

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035194.D
 Acq On : 15 Apr 2024 12:17
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 15 23:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	205998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	206570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	94809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8757	0.644	ug/L	0.00
7) Chloroethane-d5	1.532	69	6774	0.588	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	3709	0.609	ug/L	0.00
20) 2-Butanone-d5	3.928	46	3225	1.027	ug/L	0.12
24) Chloroform-d	4.262	84	13049	0.512	ug/L	0.01
26) 1,2-Dichloroethane-d4	4.963	65	5824	0.458	ug/L	0.02
32) Benzene-d6	4.973	84	23092	0.466	ug/L	0.01
36) 1,2-Dichloropropane-d6	6.005	67	9403	0.632	ug/L	0.02
41) Toluene-d8	7.249	98	19300	0.429	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	2119	0.387	ug/L	0.02
46) 2-Hexanone-d5	8.053	63	6561	2.287	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.156	84	6000	0.512	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	7601	0.507	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	9592	0.664	ug/L	98
3) Chloromethane	1.214	50	11882	0.703	ug/L	95
5) Vinyl chloride	1.281	62	10866	0.651	ug/L	96
6) Bromomethane	1.487	94	6217	0.659	ug/L	91
8) Chloroethane	1.548	64	6663	0.577	ug/L	98
9) Trichlorofluoromethane	1.712	101	12425	0.489	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8111	0.575	ug/L	97
12) 1,1-Dichloroethene	2.069	96	7498	0.556	ug/L	88
13) Acetone	2.153	43	1585	0.527	ug/L	62
14) Carbon disulfide	2.240	76	22975	0.608	ug/L	100
15) Methyl Acetate	2.394	43	1891	0.351	ug/L	97
16) Methylene chloride	2.449	84	12537	0.803	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	15399	0.457	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	7858	0.572	ug/L	98
19) 1,1-Dichloroethane	3.114	63	15206	0.568	ug/L	98
21) 2-Butanone	4.008	43	1336	0.391	ug/L	94
22) cis-1,2-Dichloroethene	3.834	96	7031	0.473	ug/L	83
23) Bromochloromethane	4.162	128	3611	0.579	ug/L	97
25) Chloroform	4.285	83	15425	0.564	ug/L	100
27) 1,2-Dichloroethane	5.059	62	7814	0.475	ug/L #	95
29) 1,1,1-Trichloroethane	4.513	97	12492	0.478	ug/L	98
30) Cyclohexane	4.580	56	10225	0.444	ug/L	100
31) Carbon tetrachloride	4.738	117	10631	0.472	ug/L	98
33) Benzene	5.018	78	28377	0.478	ug/L	100
34) Trichloroethene	5.844	95	7655	0.495	ug/L	92
35) Methylcyclohexane	6.047	83	10538	0.434	ug/L	96
37) 1,2-Dichloropropane	6.101	63	7228	0.486	ug/L	100
38) Bromodichloromethane	6.442	83	9648	0.485	ug/L #	92
39) cis-1,3-Dichloropropene	6.973	75	8765	0.430	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	34804	3.936	ug/L #	89
42) Toluene	7.323	91	27582	0.442	ug/L	95
44) trans-1,3-Dichloropropene	7.600	75	6078	0.365	ug/L	97

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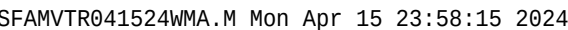
Quant Time: Apr 15 23:58:05 2024
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 Quant Title : TRACE VOA SFAM1.0
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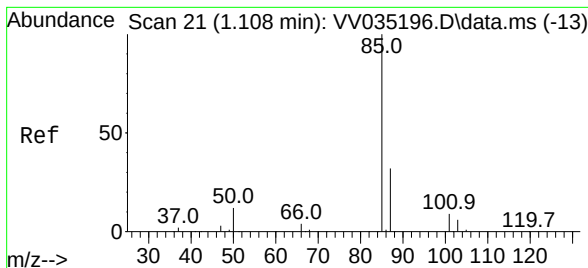
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.780	97	5484	0.543	ug/L	95
47) Tetrachloroethene	7.908	164	6855	0.566	ug/L	95
48) 2-Hexanone	8.098	43	21171	3.317	ug/L #	88
49) Dibromochloromethane	8.182	129	5542	0.485	ug/L	93
50) 1,2-Dibromoethane	8.291	107	4878	0.517	ug/L #	88
51) Chlorobenzene	8.818	112	19904	0.497	ug/L	99
52) Ethylbenzene	8.950	91	29320	0.424	ug/L	100
53) m,p-Xylene	9.079	106	10935	0.426	ug/L	88
54) o-Xylene	9.480	106	10517	0.414	ug/L	83
55) Styrene	9.503	104	15184	0.365	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	6547	0.535	ug/L	99
59) Bromoform	9.670	173	2768	0.556	ug/L #	96
60) Isopropylbenzene	9.870	105	25181	0.432	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	4779	0.619	ug/L	92
62) 1,3,5-Trimethylbenzene	10.477	105	19780	0.397	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	18198	0.363	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	14335	0.505	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	16635	0.587	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	13527	0.508	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.374	75	899	0.485	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.583	180	10685	0.489	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	9216	0.496	ug/L	99
71) Naphthalene	13.448	128	13200	0.436	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	8045	0.480	ug/L	100

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

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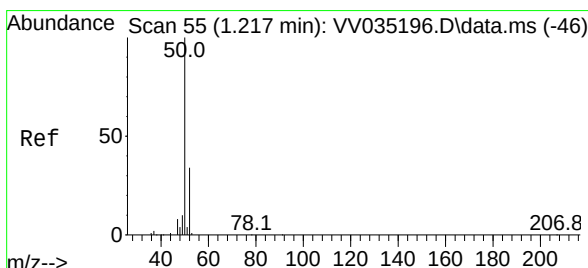
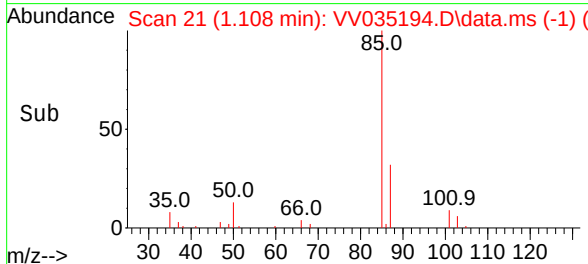
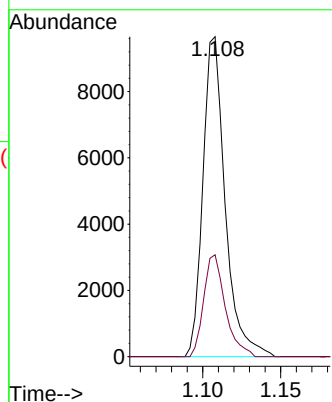
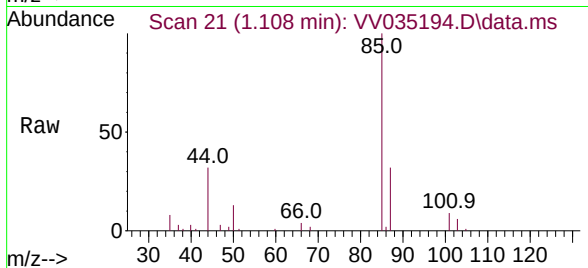




#2
 Dichlorodifluoromethane
 Concen: 0.664 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035194.D
 Acq: 15 Apr 2024 12:17

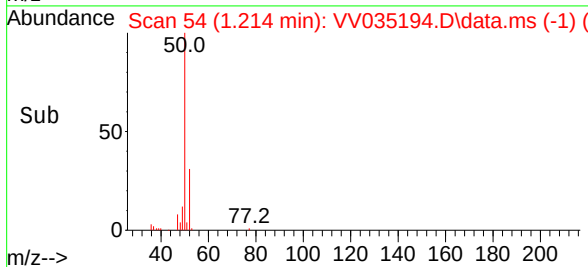
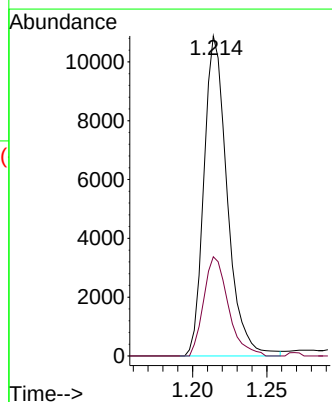
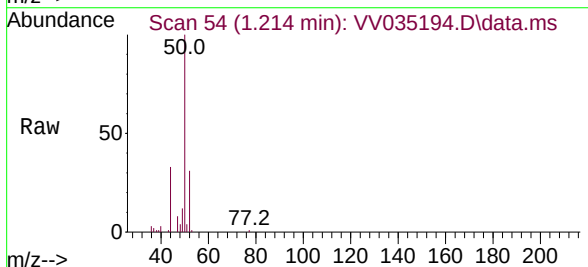
Instrument :
 MSVOA_V
 ClientSampleId :

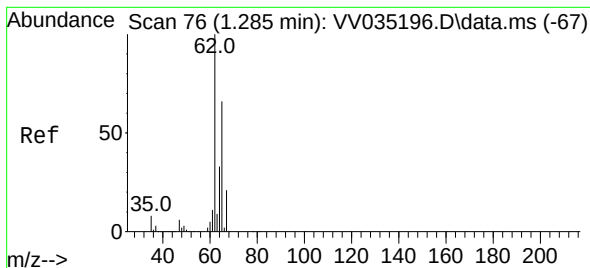
Tgt Ion: 85 Resp: 9592
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.8 38.6



#3
 Chloromethane
 Concen: 0.703 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035194.D
 Acq: 15 Apr 2024 12:17

Tgt Ion: 50 Resp: 11882
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.7 43.9





#5

Vinyl chloride

Concen: 0.651 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.003 min

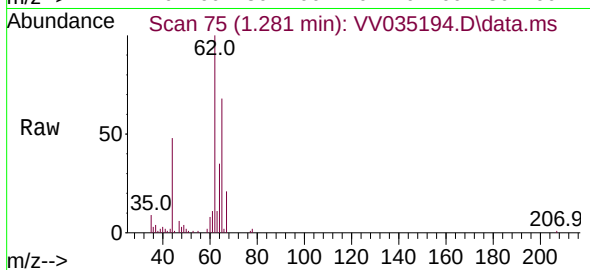
Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :

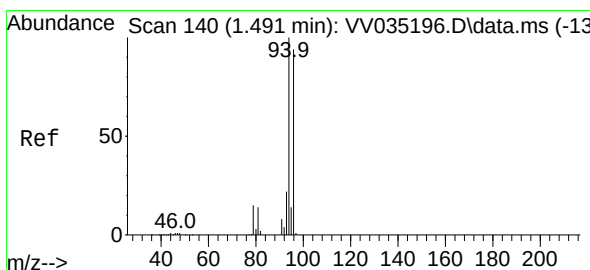
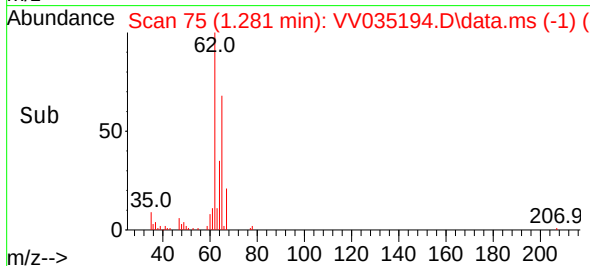
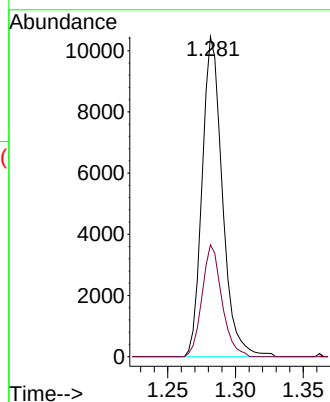


Tgt Ion: 62 Resp: 10866

Ion Ratio Lower Upper

62 100

64 34.9 22.8 42.4



#6

Bromomethane

Concen: 0.659 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV035194.D

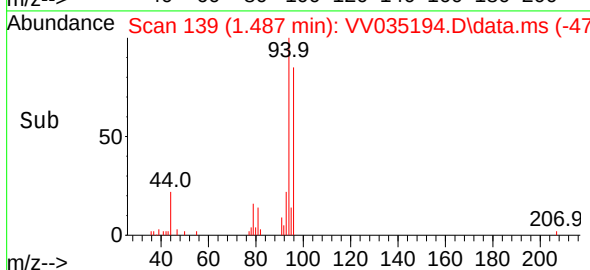
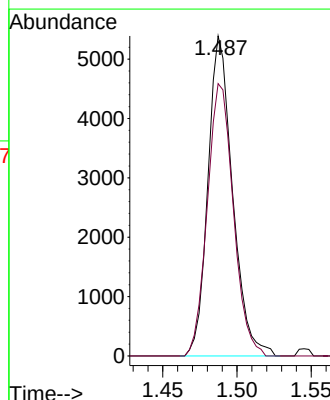
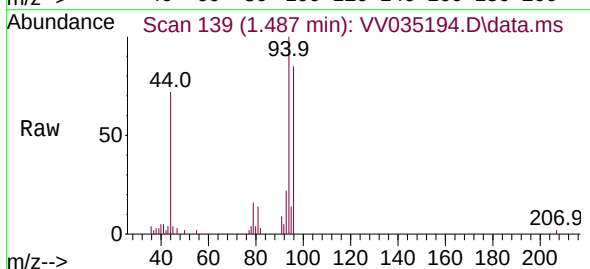
Acq: 15 Apr 2024 12:17

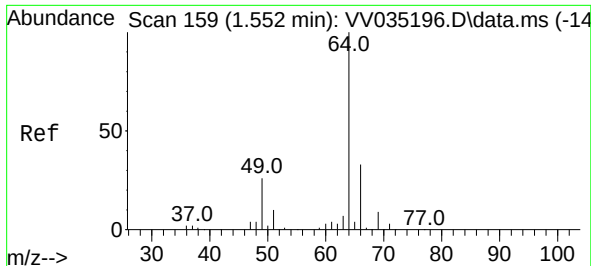
Tgt Ion: 94 Resp: 6217

Ion Ratio Lower Upper

94 100

96 85.1 65.7 122.1

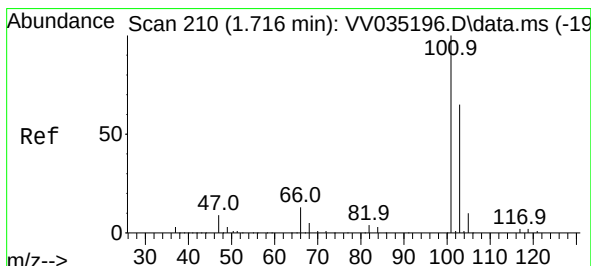
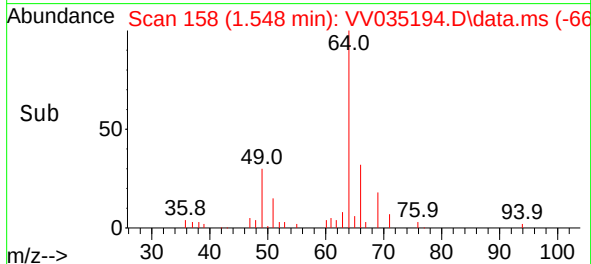
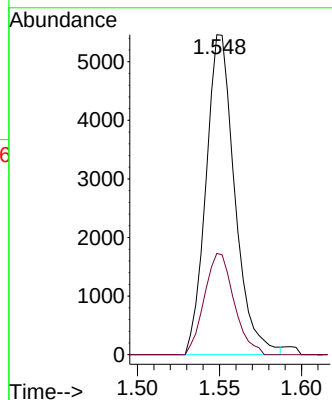
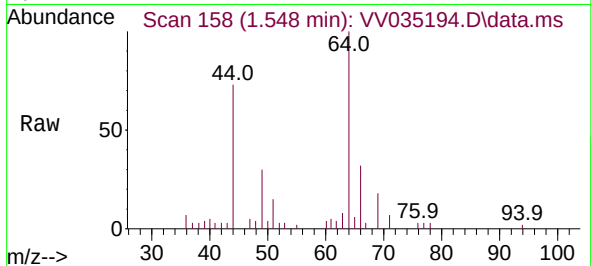




