

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092923\
 Data File : VV032182.D
 Acq On : 29 Sep 2023 09:58
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 04:08:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:07:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	122679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4228	0.536	ug/L	0.00
7) Chloroethane-d5	1.532	69	3273	0.428	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	1795	0.430	ug/L	0.00
20) 2-Butanone-d5	3.866	46	4044	1.626	ug/L	0.04
24) Chloroform-d	4.259	84	7276	0.356	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	3525	0.355	ug/L	0.01
32) Benzene-d6	4.969	84	13221	0.412	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5644	0.505	ug/L	0.00
41) Toluene-d8	7.252	98	11772	0.411	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1374	0.388	ug/L	0.01
46) 2-Hexanone-d5	8.046	63	6595	3.928	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.159	84	3199	0.424	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	4512	0.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	6395	0.554	ug/L	99
3) Chloromethane	1.217	50	6874	0.608	ug/L	96
5) Vinyl chloride	1.281	62	6263	0.568	ug/L	92
6) Bromomethane	1.490	94	3955	0.557	ug/L	87
8) Chloroethane	1.548	64	3897	0.576	ug/L	97
9) Trichlorofluoromethane	1.715	101	7282	0.446	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	4561	0.490	ug/L	96
12) 1,1-Dichloroethene	2.069	96	4318	0.522	ug/L	95
13) Acetone	2.146	43	9500	6.192	ug/L	99
14) Carbon disulfide	2.243	76	14751	0.615	ug/L	99
15) Methyl Acetate	2.394	43	1278	0.325	ug/L	93
16) Methylene chloride	2.449	84	6726	0.609	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	11440	0.627	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	5155	0.638	ug/L	98
19) 1,1-Dichloroethane	3.117	63	9177	0.552	ug/L	98
21) 2-Butanone	3.937	43	9063	4.209	ug/L #	61
22) cis-1,2-Dichloroethene	3.831	96	5339	0.638	ug/L	95
23) Bromochloromethane	4.166	128	2244	0.556	ug/L #	93
25) Chloroform	4.284	83	9090	0.525	ug/L	97
27) 1,2-Dichloroethane	5.056	62	5340	0.522	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	7500	0.550	ug/L	97
30) Cyclohexane	4.583	56	8386	0.778	ug/L	97
31) Carbon tetrachloride	4.738	117	6065	0.515	ug/L	97
33) Benzene	5.021	78	19073	0.639	ug/L	100
34) Trichloroethene	5.844	95	5278	0.624	ug/L	95
35) Methylcyclohexane	6.053	83	8389	0.804	ug/L	98
37) 1,2-Dichloropropane	6.101	63	5432	0.654	ug/L #	92
38) Bromodichloromethane	6.442	83	5810	0.536	ug/L	97
39) cis-1,3-Dichloropropene	6.972	75	6923	0.663	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	31026	6.709	ug/L	97
42) Toluene	7.326	91	20376	0.681	ug/L	99
44) trans-1,3-Dichloropropene	7.599	75	5459	0.604	ug/L	100

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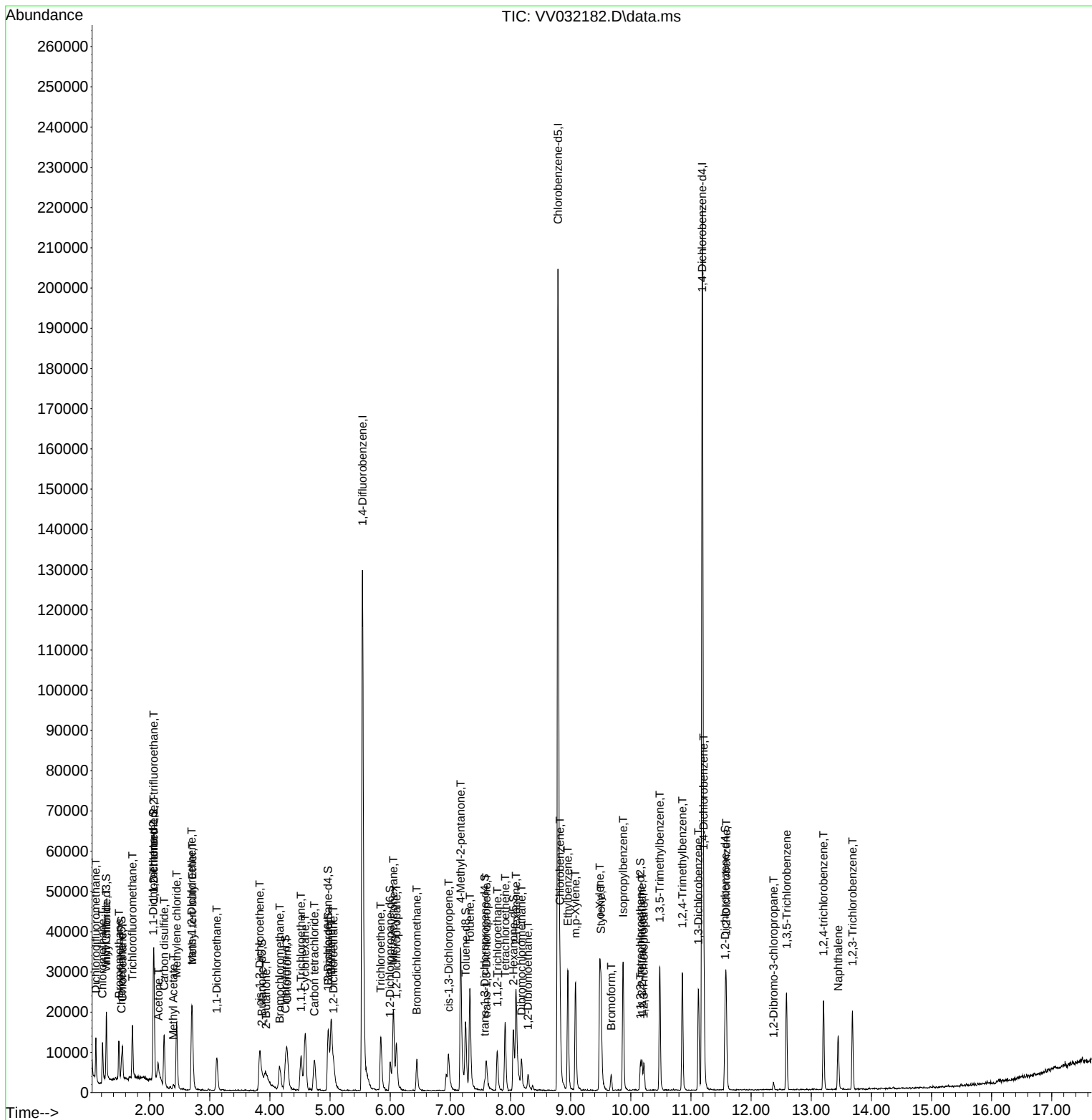
Quant Time: Sep 30 04:08:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:07:23 2023
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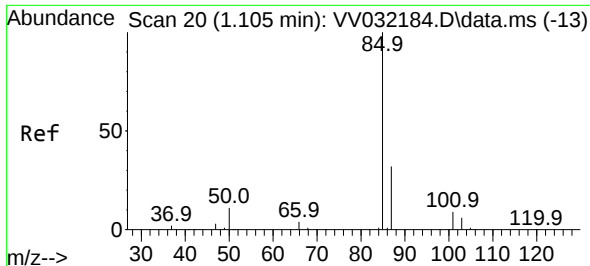
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.780	97	3759	0.604	ug/L	93
47) Tetrachloroethene	7.911	164	4197	0.679	ug/L	93
48) 2-Hexanone	8.091	43	20356	5.769	ug/L	95
49) Dibromochloromethane	8.185	129	3487	0.507	ug/L	98
50) 1,2-Dibromoethane	8.291	107	3430	0.599	ug/L #	89
51) Chlorobenzene	8.821	112	13723	0.673	ug/L	99
52) Ethylbenzene	8.953	91	22861	0.732	ug/L	96
53) m,p-Xylene	9.082	106	8287	0.727	ug/L	99
54) o-Xylene	9.484	106	7844	0.724	ug/L	99
55) Styrene	9.506	104	12670	0.653	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.188	83	3981	0.621	ug/L #	90
59) Bromoform	9.673	173	1958	0.550	ug/L #	95
60) Isopropylbenzene	9.873	105	20928	0.756	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	2977	0.587	ug/L	94
62) 1,3,5-Trimethylbenzene	10.480	105	17180	0.758	ug/L	93
63) 1,2,4-Trimethylbenzene	10.857	105	16582	0.730	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	10515	0.701	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	10909	0.720	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	9811	0.693	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	546	0.560	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.590	180	7777	0.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	6867	0.734	ug/L	95
71) Naphthalene	13.448	128	11759	0.830	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	5971	0.718	ug/L	95

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

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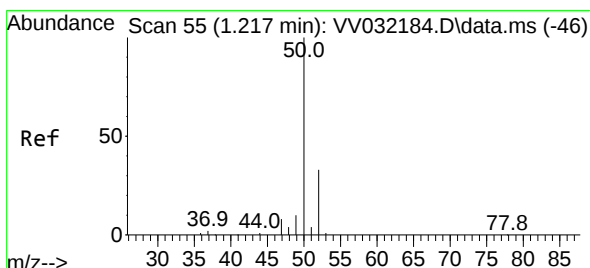
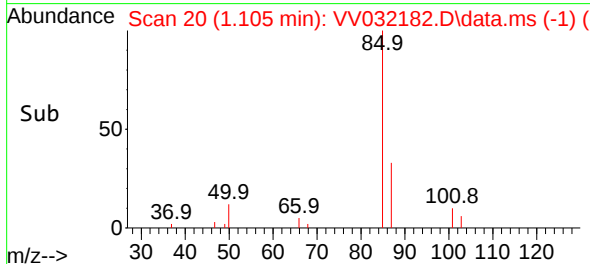
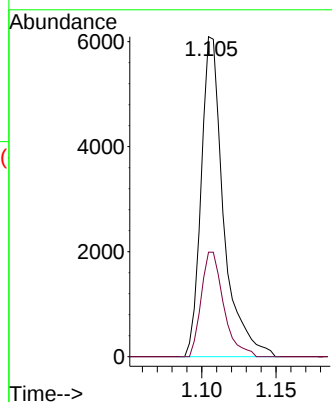
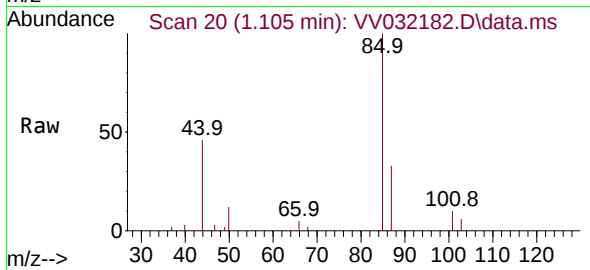




#2
 Dichlorodifluoromethane
 Concen: 0.554 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032182.D
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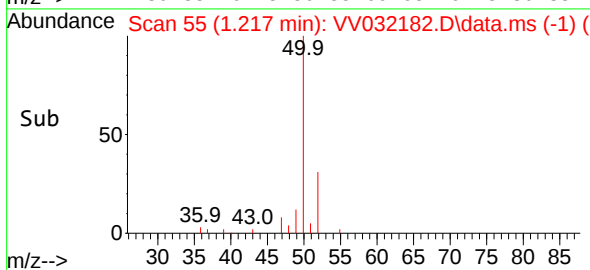
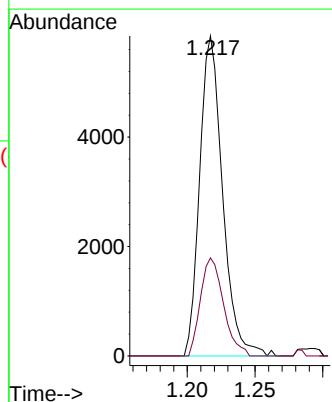
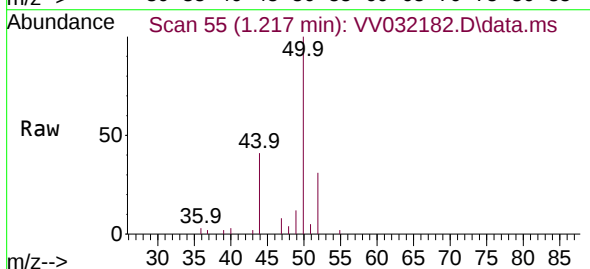
Instrument :
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 ClientSampleId :

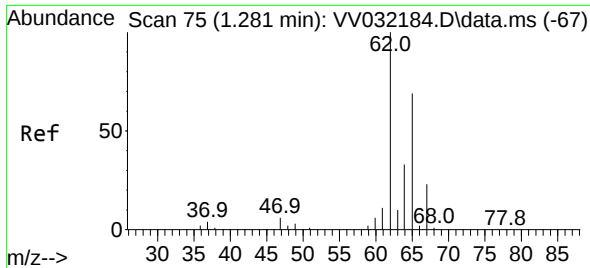
Tgt Ion: 85 Resp: 6395
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.5 38.3



#3
 Chloromethane
 Concen: 0.608 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

Tgt Ion: 50 Resp: 6874
 Ion Ratio Lower Upper
 50 100
 52 30.7 23.0 42.6

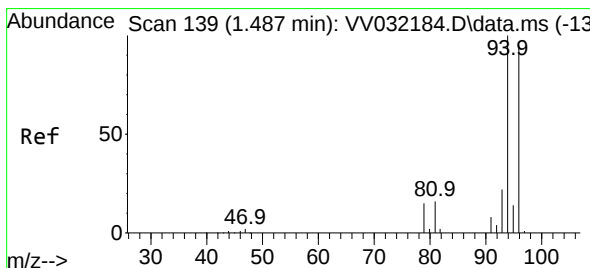
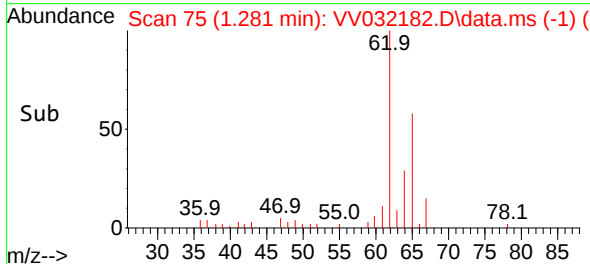
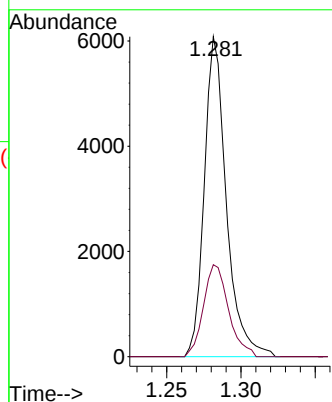
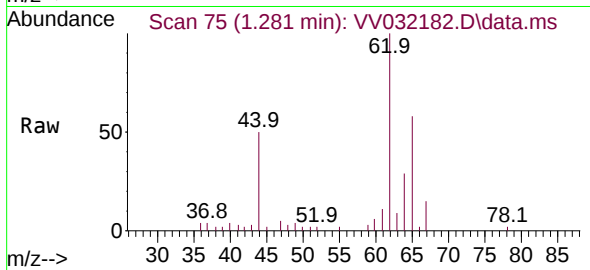




#5
 Vinyl chloride
 Concen: 0.568 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

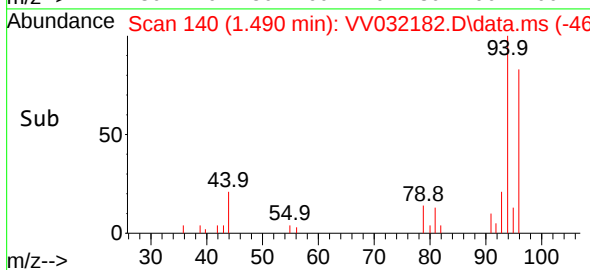
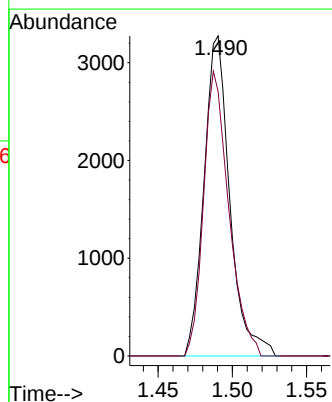
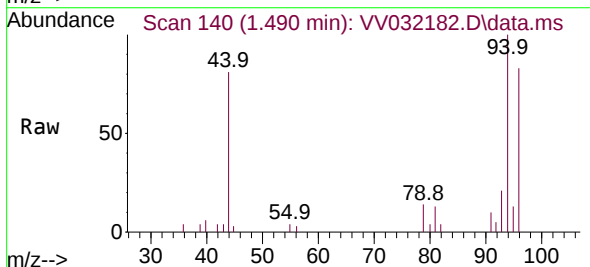
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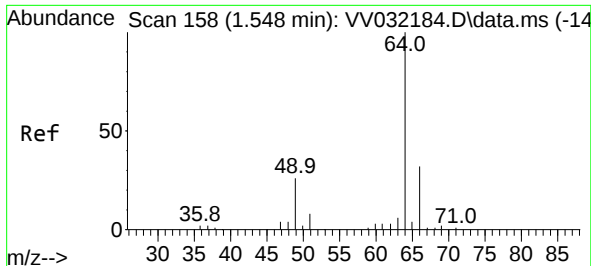
Tgt Ion: 62 Resp: 6263
 Ion Ratio Lower Upper
 62 100
 64 28.8 23.1 42.9



