

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032975.D
 Acq On : 16 Nov 2023 21:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 00:48:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:44:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	172658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	171320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	87996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68868	4.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.532	69	62920	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.060	65	29687	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.799	46	92987	47.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	4.252	84	122797	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.947	65	53803	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	225684	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.992	67	65904	5.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.246	98	210674	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.558	79	24420	4.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.027	63	85436	50.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	47006	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	74492	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	88646	4.695	ug/L	99
3) Chloromethane	1.214	50	91314	4.862	ug/L	97
5) Vinyl chloride	1.282	62	87434	4.903	ug/L	99
6) Bromomethane	1.487	94	62913	4.950	ug/L	97
8) Chloroethane	1.548	64	64288	4.805	ug/L	98
9) Trichlorofluoromethane	1.712	101	135112	4.883	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72124	4.597	ug/L	98
12) 1,1-Dichloroethene	2.069	96	69183	4.748	ug/L	98
13) Acetone	2.127	43	81673	44.912	ug/L	97
14) Carbon disulfide	2.240	76	209682	4.980	ug/L	99
15) Methyl Acetate	2.381	43	18777	4.654	ug/L #	90
16) Methylene chloride	2.445	84	72984	4.229	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	123478	5.076	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	68538	4.946	ug/L	99
19) 1,1-Dichloroethane	3.111	63	123228	5.021	ug/L	95
21) 2-Butanone	3.883	43	103249	46.810	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	71657	5.056	ug/L	95
23) Bromochloromethane	4.153	128	33285	5.119	ug/L	95
25) Chloroform	4.278	83	135518	5.005	ug/L	95

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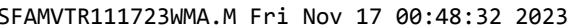
Instrument :
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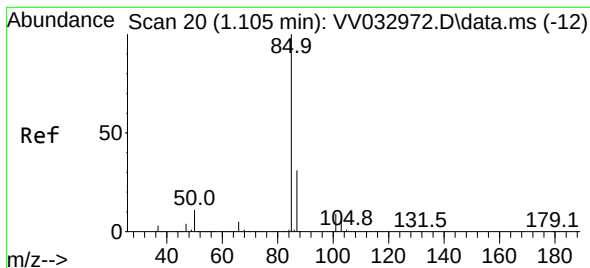
Quant Time: Nov 17 00:48:22 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	75218	5.222	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	118370	5.004	ug/L	99
30) Cyclohexane	4.587	56	78679	4.770	ug/L	99
31) Carbon tetrachloride	4.738	117	100908	4.926	ug/L	99
33) Benzene	5.011	78	269999	5.340	ug/L	100
34) Trichloroethene	5.834	95	71702	5.153	ug/L	95
35) Methylcyclohexane	6.053	83	89377	4.848	ug/L	98
37) 1,2-Dichloropropane	6.095	63	63317	5.037	ug/L	99
38) Bromodichloromethane	6.436	83	90067	5.192	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	90968	5.275	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	277204	55.881	ug/L	99
42) Toluene	7.317	91	293539	5.337	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	74228	5.353	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	45393	5.016	ug/L	93
47) Tetrachloroethene	7.908	164	56931	4.858	ug/L	96
48) 2-Hexanone	8.079	43	195680	53.423	ug/L	98
49) Dibromochloromethane	8.178	129	57796	5.326	ug/L	98
50) 1,2-Dibromoethane	8.284	107	44104	5.096	ug/L #	99
51) Chlorobenzene	8.815	112	188538	5.105	ug/L	97
52) Ethylbenzene	8.947	91	291404	5.098	ug/L	99
53) m,p-Xylene	9.075	106	113815	5.150	ug/L	94
54) o-Xylene	9.481	106	108931	5.159	ug/L	93
55) Styrene	9.497	104	195629	5.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	51632	5.116	ug/L	99
59) Bromoform	9.667	173	30491	5.492	ug/L	99
60) Isopropylbenzene	9.870	105	291307	5.344	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	35601	5.540	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	221399	5.182	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	226965	5.271	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	153805	5.313	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	151738	5.134	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	136686	5.287	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	7933	5.150	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.583	180	107554	5.004	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	87163	5.001	ug/L	98
71) Naphthalene	13.442	128	126205	5.202	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	79122	5.213	ug/L	100

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

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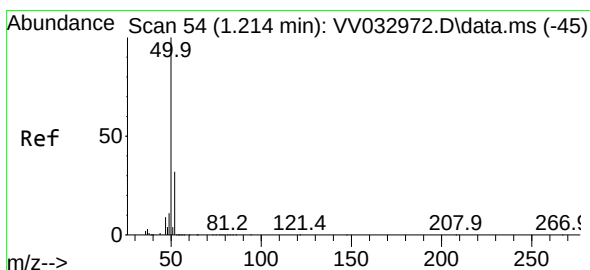
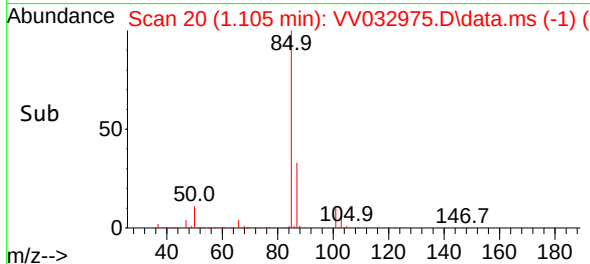
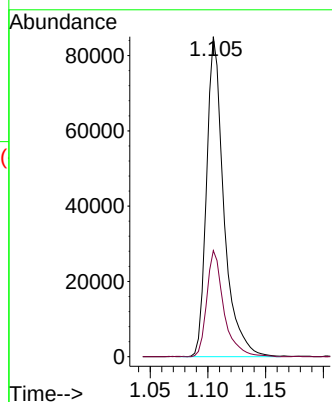
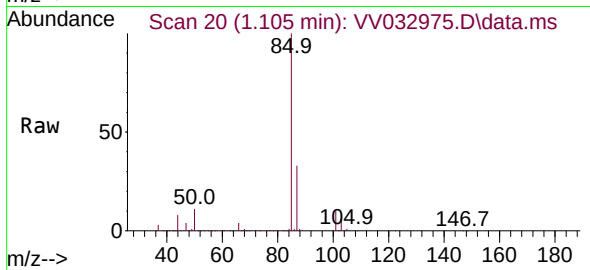




#2
 Dichlorodifluoromethane
 Concen: 4.695 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

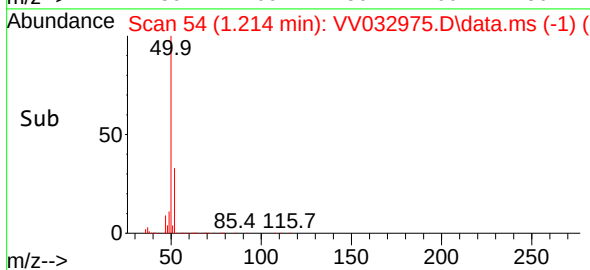
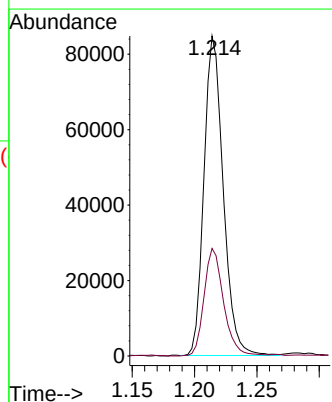
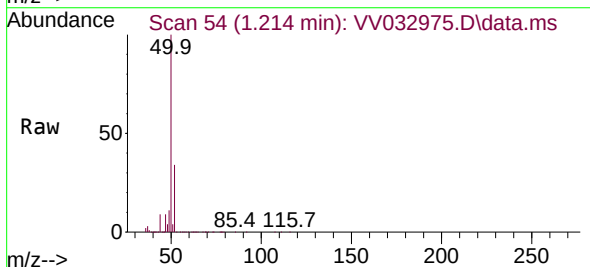
Instrument :
 MSVOA_V
 ClientSampleId :

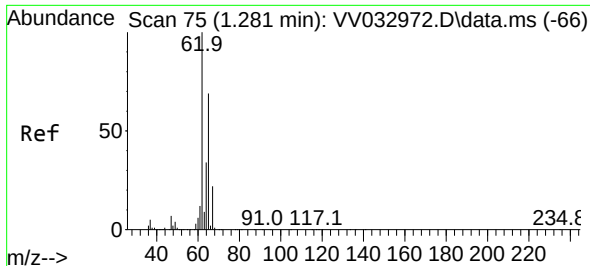
Tgt Ion: 85 Resp: 88646
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.2



#3
 Chloromethane
 Concen: 4.862 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

Tgt Ion: 50 Resp: 91314
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.3 41.3



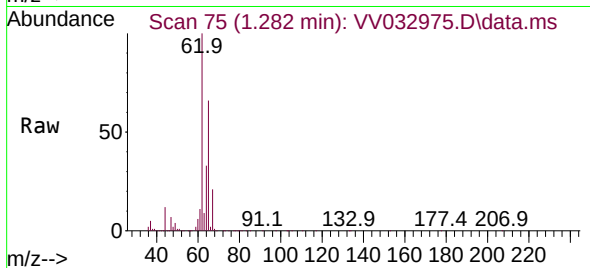


#5
 Vinyl chloride
 Concen: 4.903 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

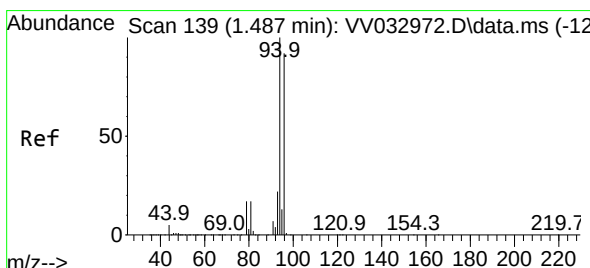
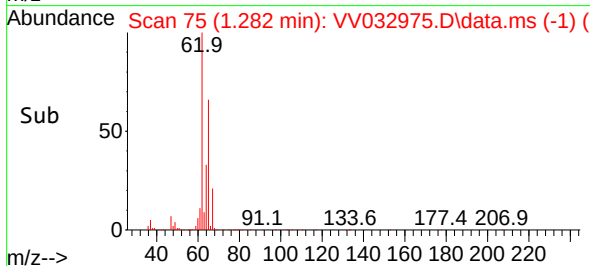
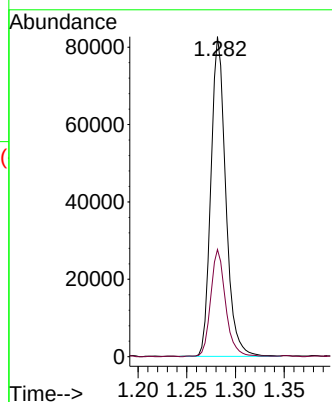
Instrument :

MSVOA_V

ClientSampleId :

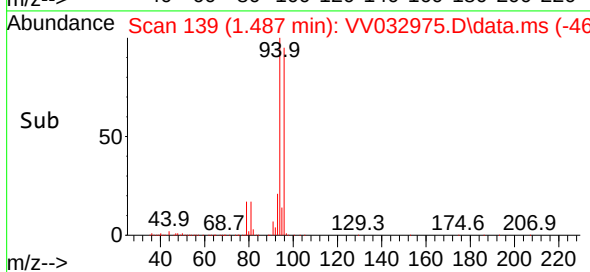
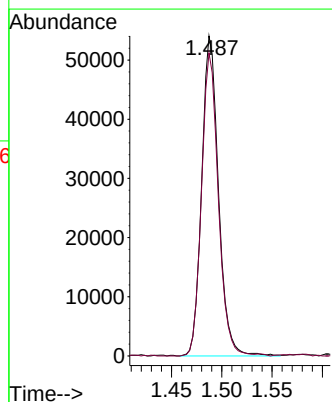
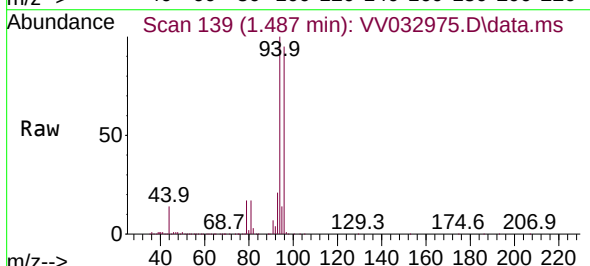


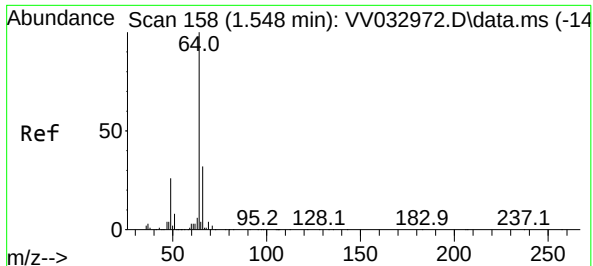
Tgt Ion: 62 Resp: 87434
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.7 43.9



#6
 Bromomethane
 Concen: 4.950 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

Tgt Ion: 94 Resp: 62913
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.3 119.3

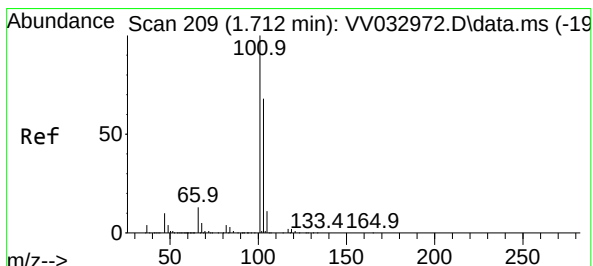
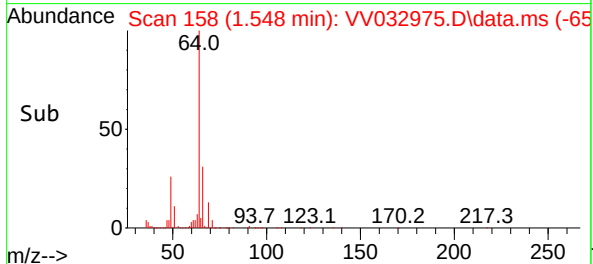
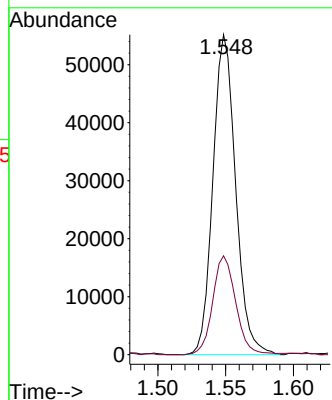
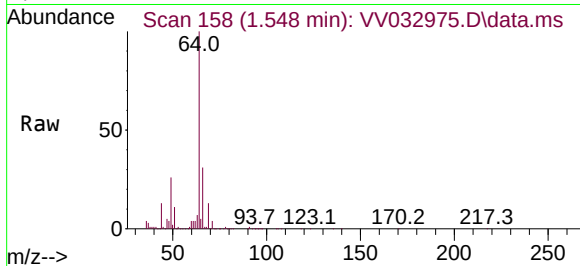




#8
Chloroethane
Concen: 4.805 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

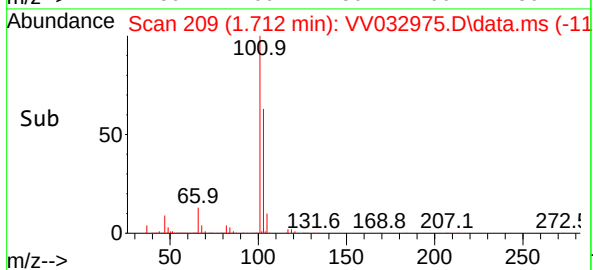
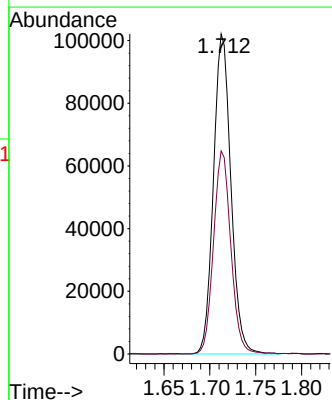
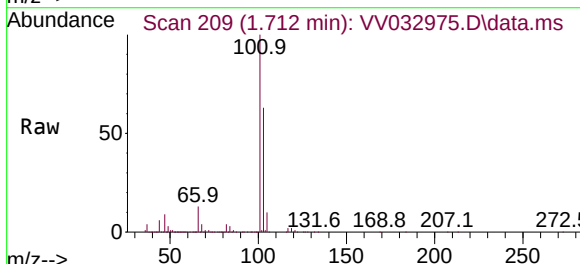
Instrument :
MSVOA_V
ClientSampleId :

