

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031878.D
 Acq On : 23 Aug 2023 18:42
 Operator : SY/MD
 Sample : VSTD0.572
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 04:24:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	127194	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	63875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	1885	0.439	ug/L	0.00
7) Chloroethane-d5	1.532	69	2130	0.433	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	1231	0.487	ug/L	0.00
20) 2-Butanone-d5	3.912	46	978	0.466	ug/L	0.09
24) Chloroform-d	4.262	84	6219	0.428	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.969	65	3389	0.452	ug/L	0.02
32) Benzene-d6	4.976	84	11644	0.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5049	0.516	ug/L	0.00
41) Toluene-d8	7.252	98	11628	0.451	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1729	0.484	ug/L	0.01
46) 2-Hexanone-d5	8.053	63	5780	3.036	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.159	84	3111	0.443	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	5078	0.491	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	3749	0.516	ug/L	99
3) Chloromethane	1.217	50	4320	0.555	ug/L	98
5) Vinyl chloride	1.285	62	4067	0.510	ug/L	87
6) Bromomethane	1.490	94	2846	0.571	ug/L	91
8) Chloroethane	1.552	64	2699	0.530	ug/L	98
9) Trichlorofluoromethane	1.715	101	5157	0.501	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	3069	0.500	ug/L	94
12) 1,1-Dichloroethene	2.072	96	2966	0.518	ug/L #	76
13) Acetone	2.153	43	2798	2.123	ug/L	83
14) Carbon disulfide	2.243	76	8446	0.524	ug/L	99
15) Methyl Acetate	2.407	43	1084	0.434	ug/L #	69
16) Methylene chloride	2.452	84	6850	0.736	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	9097	0.512	ug/L #	95
18) trans-1,2-Dichloroethene	2.699	96	3595	0.554	ug/L	98
19) 1,1-Dichloroethane	3.117	63	6819	0.510	ug/L	98
21) 2-Butanone	4.037	43	167	0.098	ug/L	80
22) cis-1,2-Dichloroethene	3.831	96	3674	0.491	ug/L	97
23) Bromochloromethane	4.162	128	1389	0.468	ug/L	93
25) Chloroform	4.285	83	7137	0.524	ug/L	99
27) 1,2-Dichloroethane	5.059	62	4209	0.517	ug/L #	83
29) 1,1,1-Trichloroethane	4.522	97	5879	0.499	ug/L	99
30) Cyclohexane	4.587	56	6726	0.555	ug/L	92
31) Carbon tetrachloride	4.738	117	4646	0.487	ug/L	96
33) Benzene	5.021	78	13213	0.470	ug/L	100
34) Trichloroethene	5.844	95	4437	0.540	ug/L	95
35) Methylcyclohexane	6.056	83	6076	0.508	ug/L	94
37) 1,2-Dichloropropane	6.104	63	4160	0.537	ug/L #	92
38) Bromodichloromethane	6.445	83	5031	0.502	ug/L #	97
39) cis-1,3-Dichloropropene	6.973	75	5520	0.468	ug/L	92
40) 4-Methyl-2-pentanone	7.175	43	21199	4.366	ug/L	93
42) Toluene	7.326	91	16548	0.530	ug/L	97
44) trans-1,3-Dichloropropene	7.599	75	4533	0.461	ug/L	84

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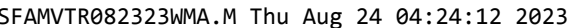
Quant Time: Aug 24 04:24:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
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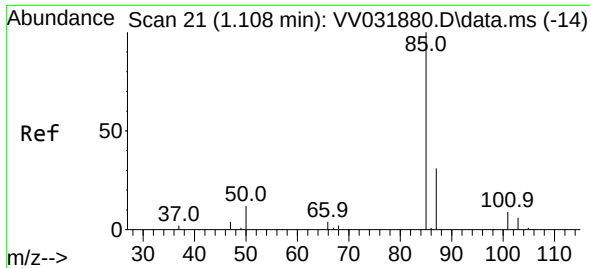
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.783	97	3110	0.561	ug/L	89
47) Tetrachloroethene	7.911	164	2649	0.505	ug/L	98
48) 2-Hexanone	8.098	43	16164	4.478	ug/L #	97
49) Dibromochloromethane	8.185	129	2729	0.472	ug/L	83
50) 1,2-Dibromoethane	8.297	107	2578	0.514	ug/L #	90
51) Chlorobenzene	8.821	112	10137	0.513	ug/L	93
52) Ethylbenzene	8.953	91	18261	0.509	ug/L	96
53) m,p-Xylene	9.082	106	6903	0.510	ug/L	98
54) o-Xylene	9.487	106	6596	0.505	ug/L	98
55) Styrene	9.506	104	11042	0.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	2923	0.521	ug/L	97
59) Bromoform	9.677	173	1380	0.457	ug/L #	91
60) Isopropylbenzene	9.873	105	18232	0.513	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	2412	0.513	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.480	105	15352	0.504	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	14613	0.489	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	8022	0.510	ug/L	94
65) 1,4-Dichlorobenzene	11.213	146	8597	0.532	ug/L	92
67) 1,2-Dichlorobenzene	11.586	146	7471	0.519	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	499	0.468	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	5980	0.512	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	5860	0.550	ug/L	94
71) Naphthalene	13.448	128	11936	0.595	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	4931	0.550	ug/L	98

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

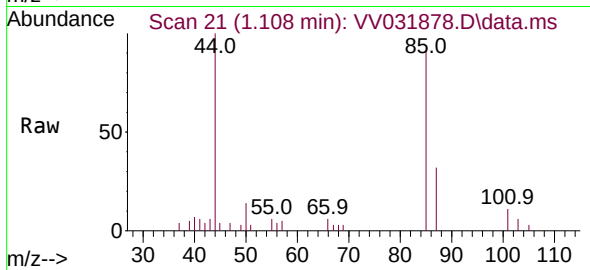
Quant Time: Aug 24 04:24:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
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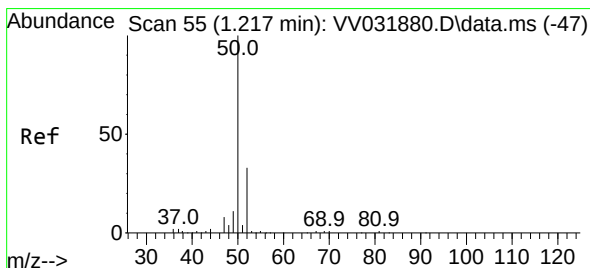
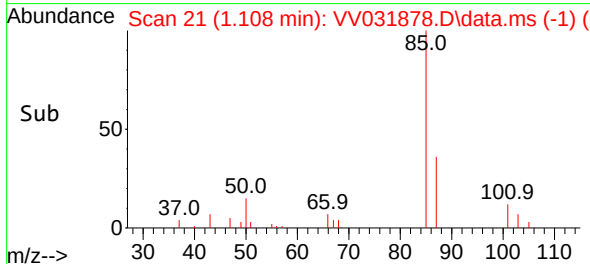
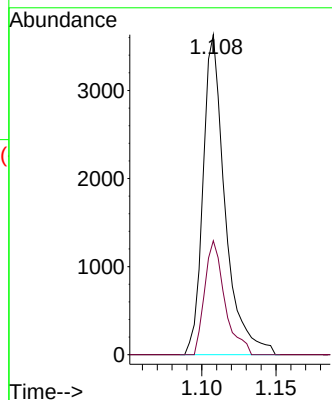


#2
 Dichlorodifluoromethane
 Concen: 0.516 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031878.D
 Acq: 23 Aug 2023 18:42

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 MSVOA_V
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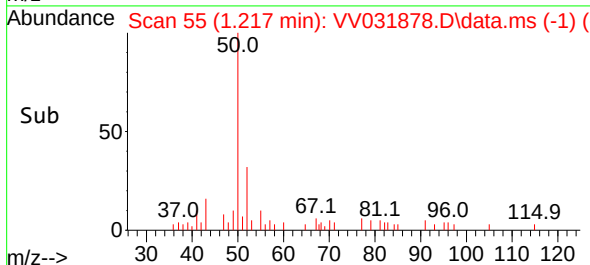
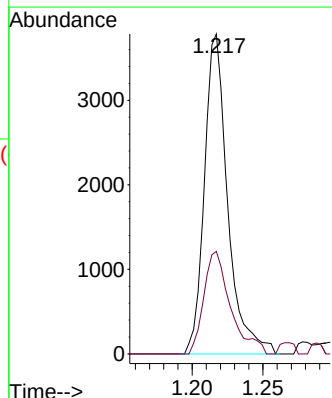
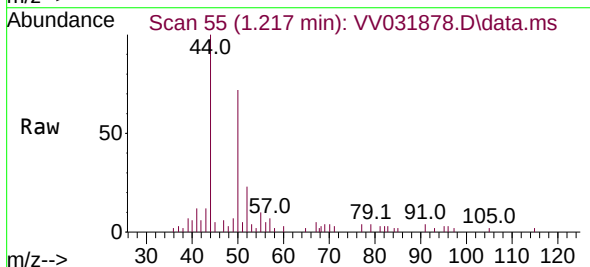


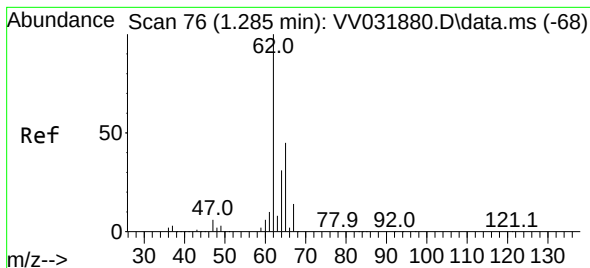
Tgt Ion: 85 Resp: 3749
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 0.555 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031878.D
 Acq: 23 Aug 2023 18:42

Tgt Ion: 50 Resp: 4320
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.3 43.3





#5

Vinyl chloride

Concen: 0.510 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

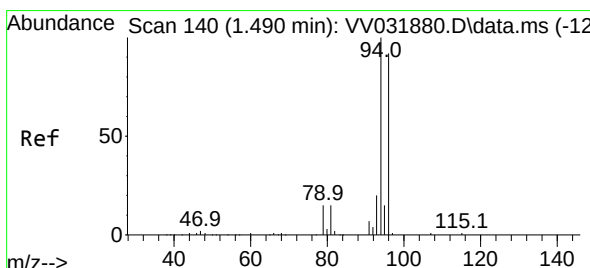
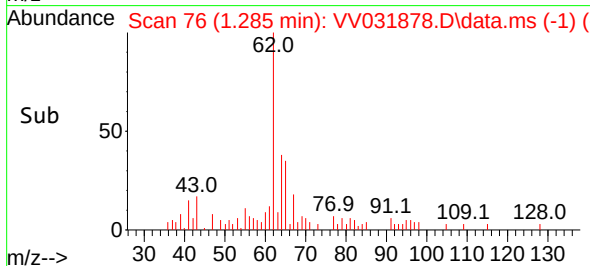
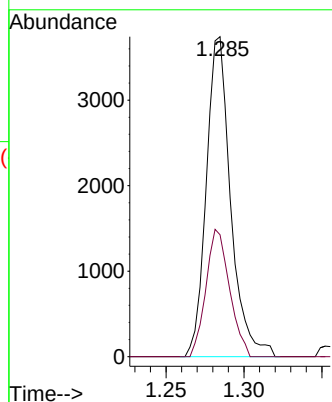
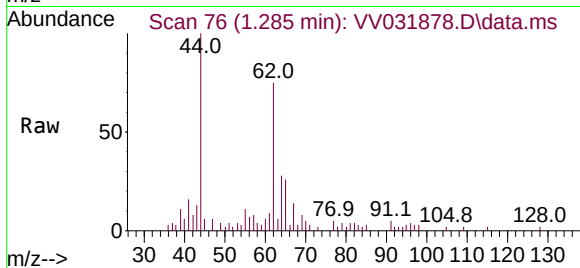
ClientSampleId :

Tgt Ion: 62 Resp: 4067

Ion Ratio Lower Upper

62 100

64 38.1 21.7 40.3



#6

Bromomethane

Concen: 0.571 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV031878.D

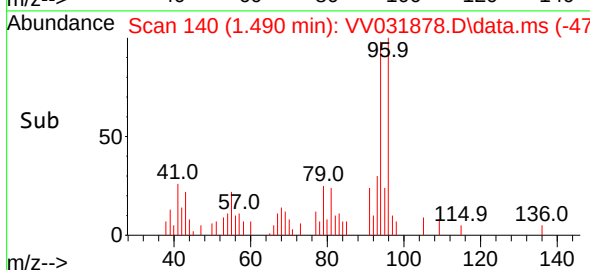
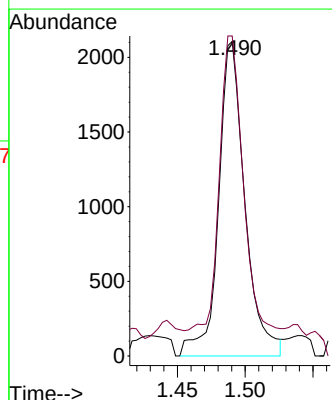
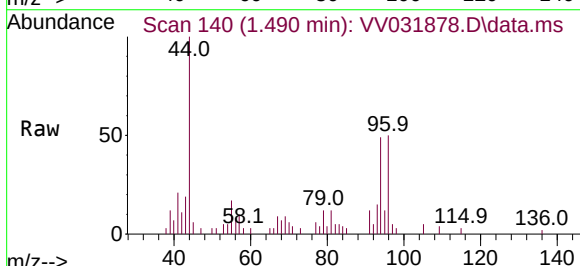
Acq: 23 Aug 2023 18:42

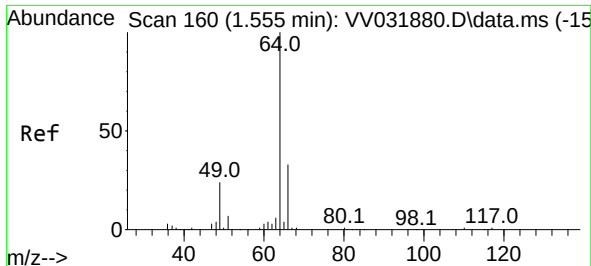
Tgt Ion: 94 Resp: 2846

Ion Ratio Lower Upper

94 100

96 101.7 65.0 120.8





#8

Chloroethane

Concen: 0.530 ug/L

RT: 1.552 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

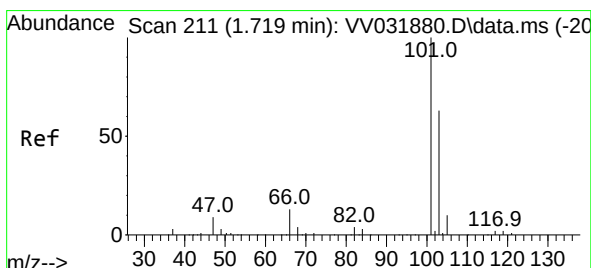
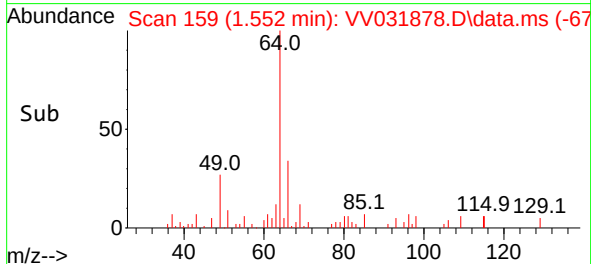
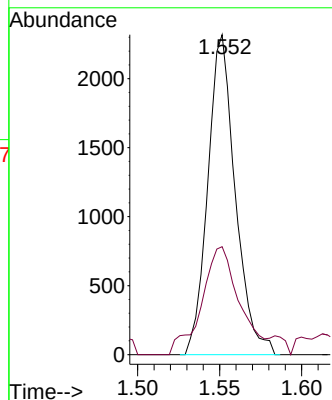
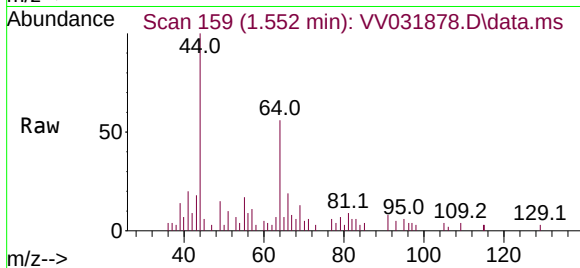
ClientSampleId :

