

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032973.D
 Acq On : 16 Nov 2023 20:09
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 00:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:29:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	179822	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	185436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	101583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153693	10.041	ug/L	0.00
7) Chloroethane-d5	1.532	69	148909	10.148	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	66798	9.898	ug/L	0.00
20) 2-Butanone-d5	3.793	46	214025	105.001	ug/L	0.00
24) Chloroform-d	4.249	84	269688	10.248	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	118353	10.187	ug/L	0.00
32) Benzene-d6	4.960	84	510424	10.470	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	140315	10.139	ug/L	0.00
41) Toluene-d8	7.243	98	501311	10.930	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	57658	10.688	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	209028	116.221	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	102966	10.086	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	175786	9.945	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	195880	9.962	ug/L	98
3) Chloromethane	1.214	50	186725	9.547	ug/L	96
5) Vinyl chloride	1.281	62	182546	9.830	ug/L	98
6) Bromomethane	1.487	94	124936	9.438	ug/L	98
8) Chloroethane	1.548	64	139802	10.032	ug/L	99
9) Trichlorofluoromethane	1.712	101	286051	9.926	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	159112	9.737	ug/L	99
12) 1,1-Dichloroethene	2.069	96	148749	9.802	ug/L	96
13) Acetone	2.124	43	161516	85.280	ug/L	99
14) Carbon disulfide	2.240	76	437451	9.975	ug/L	100
15) Methyl Acetate	2.378	43	36701	8.735	ug/L	# 83
16) Methylene chloride	2.445	84	142100	7.906	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	255862	10.100	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	141892	9.832	ug/L	99
19) 1,1-Dichloroethane	3.111	63	245389	9.600	ug/L	96
21) 2-Butanone	3.873	43	223443	98.188	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	149975	10.161	ug/L	97
23) Bromochloromethane	4.149	128	66893	9.878	ug/L	96
25) Chloroform	4.275	83	272632	9.667	ug/L	96
27) 1,2-Dichloroethane	5.040	62	150556	10.035	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	250748	9.793	ug/L	100
30) Cyclohexane	4.584	56	192219	10.766	ug/L	99
31) Carbon tetrachloride	4.738	117	222403	10.031	ug/L	99
33) Benzene	5.011	78	567137	10.362	ug/L	100
34) Trichloroethene	5.834	95	153017	10.159	ug/L	98
35) Methylcyclohexane	6.053	83	215231	10.787	ug/L	99
37) 1,2-Dichloropropane	6.095	63	134211	9.863	ug/L	99
38) Bromodichloromethane	6.432	83	182827	9.737	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	194777	10.436	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	582657	108.515	ug/L	99
42) Toluene	7.317	91	630272	10.587	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	158069	10.531	ug/L	99

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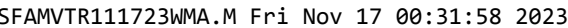
Quant Time: Nov 17 00:31:48 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:29:50 2023
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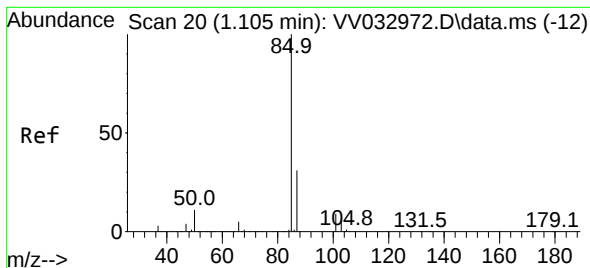
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	96976	9.900	ug/L	99
47) Tetrachloroethene	7.905	164	127543	10.055	ug/L	98
48) 2-Hexanone	8.075	43	412635	104.644	ug/L	99
49) Dibromochloromethane	8.178	129	116059	9.881	ug/L	95
50) 1,2-Dibromoethane	8.284	107	91168	9.732	ug/L #	97
51) Chlorobenzene	8.815	112	401347	10.040	ug/L	98
52) Ethylbenzene	8.947	91	677862	10.956	ug/L	99
53) m,p-Xylene	9.075	106	268959	11.245	ug/L	96
54) o-Xylene	9.480	106	255332	11.172	ug/L	95
55) Styrene	9.497	104	449700	11.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	103744	9.496	ug/L	100
59) Bromoform	9.667	173	63246	9.868	ug/L	99
60) Isopropylbenzene	9.870	105	694659	11.038	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	70082	9.446	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	551839	11.189	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	560462	11.275	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	338055	10.116	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	338079	9.910	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	300295	10.062	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	15483	8.707	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	242986	9.794	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	195068	9.695	ug/L	99
71) Naphthalene	13.442	128	288385	10.297	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	175366	10.009	ug/L	98

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

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QLast Update : Fri Nov 17 00:29:50 2023
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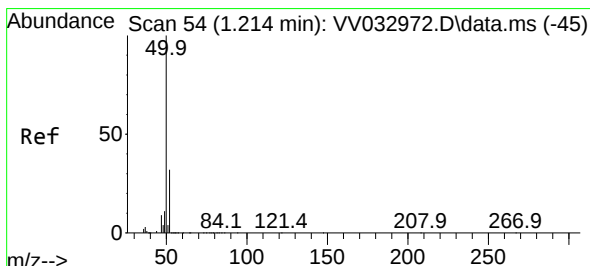
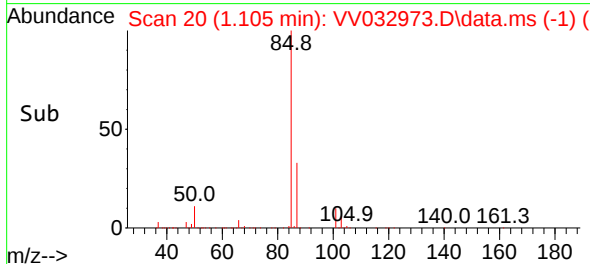
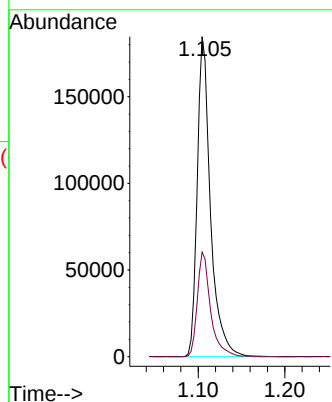
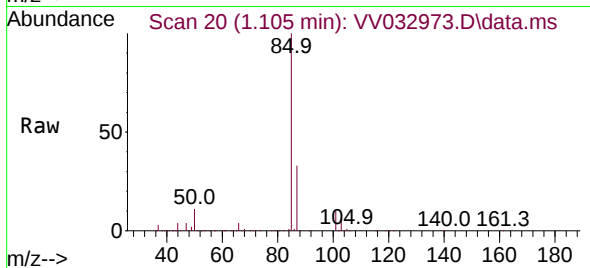




#2
 Dichlorodifluoromethane
 Concen: 9.962 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032973.D
 Acq: 16 Nov 2023 20:09

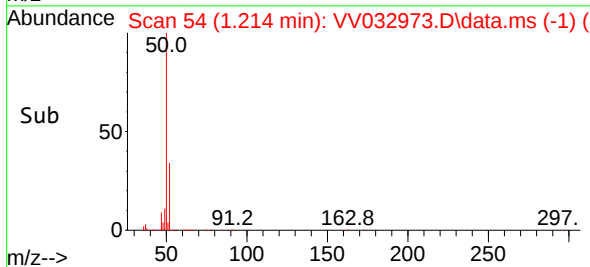
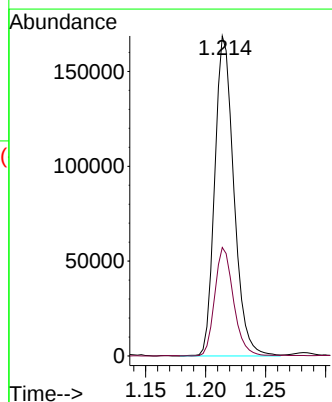
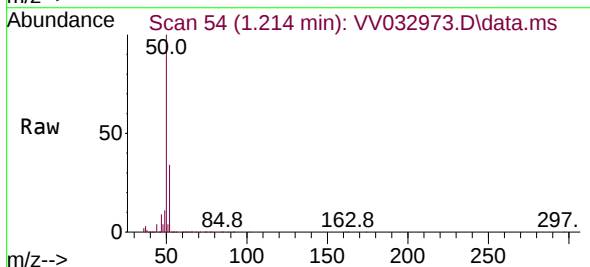
Instrument :
 MSVOA_V
 ClientSampleId :

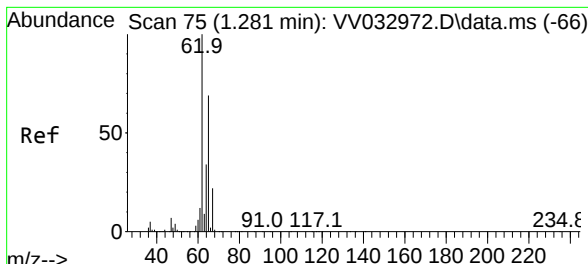
Tgt Ion: 85 Resp: 195880
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.4 38.2



#3
 Chloromethane
 Concen: 9.547 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV032973.D
 Acq: 16 Nov 2023 20:09

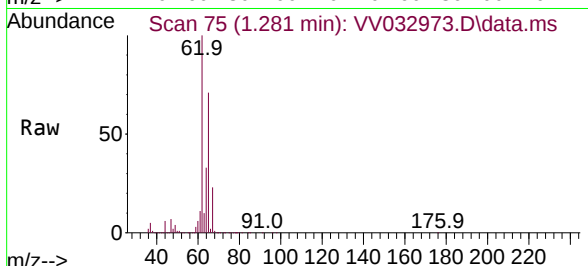
Tgt Ion: 50 Resp: 186725
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.3 41.3



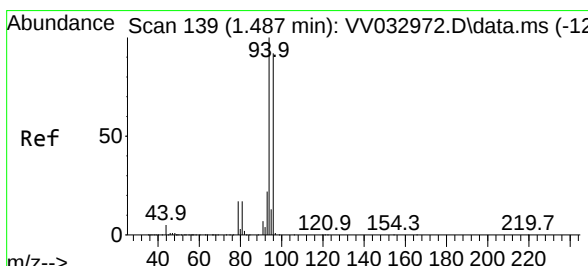
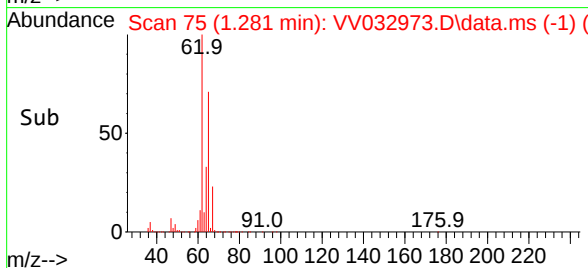
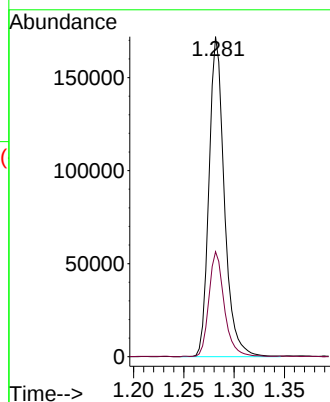


#5
 Vinyl chloride
 Concen: 9.830 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032973.D
 Acq: 16 Nov 2023 20:09

Instrument :
 MSVOA_V
 ClientSampleId :

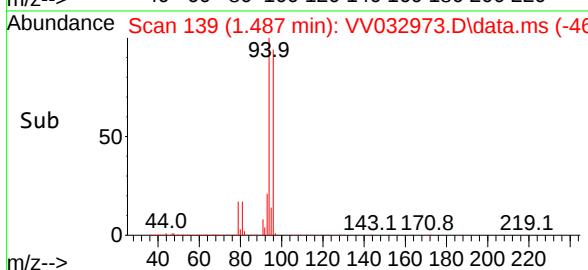
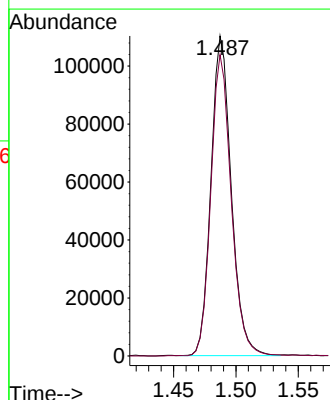
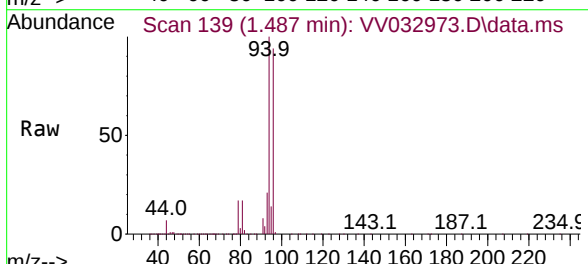


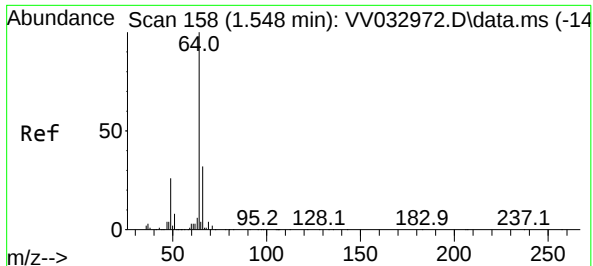
Tgt Ion: 62 Resp: 182546
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 43.9



#6
 Bromomethane
 Concen: 9.438 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032973.D
 Acq: 16 Nov 2023 20:09

Tgt Ion: 94 Resp: 124936
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.3 119.3