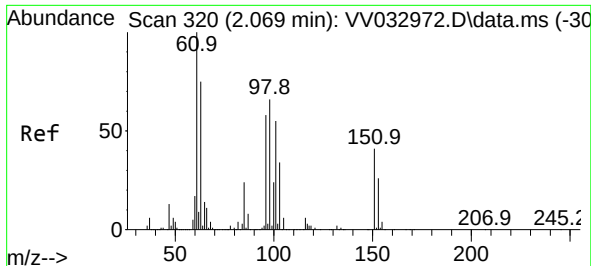
Tgt Ion: 64 Resp: 64288
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.883 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 101 Resp: 135112
Ion Ratio Lower Upper
101 100
103 62.7 53.0 79.4





#10

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

Concen: 4.597 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :

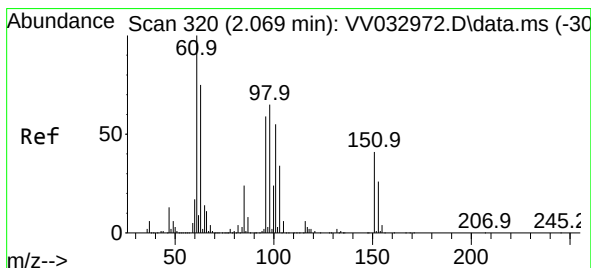
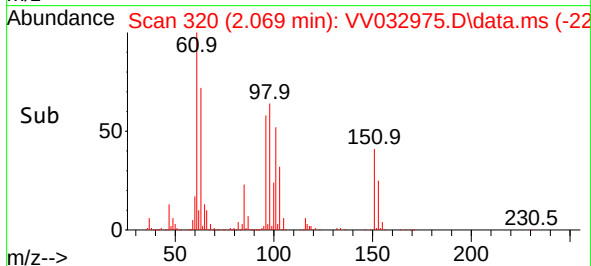
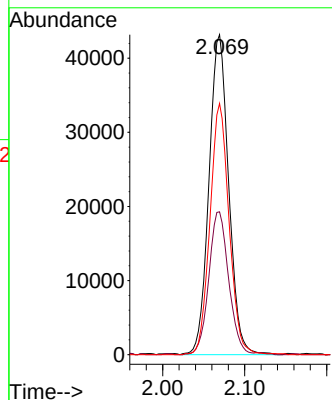
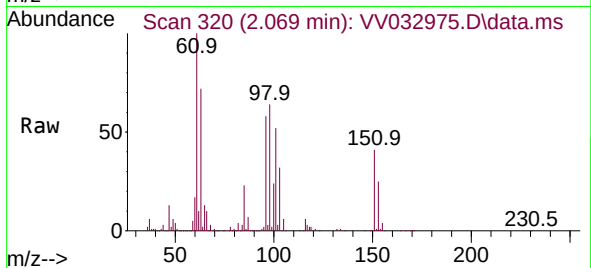
Tgt Ion:101 Resp: 72124

Ion Ratio Lower Upper

101 100

85 45.1 35.5 53.3

151 76.1 59.5 89.3



#12

1,1-Dichloroethene

Concen: 4.748 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

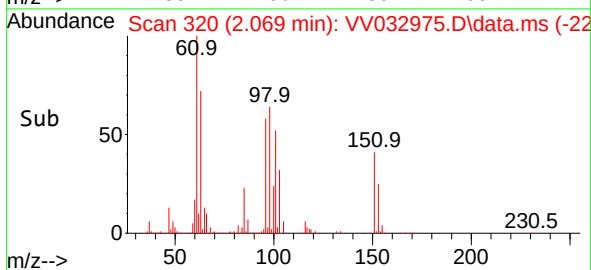
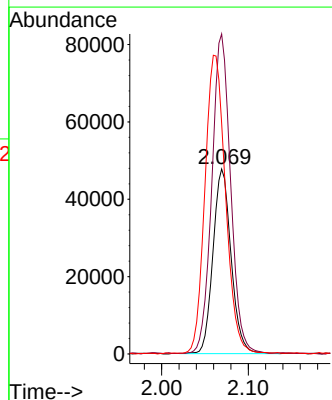
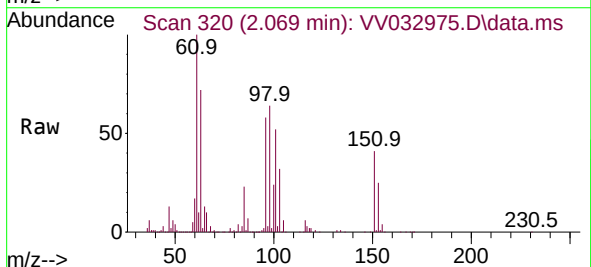
Tgt Ion: 96 Resp: 69183

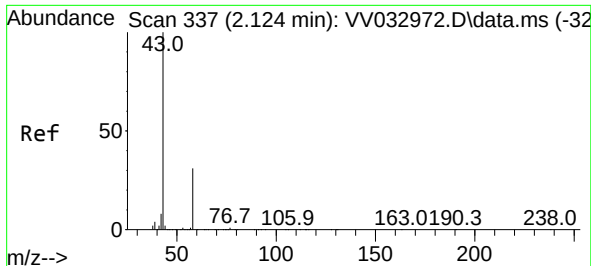
Ion Ratio Lower Upper

96 100

61 173.1 119.8 222.6

63 124.9 90.5 168.1





#13

Acetone

Concen: 44.912 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

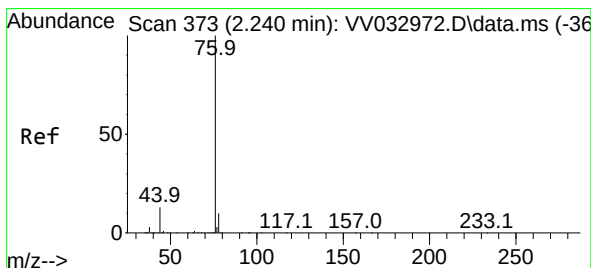
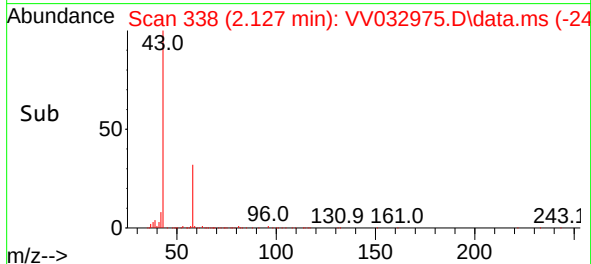
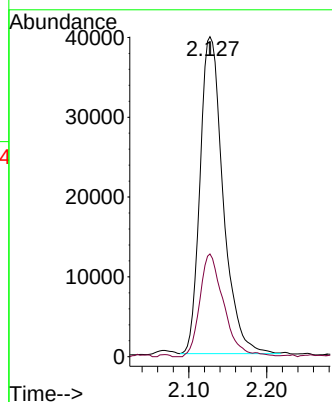
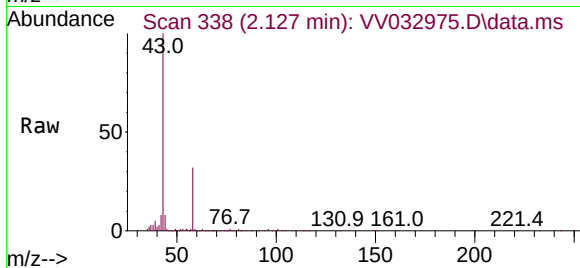
ClientSampleId :

Tgt Ion: 43 Resp: 81673

Ion Ratio Lower Upper

43 100

58 33.7 0.0 63.6



#14

Carbon disulfide

Concen: 4.980 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032975.D

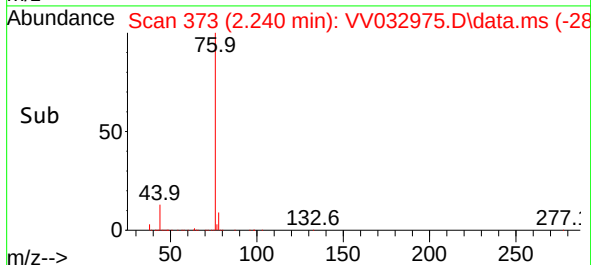
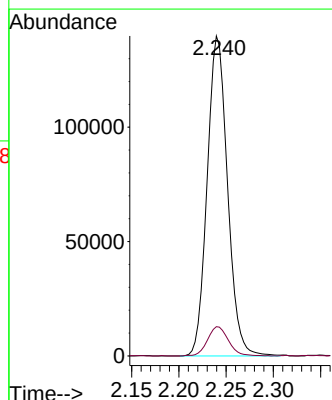
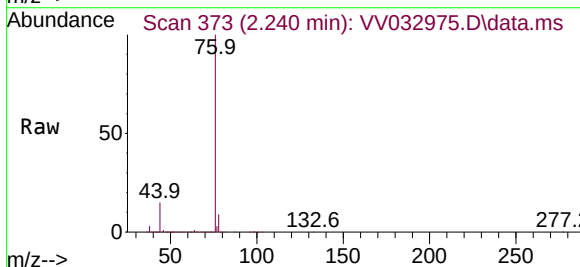
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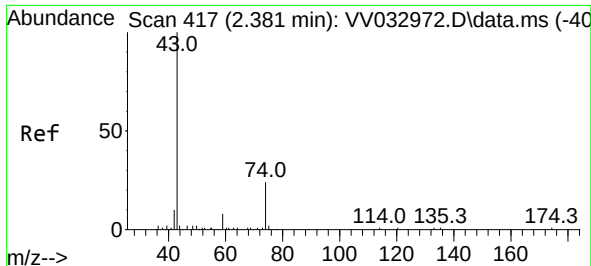
Tgt Ion: 76 Resp: 209682

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

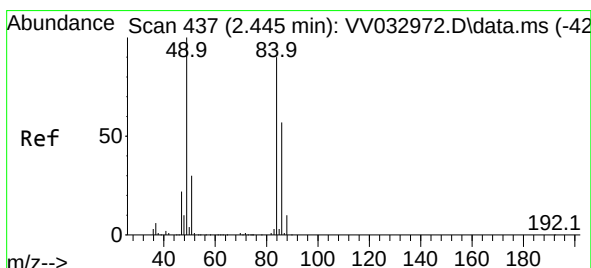
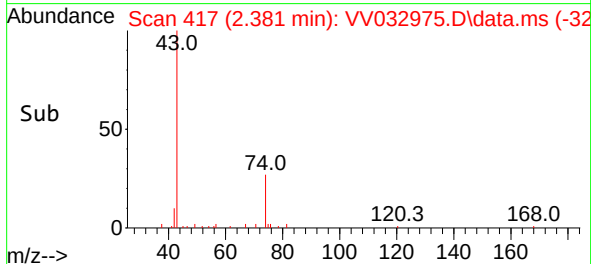
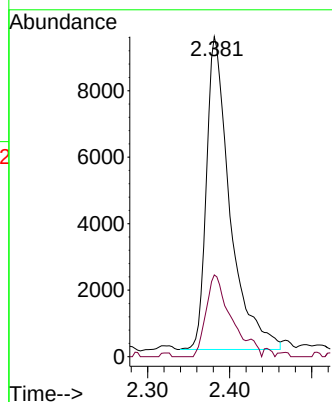
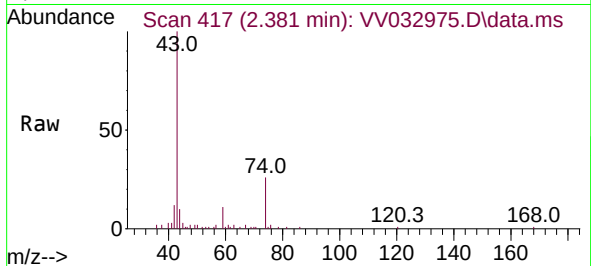




#15
Methyl Acetate
Concen: 4.654 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

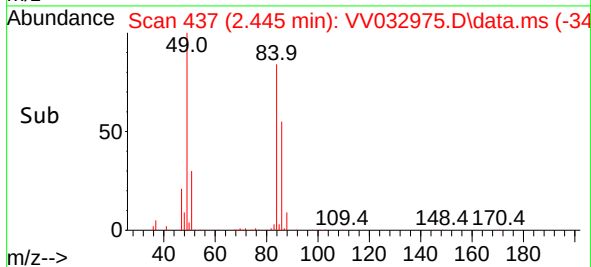
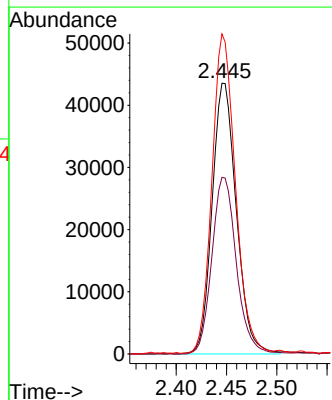
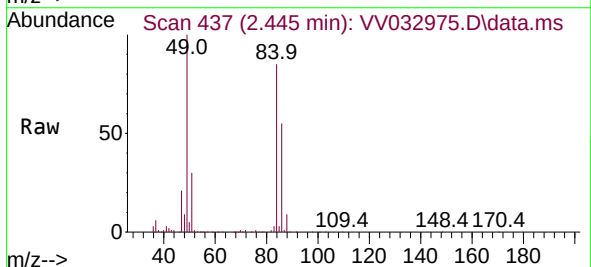
Instrument :
MSVOA_V
ClientSampleId :

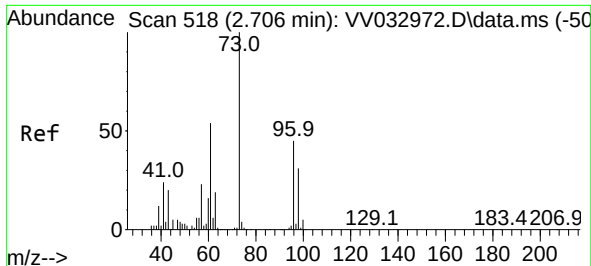
Tgt Ion: 43 Resp: 18777
Ion Ratio Lower Upper
43 100
74 25.8 16.9 25.3#



#16
Methylene chloride
Concen: 4.229 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

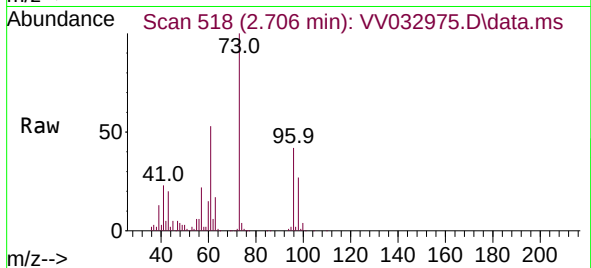
Tgt Ion: 84 Resp: 72984
Ion Ratio Lower Upper
84 100
86 65.2 44.7 83.1
49 118.2 78.3 145.5