Tgt Ion: 64 Resp: 2699

Ion Ratio Lower Upper

64 100

66 33.7 22.8 42.4



#9

Trichlorofluoromethane

Concen: 0.501 ug/L

RT: 1.715 min Scan# 210

Delta R.T. -0.003 min

Lab File: VV031878.D

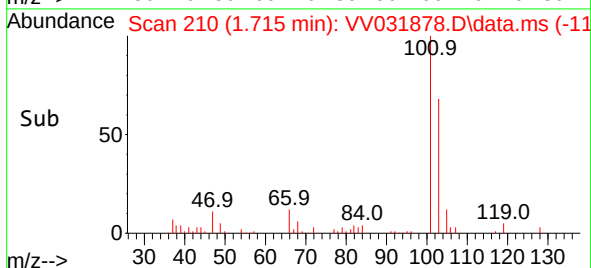
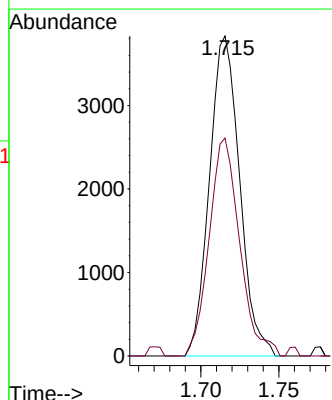
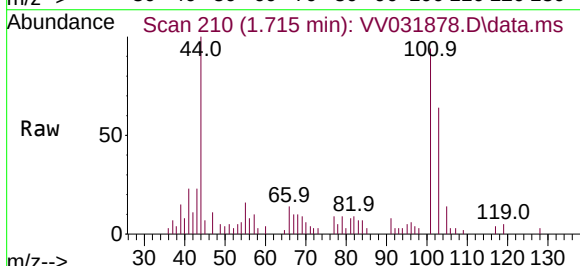
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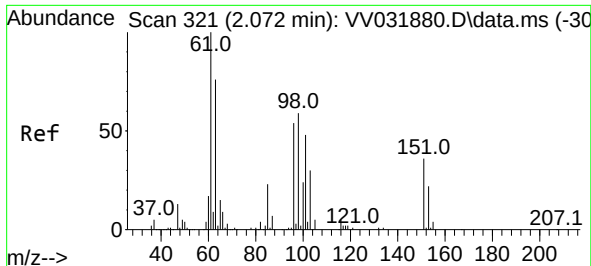
Tgt Ion:101 Resp: 5157

Ion Ratio Lower Upper

101 100

103 68.9 50.5 75.7

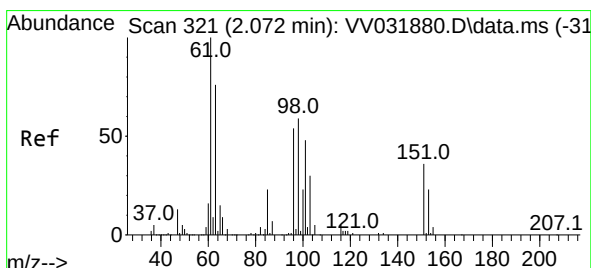
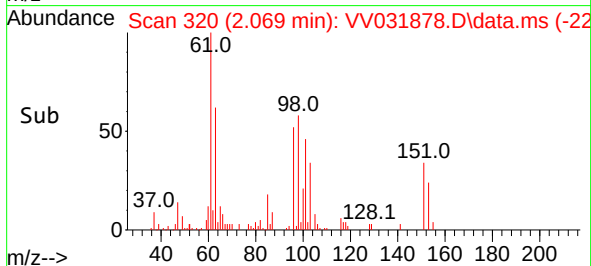
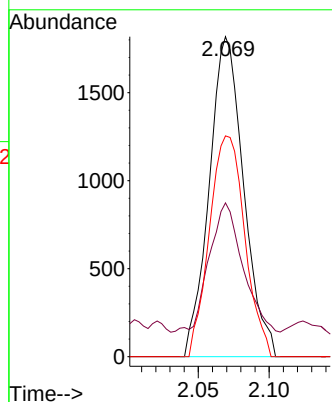
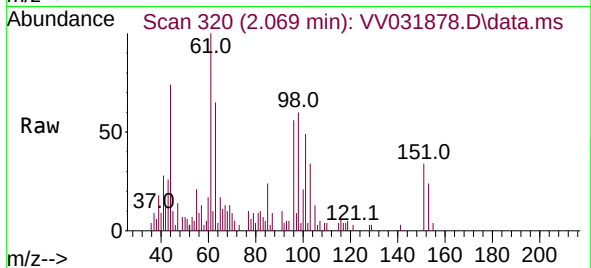




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.500 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031878.D
 Acq: 23 Aug 2023 18:42

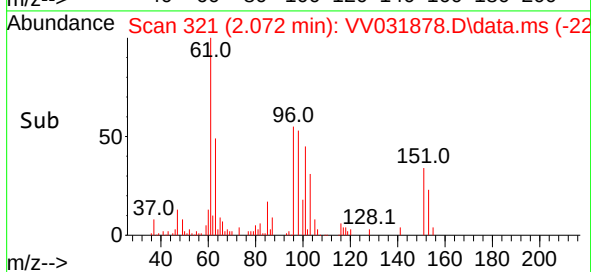
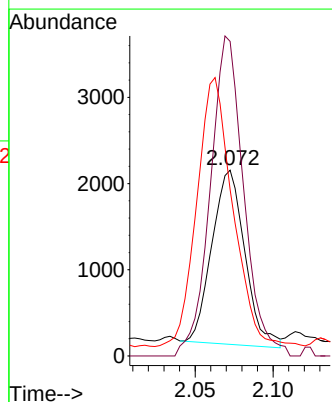
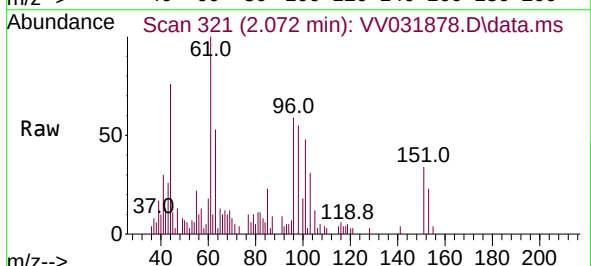
Instrument :
 MSVOA_V
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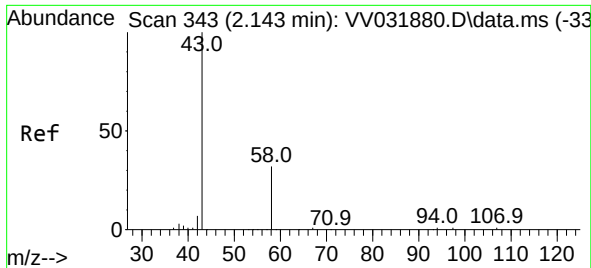
Tgt Ion:101 Resp: 3069
 Ion Ratio Lower Upper
 101 100
 85 55.9 38.3 57.5
 151 70.9 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 0.518 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV031878.D
 Acq: 23 Aug 2023 18:42

Tgt Ion: 96 Resp: 2966
 Ion Ratio Lower Upper
 96 100
 61 169.3 129.0 239.6
 63 89.6 99.0 183.8#





#13

Acetone

Concen: 2.123 ug/L

RT: 2.153 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

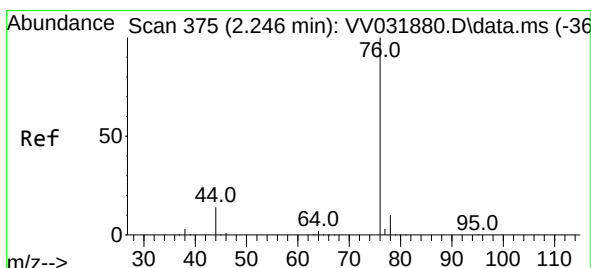
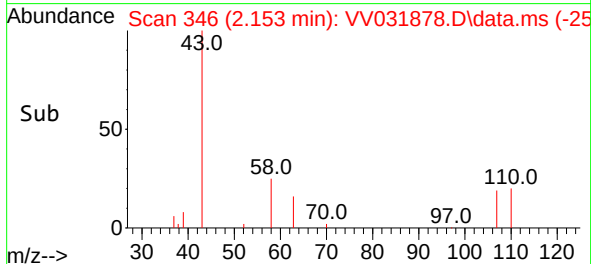
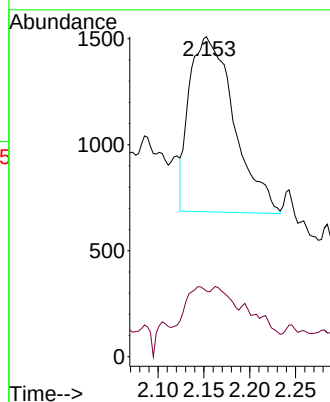
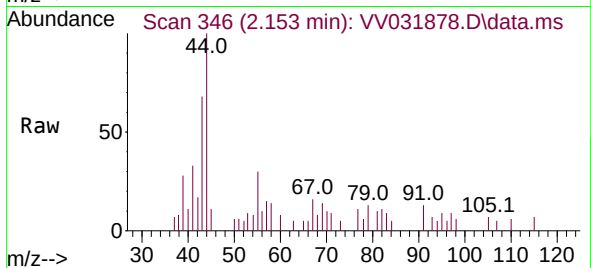
ClientSampleId :

Tgt Ion: 43 Resp: 2798

Ion Ratio Lower Upper

43 100

58 10.9 0.0 37.0



#14

Carbon disulfide

Concen: 0.524 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031878.D

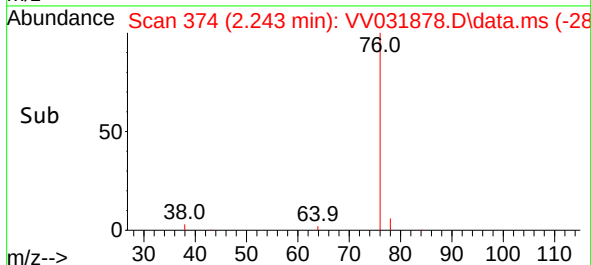
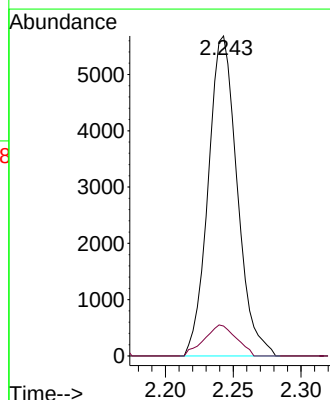
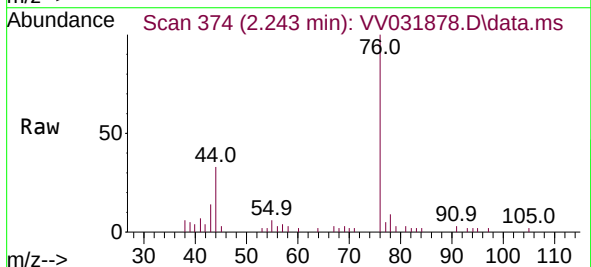
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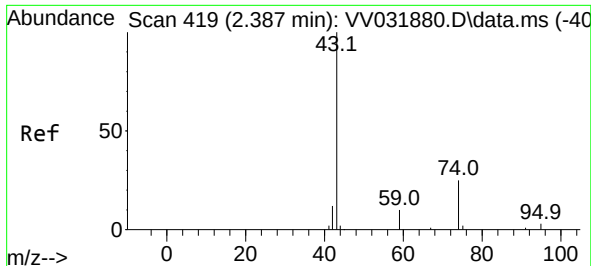
Tgt Ion: 76 Resp: 8446

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

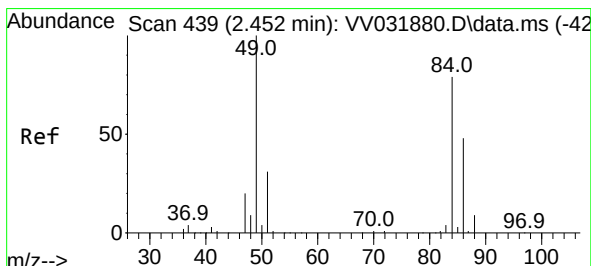
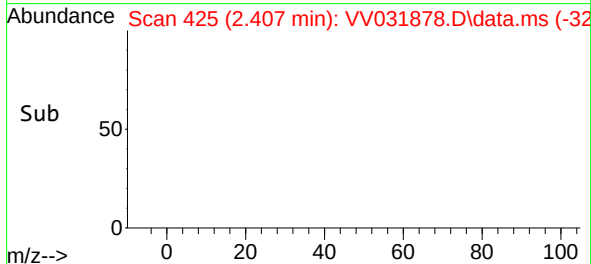
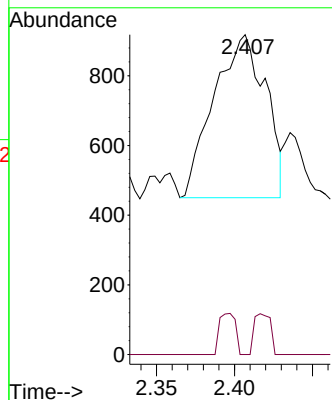
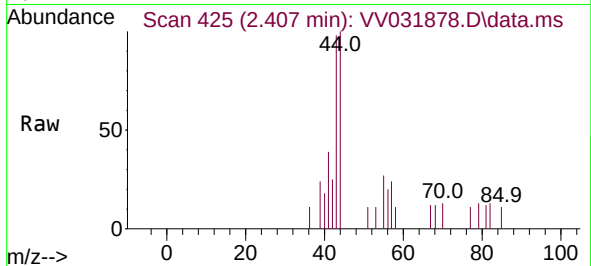




#15
Methyl Acetate
Concen: 0.434 ug/L
RT: 2.407 min Scan# 419
Delta R.T. 0.019 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

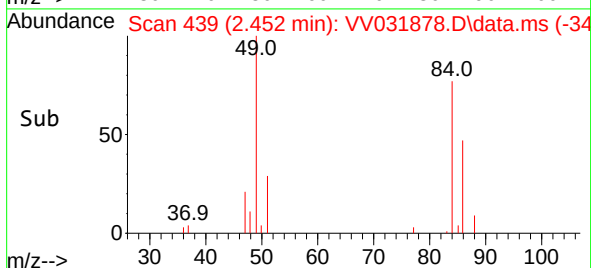
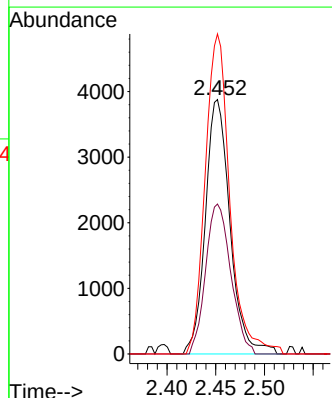
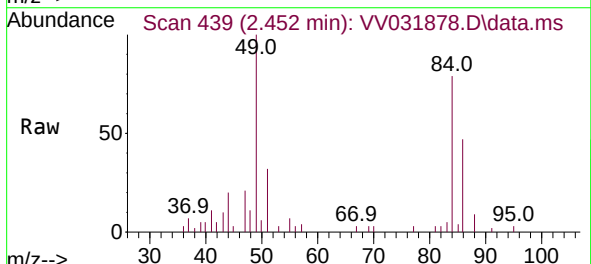
Instrument :
MSVOA_V
ClientSampleId :

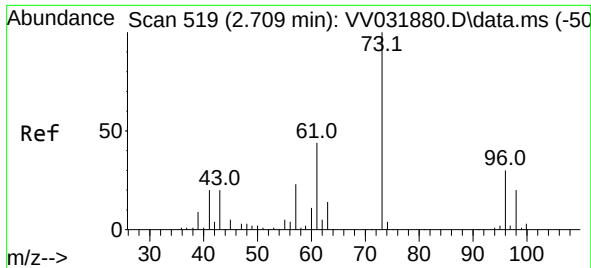
Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
74 7.8 18.3 27.5#



#16
Methylene chloride
Concen: 0.736 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

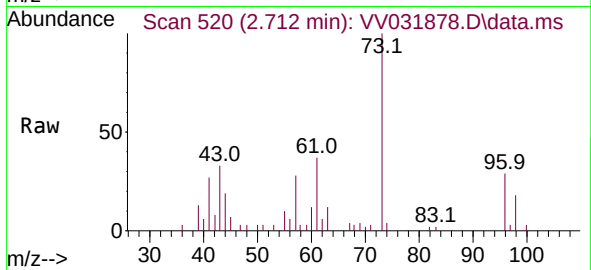
Tgt Ion: 84 Resp: 6850
Ion Ratio Lower Upper
84 100
86 58.9 42.6 79.2
49 125.8 88.5 164.4