#6
 Bromomethane
 Concen: 0.557 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

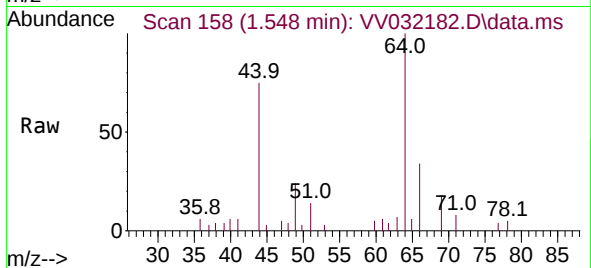
Tgt Ion: 94 Resp: 3955
 Ion Ratio Lower Upper
 94 100
 96 82.7 66.8 124.2



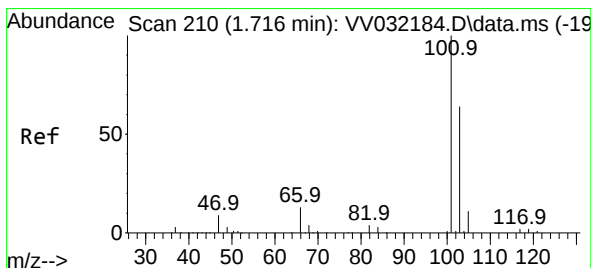
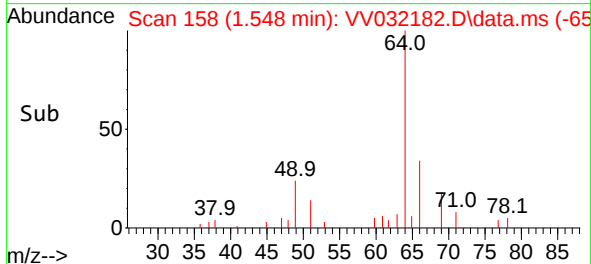
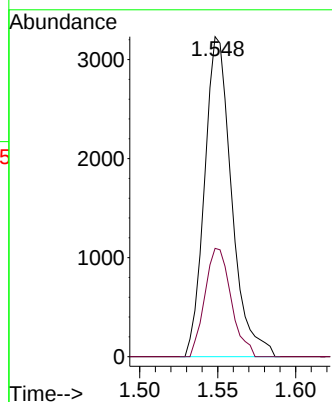


#8
Chloroethane
Concen: 0.576 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Instrument :
MSVOA_V
ClientSampleId :

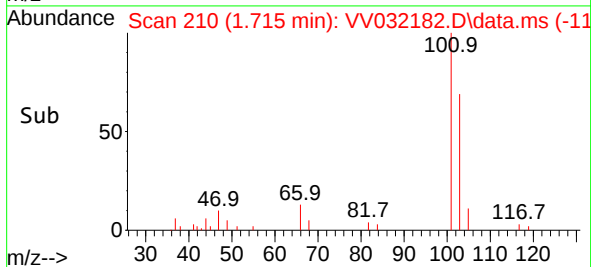
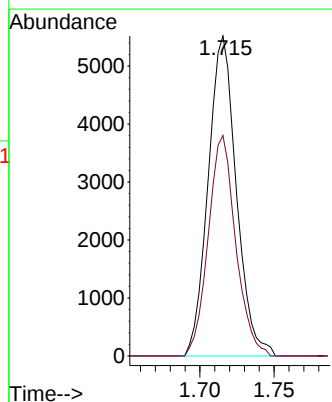
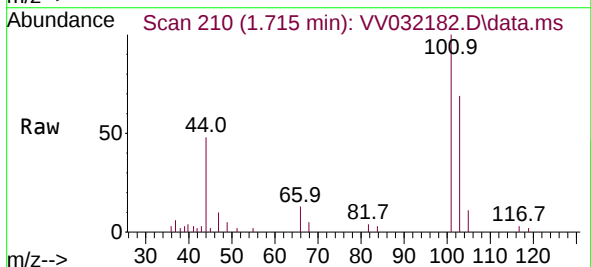


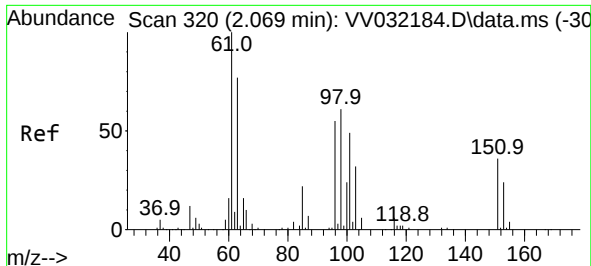
Tgt Ion: 64 Resp: 3897
Ion Ratio Lower Upper
64 100
66 33.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.446 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion: 101 Resp: 7282
Ion Ratio Lower Upper
101 100
103 67.1 51.4 77.2

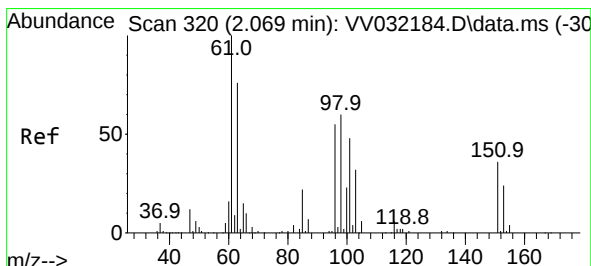
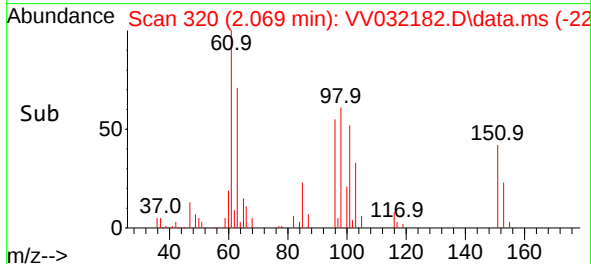
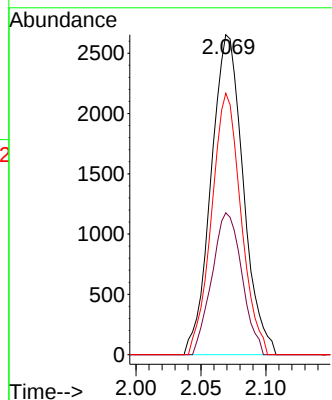
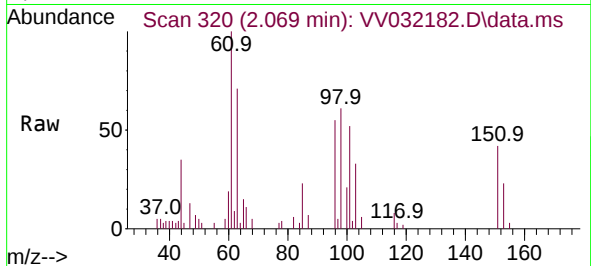




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.490 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

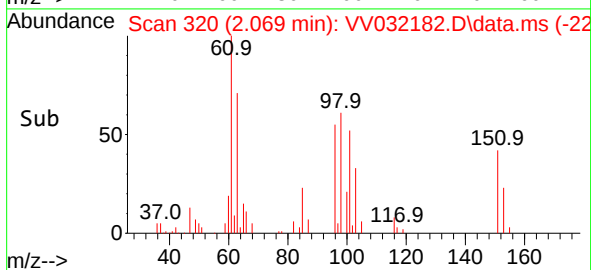
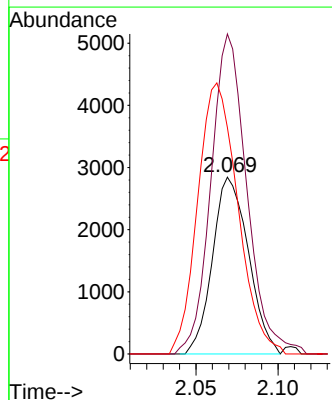
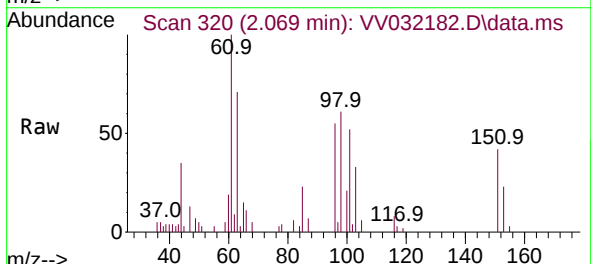
Instrument :
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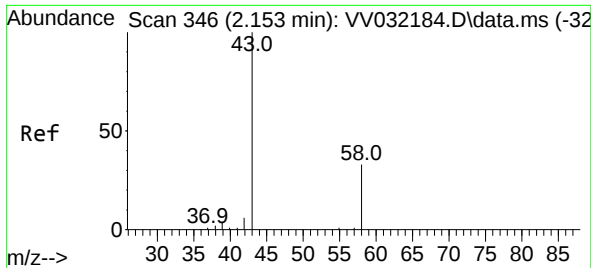
Tgt Ion:101 Resp: 4561
 Ion Ratio Lower Upper
 101 100
 85 41.4 35.0 52.6
 151 74.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 0.522 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

Tgt Ion: 96 Resp: 4318
 Ion Ratio Lower Upper
 96 100
 61 180.9 127.3 236.3
 63 128.0 98.3 182.7





#13

Acetone

Concen: 6.192 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.007 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

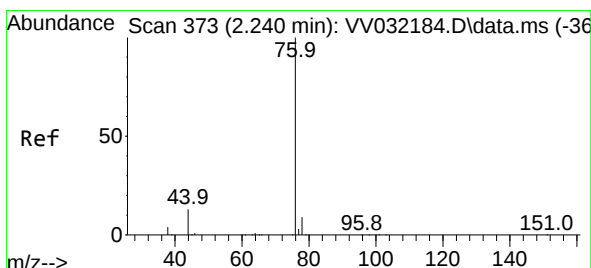
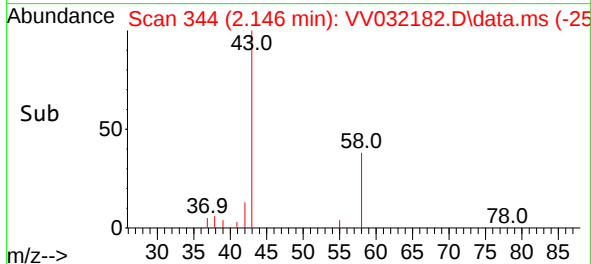
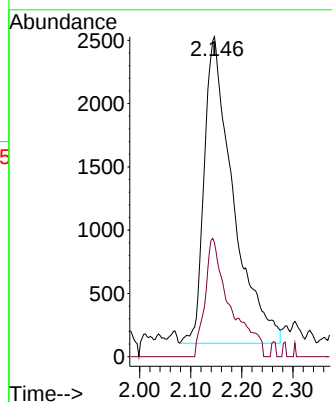
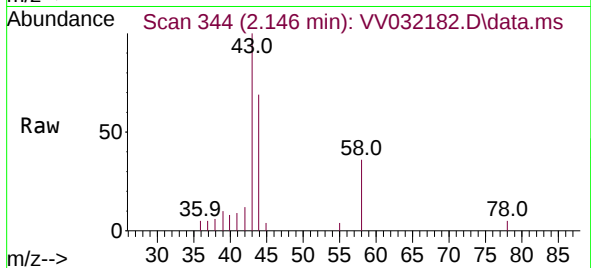
ClientSampleId :

Tgt Ion: 43 Resp: 9500

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.0



#14

Carbon disulfide

Concen: 0.615 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032182.D

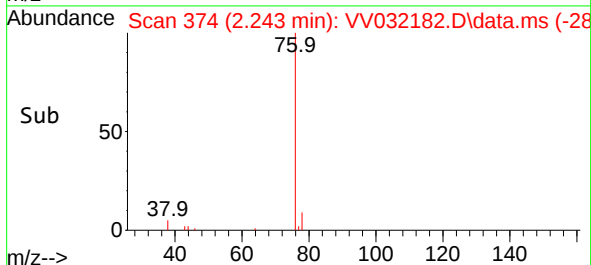
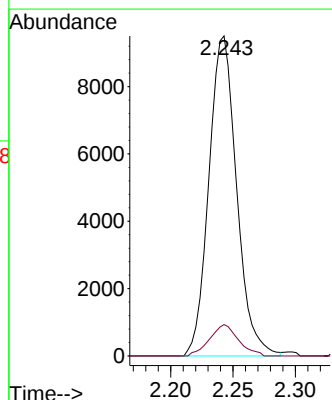
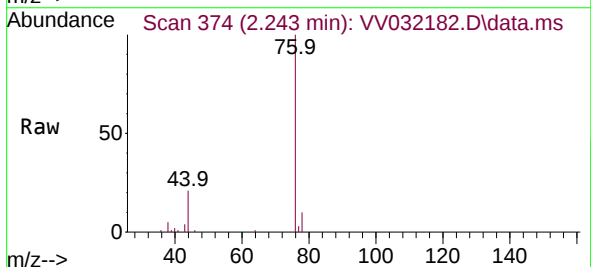
Acq: 29 Sep 2023 09:58

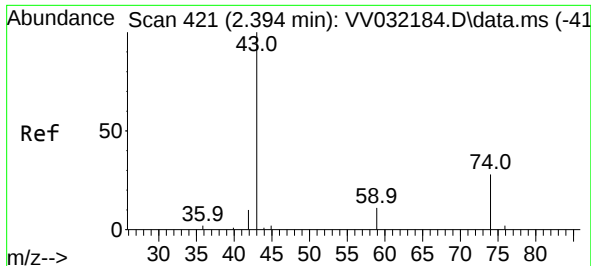
Tgt Ion: 76 Resp: 14751

Ion Ratio Lower Upper

76 100

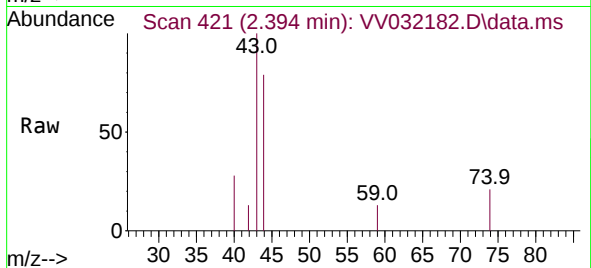
78 9.8 7.4 11.2



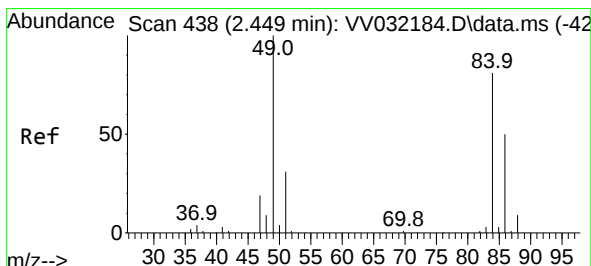
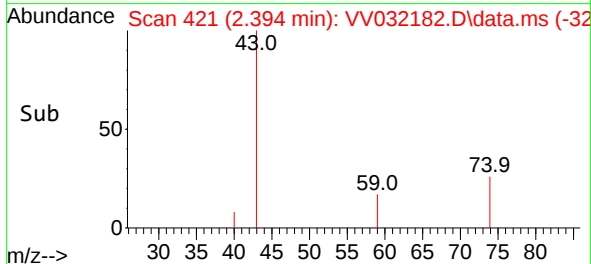
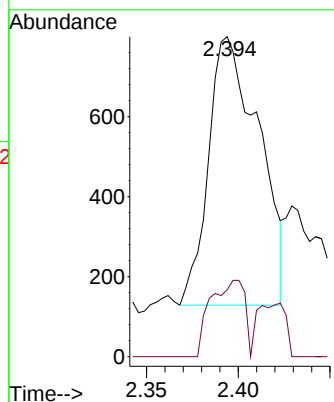


#15
Methyl Acetate
Concen: 0.325 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.000 min
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Acq: 29 Sep 2023 09:58

Instrument :
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ClientSampleId :