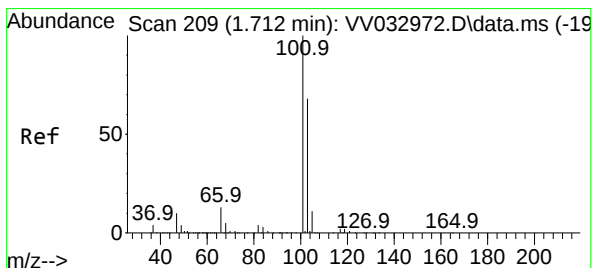
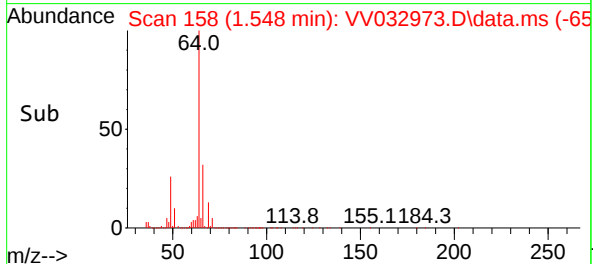
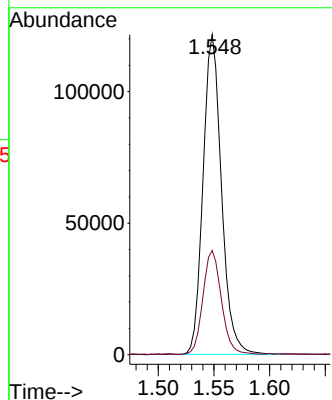
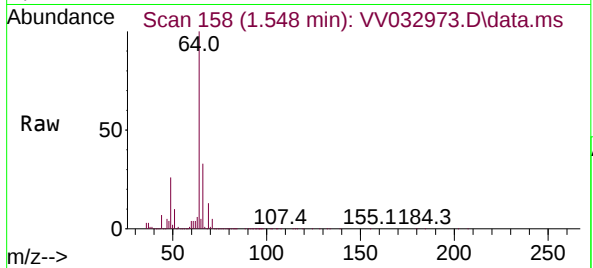




#8
Chloroethane
Concen: 10.032 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

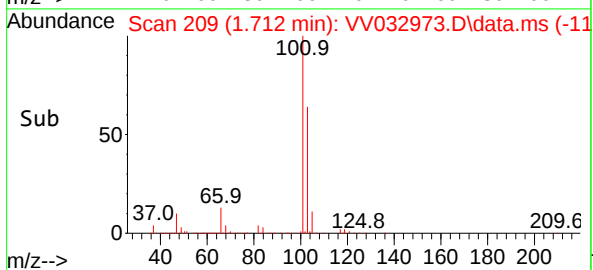
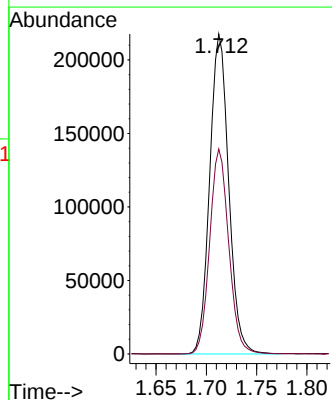
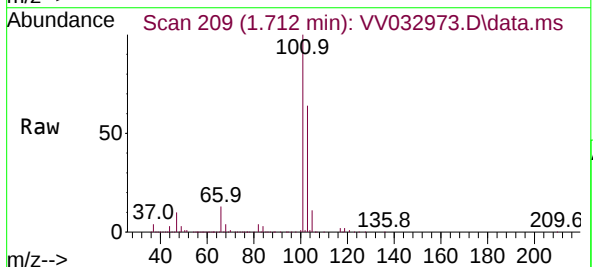
Instrument :
MSVOA_V
ClientSampleId :

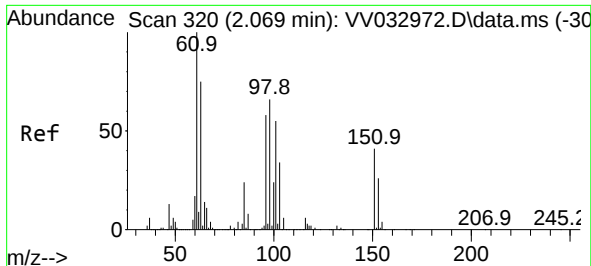
Tgt Ion: 64 Resp: 139802
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 9.926 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion:101 Resp: 286051
Ion Ratio Lower Upper
101 100
103 64.0 53.0 79.4





#10

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

Concen: 9.737 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

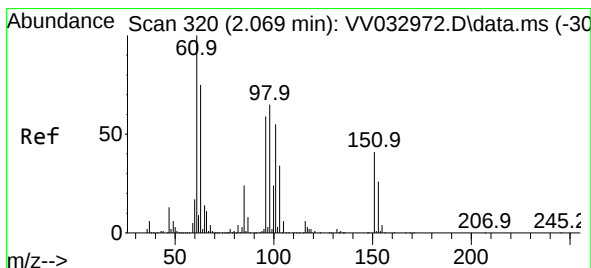
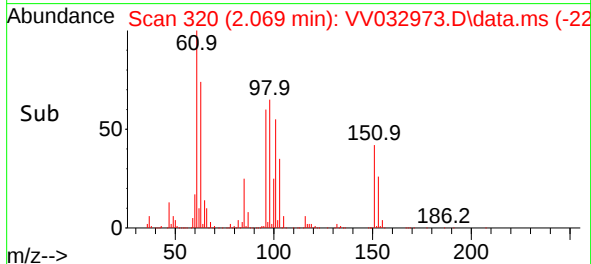
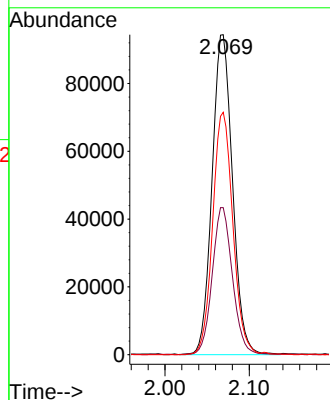
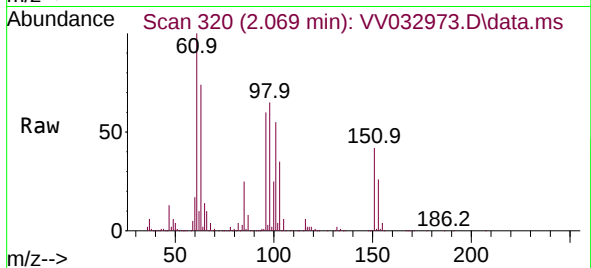
Tgt Ion:101 Resp: 159112

Ion Ratio Lower Upper

101 100

85 45.5 35.5 53.3

151 74.8 59.5 89.3



#12

1,1-Dichloroethene

Concen: 9.802 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

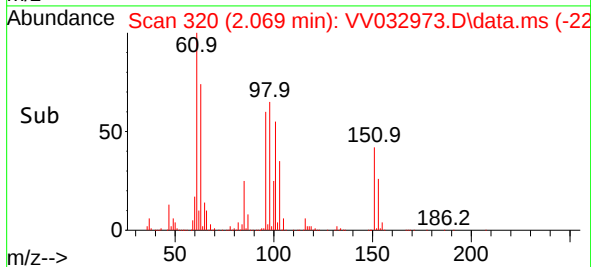
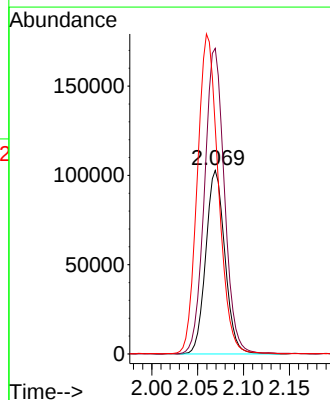
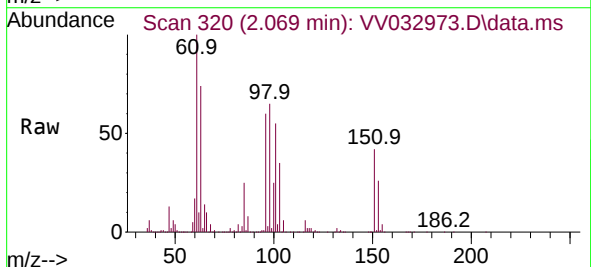
Tgt Ion: 96 Resp: 148749

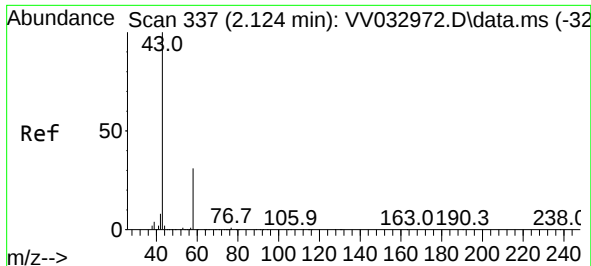
Ion Ratio Lower Upper

96 100

61 166.5 119.8 222.6

63 123.6 90.5 168.1





#13

Acetone

Concen: 85.280 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

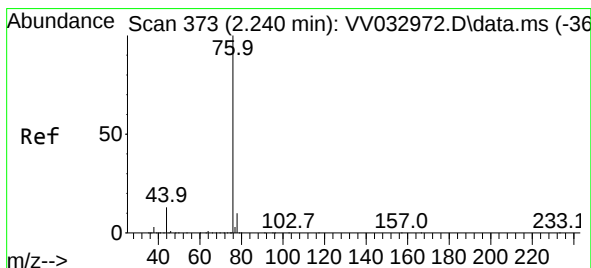
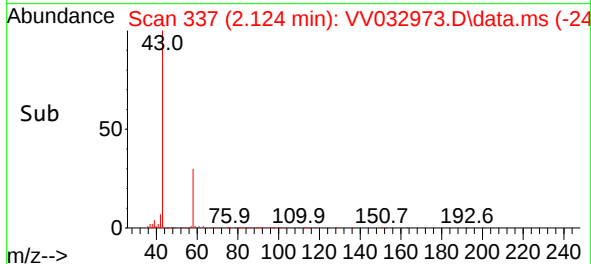
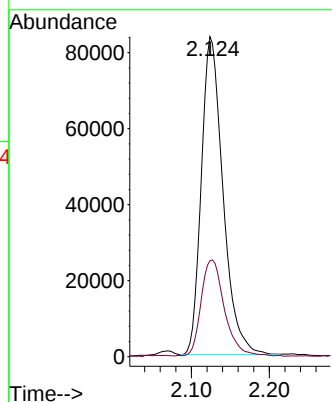
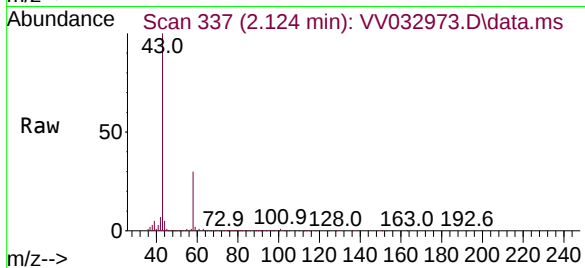
ClientSampleId :

Tgt Ion: 43 Resp: 161516

Ion Ratio Lower Upper

43 100

58 32.3 0.0 63.6



#14

Carbon disulfide

Concen: 9.975 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032973.D

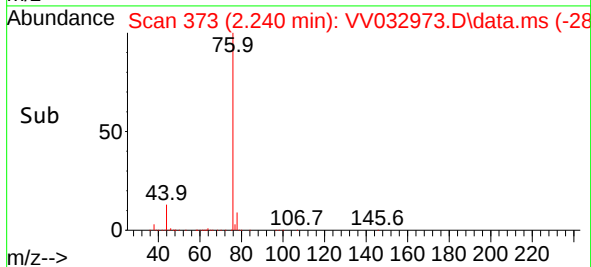
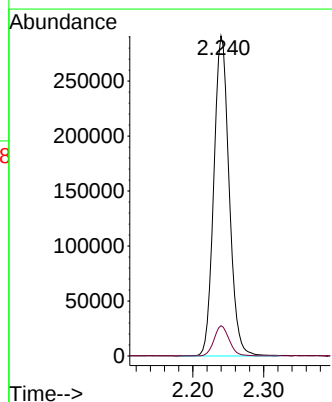
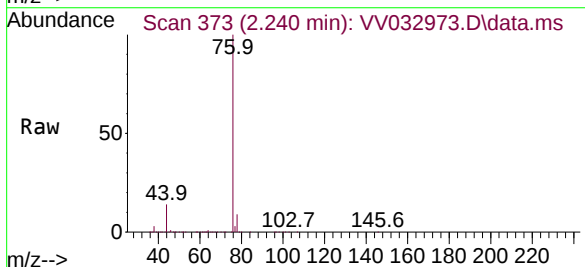
Acq: 16 Nov 2023 20:09

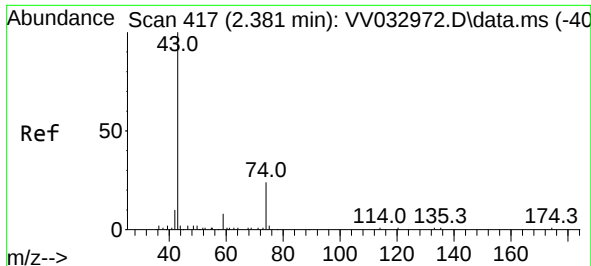
Tgt Ion: 76 Resp: 437451

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

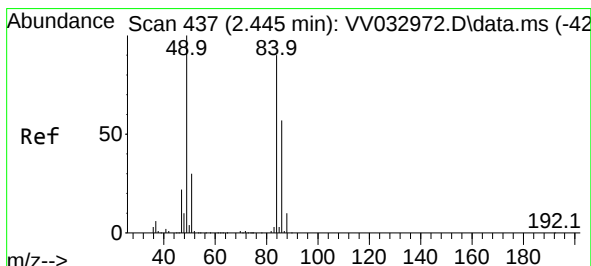
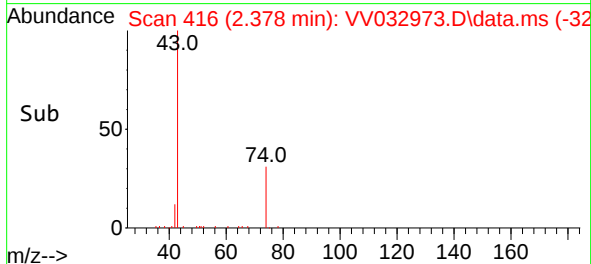
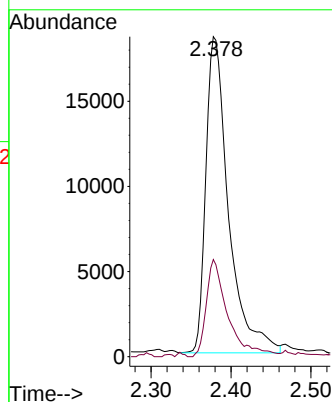
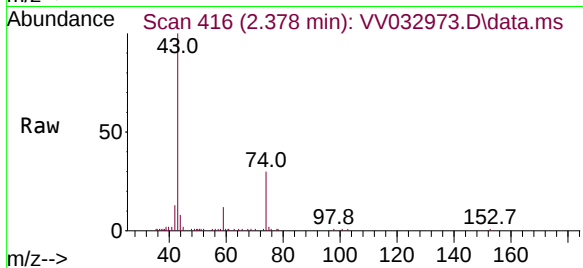