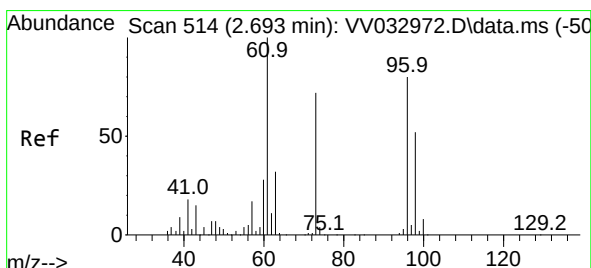
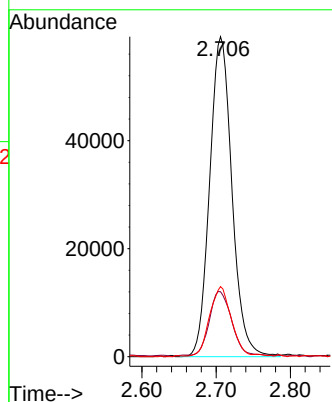
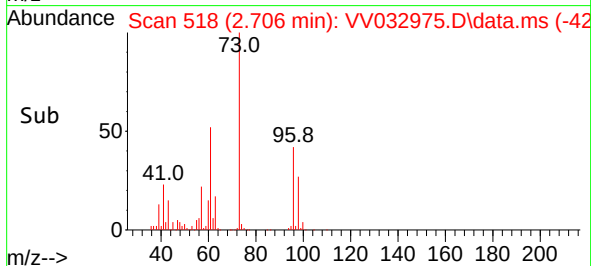


#17
Methyl tert-butyl Ether
Concen: 5.076 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Instrument :
MSVOA_V
ClientSampleId :

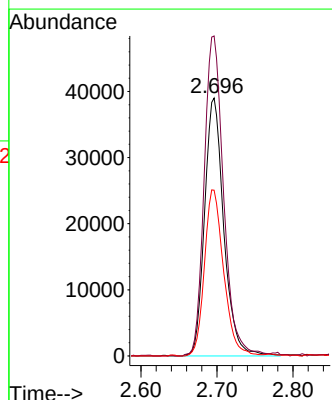
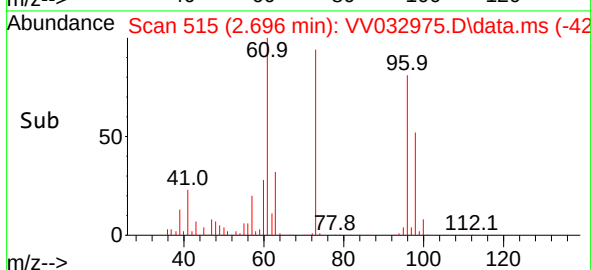
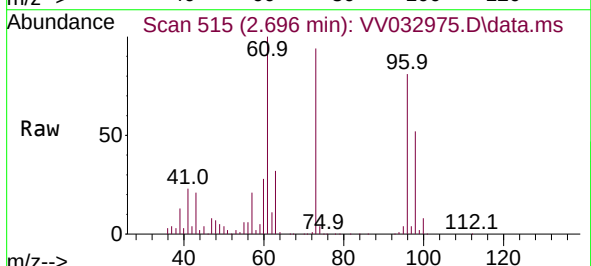


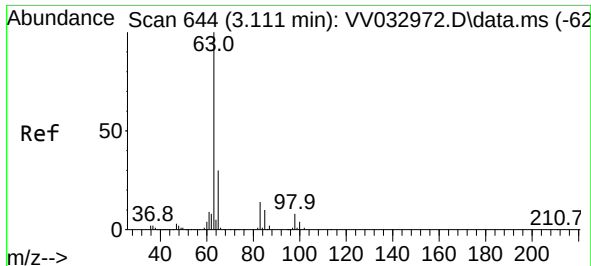
Tgt Ion: 73 Resp: 123478
Ion Ratio Lower Upper
73 100
43 20.2 17.3 25.9
57 20.8 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 4.946 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 96 Resp: 68538
Ion Ratio Lower Upper
96 100
61 124.1 88.2 163.8
98 64.2 45.4 84.4

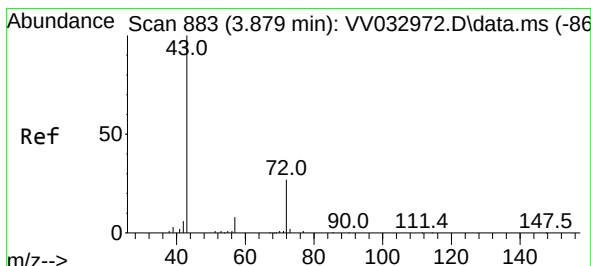
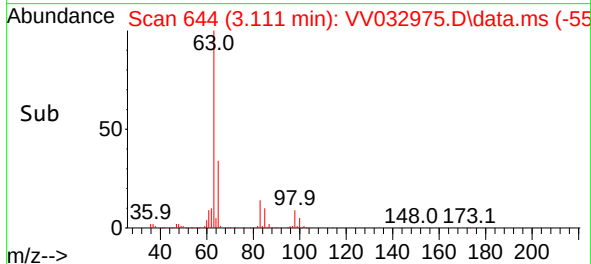
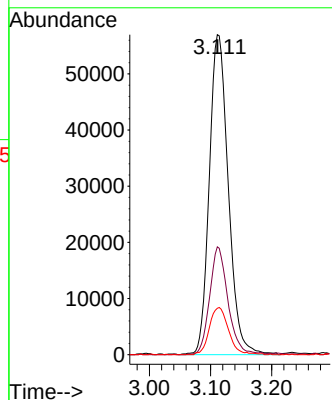
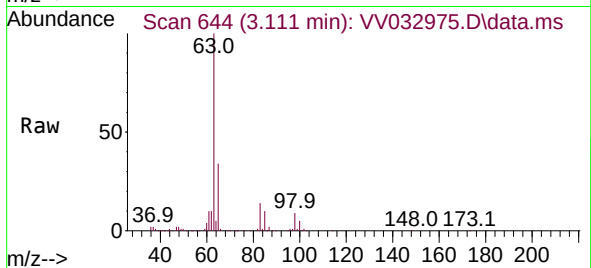




#19
1,1-Dichloroethane
Concen: 5.021 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

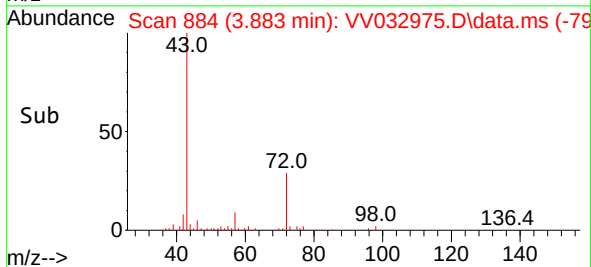
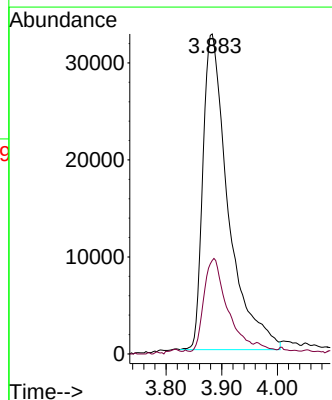
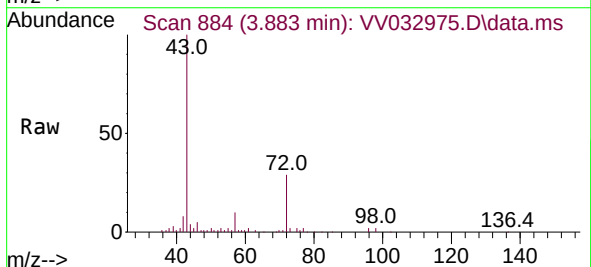
Instrument :
MSVOA_V
ClientSampleId :

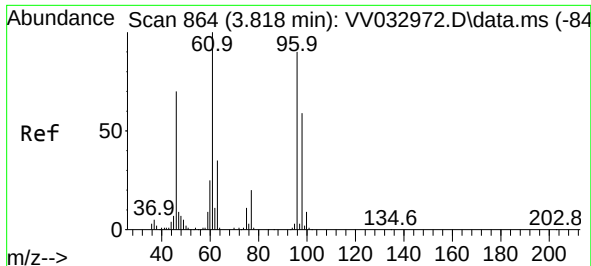
Tgt Ion: 63 Resp: 123228
Ion Ratio Lower Upper
63 100
65 33.7 21.0 39.0
83 14.5 10.0 18.6



#21
2-Butanone
Concen: 46.810 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.003 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 43 Resp: 103249
Ion Ratio Lower Upper
43 100
72 27.2 13.4 40.1





#22

cis-1,2-Dichloroethene

Concen: 5.056 ug/L

RT: 3.815 min Scan# 864

Delta R.T. -0.003 min

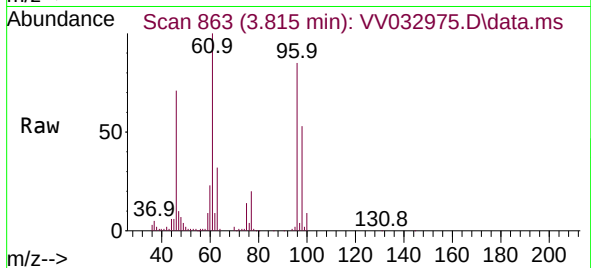
Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :



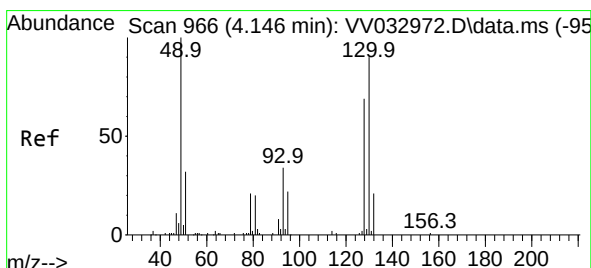
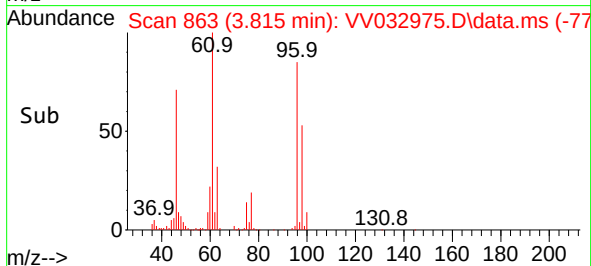
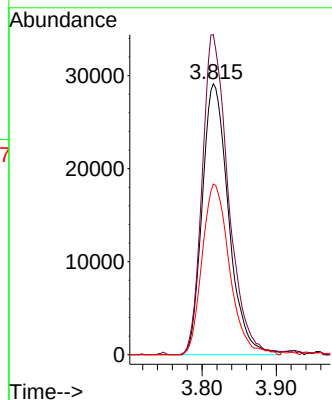
Tgt Ion: 96 Resp: 71657

Ion Ratio Lower Upper

96 100

61 118.1 77.8 144.6

98 63.0 45.4 84.4



#23

Bromochloromethane

Concen: 5.119 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.007 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Tgt Ion:128 Resp: 33285

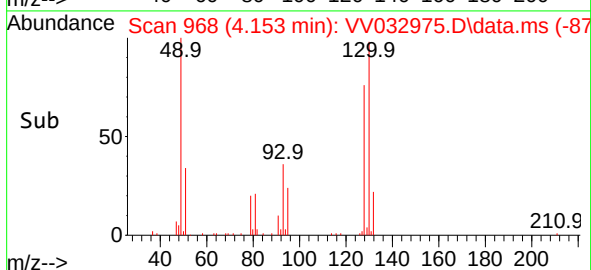
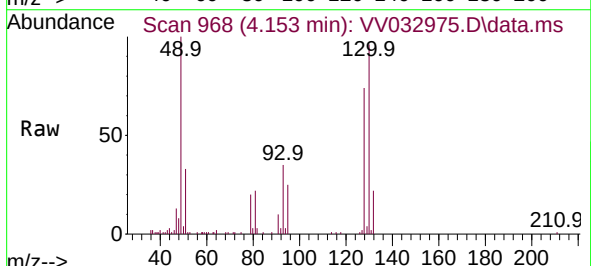
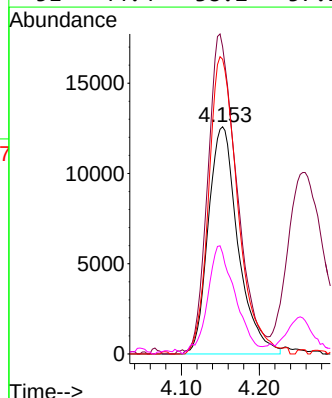
Ion Ratio Lower Upper

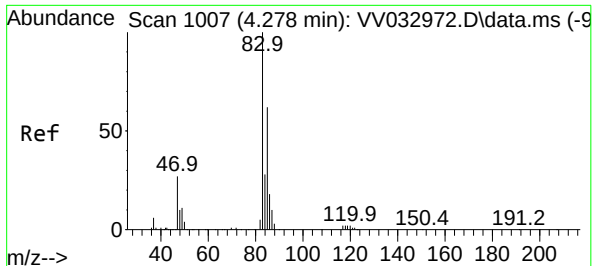
128 100

49 135.2 101.6 188.8

130 129.7 91.7 170.3

51 44.4 38.2 57.2

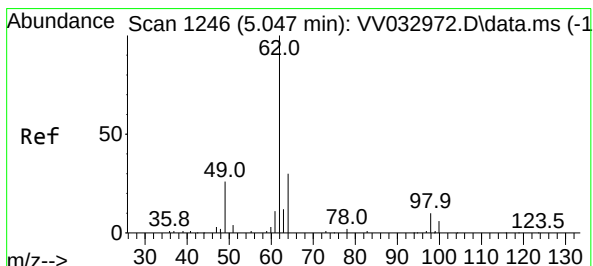
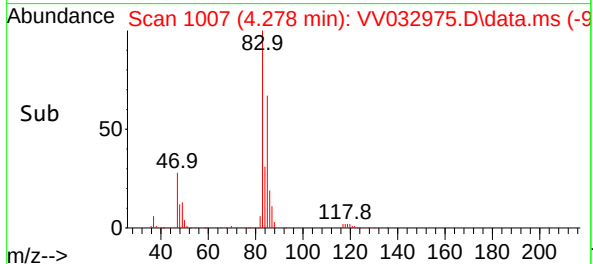
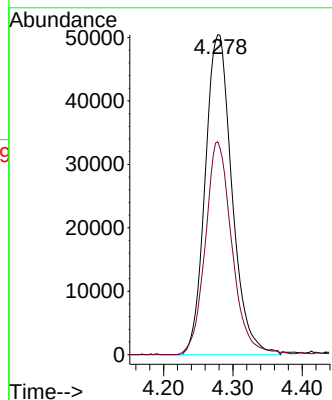
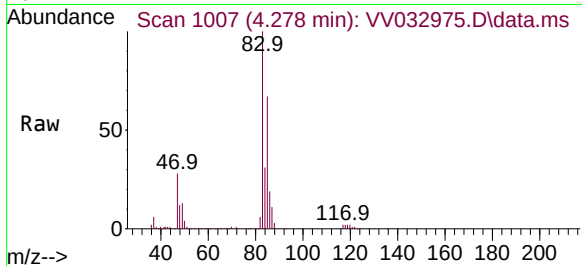




#25
Chloroform
Concen: 5.005 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

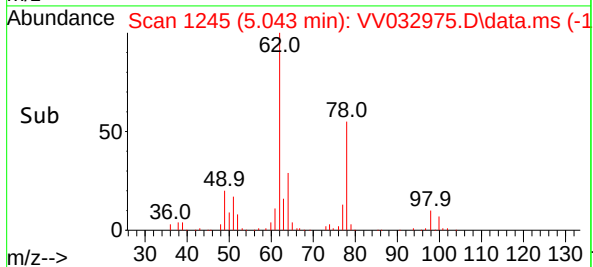
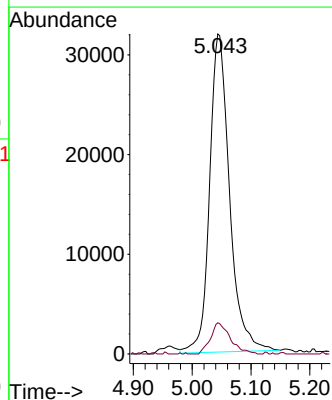
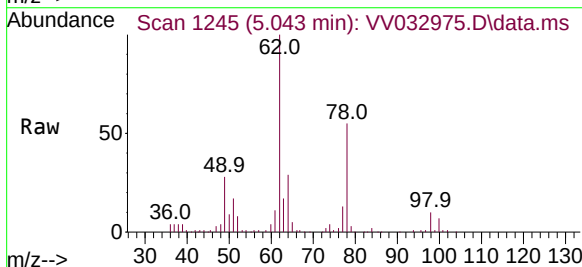
Instrument :
MSVOA_V
ClientSampleId :