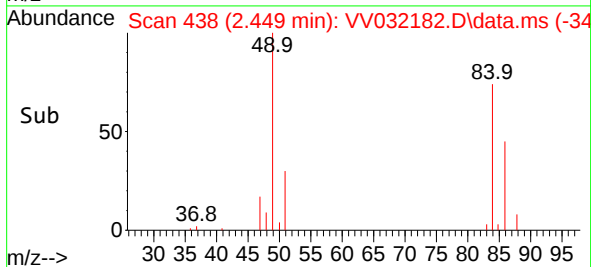
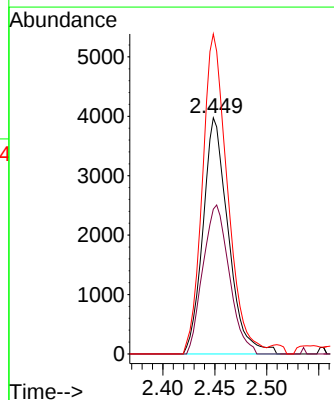
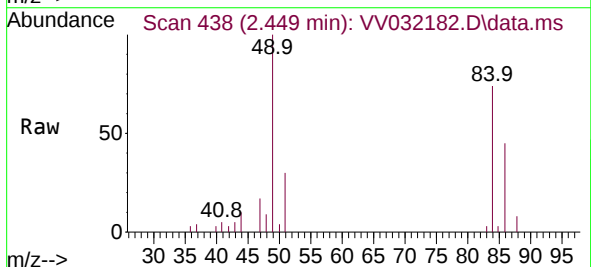


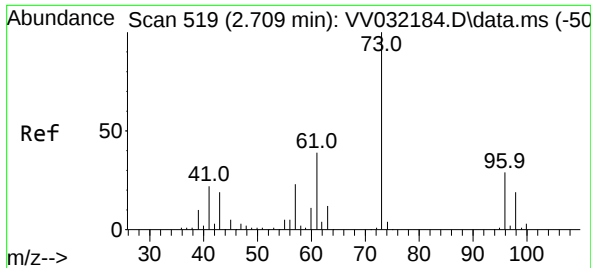
Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
74 19.2 18.0 27.0



#16
Methylene chloride
Concen: 0.609 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion: 84 Resp: 6726
Ion Ratio Lower Upper
84 100
86 61.3 43.2 80.2
49 135.5 86.3 160.3

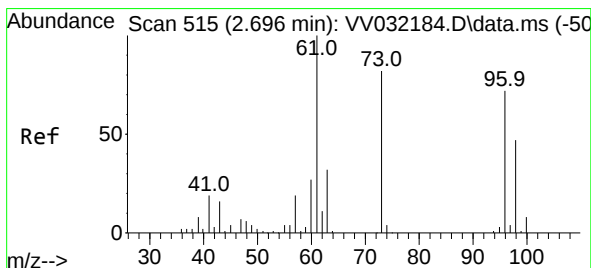
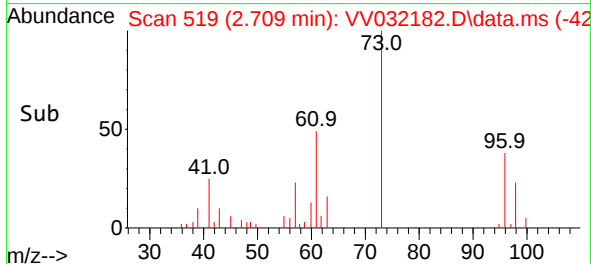
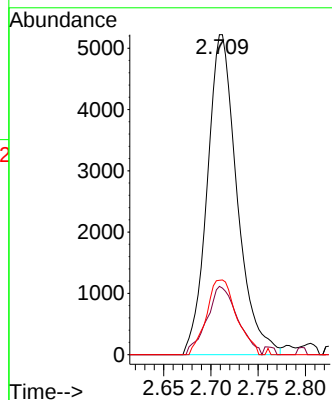
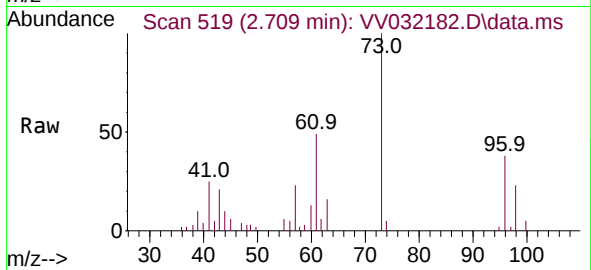




#17
Methyl tert-butyl Ether
Concen: 0.627 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

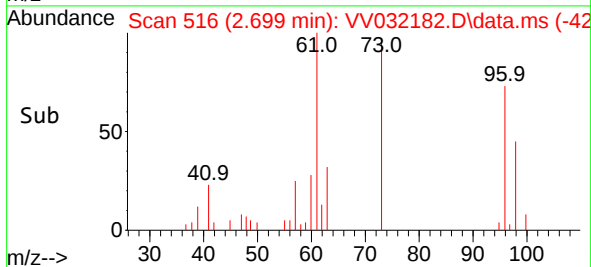
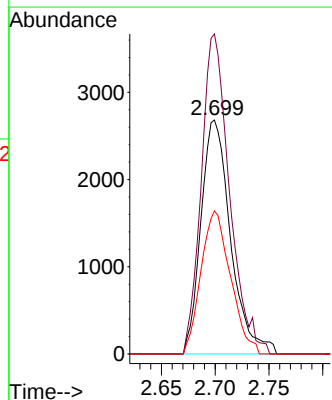
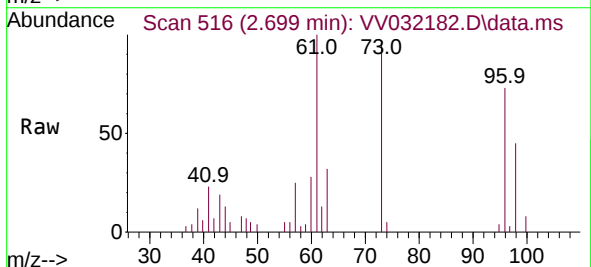
Instrument :
MSVOA_V
ClientSampleId :

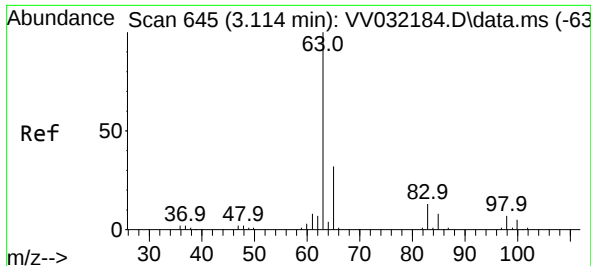
Tgt Ion: 73 Resp: 11440
Ion Ratio Lower Upper
73 100
43 22.0 15.1 22.7
57 23.5 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 0.638 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion: 96 Resp: 5155
Ion Ratio Lower Upper
96 100
61 136.8 96.9 180.1
98 61.2 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.552 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

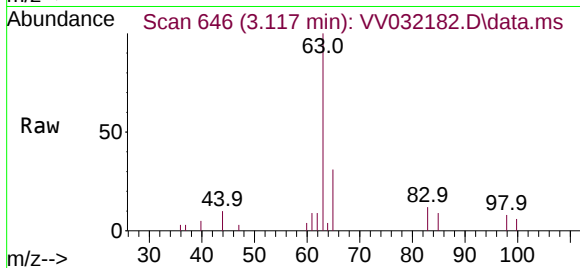
Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

ClientSampleId :



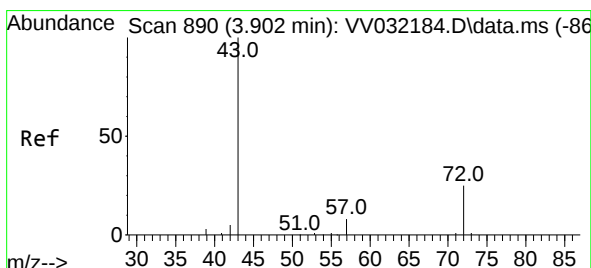
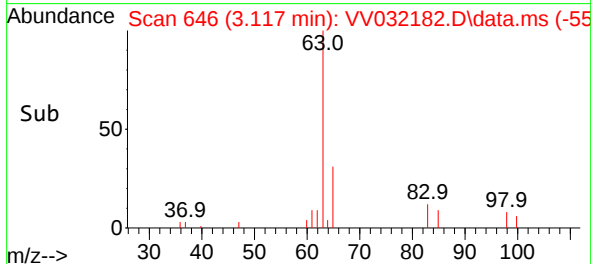
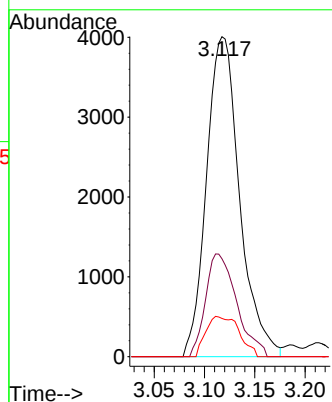
Tgt Ion: 63 Resp: 9177

Ion Ratio Lower Upper

63 100

65 30.6 22.3 41.5

83 12.0 9.0 16.6



#21

2-Butanone

Concen: 4.209 ug/L

RT: 3.937 min Scan# 901

Delta R.T. 0.035 min

Lab File: VV032182.D

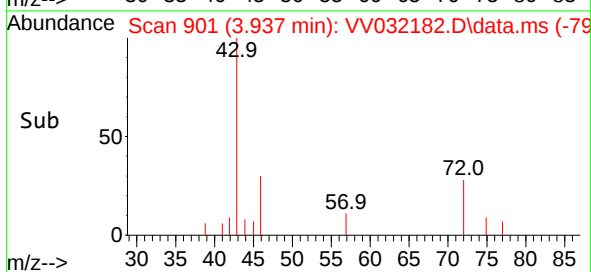
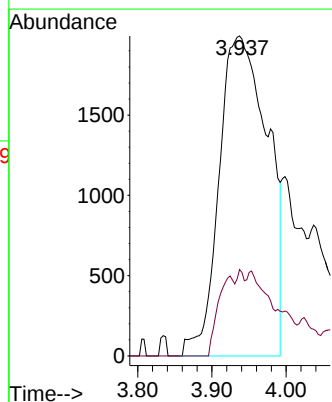
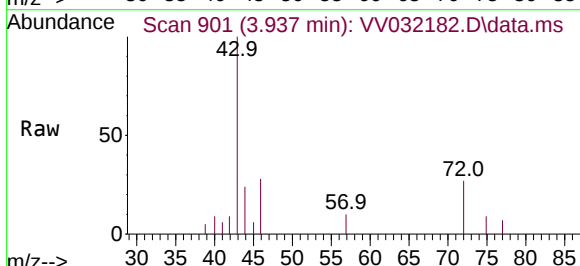
Acq: 29 Sep 2023 09:58

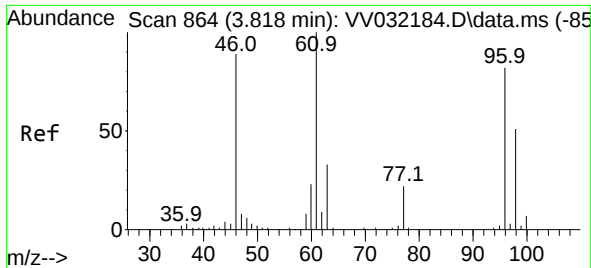
Tgt Ion: 43 Resp: 9063

Ion Ratio Lower Upper

43 100

72 4.3 11.6 34.8#

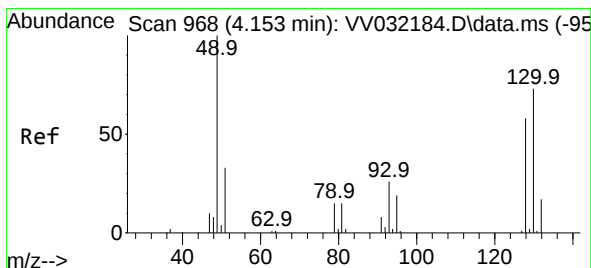
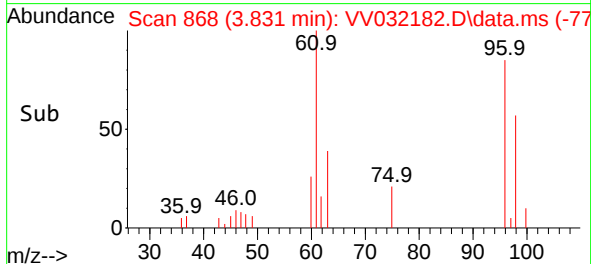
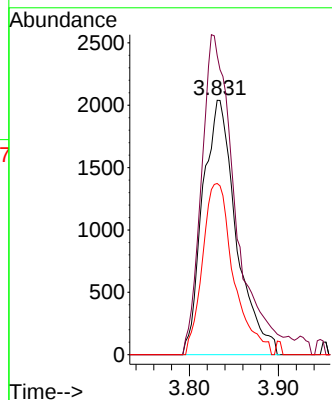
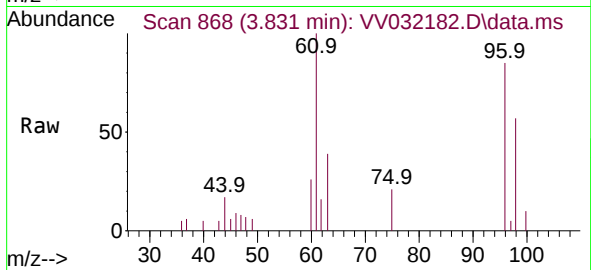




#22
 cis-1,2-Dichloroethene
 Concen: 0.638 ug/L
 RT: 3.831 min Scan# 868
 Delta R.T. 0.013 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

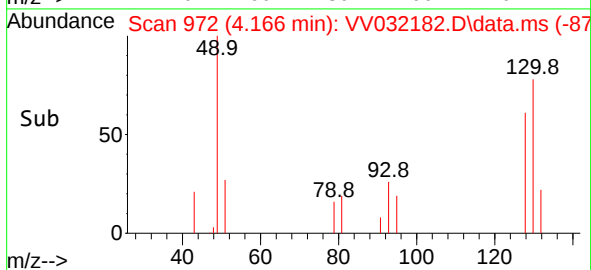
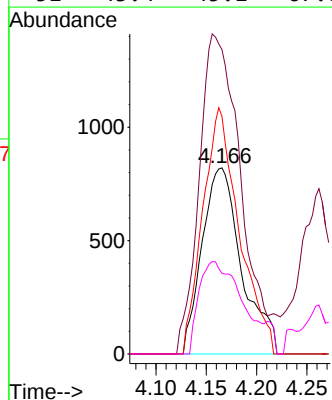
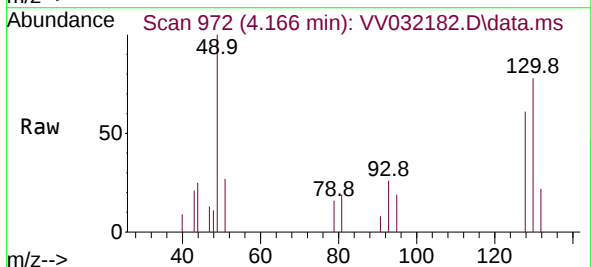
Instrument :
 MSVOA_V
 ClientSampleId :

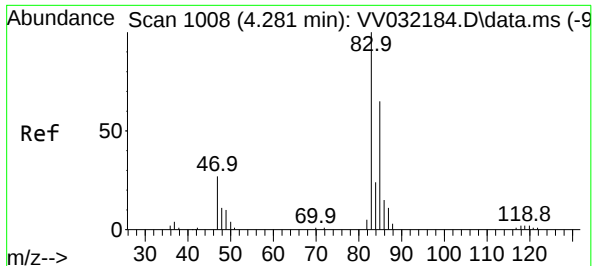
Tgt Ion: 96 Resp: 5339
 Ion Ratio Lower Upper
 96 100
 61 117.7 85.8 159.4
 98 67.3 44.0 81.6



#23
 Bromochloromethane
 Concen: 0.556 ug/L
 RT: 4.166 min Scan# 972
 Delta R.T. 0.013 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

Tgt Ion: 128 Resp: 2244
 Ion Ratio Lower Upper
 128 100
 49 163.5 121.2 225.0
 130 127.6 88.2 163.8
 51 43.4 45.1 67.7#