#8
Chloroethane
Concen: 0.577 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

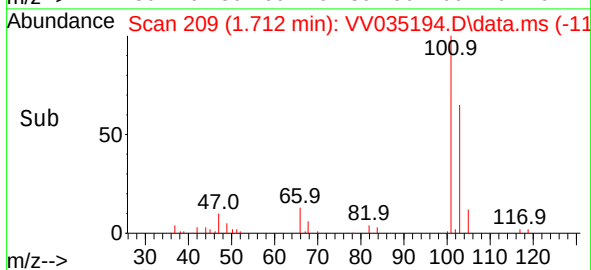
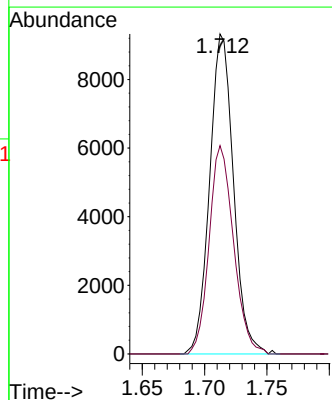
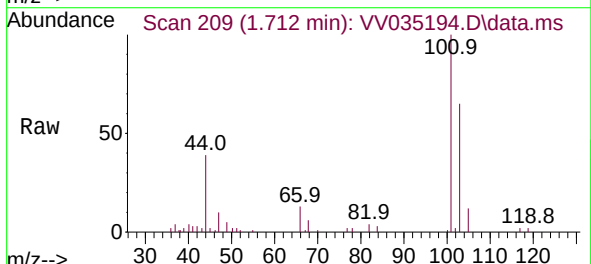
Instrument :
MSVOA_V
ClientSampleId :

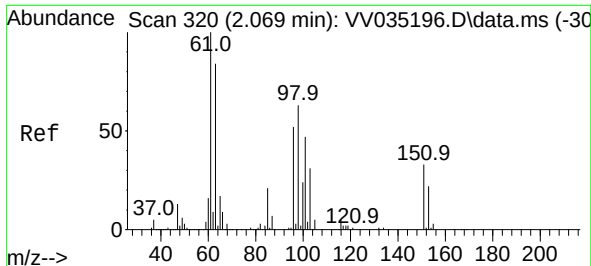
Tgt Ion: 64 Resp: 6663
Ion Ratio Lower Upper
64 100
66 31.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 0.489 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion:101 Resp: 12425
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.575 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :

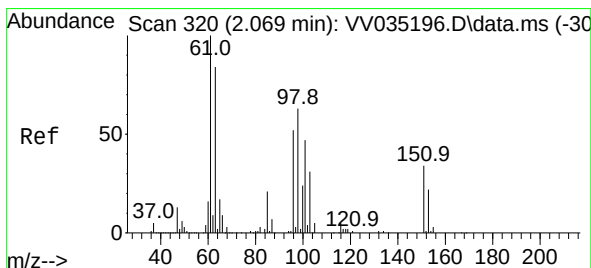
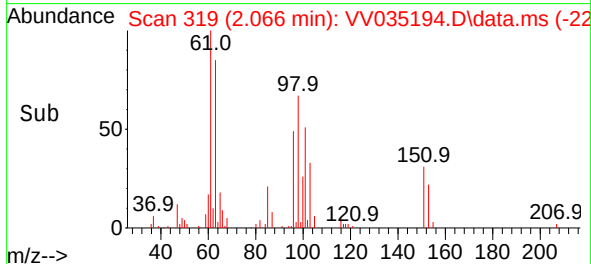
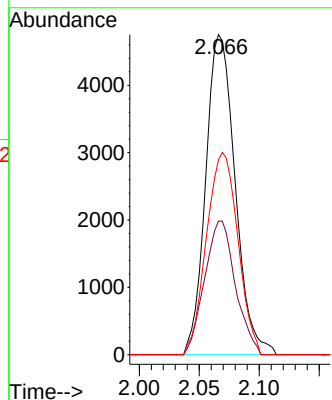
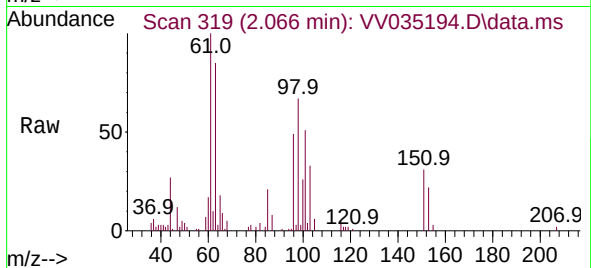
Tgt Ion:101 Resp: 8111

Ion Ratio Lower Upper

101 100

85 43.6 35.8 53.6

151 67.4 56.2 84.2



#12

1,1-Dichloroethene

Concen: 0.556 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

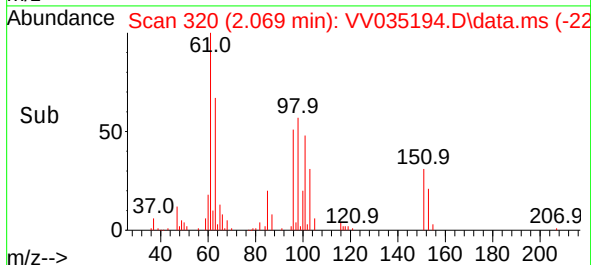
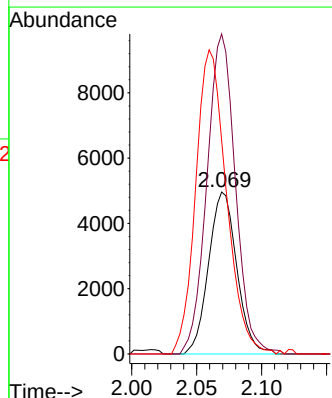
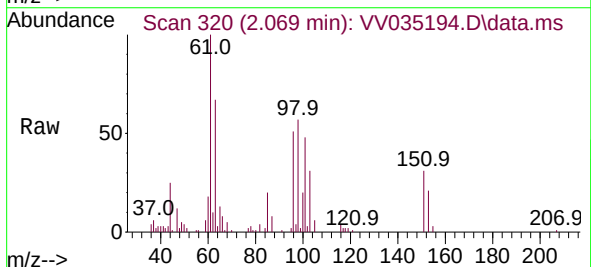
Tgt Ion: 96 Resp: 7498

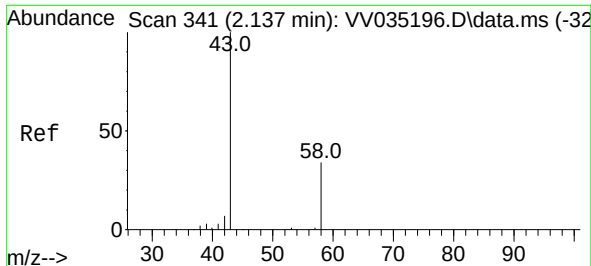
Ion Ratio Lower Upper

96 100

61 197.6 133.5 247.9

63 131.9 112.5 208.9





#13

Acetone

Concen: 0.527 ug/L

RT: 2.153 min Scan# 341

Delta R.T. 0.016 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

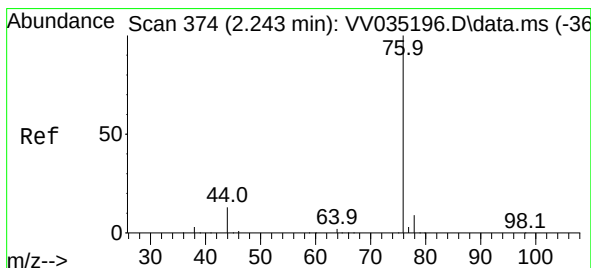
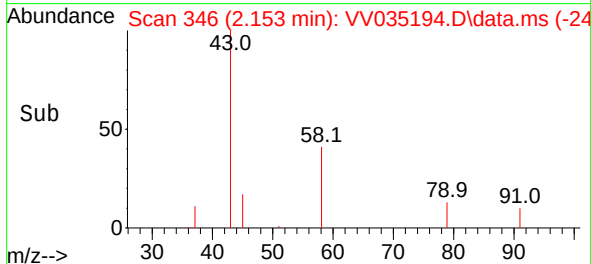
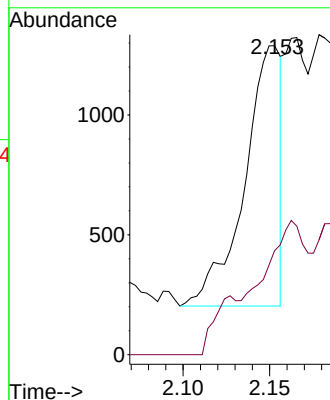
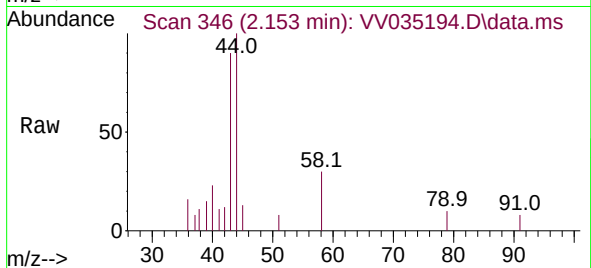
ClientSampleId :

Tgt Ion: 43 Resp: 1585

Ion Ratio Lower Upper

43 100

58 37.2 0.0 39.2



#14

Carbon disulfide

Concen: 0.608 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035194.D

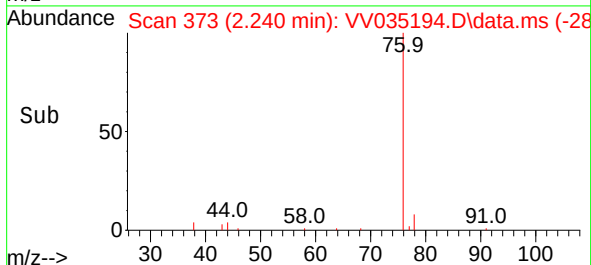
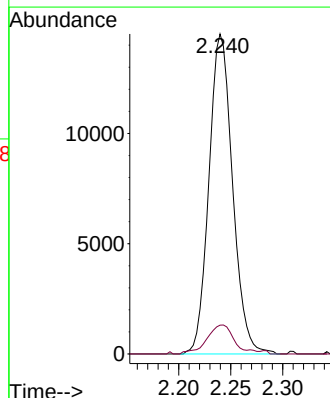
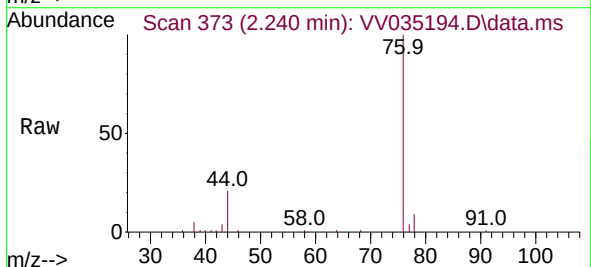
Acq: 15 Apr 2024 12:17

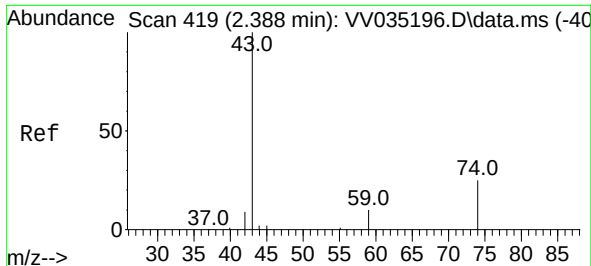
Tgt Ion: 76 Resp: 22975

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

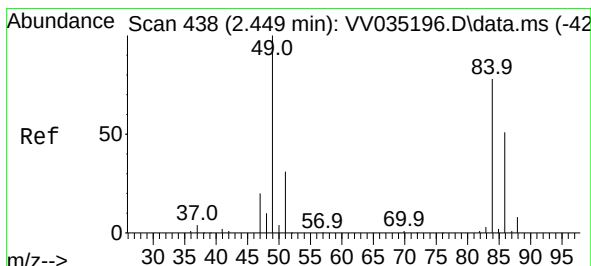
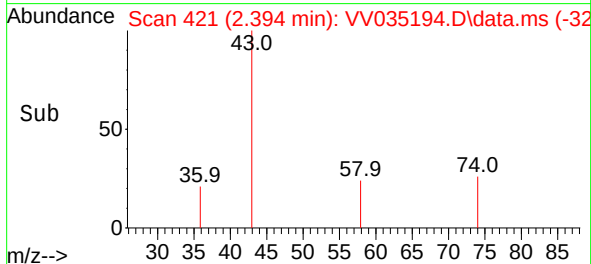
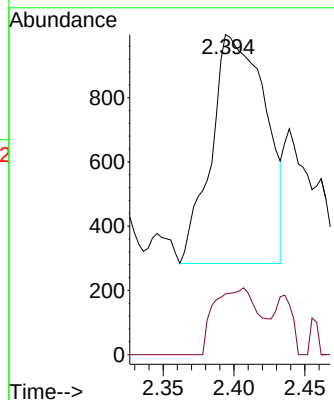
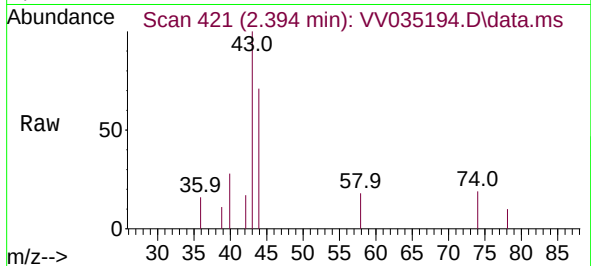




#15
Methyl Acetate
Concen: 0.351 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

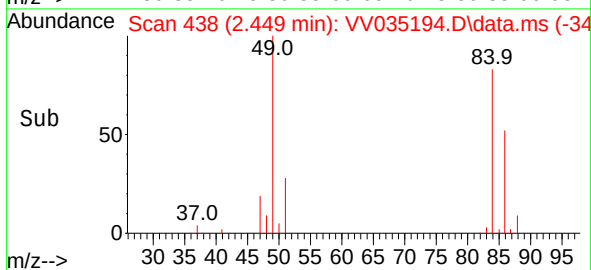
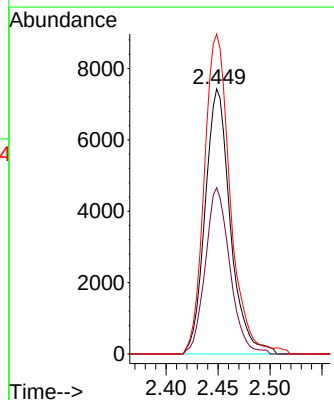
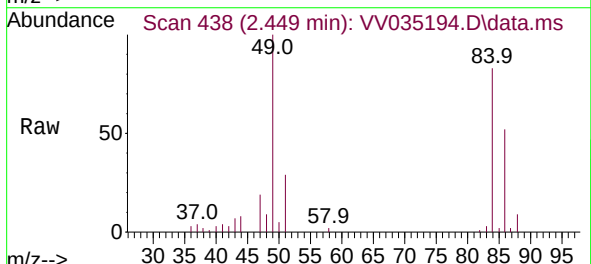
Instrument :
MSVOA_V
ClientSampleId :

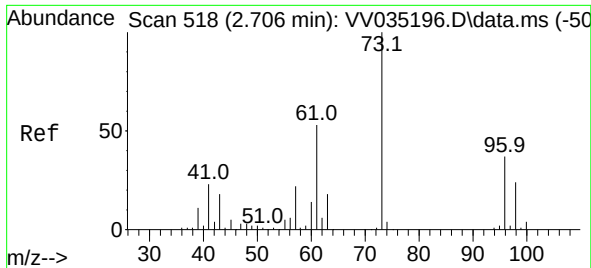
Tgt Ion: 43 Resp: 1891
Ion Ratio Lower Upper
43 100
74 24.5 18.3 27.5



#16
Methylene chloride
Concen: 0.803 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion: 84 Resp: 12537
Ion Ratio Lower Upper
84 100
86 62.7 45.6 84.6
49 120.7 89.5 166.1





#17

Methyl tert-butyl Ether

Concen: 0.457 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :

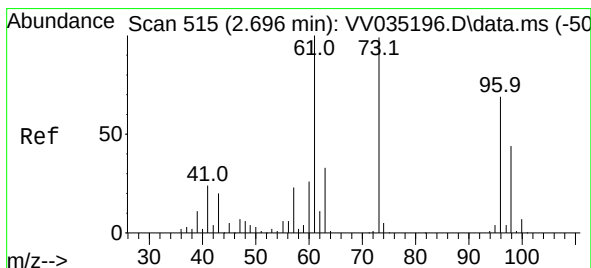
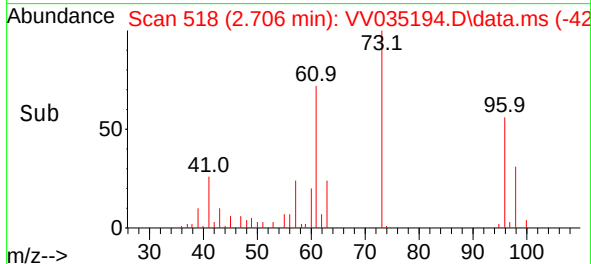
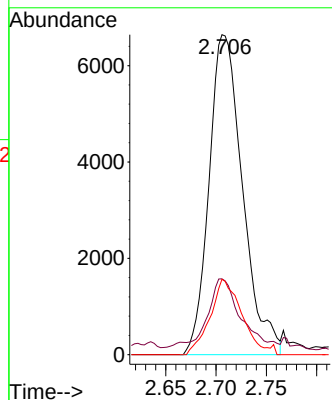
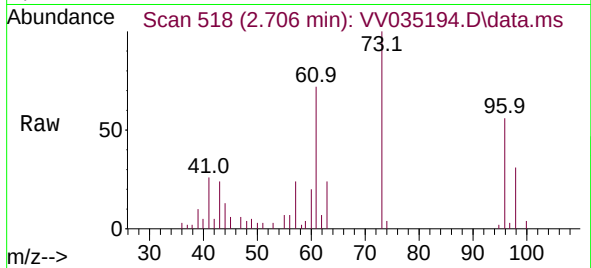
Tgt Ion: 73 Resp: 15399

Ion Ratio Lower Upper

73 100

43 20.7 15.7 23.5

57 21.9 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 0.572 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

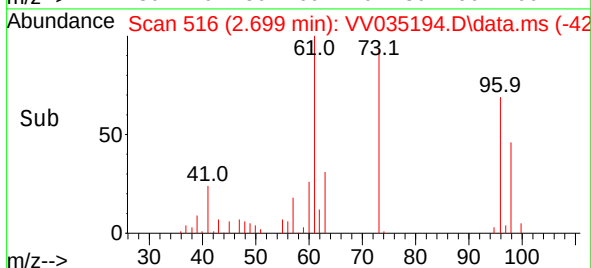
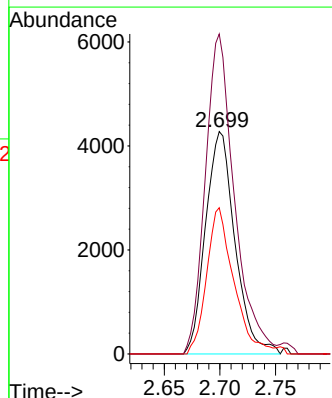
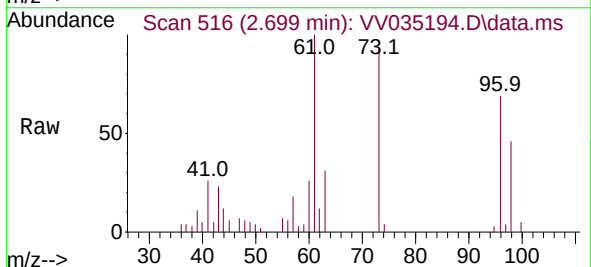
Tgt Ion: 96 Resp: 7858

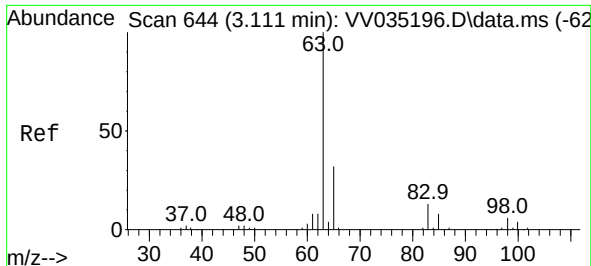
Ion Ratio Lower Upper

96 100

61 143.9 101.8 189.2

98 65.8 44.7 82.9

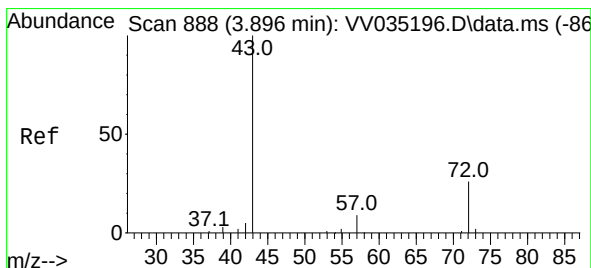
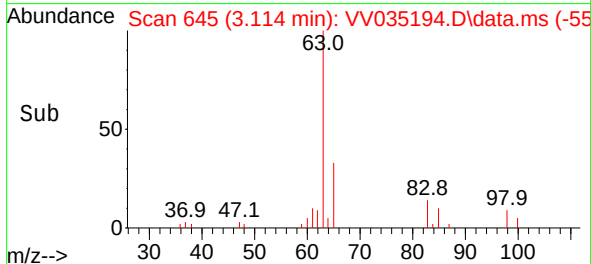
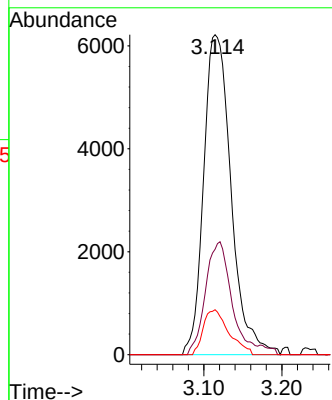
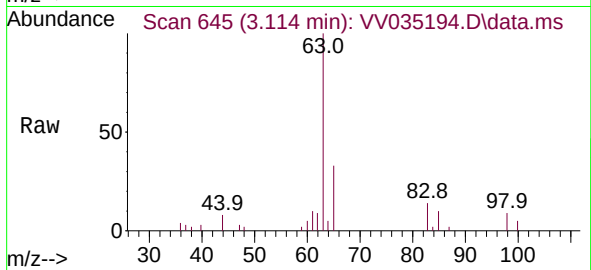




#19
1,1-Dichloroethane
Concen: 0.568 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

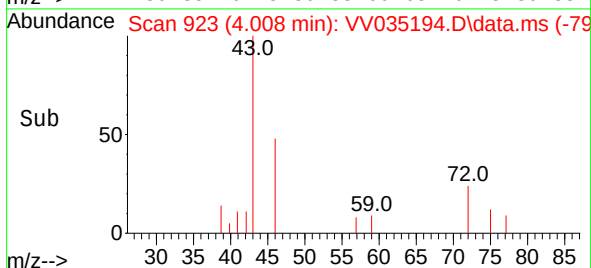
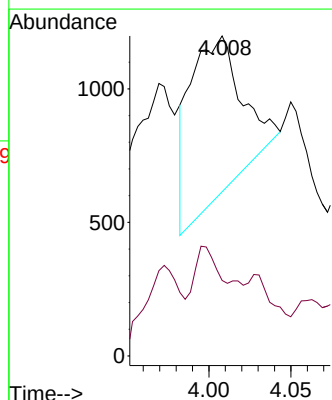
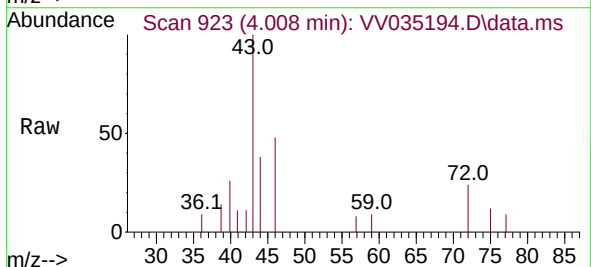
Instrument :
MSVOA_V
ClientSampleId :

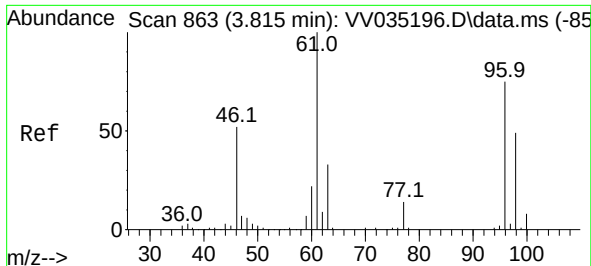
Tgt Ion: 63 Resp: 15206
Ion Ratio Lower Upper
63 100
65 32.9 22.2 41.2
83 14.0 9.4 17.4



#21
2-Butanone
Concen: 0.391 ug/L
RT: 4.008 min Scan# 923
Delta R.T. 0.112 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
72 15.0 6.3 18.8





#22

cis-1,2-Dichloroethene

Concen: 0.473 ug/L

RT: 3.834 min Scan# 80

Delta R.T. 0.019 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :

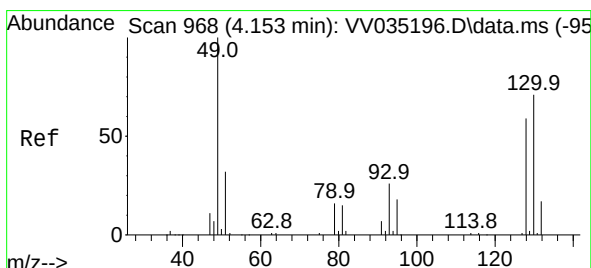
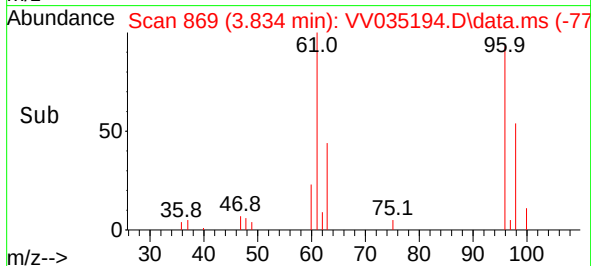
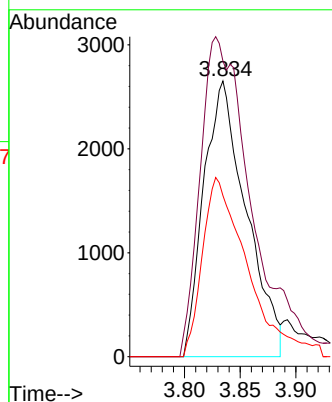
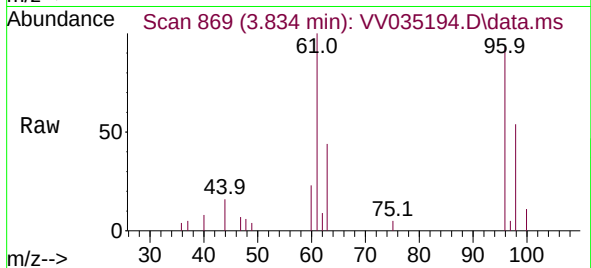
Tgt Ion: 96 Resp: 7031

Ion Ratio Lower Upper

96 100

61 107.2 92.8 172.4

98 58.4 45.5 84.5



#23

Bromochloromethane

Concen: 0.579 ug/L

RT: 4.162 min Scan# 971

Delta R.T. 0.010 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Tgt Ion:128 Resp: 3611

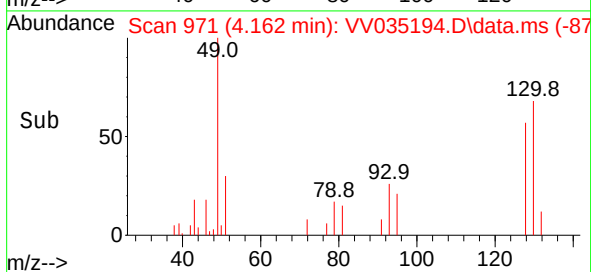
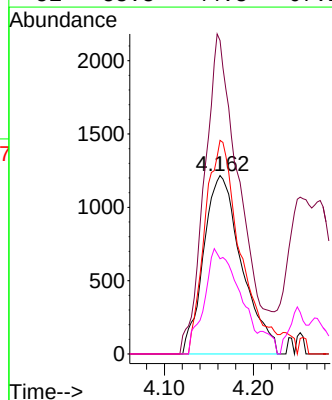
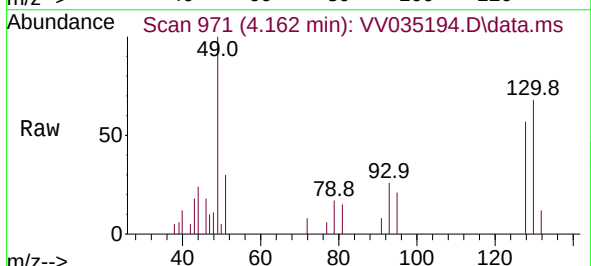
Ion Ratio Lower Upper

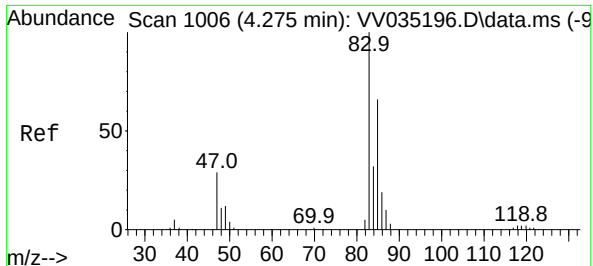
128 100

49 175.6 119.8 222.4

130 119.7 85.2 158.2

51 53.3 44.8 67.2





#25

Chloroform

Concen: 0.564 ug/L

RT: 4.285 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

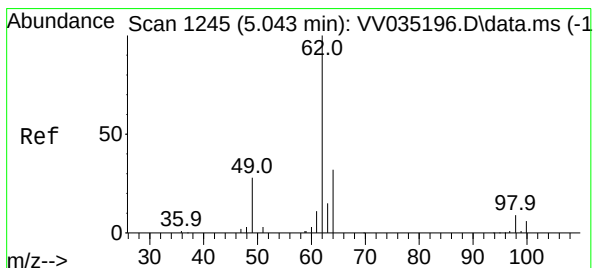
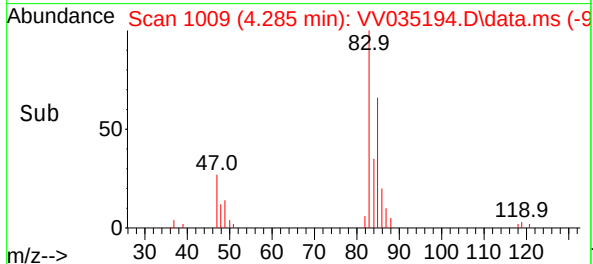
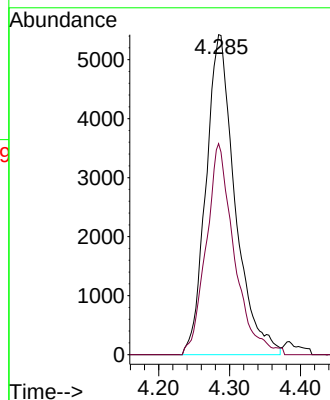
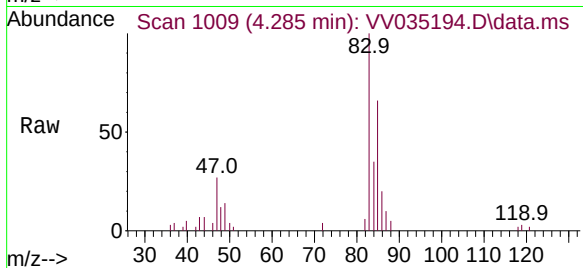
ClientSampleId :

Tgt Ion: 83 Resp: 15425

Ion Ratio Lower Upper

83 100

85 65.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 0.475 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.016 min