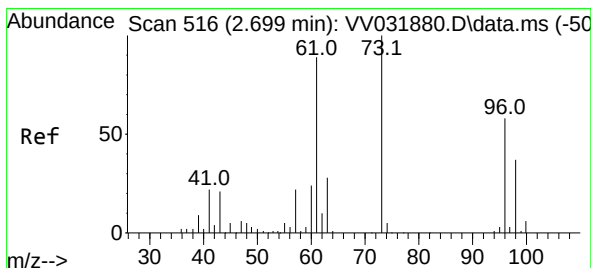
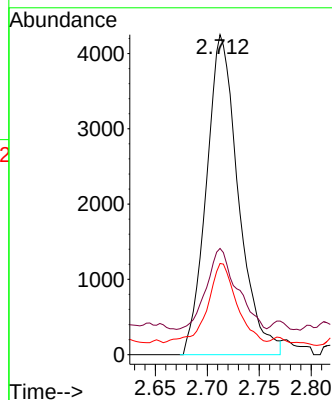
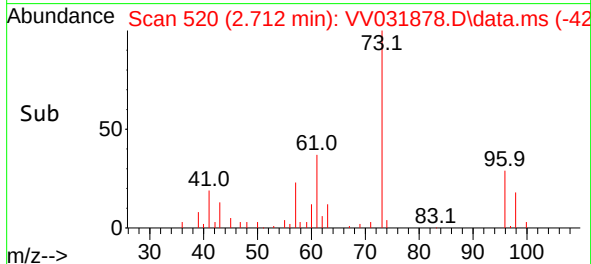


#17
Methyl tert-butyl Ether
Concen: 0.512 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Instrument :
MSVOA_V
ClientSampleId :

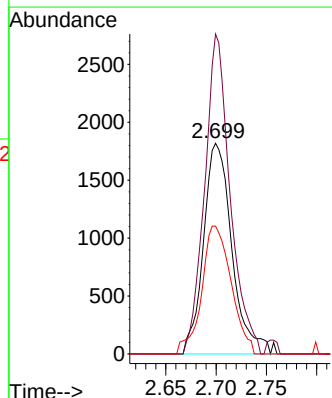
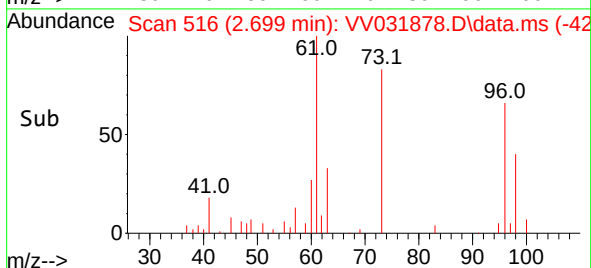
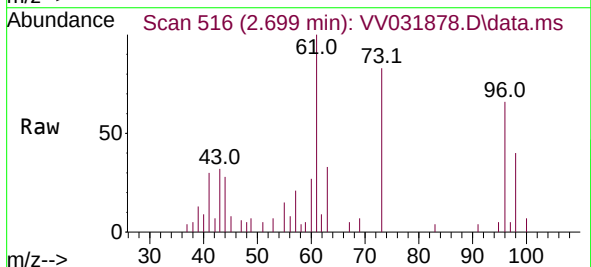


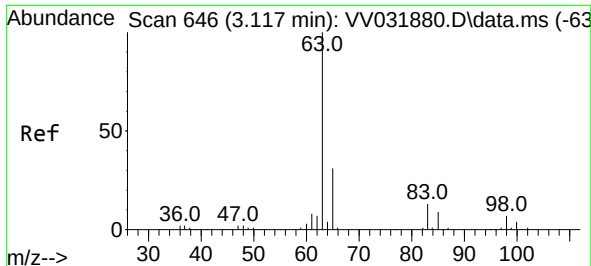
Tgt Ion: 73 Resp: 9097
Ion Ratio Lower Upper
73 100
43 23.9 15.6 23.4#
57 23.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.554 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 96 Resp: 3595
Ion Ratio Lower Upper
96 100
61 151.8 106.8 198.4
98 60.7 44.9 83.3





#19

1,1-Dichloroethane

Concen: 0.510 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

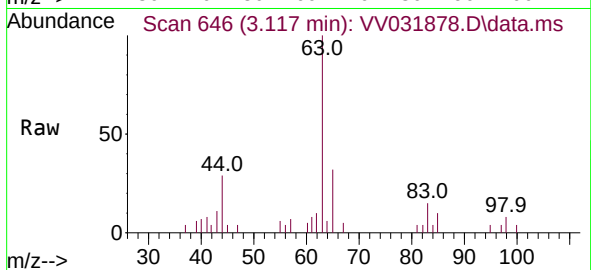
Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :



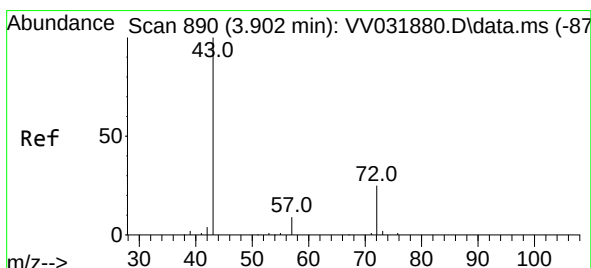
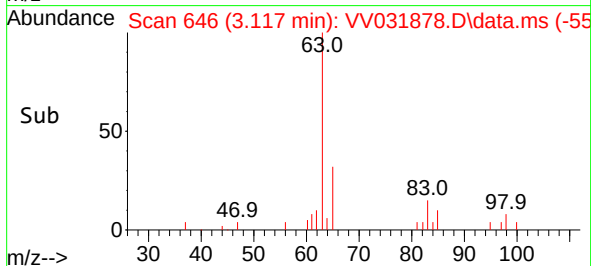
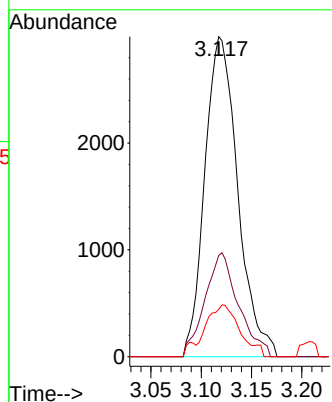
Tgt Ion: 63 Resp: 6819

Ion Ratio Lower Upper

63 100

65 31.6 21.9 40.7

83 14.8 9.2 17.2



#21

2-Butanone

Concen: 0.098 ug/L

RT: 4.037 min Scan# 932

Delta R.T. 0.135 min

Lab File: VV031878.D

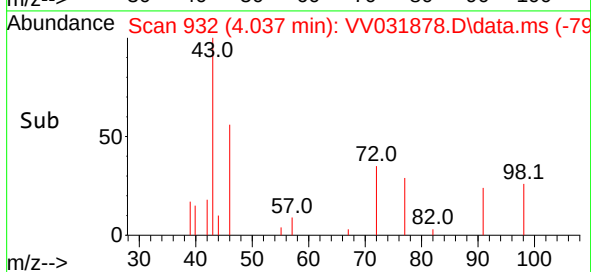
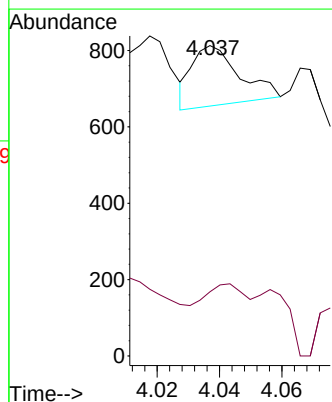
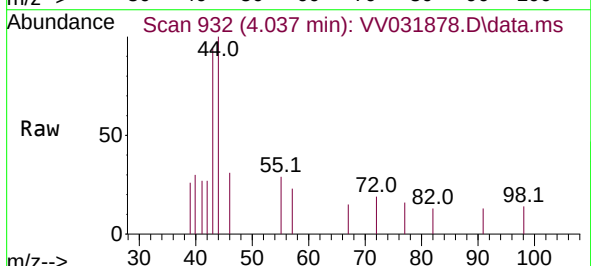
Acq: 23 Aug 2023 18:42

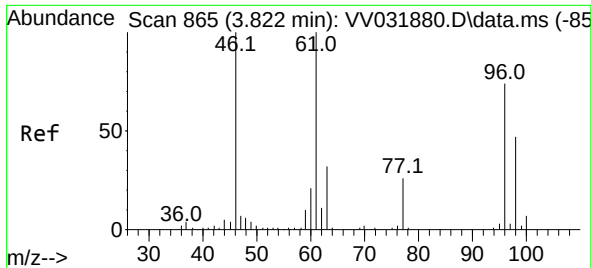
Tgt Ion: 43 Resp: 167

Ion Ratio Lower Upper

43 100

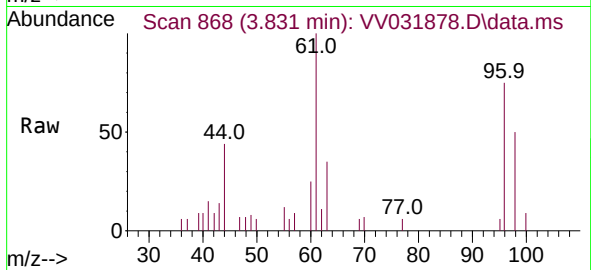
72 26.9 9.0 27.0





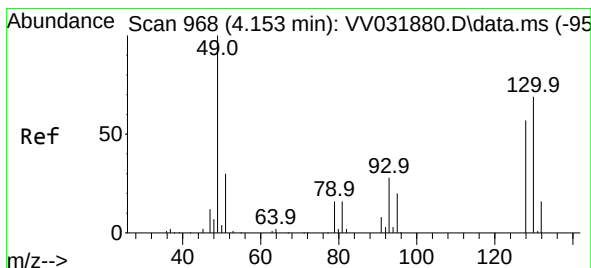
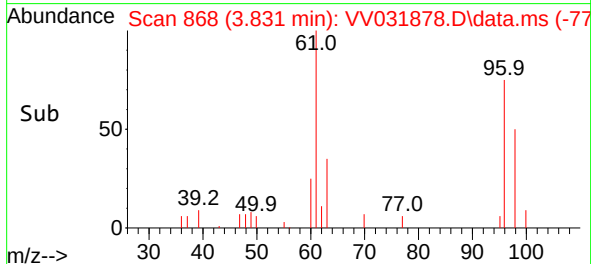
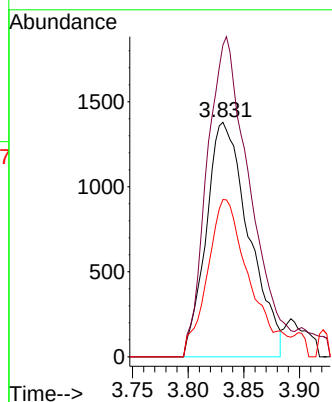
#22
 cis-1,2-Dichloroethene
 Concen: 0.491 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VV031878.D
 Acq: 23 Aug 2023 18:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 3674

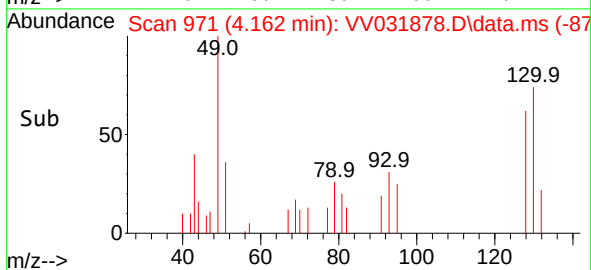
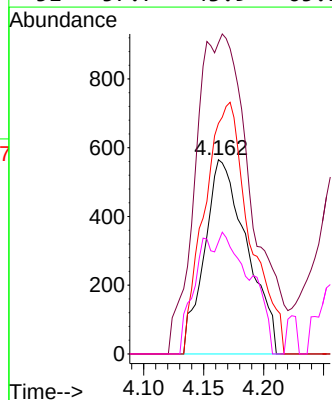
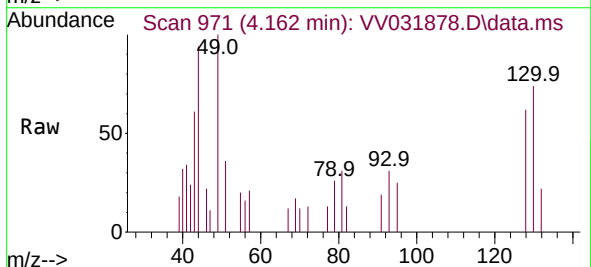
Ion	Ratio	Lower	Upper
96	100		
61	133.0	94.1	174.8
98	67.1	43.8	81.4

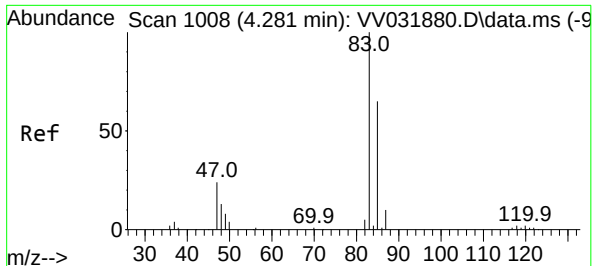


#23
 Bromochloromethane
 Concen: 0.468 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.010 min
 Lab File: VV031878.D
 Acq: 23 Aug 2023 18:42

Tgt Ion: 128 Resp: 1389

Ion	Ratio	Lower	Upper
128	100		
49	160.2	123.7	229.7
130	118.8	84.3	156.5
51	57.7	43.9	65.9





#25

Chloroform

Concen: 0.524 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

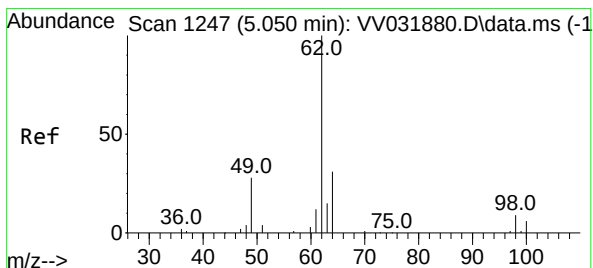
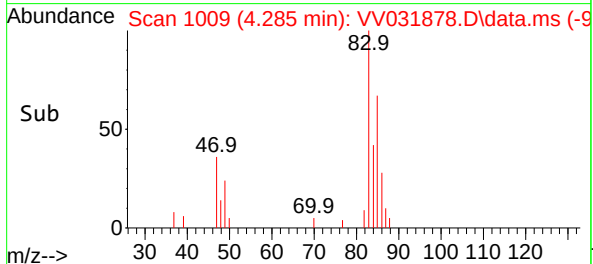
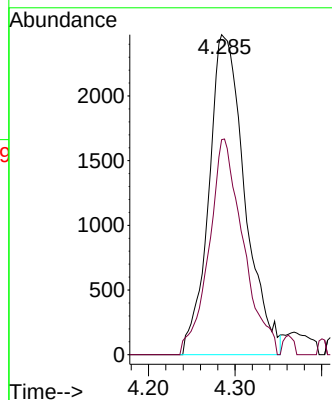
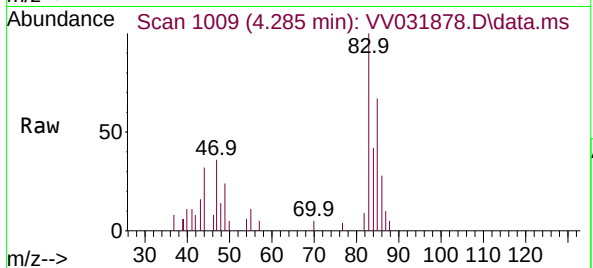
ClientSampleId :

Tgt Ion: 83 Resp: 7137

Ion Ratio Lower Upper

83 100

85 67.2 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.517 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.010 min