#25

Chloroform

Concen: 0.525 ug/L

RT: 4.284 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

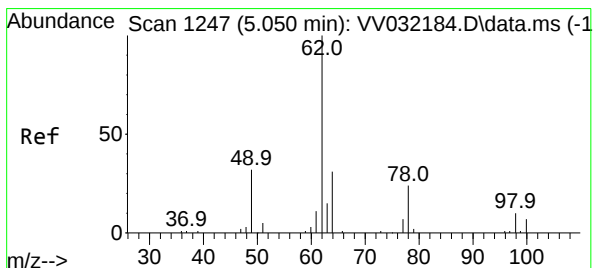
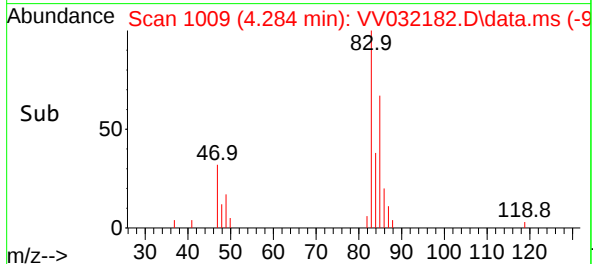
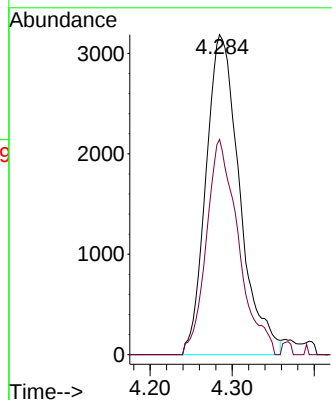
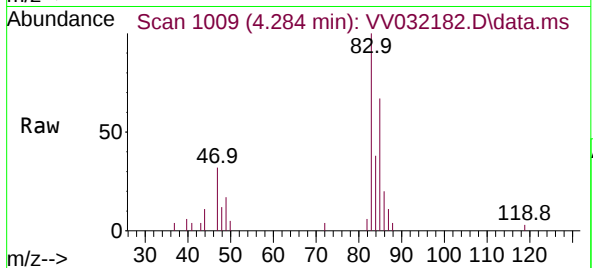
ClientSampleId :

Tgt Ion: 83 Resp: 9090

Ion Ratio Lower Upper

83 100

85 67.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 0.522 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VV032182.D

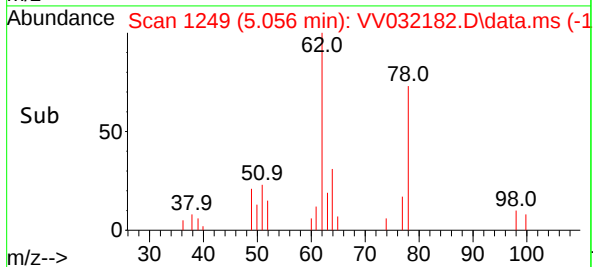
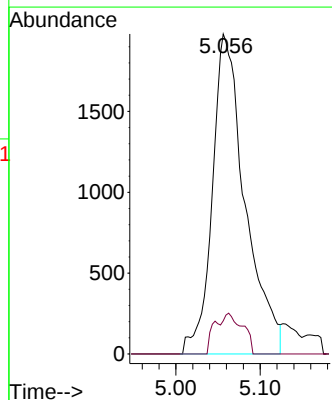
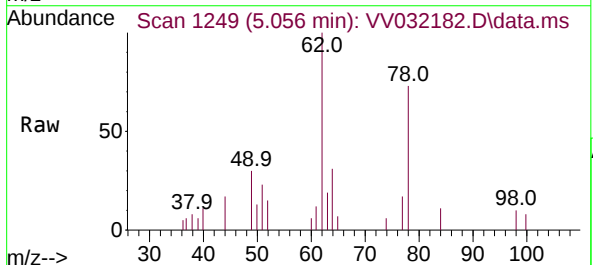
Acq: 29 Sep 2023 09:58

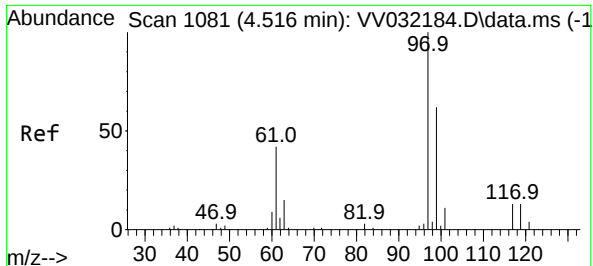
Tgt Ion: 62 Resp: 5340

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.550 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. -0.000 min

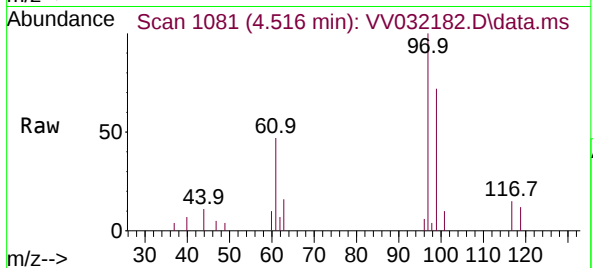
Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

ClientSampleId :



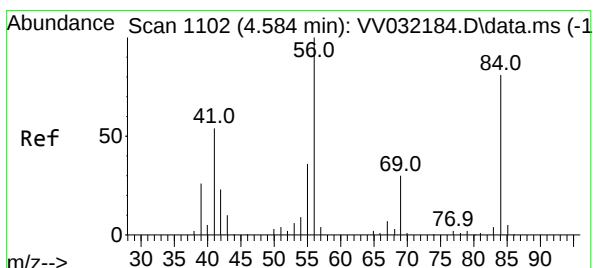
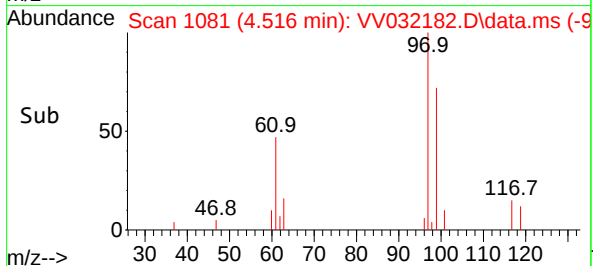
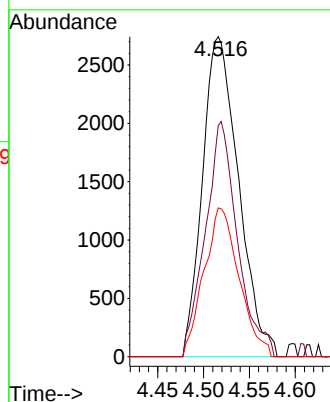
Tgt Ion: 97 Resp: 7500

Ion Ratio Lower Upper

97 100

99 65.6 50.1 75.1

61 45.3 35.1 52.7



#30

Cyclohexane

Concen: 0.778 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

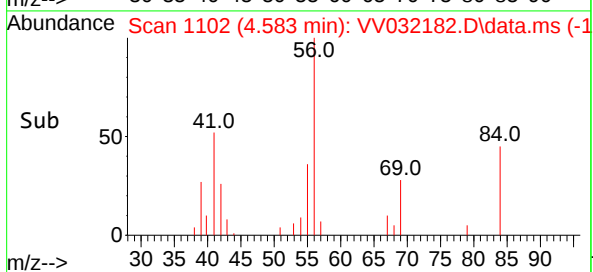
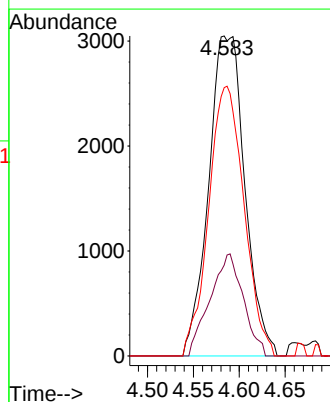
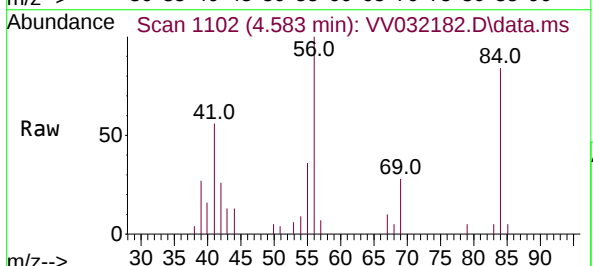
Tgt Ion: 56 Resp: 8386

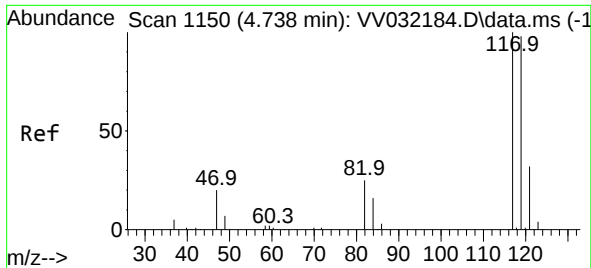
Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.2

84 82.4 68.1 102.1

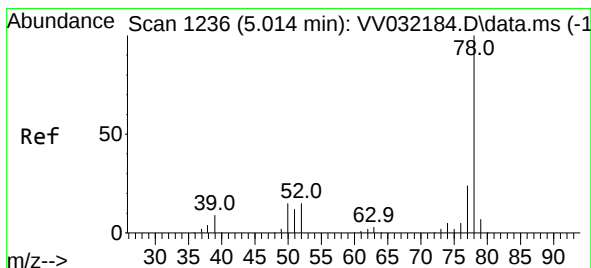
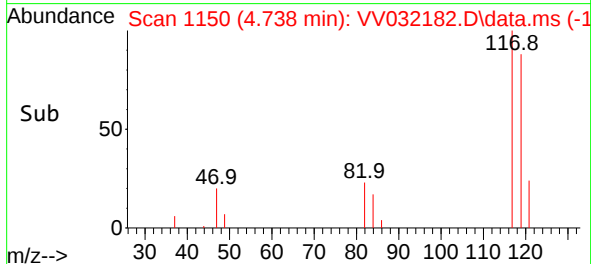
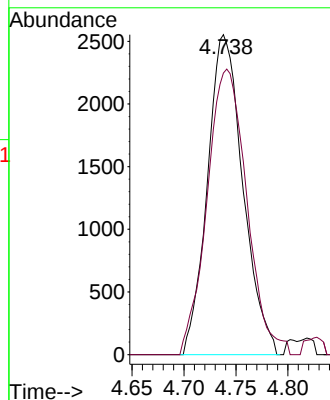
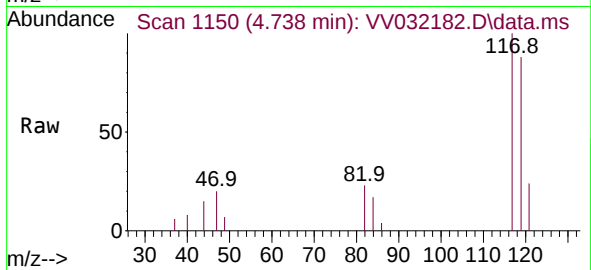




#31
Carbon tetrachloride
Concen: 0.515 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

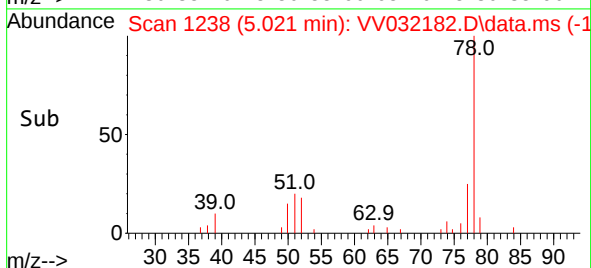
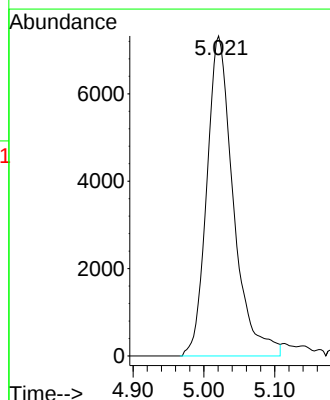
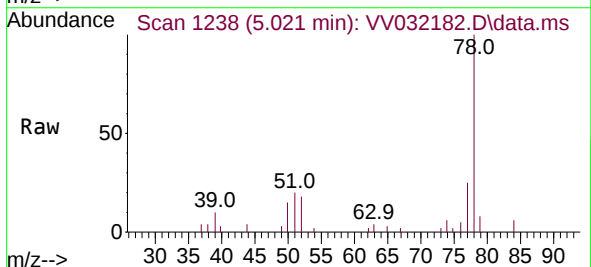
Instrument :
MSVOA_V
ClientSampleId :

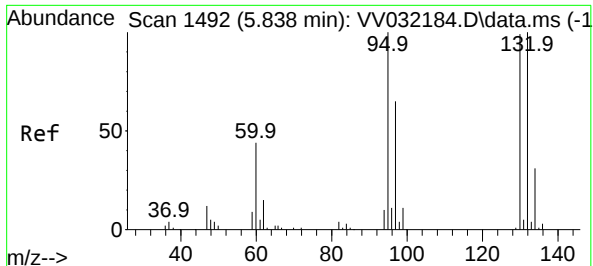
Tgt Ion:117 Resp: 6065
Ion Ratio Lower Upper
117 100
119 99.7 77.6 116.4



#33
Benzene
Concen: 0.639 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion: 78 Resp: 19073





#34

Trichloroethene

Concen: 0.624 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5278

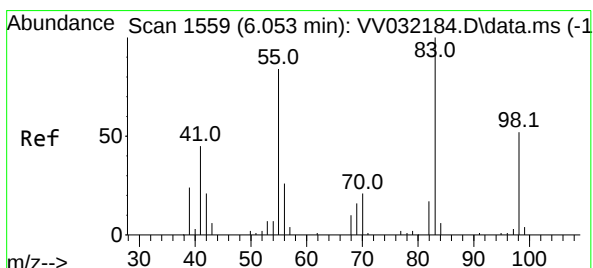
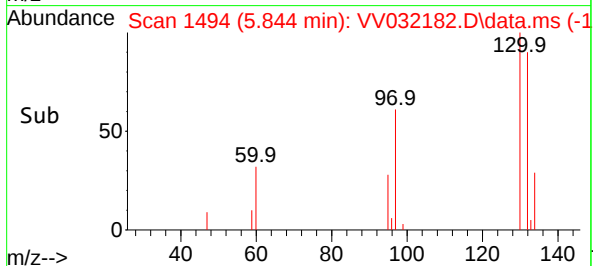
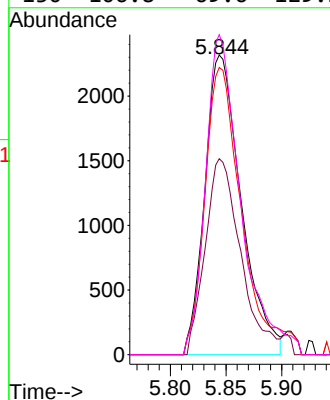
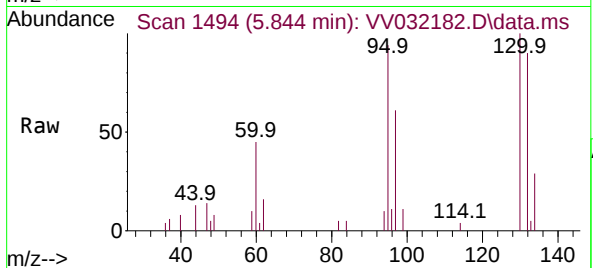
Ion Ratio Lower Upper

95 100

97 65.4 45.7 84.9

132 95.8 70.3 130.5

130 106.8 69.6 129.2



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

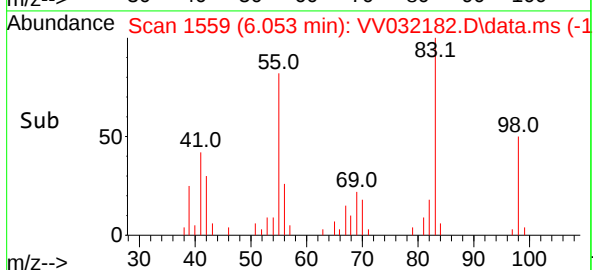
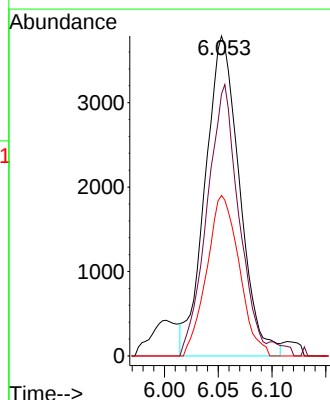
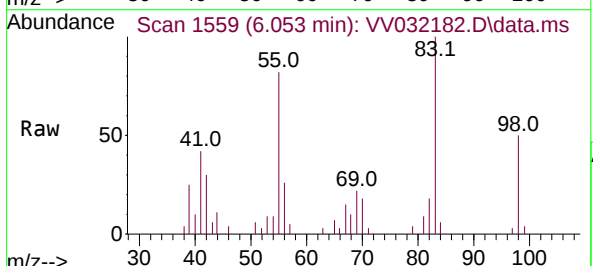
Tgt Ion: 83 Resp: 8389

