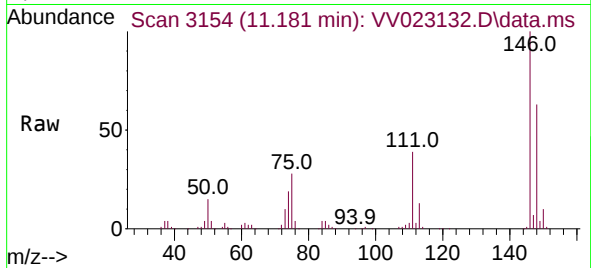




#64
1,3-Dichlorobenzene
Concen: 4.780 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

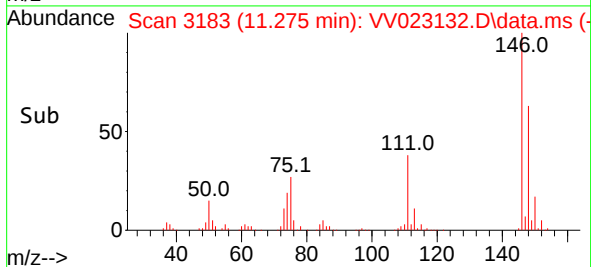
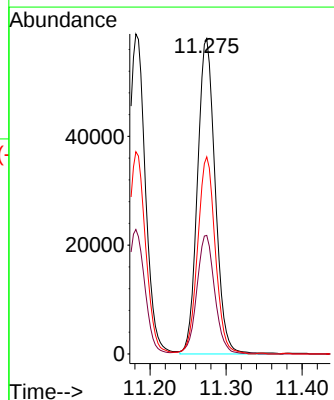
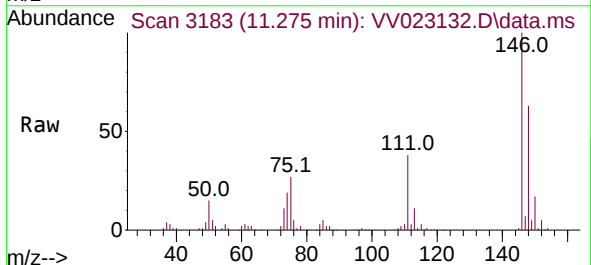
Instrument :
MSVOA_V
ClientSampleId :

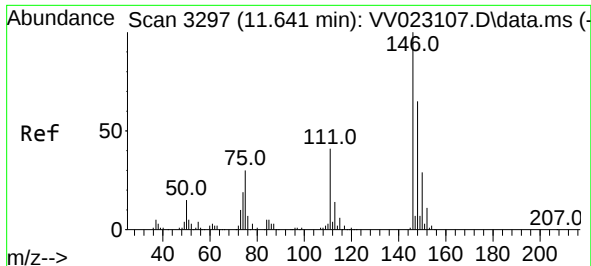
Tgt Ion:146 Resp: 92048
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.7
148 63.2 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.804 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023132.D
Acq: 01 Nov 2021 21:43

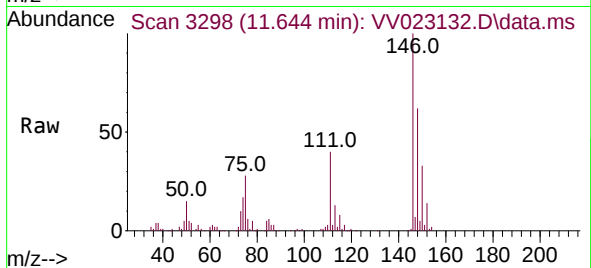
Tgt Ion:146 Resp: 93970
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 62.5 44.4 82.5



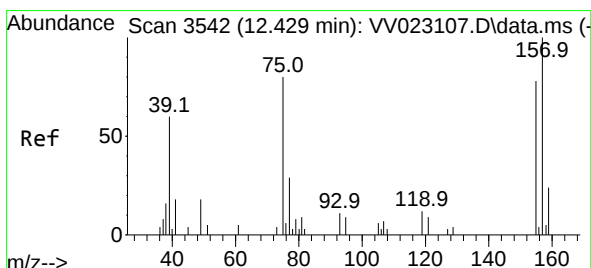
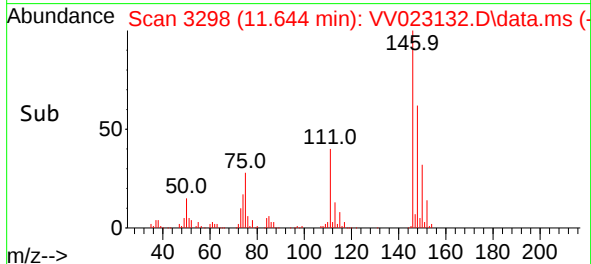
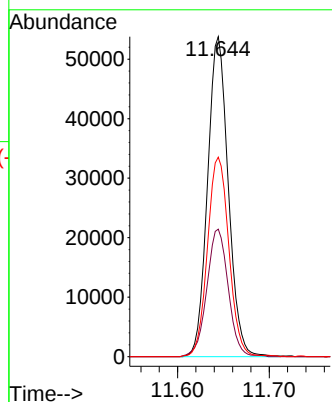


