

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032674.D
 Acq On : 27 Oct 2023 10:47
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 23:37:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	139621	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	157925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	76281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	11262	0.984	ug/L	0.00
7) Chloroethane-d5	1.629	69	424	0.045	ug/L	0.10
11) 1,1-Dichloroethene-d2	2.056	65	3975	0.822	ug/L	0.00
20) 2-Butanone-d5	3.851	46	3974	1.419	ug/L	0.02
24) Chloroform-d	4.256	84	17131	0.855	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	8794	0.929	ug/L	0.00
32) Benzene-d6	4.966	84	33516	0.756	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	9734	0.666	ug/L	0.00
41) Toluene-d8	7.249	98	34225	0.823	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.683	79	295	0.056	ug/L	0.13
46) 2-Hexanone-d5	8.040	63	13513	5.600	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	9319	0.892	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	11738	0.856	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	13960	0.904	ug/L	98
3) Chloromethane	1.214	50	16214	1.009	ug/L	100
5) Vinyl chloride	1.282	62	16152	1.046	ug/L	99
6) Bromomethane	1.487	94	9919	1.078	ug/L	98
8) Chloroethane	1.548	64	10187	1.082	ug/L	93
9) Trichlorofluoromethane	1.712	101	21303	1.120	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	12840	1.122	ug/L	94
12) 1,1-Dichloroethene	2.069	96	11634	1.078	ug/L	89
13) Acetone	2.140	43	4730	2.118	ug/L	97
14) Carbon disulfide	2.240	76	35888	0.972	ug/L	97
15) Methyl Acetate	2.397	43	3634	0.743	ug/L	92
16) Methylene chloride	2.446	84	15658	1.122	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	24089	0.865	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	11884	0.991	ug/L	95
19) 1,1-Dichloroethane	3.114	63	20736	0.933	ug/L	99
21) 2-Butanone	3.934	43	16710	4.869	ug/L	91
22) cis-1,2-Dichloroethene	3.822	96	11450	0.901	ug/L	97
23) Bromochloromethane	4.153	128	2708	0.495	ug/L	89
25) Chloroform	4.281	83	23058	1.032	ug/L	96
27) 1,2-Dichloroethane	5.053	62	12723	0.953	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	19695	0.931	ug/L	99
30) Cyclohexane	4.584	56	15016	0.674	ug/L	98
31) Carbon tetrachloride	4.735	117	17141	0.948	ug/L	99
33) Benzene	5.015	78	46126	0.846	ug/L	100
34) Trichloroethene	5.838	95	12489	0.847	ug/L	94
35) Methylcyclohexane	6.053	83	15922	0.695	ug/L #	84
37) 1,2-Dichloropropane	6.098	63	11925	0.834	ug/L	100
38) Bromodichloromethane	6.439	83	18112	1.042	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	14746	0.708	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	64123	7.045	ug/L	98
42) Toluene	7.320	91	50259	0.843	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	12689	0.738	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032674.D
 Acq On : 27 Oct 2023 10:47
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

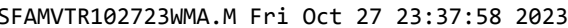
Quant Time: Oct 27 23:37:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

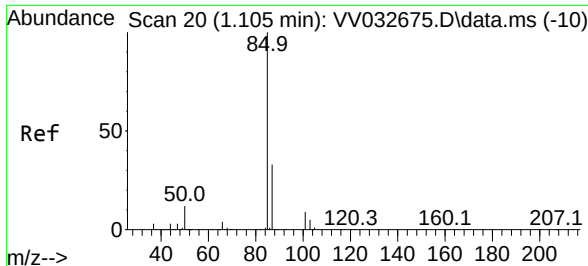
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	9862	0.949	ug/L	97
47) Tetrachloroethene	7.912	164	11186	0.962	ug/L	94
48) 2-Hexanone	8.088	43	42560	6.660	ug/L	95
49) Dibromochloromethane	8.182	129	11475	1.031	ug/L	93
50) 1,2-Dibromoethane	8.288	107	8808	0.896	ug/L	100
51) Chlorobenzene	8.818	112	36797	0.964	ug/L	96
52) Ethylbenzene	8.950	91	51252	0.784	ug/L	99
53) m,p-Xylene	9.079	106	19841	0.817	ug/L	91
54) o-Xylene	9.481	106	18738	0.796	ug/L	98
55) Styrene	9.503	104	28891	0.730	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.182	83	11134	0.963	ug/L	96
59) Bromoform	9.670	173	5851	1.037	ug/L	100
60) Isopropylbenzene	9.870	105	45551	0.786	ug/L	97
61) 1,2,3-Trichloropropane	10.217	75	7870	0.974	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	35404	0.750	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	33396	0.710	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	26044	0.921	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	24986	0.883	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	23769	0.923	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	1285	0.772	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	18377	0.897	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	15242	0.846	ug/L	98
71) Naphthalene	13.445	128	20437	0.678	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.686	180	13210	0.847	ug/L	95

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

Quant Time: Oct 27 23:37:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 27 23:36:39 2023
Response via : Initial Calibration

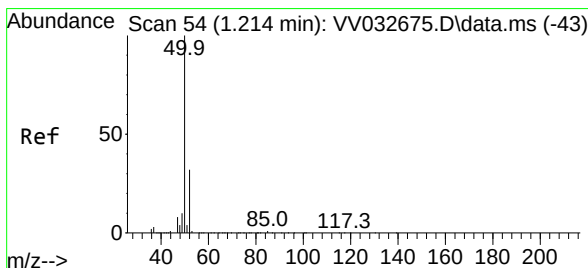
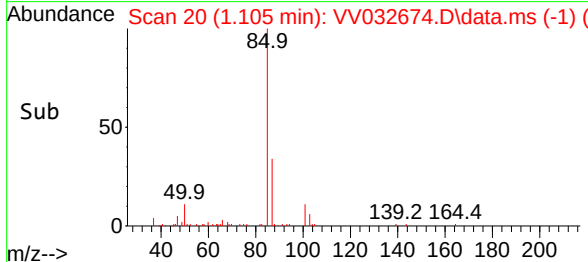
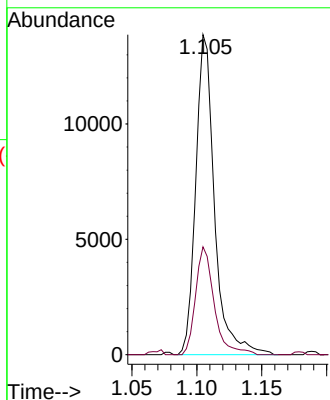
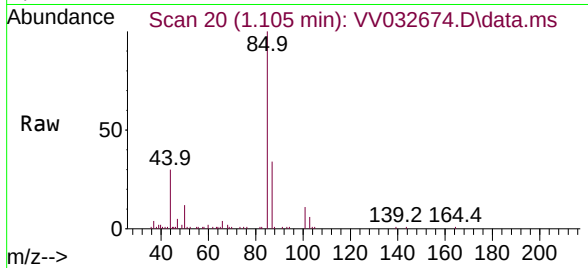




#2
 Dichlorodifluoromethane
 Concen: 0.904 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

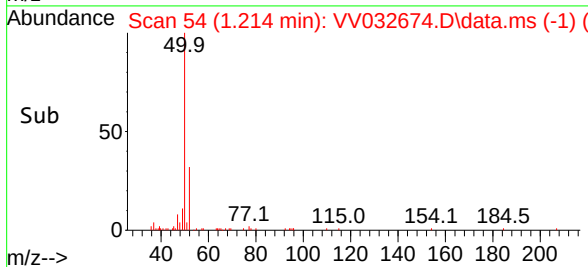
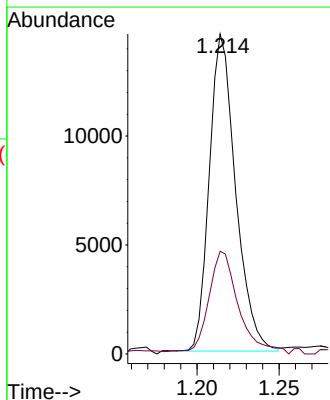
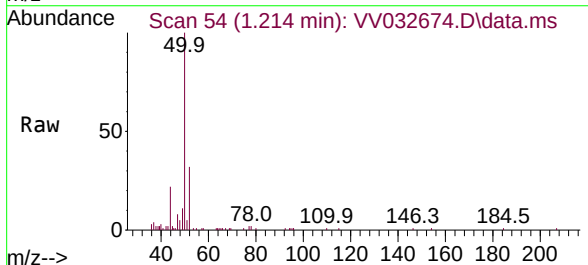
Instrument :
 MSVOA_V
 ClientSampleId :

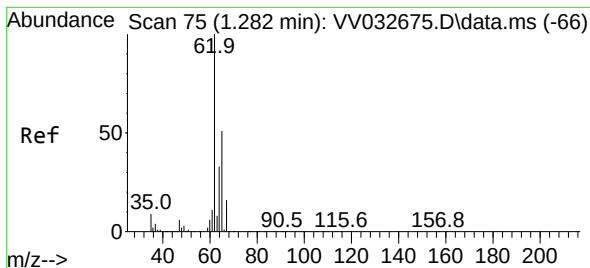
Tgt Ion: 85 Resp: 13960
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.9 38.9



#3
 Chloromethane
 Concen: 1.009 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

Tgt Ion: 50 Resp: 16214
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.3 41.5





#5

Vinyl chloride

Concen: 1.046 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

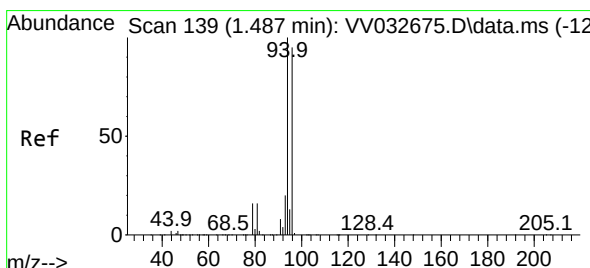
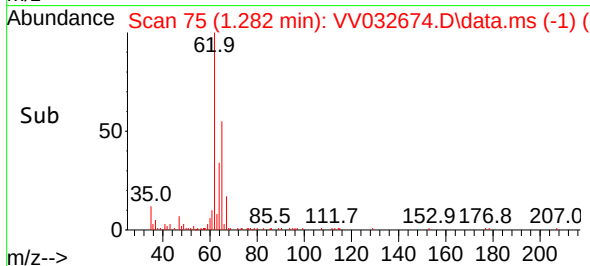
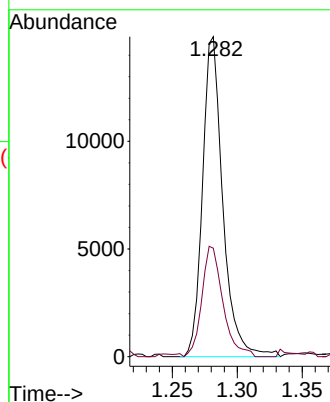
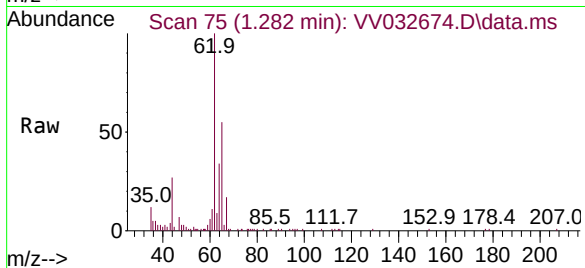
ClientSampleId :

Tgt Ion: 62 Resp: 16152

Ion Ratio Lower Upper

62 100

64 33.9 23.2 43.0



#6

Bromomethane

Concen: 1.078 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV032674.D

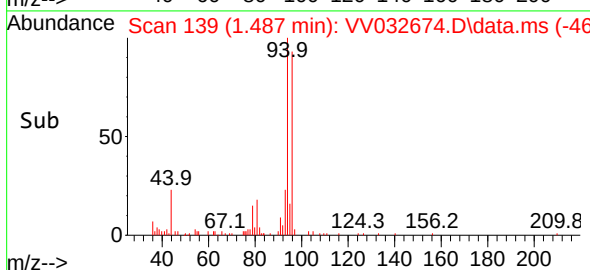
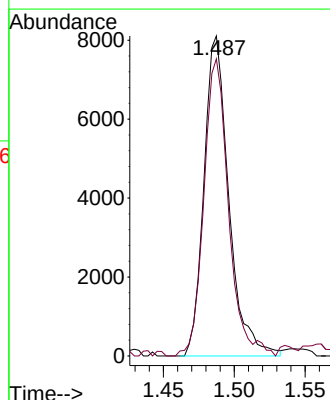
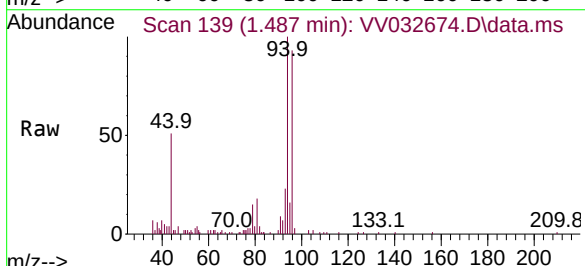
Acq: 27 Oct 2023 10:47

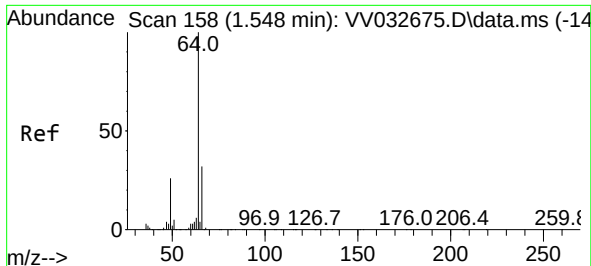
Tgt Ion: 94 Resp: 9919

Ion Ratio Lower Upper

94 100

96 92.9 66.4 123.2

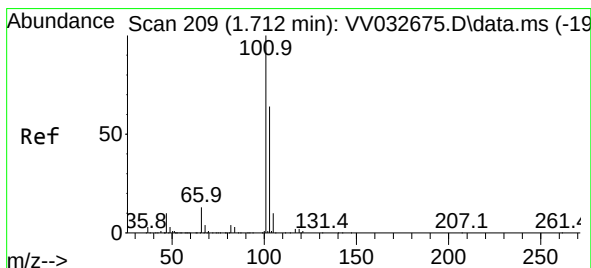
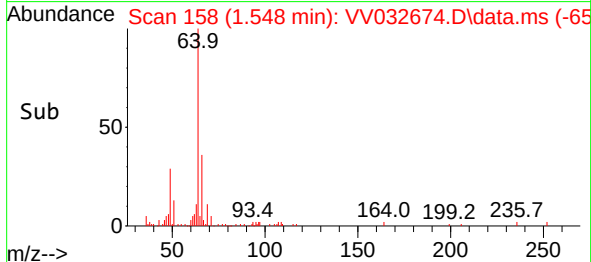
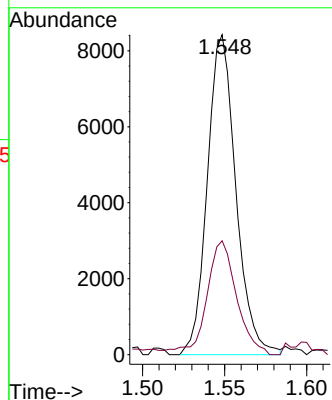
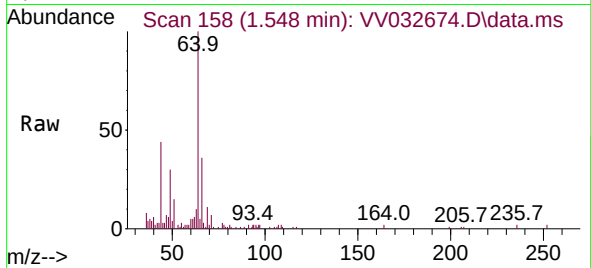




#8
Chloroethane
Concen: 1.082 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