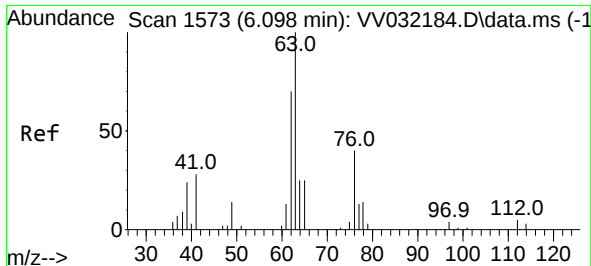
Ion Ratio Lower Upper

83 100

55 78.7 64.2 96.2

98 47.6 39.6 59.4





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

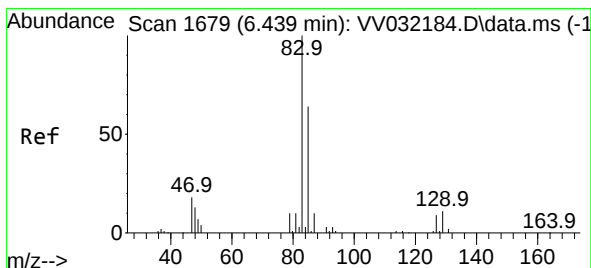
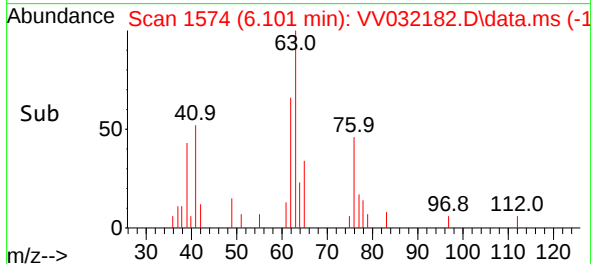
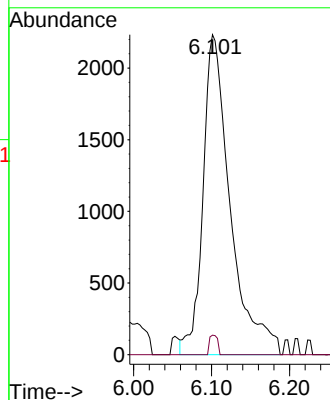
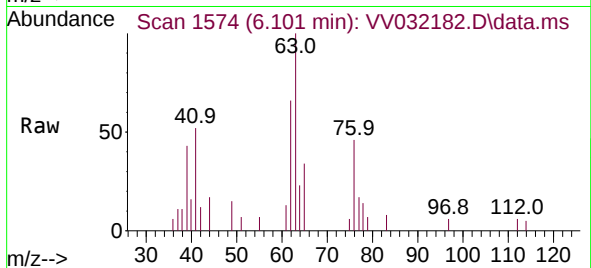
ClientSampleId :

Tgt Ion: 63 Resp: 5432

Ion Ratio Lower Upper

63 100

112 1.8 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.536 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

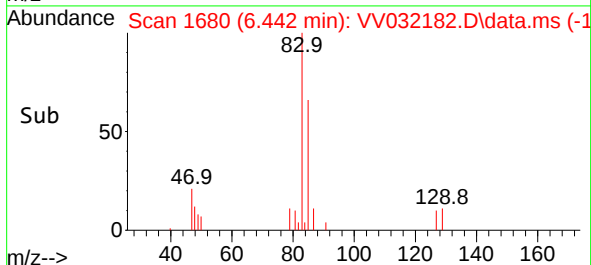
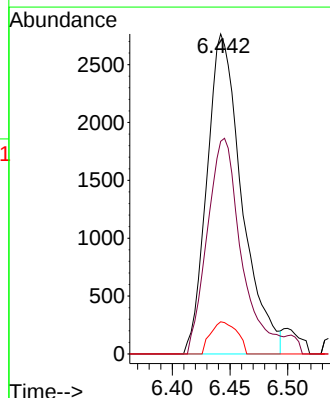
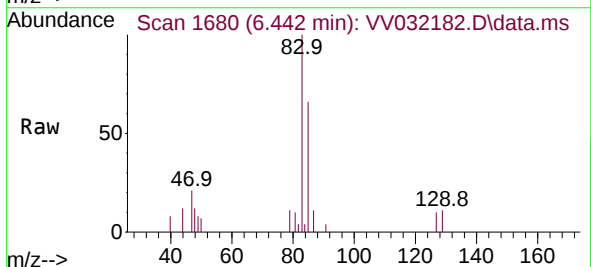
Tgt Ion: 83 Resp: 5810

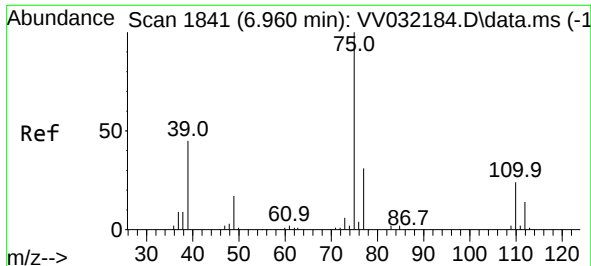
Ion Ratio Lower Upper

83 100

85 66.4 44.9 83.3

127 10.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 6.972 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

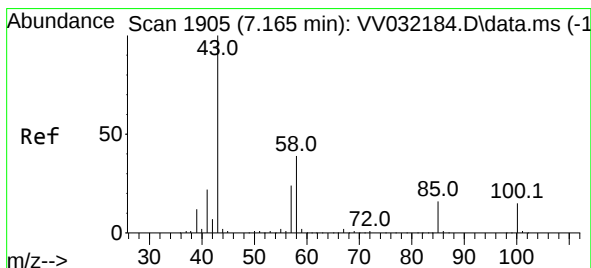
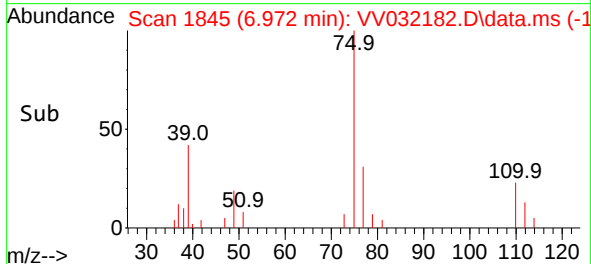
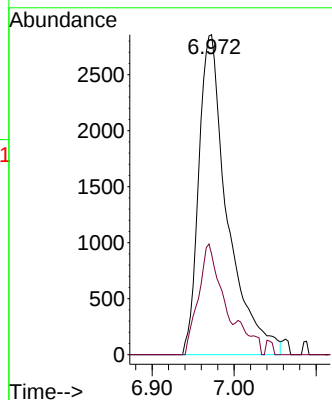
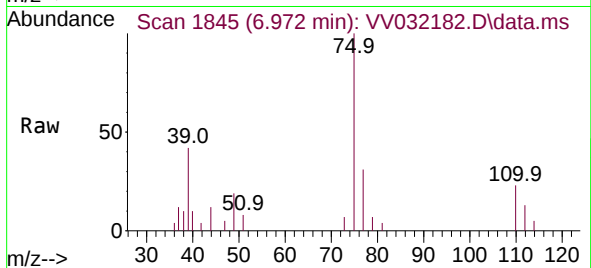
ClientSampleId :

Tgt Ion: 75 Resp: 6923

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 6.709 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

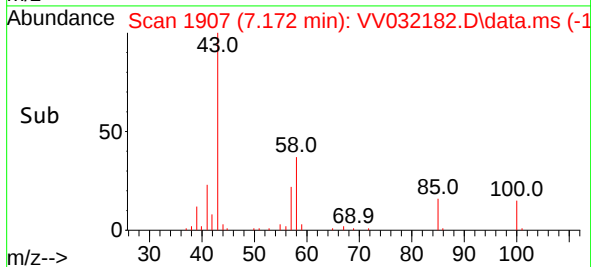
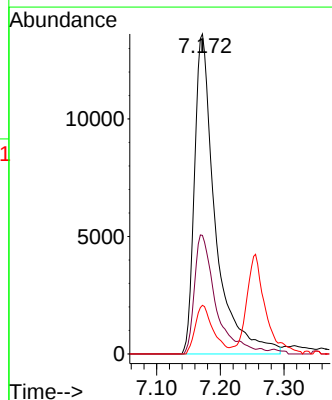
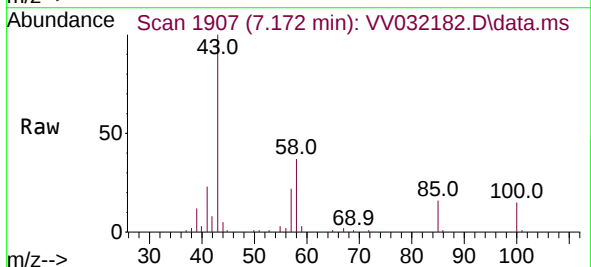
Tgt Ion: 43 Resp: 31026

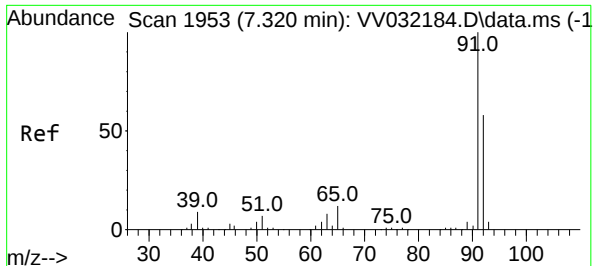
Ion Ratio Lower Upper

43 100

58 37.6 31.9 47.9

100 13.1 11.3 16.9





#42

Toluene

Concen: 0.681 ug/L

RT: 7.326 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

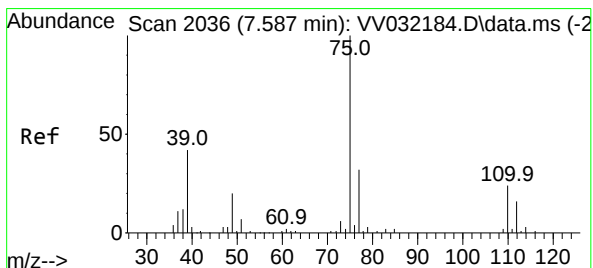
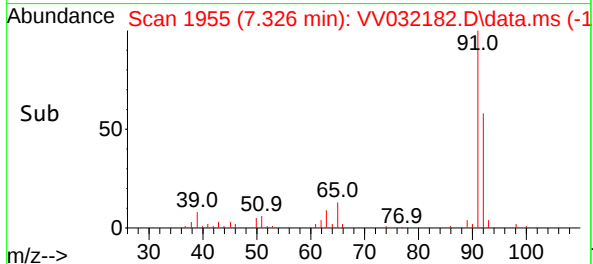
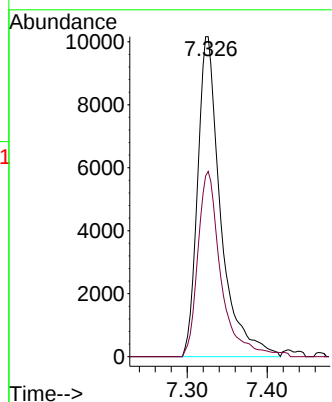
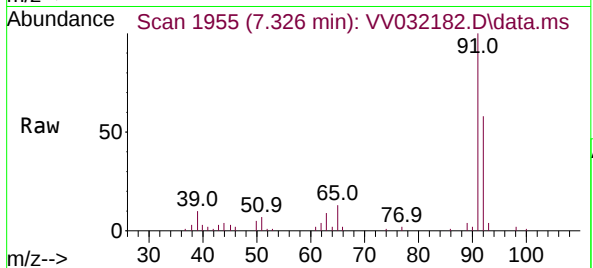
ClientSampleId :

Tgt Ion: 91 Resp: 20376

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.604 ug/L

RT: 7.599 min Scan# 2040

Delta R.T. 0.013 min

Lab File: VV032182.D

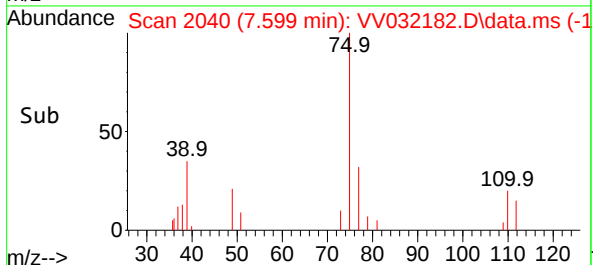
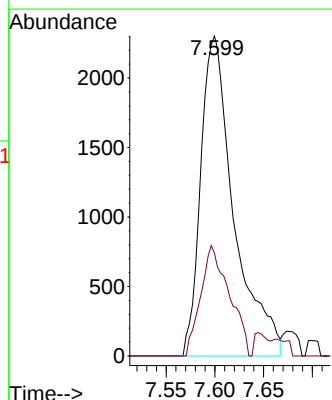
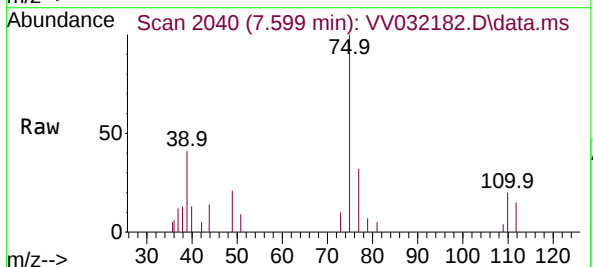
Acq: 29 Sep 2023 09:58

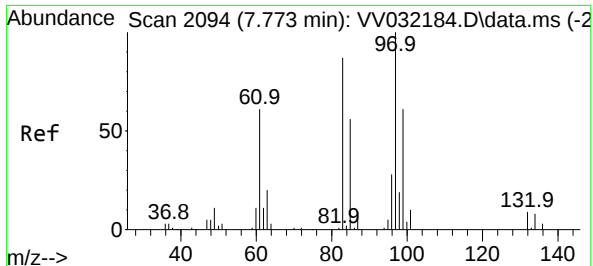
Tgt Ion: 75 Resp: 5459

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 0.604 ug/L

RT: 7.780 min Scan# 2094

Delta R.T. 0.006 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 3759

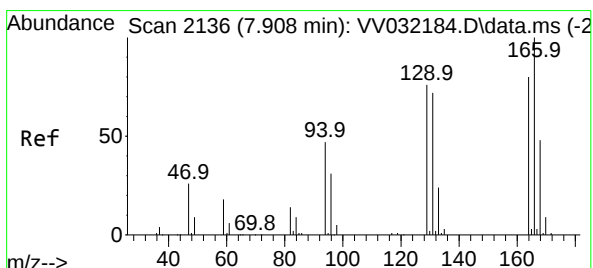
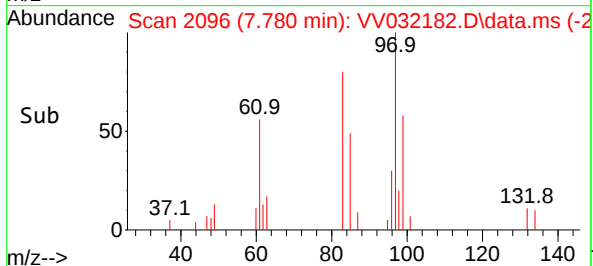
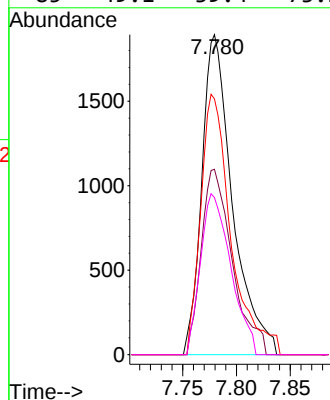
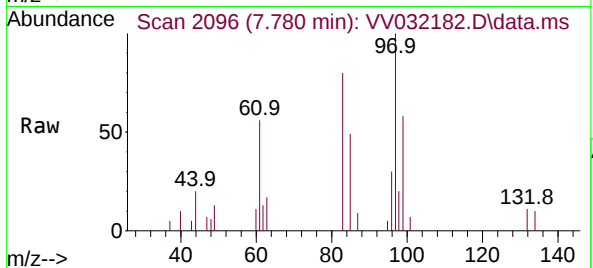
Ion Ratio Lower Upper

97 100

99 58.0 42.8 79.4

83 79.9 60.9 113.1

85 49.1 39.4 73.2



#47

Tetrachloroethene

Concen: 0.679 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Tgt Ion:164 Resp: 4197