#15
Methyl Acetate
Concen: 8.735 ug/L
RT: 2.378 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

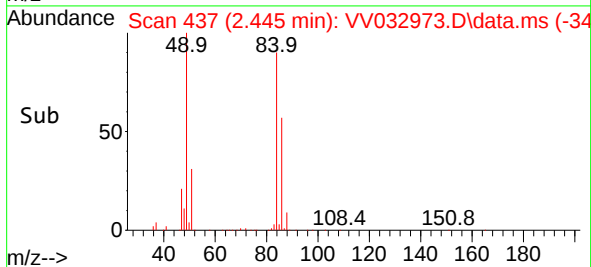
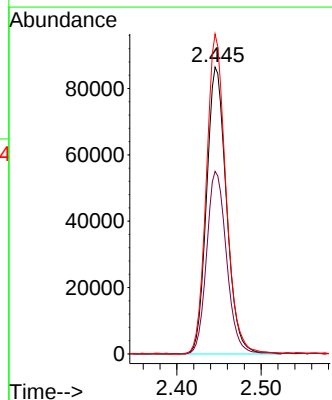
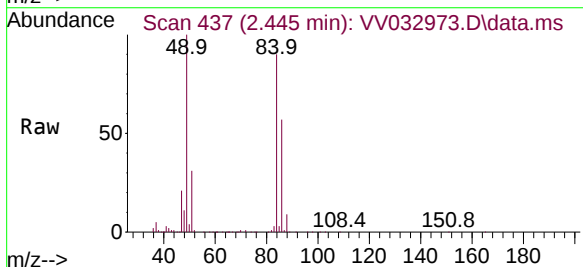
Instrument :
MSVOA_V
ClientSampleId :

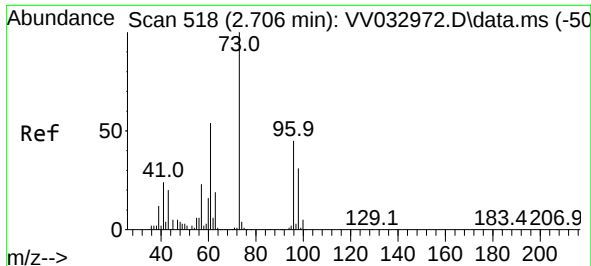
Tgt Ion: 43 Resp: 36701
Ion Ratio Lower Upper
43 100
74 29.2 16.9 25.3#



#16
Methylene chloride
Concen: 7.906 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion: 84 Resp: 142100
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 111.5 78.3 145.5





#17

Methyl tert-butyl Ether

Concen: 10.100 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

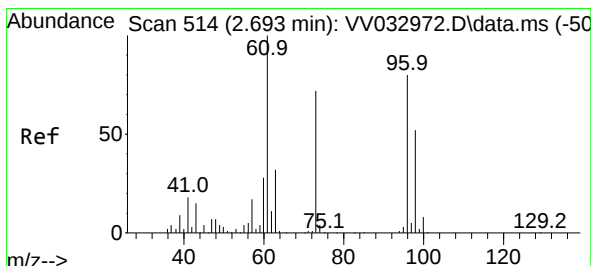
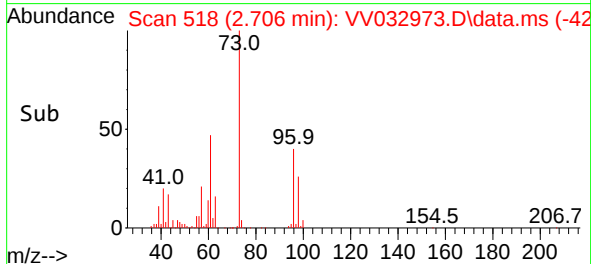
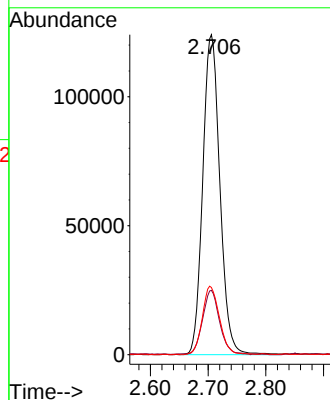
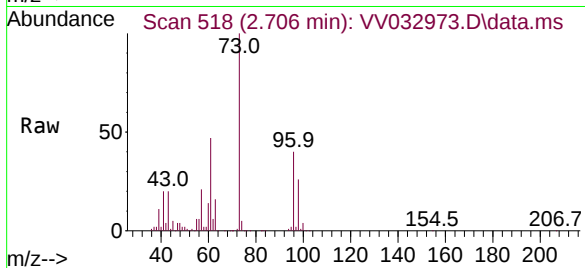
Tgt Ion: 73 Resp: 255862

Ion Ratio Lower Upper

73 100

43 20.2 17.3 25.9

57 21.5 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 9.832 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

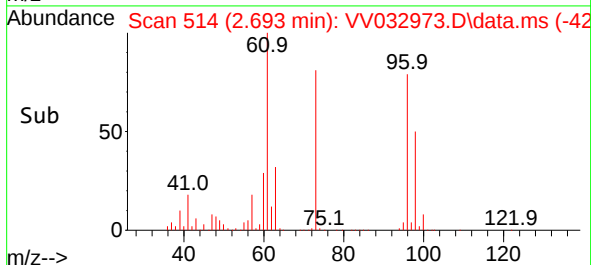
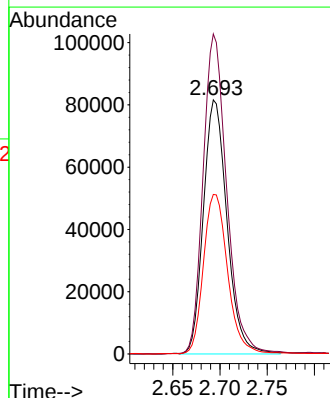
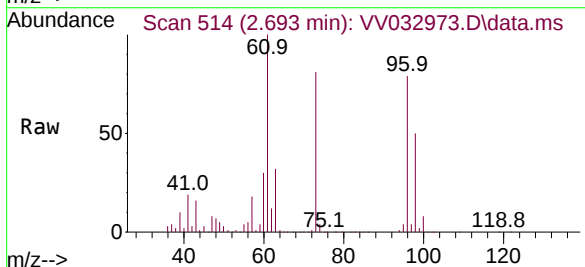
Tgt Ion: 96 Resp: 141892

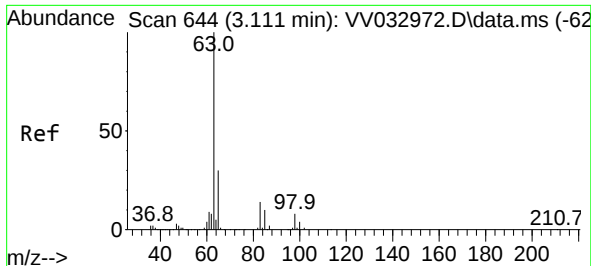
Ion Ratio Lower Upper

96 100

61 125.9 88.2 163.8

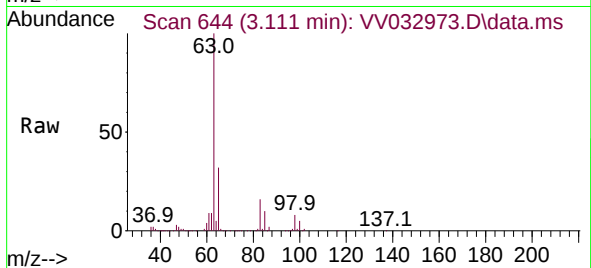
98 62.8 45.4 84.4





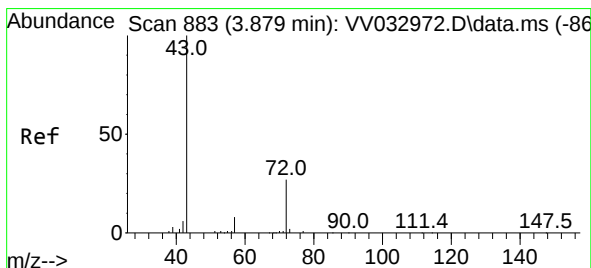
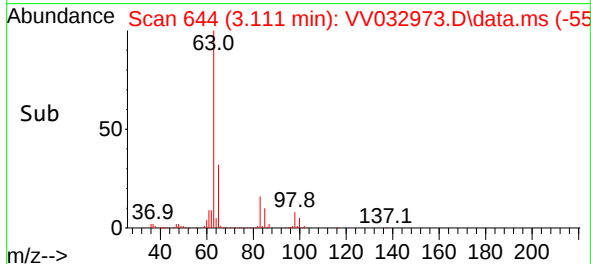
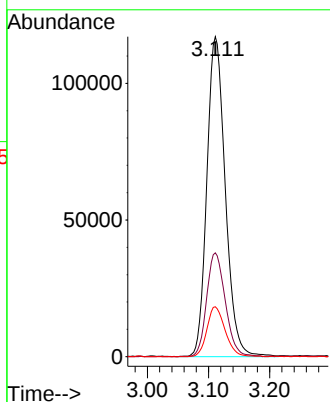
#19
1,1-Dichloroethane
Concen: 9.600 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 245389

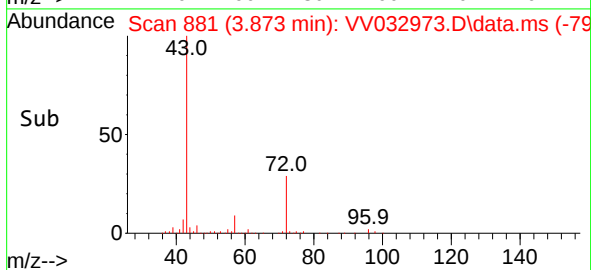
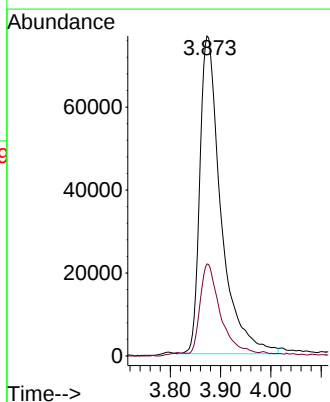
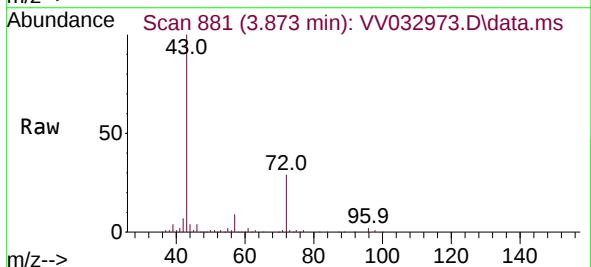
Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.0	39.0
83	15.6	10.0	18.6

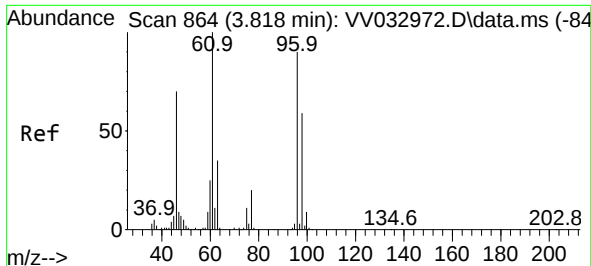


#21
2-Butanone
Concen: 98.188 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.006 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion: 43 Resp: 223443

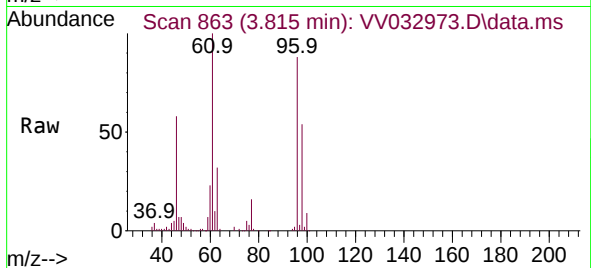
Ion	Ratio	Lower	Upper
43	100		
72	26.9	13.4	40.1





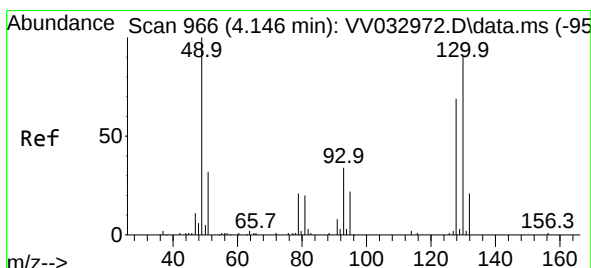
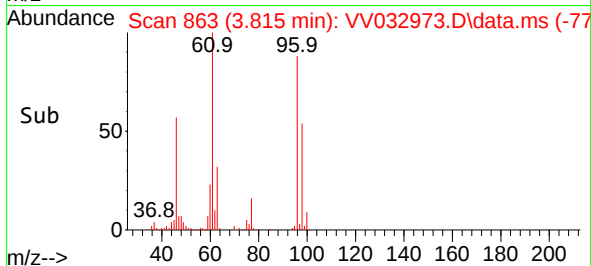
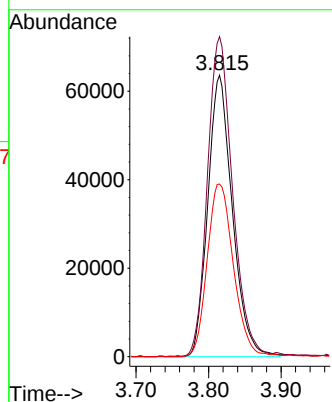
#22
 cis-1,2-Dichloroethene
 Concen: 10.161 ug/L
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032973.D
 Acq: 16 Nov 2023 20:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 149975

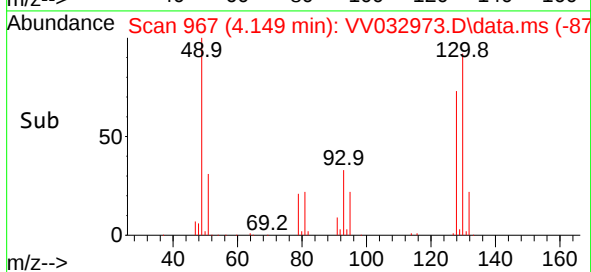
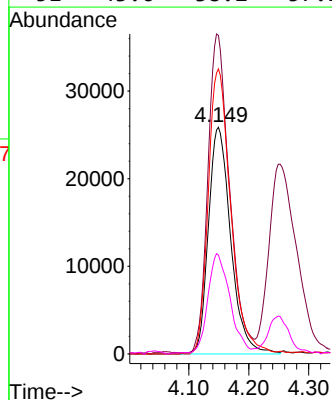
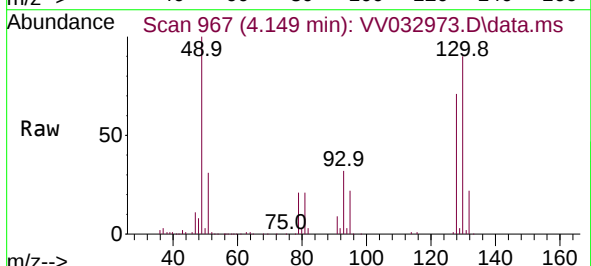
Ion	Ratio	Lower	Upper
96	100		
61	113.7	77.8	144.6
98	61.3	45.4	84.4