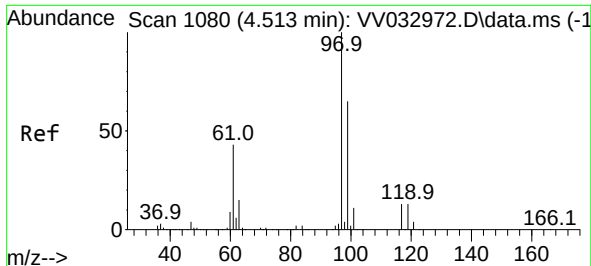
Tgt Ion: 83 Resp: 135518
Ion Ratio Lower Upper
83 100
85 66.5 43.6 81.0



#27
1,2-Dichloroethane
Concen: 5.222 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 62 Resp: 75218
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.004 ug/L

RT: 4.513 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :

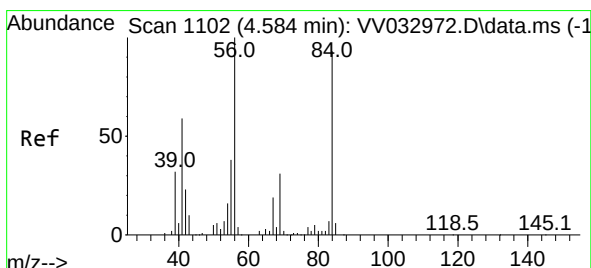
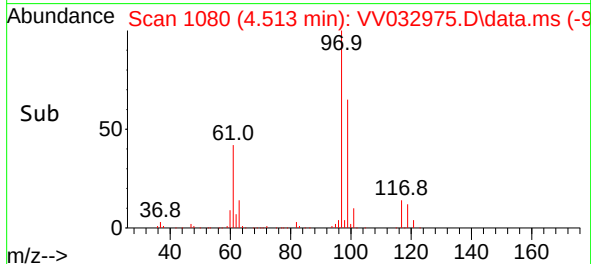
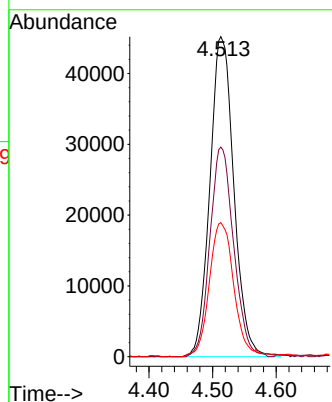
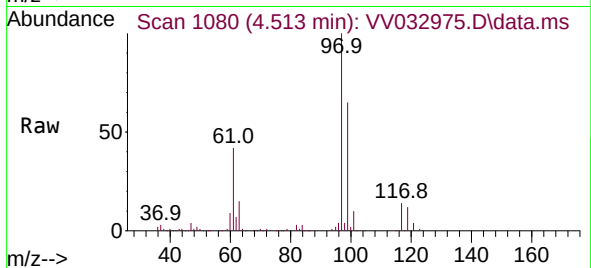
Tgt Ion: 97 Resp: 118370

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

61 42.9 34.2 51.2



#30

Cyclohexane

Concen: 4.770 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

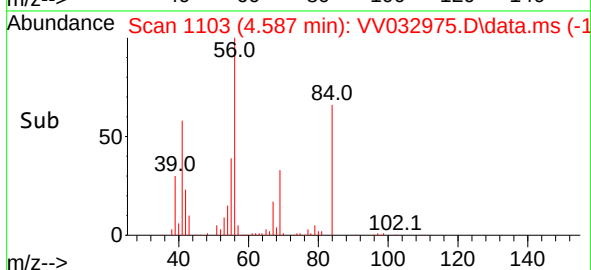
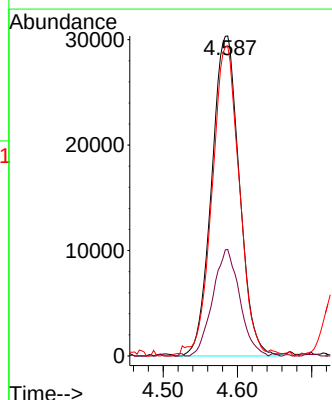
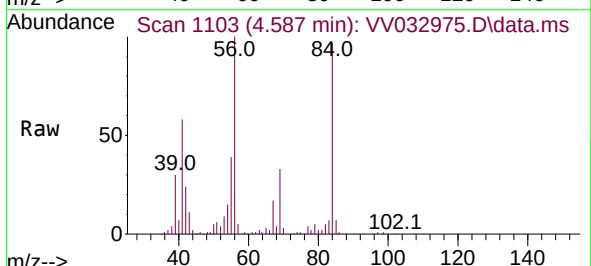
Tgt Ion: 56 Resp: 78679

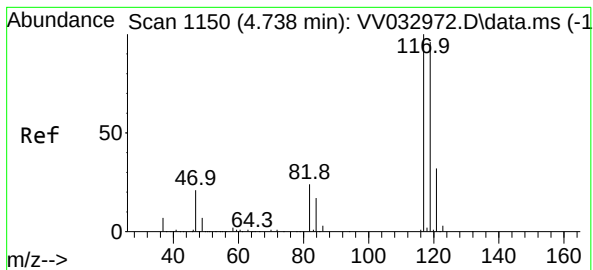
Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

84 95.5 77.5 116.3

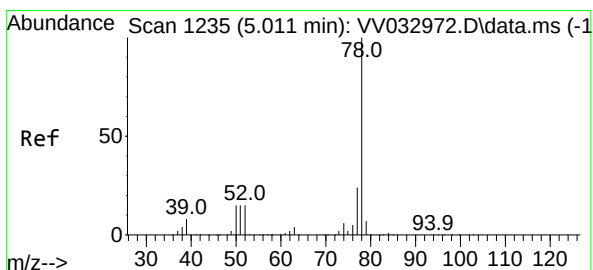
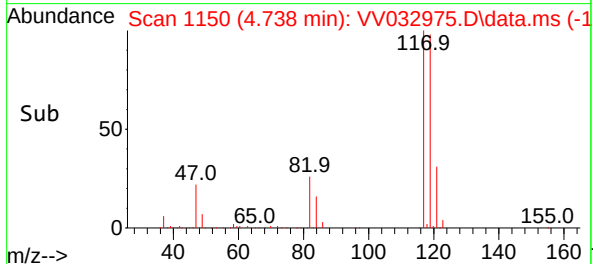
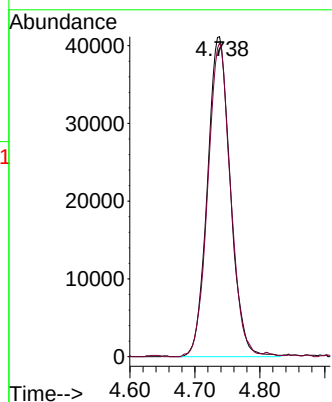
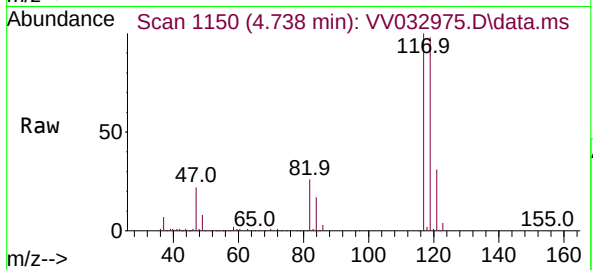




#31
Carbon tetrachloride
Concen: 4.926 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

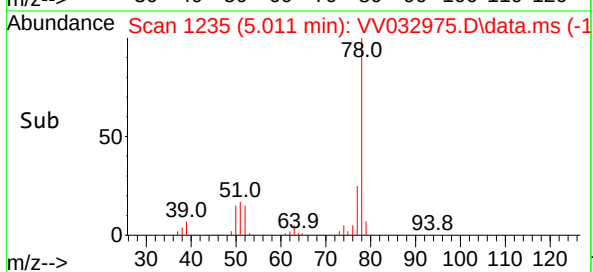
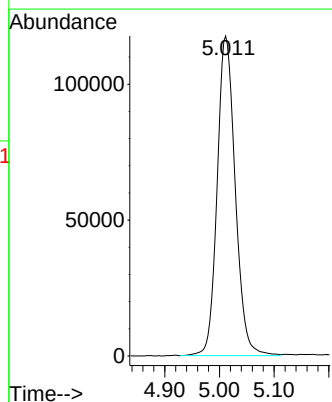
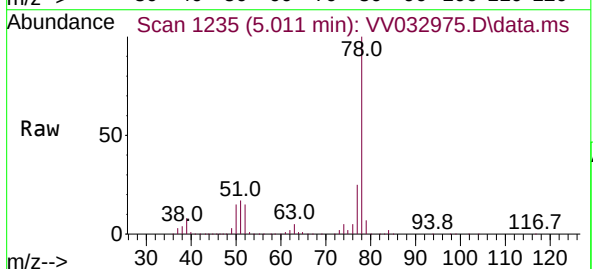
Instrument :
MSVOA_V
ClientSampleId :

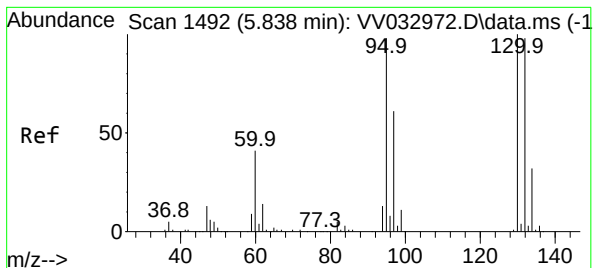
Tgt Ion:117 Resp: 100908
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2



#33
Benzene
Concen: 5.340 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 78 Resp: 269999





#34

Trichloroethene

Concen: 5.153 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 71702

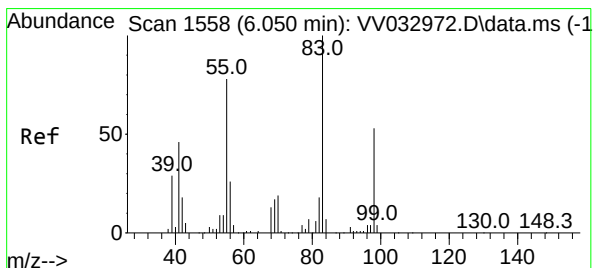
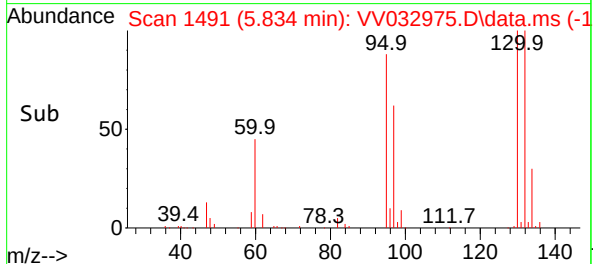
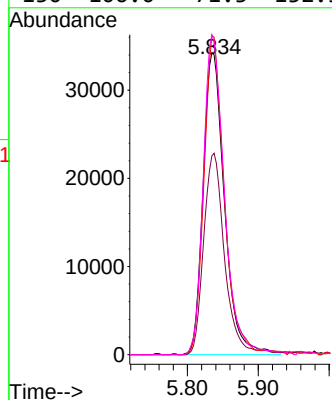
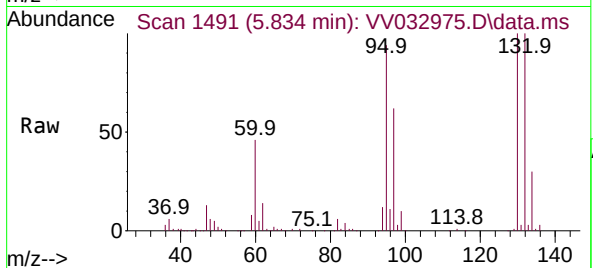
Ion Ratio Lower Upper

95 100

97 65.9 43.7 81.1

132 105.5 69.7 129.5

130 106.0 71.3 132.3



#35

Methylcyclohexane

Concen: 4.848 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

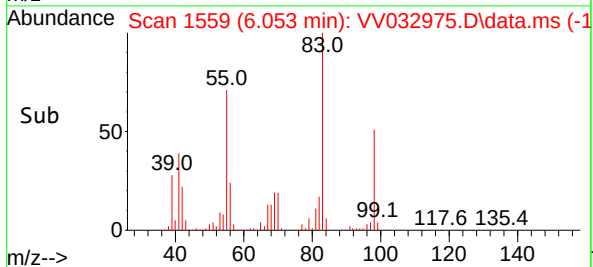
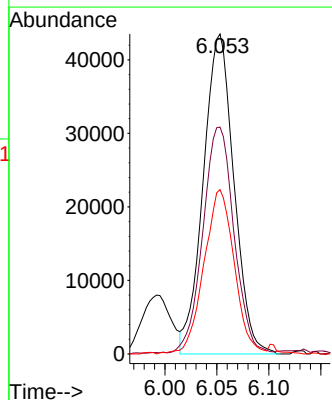
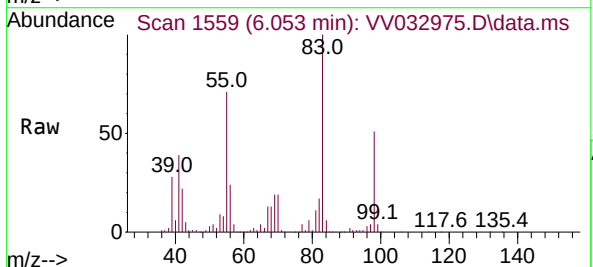
Tgt Ion: 83 Resp: 89377

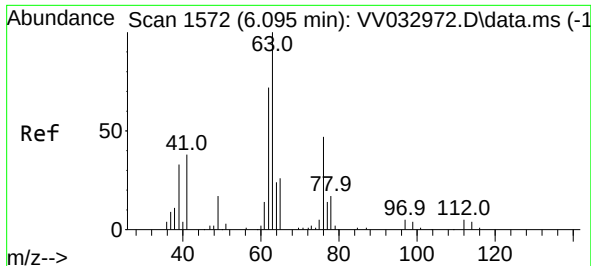
Ion Ratio Lower Upper

83 100

55 71.4 57.6 86.4

98 50.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.037 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

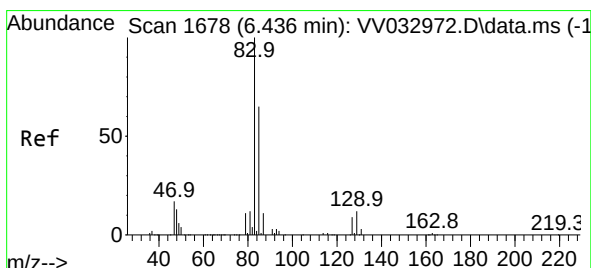
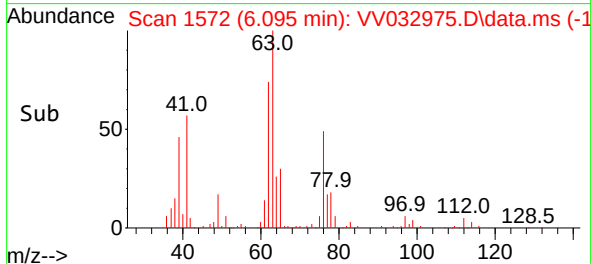
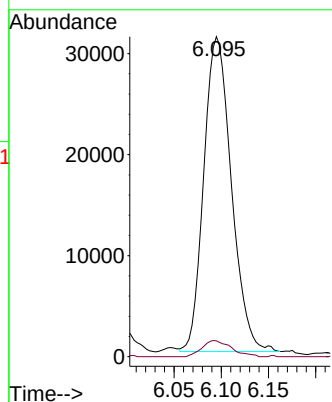
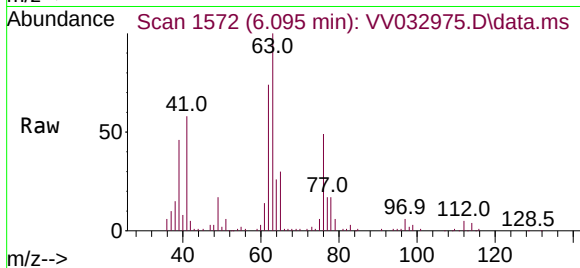
ClientSampleId :