#67
 1,2-Dichlorobenzene
 Concen: 4.709 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

Instrument :
 MSVOA_V
 ClientSampleId :

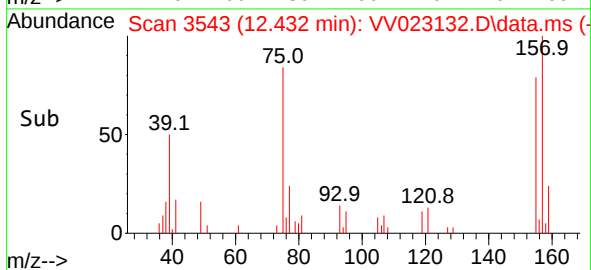
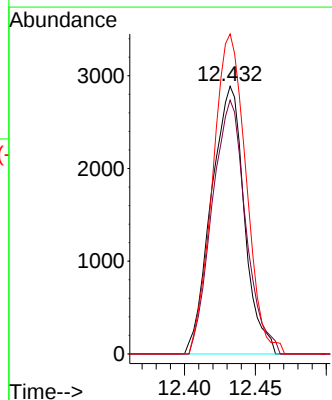
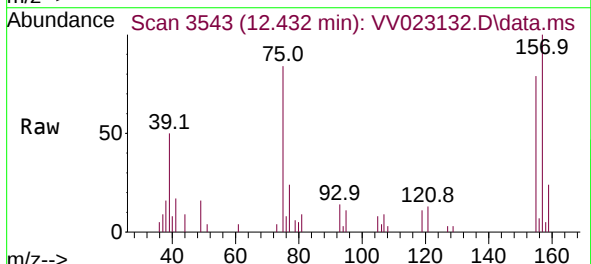


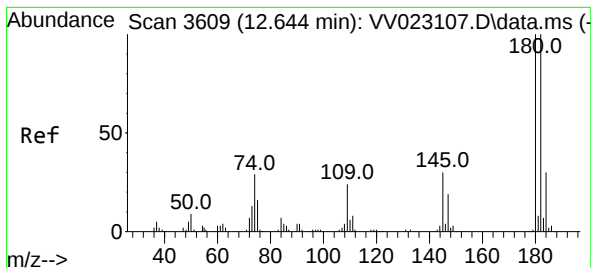
Tgt Ion:146 Resp: 84422
 Ion Ratio Lower Upper
 146 100
 111 39.8 31.6 47.4
 148 62.4 51.0 76.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.657 ug/L
 RT: 12.432 min Scan# 3543
 Delta R.T. 0.003 min
 Lab File: VV023132.D
 Acq: 01 Nov 2021 21:43

Tgt Ion: 75 Resp: 4680
 Ion Ratio Lower Upper
 75 100
 155 94.8 67.7 101.5
 157 119.5 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.771 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

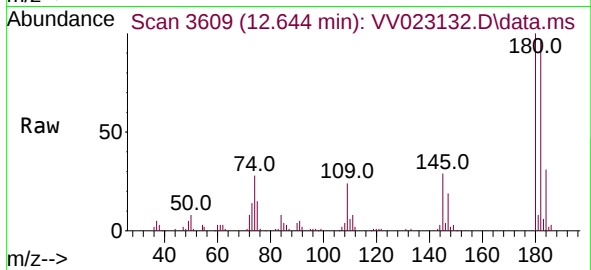
Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 69971

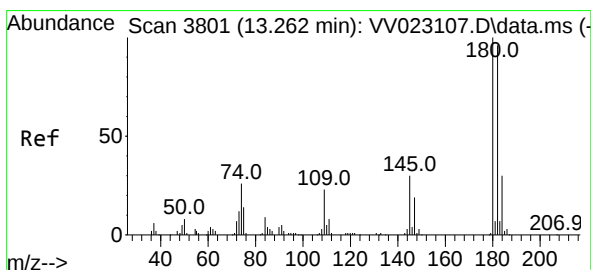
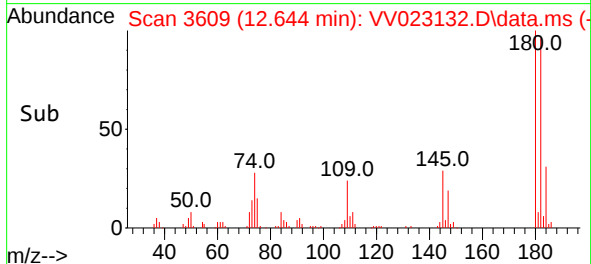
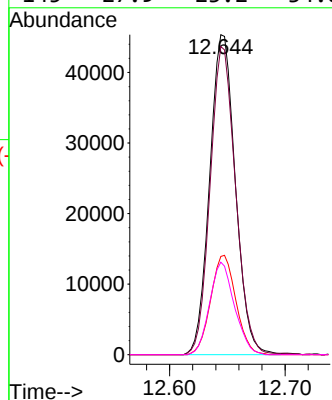
Ion Ratio Lower Upper