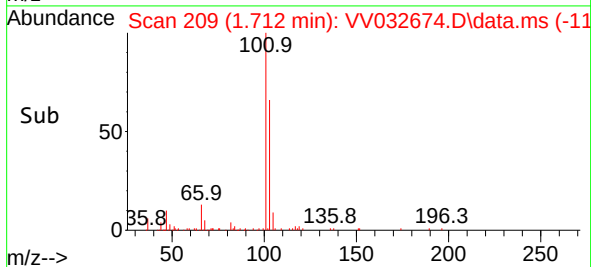
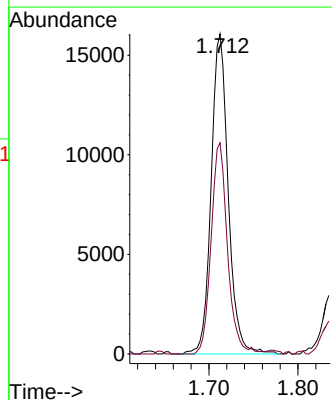
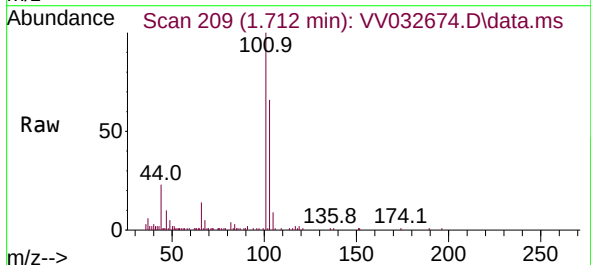
Instrument :
MSVOA_V
ClientSampleId :

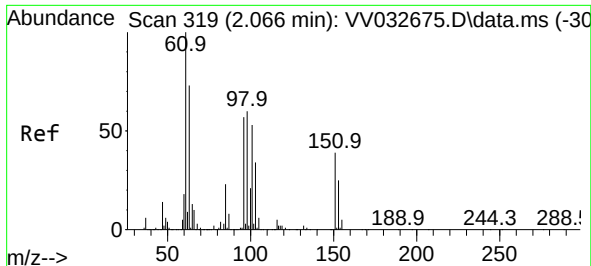
Tgt Ion: 64 Resp: 10187
Ion Ratio Lower Upper
64 100
66 35.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.120 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion: 101 Resp: 21303
Ion Ratio Lower Upper
101 100
103 63.4 52.1 78.1





#10

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

Concen: 1.122 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

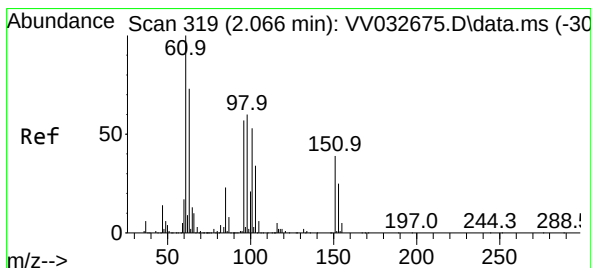
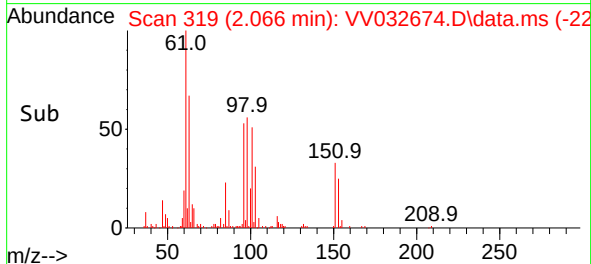
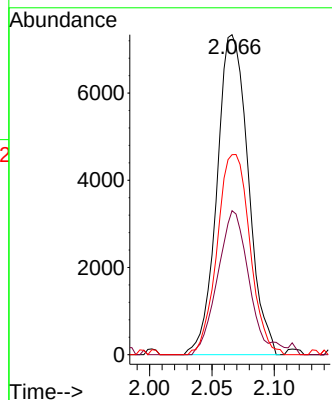
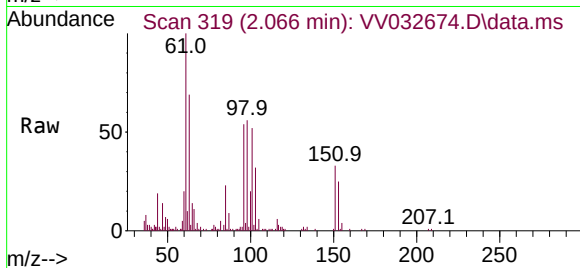
Tgt Ion:101 Resp: 12840

Ion Ratio Lower Upper

101 100

85 45.4 36.2 54.4

151 65.5 59.0 88.6



#12

1,1-Dichloroethene

Concen: 1.078 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

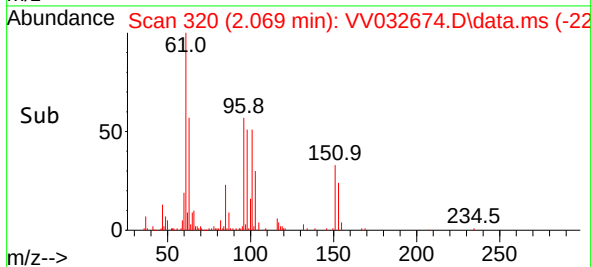
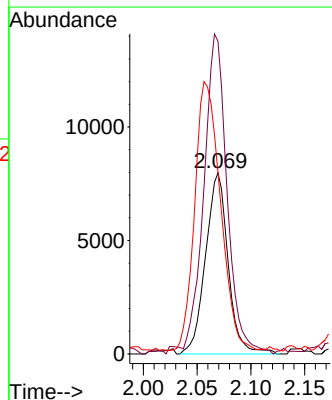
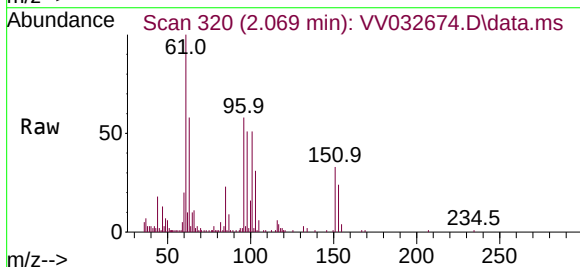
Tgt Ion: 96 Resp: 11634

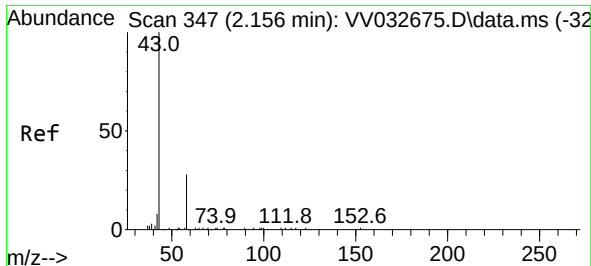
Ion Ratio Lower Upper

96 100

61 172.7 122.3 227.1

63 100.3 89.4 166.0





#13

Acetone

Concen: 2.118 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

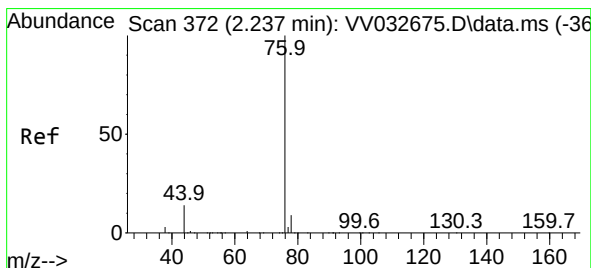
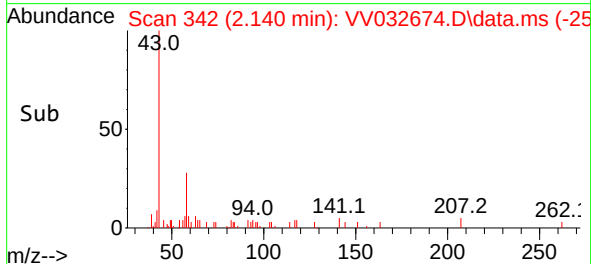
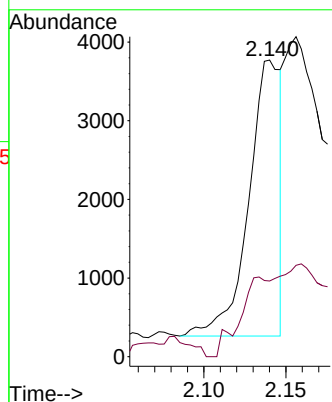
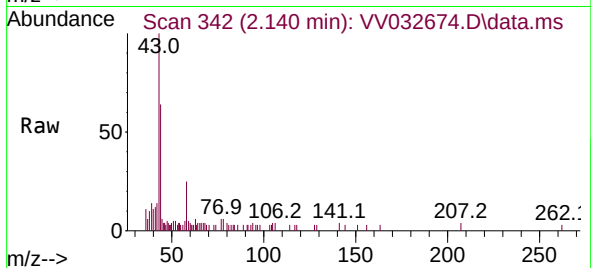
ClientSampleId :

Tgt Ion: 43 Resp: 4730

Ion Ratio Lower Upper

43 100

58 27.1 0.0 50.6



#14

Carbon disulfide

Concen: 0.972 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV032674.D

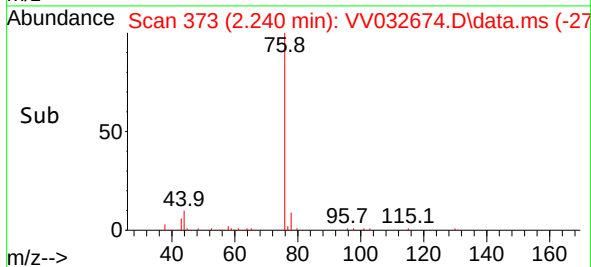
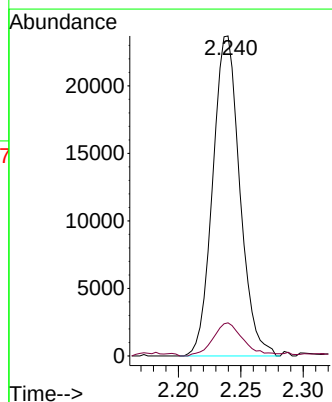
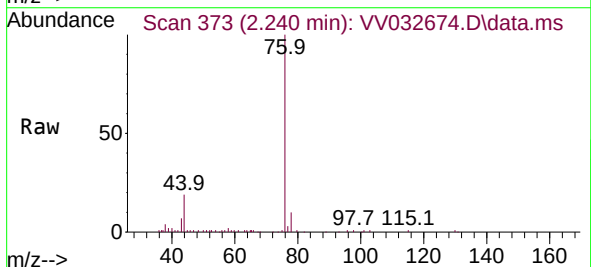
Acq: 27 Oct 2023 10:47

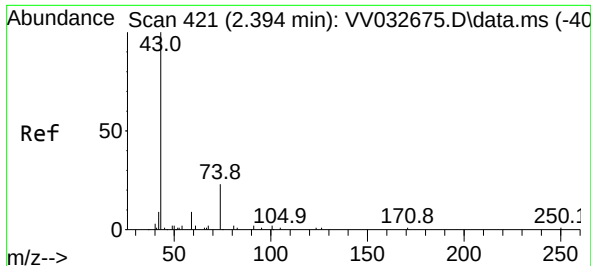
Tgt Ion: 76 Resp: 35888

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2

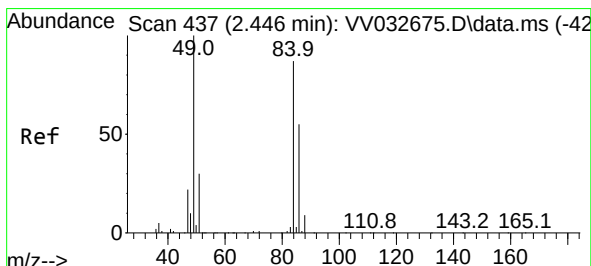
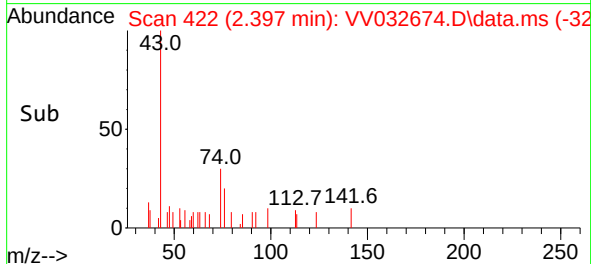
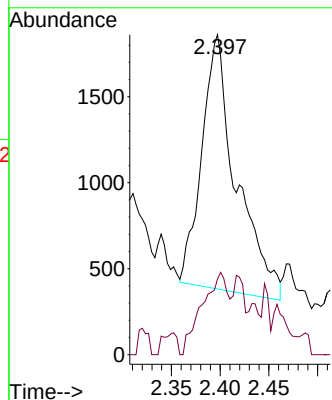
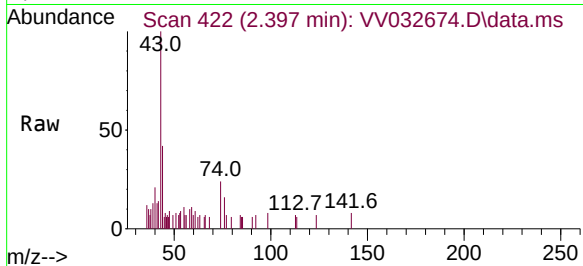




#15
Methyl Acetate
Concen: 0.743 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

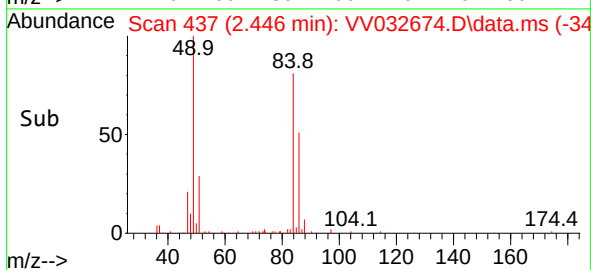
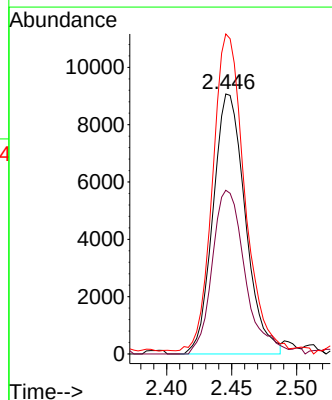
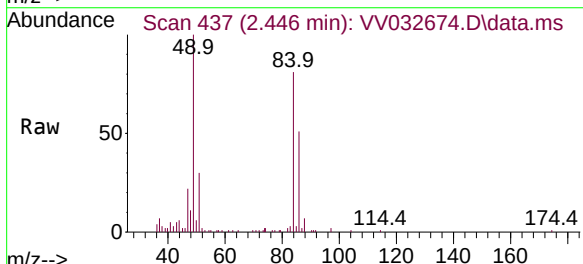
Instrument :
MSVOA_V
ClientSampleId :

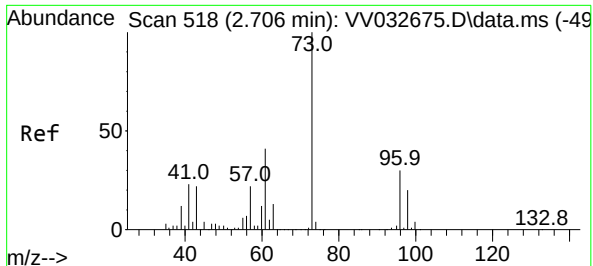
Tgt Ion: 43 Resp: 3634
Ion Ratio Lower Upper
43 100
74 24.4 23.1 34.7



#16
Methylene chloride
Concen: 1.122 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion: 84 Resp: 15658
Ion Ratio Lower Upper
84 100
86 62.9 44.8 83.2
49 123.1 81.1 150.5