Tgt Ion: 63 Resp: 63317

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 5.192 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

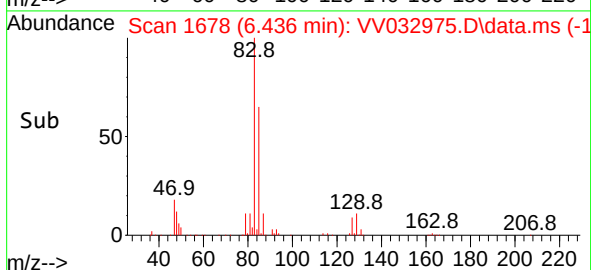
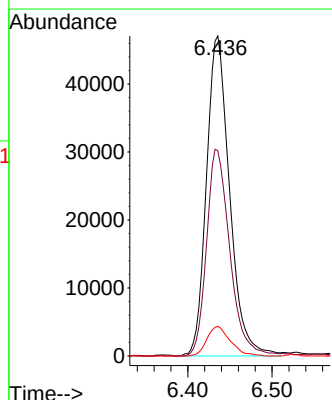
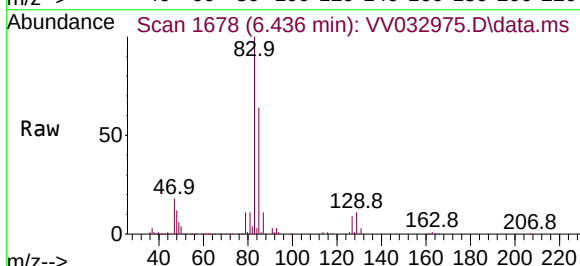
Tgt Ion: 83 Resp: 90067

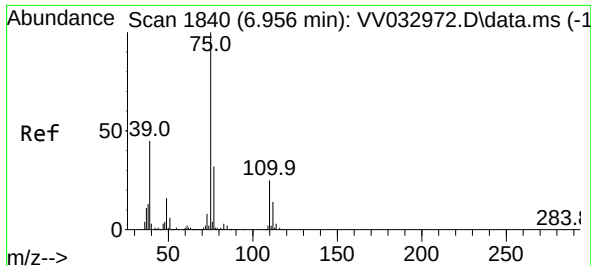
Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4

127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.275 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

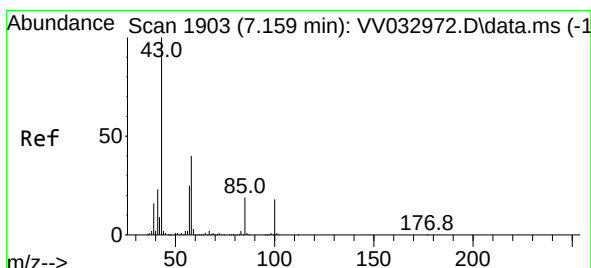
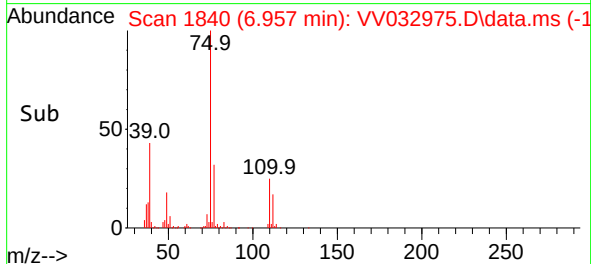
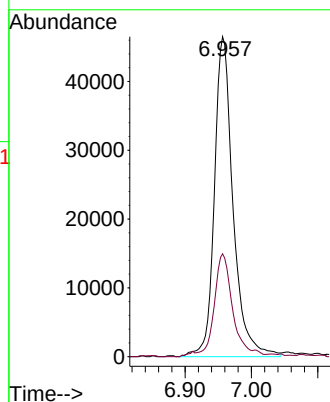
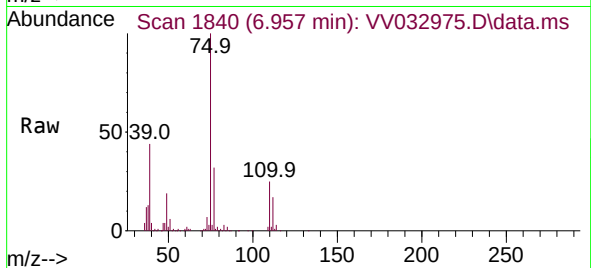
ClientSampleId :

Tgt Ion: 75 Resp: 90968

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 55.881 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

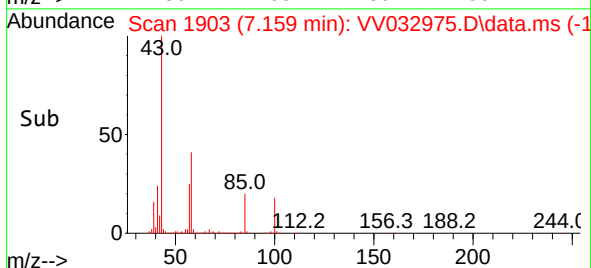
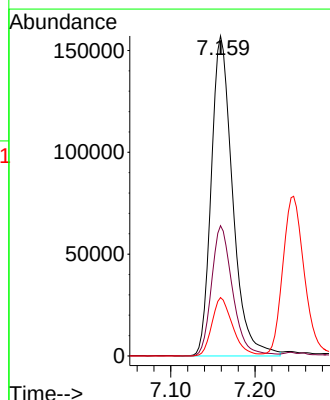
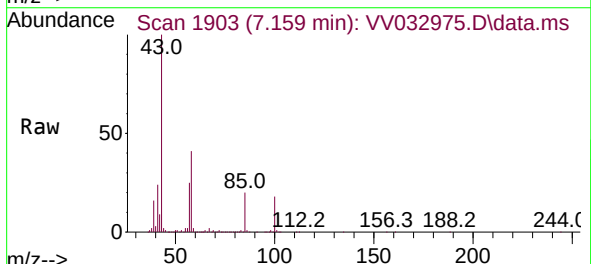
Tgt Ion: 43 Resp: 277204

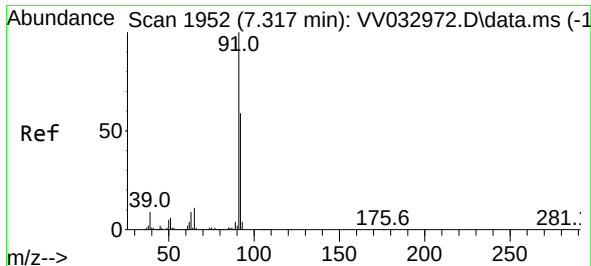
Ion Ratio Lower Upper

43 100

58 40.2 31.7 47.5

100 17.6 14.2 21.2





#42

Toluene

Concen: 5.337 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

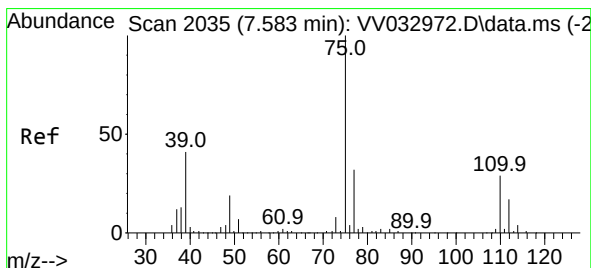
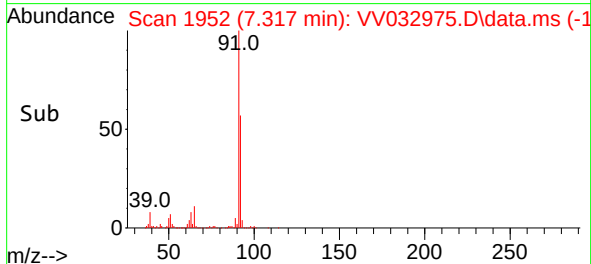
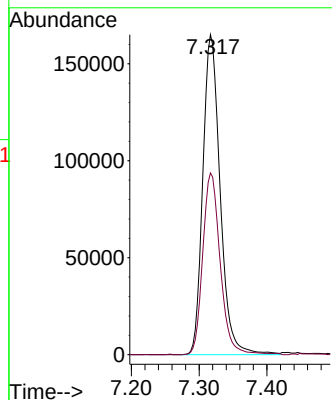
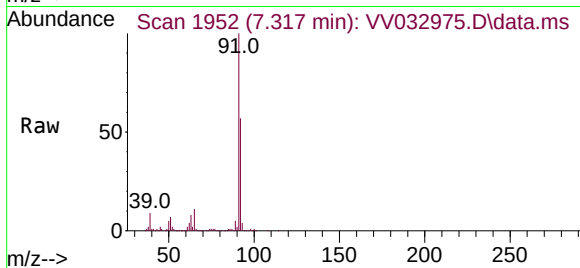
ClientSampleId :

Tgt Ion: 91 Resp: 293539

Ion Ratio Lower Upper

91 100

92 56.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.353 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032975.D

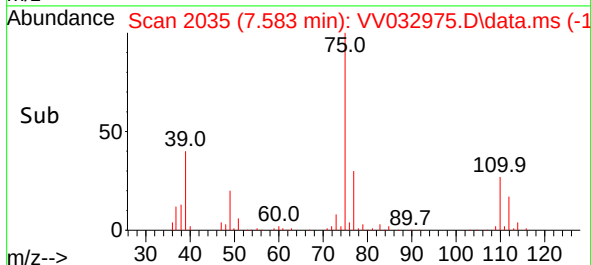
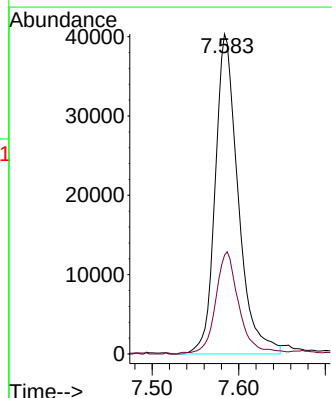
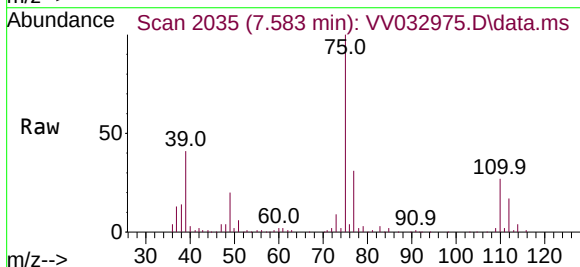
Acq: 16 Nov 2023 21:22

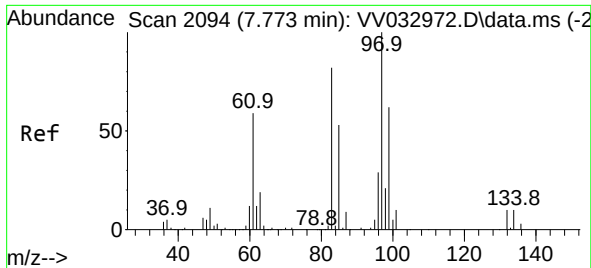
Tgt Ion: 75 Resp: 74228

Ion Ratio Lower Upper

75 100

77 30.8 22.9 42.5

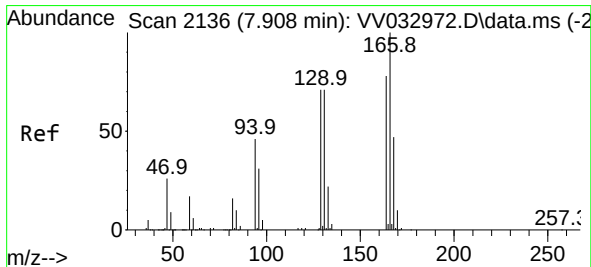
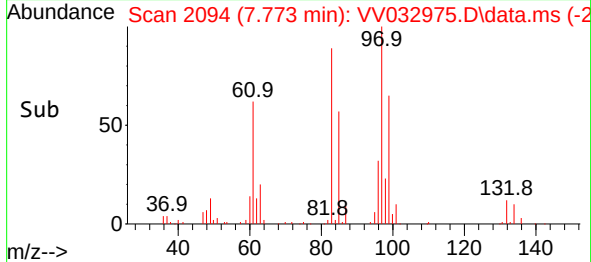
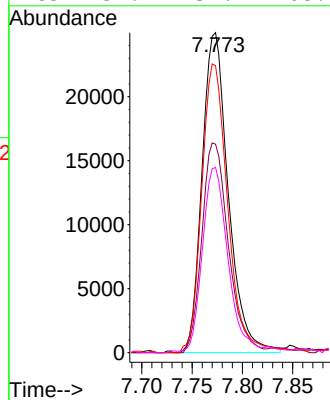
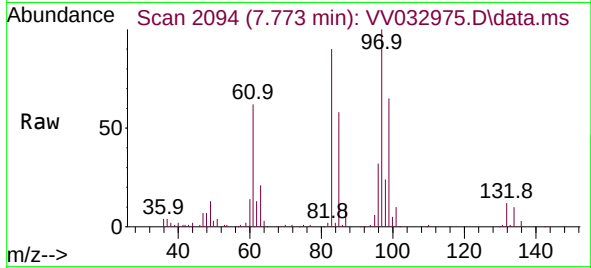




#45
1,1,2-Trichloroethane
Concen: 5.016 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

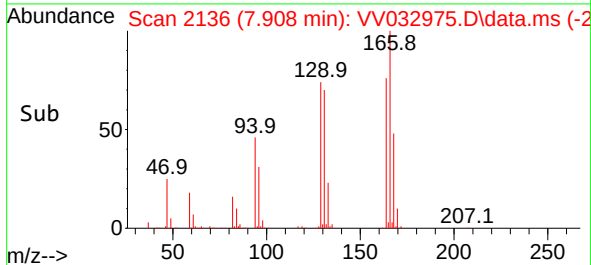
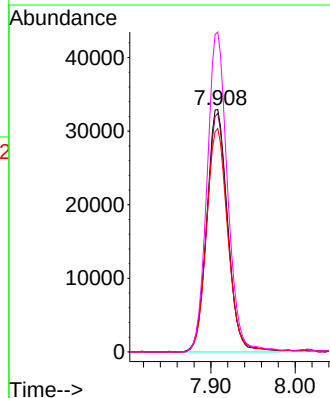
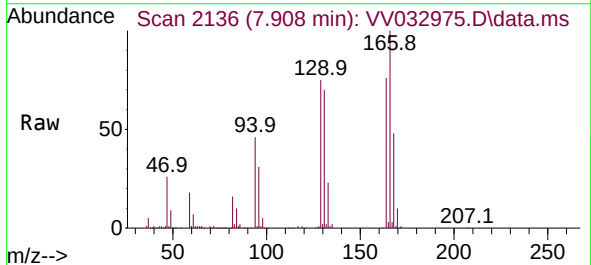
Instrument :
MSVOA_V
ClientSampleId :

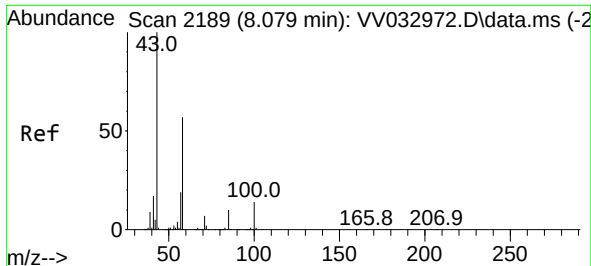
Tgt Ion:	97	Resp:	45393
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.0	80.0
83	89.7	57.3	106.5
85	57.9	37.1	68.9