Lab File: VV035194.D

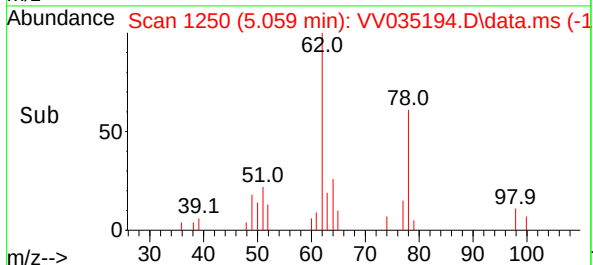
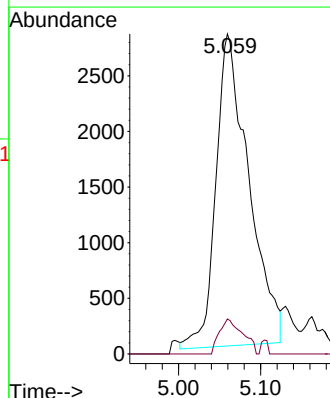
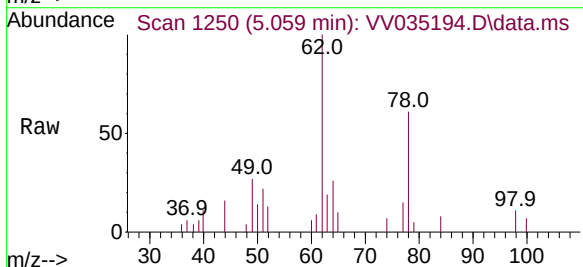
Acq: 15 Apr 2024 12:17

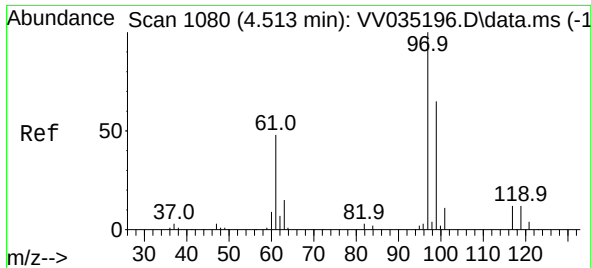
Tgt Ion: 62 Resp: 7814

Ion Ratio Lower Upper

62 100

98 11.0 7.3 10.9#

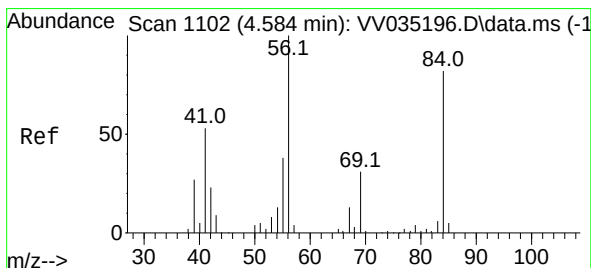
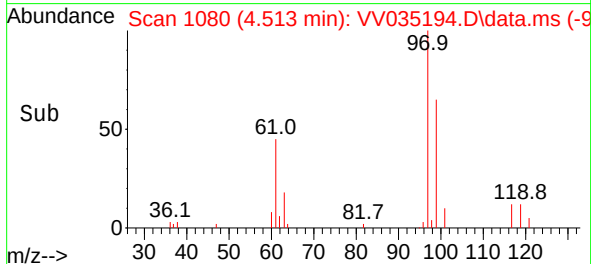
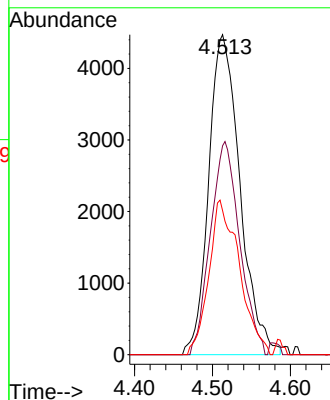
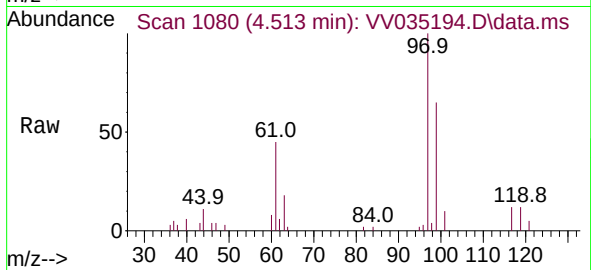




#29
1,1,1-Trichloroethane
Concen: 0.478 ug/L
RT: 4.513 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

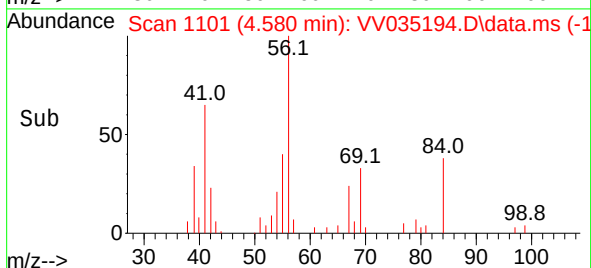
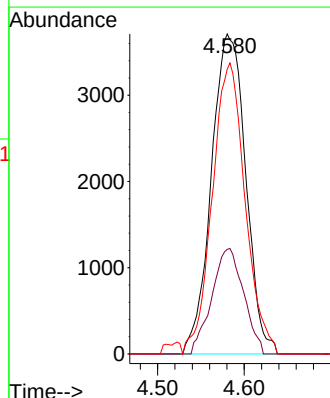
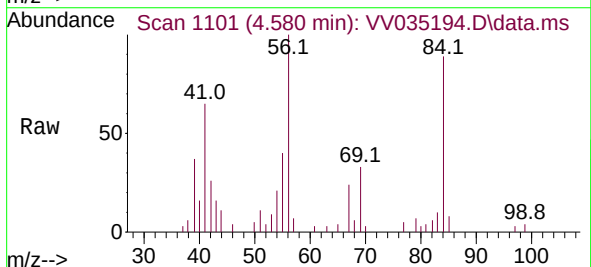
Instrument :
MSVOA_V
ClientSampleId :

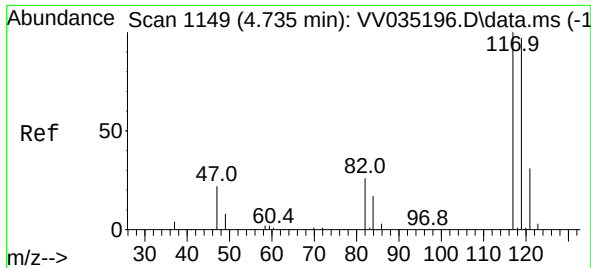
Tgt Ion: 97 Resp: 12492
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.2
61 47.2 38.3 57.5



#30
Cyclohexane
Concen: 0.444 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion: 56 Resp: 10225
Ion Ratio Lower Upper
56 100
69 30.5 24.8 37.2
84 87.0 69.4 104.2

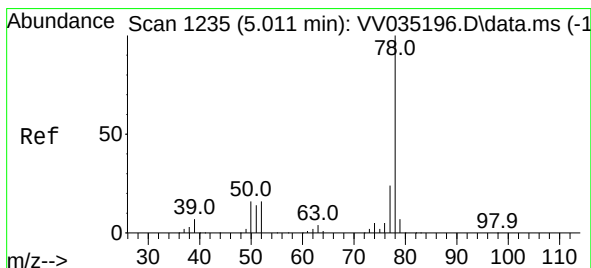
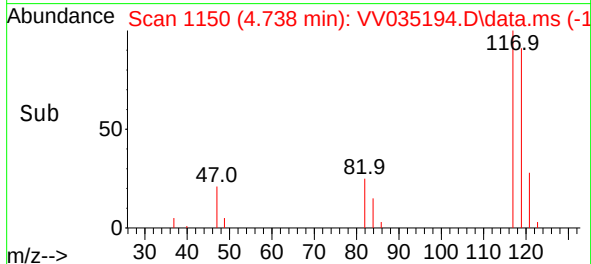
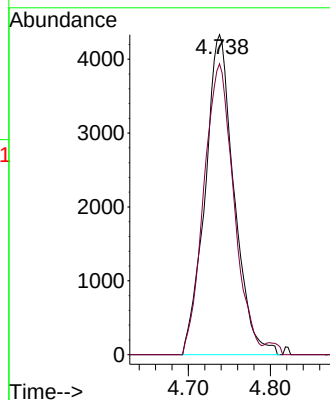
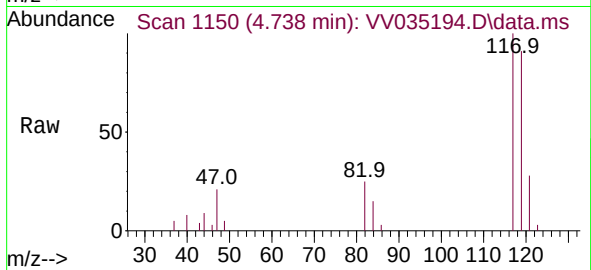




#31
Carbon tetrachloride
Concen: 0.472 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

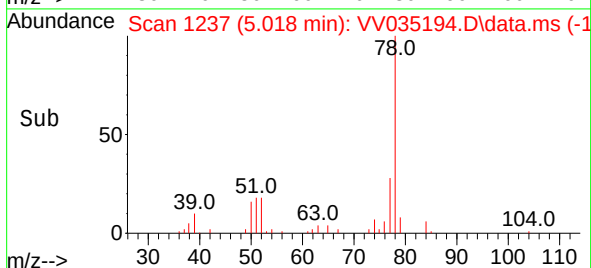
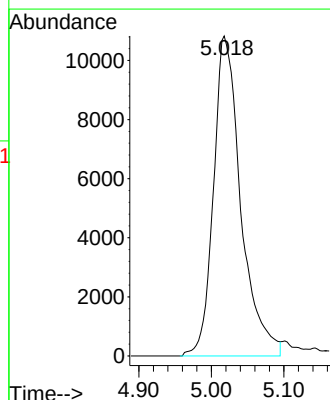
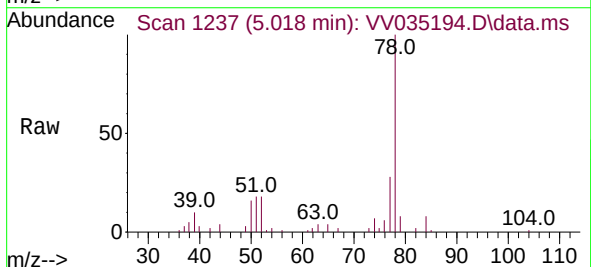
Instrument :
MSVOA_V
ClientSampleId :

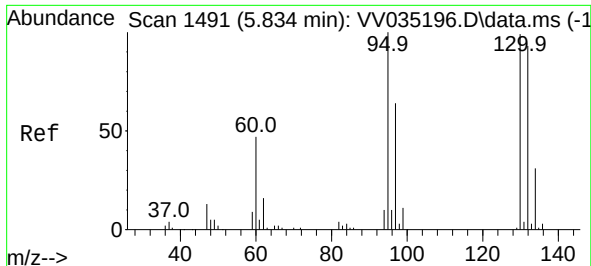
Tgt Ion:117 Resp: 10631
Ion Ratio Lower Upper
117 100
119 93.9 77.0 115.6



#33
Benzene
Concen: 0.478 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

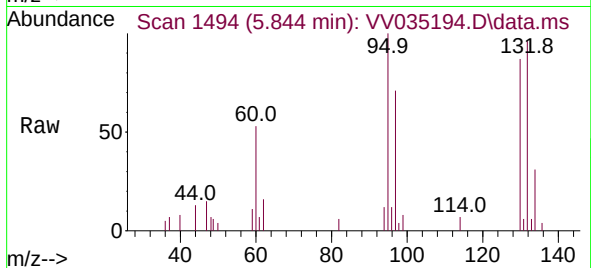
Tgt Ion: 78 Resp: 28377





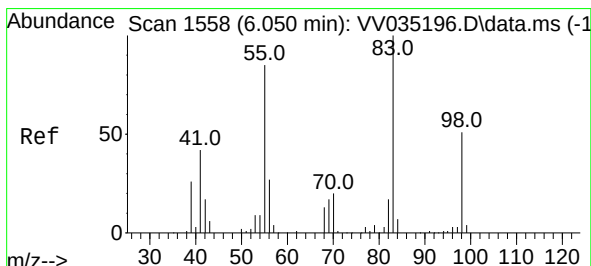
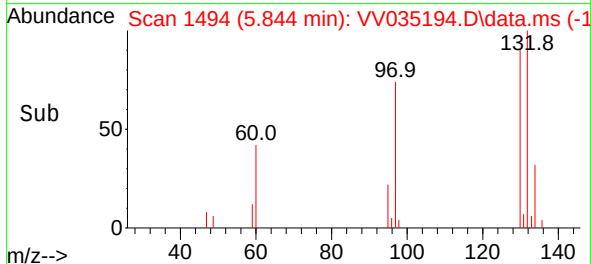
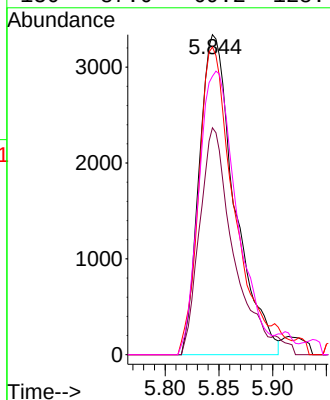
#34
Trichloroethene
Concen: 0.495 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 7655

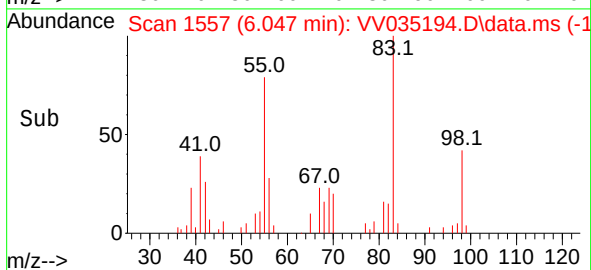
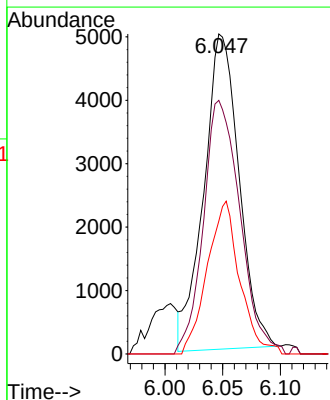
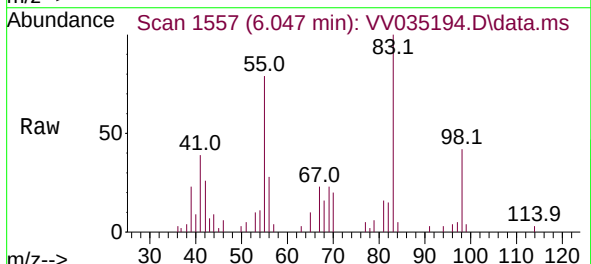
Ion	Ratio	Lower	Upper
95	100		
97	70.9	44.7	82.9
132	96.2	64.8	120.3
130	87.0	69.2	128.4

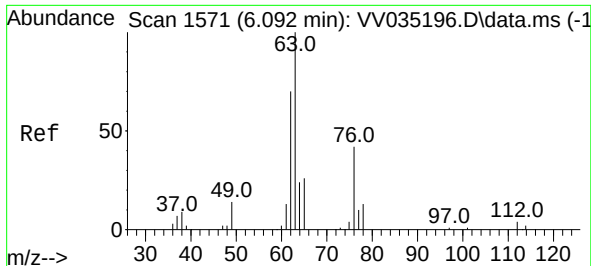


#35
Methylcyclohexane
Concen: 0.434 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion: 83 Resp: 10538