#17

Methyl tert-butyl Ether

Concen: 0.865 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

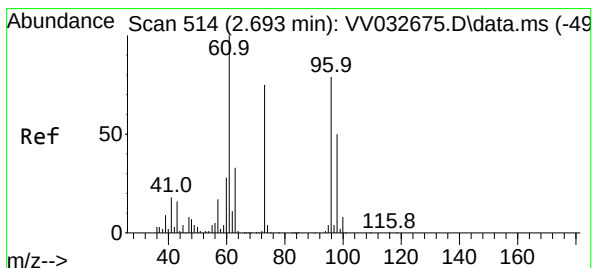
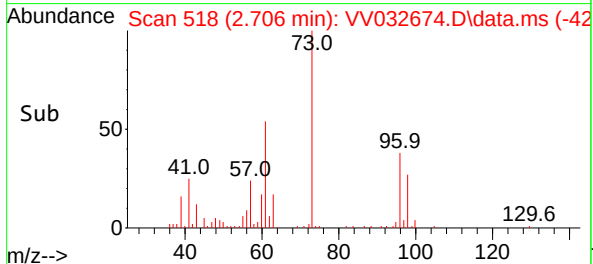
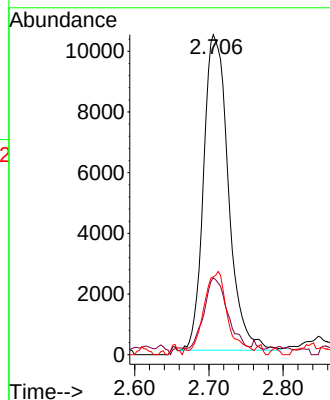
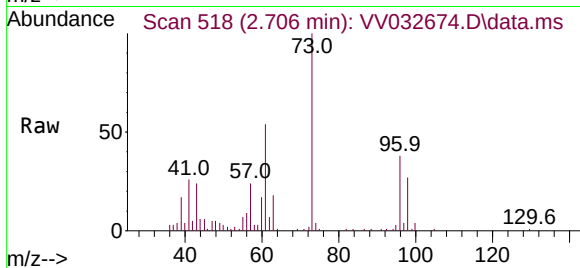
Tgt Ion: 73 Resp: 24089

Ion Ratio Lower Upper

73 100

43 22.8 16.6 24.8

57 25.6 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 0.991 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

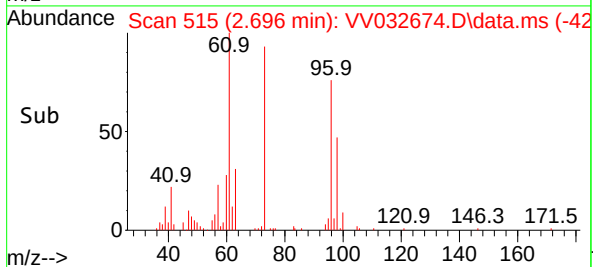
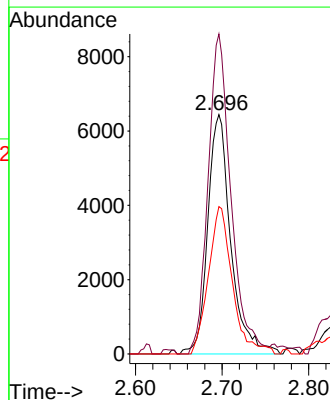
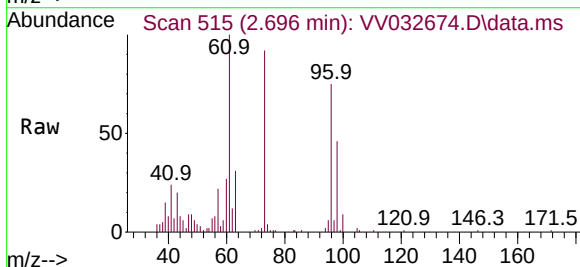
Tgt Ion: 96 Resp: 11884

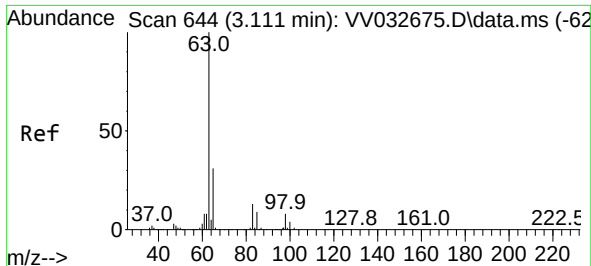
Ion Ratio Lower Upper

96 100

61 133.7 88.7 164.7

98 61.5 44.4 82.4

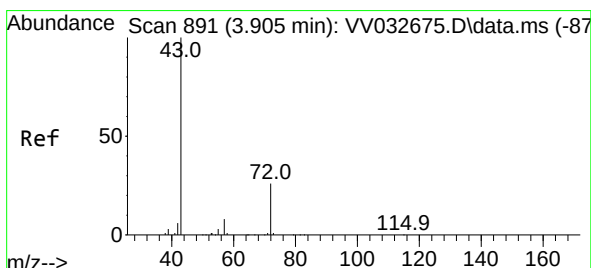
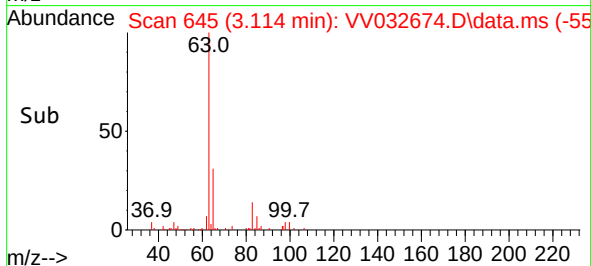
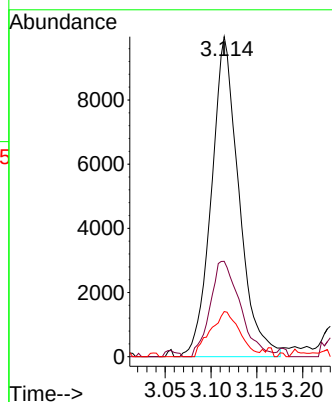
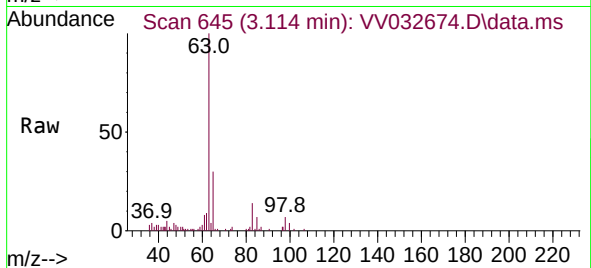




#19
1,1-Dichloroethane
Concen: 0.933 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

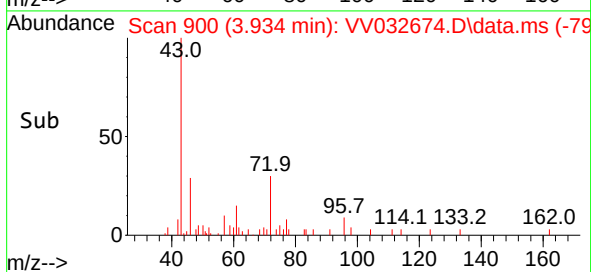
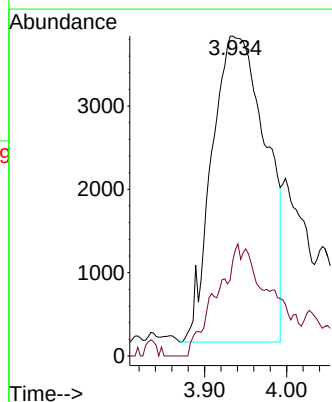
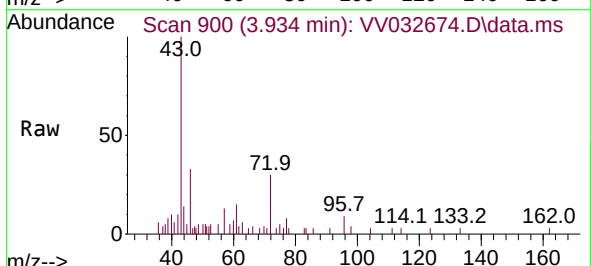
Instrument :
MSVOA_V
ClientSampleId :

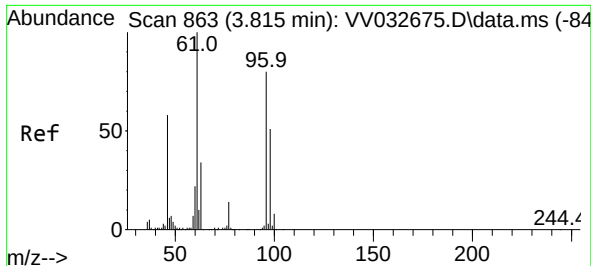
Tgt Ion: 63 Resp: 20736
Ion Ratio Lower Upper
63 100
65 31.2 21.5 39.9
83 14.1 9.2 17.0



#21
2-Butanone
Concen: 4.869 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.029 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

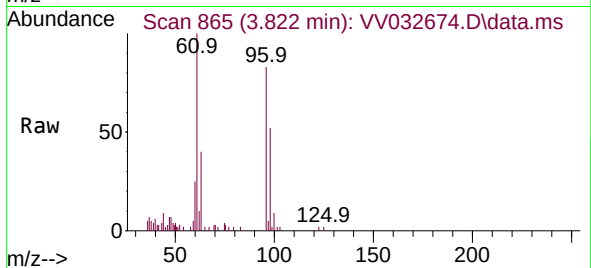
Tgt Ion: 43 Resp: 16710
Ion Ratio Lower Upper
43 100
72 16.5 10.4 31.2



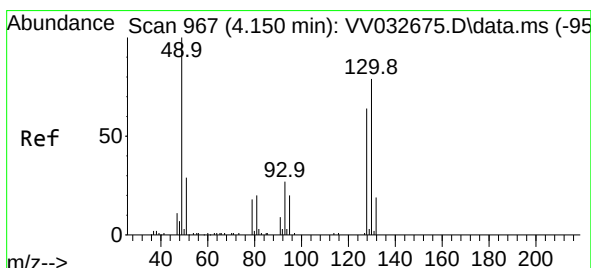
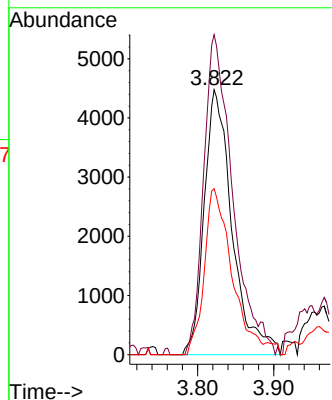
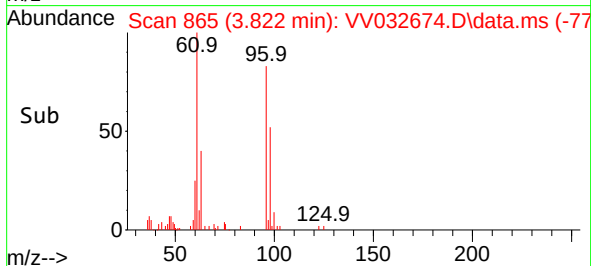


#22
 cis-1,2-Dichloroethene
 Concen: 0.901 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

Instrument :
 MSVOA_V
 ClientSampleId :

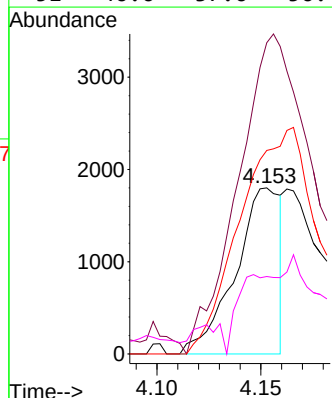
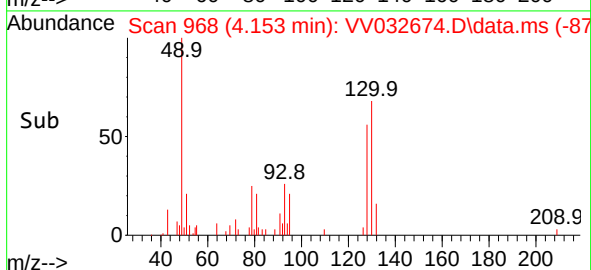
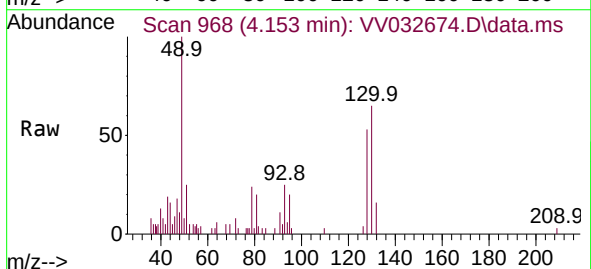


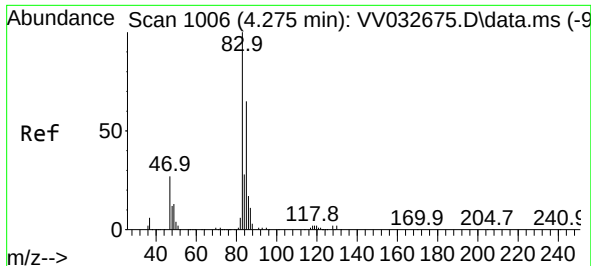
Tgt Ion: 96	Resp: 11450		
Ion Ratio	Lower	Upper	
96	100		
61	120.8	87.7	162.9
98	62.6	45.0	83.6



#23
 Bromochloromethane
 Concen: 0.495 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

Tgt	Ion:128	Resp:	2708
Ion	Ratio	Lower	Upper
128	100		
49	187.4	110.4	205.0
130	122.6	86.8	161.2
51	46.6	37.6	56.4

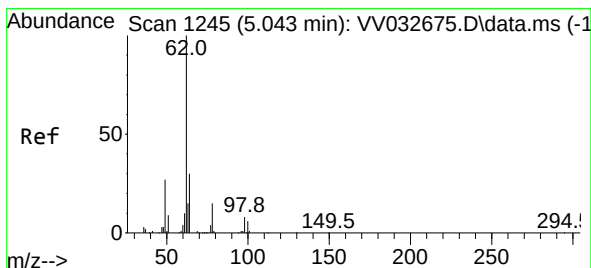
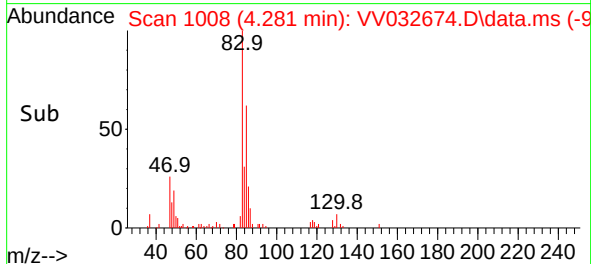
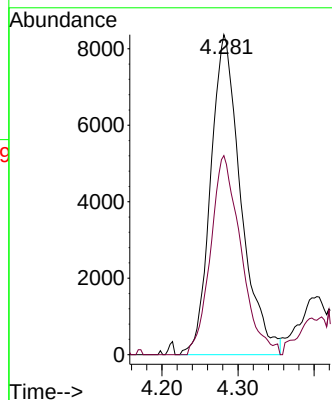
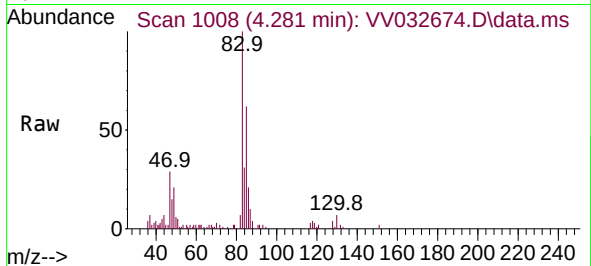




#25
Chloroform
Concen: 1.032 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

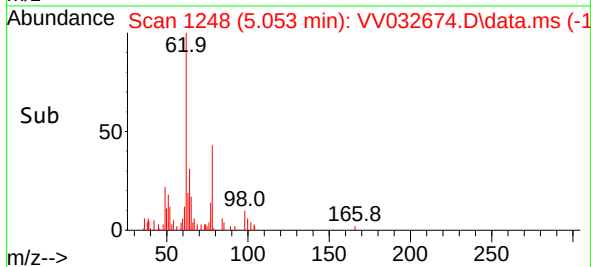
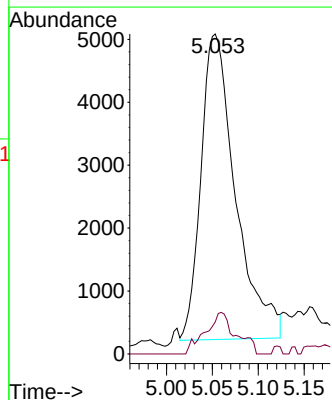
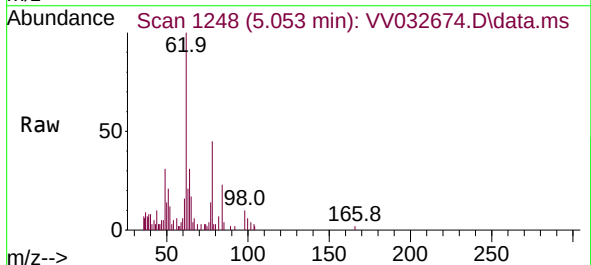
Instrument :
MSVOA_V
ClientSampleId :