Lab File: VV031878.D

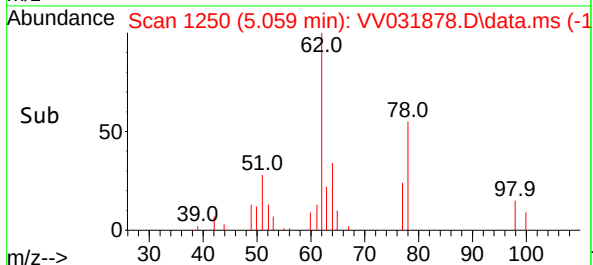
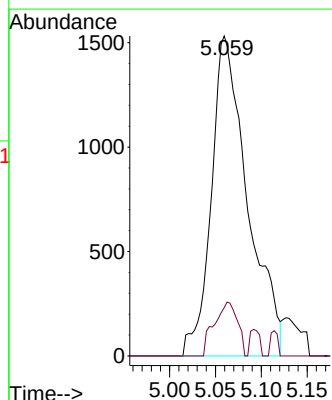
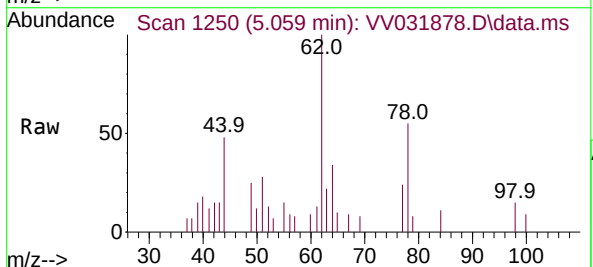
Acq: 23 Aug 2023 18:42

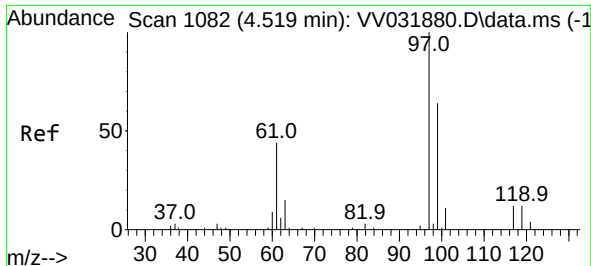
Tgt Ion: 62 Resp: 4209

Ion Ratio Lower Upper

62 100

98 15.1 7.2 10.8#





#29

1,1,1-Trichloroethane

Concen: 0.499 ug/L

RT: 4.522 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

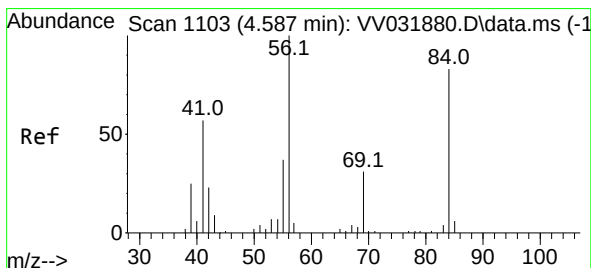
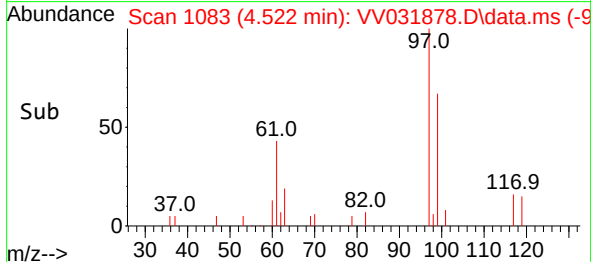
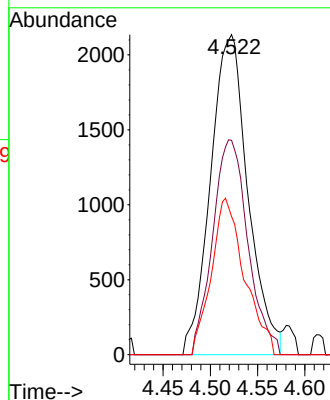
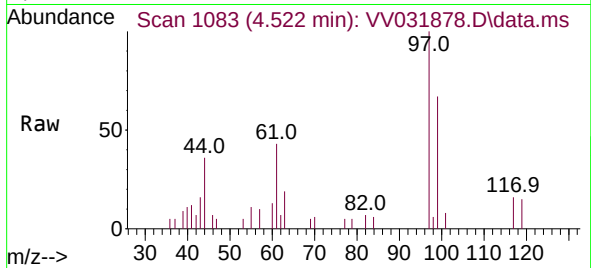
Tgt Ion: 97 Resp: 5879

Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

61 43.4 35.5 53.3



#30

Cyclohexane

Concen: 0.555 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

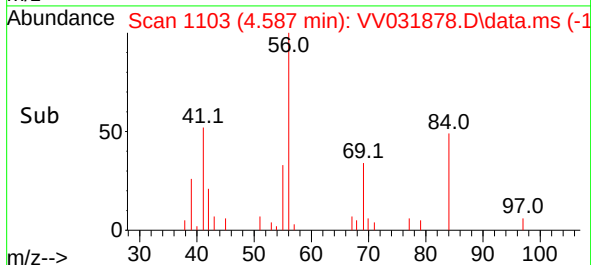
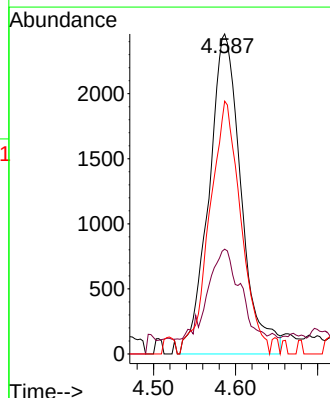
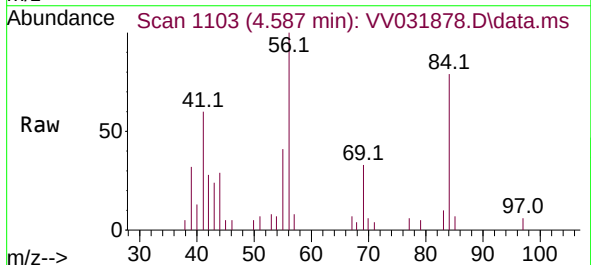
Tgt Ion: 56 Resp: 6726

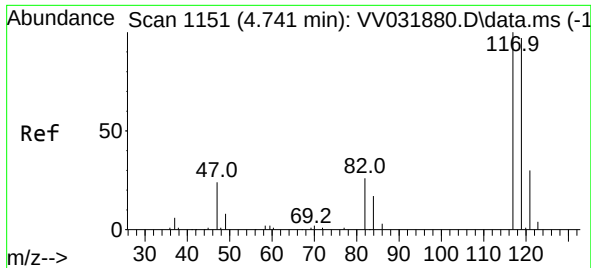
Ion Ratio Lower Upper

56 100

69 27.5 25.4 38.0

84 76.3 66.8 100.2

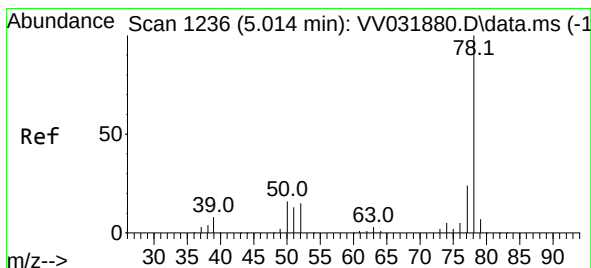
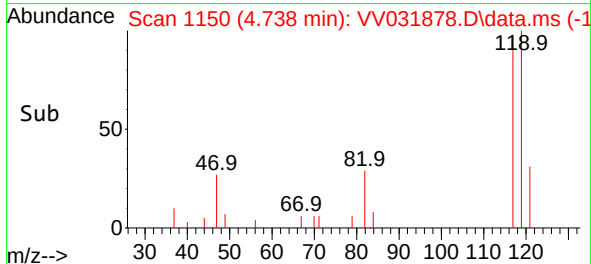
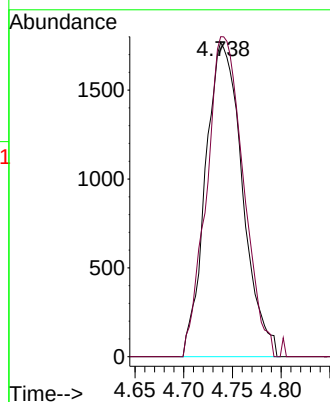
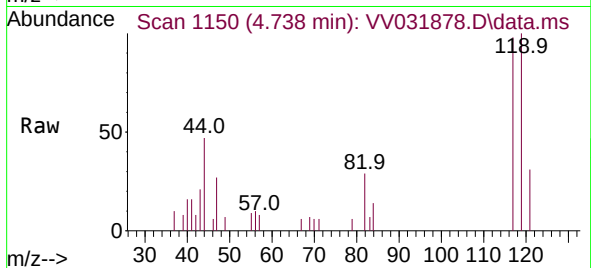




#31
Carbon tetrachloride
Concen: 0.487 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

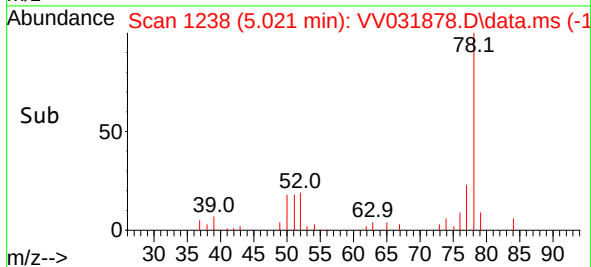
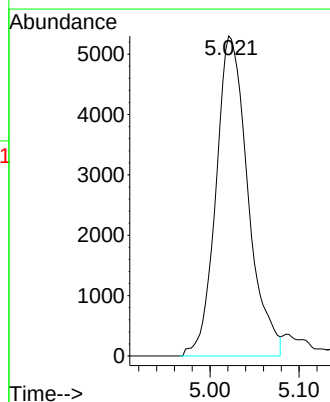
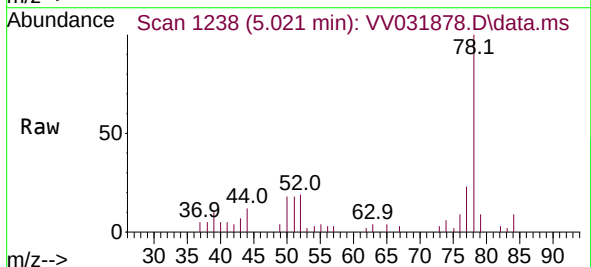
Instrument :
MSVOA_V
ClientSampleId :

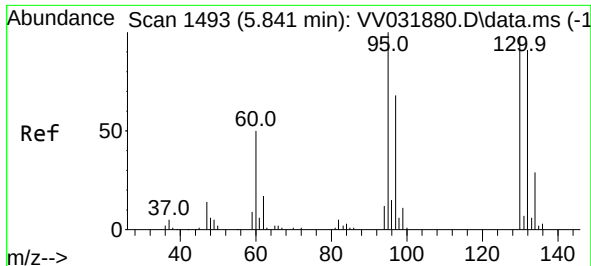
Tgt Ion:117 Resp: 4646
Ion Ratio Lower Upper
117 100
119 101.6 78.4 117.6



#33
Benzene
Concen: 0.470 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 78 Resp: 13213

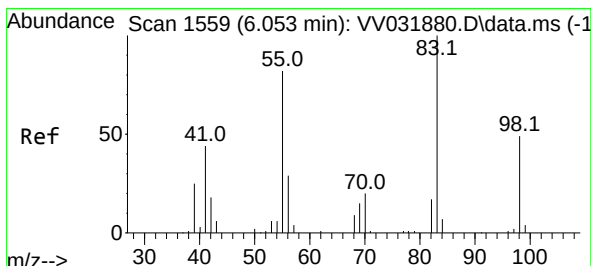
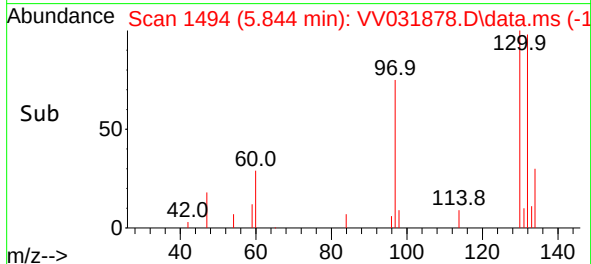
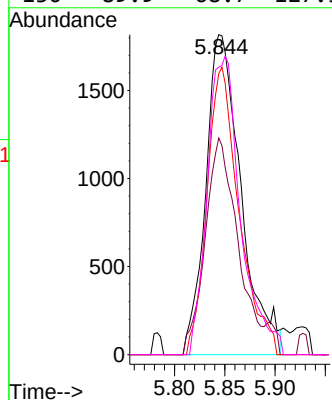
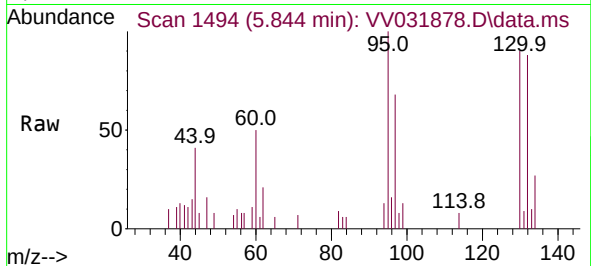




#34
Trichloroethene
Concen: 0.540 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

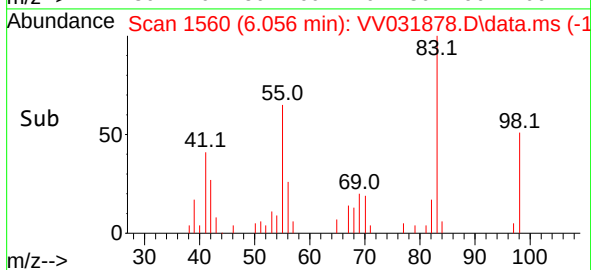
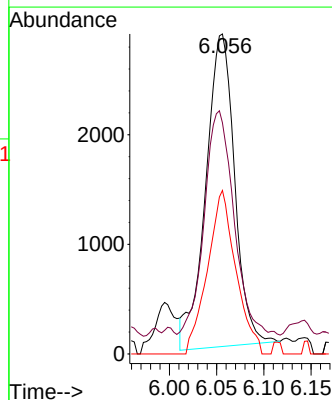
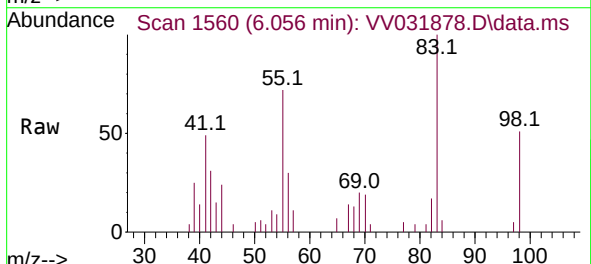
Instrument :
MSVOA_V
ClientSampleId :

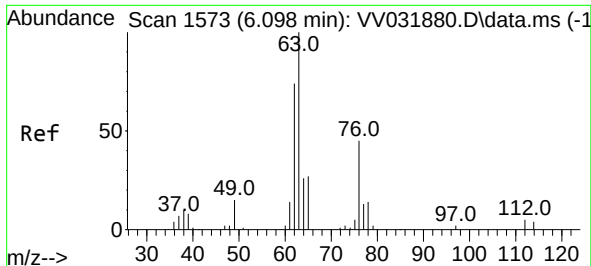
Tgt Ion: 95 Resp: 4437
Ion Ratio Lower Upper
95 100
97 67.7 47.7 88.7
132 87.8 63.8 118.4
130 89.9 68.7 127.5



#35
Methylcyclohexane
Concen: 0.508 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 83 Resp: 6076
Ion Ratio Lower Upper
83 100
55 72.9 62.6 94.0
98 51.2 37.8 56.8