180 100

182 95.0 74.9 112.3

184 30.5 23.8 35.8

145 27.9 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.897 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

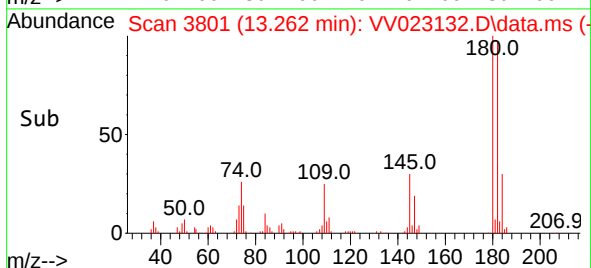
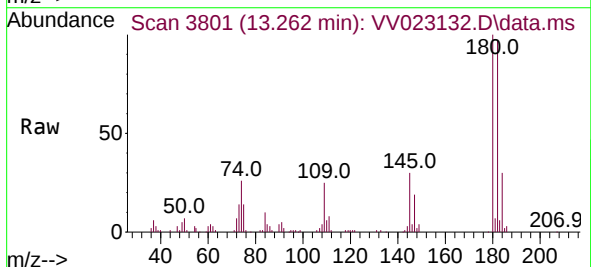
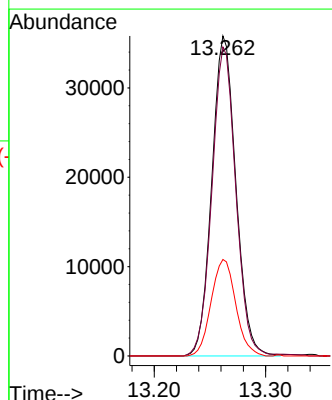
Tgt Ion:180 Resp: 53733

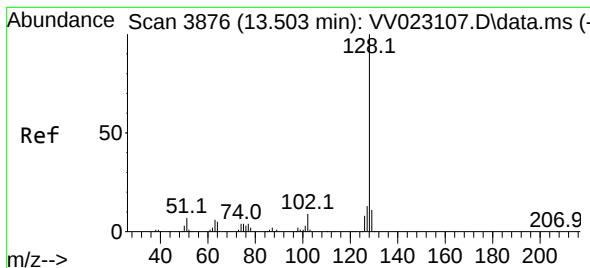
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 30.8 24.4 36.6





#71

Naphthalene

Concen: 4.806 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023132.D

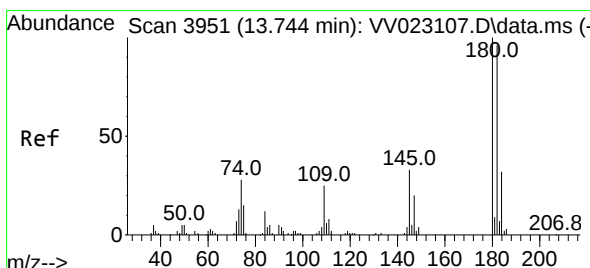
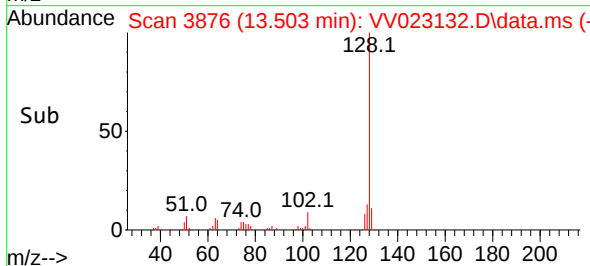
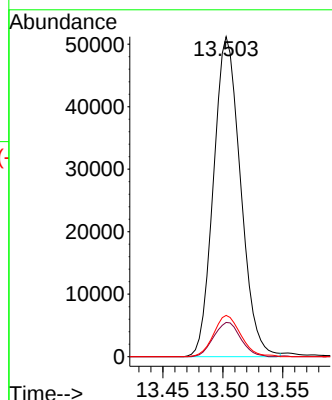
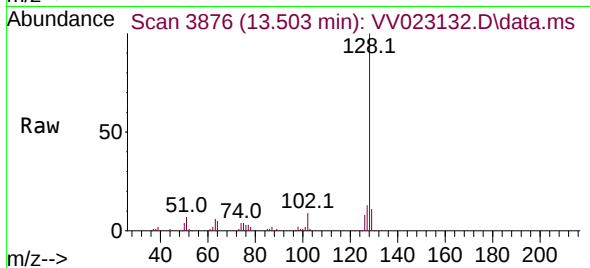
Acq: 01 Nov 2021 21:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	80190
Ion Ratio	Lower	Upper
128	100	
129	10.7	8.6 13.0
127	13.0	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.874 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023132.D

Acq: 01 Nov 2021 21:43

Tgt Ion:180	Resp:	49655
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.7 115.1
145	31.2	25.7 38.5