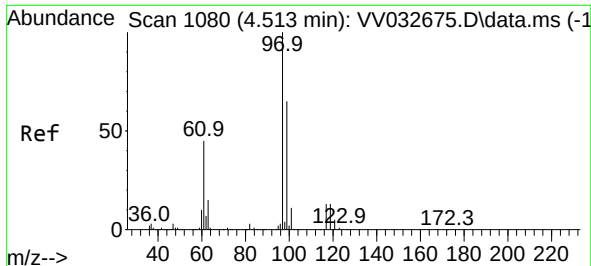
Tgt Ion: 83 Resp: 23058
Ion Ratio Lower Upper
83 100
85 62.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.953 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.010 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion: 62 Resp: 12723
Ion Ratio Lower Upper
62 100
98 10.0 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 0.931 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

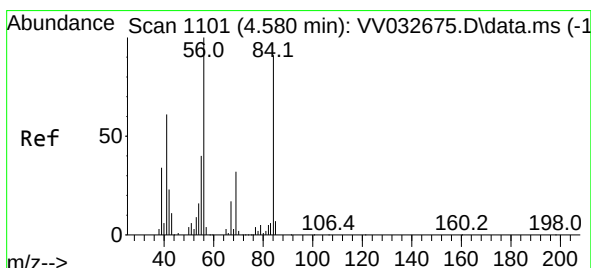
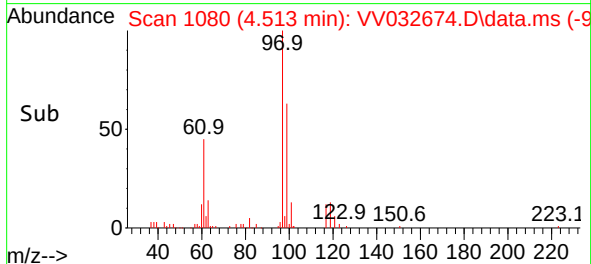
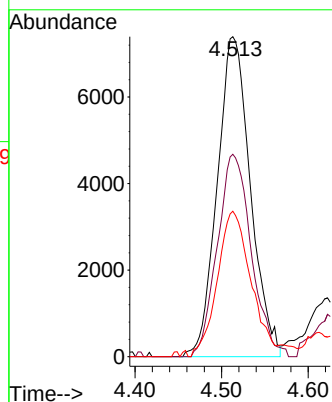
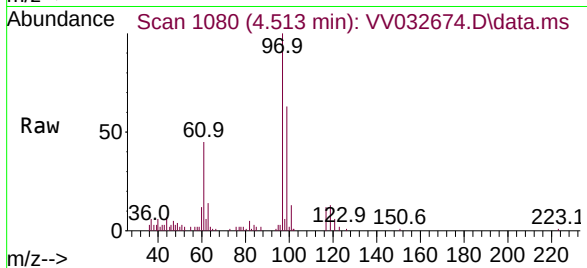
Tgt Ion: 97 Resp: 19695

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 45.8 36.1 54.1



#30

Cyclohexane

Concen: 0.674 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

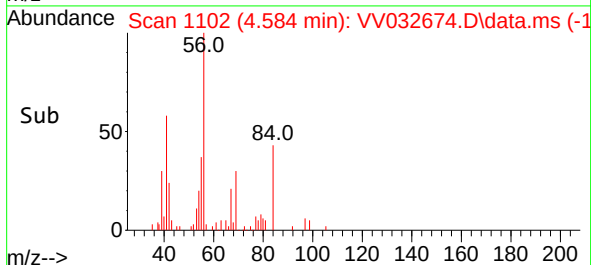
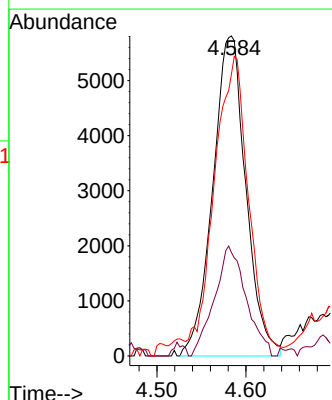
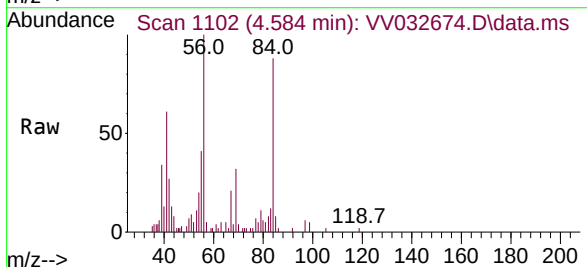
Tgt Ion: 56 Resp: 15016

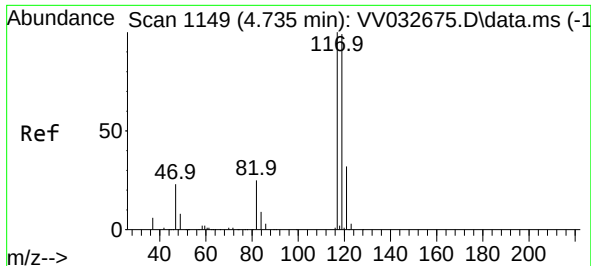
Ion Ratio Lower Upper

56 100

69 33.0 25.0 37.6

84 90.0 72.9 109.3

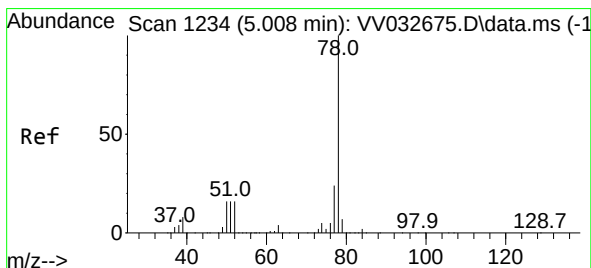
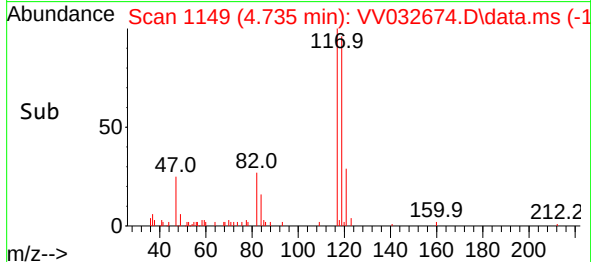
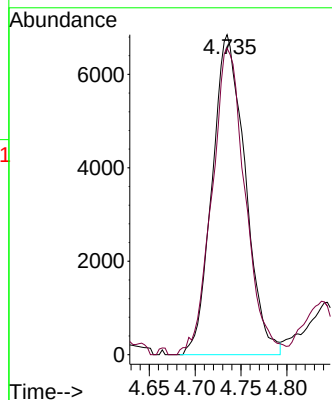
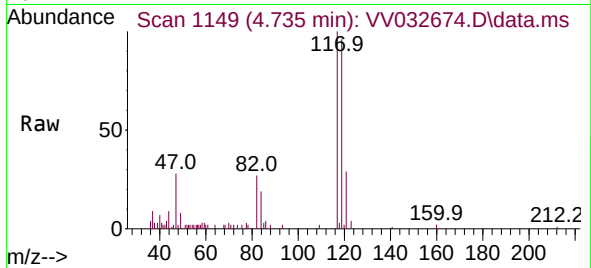




#31
Carbon tetrachloride
Concen: 0.948 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

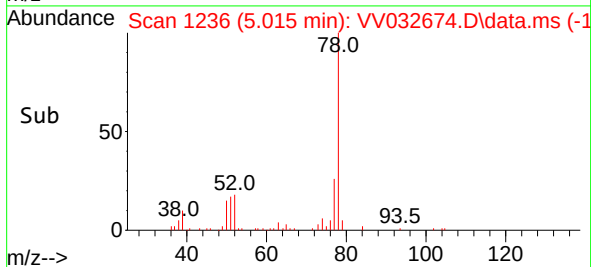
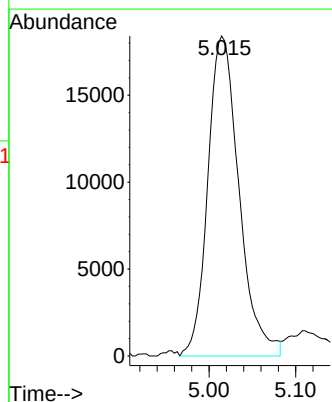
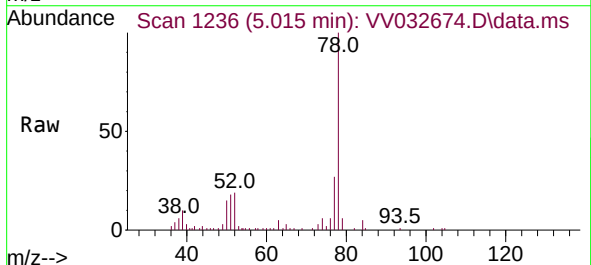
Instrument :
MSVOA_V
ClientSampleId :

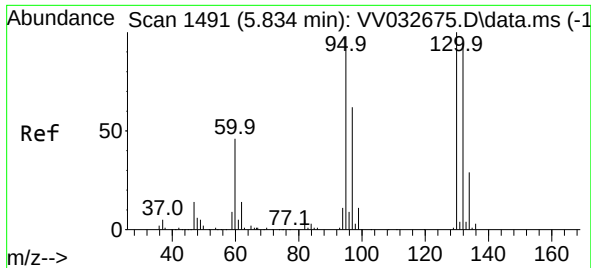
Tgt Ion:117 Resp: 17141
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.6



#33
Benzene
Concen: 0.846 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

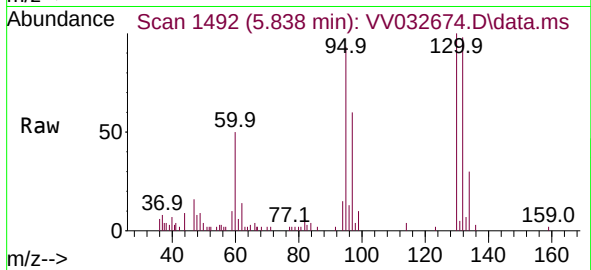
Tgt Ion: 78 Resp: 46126



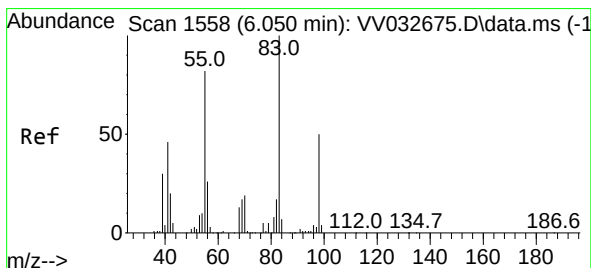
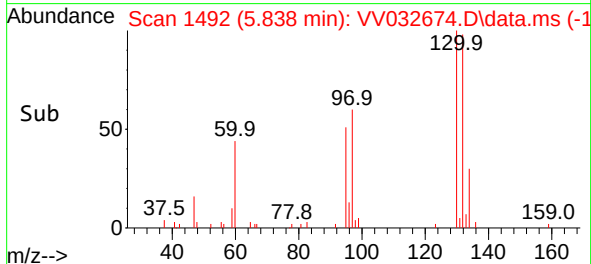
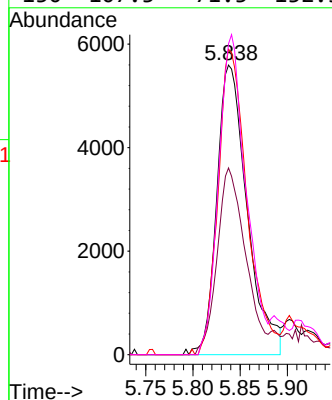


#34
 Trichloroethene
 Concen: 0.847 ug/L
 RT: 5.838 min Scan# 1491
 Delta R.T. 0.003 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

Instrument :
 MSVOA_V
 ClientSampleId :

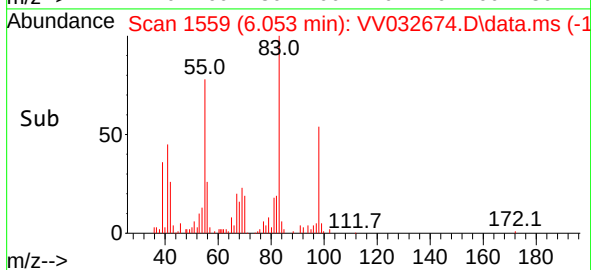
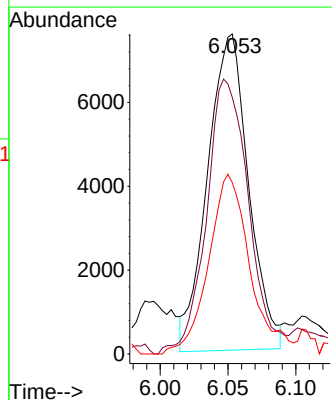
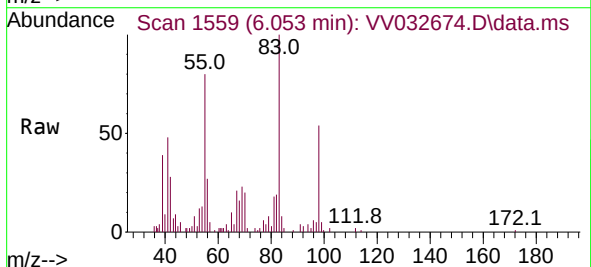


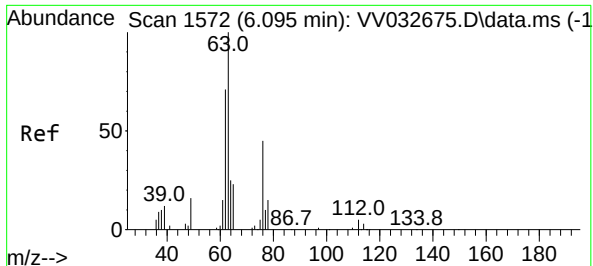
Tgt Ion: 95	Resp: 12489
Ion Ratio	Lower Upper
95 100	
97 64.5	44.0 81.8
132 105.4	66.9 124.3
130 107.3	71.3 132.3



#35
 Methylcyclohexane
 Concen: 0.695 ug/L
 RT: 6.053 min Scan# 1559
 Delta R.T. 0.003 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

Tgt Ion: 83	Resp: 15922
Ion Ratio	Lower Upper
83 100	
55 89.7	59.6 89.4#
98 57.0	39.1 58.7





#37

1,2-Dichloropropane

Concen: 0.834 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

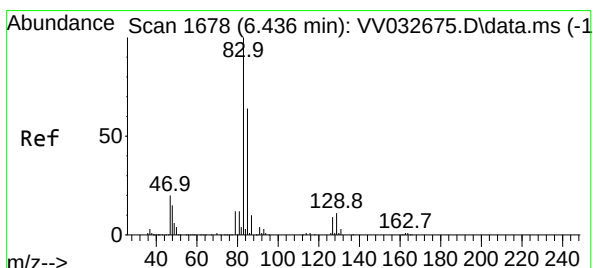
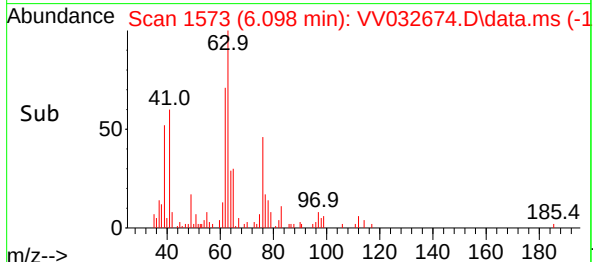
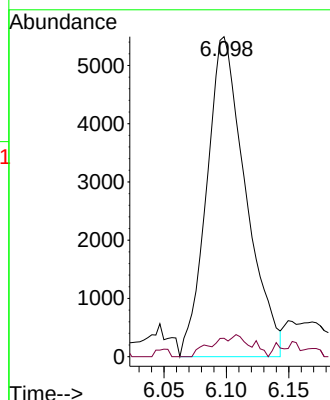
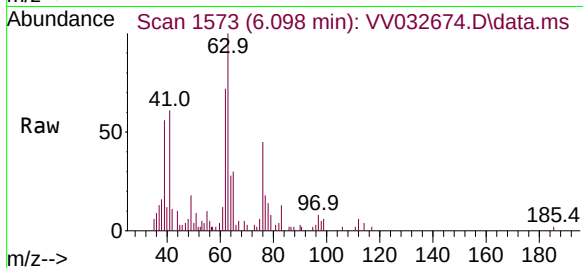
ClientSampleId :