#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

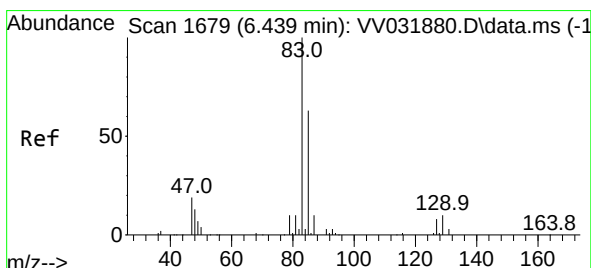
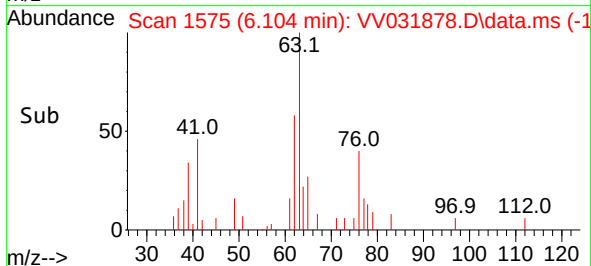
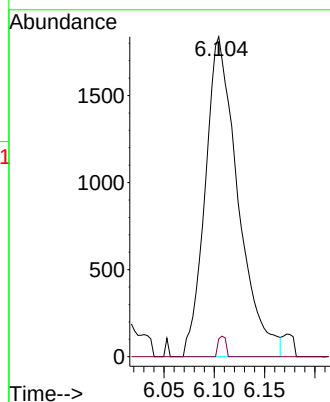
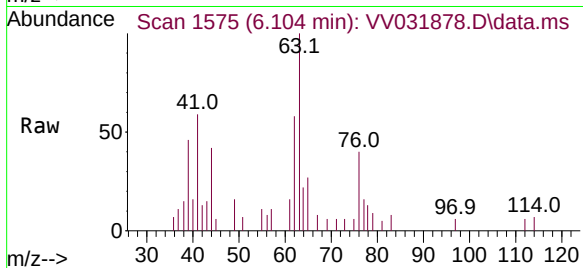
ClientSampleId :

Tgt Ion: 63 Resp: 4160

Ion Ratio Lower Upper

63 100

112 1.5 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.502 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

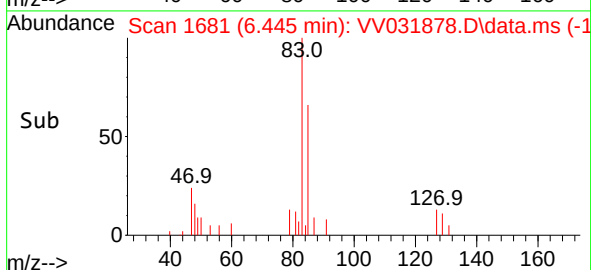
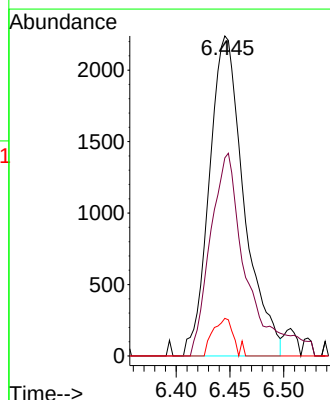
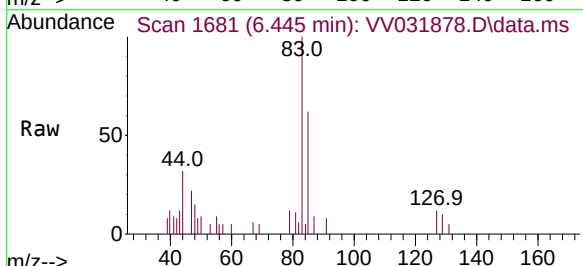
Tgt Ion: 83 Resp: 5031

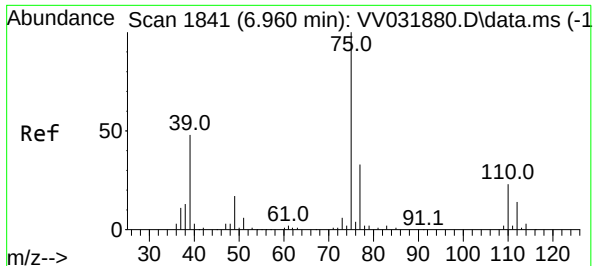
Ion Ratio Lower Upper

83 100

85 61.9 44.4 82.4

127 11.7 6.2 9.4#





#39

cis-1,3-Dichloropropene

Concen: 0.468 ug/L

RT: 6.973 min Scan# 1845

Delta R.T. 0.013 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

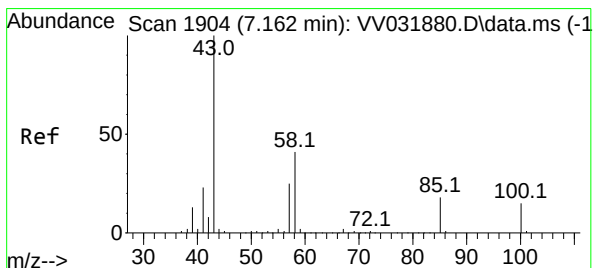
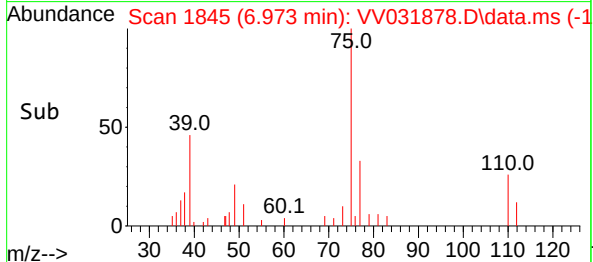
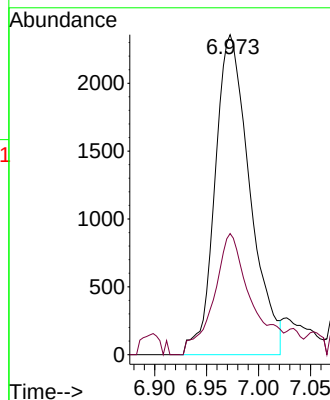
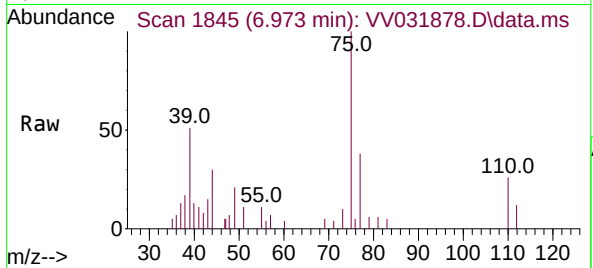
ClientSampleId :

Tgt Ion: 75 Resp: 5520

Ion Ratio Lower Upper

75 100

77 37.8 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 4.366 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.013 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

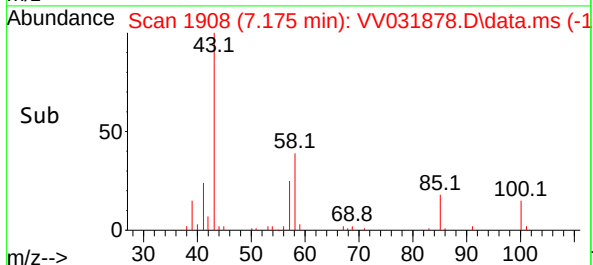
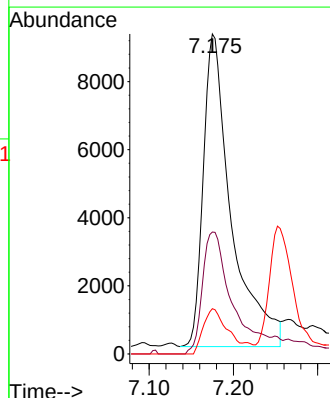
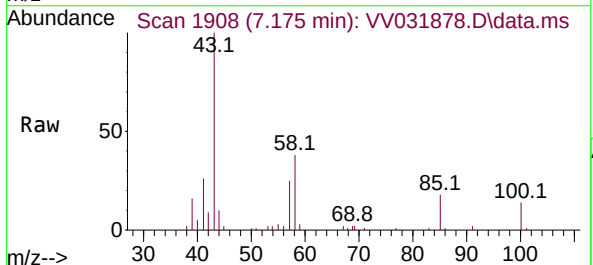
Tgt Ion: 43 Resp: 21199

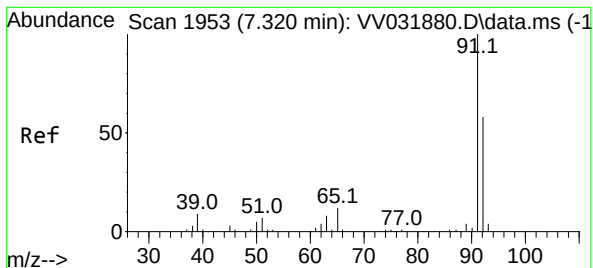
Ion Ratio Lower Upper

43 100

58 41.4 29.0 43.6

100 12.5 10.7 16.1





#42

Toluene

Concen: 0.530 ug/L

RT: 7.326 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

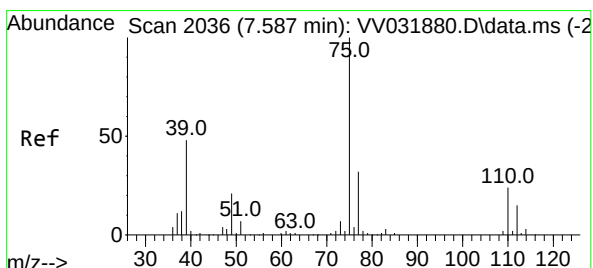
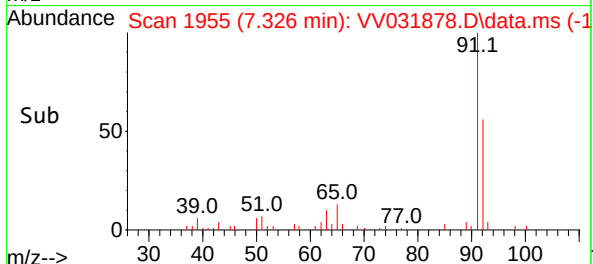
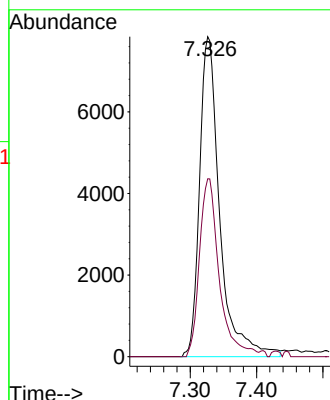
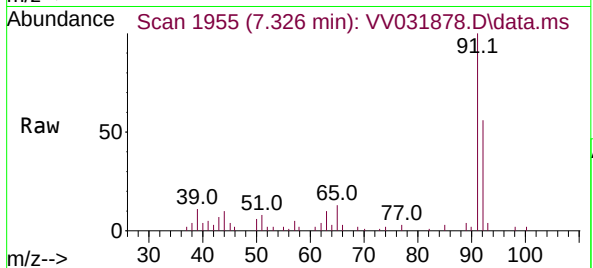
ClientSampleId :

Tgt Ion: 91 Resp: 16548

Ion Ratio Lower Upper

91 100

92 55.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.461 ug/L

RT: 7.599 min Scan# 2040

Delta R.T. 0.013 min

Lab File: VV031878.D

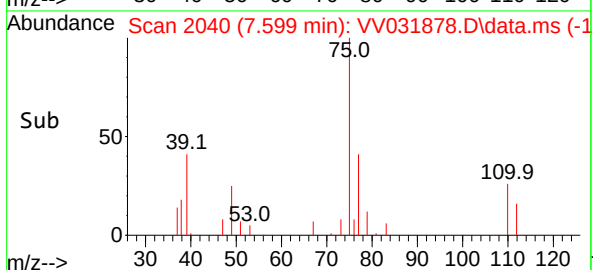
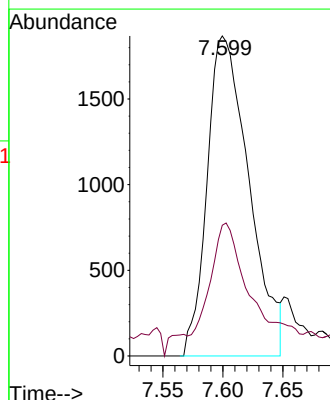
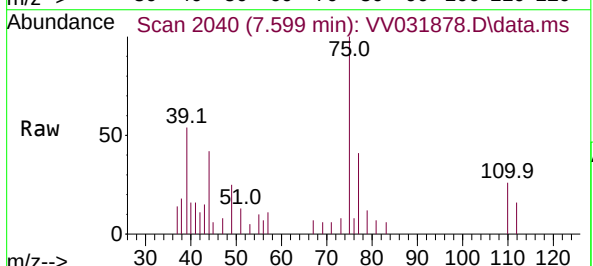
Acq: 23 Aug 2023 18:42

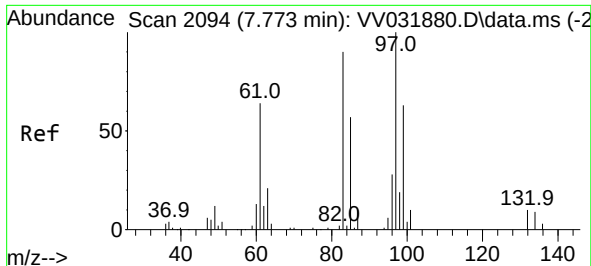
Tgt Ion: 75 Resp: 4533

Ion Ratio Lower Upper

75 100

77 40.8 22.4 41.6

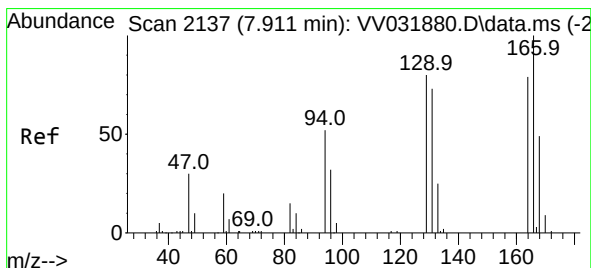
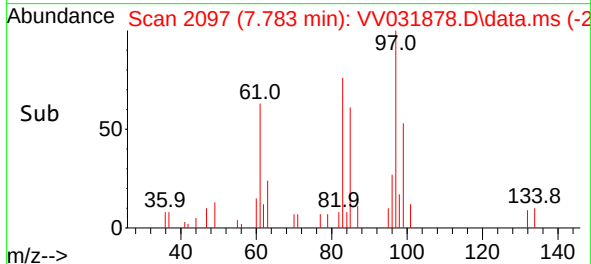
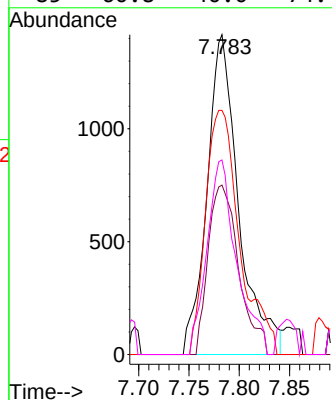
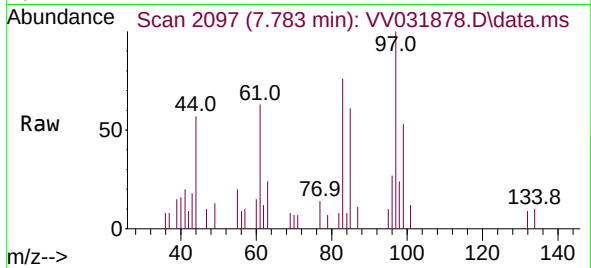




#45
1,1,2-Trichloroethane
Concen: 0.561 ug/L
RT: 7.783 min Scan# 2094
Delta R.T. 0.010 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

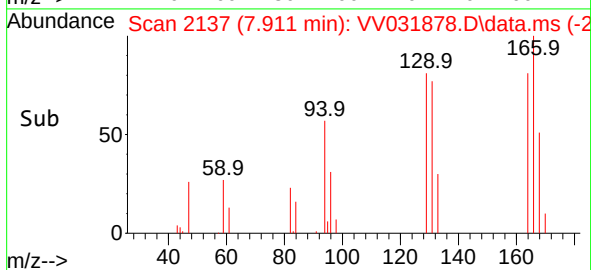
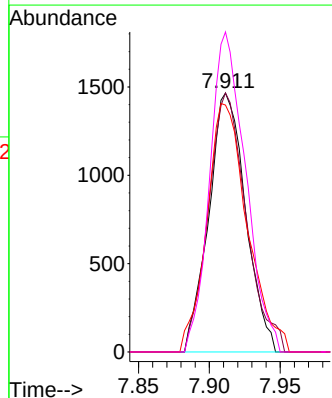
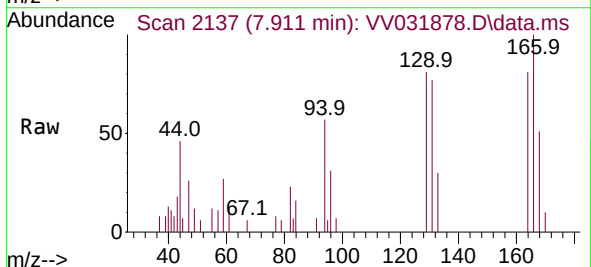
Instrument :
MSVOA_V
ClientSampleId :