#47
Tetrachloroethene
Concen: 4.858 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion:	164	Resp:	56931
Ion	Ratio	Lower	Upper
164	100		
129	98.5	64.2	119.2
131	92.1	63.5	117.9
166	132.0	89.8	166.8



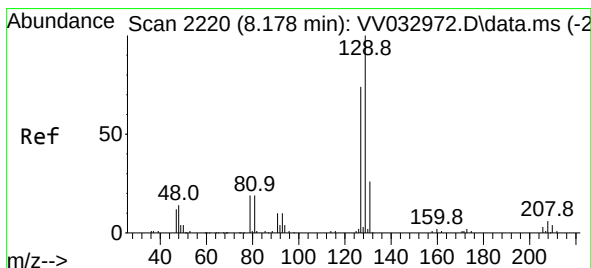
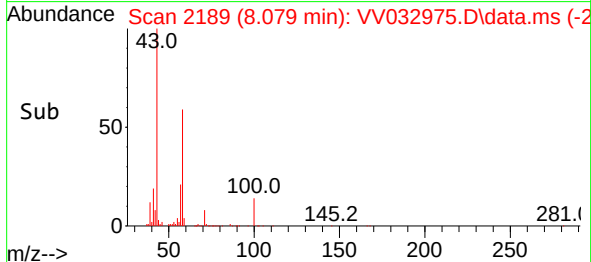
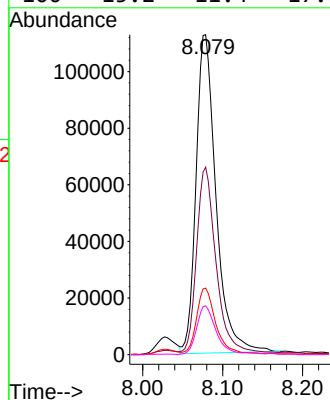
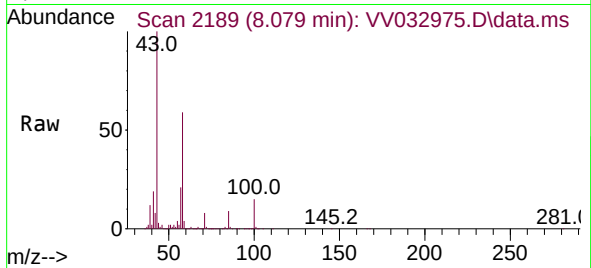


#48
2-Hexanone
Concen: 53.423 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 195680

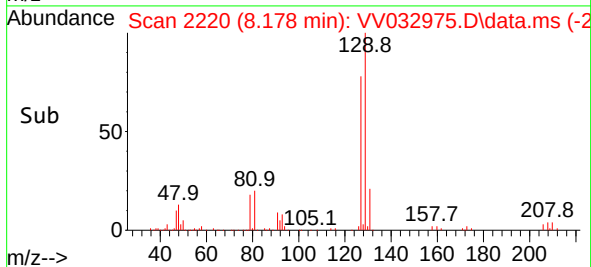
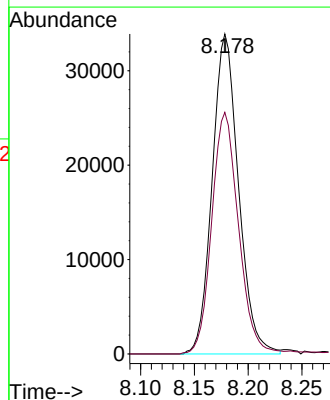
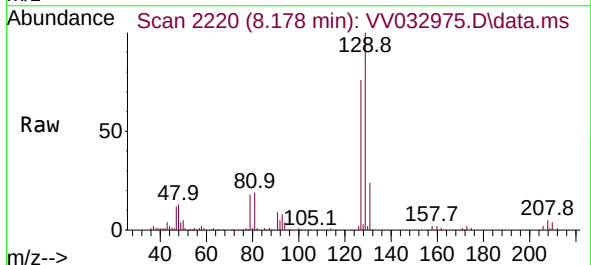
Ion	Ratio	Lower	Upper
43	100		
58	57.4	44.9	67.3
57	19.6	15.1	22.7
100	15.2	11.4	17.0

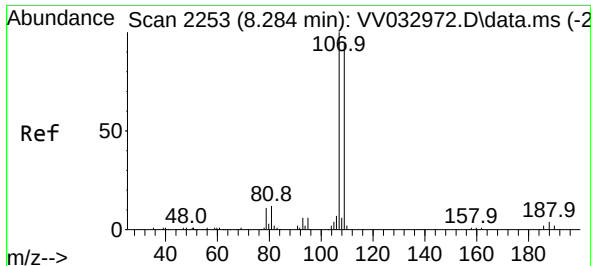


#49
Dibromochloromethane
Concen: 5.326 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 129 Resp: 57796

Ion	Ratio	Lower	Upper
129	100		
127	75.5	51.6	95.8





#50

1,2-Dibromoethane

Concen: 5.096 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032975.D

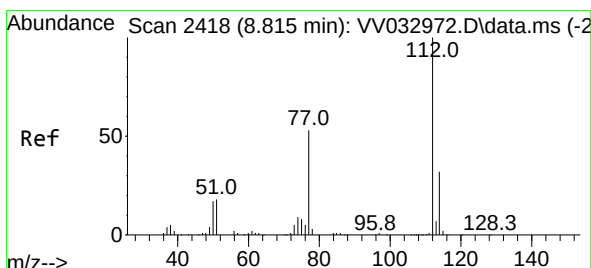
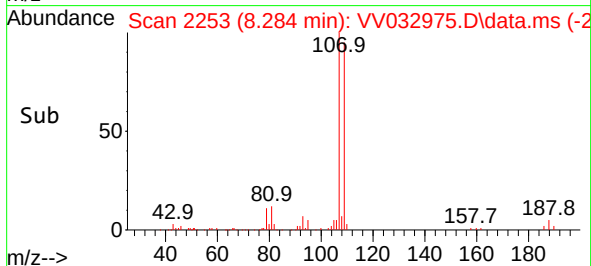
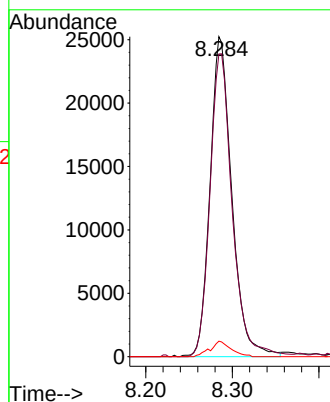
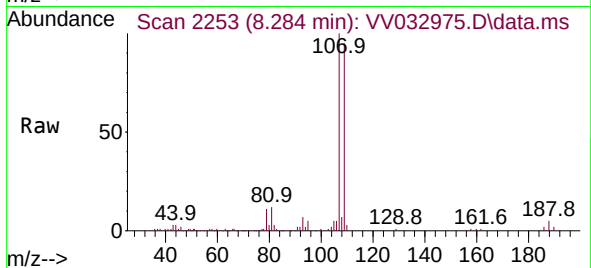
Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	44104
Ion	Ratio	Lower	Upper
107	100		
109	94.6	65.6	121.8
188	4.9	2.9	4.3#



#51

Chlorobenzene

Concen: 5.105 ug/L

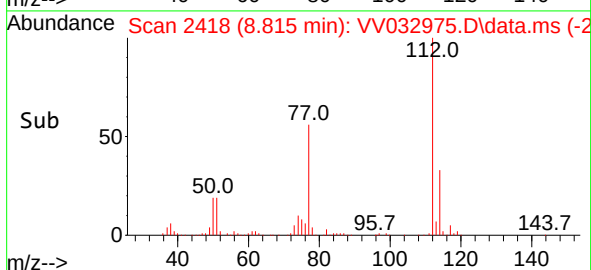
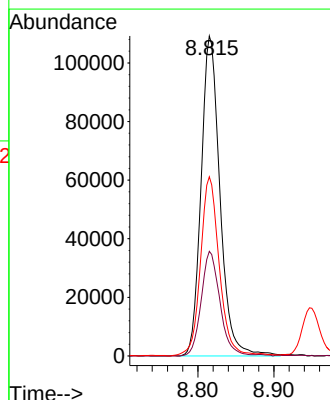
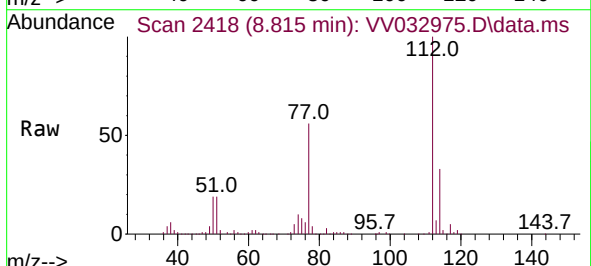
RT: 8.815 min Scan# 2418

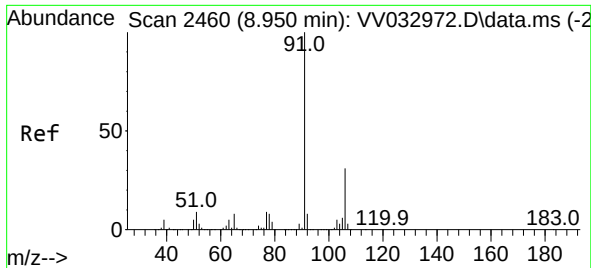
Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Tgt Ion:	112	Resp:	188538
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.5
77	56.0	42.6	64.0

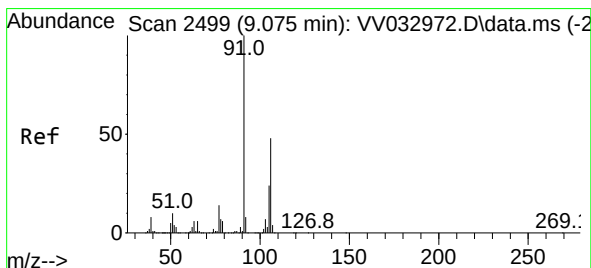
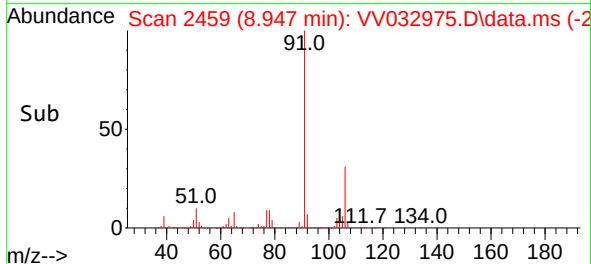
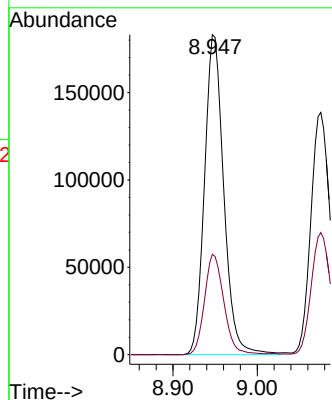
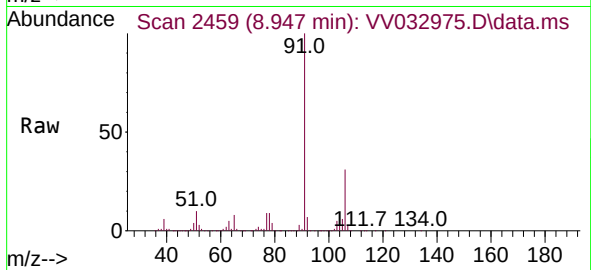




#52
Ethylbenzene
Concen: 5.098 ug/L
RT: 8.947 min Scan# 2460
Delta R.T. -0.003 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

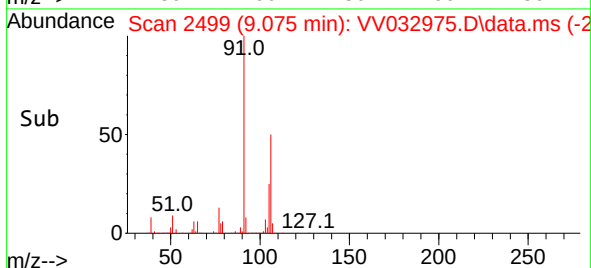
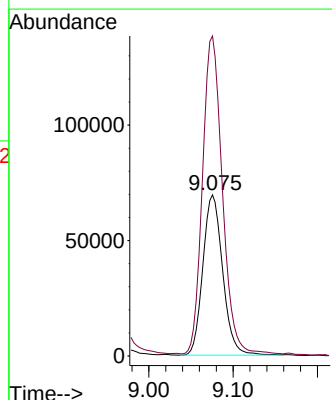
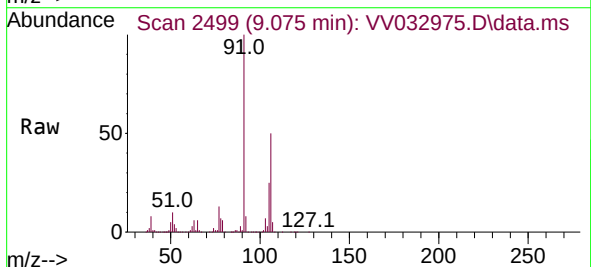
Instrument :
MSVOA_V
ClientSampleId :

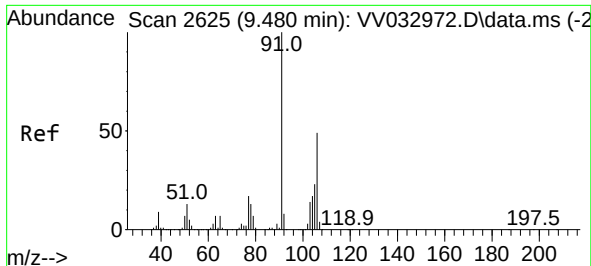
Tgt Ion: 91 Resp: 291404
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 5.150 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 106 Resp: 113815
Ion Ratio Lower Upper
106 100
91 198.5 145.5 270.3

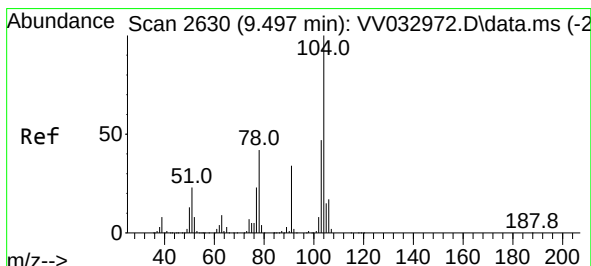
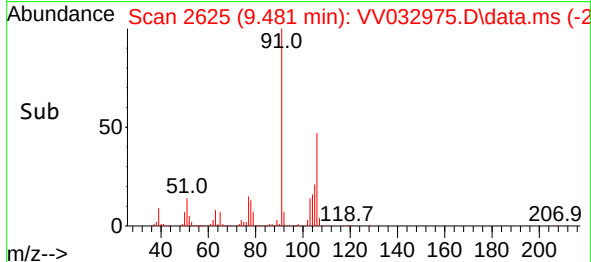
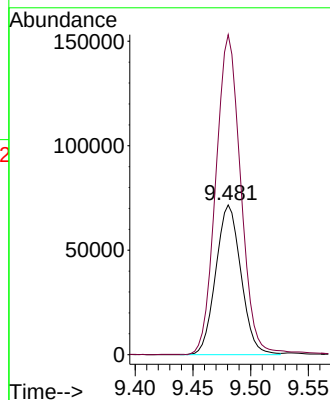
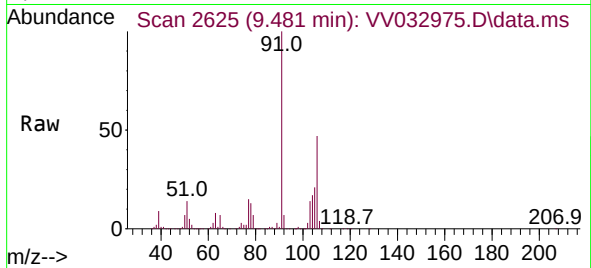