Tgt Ion: 63 Resp: 11925

Ion Ratio Lower Upper

63 100

112 5.9 4.6 7.0



#38

Bromodichloromethane

Concen: 1.042 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

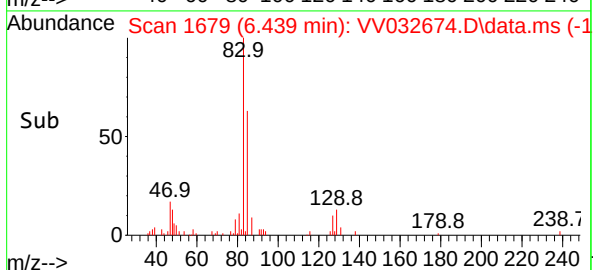
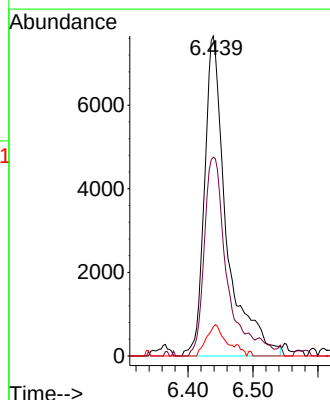
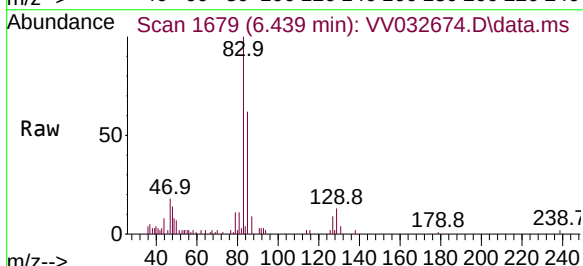
Tgt Ion: 83 Resp: 18112

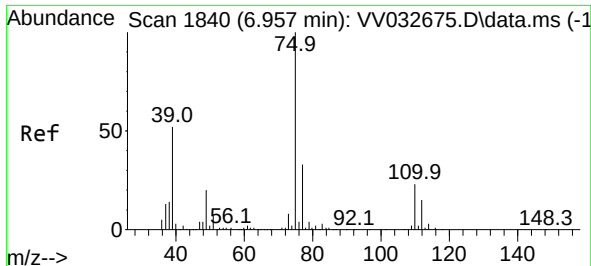
Ion Ratio Lower Upper

83 100

85 62.1 44.9 83.5

127 9.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

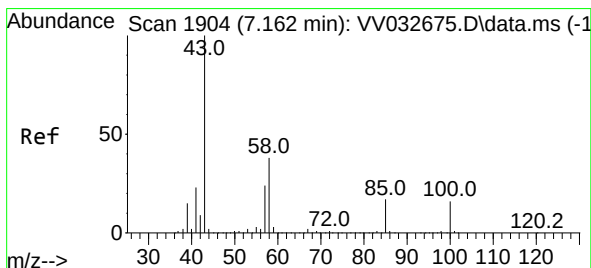
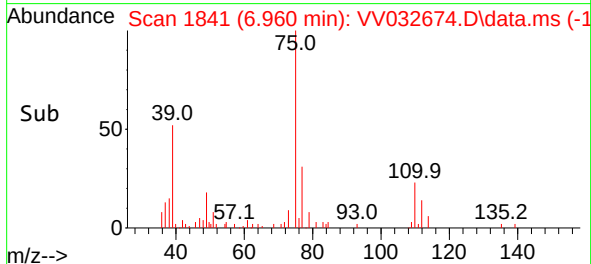
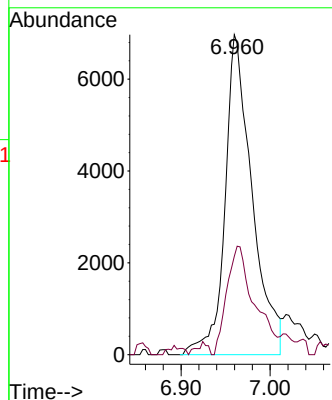
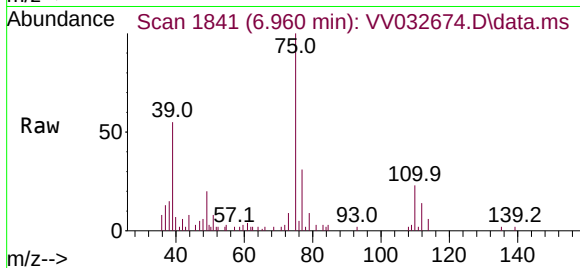
ClientSampleId :

Tgt Ion: 75 Resp: 14746

Ion Ratio Lower Upper

75 100

77 30.7 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 7.045 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

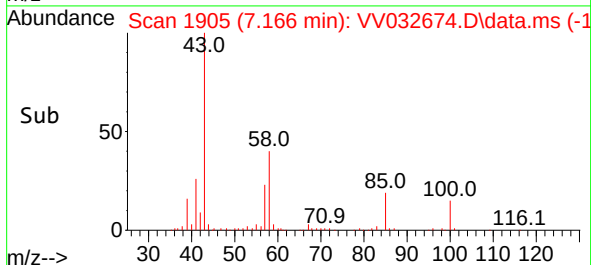
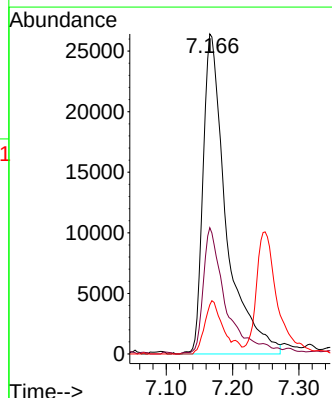
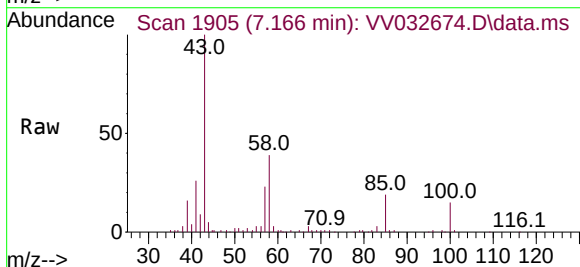
Tgt Ion: 43 Resp: 64123

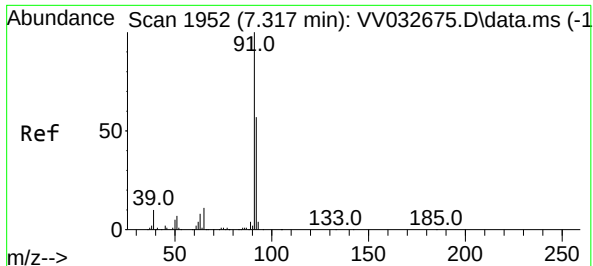
Ion Ratio Lower Upper

43 100

58 38.0 31.3 46.9

100 13.8 12.2 18.4





#42

Toluene

Concen: 0.843 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

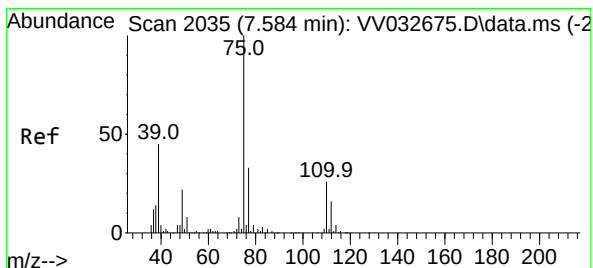
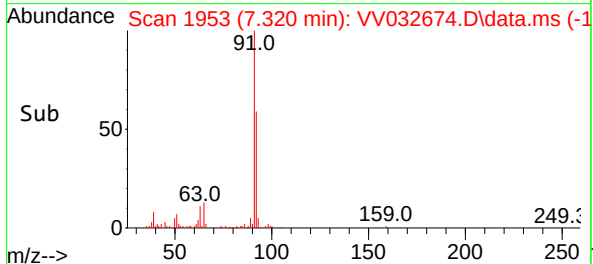
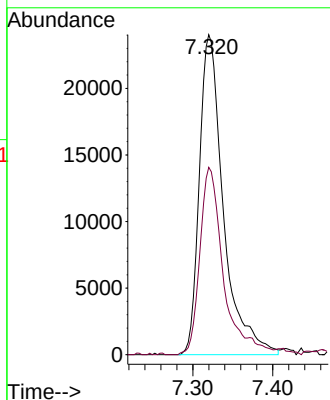
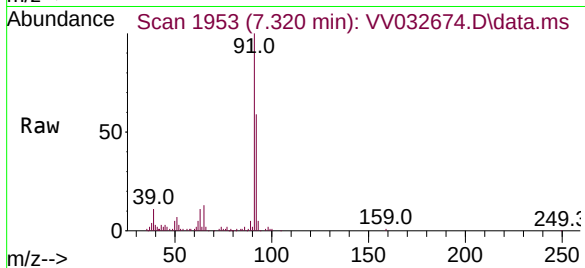
ClientSampleId :

Tgt Ion: 91 Resp: 50259

Ion Ratio Lower Upper

91 100

92 58.5 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 0.738 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.006 min

Lab File: VV032674.D

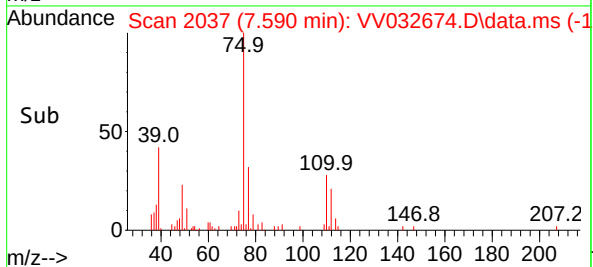
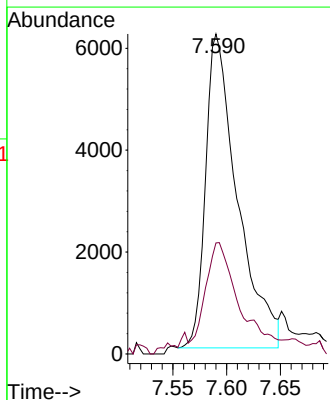
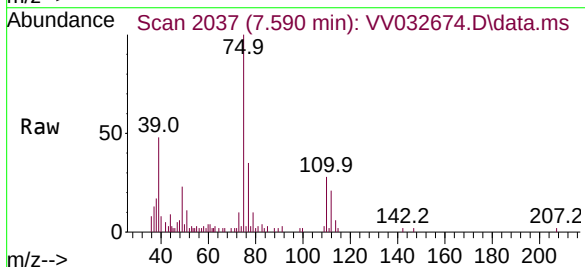
Acq: 27 Oct 2023 10:47

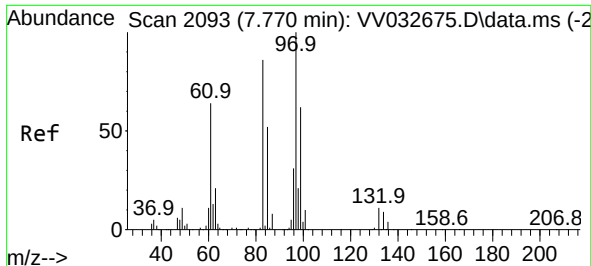
Tgt Ion: 75 Resp: 12689

Ion Ratio Lower Upper

75 100

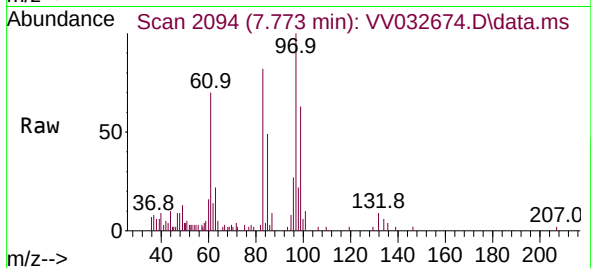
77 34.7 23.4 43.4



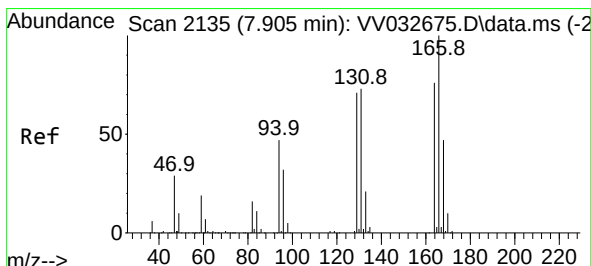
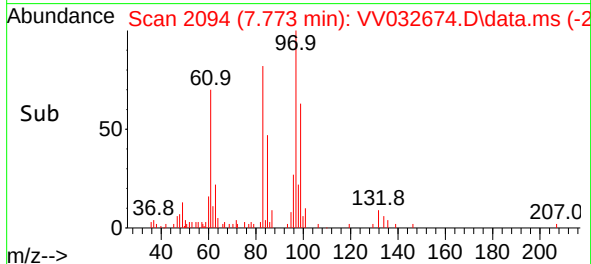
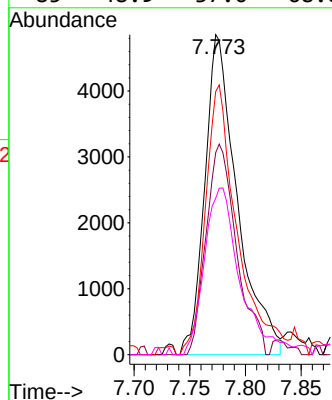


#45
1,1,2-Trichloroethane
Concen: 0.949 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

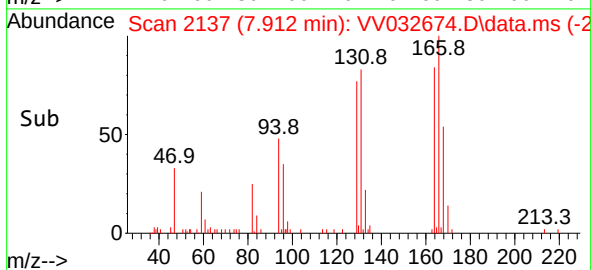
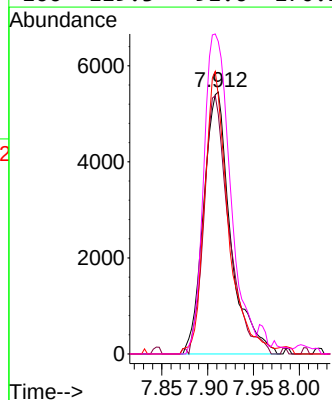
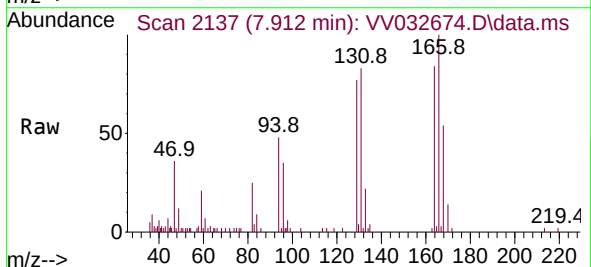