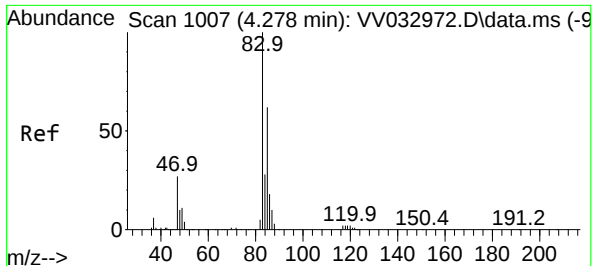


#23
 Bromochloromethane
 Concen: 9.878 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV032973.D
 Acq: 16 Nov 2023 20:09

Tgt Ion: 128 Resp: 66893

Ion	Ratio	Lower	Upper
128	100		
49	140.5	101.6	188.8
130	125.7	91.7	170.3
51	43.6	38.2	57.2





#25

Chloroform

Concen: 9.667 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

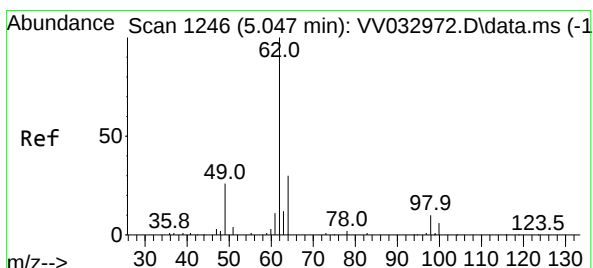
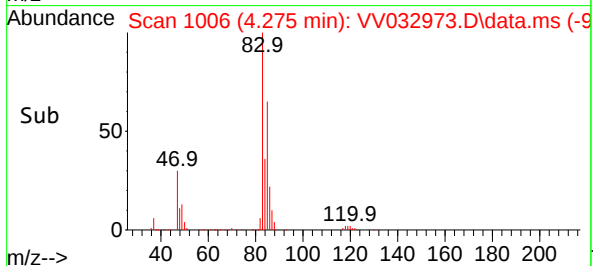
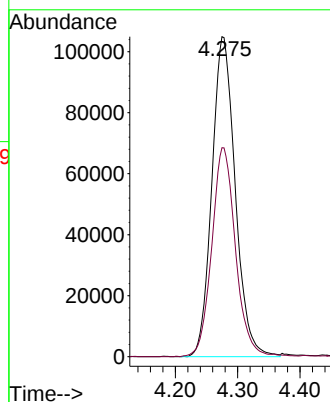
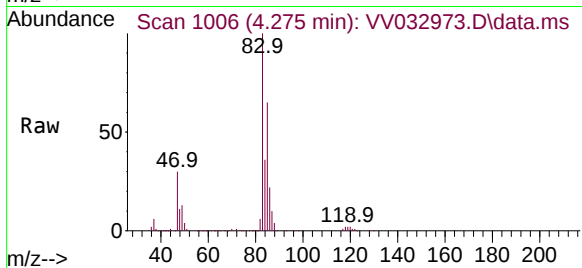
ClientSampleId :

Tgt Ion: 83 Resp: 272632

Ion Ratio Lower Upper

83 100

85 65.3 43.6 81.0



#27

1,2-Dichloroethane

Concen: 10.035 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VV032973.D

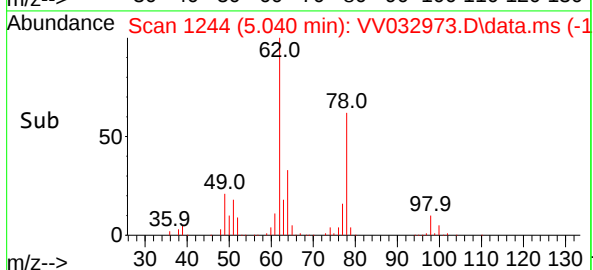
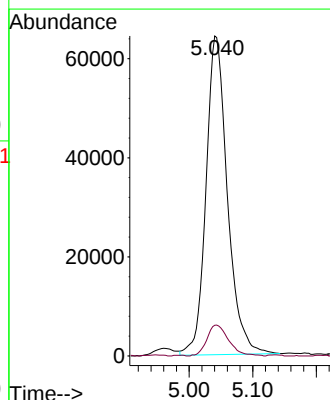
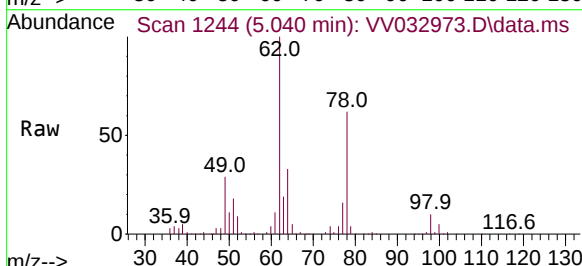
Acq: 16 Nov 2023 20:09

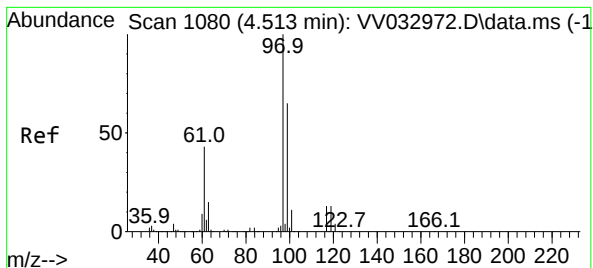
Tgt Ion: 62 Resp: 150556

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 9.793 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

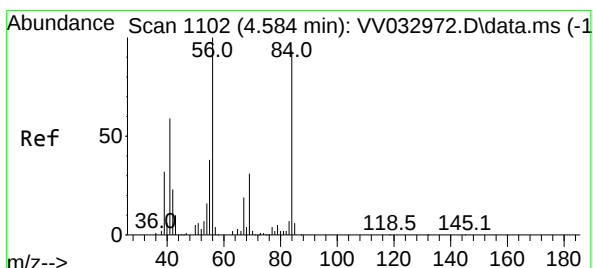
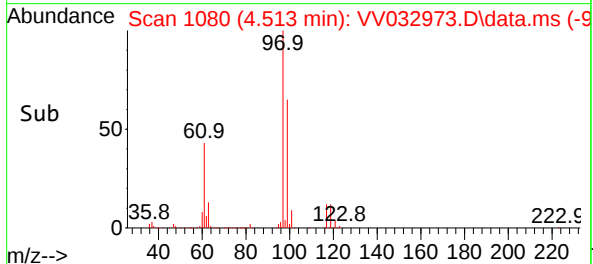
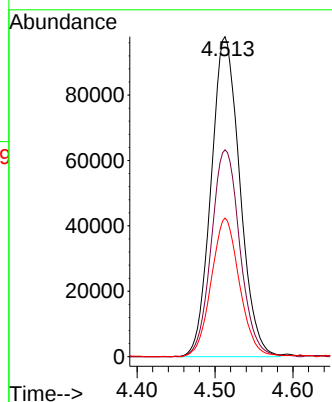
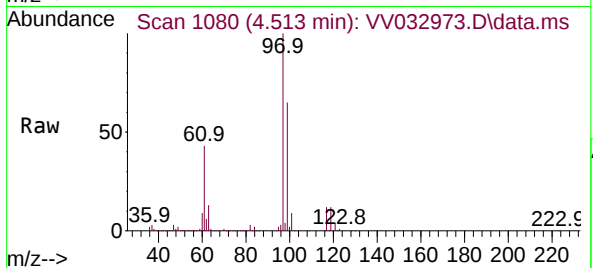
Tgt Ion: 97 Resp: 250748

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 42.7 34.2 51.2



#30

Cyclohexane

Concen: 10.766 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

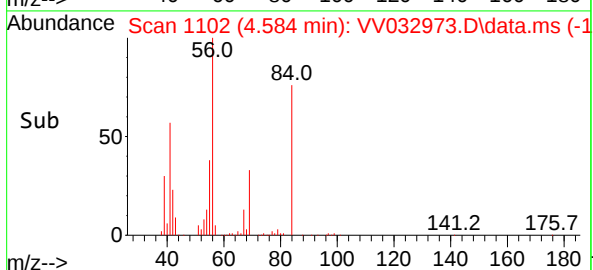
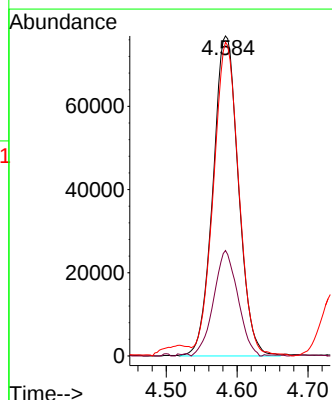
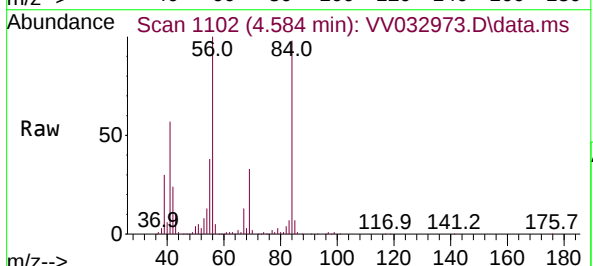
Tgt Ion: 56 Resp: 192219

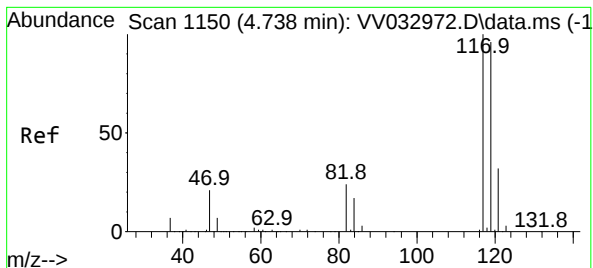
Ion Ratio Lower Upper

56 100

69 31.4 25.9 38.9

84 97.4 77.5 116.3





#31

Carbon tetrachloride

Concen: 10.031 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

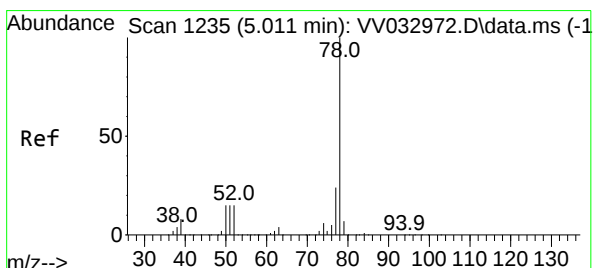
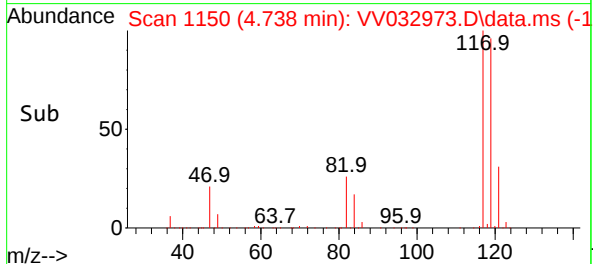
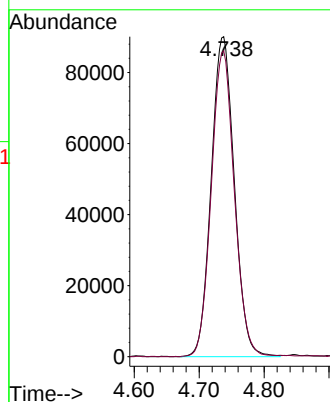
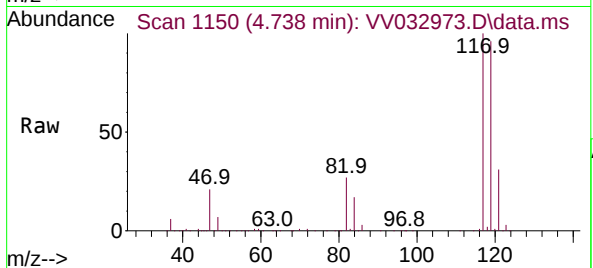
ClientSampleId :

Tgt Ion:117 Resp: 222403

Ion Ratio Lower Upper

117 100

119 95.4 76.8 115.2



#33

Benzene

Concen: 10.362 ug/L

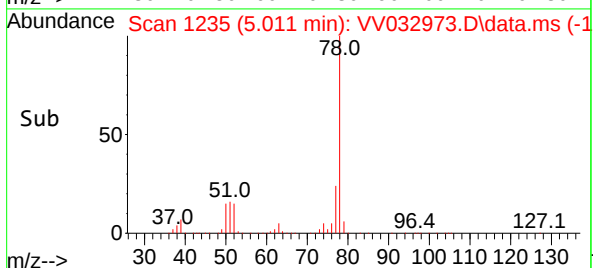
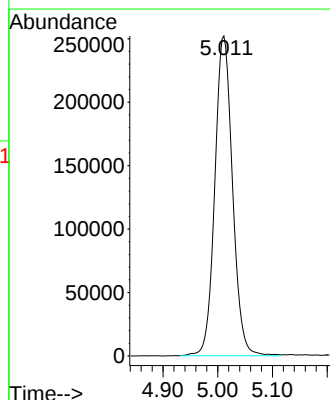
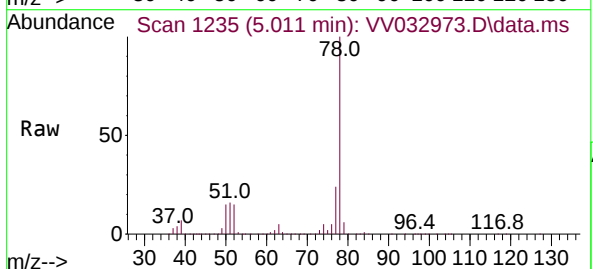
RT: 5.011 min Scan# 1235