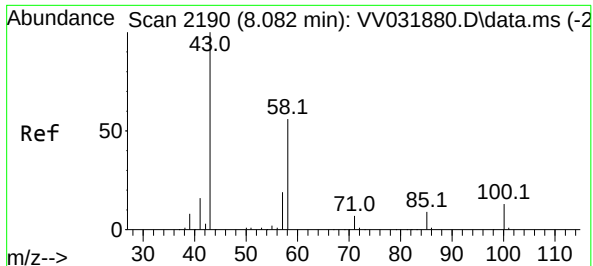
Tgt Ion:	97	Resp:	3110
Ion	Ratio	Lower	Upper
97	100		
99	53.0	44.3	82.3
83	76.4	62.7	116.5
85	60.8	40.0	74.4



#47
Tetrachloroethene
Concen: 0.505 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion:	164	Resp:	2649
Ion	Ratio	Lower	Upper
164	100		
129	100.1	70.6	131.2
131	95.4	64.6	120.0
166	123.6	88.3	164.1

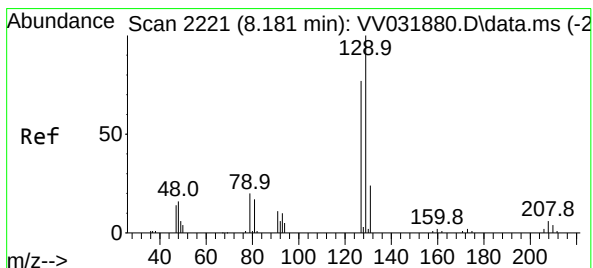
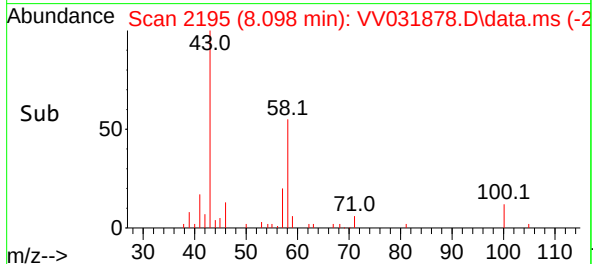
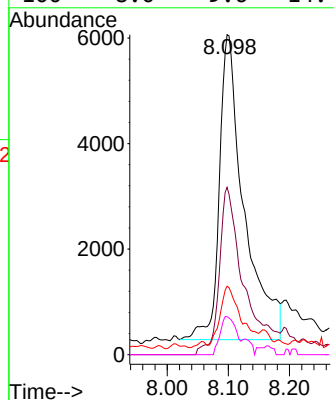
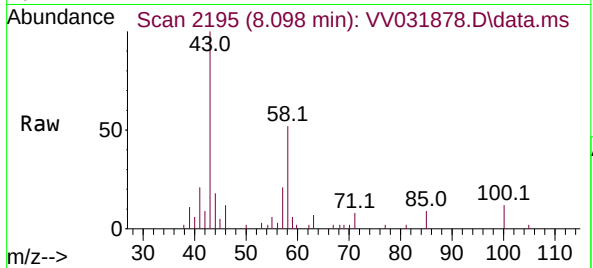




#48
2-Hexanone
Concen: 4.478 ug/L
RT: 8.098 min Scan# 2195
Delta R.T. 0.016 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

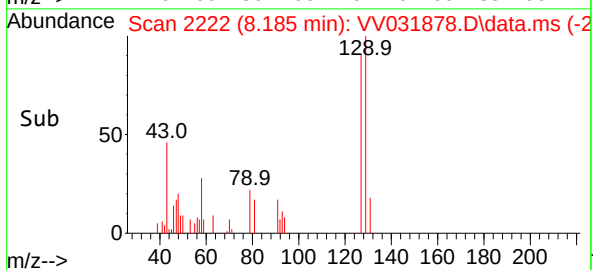
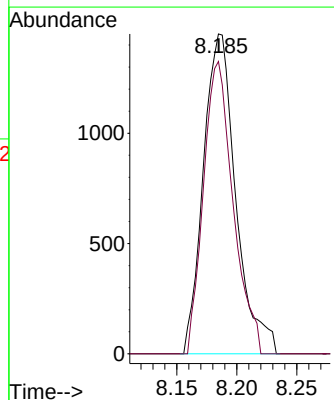
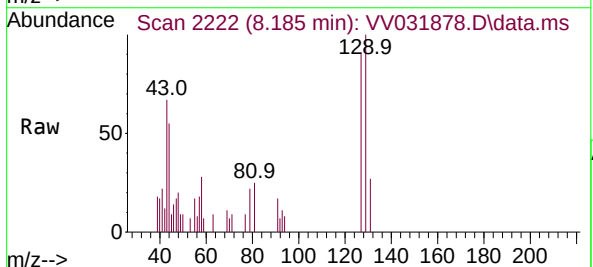
Instrument :
MSVOA_V
ClientSampleId :

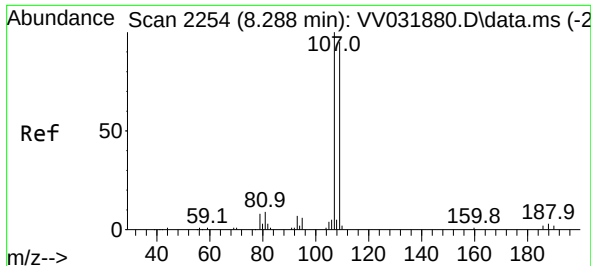
Tgt Ion: 43	Resp: 16164
Ion Ratio	Lower Upper
43 100	
58 55.1	44.3 66.5
57 16.1	14.3 21.5
100 8.0	9.6 14.4#



#49
Dibromochloromethane
Concen: 0.472 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion:129	Resp:	2729	
Ion	Ratio	Lower	Upper
129	100		
127	91.4	53.7	99.7





#50

1,2-Dibromoethane

Concen: 0.514 ug/L

RT: 8.297 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV031878.D

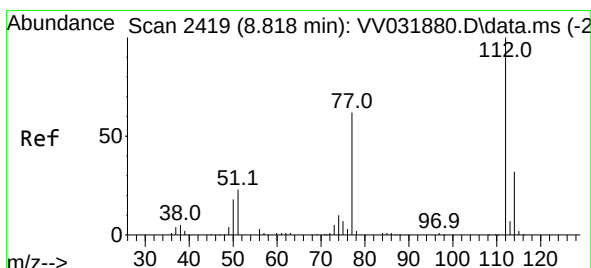
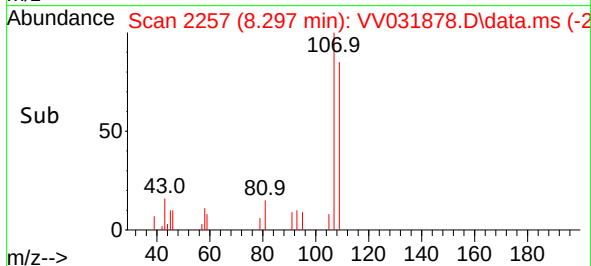
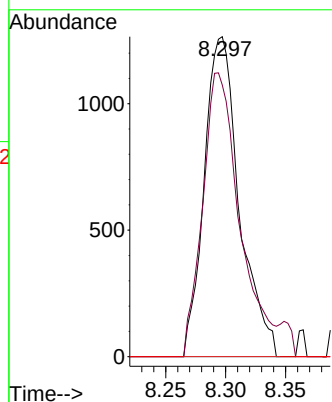
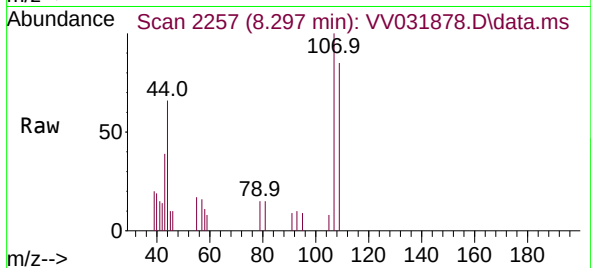
Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	2578
Ion Ratio	Lower	Upper
107	100	
109	84.9	66.3 123.1
188	0.0	2.6 3.8#



#51

Chlorobenzene

Concen: 0.513 ug/L

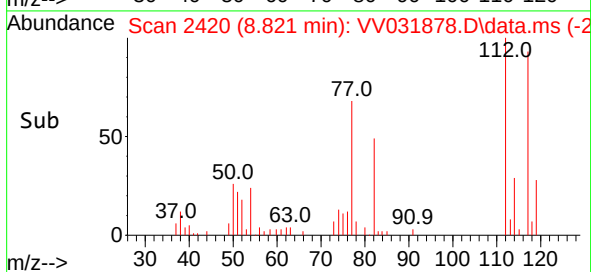
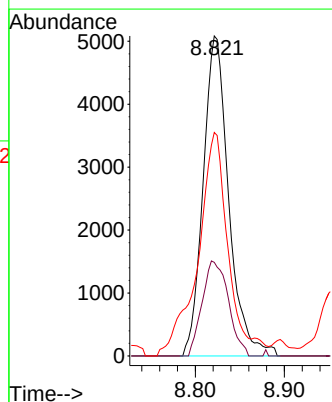
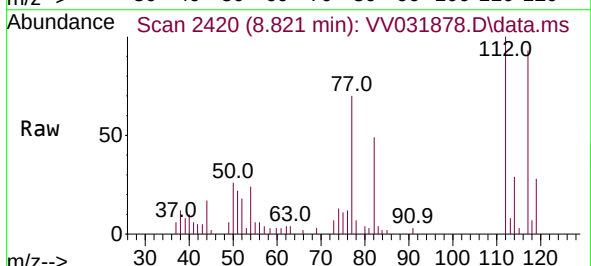
RT: 8.821 min Scan# 2420

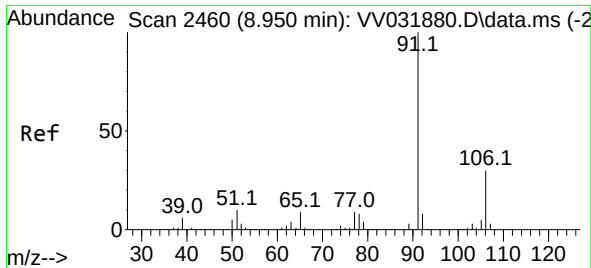
Delta R.T. 0.003 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Tgt Ion:112	Resp:	10137
Ion Ratio	Lower	Upper
112	100	
114	29.3	22.3 41.3
77	69.9	50.6 75.8

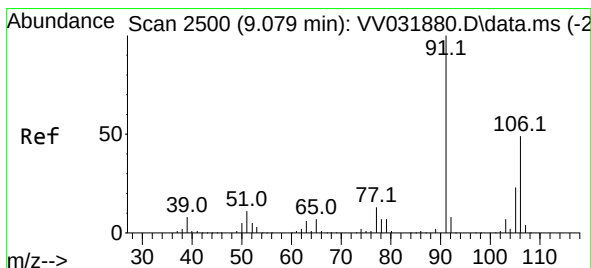
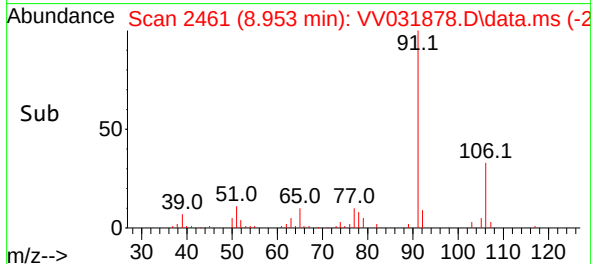
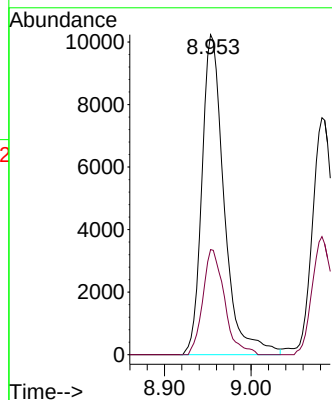
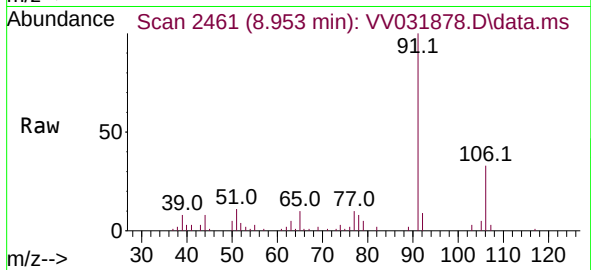




#52
Ethylbenzene
Concen: 0.509 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

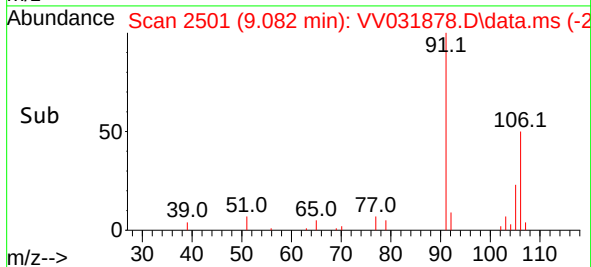
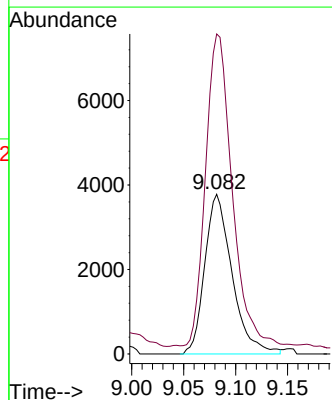
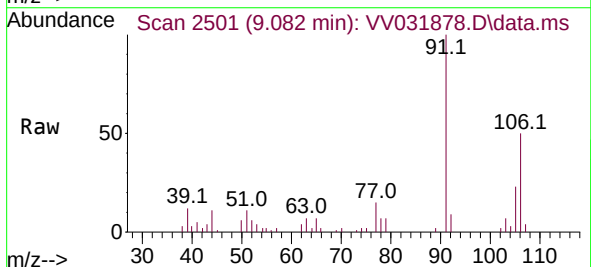
Instrument :
MSVOA_V
ClientSampleId :

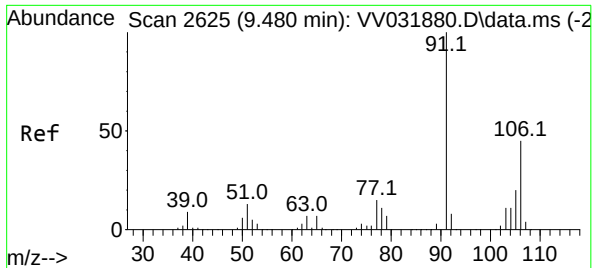
Tgt Ion: 91 Resp: 18261
Ion Ratio Lower Upper
91 100
106 32.9 21.3 39.5



#53
m,p-Xylene
Concen: 0.510 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 106 Resp: 6903
Ion Ratio Lower Upper
106 100
91 200.5 142.7 265.1

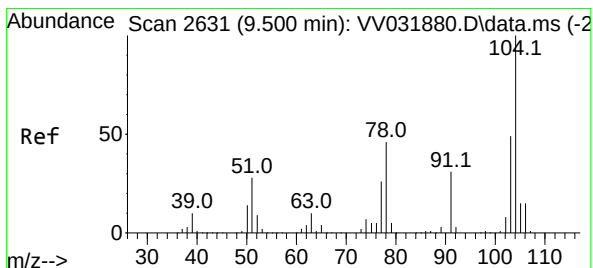
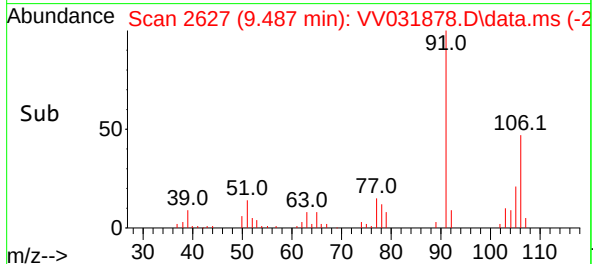
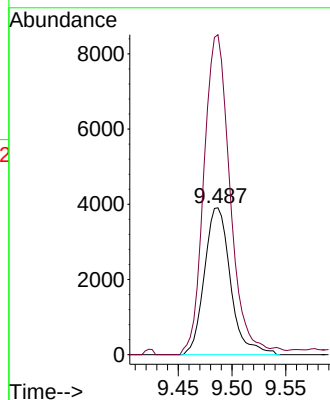
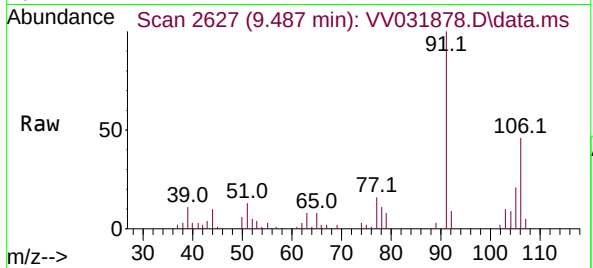