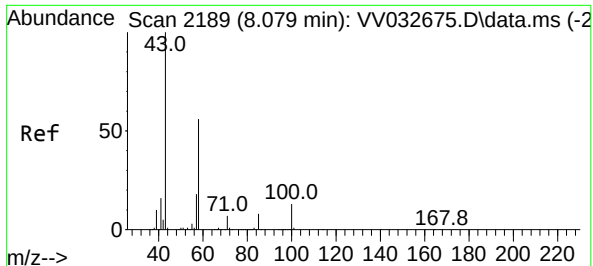
Tgt Ion:	97	Resp:	9862
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.0	81.8
83	82.3	59.9	111.3
85	48.9	37.0	68.8



#47
Tetrachloroethene
Concen: 0.962 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion:	164	Resp:	11186
Ion	Ratio	Lower	Upper
164	100		
129	91.5	65.3	121.3
131	98.8	66.6	123.8
166	119.3	91.6	170.2

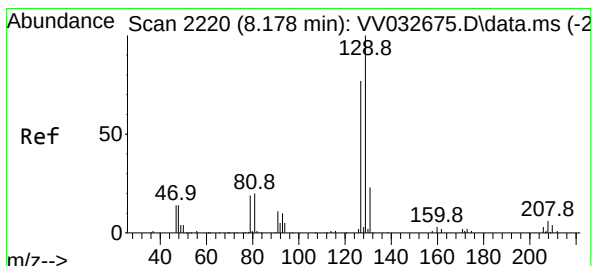
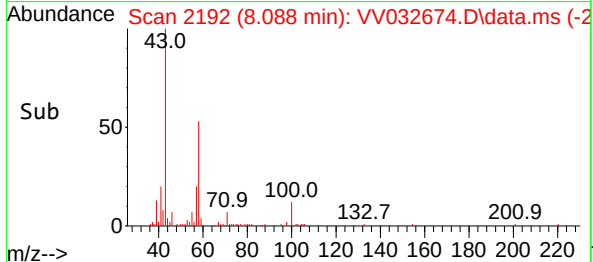
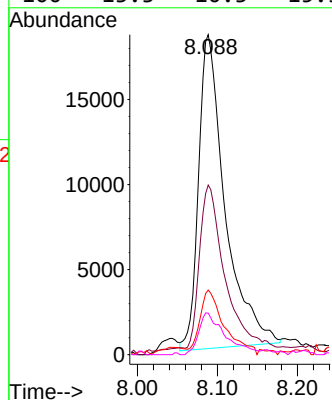
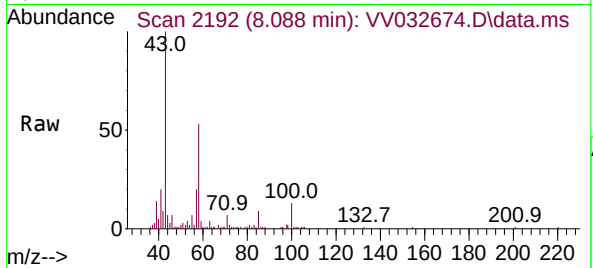




#48
2-Hexanone
Concen: 6.660 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

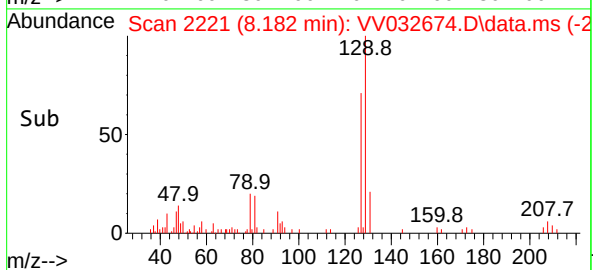
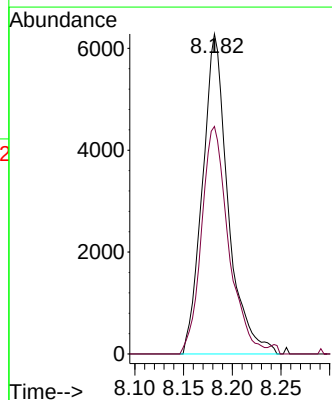
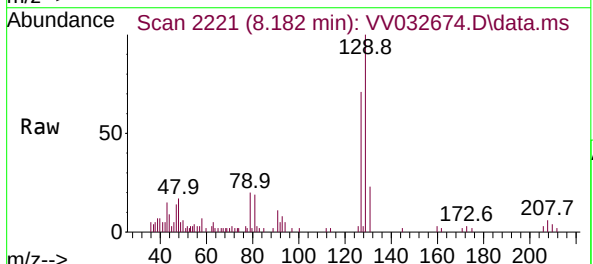
Instrument :
MSVOA_V
ClientSampleId :

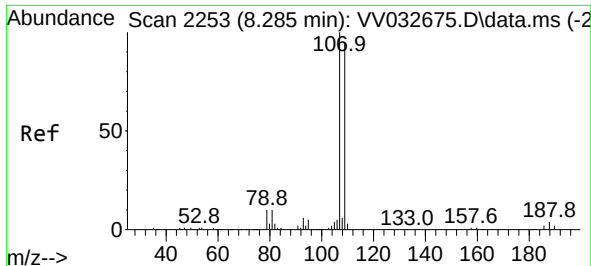
Tgt Ion: 43	Resp: 42560
Ion Ratio	Lower Upper
43 100	
58 48.9	43.8 65.6
57 19.0	15.1 22.7
100 13.3	10.3 15.5



#49
Dibromochloromethane
Concen: 1.031 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion:129	Resp:	11475	
Ion	Ratio	Lower	Upper
129	100		
127	71.1	54.0	100.4





#50

1,2-Dibromoethane

Concen: 0.896 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

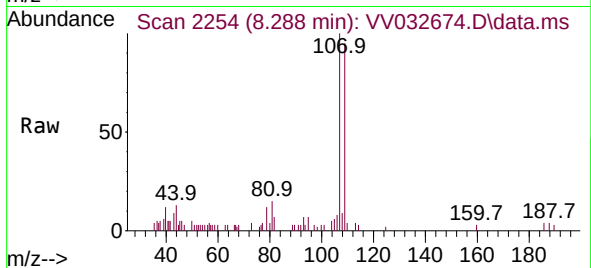
Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :



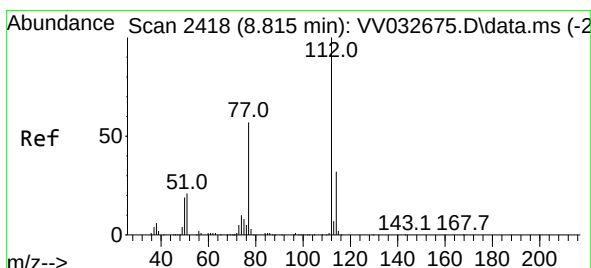
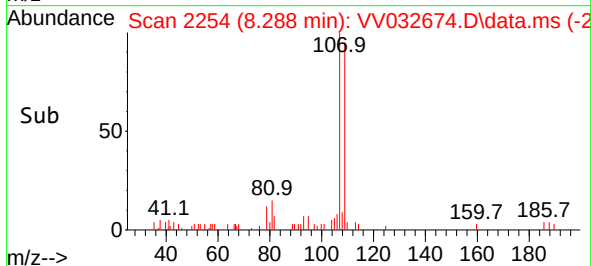
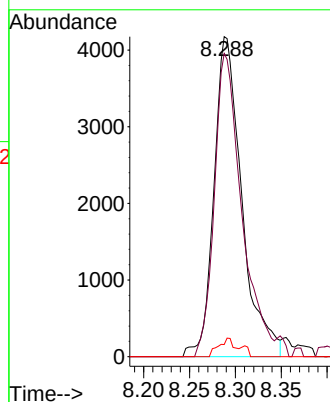
Tgt Ion:107 Resp: 8808

Ion Ratio Lower Upper

107 100

109 94.8 66.4 123.4

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 0.964 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

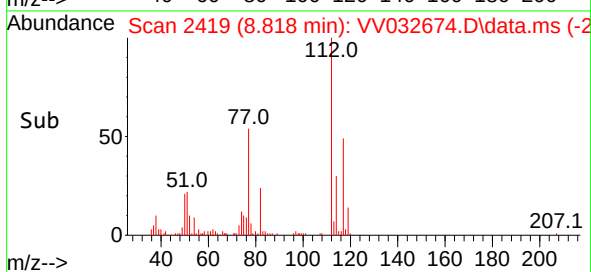
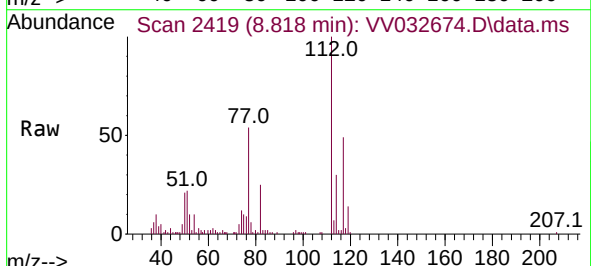
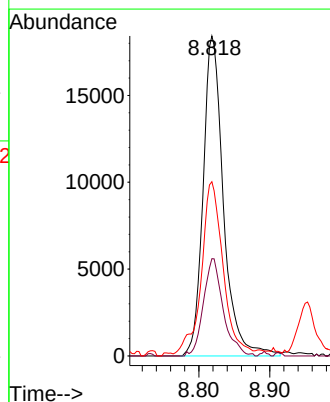
Tgt Ion:112 Resp: 36797

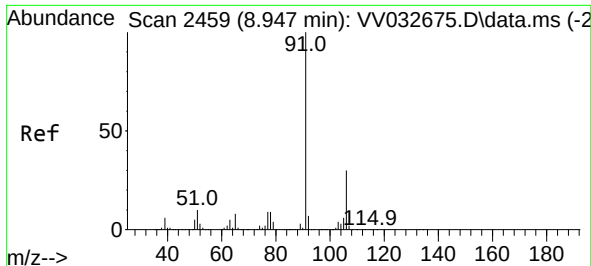
Ion Ratio Lower Upper

112 100

114 30.4 22.7 42.3

77 54.5 45.7 68.5

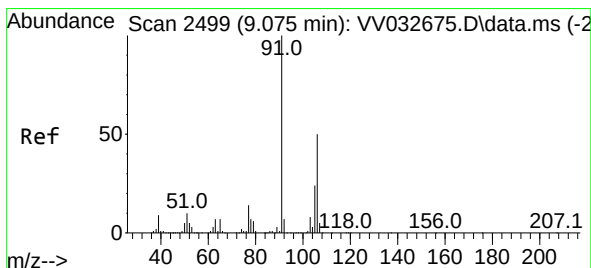
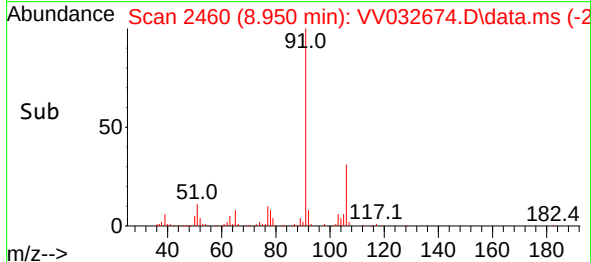
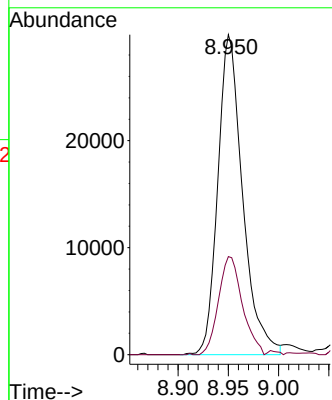
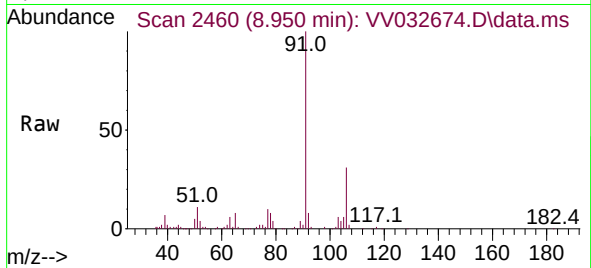




#52
Ethylbenzene
Concen: 0.784 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

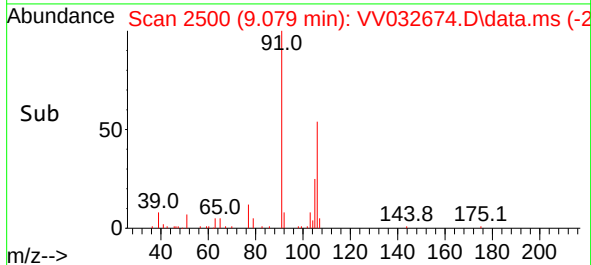
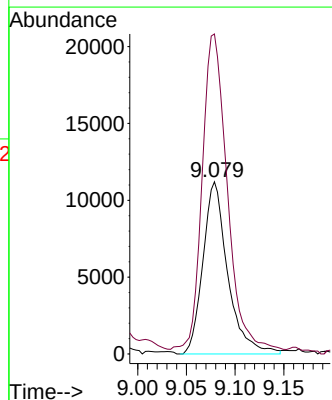
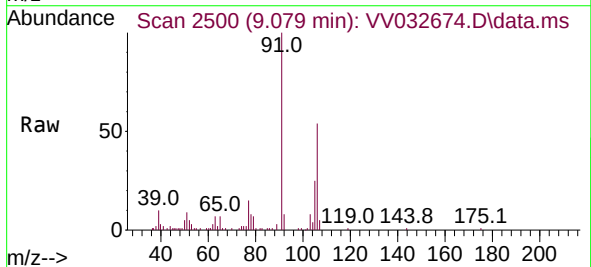
Instrument :
MSVOA_V
ClientSampleId :

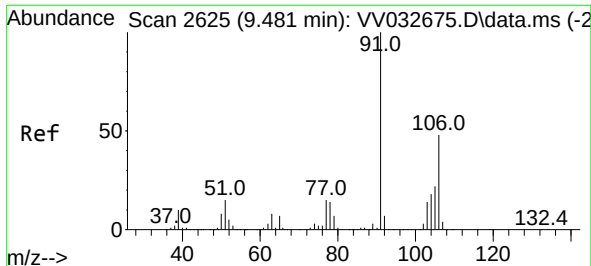
Tgt Ion: 91 Resp: 51252
Ion Ratio Lower Upper
91 100
106 30.6 20.9 38.9



#53
m,p-Xylene
Concen: 0.817 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion: 106 Resp: 19841
Ion Ratio Lower Upper
106 100
91 185.8 139.3 258.7

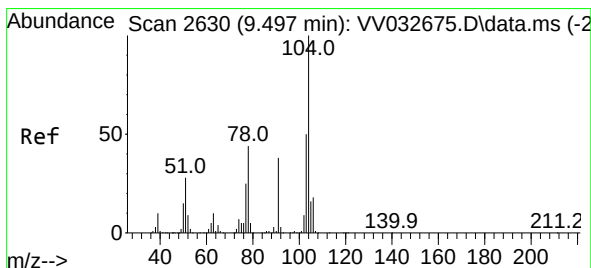
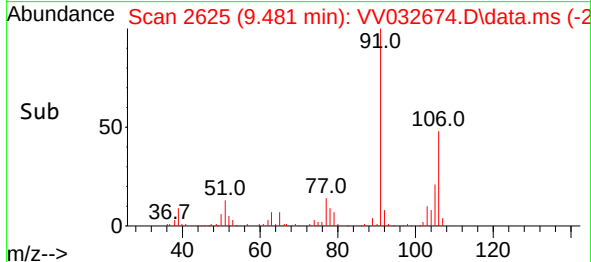
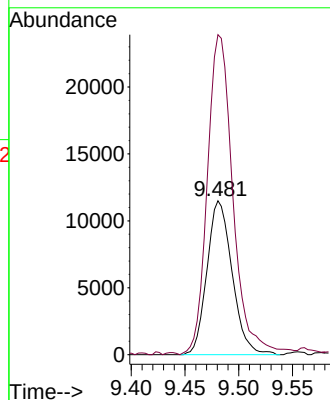
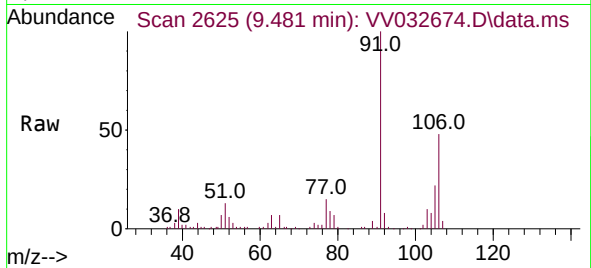