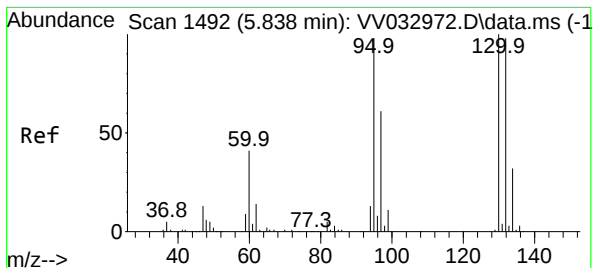
Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Tgt Ion: 78 Resp: 567137





#34

Trichloroethene

Concen: 10.159 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 153017

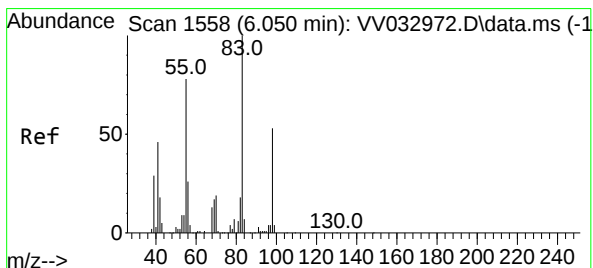
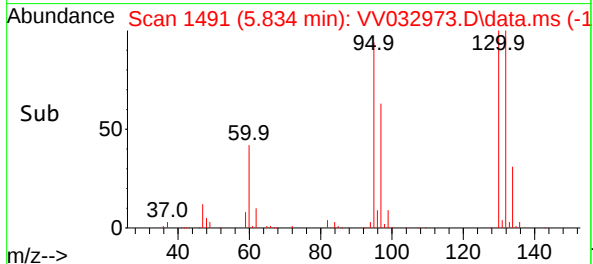
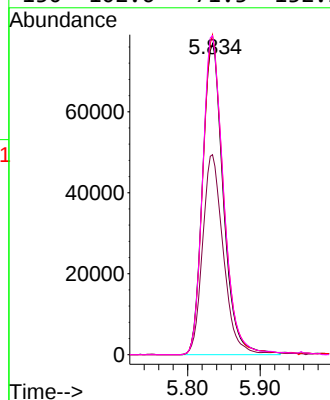
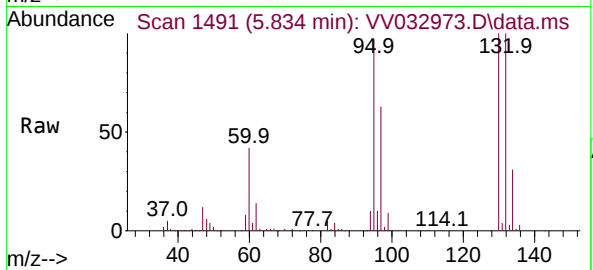
Ion Ratio Lower Upper

95 100

97 64.3 43.7 81.1

132 102.9 69.7 129.5

130 102.6 71.3 132.3



#35

Methylcyclohexane

Concen: 10.787 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

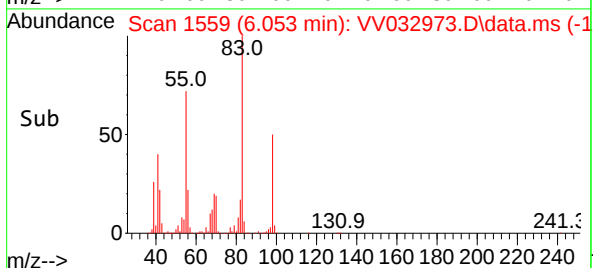
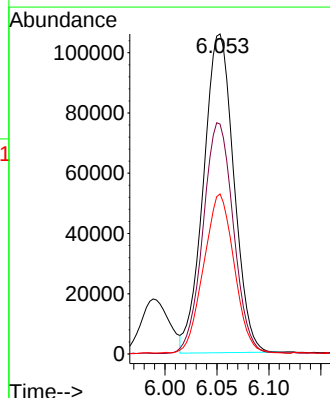
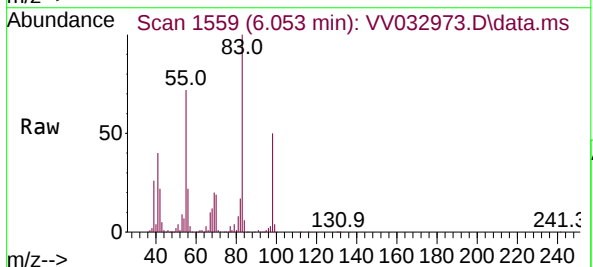
Tgt Ion: 83 Resp: 215231

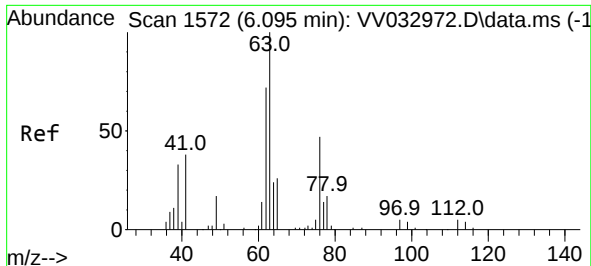
Ion Ratio Lower Upper

83 100

55 72.5 57.6 86.4

98 50.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 9.863 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

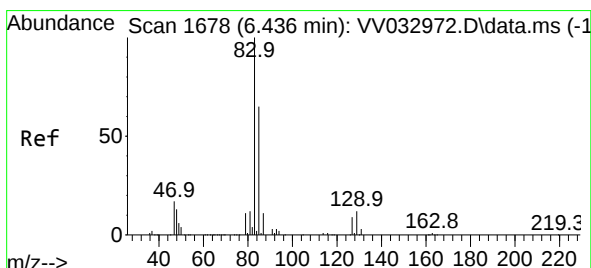
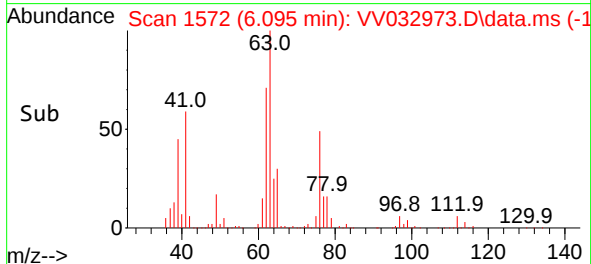
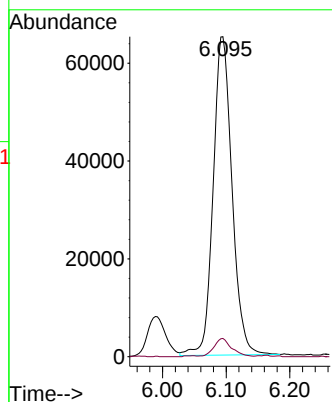
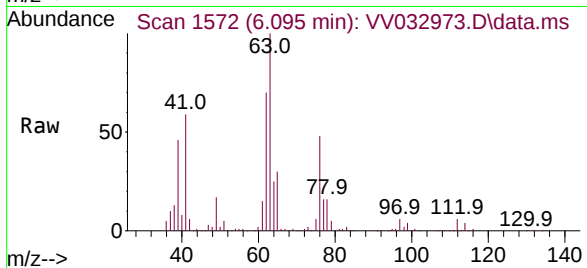
ClientSampleId :

Tgt Ion: 63 Resp: 134211

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 9.737 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

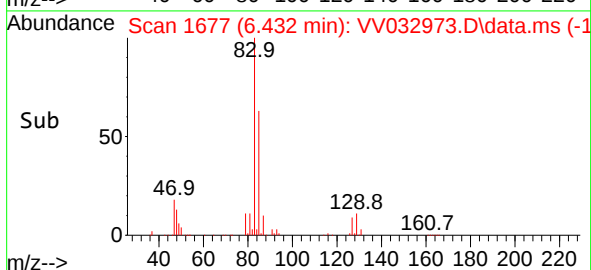
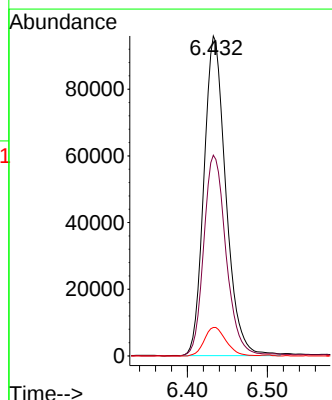
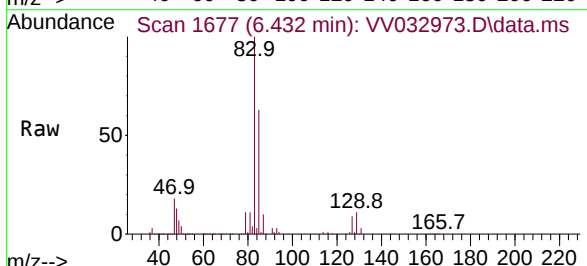
Tgt Ion: 83 Resp: 182827

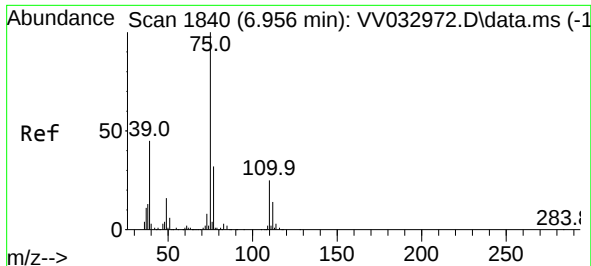
Ion Ratio Lower Upper

83 100

85 62.8 45.4 84.4

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 10.436 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

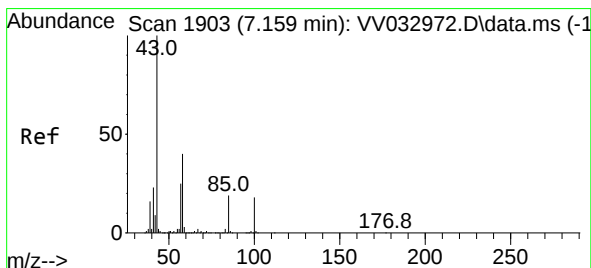
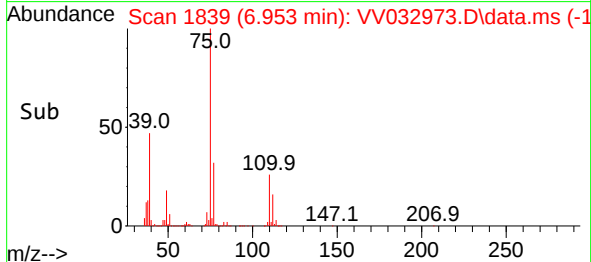
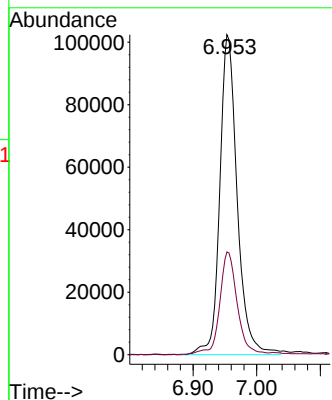
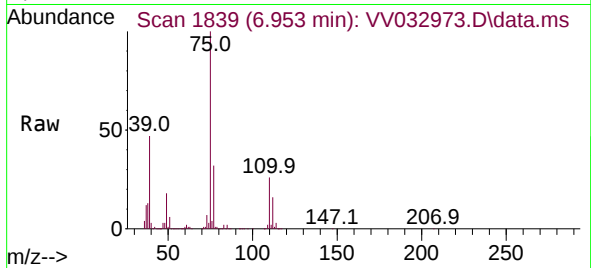
ClientSampleId :

Tgt Ion: 75 Resp: 194777

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 108.515 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

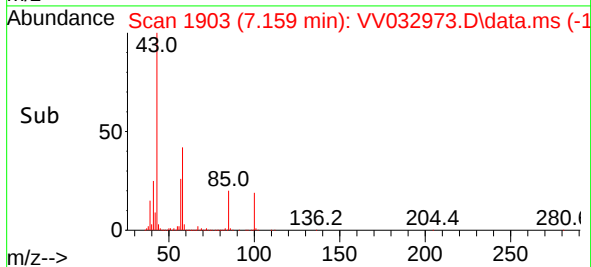
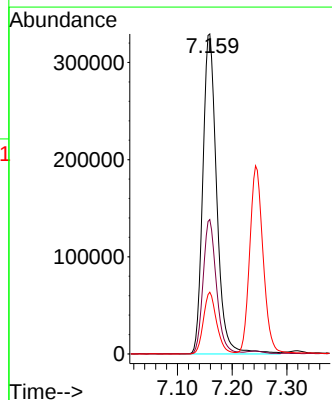
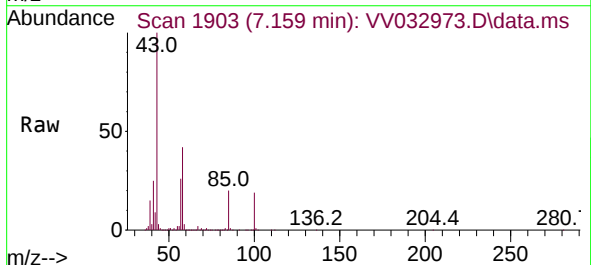
Tgt Ion: 43 Resp: 582657

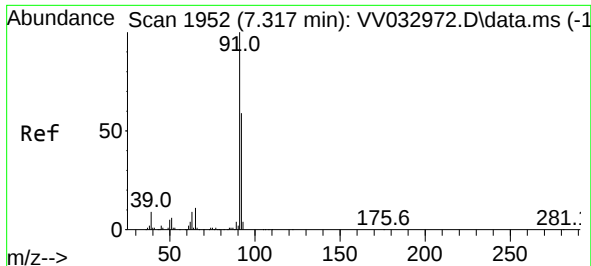
Ion Ratio Lower Upper

43 100

58 40.2 31.7 47.5

100 18.3 14.2 21.2

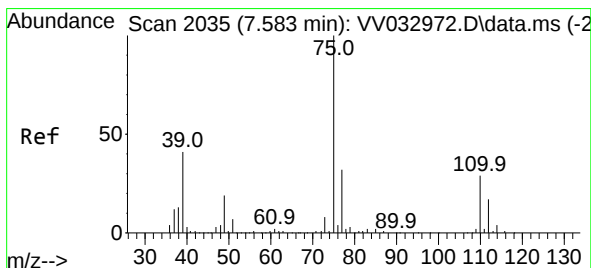
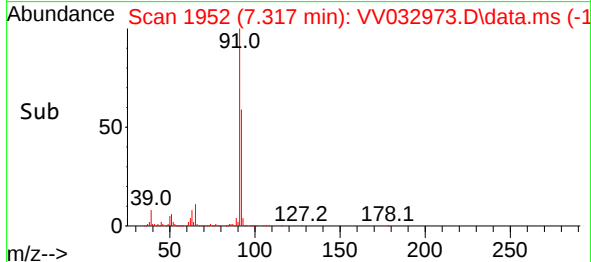
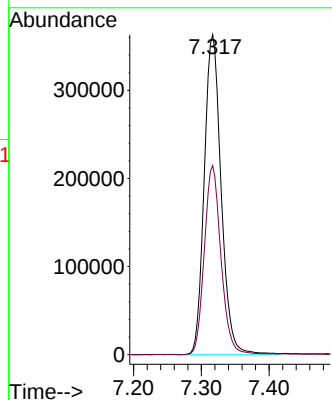
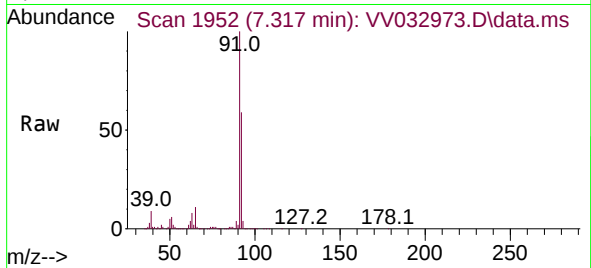