Ion	Ratio	Lower	Upper
83	100		
55	83.7	63.8	95.6
98	44.8	37.4	56.2





#37

1,2-Dichloropropane

Concen: 0.486 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

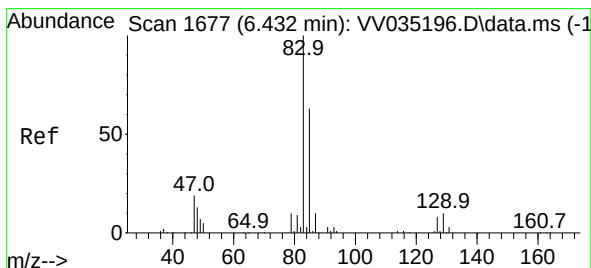
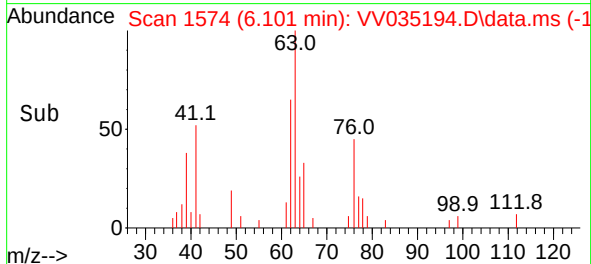
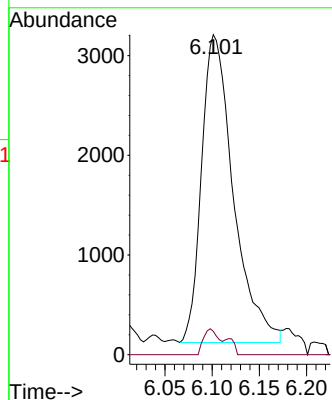
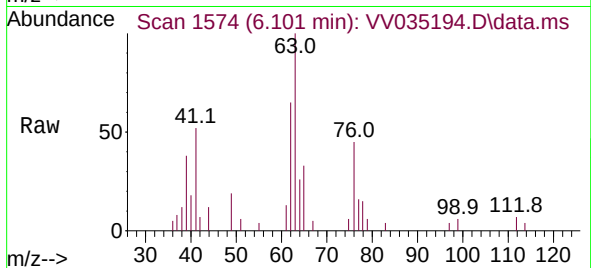
ClientSampleId :

Tgt Ion: 63 Resp: 7228

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 0.485 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.010 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

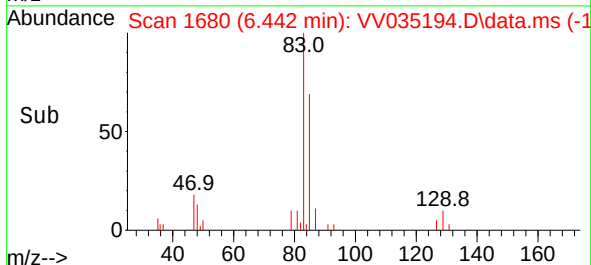
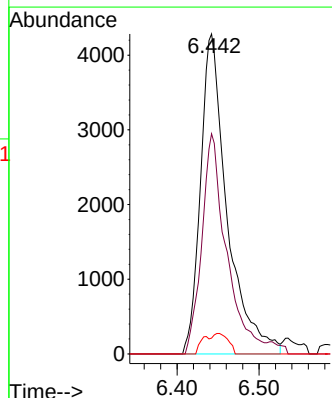
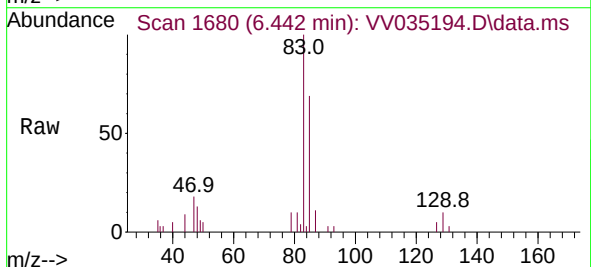
Tgt Ion: 83 Resp: 9648

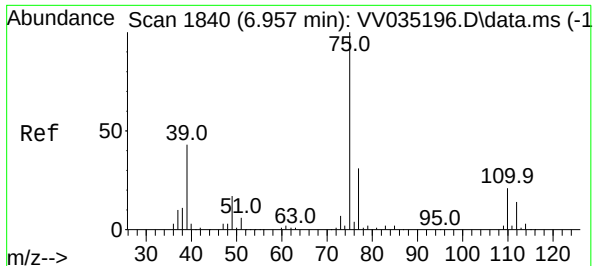
Ion Ratio Lower Upper

83 100

85 68.8 43.8 81.4

127 4.9 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.430 ug/L

RT: 6.973 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

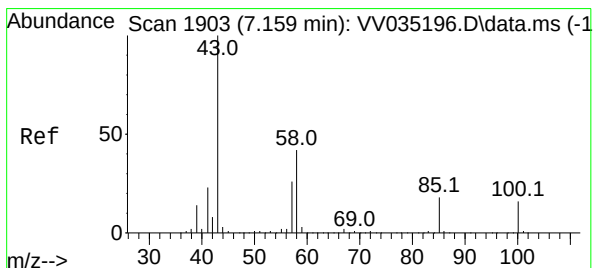
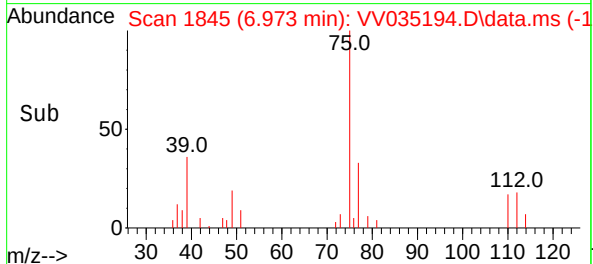
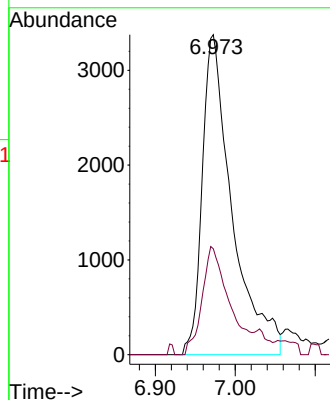
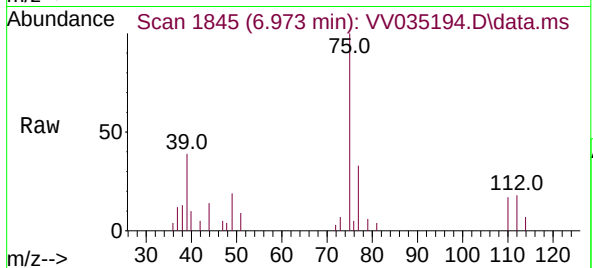
ClientSampleId :

Tgt Ion: 75 Resp: 8765

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 3.936 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.010 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

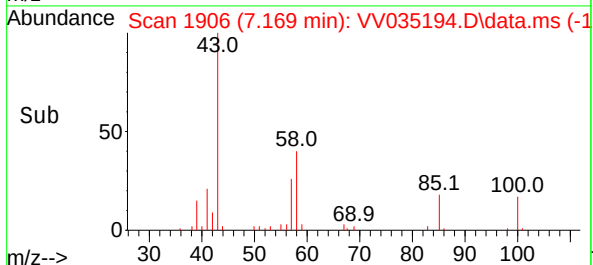
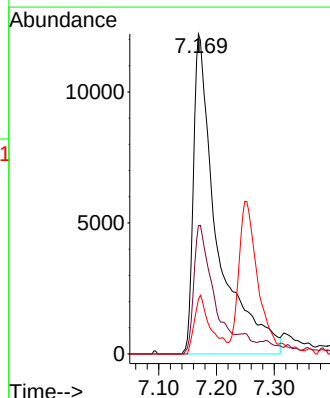
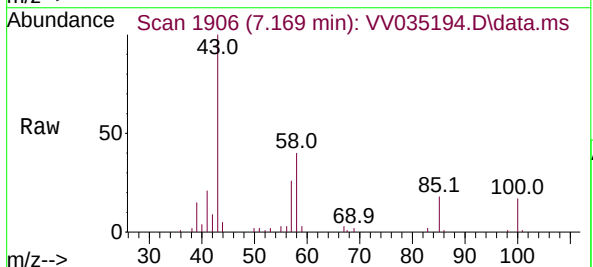
Tgt Ion: 43 Resp: 34804

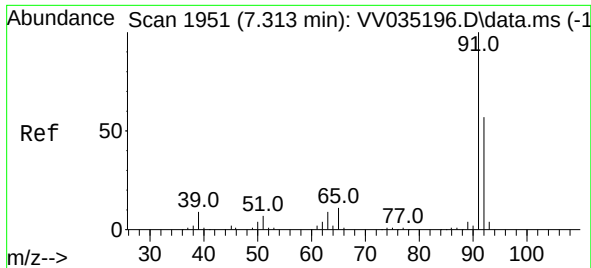
Ion Ratio Lower Upper

43 100

58 33.0 33.4 50.0#

100 12.8 10.6 15.8





#42

Toluene

Concen: 0.442 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

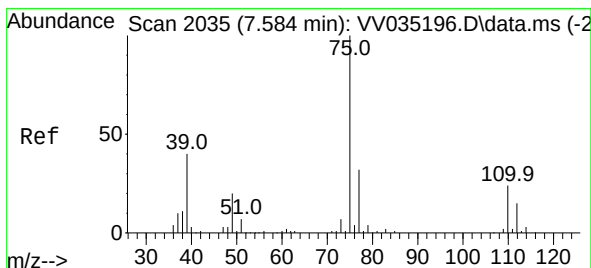
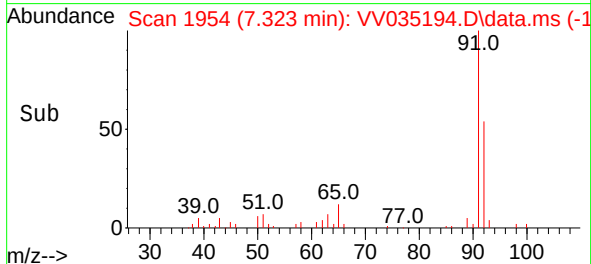
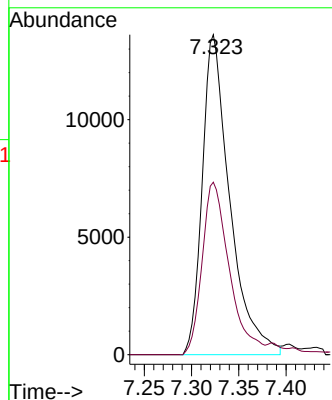
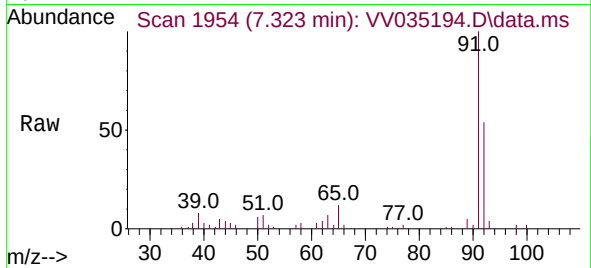
ClientSampleId :

Tgt Ion: 91 Resp: 27582

Ion Ratio Lower Upper

91 100

92 53.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.365 ug/L

RT: 7.600 min Scan# 2040

Delta R.T. 0.016 min

Lab File: VV035194.D

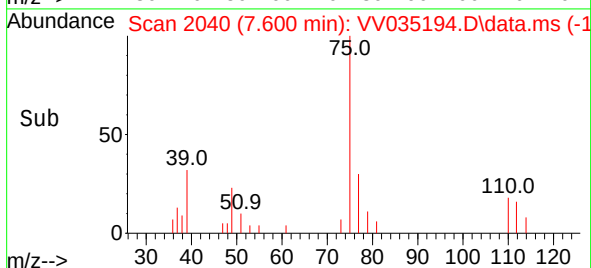
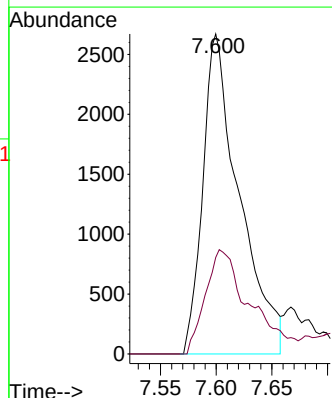
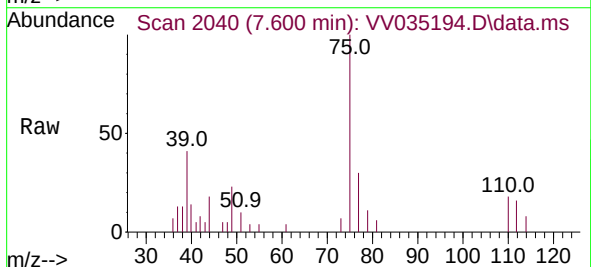
Acq: 15 Apr 2024 12:17

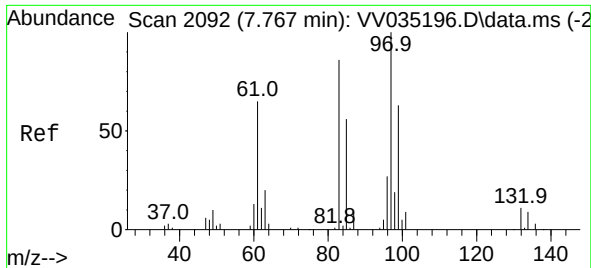
Tgt Ion: 75 Resp: 6078

Ion Ratio Lower Upper

75 100

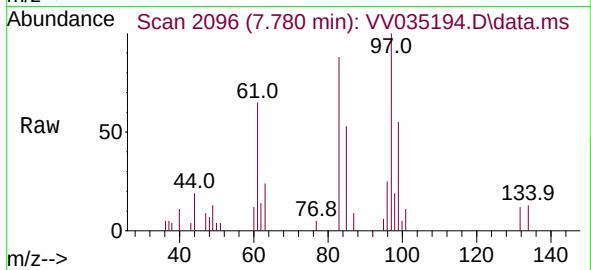
77 30.1 22.3 41.3



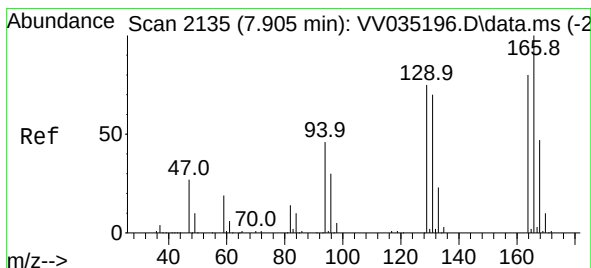
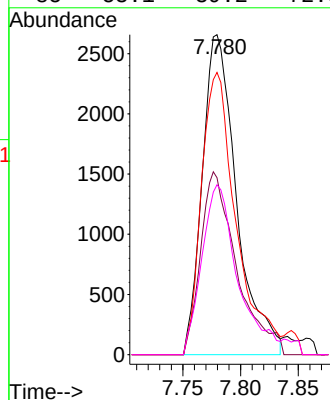
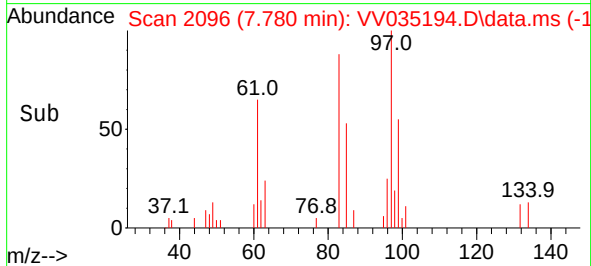


#45
1,1,2-Trichloroethane
Concen: 0.543 ug/L
RT: 7.780 min Scan# 2092
Delta R.T. 0.013 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

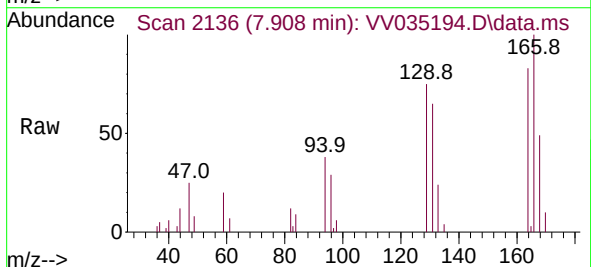
Instrument :
MSVOA_V
ClientSampleId :