#54
o-Xylene
Concen: 0.505 ug/L
RT: 9.487 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

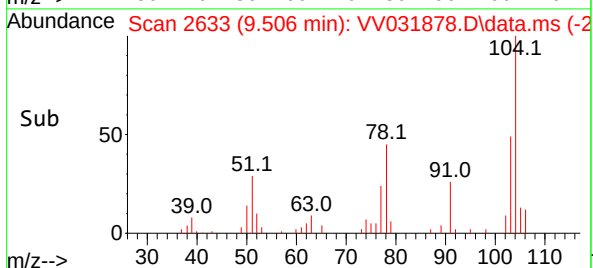
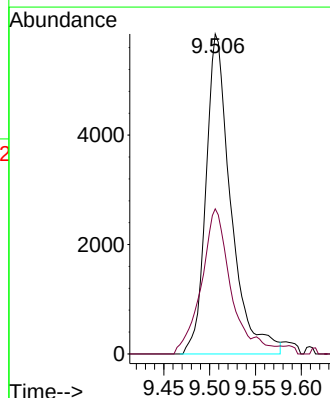
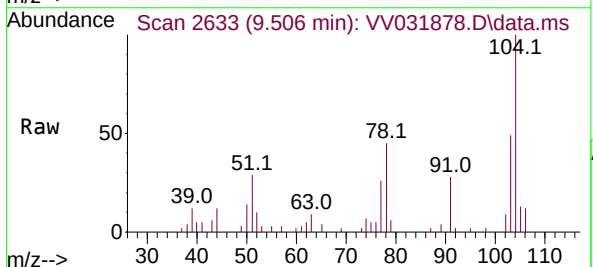
Instrument :
MSVOA_V
ClientSampleId :

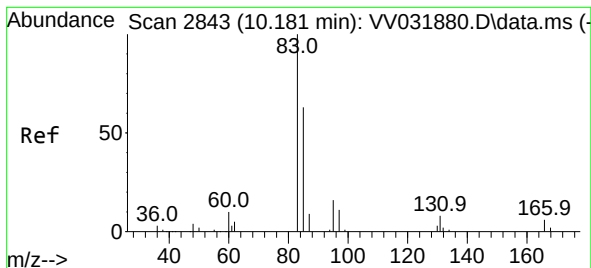
Tgt Ion:106 Resp: 6596
Ion Ratio Lower Upper
106 100
91 218.0 154.7 287.3



#55
Styrene
Concen: 0.490 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.006 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion:104 Resp: 11042
Ion Ratio Lower Upper
104 100
78 45.4 32.1 59.7

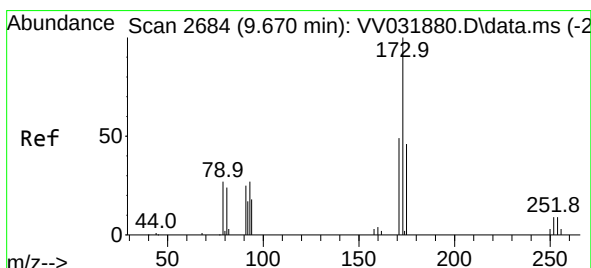
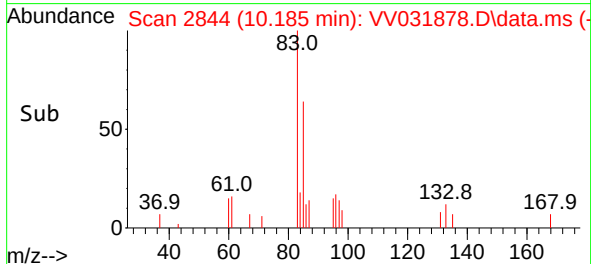
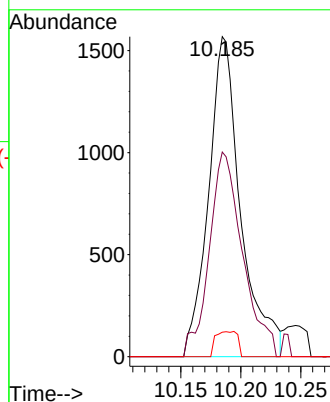
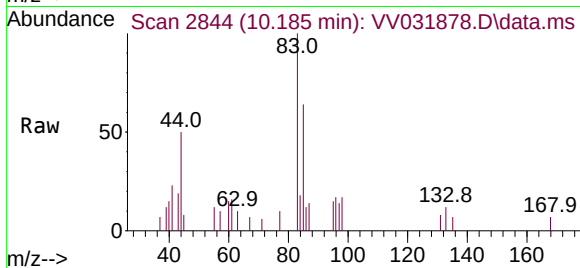




#57
1,1,2,2-Tetrachloroethane
Concen: 0.521 ug/L
RT: 10.185 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

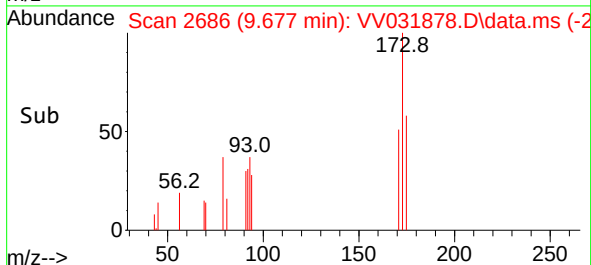
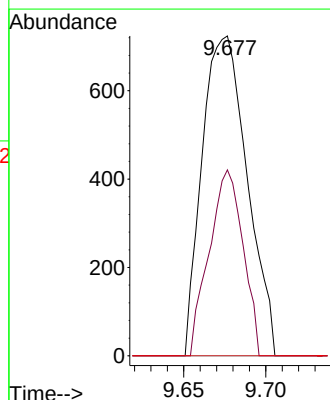
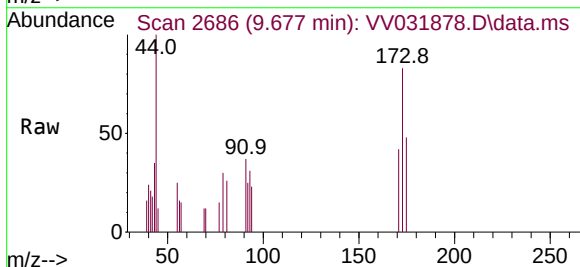
Instrument :
MSVOA_V
ClientSampleId :

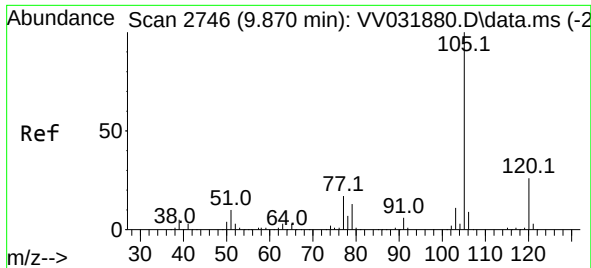
Tgt Ion: 83 Resp: 2923
Ion Ratio Lower Upper
83 100
85 64.0 46.6 86.6
131 7.7 7.4 11.2



#59
Bromoform
Concen: 0.457 ug/L
RT: 9.677 min Scan# 2686
Delta R.T. 0.006 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 173 Resp: 1380
Ion Ratio Lower Upper
173 100
175 43.6 38.0 57.0
254 0.0 6.8 10.2

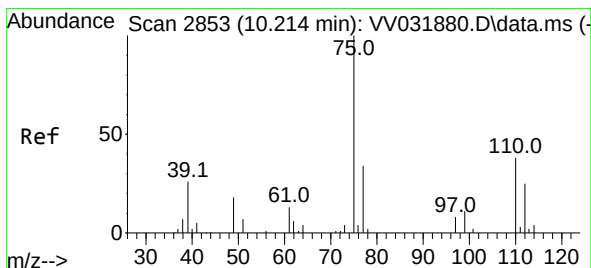
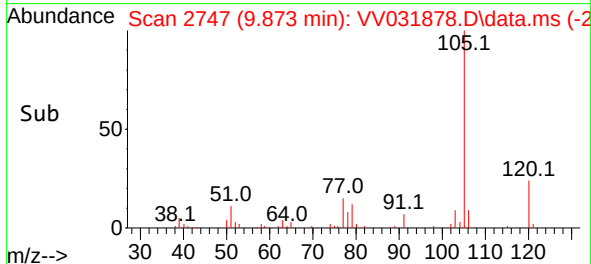
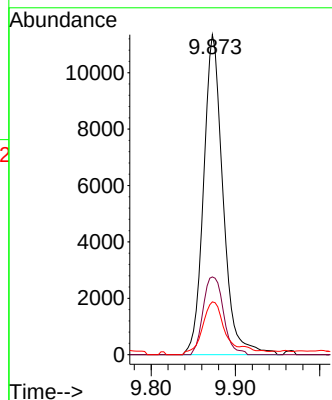
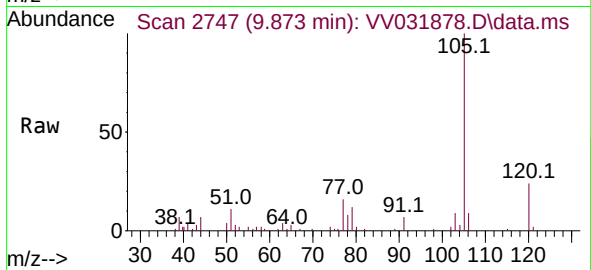




#60
Isopropylbenzene
Concen: 0.513 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

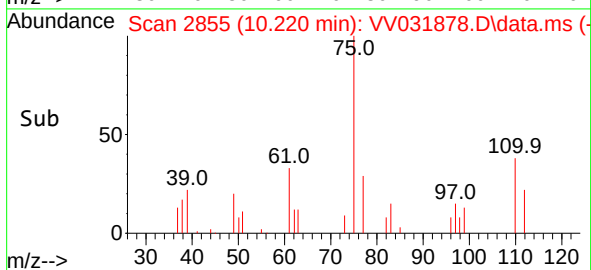
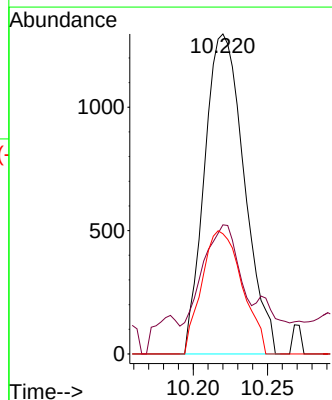
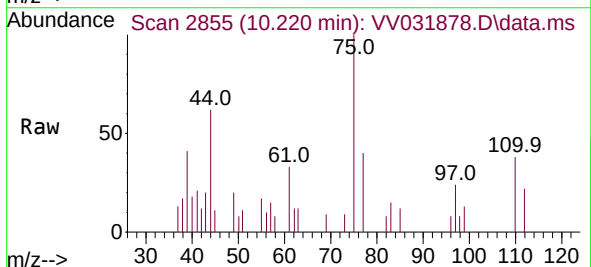
Instrument :
MSVOA_V
ClientSampleId :

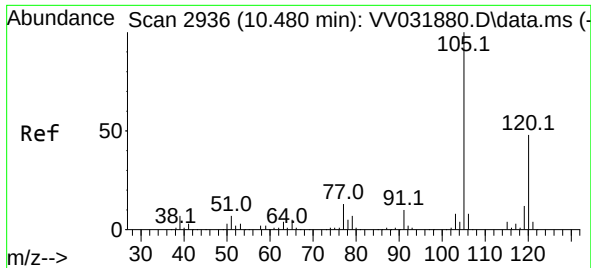
Tgt Ion:105 Resp: 18232
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 18.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 0.513 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.006 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 75 Resp: 2412
Ion Ratio Lower Upper
75 100
77 27.7 28.8 43.2#
110 39.1 30.2 45.2

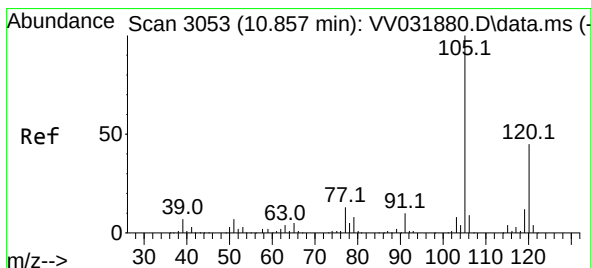
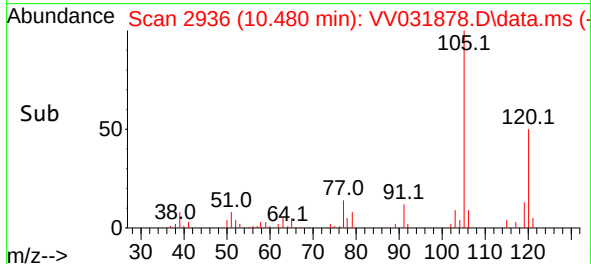
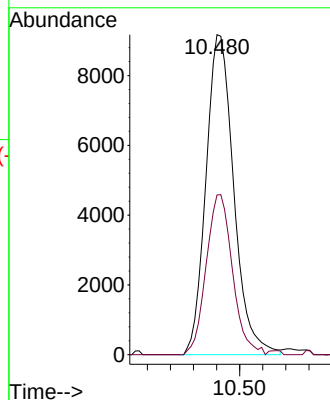
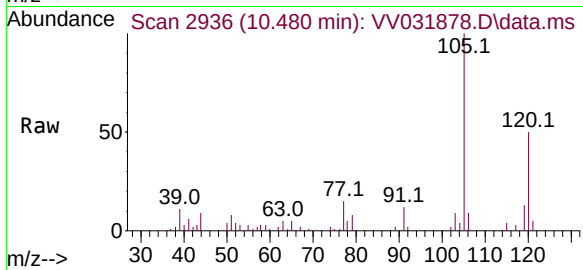




#62
1,3,5-Trimethylbenzene
Concen: 0.504 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

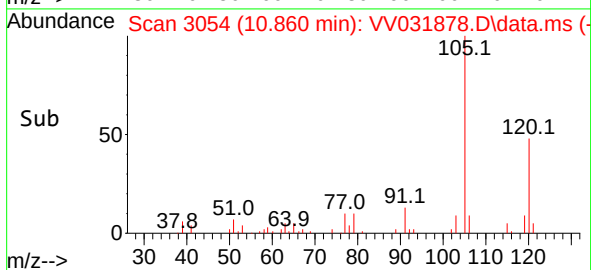
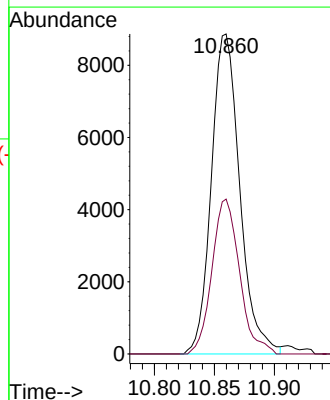
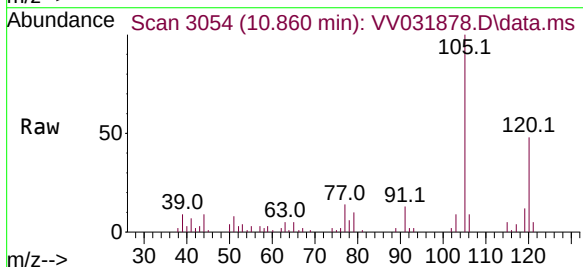
Instrument :
MSVOA_V
ClientSampleId :