#42
Toluene
Concen: 10.587 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

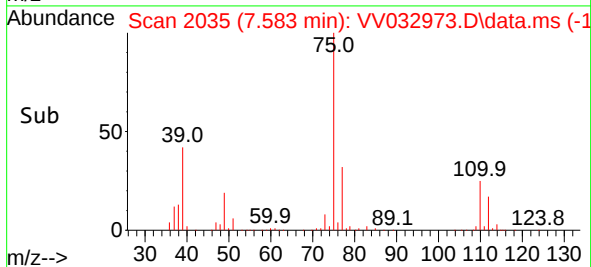
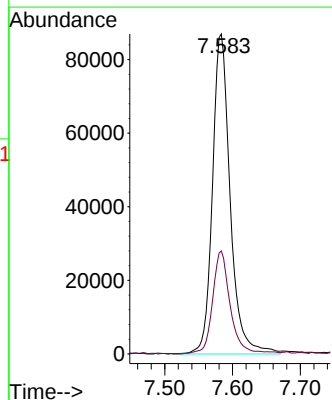
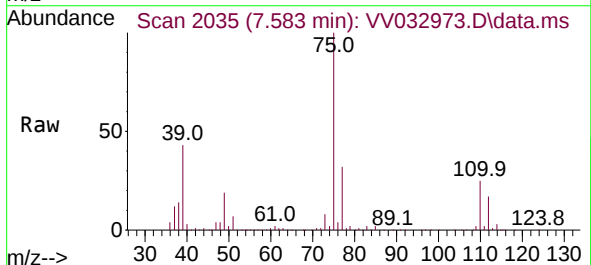
Instrument :
MSVOA_V
ClientSampleId :

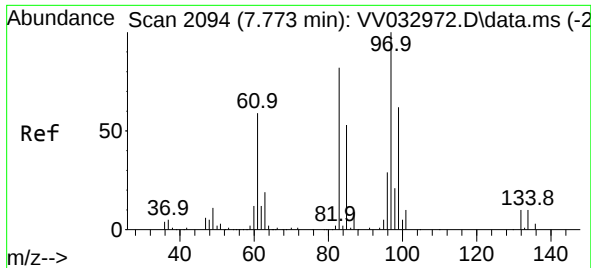
Tgt Ion: 91 Resp: 630272
Ion Ratio Lower Upper
91 100
92 59.1 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 10.531 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion: 75 Resp: 158069
Ion Ratio Lower Upper
75 100
77 32.2 22.9 42.5

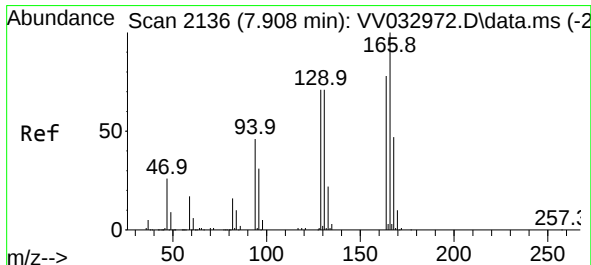
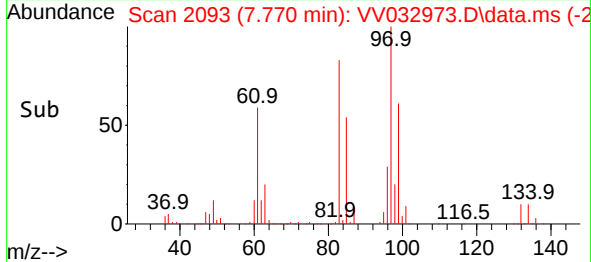
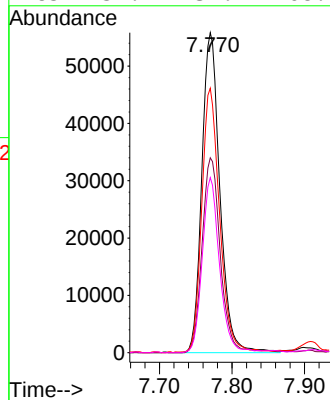
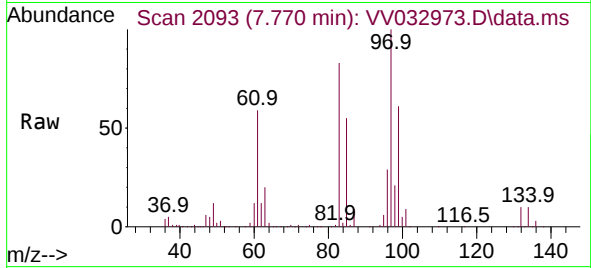




#45
1,1,2-Trichloroethane
Concen: 9.900 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

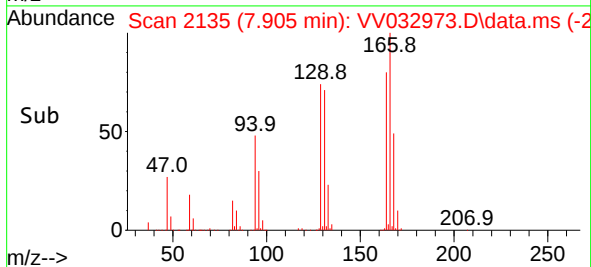
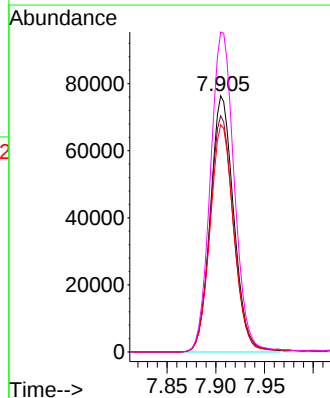
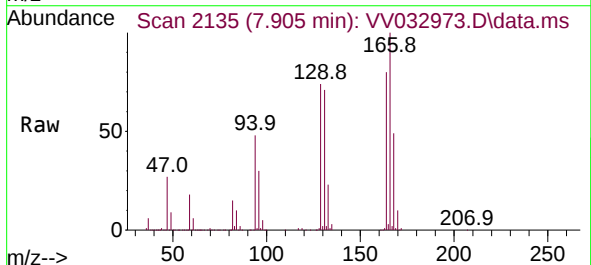
Instrument :
MSVOA_V
ClientSampleId :

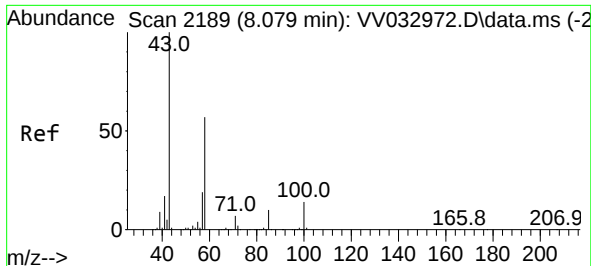
Tgt Ion:	97	Resp:	96976
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.0	80.0
83	82.6	57.3	106.5
85	54.7	37.1	68.9



#47
Tetrachloroethene
Concen: 10.055 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

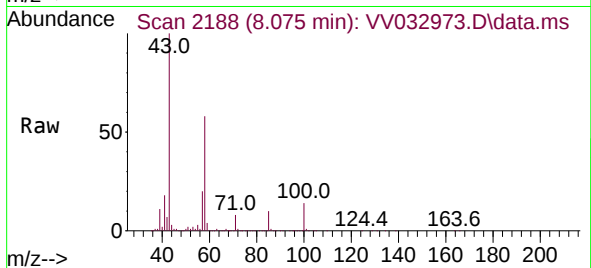
Tgt Ion:	164	Resp:	127543
Ion	Ratio	Lower	Upper
164	100		
129	92.2	64.2	119.2
131	88.7	63.5	117.9
166	124.9	89.8	166.8



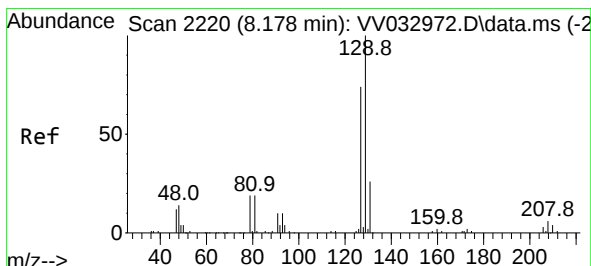
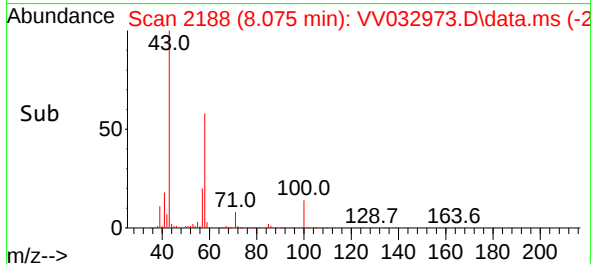
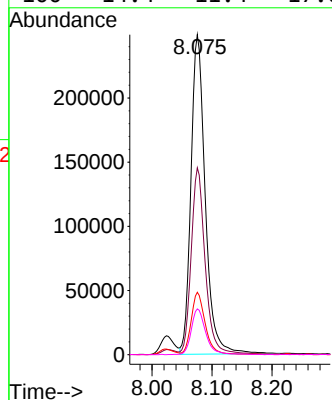


#48
2-Hexanone
Concen: 104.644 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :

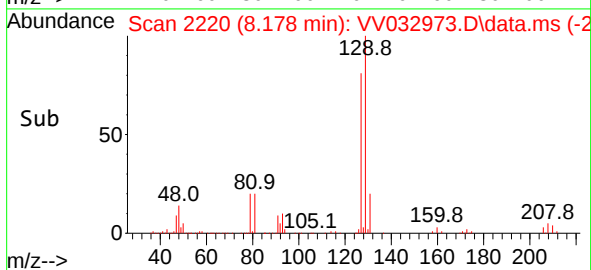
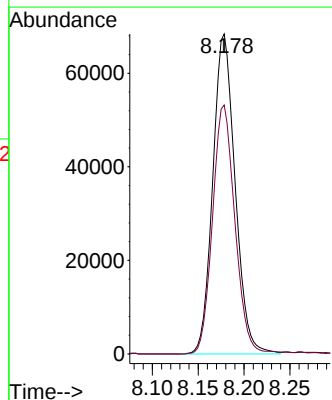
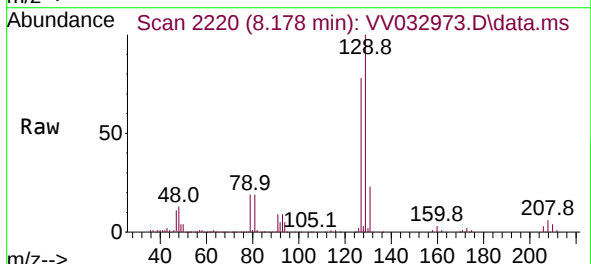


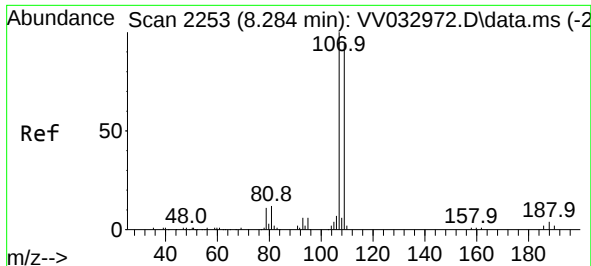
Tgt Ion: 43 Resp: 412635
Ion Ratio Lower Upper
43 100
58 56.9 44.9 67.3
57 18.9 15.1 22.7
100 14.4 11.4 17.0



#49
Dibromochloromethane
Concen: 9.881 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion: 129 Resp: 116059
Ion Ratio Lower Upper
129 100
127 77.8 51.6 95.8

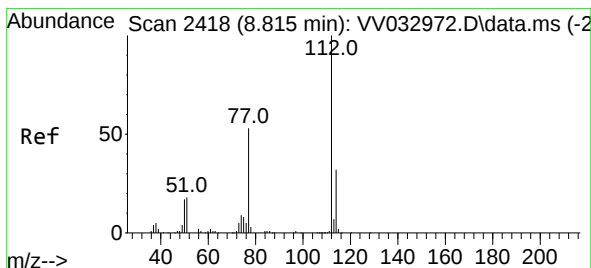
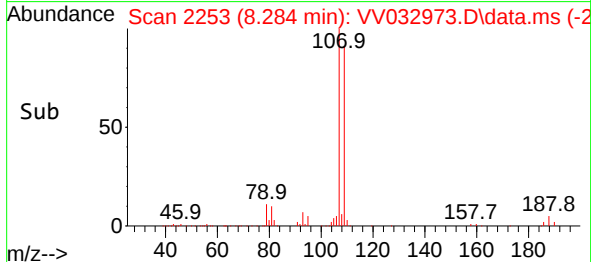
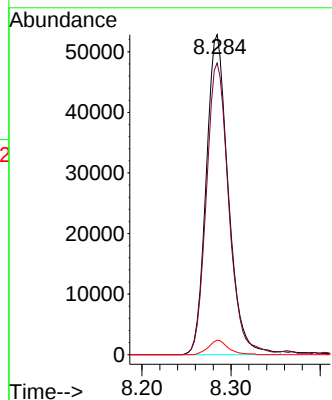
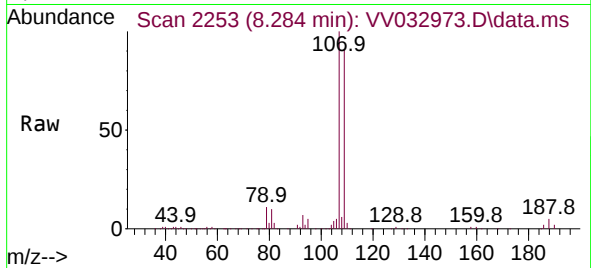