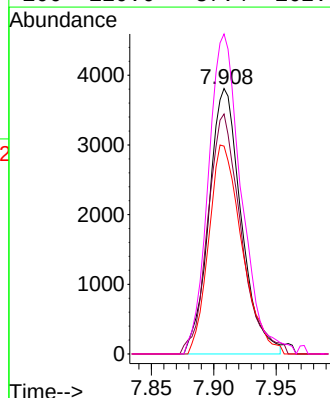
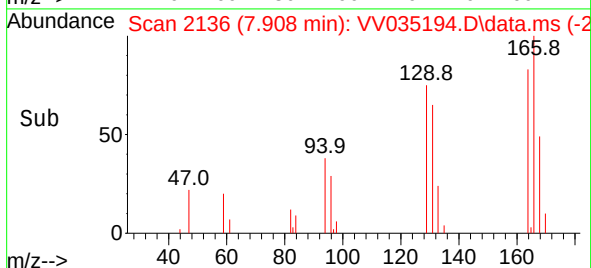
Tgt Ion: 97	Resp: 5484
Ion Ratio	Lower Upper
97 100	
99 55.3	44.2 82.2
83 88.2	60.2 111.8
85 53.1	39.2 72.8

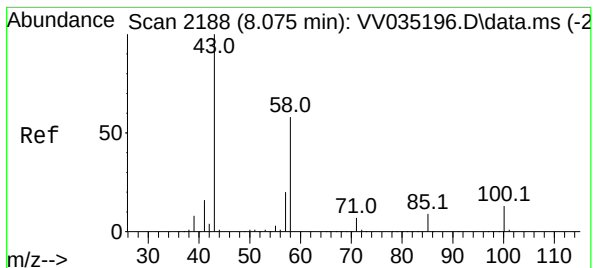


#47
Tetrachloroethene
Concen: 0.566 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17



Tgt Ion:164	Resp: 6855
Ion Ratio	Lower Upper
164 100	
129 90.4	65.3 121.3
131 78.3	60.9 113.1
166 120.6	87.4 162.4





#48

2-Hexanone

Concen: 3.317 ug/L

RT: 8.098 min Scan# 21171

Delta R.T. 0.022 min

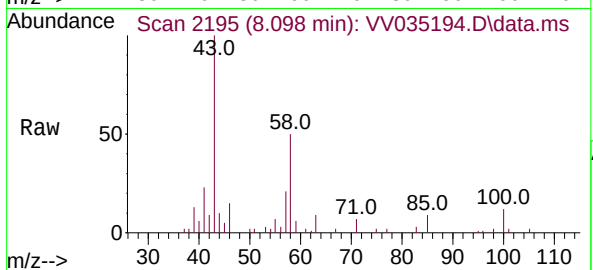
Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

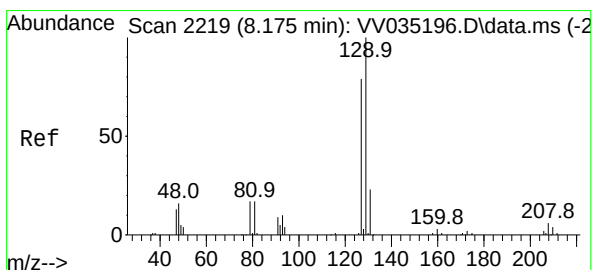
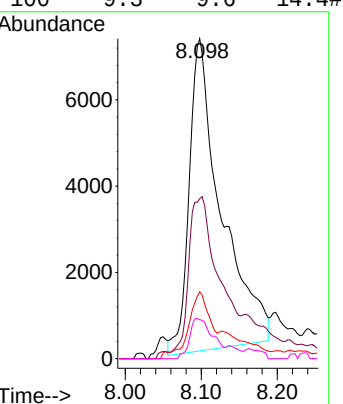
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 21171

Ion	Ratio	Lower	Upper
43	100		
58	46.2	45.2	67.8
57	14.5	15.5	23.3#
100	9.3	9.6	14.4#



#49

Dibromochloromethane

Concen: 0.485 ug/L

RT: 8.182 min Scan# 2221

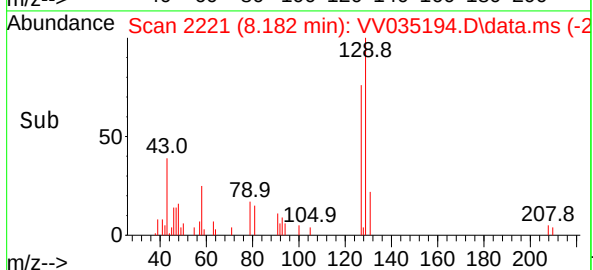
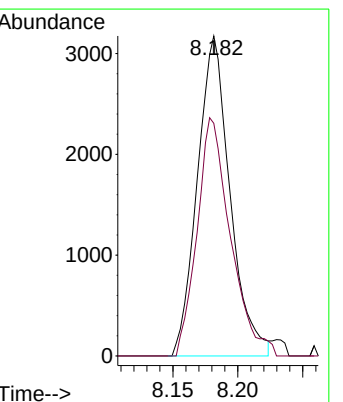
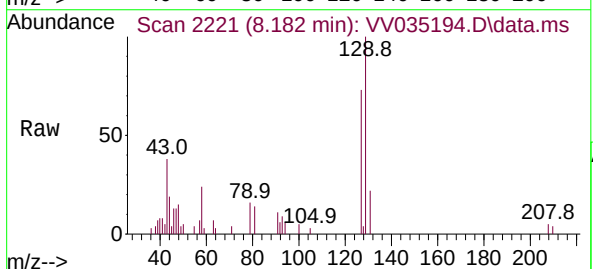
Delta R.T. 0.006 min

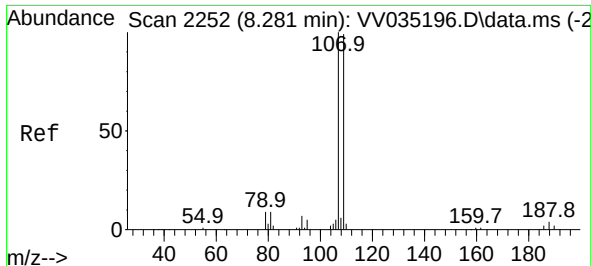
Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Tgt Ion:129 Resp: 5542

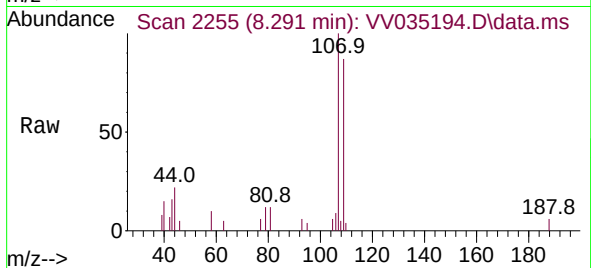
Ion	Ratio	Lower	Upper
129	100		
127	72.7	55.2	102.6



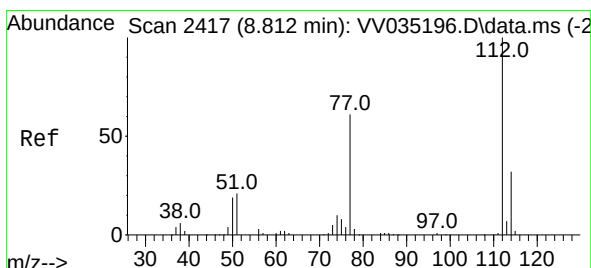
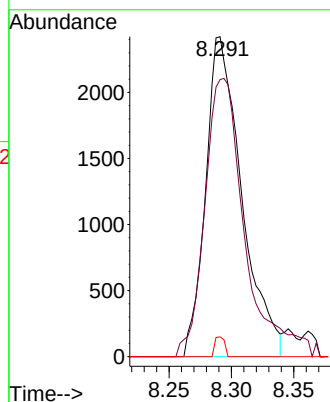
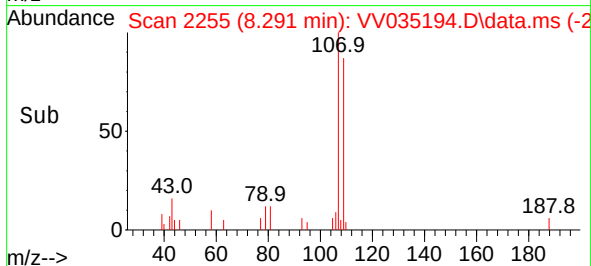


#50
1,2-Dibromoethane
Concen: 0.517 ug/L
RT: 8.291 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Instrument :
MSVOA_V
ClientSampleId :

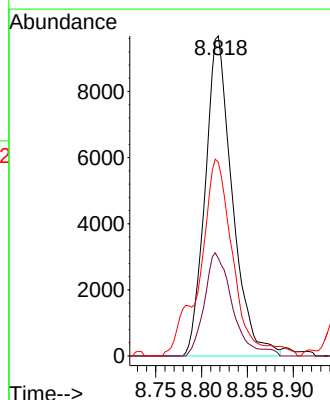
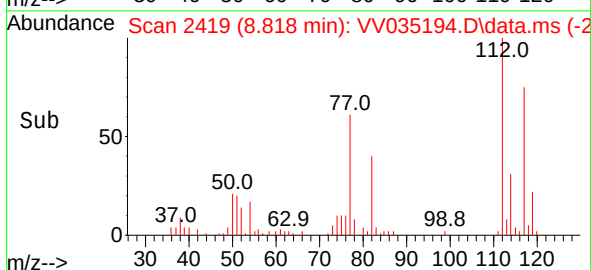
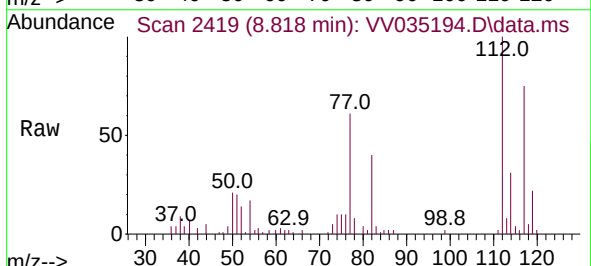


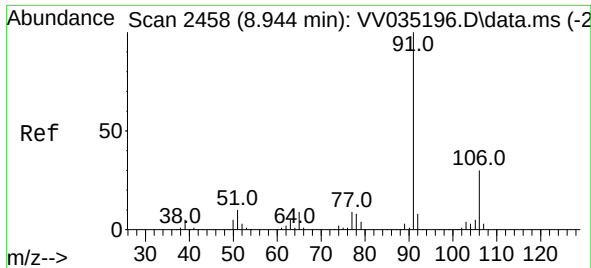
Tgt Ion:107 Resp: 4878
Ion Ratio Lower Upper
107 100
109 86.6 69.1 128.3
188 6.2 2.8 4.2#



#51
Chlorobenzene
Concen: 0.497 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion:112 Resp: 19904
Ion Ratio Lower Upper
112 100
114 30.5 22.0 41.0
77 60.5 49.0 73.6

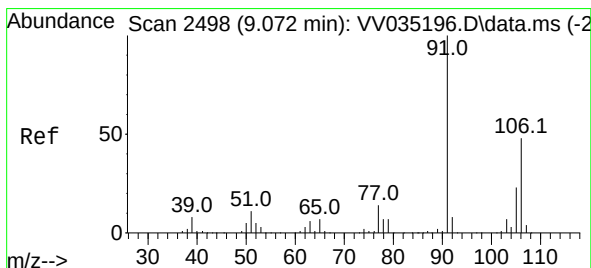
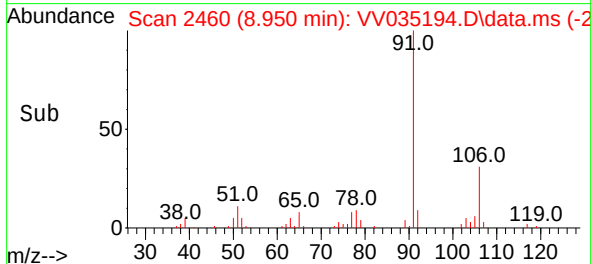
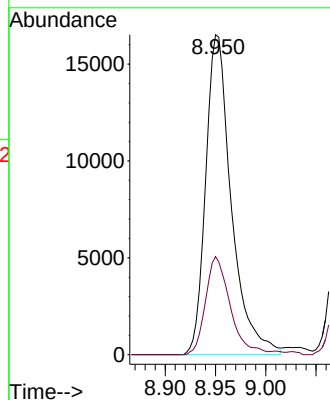
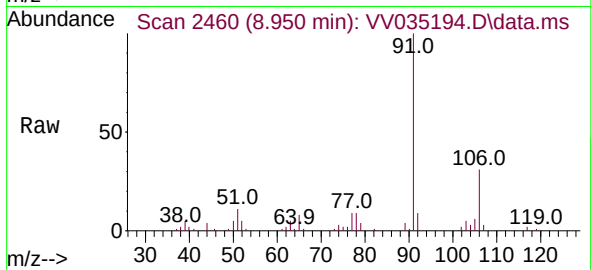




#52
Ethylbenzene
Concen: 0.424 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

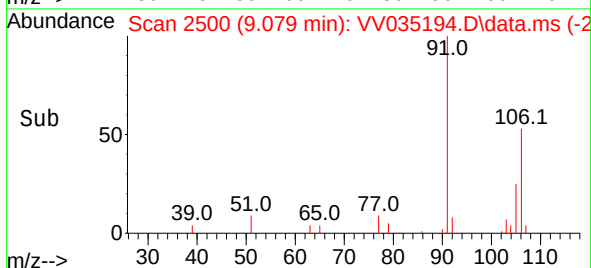
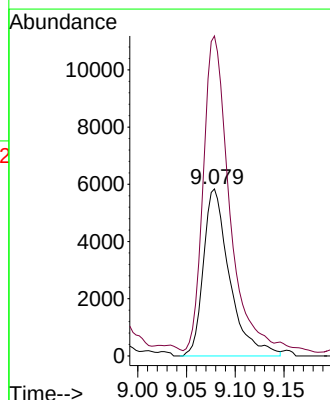
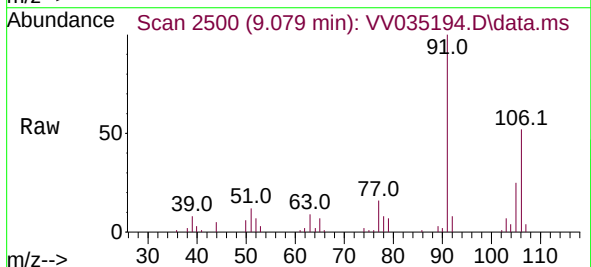
Instrument :
MSVOA_V
ClientSampleId :

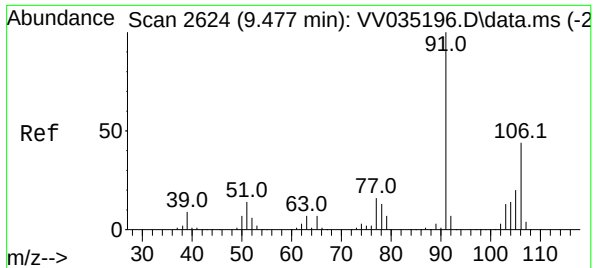
Tgt Ion: 91 Resp: 29320
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#53
m,p-Xylene
Concen: 0.426 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion: 106 Resp: 10935
Ion Ratio Lower Upper
106 100
91 191.6 147.1 273.3

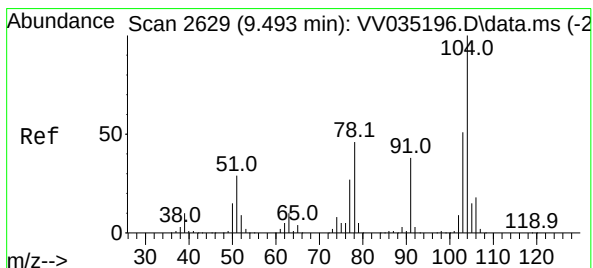
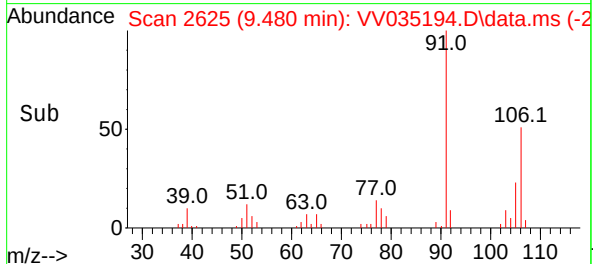
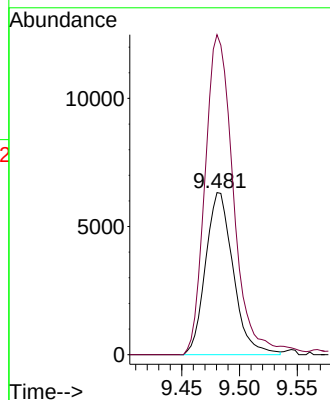
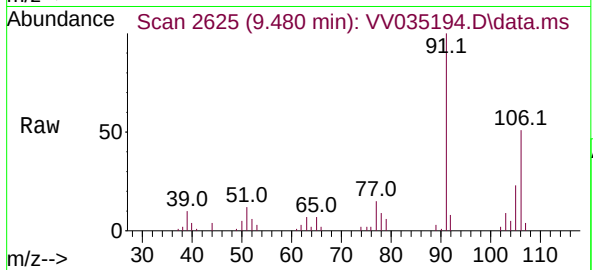