#54
o-Xylene
Concen: 0.796 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

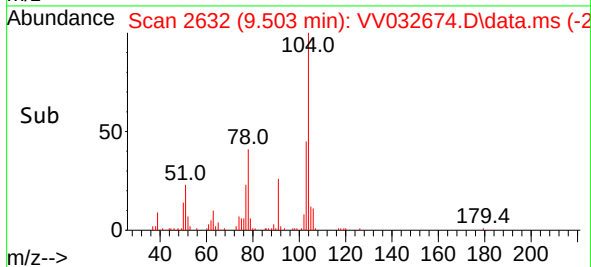
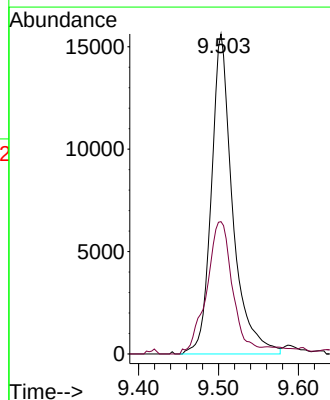
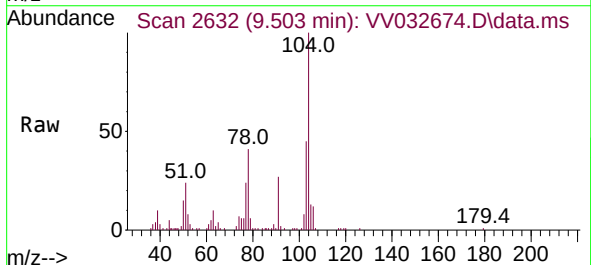
Instrument :
MSVOA_V
ClientSampleId :

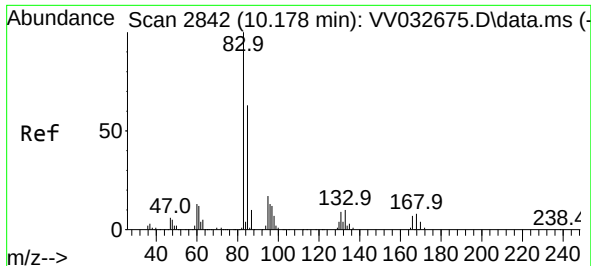
Tgt Ion:106 Resp: 18738
Ion Ratio Lower Upper
106 100
91 207.9 147.4 273.8



#55
Styrene
Concen: 0.730 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.006 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion:104 Resp: 28891
Ion Ratio Lower Upper
104 100
78 41.4 30.5 56.7

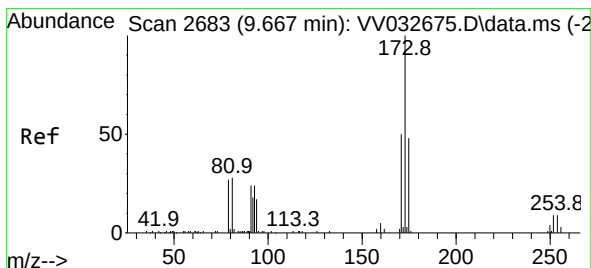
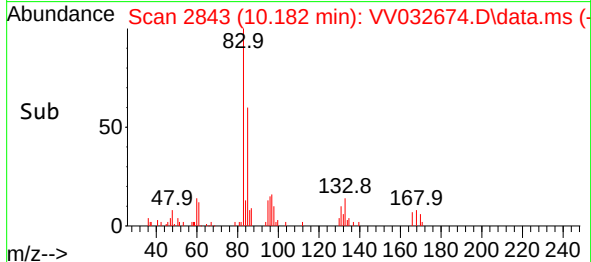
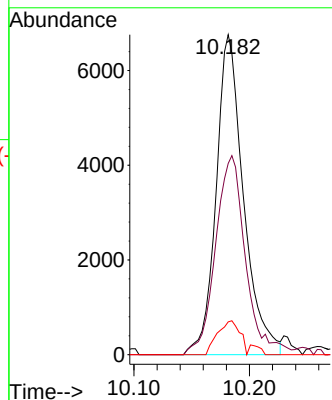
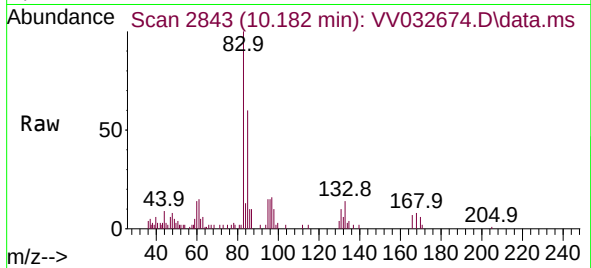




#57
1,1,2-Tetrachloroethane
Concen: 0.963 ug/L
RT: 10.182 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

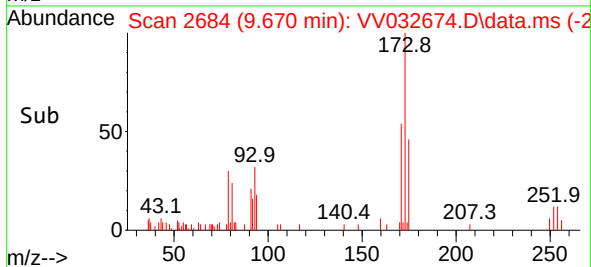
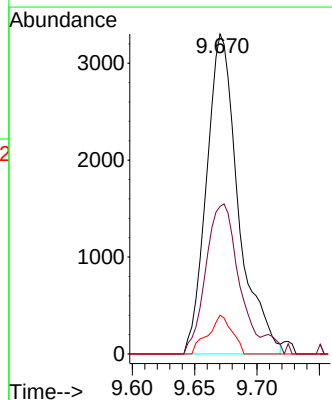
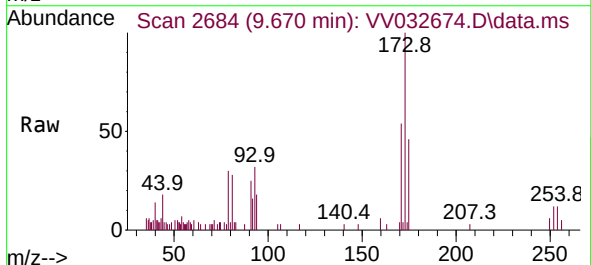
Instrument :
MSVOA_V
ClientSampleId :

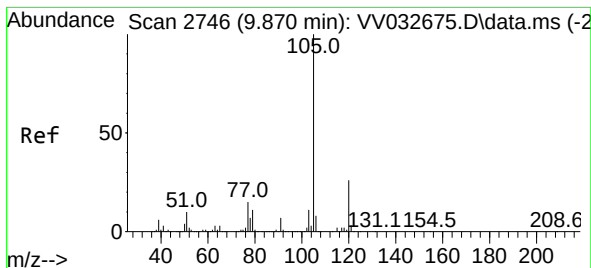
Tgt Ion: 83 Resp: 11134
Ion Ratio Lower Upper
83 100
85 59.8 44.0 81.8
131 10.3 7.8 11.8



#59
Bromoform
Concen: 1.037 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion: 173 Resp: 5851
Ion Ratio Lower Upper
173 100
175 48.1 38.4 57.6
254 9.1 6.9 10.3





#60

Isopropylbenzene

Concen: 0.786 ug/L

RT: 9.870 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032674.D

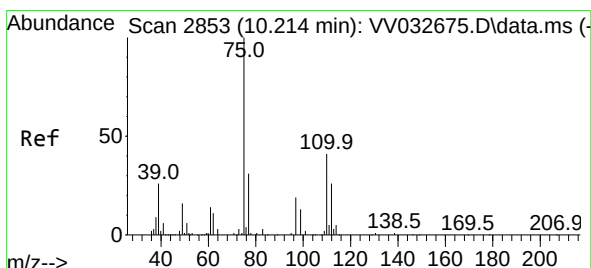
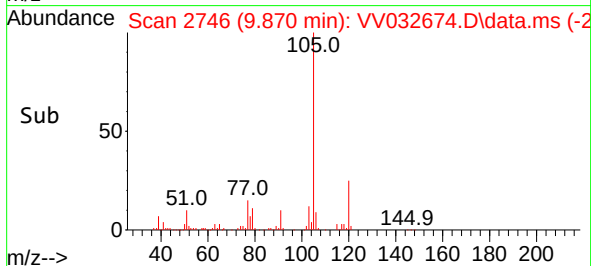
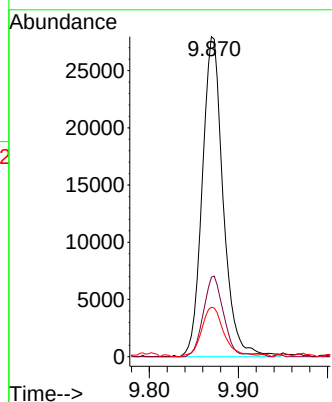
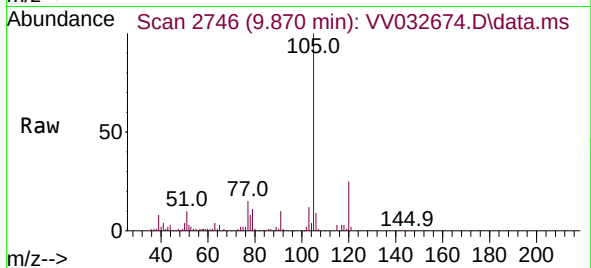
Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	45551
Ion	Ratio	Lower	Upper
105	100		
120	24.3	21.0	31.6
77	16.6	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 0.974 ug/L

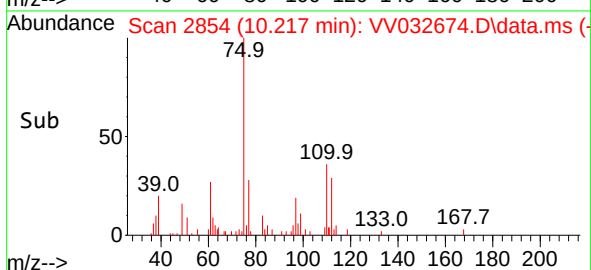
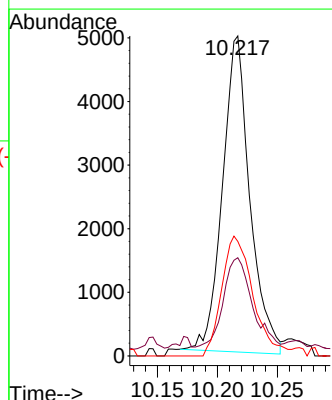
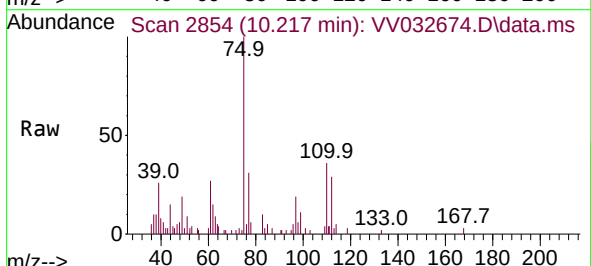
RT: 10.217 min Scan# 2854

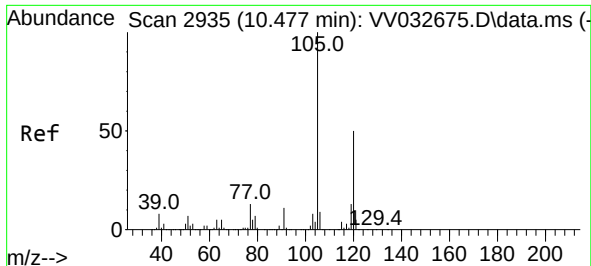
Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Tgt Ion:	75	Resp:	7870
Ion	Ratio	Lower	Upper
75	100		
77	29.3	24.5	36.7
110	43.3	32.3	48.5

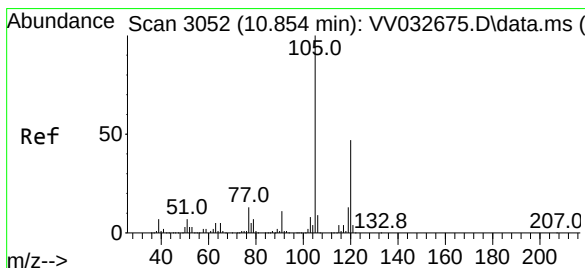
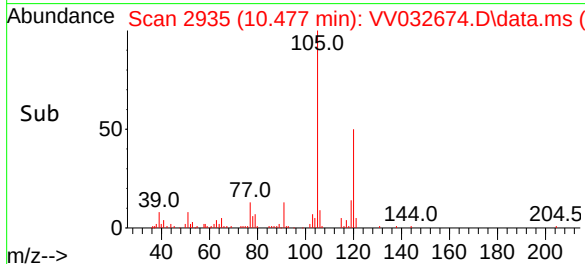
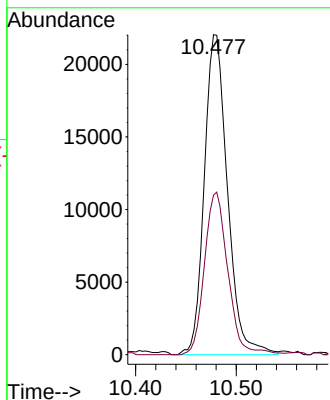
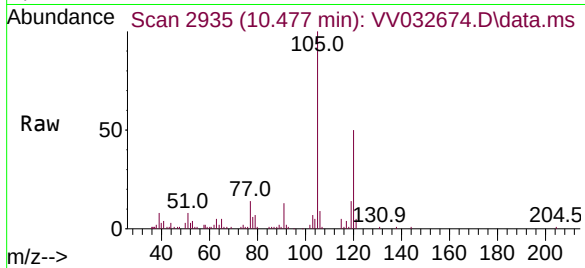




#62
 1,3,5-Trimethylbenzene
 Concen: 0.750 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

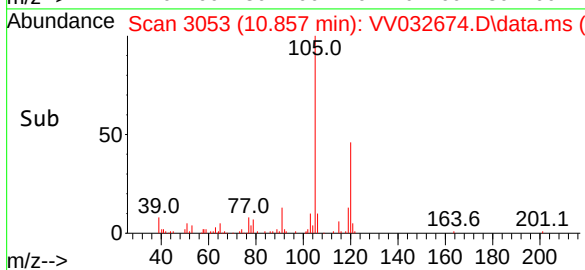
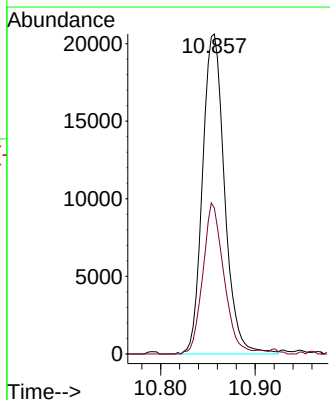
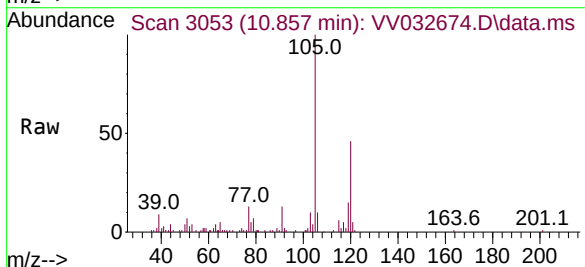
Instrument :
 MSVOA_V
 ClientSampleId :

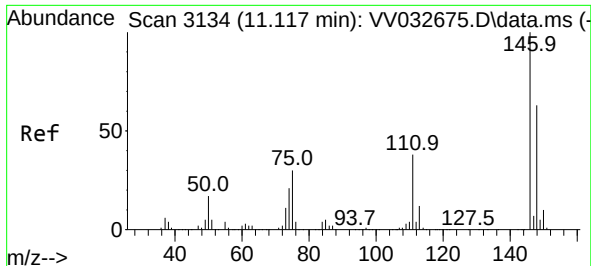
Tgt Ion:105 Resp: 35404
 Ion Ratio Lower Upper
 105 100
 120 51.2 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 0.710 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032674.D
 Acq: 27 Oct 2023 10:47

Tgt Ion:105 Resp: 33396
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.9 55.3