#54
o-Xylene
Concen: 5.159 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

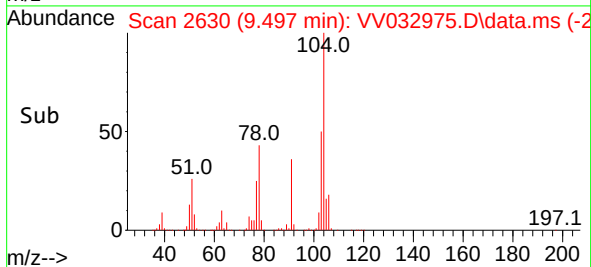
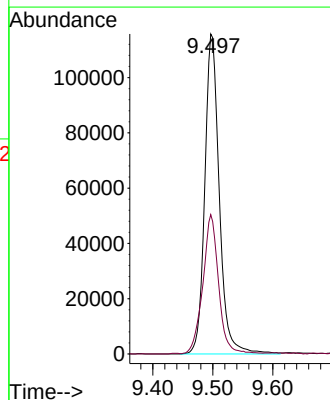
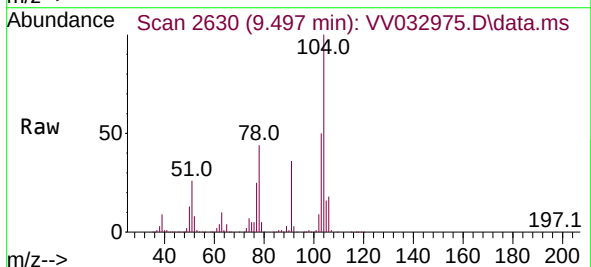
Instrument :
MSVOA_V
ClientSampleId :

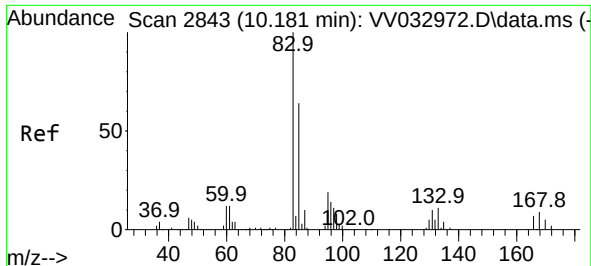
Tgt Ion:106 Resp: 108931
Ion Ratio Lower Upper
106 100
91 213.6 142.4 264.4



#55
Styrene
Concen: 5.387 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion:104 Resp: 195629
Ion Ratio Lower Upper
104 100
78 43.5 29.8 55.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.116 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :

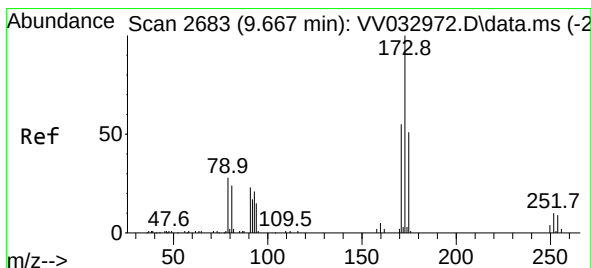
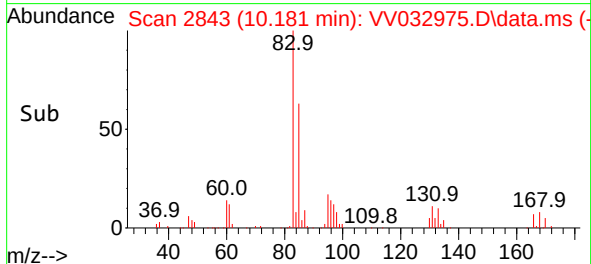
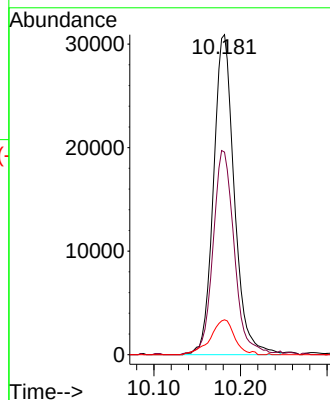
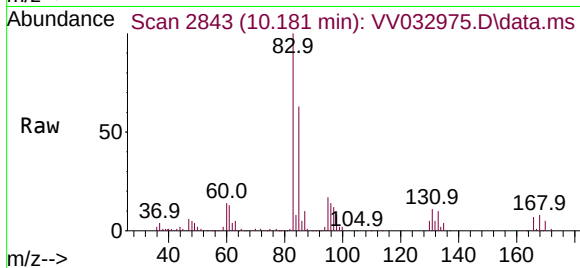
Tgt Ion: 83 Resp: 51632

Ion Ratio Lower Upper

83 100

85 63.3 44.7 83.1

131 10.9 8.0 12.0



#59

Bromoform

Concen: 5.492 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

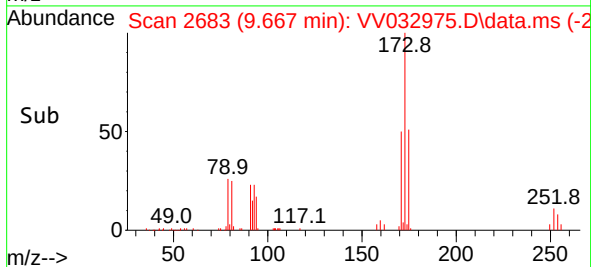
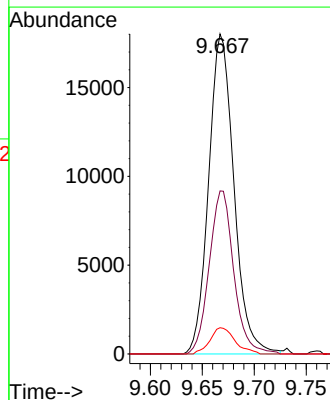
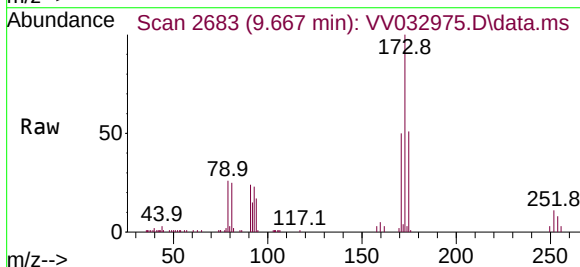
Tgt Ion: 173 Resp: 30491

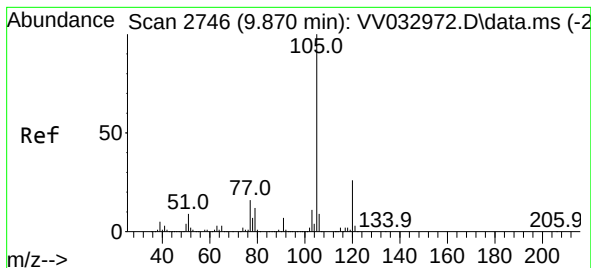
Ion Ratio Lower Upper

173 100

175 49.5 39.0 58.4

254 8.1 6.4 9.6





#60

Isopropylbenzene

Concen: 5.344 ug/L

RT: 9.870 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :

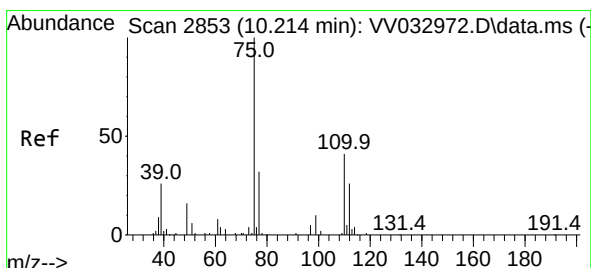
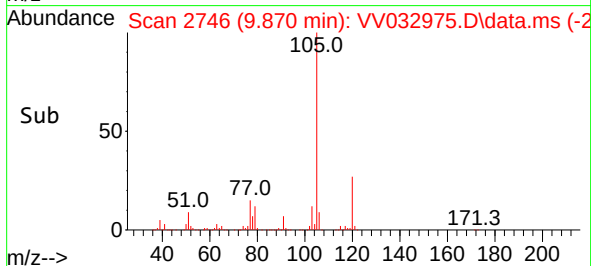
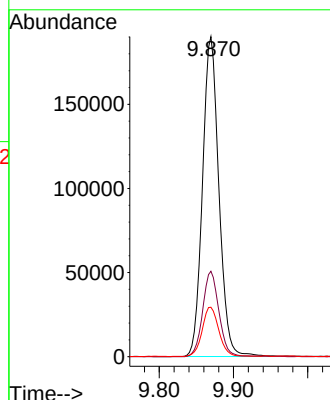
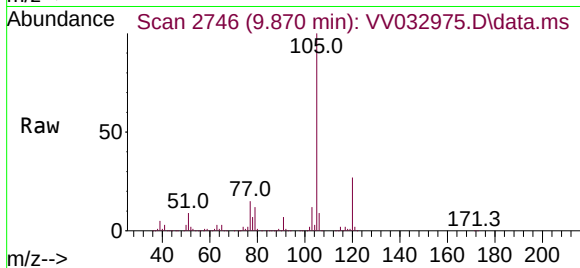
Tgt Ion:105 Resp: 291307

Ion Ratio Lower Upper

105 100

120 26.6 20.6 31.0

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.540 ug/L

RT: 10.214 min Scan# 2853

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

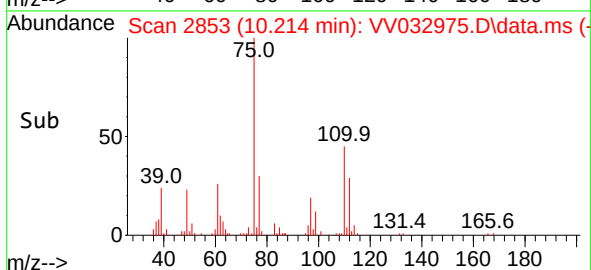
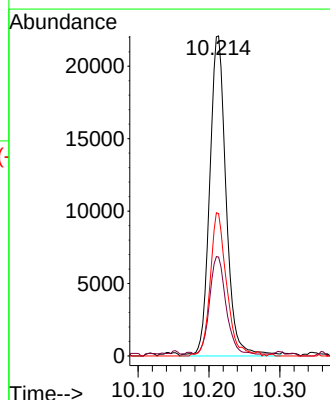
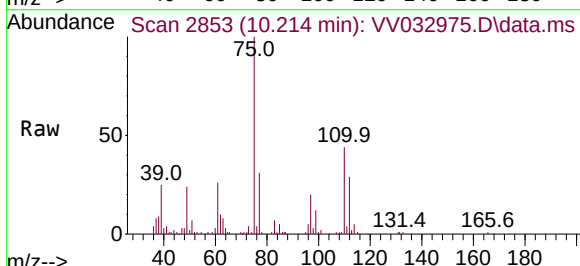
Tgt Ion: 75 Resp: 35601

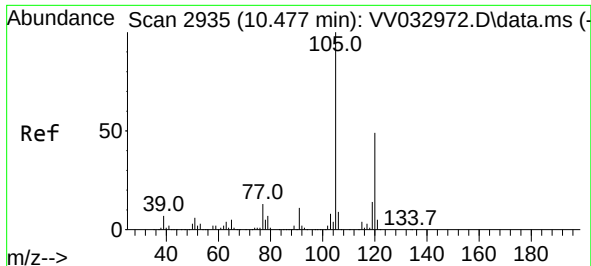
Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.4

110 44.4 35.6 53.4

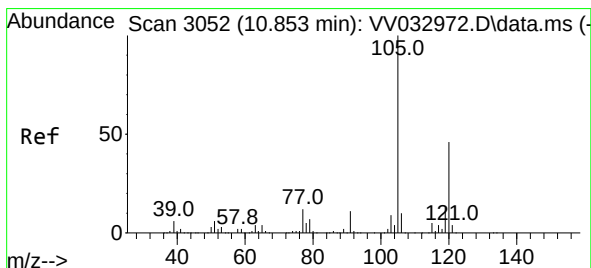
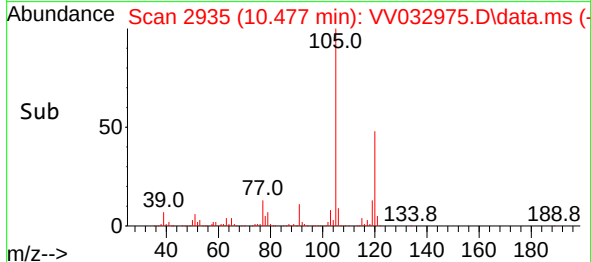
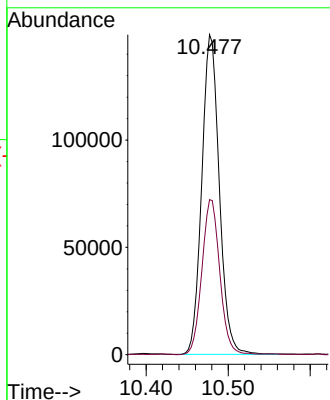
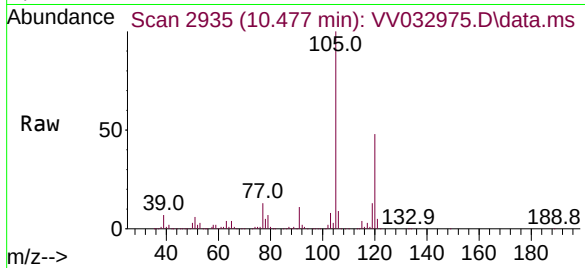




#62
 1,3,5-Trimethylbenzene
 Concen: 5.182 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

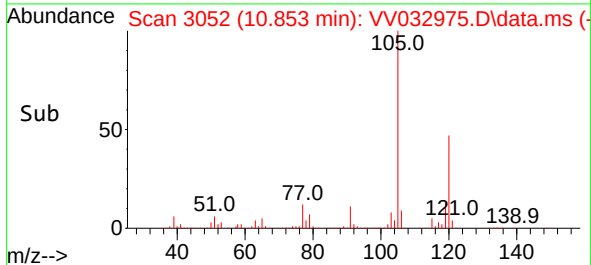
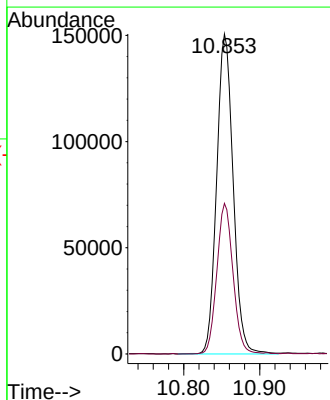
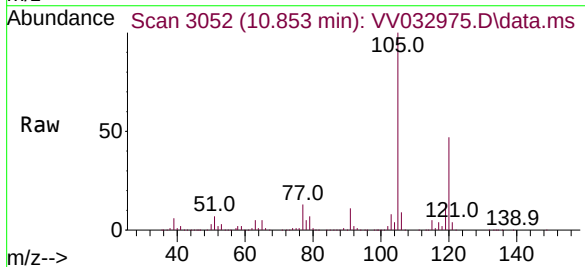
Instrument :
 MSVOA_V
 ClientSampleId :

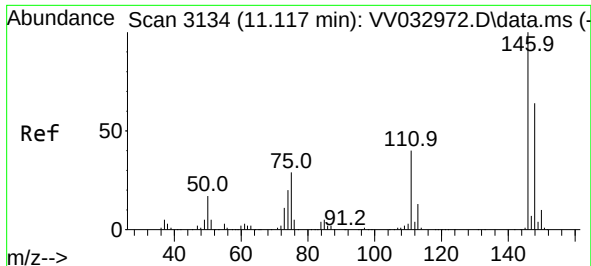
Tgt Ion:105 Resp: 221399
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.271 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

Tgt Ion:105 Resp: 226965
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.6 55.0