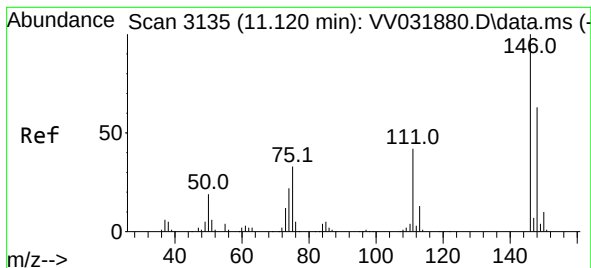
Tgt Ion:105 Resp: 15352
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 0.489 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion:105 Resp: 14613
Ion Ratio Lower Upper
105 100
120 47.0 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.510 ug/L

RT: 11.127 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

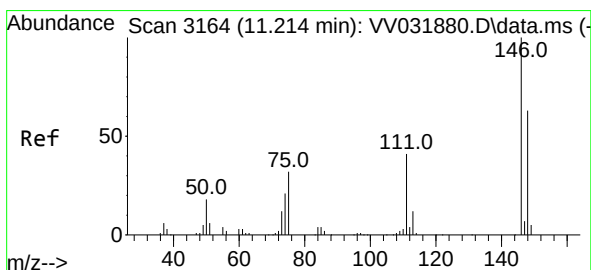
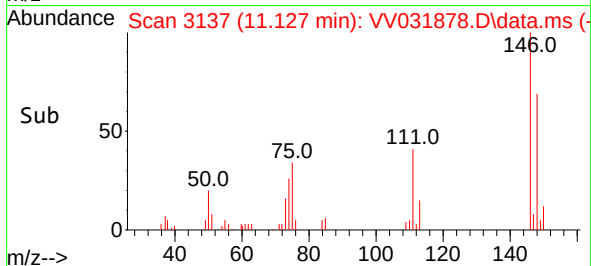
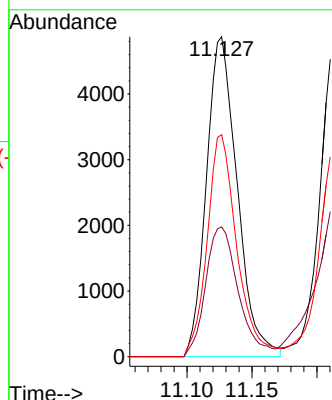
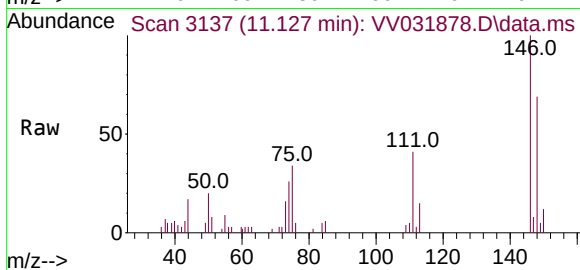
Tgt Ion:146 Resp: 8022

Ion Ratio Lower Upper

146 100

111 40.5 29.5 54.7

148 69.4 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 0.532 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

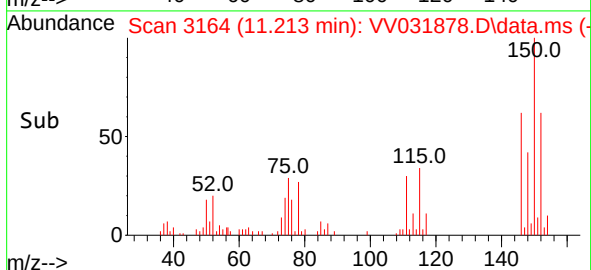
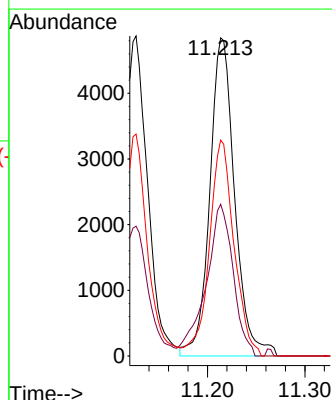
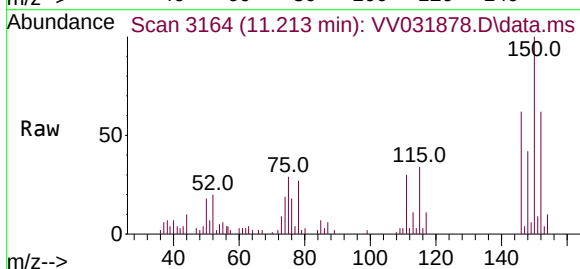
Tgt Ion:146 Resp: 8597

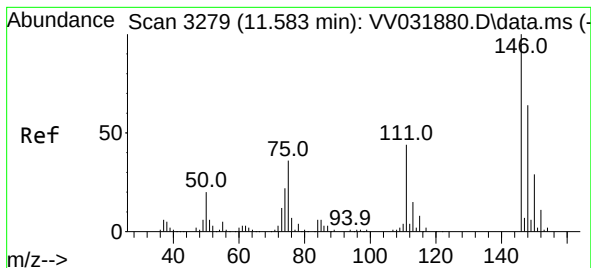
Ion Ratio Lower Upper

146 100

111 47.7 29.2 54.2

148 67.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 0.519 ug/L

RT: 11.586 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

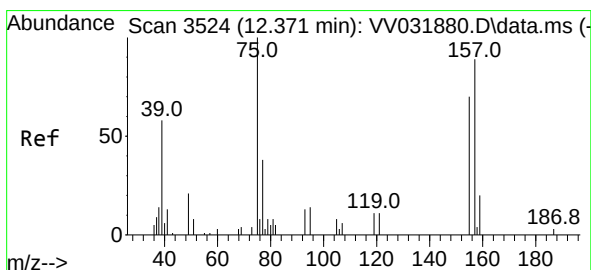
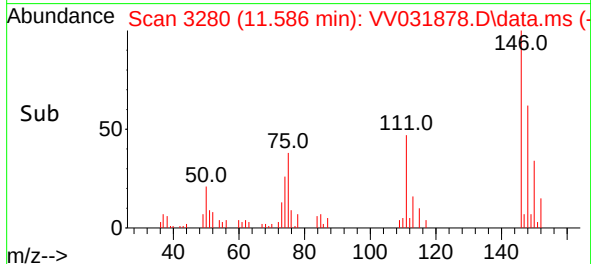
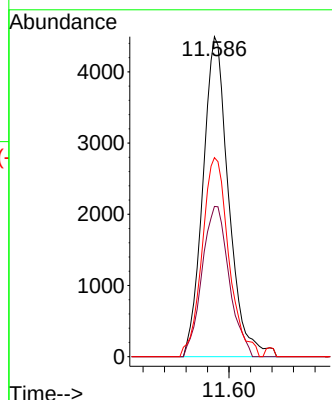
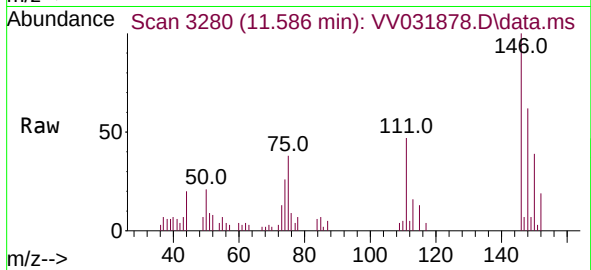
Tgt Ion:146 Resp: 7471

Ion Ratio Lower Upper

146 100

111 46.9 34.8 52.2

148 62.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.468 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

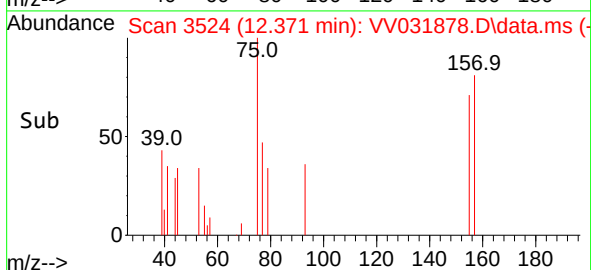
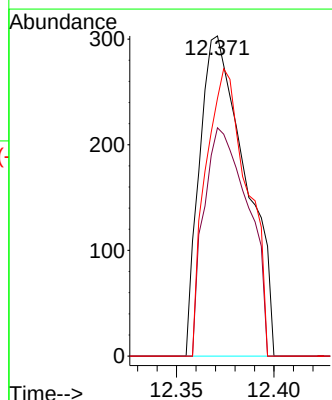
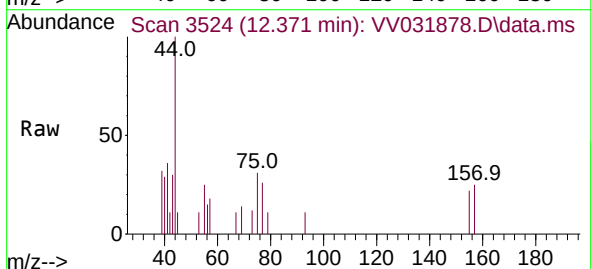
Tgt Ion: 75 Resp: 499

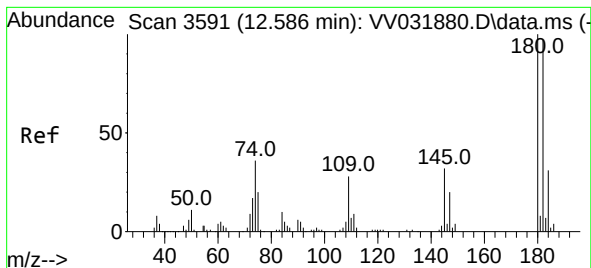
Ion Ratio Lower Upper

75 100

155 71.3 56.1 84.1

157 80.5 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 0.512 ug/L

RT: 12.590 min Scan# 3591

Delta R.T. 0.003 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 5980

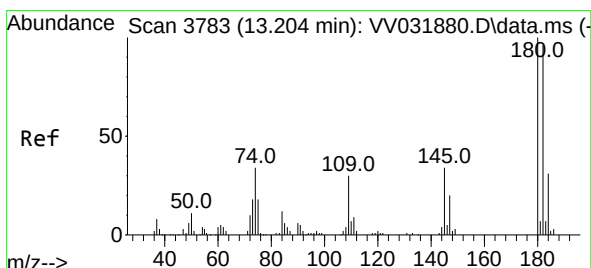
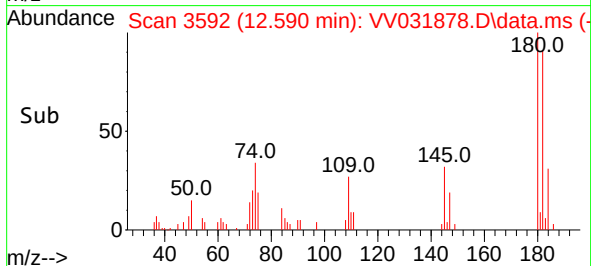
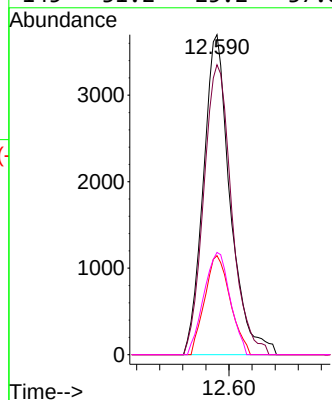
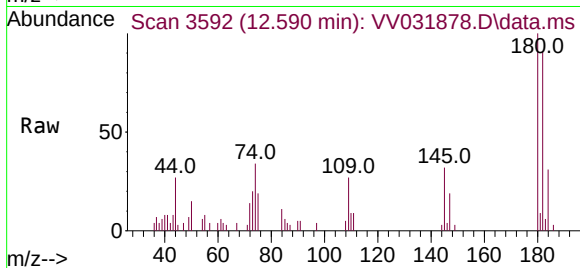
Ion Ratio Lower Upper

180 100

182 94.0 76.0 114.0

184 29.4 23.9 35.9

145 31.2 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.550 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.003 min

Lab File: VV031878.D

Acq: 23 Aug 2023 18:42

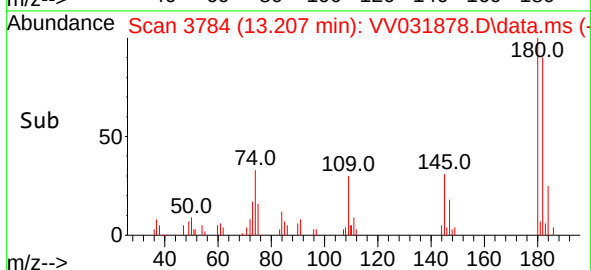
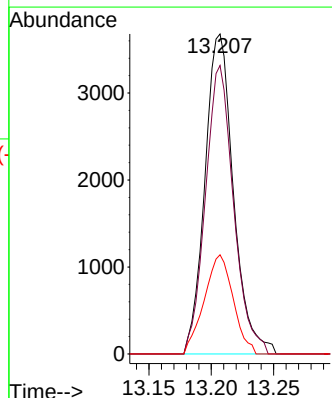
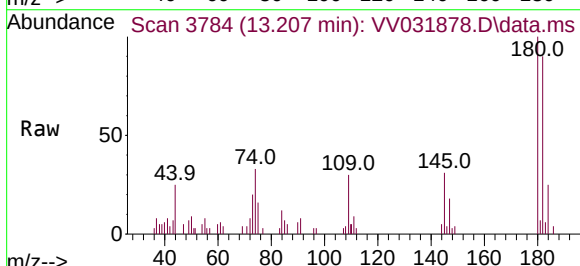
Tgt Ion:180 Resp: 5860

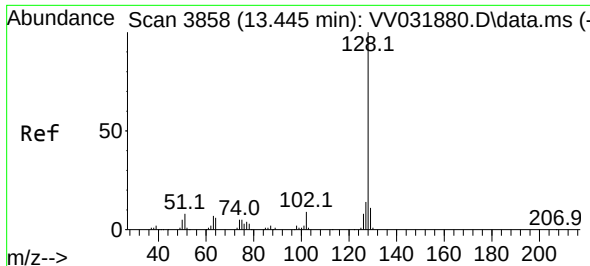
Ion Ratio Lower Upper

180 100

182 88.8 76.9 115.3

145 31.4 26.6 39.8

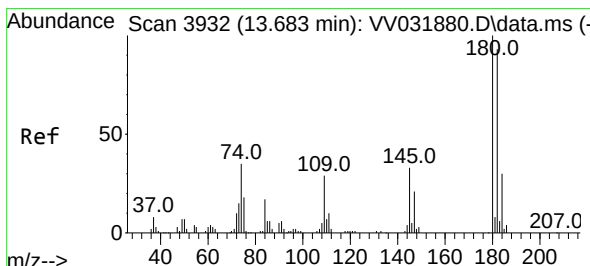
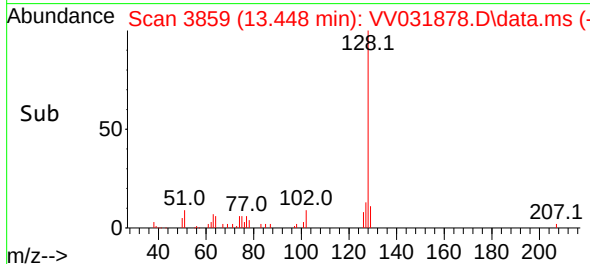
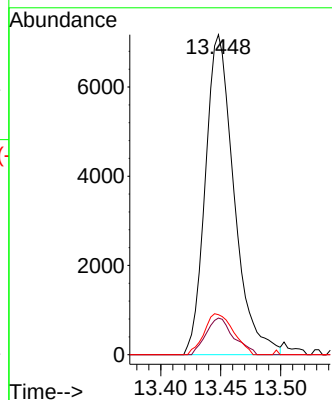
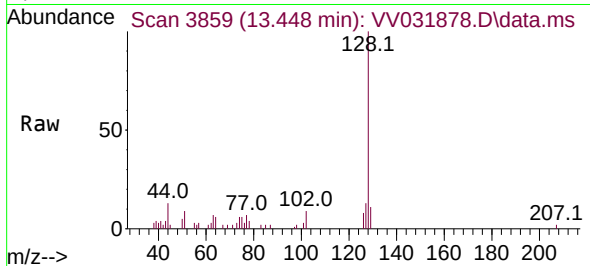




#71
Naphthalene
Concen: 0.595 ug/L
RT: 13.448 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	11936
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.9 13.3
127	13.0	10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.550 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV031878.D
Acq: 23 Aug 2023 18:42

Tgt Ion:180	Resp:	4931
Ion Ratio	Lower	Upper
180	100	
182	92.4	75.9 113.9
145	35.1	27.3 40.9