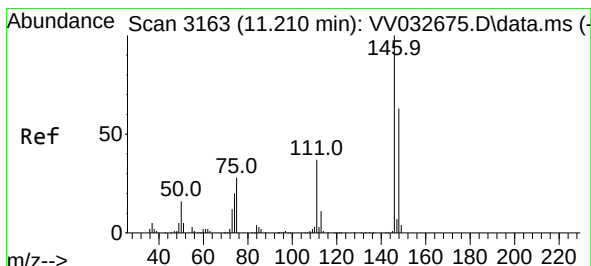
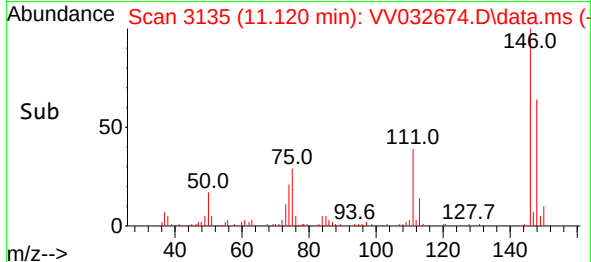
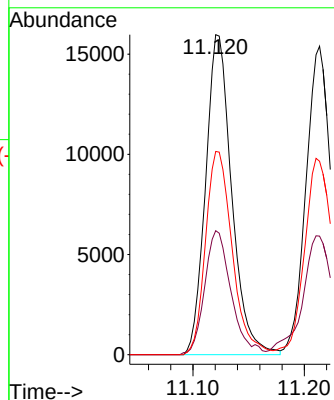
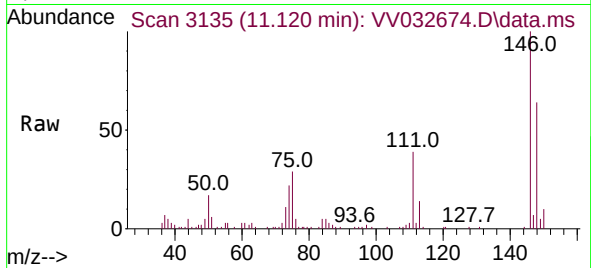




#64
1,3-Dichlorobenzene
Concen: 0.921 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

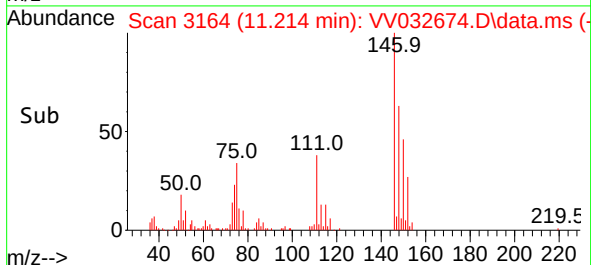
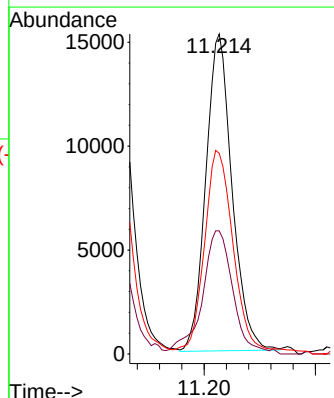
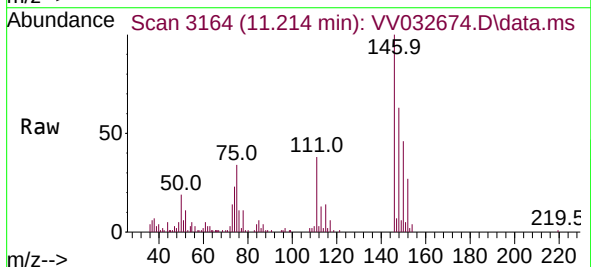
Instrument :
MSVOA_V
ClientSampleId :

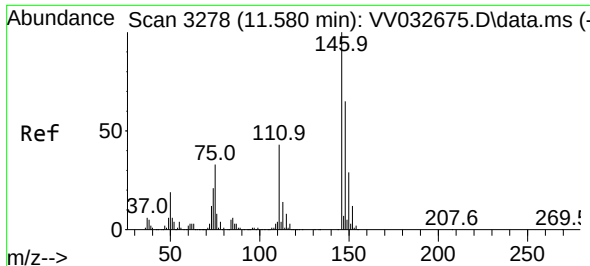
Tgt Ion:146 Resp: 26044
Ion Ratio Lower Upper
146 100
111 38.7 26.8 49.8
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.883 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032674.D
Acq: 27 Oct 2023 10:47

Tgt Ion:146 Resp: 24986
Ion Ratio Lower Upper
146 100
111 38.4 26.2 48.8
148 62.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.923 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

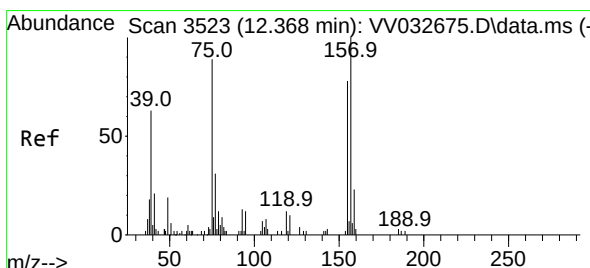
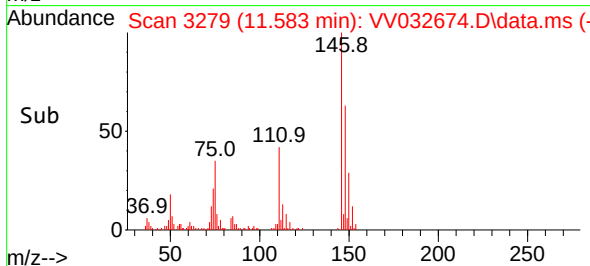
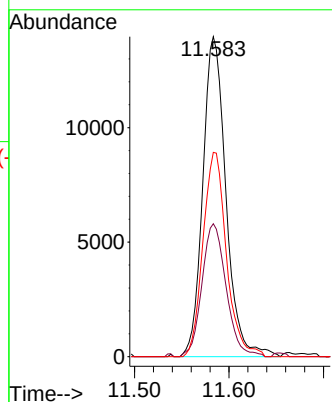
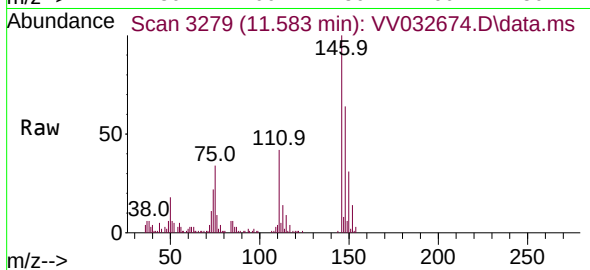
Tgt Ion:146 Resp: 23769

Ion Ratio Lower Upper

146 100

111 41.6 34.2 51.4

148 63.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.772 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

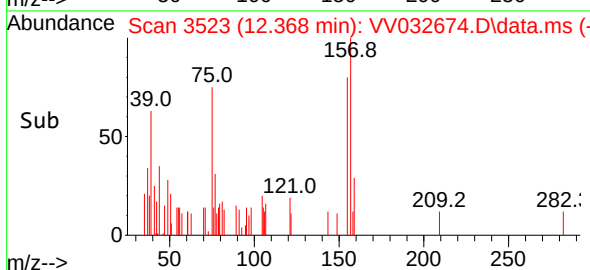
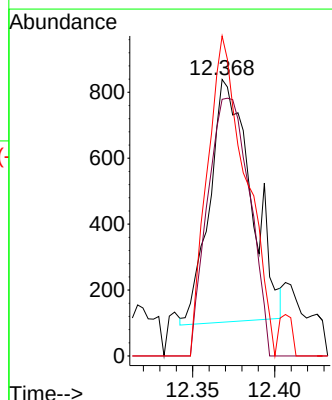
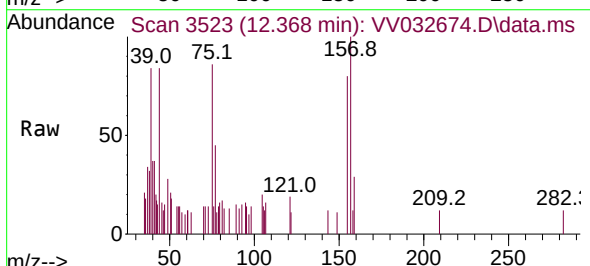
Tgt Ion: 75 Resp: 1285

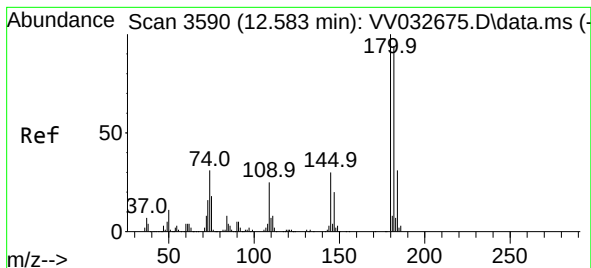
Ion Ratio Lower Upper

75 100

155 92.8 70.1 105.1

157 115.7 90.2 135.2





#69

1,3,5-Trichlorobenzene

Concen: 0.897 ug/L

RT: 12.587 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 18377

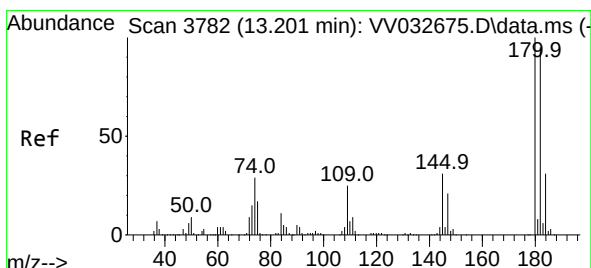
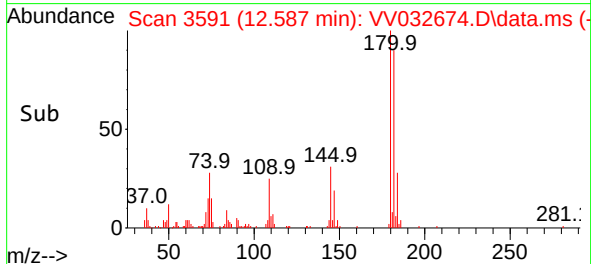
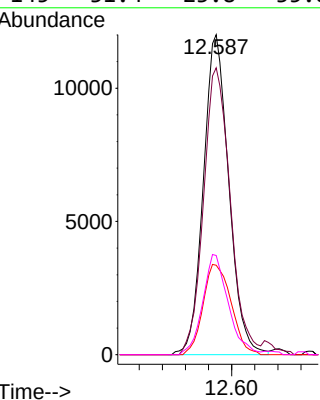
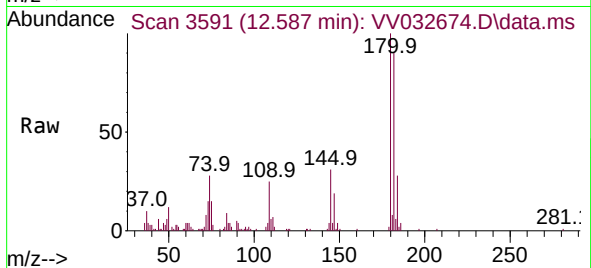
Ion Ratio Lower Upper

180 100

182 94.2 76.6 115.0

184 31.1 24.3 36.5

145 31.4 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 0.846 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

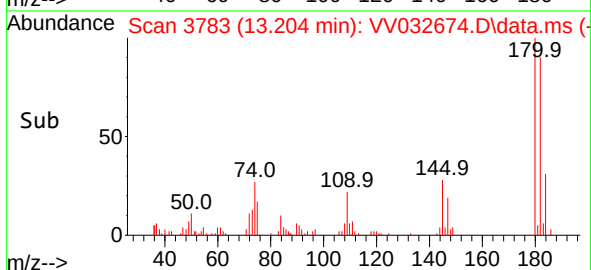
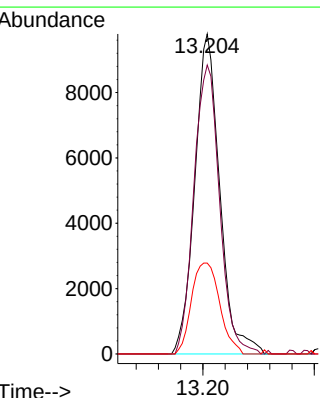
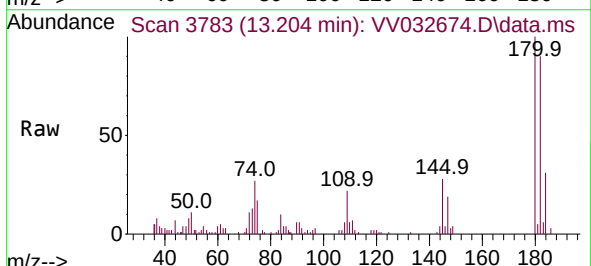
Tgt Ion:180 Resp: 15242

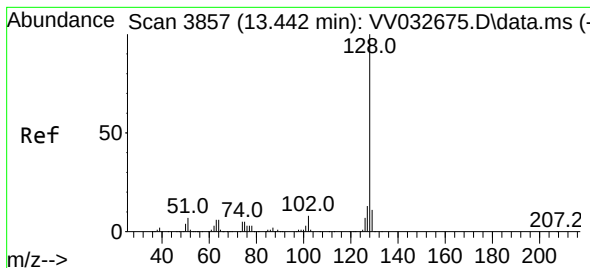
Ion Ratio Lower Upper

180 100

182 92.7 75.7 113.5

145 32.1 25.0 37.4





#71

Naphthalene

Concen: 0.678 ug/L

RT: 13.445 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

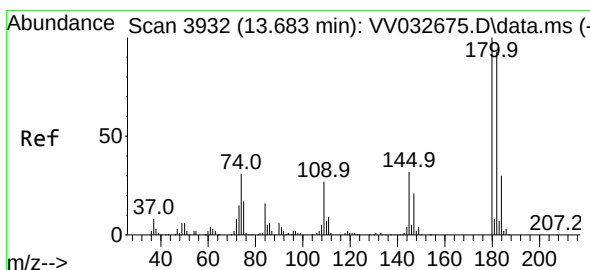
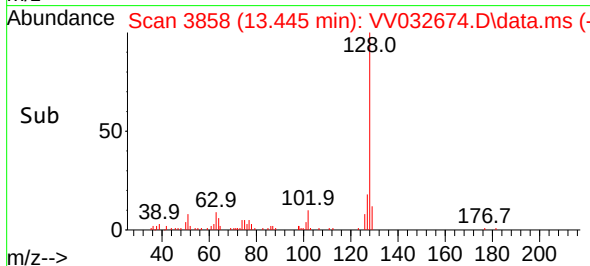
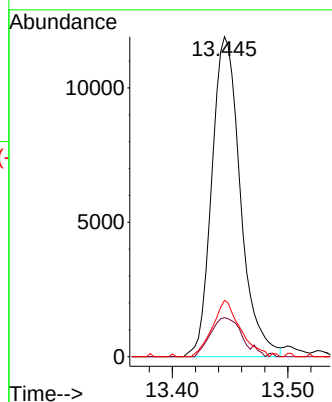
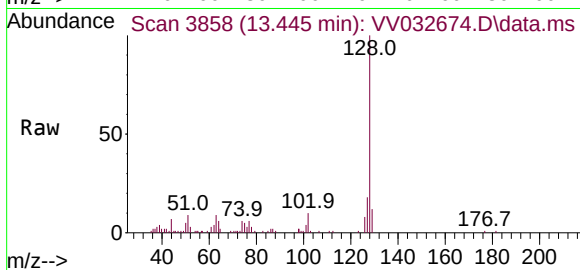
Tgt Ion:128 Resp: 20437

Ion Ratio Lower Upper

128 100

129 13.5 8.6 12.8#

127 17.1 10.4 15.6#



#72

1,2,3-Trichlorobenzene

Concen: 0.847 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

Lab File: VV032674.D

Acq: 27 Oct 2023 10:47

Tgt Ion:180 Resp: 13210

Ion Ratio Lower Upper

180 100

182 99.5 75.4 113.2

145 29.8 26.4 39.6