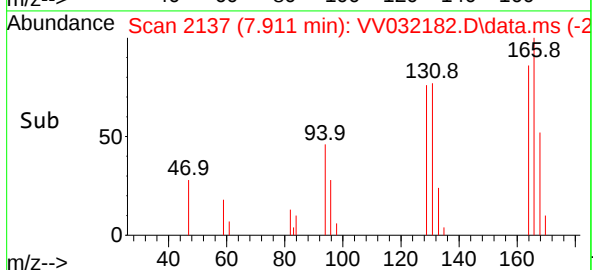
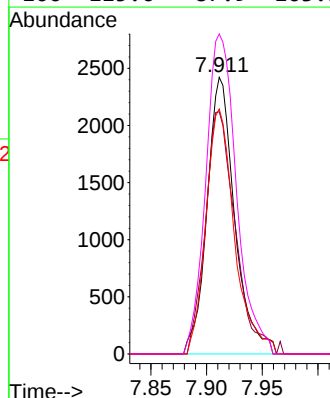
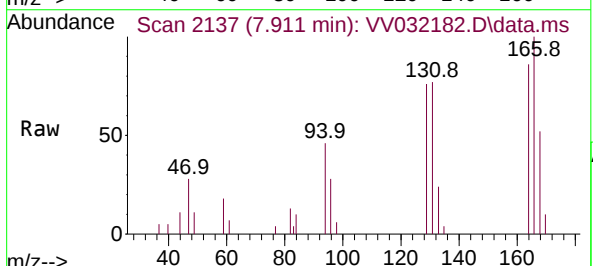
Ion Ratio Lower Upper

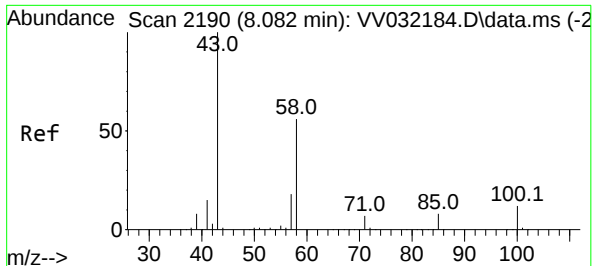
164 100

129 87.6 66.4 123.4

131 88.5 63.7 118.3

166 115.6 87.9 163.3

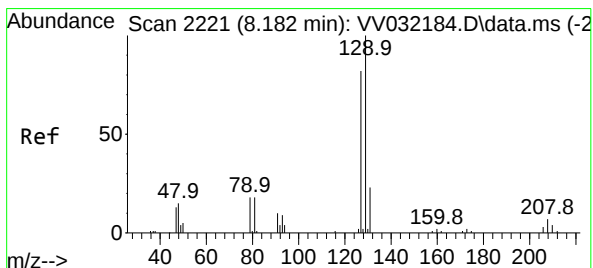
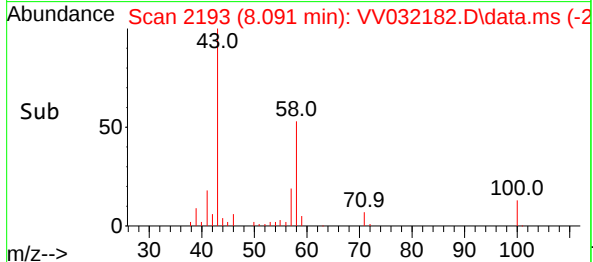
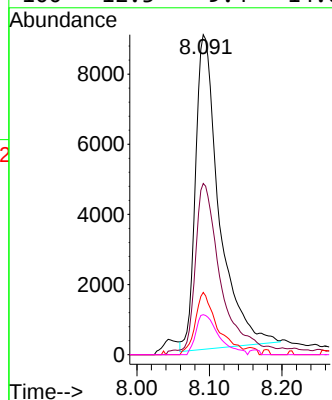
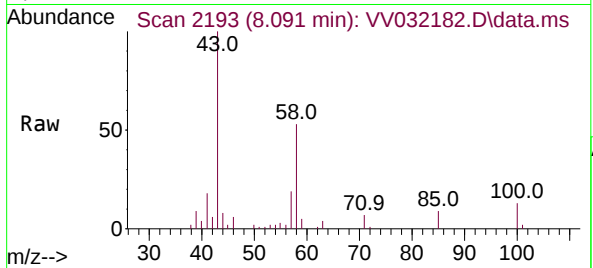




#48
2-Hexanone
Concen: 5.769 ug/L
RT: 8.091 min Scan# 2190
Delta R.T. 0.010 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

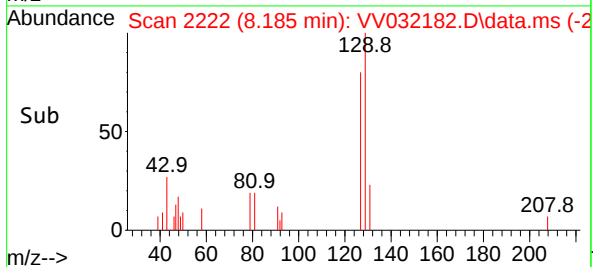
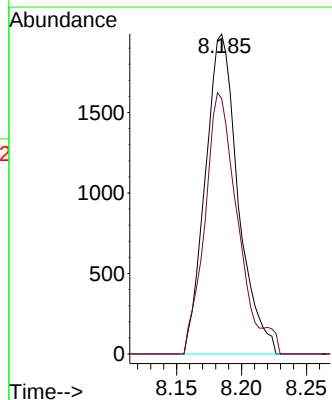
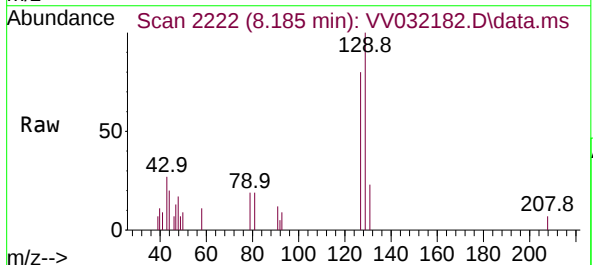
Instrument :
MSVOA_V
ClientSampleId :

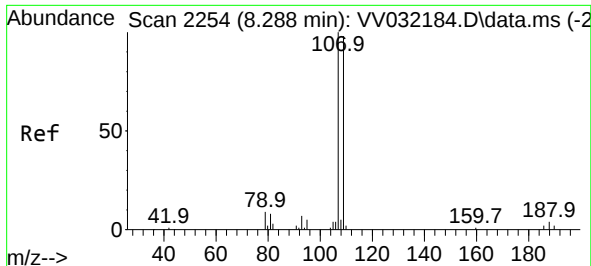
Tgt Ion: 43	Resp: 20356
Ion Ratio	Lower Upper
43 100	
58 59.6	43.6 65.4
57 18.6	14.6 22.0
100 12.3	9.4 14.0



#49
Dibromochloromethane
Concen: 0.507 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion: 129	Resp: 3487
Ion Ratio	Lower Upper
129 100	
127 79.8	57.2 106.2





#50

1,2-Dibromoethane

Concen: 0.599 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

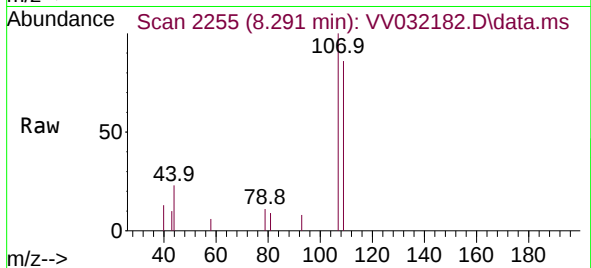
Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

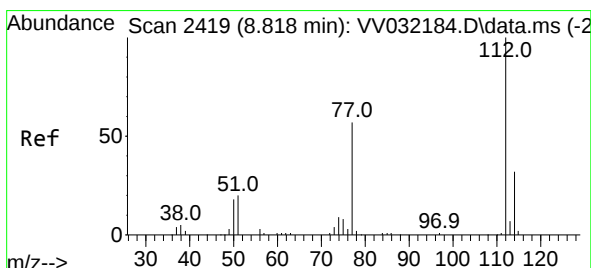
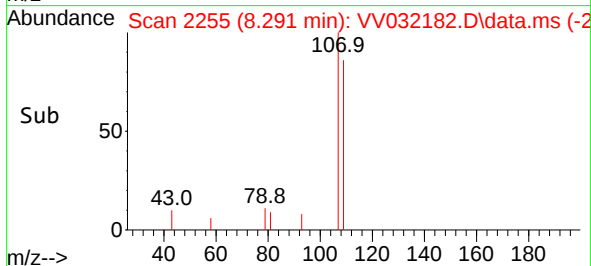
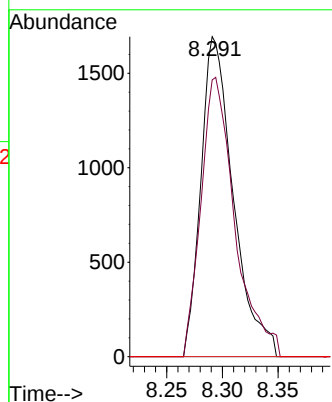
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	3430
Ion	Ratio	Lower	Upper
107	100		
109	86.5	68.4	127.0
188	0.0	3.2	4.8#



#51

Chlorobenzene

Concen: 0.673 ug/L

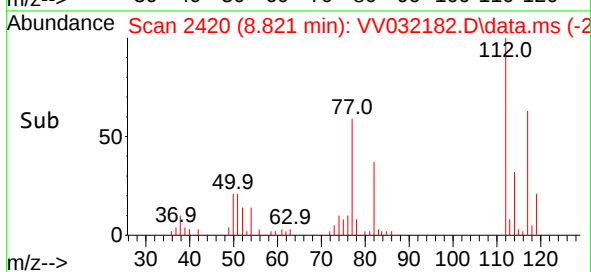
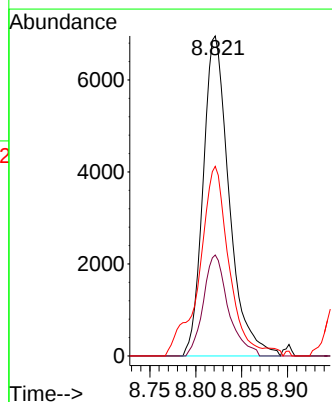
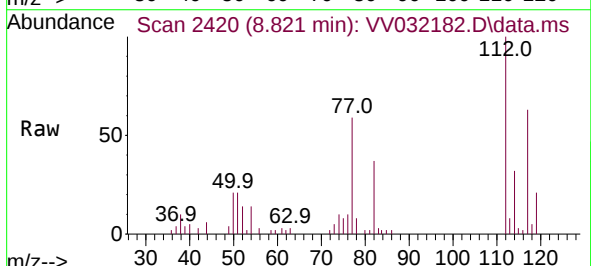
RT: 8.821 min Scan# 2420

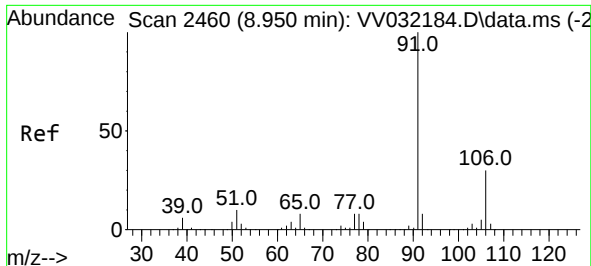
Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Tgt Ion:	112	Resp:	13723
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.1	41.1
77	59.2	46.1	69.1

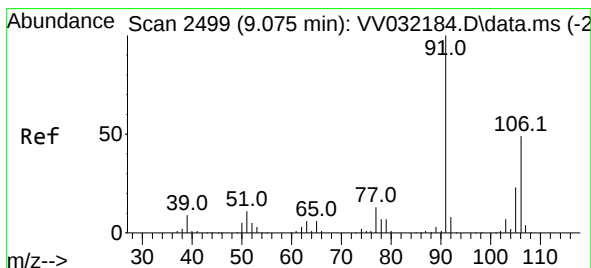
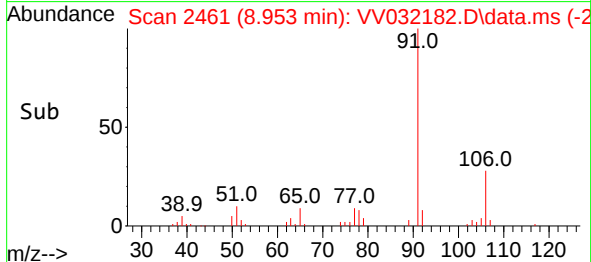
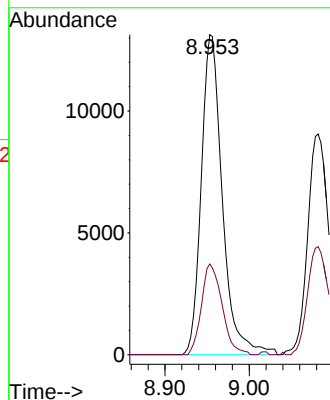
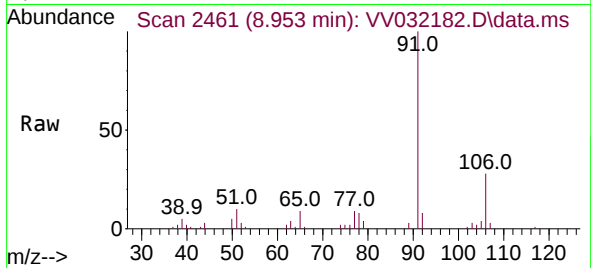




#52
Ethylbenzene
Concen: 0.732 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

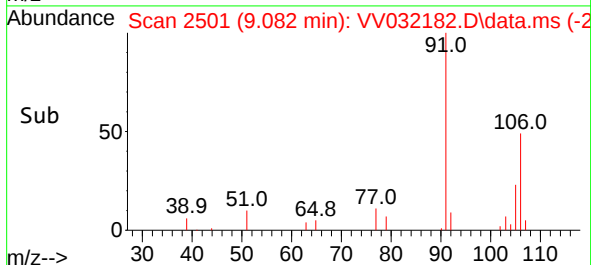
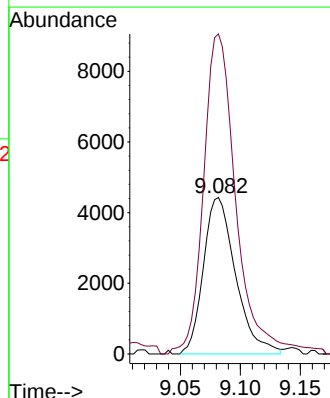
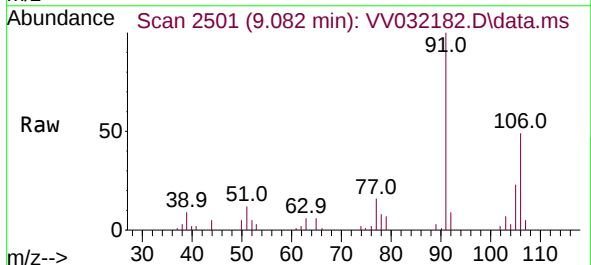
Instrument :
MSVOA_V
ClientSampleId :

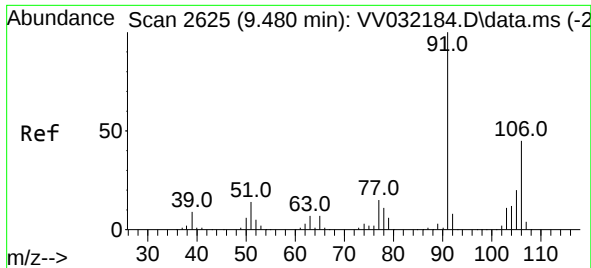
Tgt Ion: 91 Resp: 22861
Ion Ratio Lower Upper
91 100
106 28.3 21.3 39.5



#53
m,p-Xylene
Concen: 0.727 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion: 106 Resp: 8287
Ion Ratio Lower Upper
106 100
91 204.4 144.5 268.3