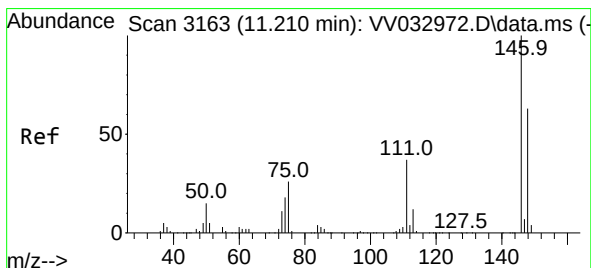
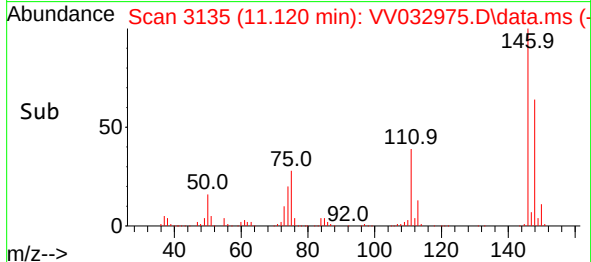
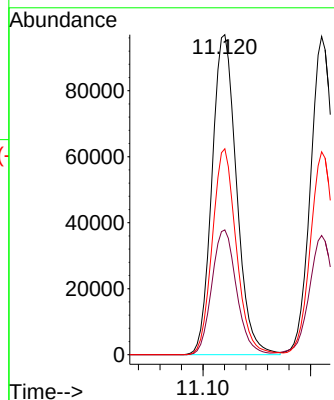
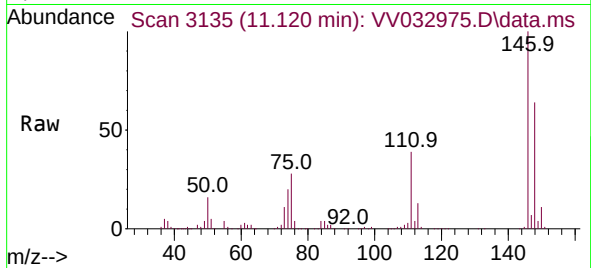




#64
 1,3-Dichlorobenzene
 Concen: 5.313 ug/L
 RT: 11.120 min Scan# 3134
 Delta R.T. 0.003 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

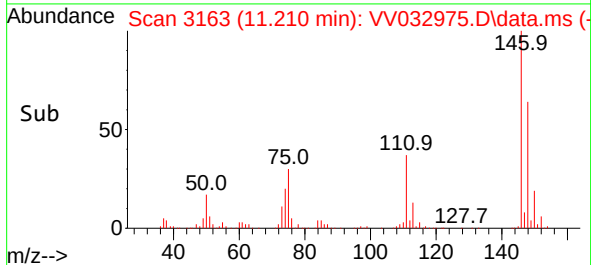
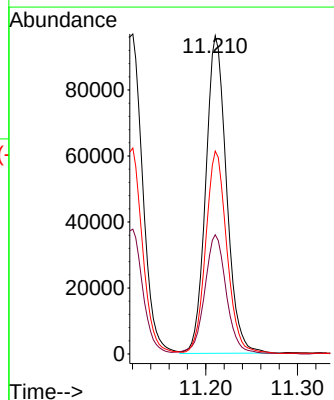
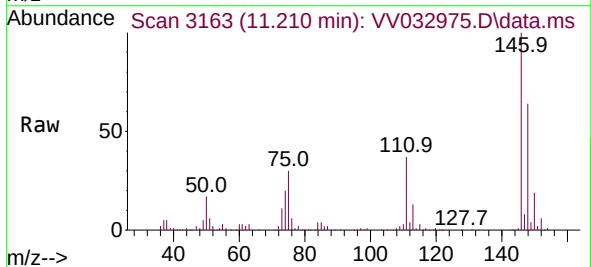
Instrument :
 MSVOA_V
 ClientSampleId :

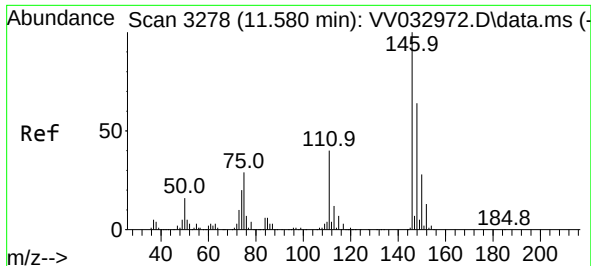
Tgt Ion:146 Resp: 153805
 Ion Ratio Lower Upper
 146 100
 111 39.0 27.8 51.6
 148 64.4 44.5 82.7



#65
 1,4-Dichlorobenzene
 Concen: 5.134 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VV032975.D
 Acq: 16 Nov 2023 21:22

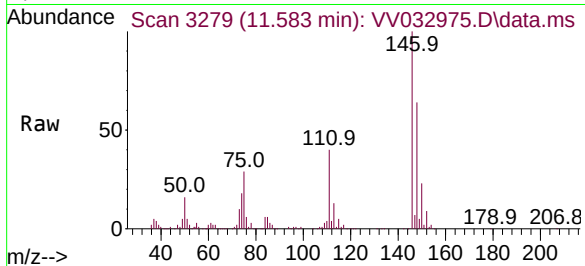
Tgt Ion:146 Resp: 151738
 Ion Ratio Lower Upper
 146 100
 111 37.4 25.8 48.0
 148 63.7 44.4 82.4



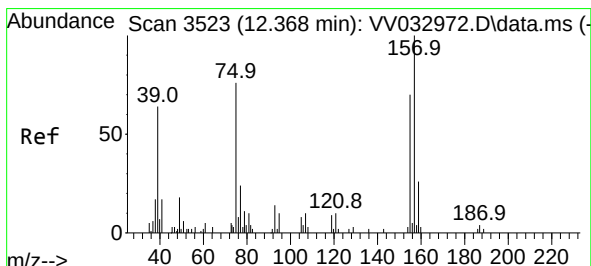
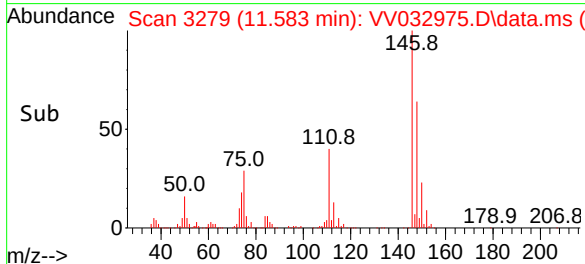
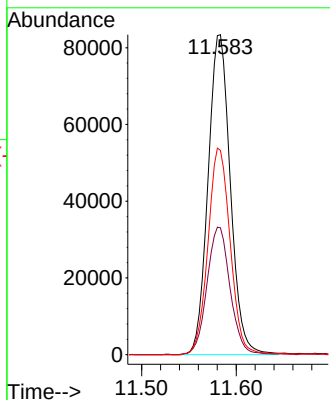


#67
1,2-Dichlorobenzene
Concen: 5.287 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Instrument :
MSVOA_V
ClientSampleId :

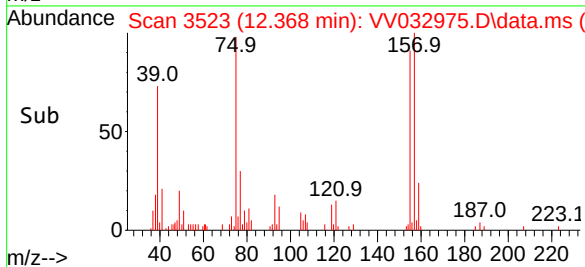
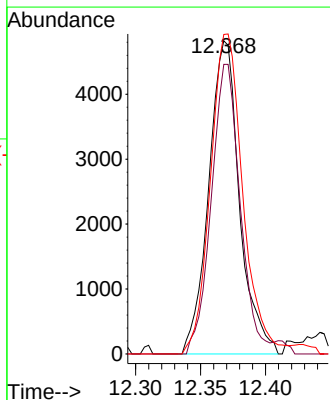
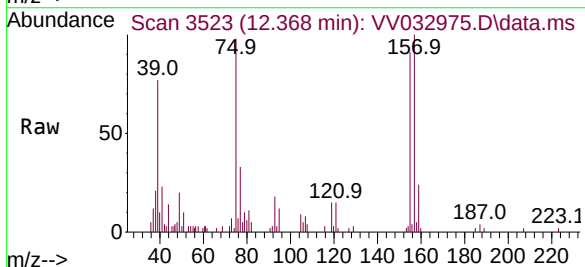


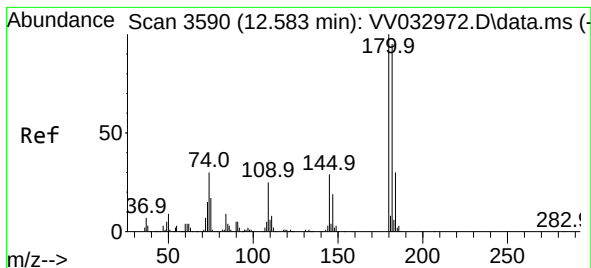
Tgt Ion:146 Resp: 136686
Ion Ratio Lower Upper
146 100
111 39.6 31.8 47.8
148 63.9 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.150 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV032975.D
Acq: 16 Nov 2023 21:22

Tgt Ion: 75 Resp: 7933
Ion Ratio Lower Upper
75 100
155 92.5 71.8 107.8
157 102.0 102.2 153.2#





#69

1,3,5-Trichlorobenzene

Concen: 5.004 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

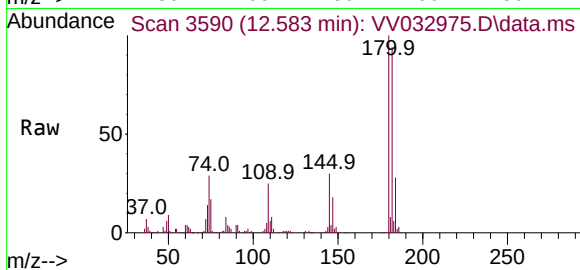
Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 107554

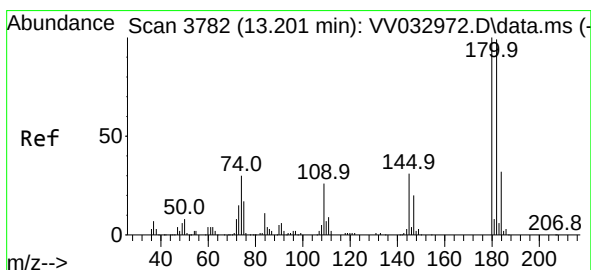
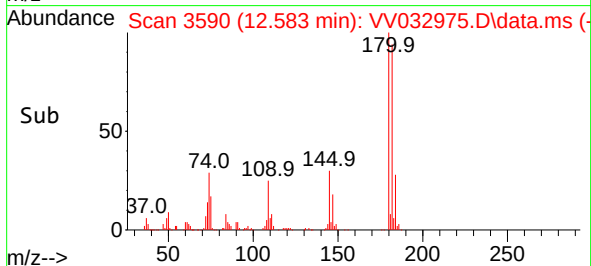
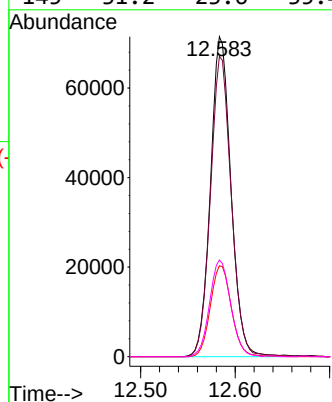
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 29.2 24.2 36.4

145 31.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 5.001 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

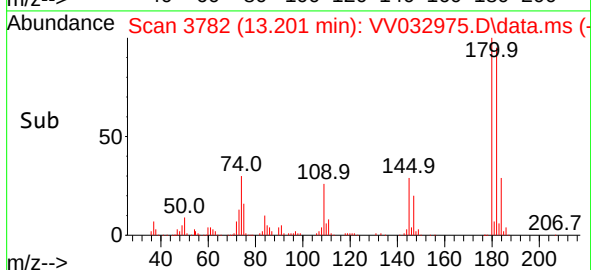
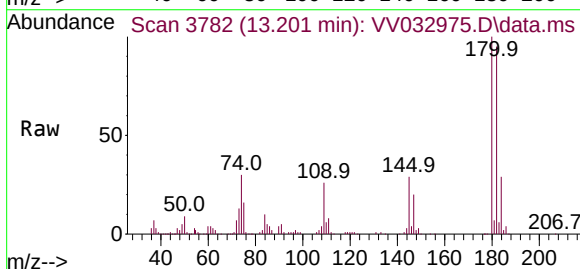
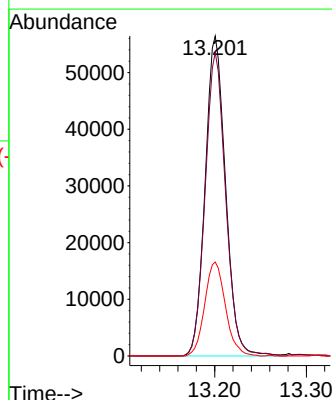
Tgt Ion:180 Resp: 87163

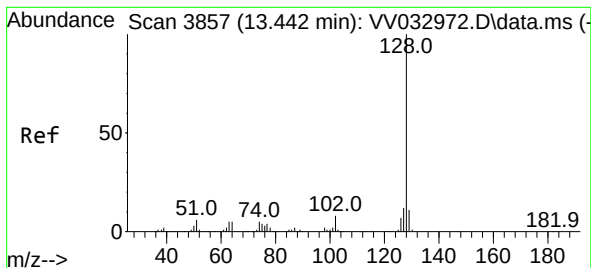
Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.2

145 29.9 25.1 37.7





#71

Naphthalene

Concen: 5.202 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Instrument :

MSVOA_V

ClientSampleId :

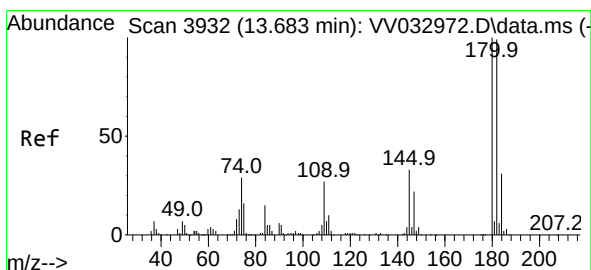
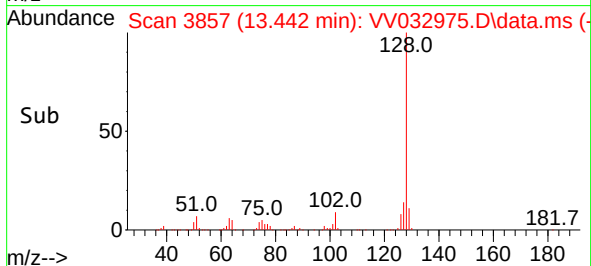
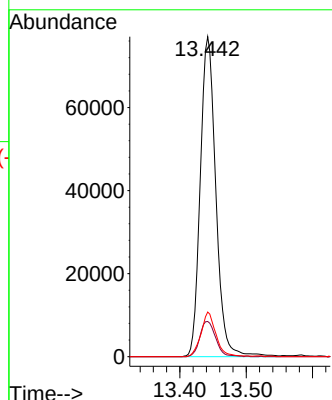
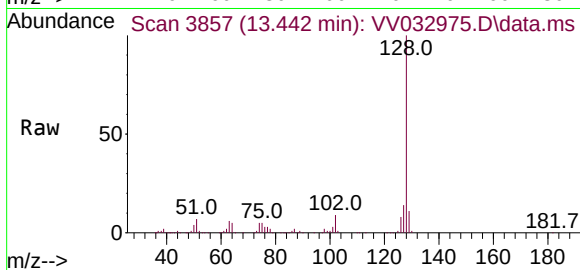
Tgt Ion:128 Resp: 126205

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.4 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.213 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032975.D

Acq: 16 Nov 2023 21:22

Tgt Ion:180 Resp: 79122

Ion Ratio Lower Upper

180 100

182 95.6 76.7 115.1

145 33.4 27.0 40.4