#54
o-Xylene
Concen: 0.414 ug/L
RT: 9.480 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

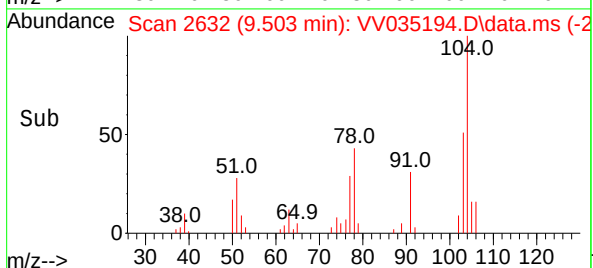
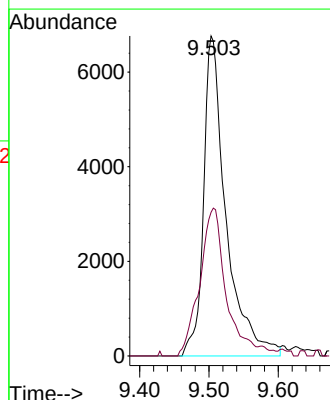
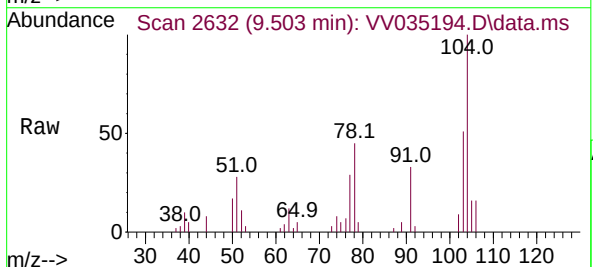
Instrument :
MSVOA_V
ClientSampleId :

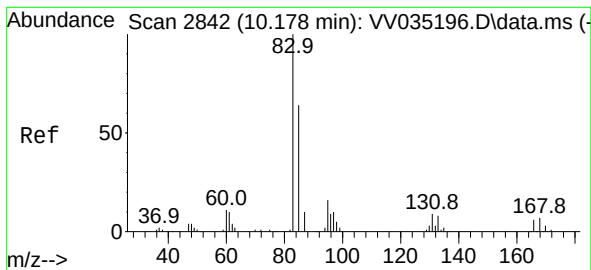
Tgt Ion:106 Resp: 10517
Ion Ratio Lower Upper
106 100
91 197.5 157.7 292.9



#55
Styrene
Concen: 0.365 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.010 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion:104 Resp: 15184
Ion Ratio Lower Upper
104 100
78 44.9 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.535 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :

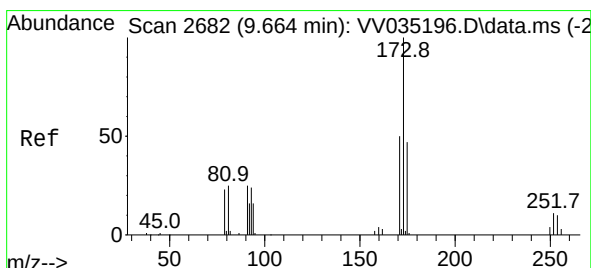
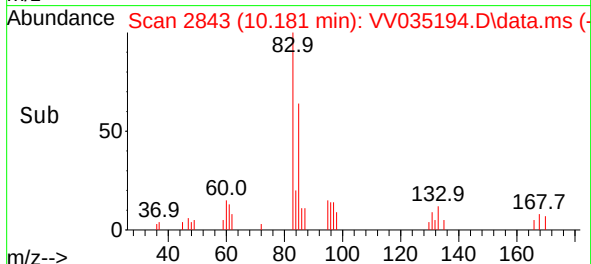
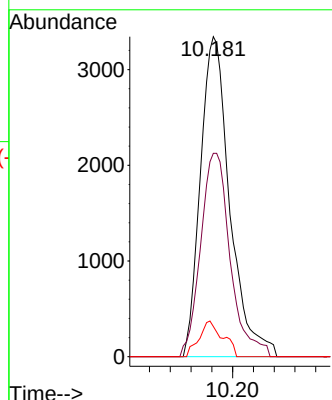
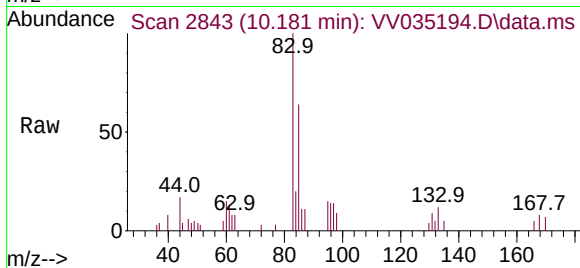
Tgt Ion: 83 Resp: 6547

Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.5

131 9.4 7.8 11.6



#59

Bromoform

Concen: 0.556 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.006 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

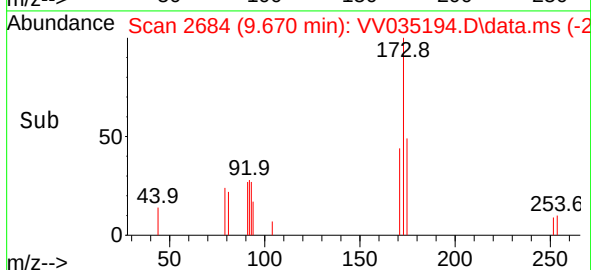
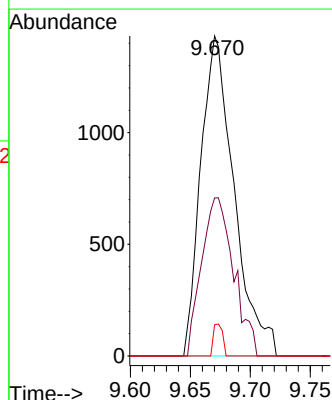
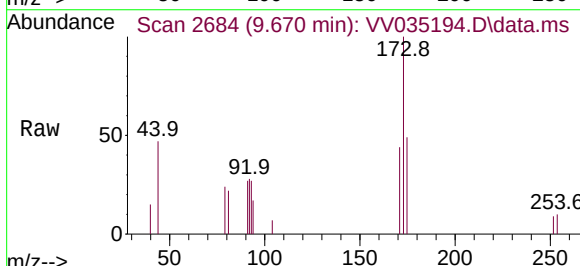
Tgt Ion: 173 Resp: 2768

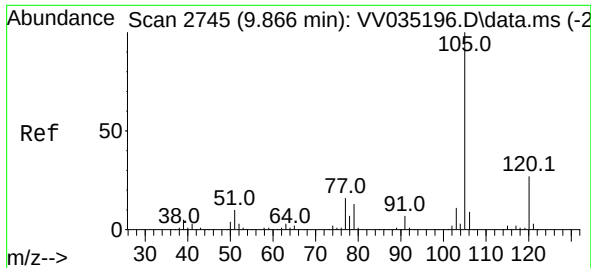
Ion Ratio Lower Upper

173 100

175 47.6 38.6 57.8

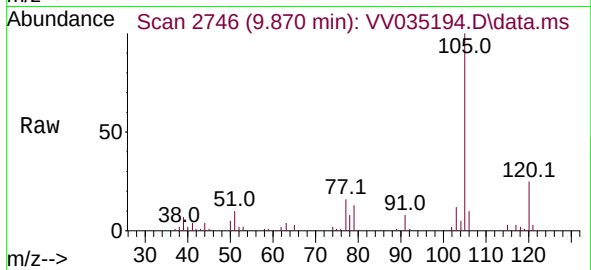
254 2.7 8.2 12.2#



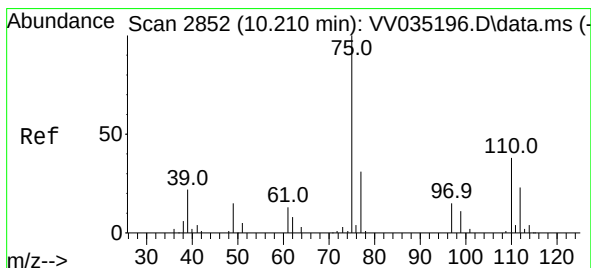
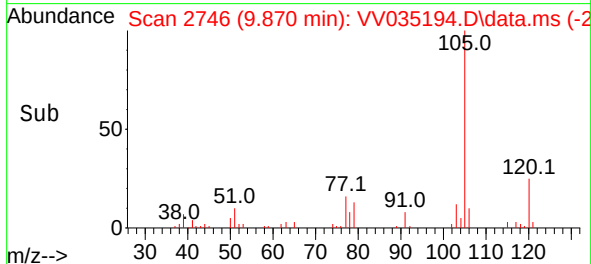
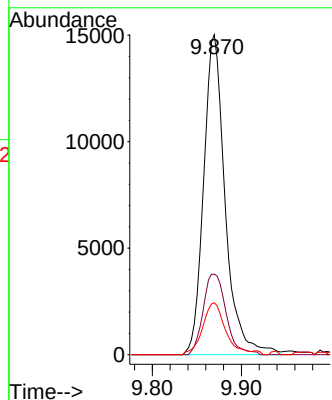


#60
Isopropylbenzene
Concen: 0.432 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Instrument :
MSVOA_V
ClientSampleId :

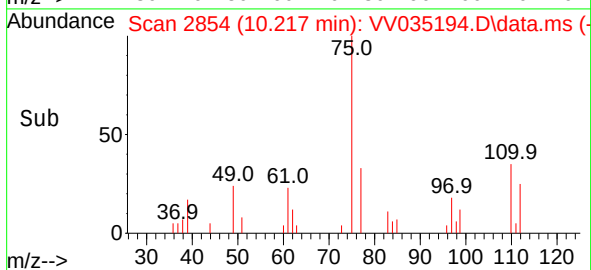
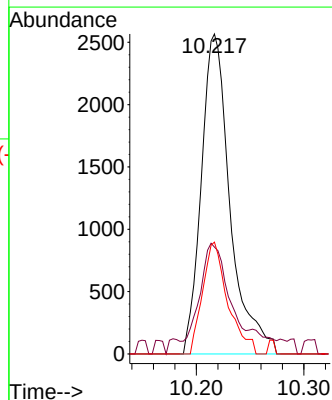
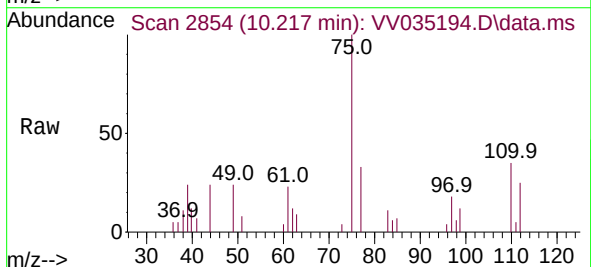


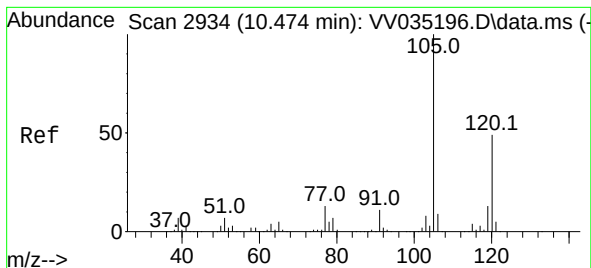
Tgt Ion:105 Resp: 25181
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 17.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 0.619 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.006 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion: 75 Resp: 4779
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9
110 30.4 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 0.397 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

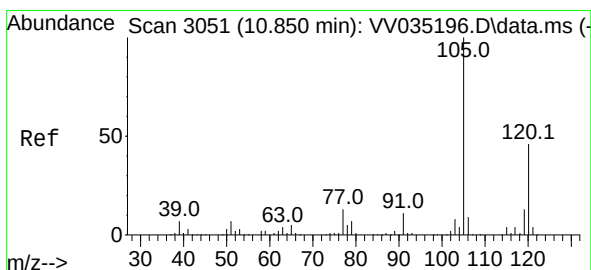
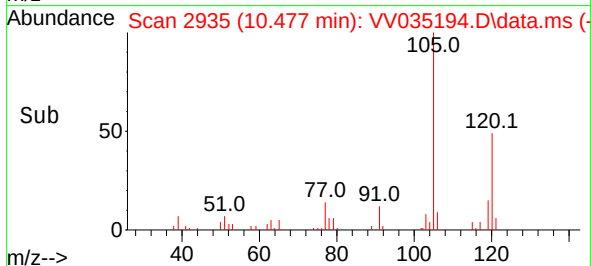
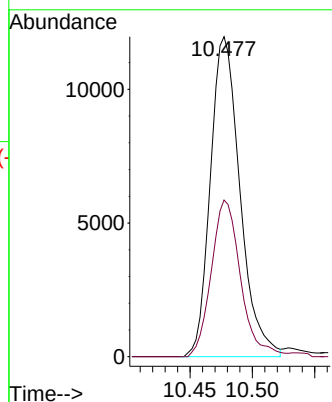
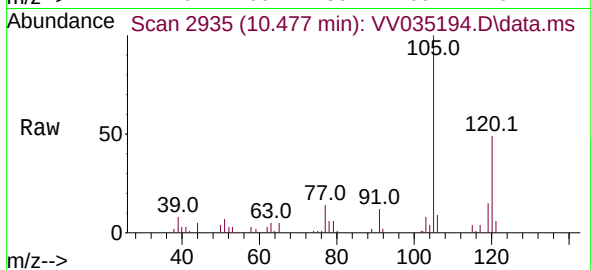
ClientSampleId :

Tgt Ion:105 Resp: 19780

Ion Ratio Lower Upper

105 100

120 48.5 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 0.363 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV035194.D

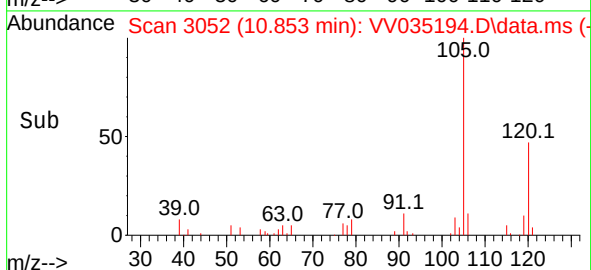
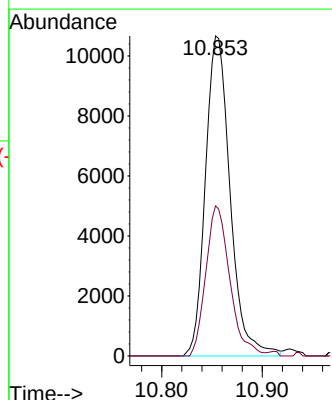
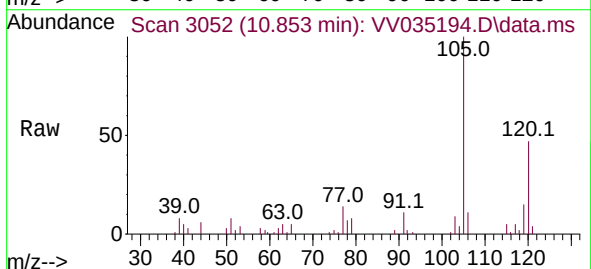
Acq: 15 Apr 2024 12:17