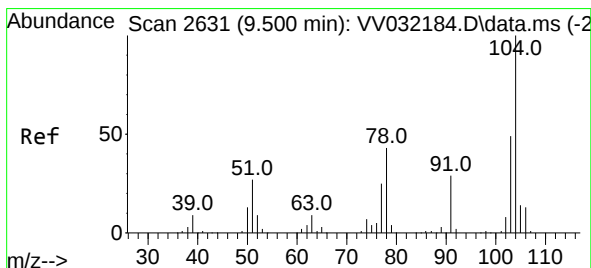
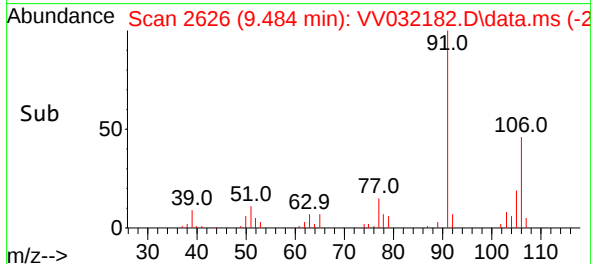
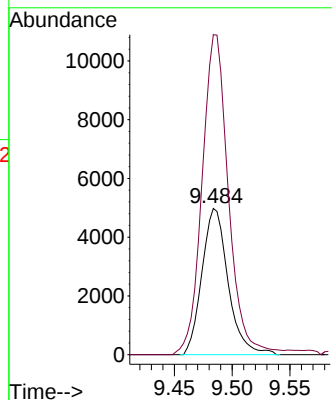
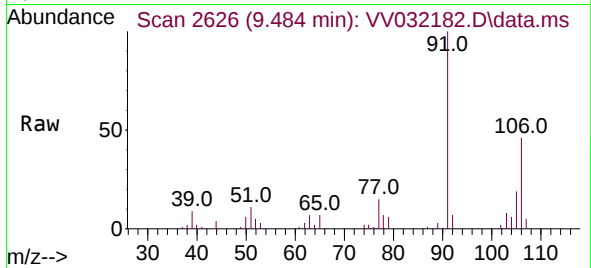




#54
o-Xylene
Concen: 0.724 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

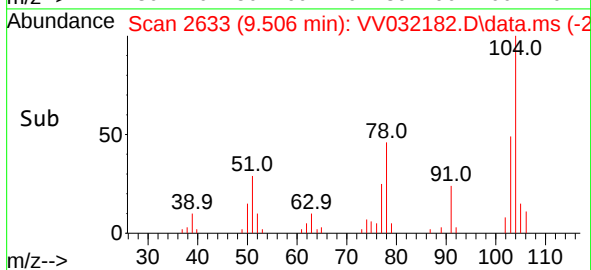
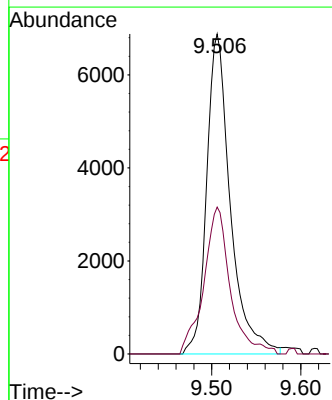
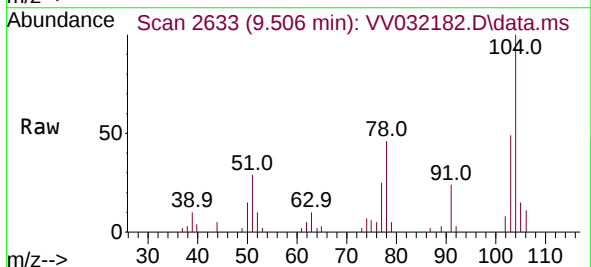
Instrument :
MSVOA_V
ClientSampleId :

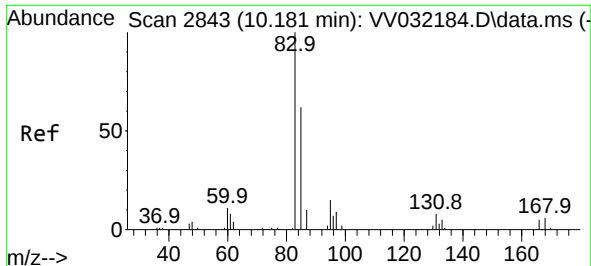
Tgt Ion:106 Resp: 7844
Ion Ratio Lower Upper
106 100
91 218.7 154.8 287.4



#55
Styrene
Concen: 0.653 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.006 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion:104 Resp: 12670
Ion Ratio Lower Upper
104 100
78 45.9 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.621 ug/L

RT: 10.188 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV032182.D

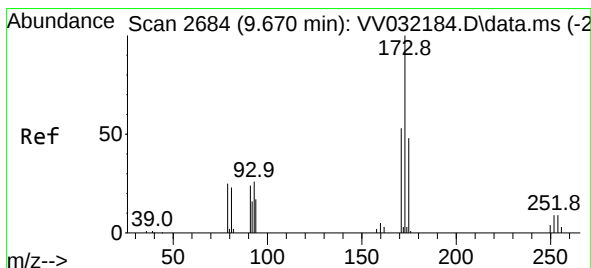
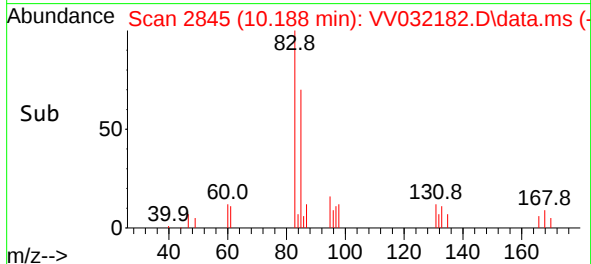
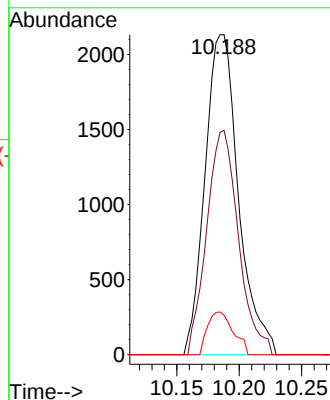
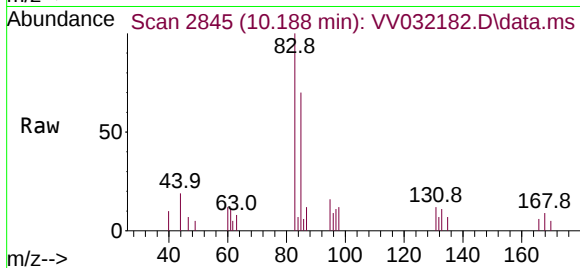
Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	3981
Ion	Ratio	Lower	Upper
83	100		
85	70.1	43.6	81.0
131	12.3	7.0	10.6



#59

Bromoform

Concen: 0.550 ug/L

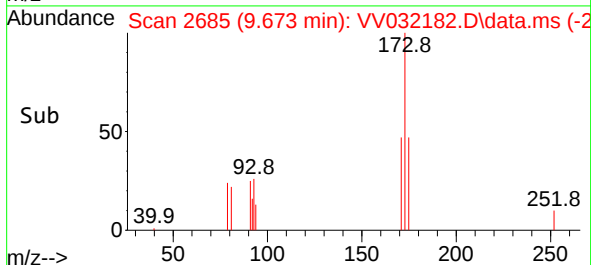
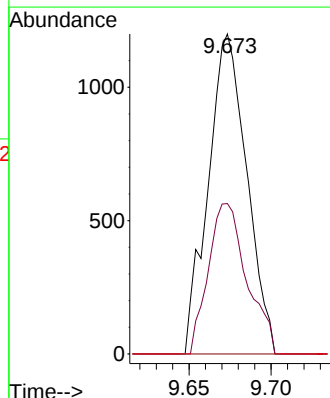
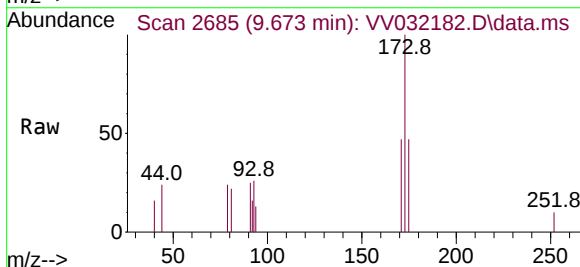
RT: 9.673 min Scan# 2685

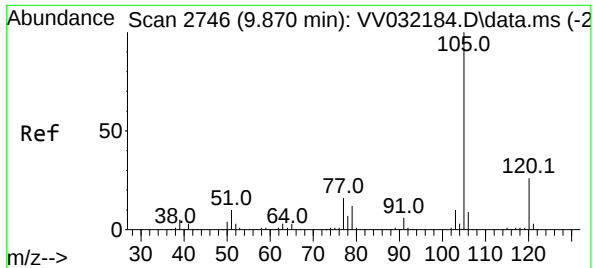
Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

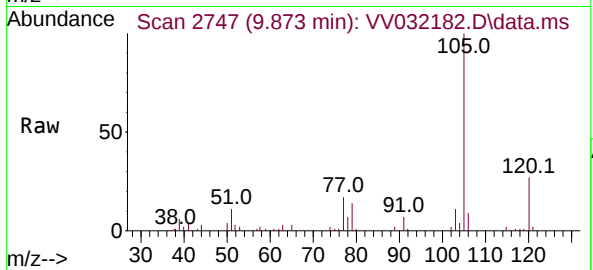
Tgt Ion:	173	Resp:	1958
Ion	Ratio	Lower	Upper
173	100		
175	47.0	38.2	57.2
254	0.0	7.0	10.4



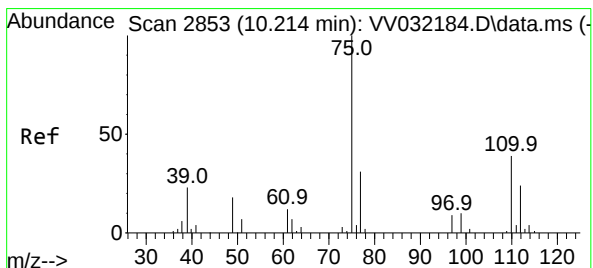
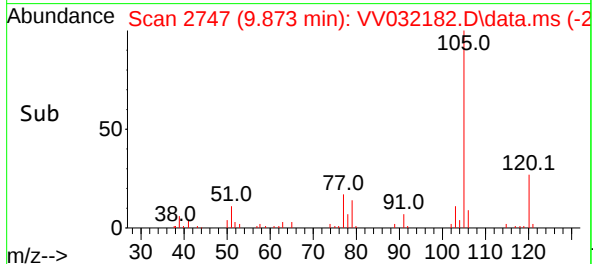
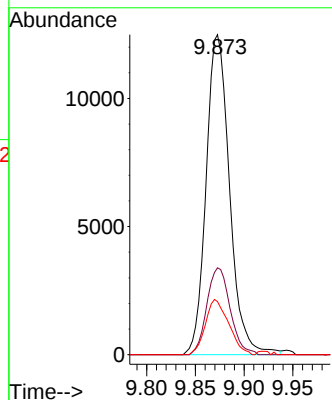


#60
Isopropylbenzene
Concen: 0.756 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Instrument :
MSVOA_V
ClientSampleId :

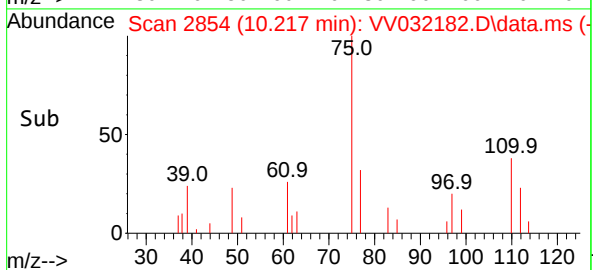
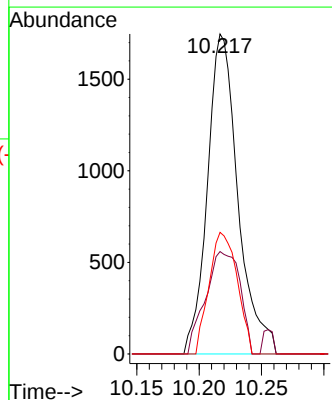
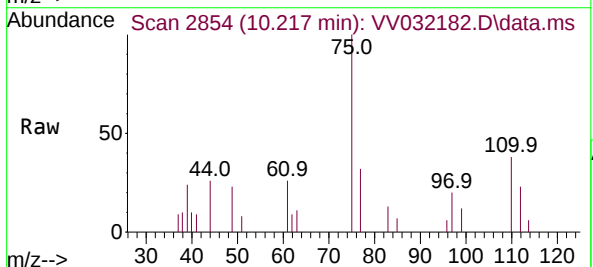


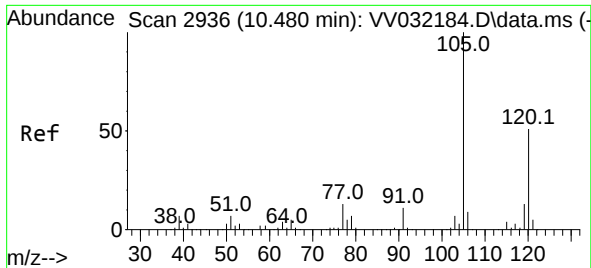
Tgt Ion:105 Resp: 20928
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 17.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.587 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.003 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion: 75 Resp: 2977
Ion Ratio Lower Upper
75 100
77 36.0 26.2 39.2
110 34.9 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 0.758 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

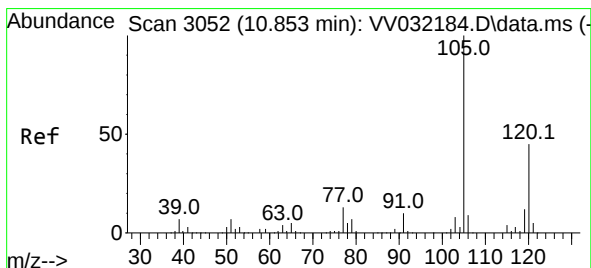
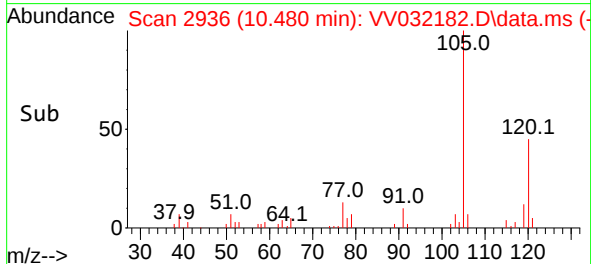
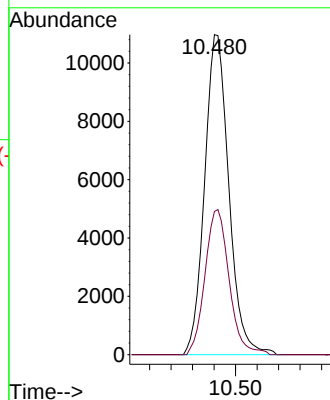
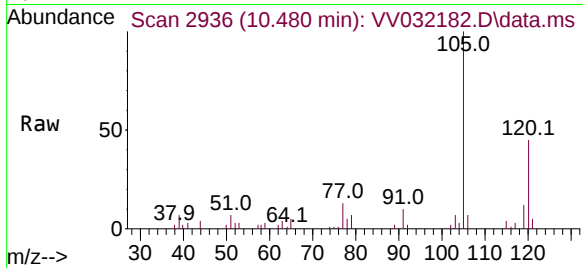
ClientSampleId :

Tgt Ion:105 Resp: 17180

Ion Ratio Lower Upper

105 100

120 45.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.730 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032182.D

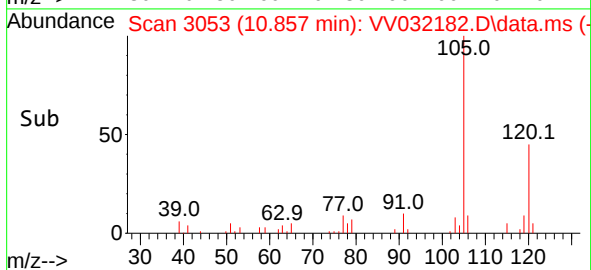
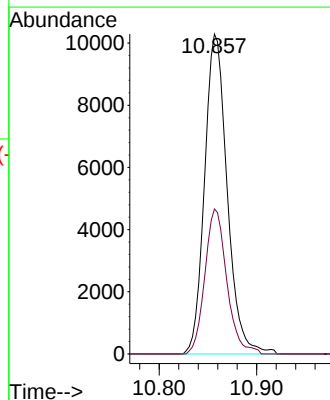
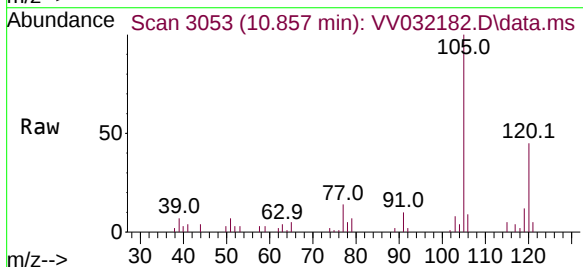
Acq: 29 Sep 2023 09:58

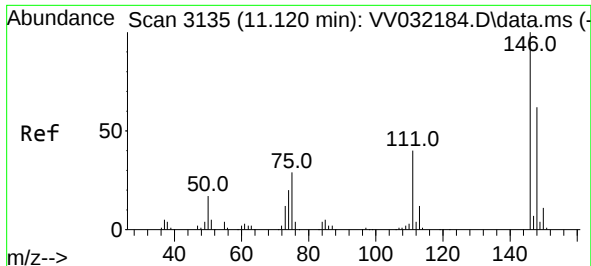
Tgt Ion:105 Resp: 16582

Ion Ratio Lower Upper

105 100

120 43.9 36.2 54.4

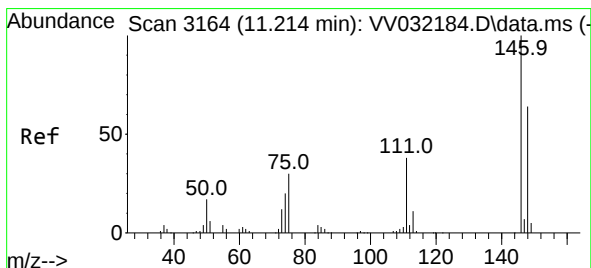
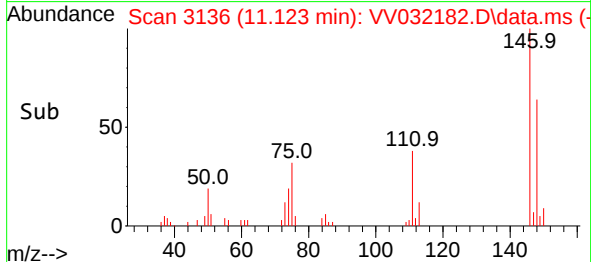
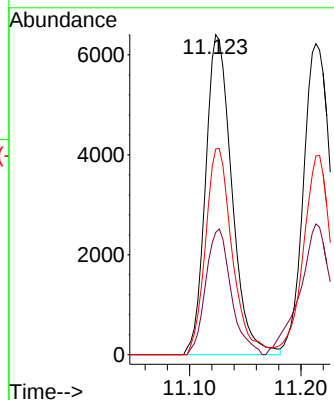
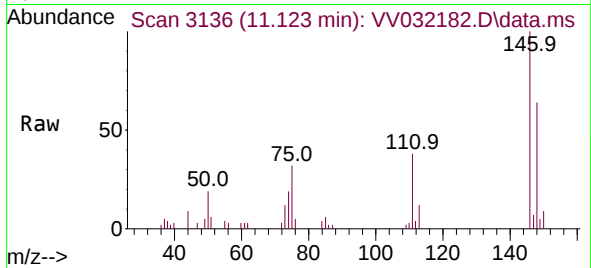




#64
1,3-Dichlorobenzene
Concen: 0.701 ug/L
RT: 11.123 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

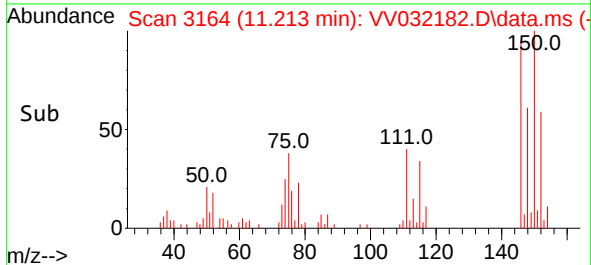
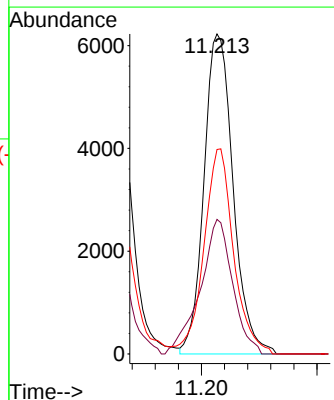
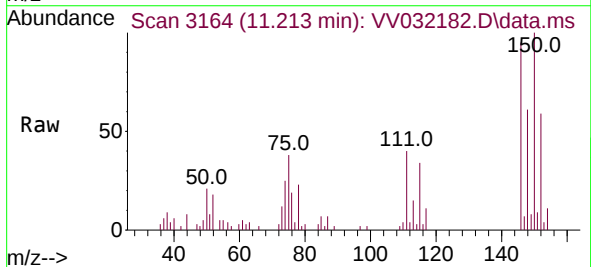
Instrument :
MSVOA_V
ClientSampleId :

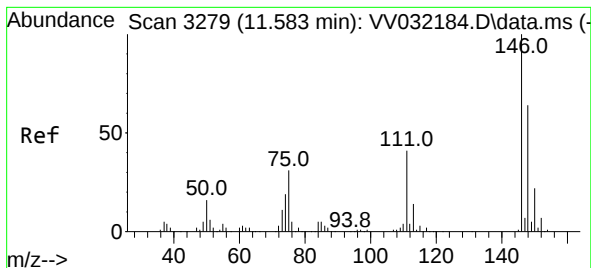
Tgt Ion:146 Resp: 10515
Ion Ratio Lower Upper
146 100
111 38.2 27.8 51.6
148 64.3 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 0.720 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV032182.D
Acq: 29 Sep 2023 09:58

Tgt Ion:146 Resp: 10909
Ion Ratio Lower Upper
146 100
111 42.0 26.9 49.9
148 63.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.693 ug/L

RT: 11.586 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

ClientSampleId :

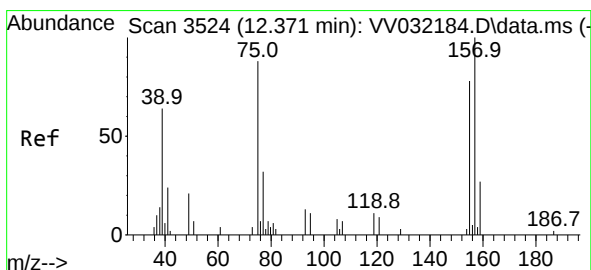
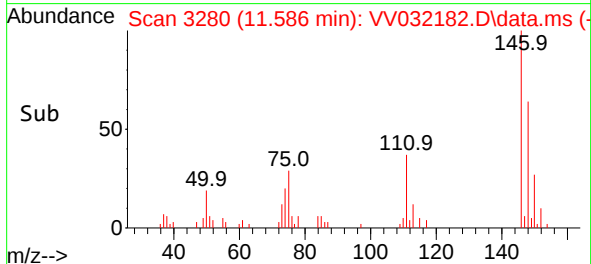
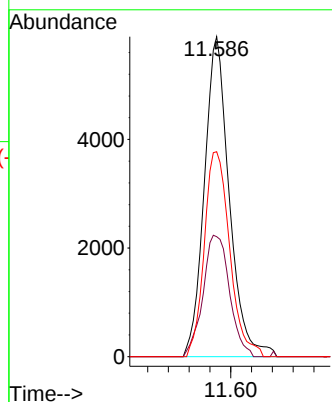
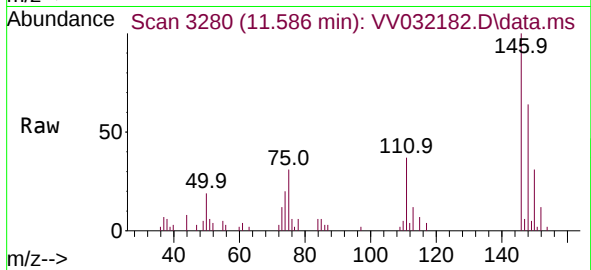
Tgt Ion:146 Resp: 9811

Ion Ratio Lower Upper

146 100

111 37.5 32.8 49.2

148 64.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.560 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

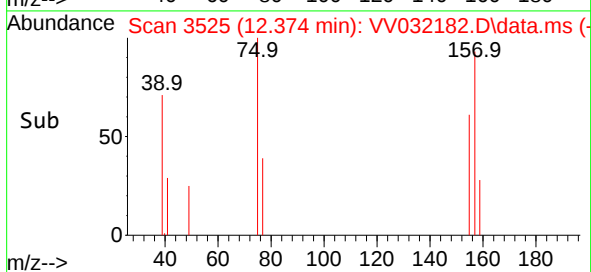
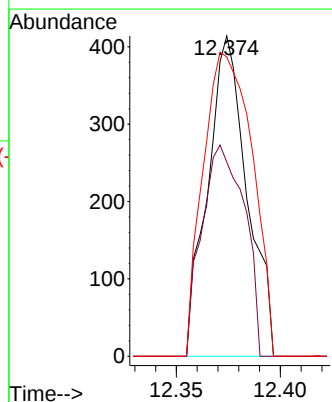
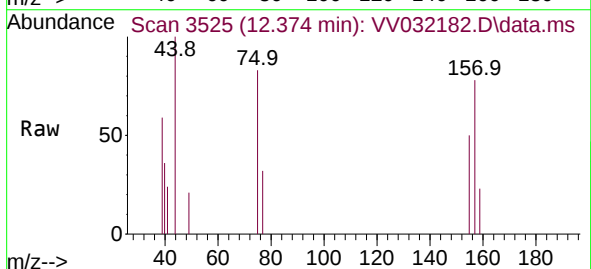
Tgt Ion: 75 Resp: 546

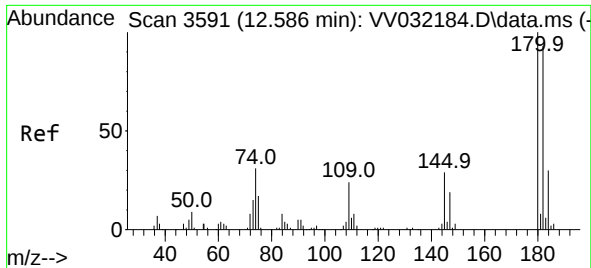
Ion Ratio Lower Upper

75 100

155 60.6 70.2 105.4#

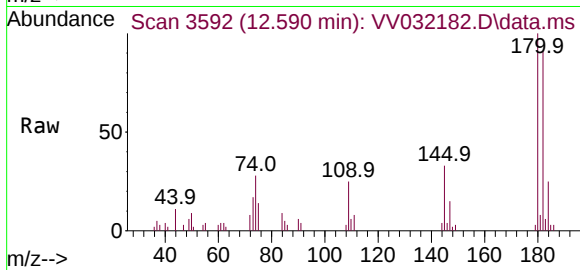
157 93.5 90.6 135.8



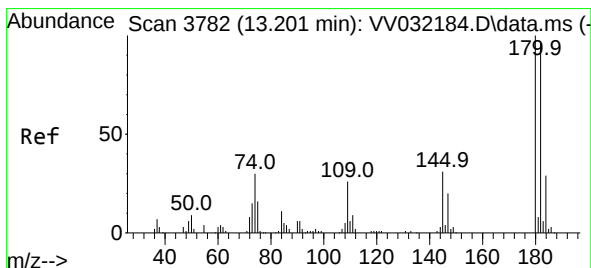
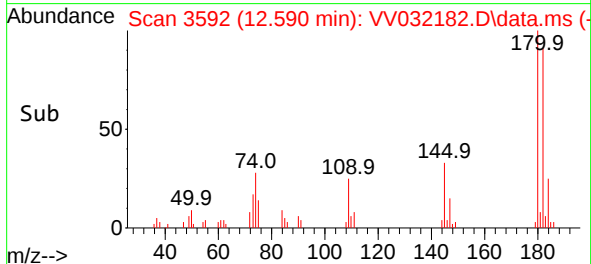
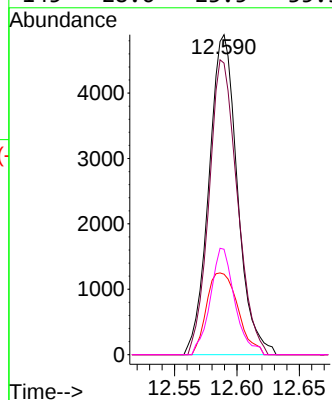


#69
 1,3,5-Trichlorobenzene
 Concen: 0.717 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.003 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

Instrument :
 MSVOA_V
 ClientSampleId :

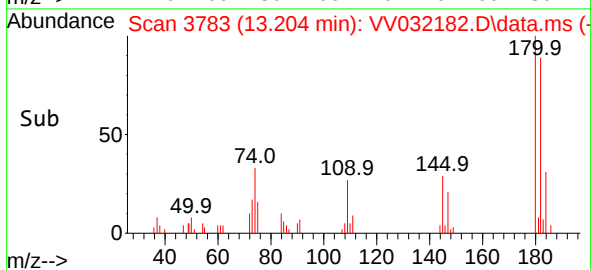
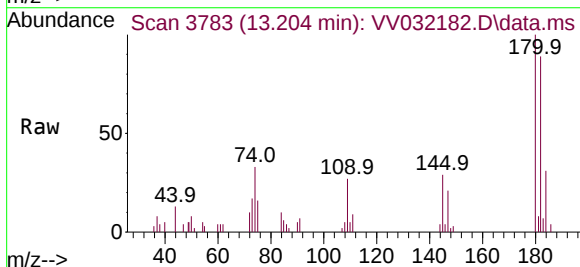
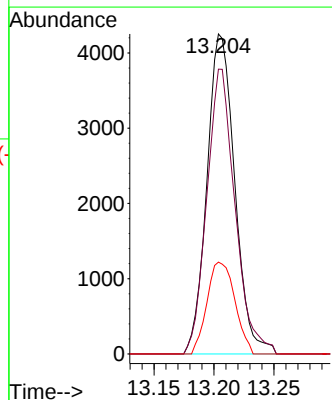


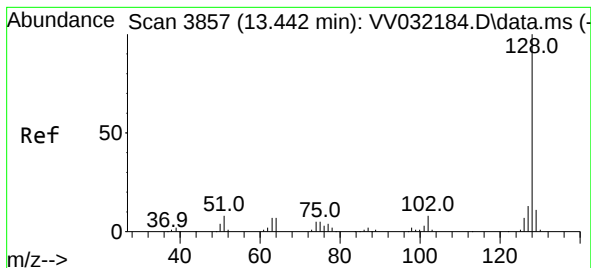
Tgt Ion:180 Resp: 7777
 Ion Ratio Lower Upper
 180 100
 182 91.1 74.6 112.0
 184 28.2 24.1 36.1
 145 28.6 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 0.734 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.003 min
 Lab File: VV032182.D
 Acq: 29 Sep 2023 09:58

Tgt Ion:180 Resp: 6867
 Ion Ratio Lower Upper
 180 100
 182 90.2 76.5 114.7
 145 28.6 24.3 36.5





#71

Naphthalene

Concen: 0.830 ug/L

RT: 13.448 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Instrument :

MSVOA_V

ClientSampleId :

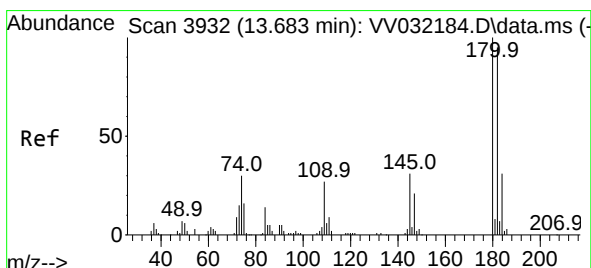
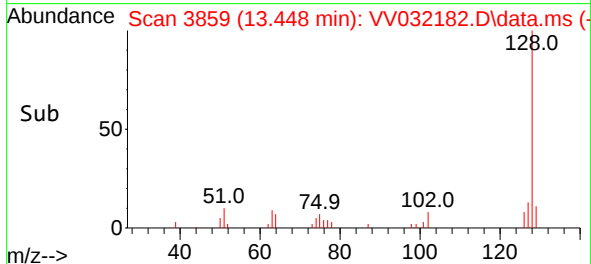
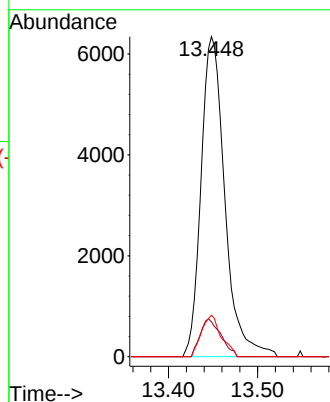
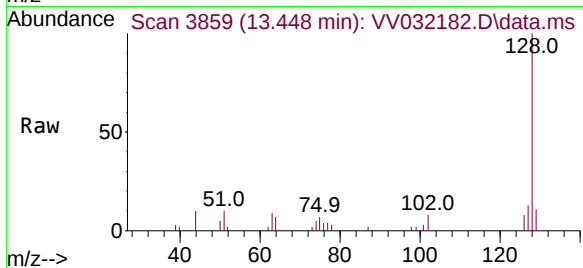
Tgt Ion:128 Resp: 11759

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.4

127 10.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 0.718 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

Lab File: VV032182.D

Acq: 29 Sep 2023 09:58

Tgt Ion:180 Resp: 5971

Ion Ratio Lower Upper

180 100

182 90.8 77.0 115.4

145 30.0 25.7 38.5