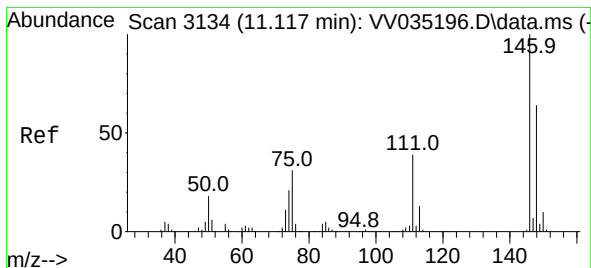
Tgt Ion:105 Resp: 18198

Ion Ratio Lower Upper

105 100

120 45.5 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 0.505 ug/L

RT: 11.120 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :

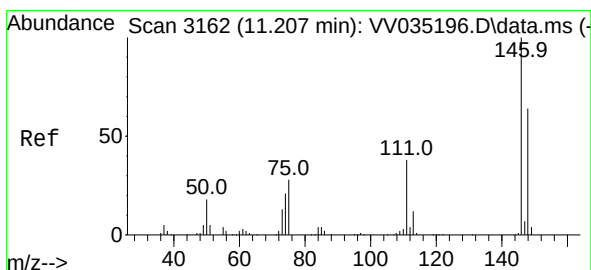
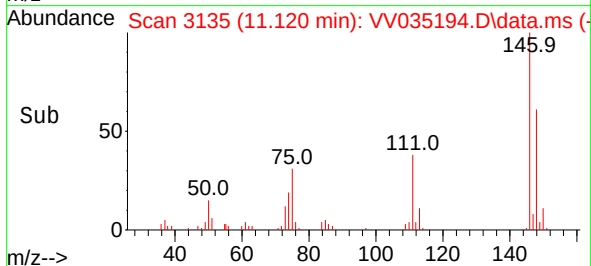
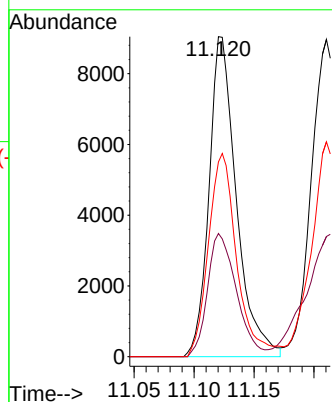
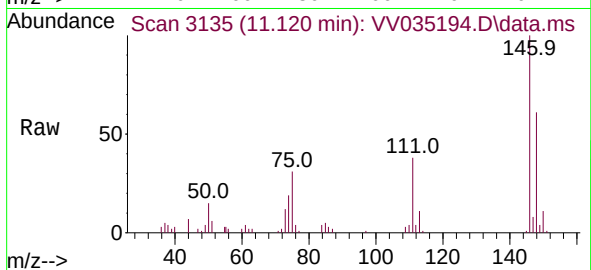
Tgt Ion:146 Resp: 14335

Ion Ratio Lower Upper

146 100

111 38.5 27.6 51.2

148 60.8 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 0.587 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

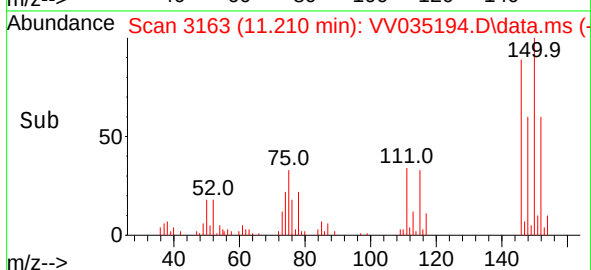
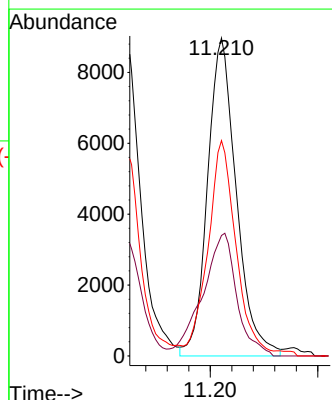
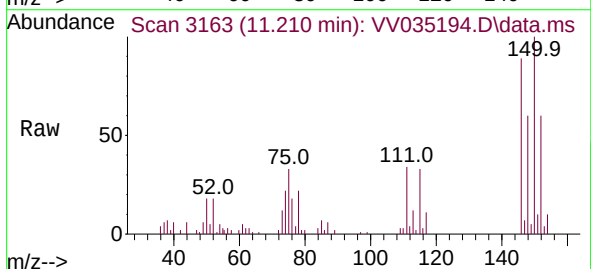
Tgt Ion:146 Resp: 16635

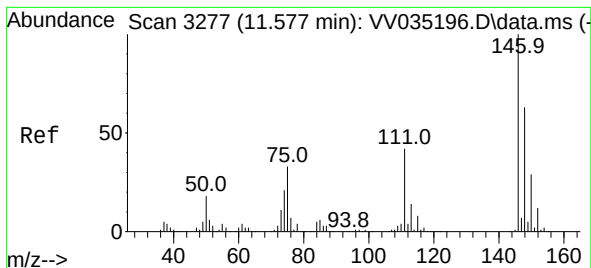
Ion Ratio Lower Upper

146 100

111 37.9 27.1 50.3

148 67.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.508 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :

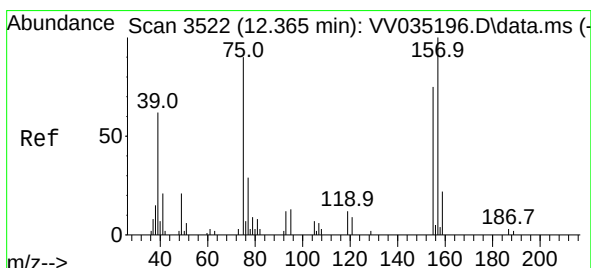
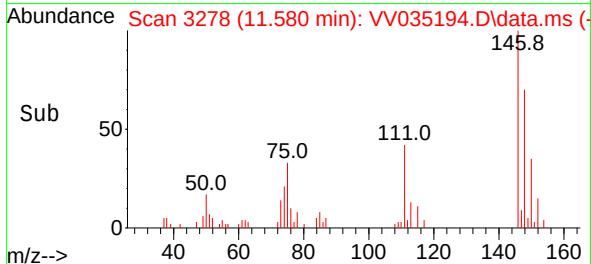
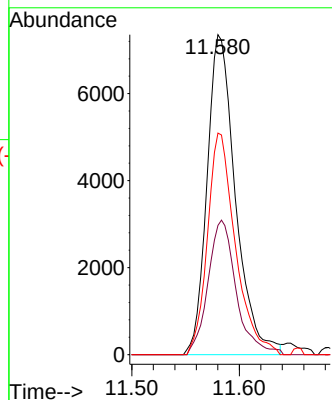
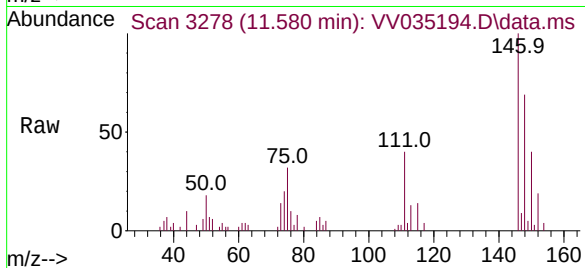
Tgt Ion:146 Resp: 13527

Ion Ratio Lower Upper

146 100

111 40.4 33.7 50.5

148 69.2 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.485 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.010 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

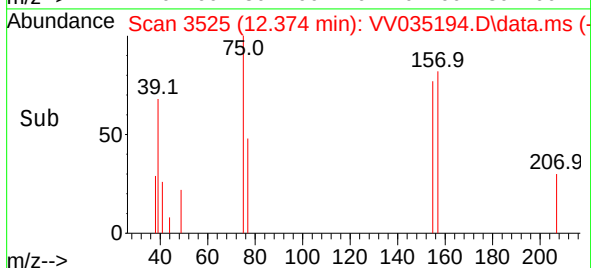
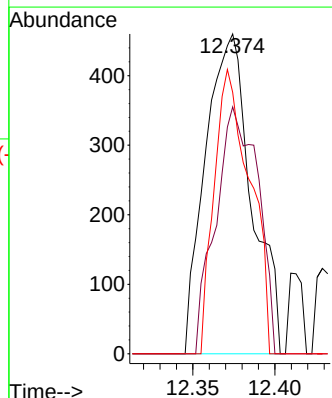
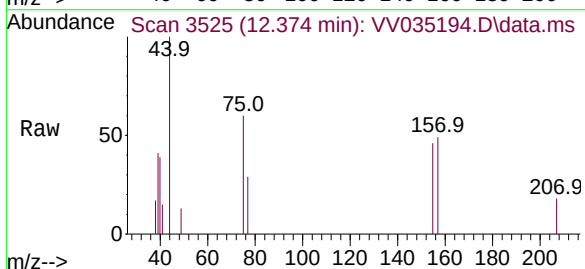
Tgt Ion: 75 Resp: 899

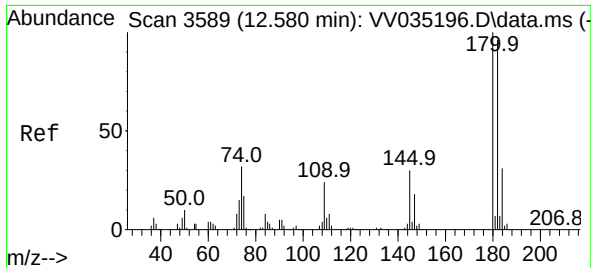
Ion Ratio Lower Upper

75 100

155 77.2 66.8 100.2

157 81.7 88.8 133.2#





#69

1,3,5-Trichlorobenzene

Concen: 0.489 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

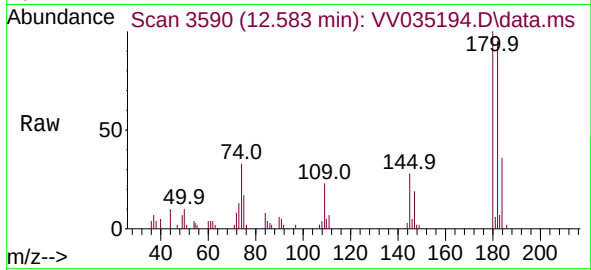
Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10685

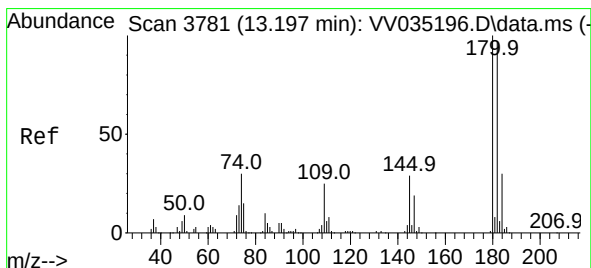
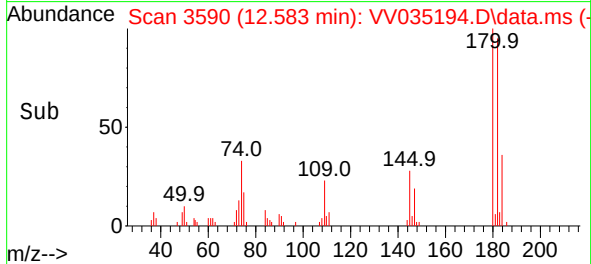
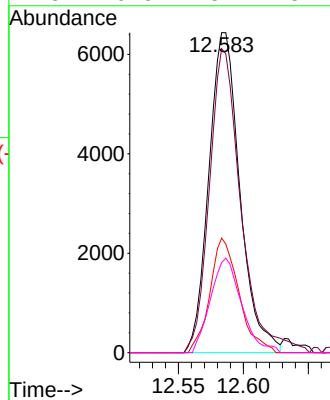
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.2

184 33.5 24.0 36.0

145 29.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 0.496 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV035194.D

Acq: 15 Apr 2024 12:17

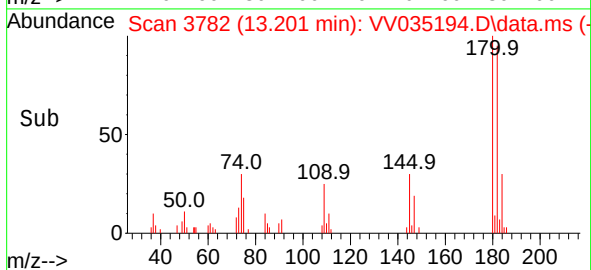
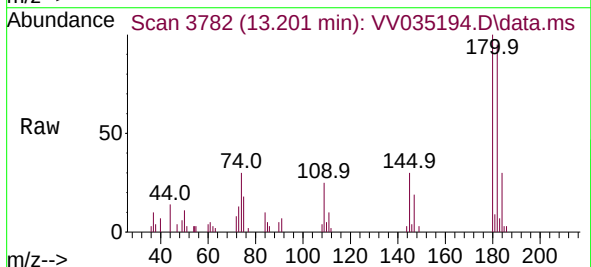
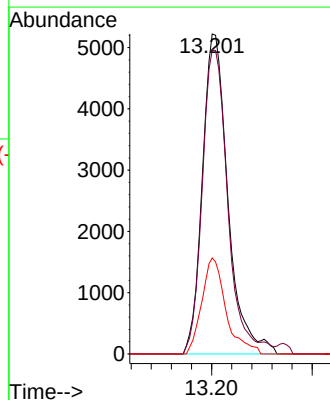
Tgt Ion:180 Resp: 9216

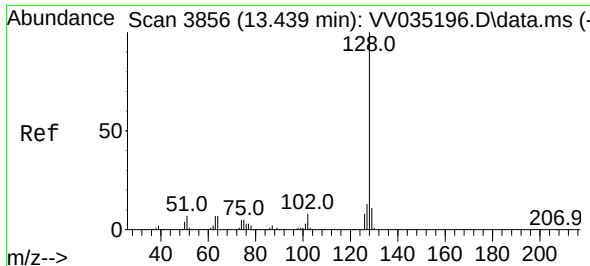
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

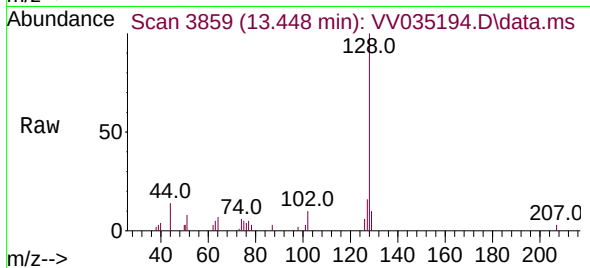
145 28.3 23.5 35.3



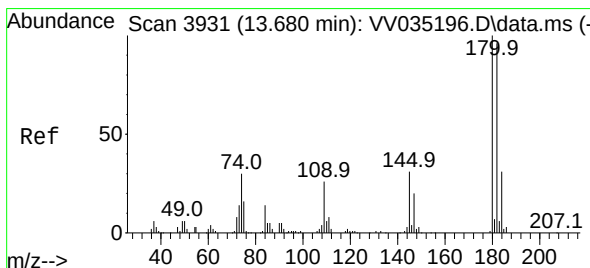
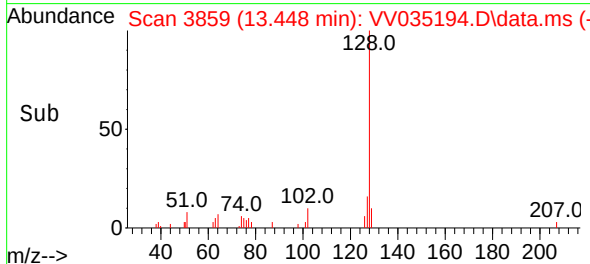
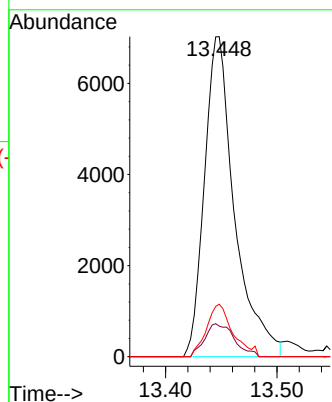


#71
Naphthalene
Concen: 0.436 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.010 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 13200
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 14.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 0.480 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV035194.D
Acq: 15 Apr 2024 12:17

Tgt Ion:180 Resp: 8045
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.5 25.3 37.9