#50
1,2-Dibromoethane
Concen: 9.732 ug/L
RT: 8.284 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

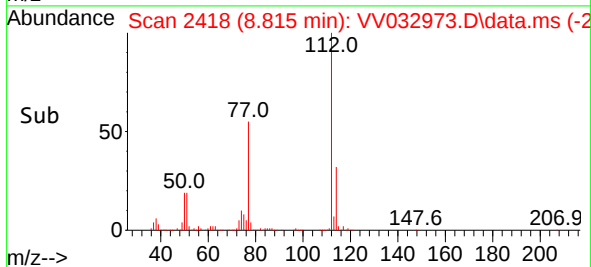
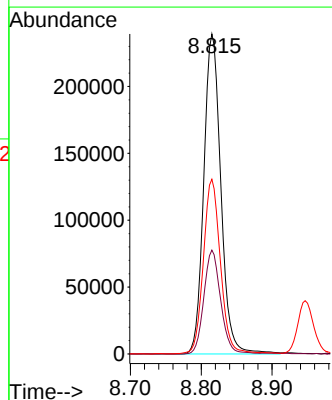
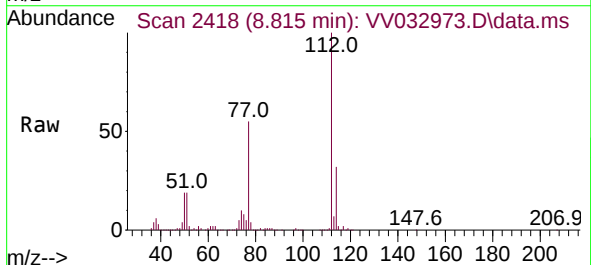
Instrument :
MSVOA_V
ClientSampleId :

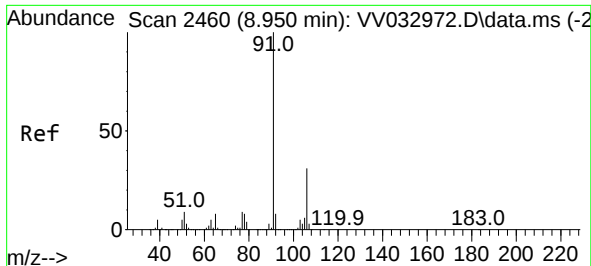
Tgt Ion:107 Resp: 91168
Ion Ratio Lower Upper
107 100
109 91.2 65.6 121.8
188 4.5 2.9 4.3#



#51
Chlorobenzene
Concen: 10.040 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion:112 Resp: 401347
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.5
77 54.6 42.6 64.0

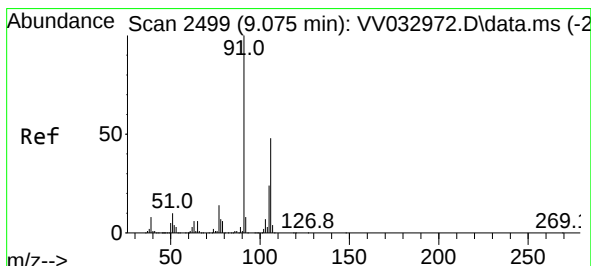
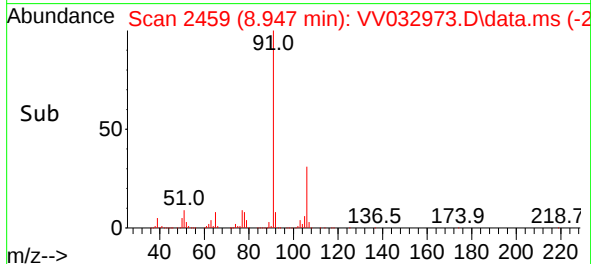
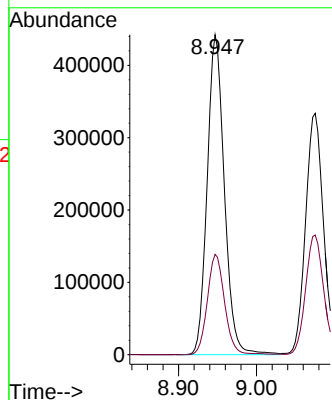
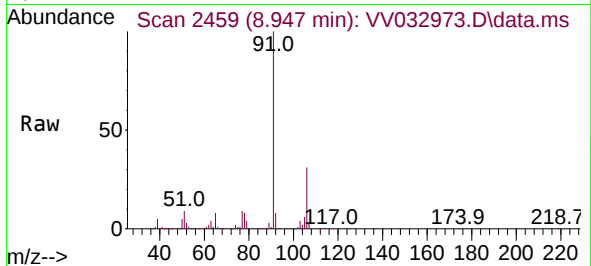




#52
Ethylbenzene
Concen: 10.956 ug/L
RT: 8.947 min Scan# 2460
Delta R.T. -0.003 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

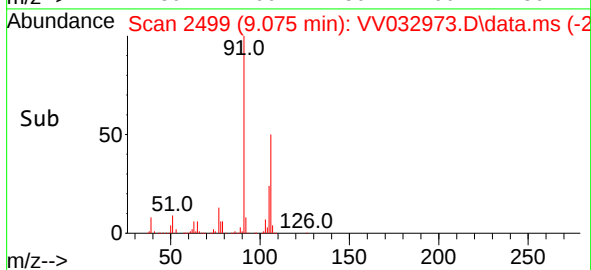
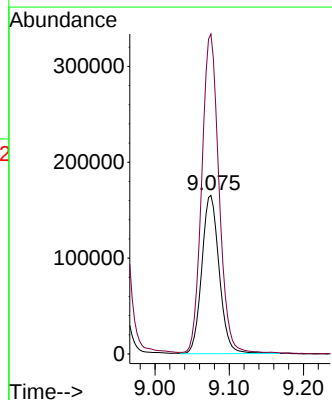
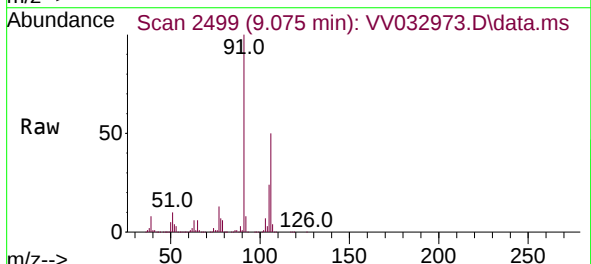
Instrument :
MSVOA_V
ClientSampleId :

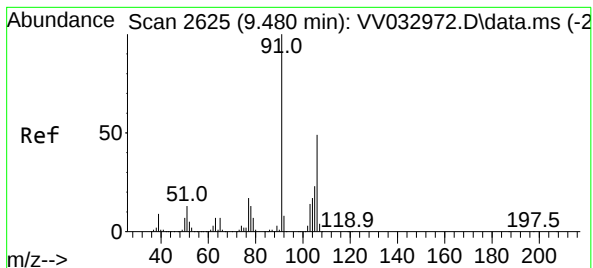
Tgt Ion: 91 Resp: 677862
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 11.245 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion: 106 Resp: 268959
Ion Ratio Lower Upper
106 100
91 201.7 145.5 270.3





#54

o-Xylene

Concen: 11.172 ug/L

RT: 9.480 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

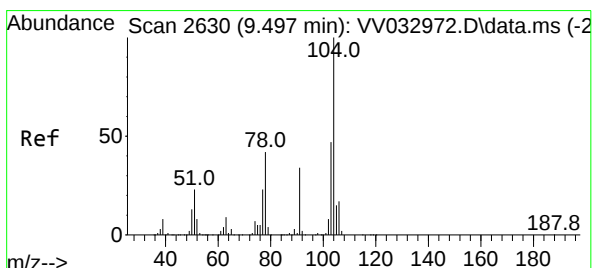
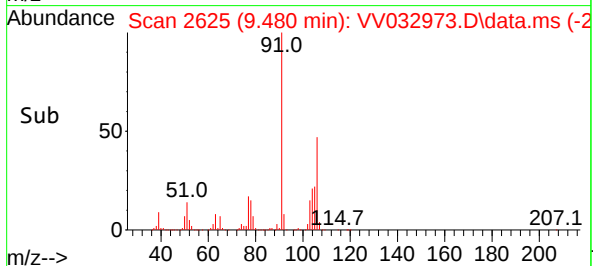
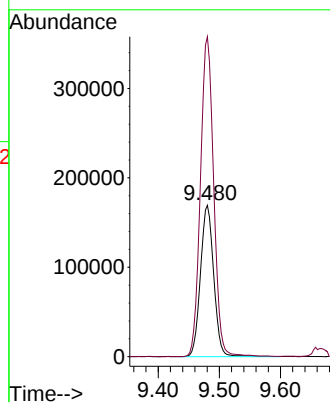
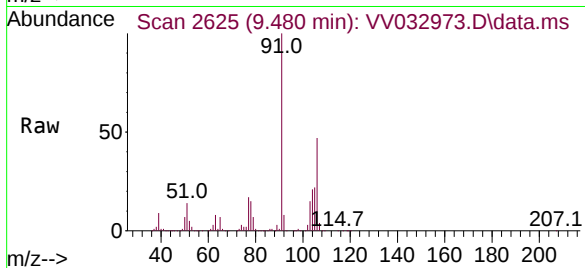
ClientSampleId :

Tgt Ion:106 Resp: 255332

Ion Ratio Lower Upper

106 100

91 211.3 142.4 264.4



#55

Styrene

Concen: 11.441 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV032973.D

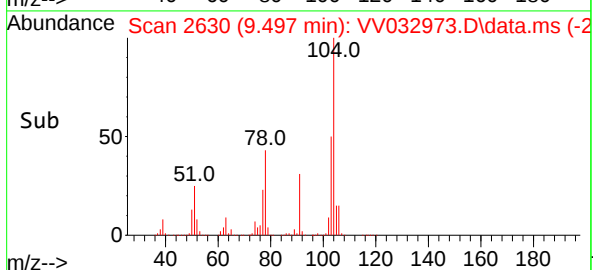
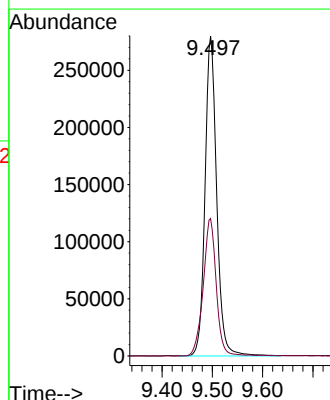
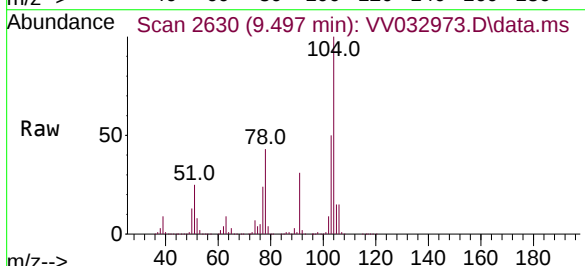
Acq: 16 Nov 2023 20:09

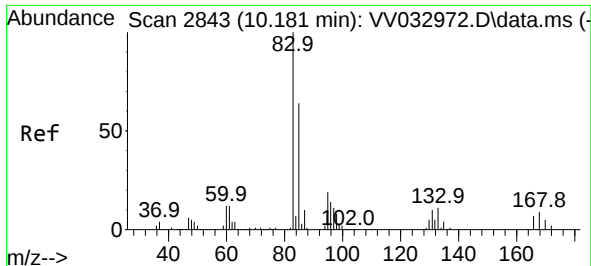
Tgt Ion:104 Resp: 449700

Ion Ratio Lower Upper

104 100

78 43.0 29.8 55.4





#57

1,1,2,2-Tetrachloroethane

Concen: 9.496 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

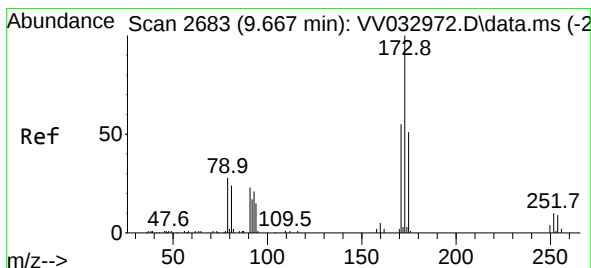
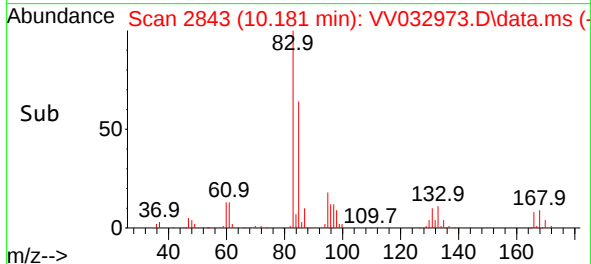
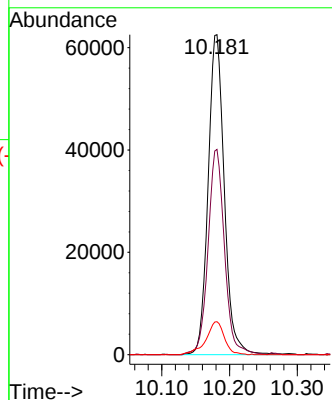
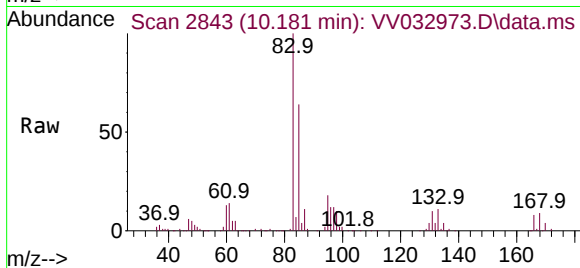
Tgt Ion: 83 Resp: 103744

Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

131 10.3 8.0 12.0



#59

Bromoform

Concen: 9.868 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

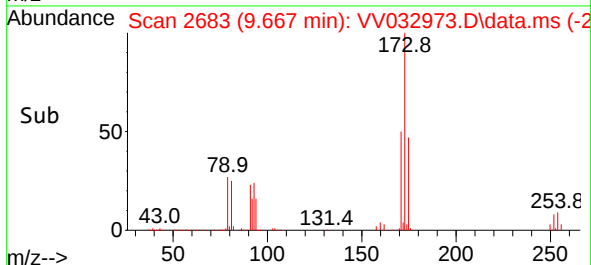
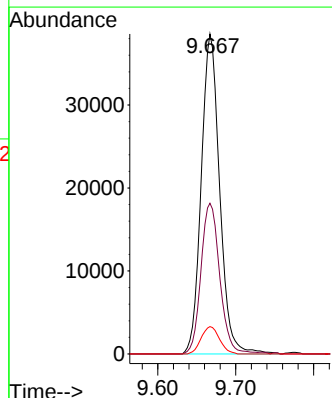
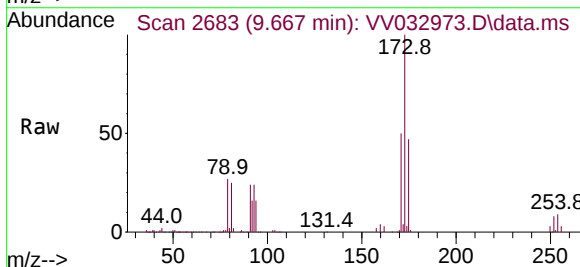
Tgt Ion: 173 Resp: 63246

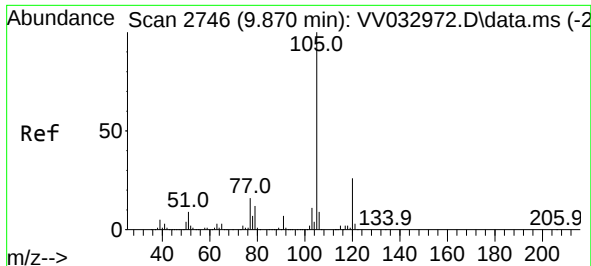
Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.4

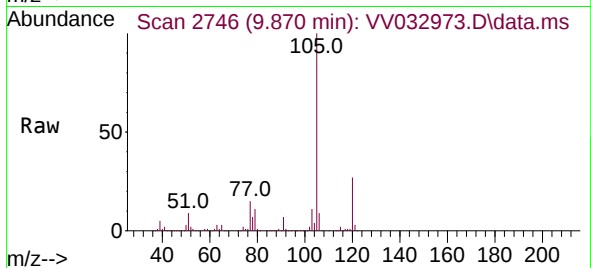
254 8.5 6.4 9.6



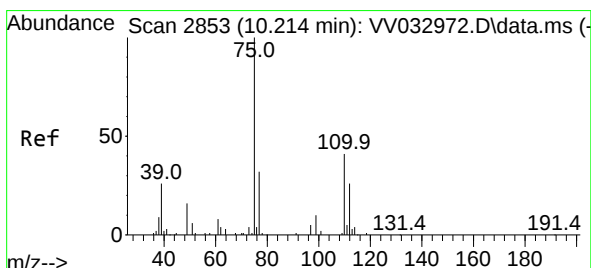
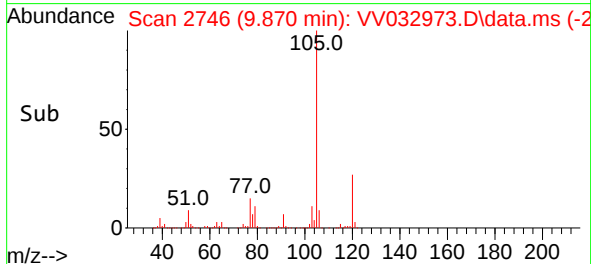
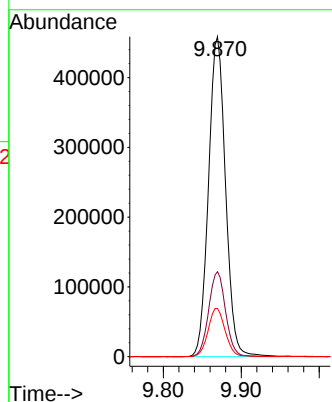


#60
Isopropylbenzene
Concen: 11.038 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :

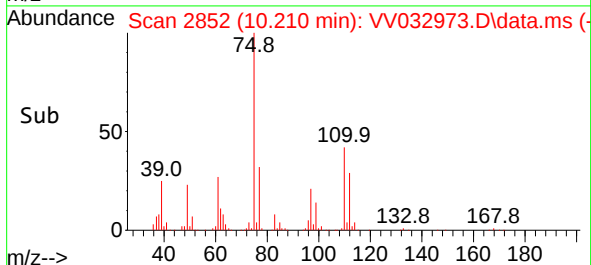
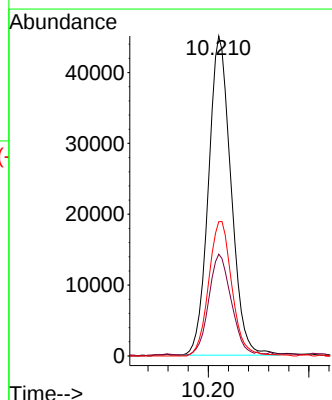
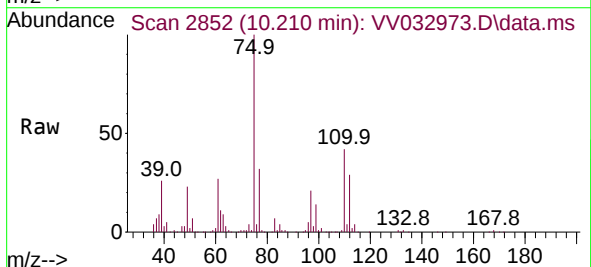


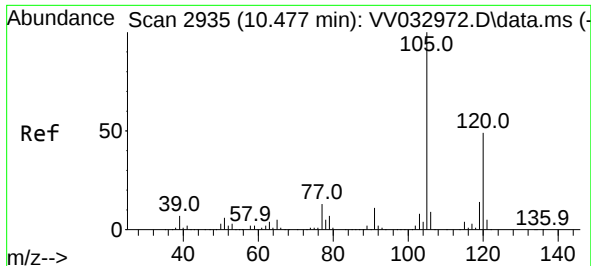
Tgt Ion:105 Resp: 694659
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 9.446 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion: 75 Resp: 70082
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
110 43.5 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 11.189 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

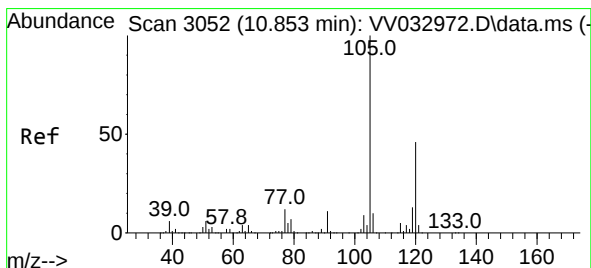
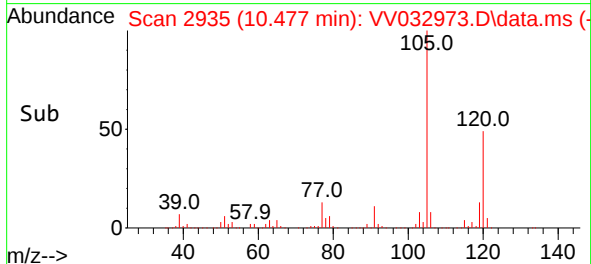
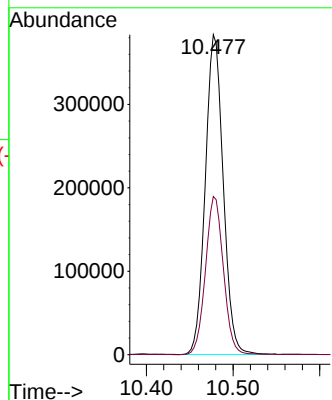
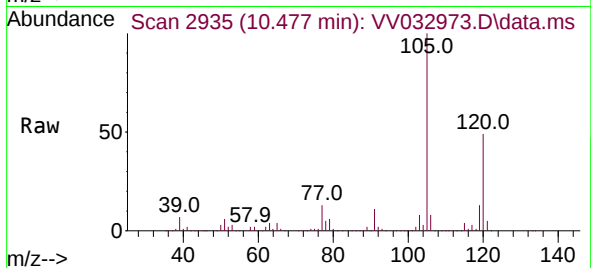
ClientSampleId :

Tgt Ion:105 Resp: 551839

Ion Ratio Lower Upper

105 100

120 49.4 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 11.275 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032973.D

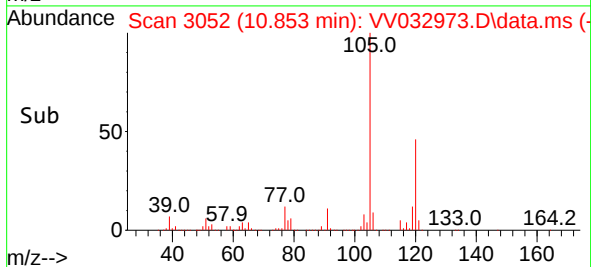
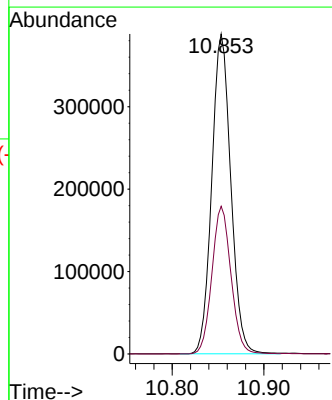
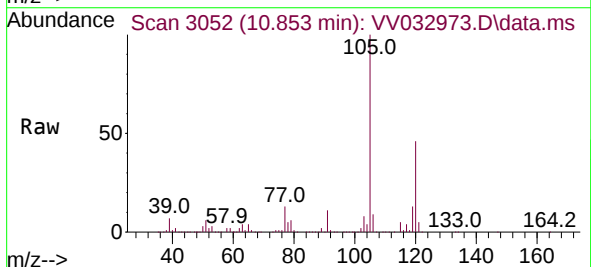
Acq: 16 Nov 2023 20:09

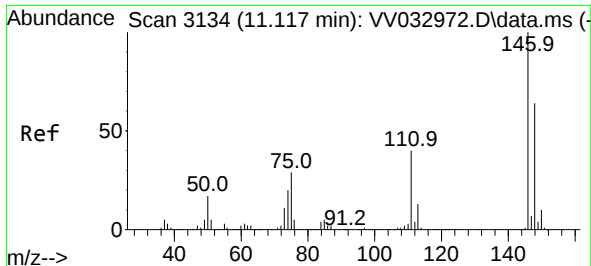
Tgt Ion:105 Resp: 560462

Ion Ratio Lower Upper

105 100

120 46.1 36.6 55.0

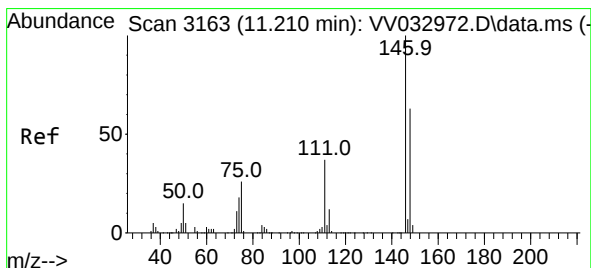
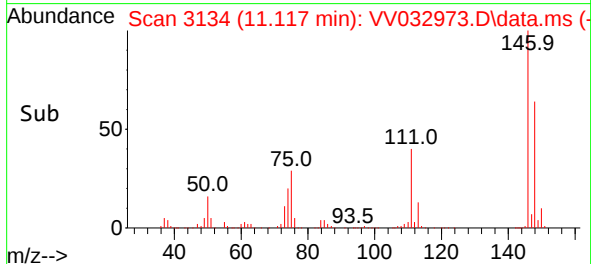
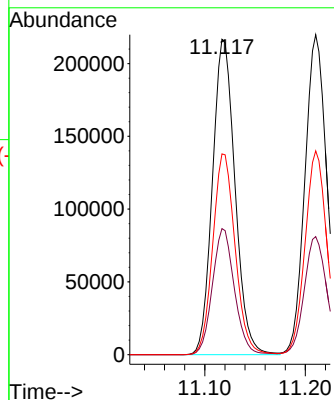
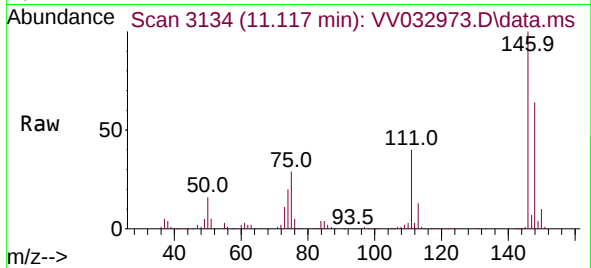




#64
1,3-Dichlorobenzene
Concen: 10.116 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

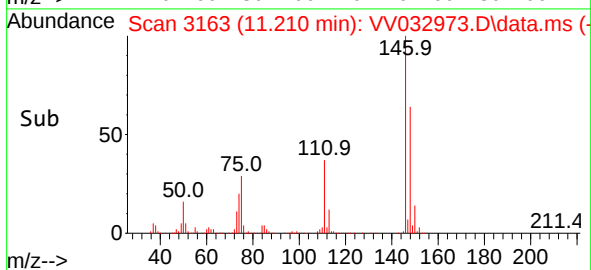
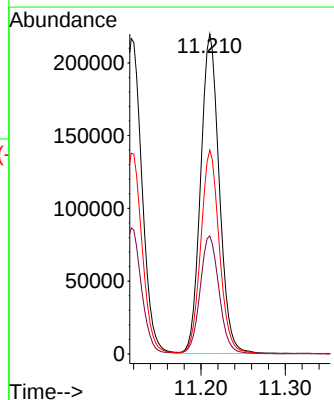
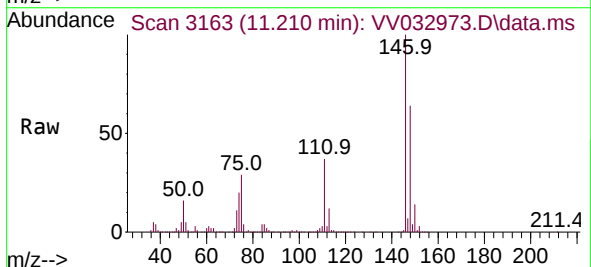
Instrument :
MSVOA_V
ClientSampleId :

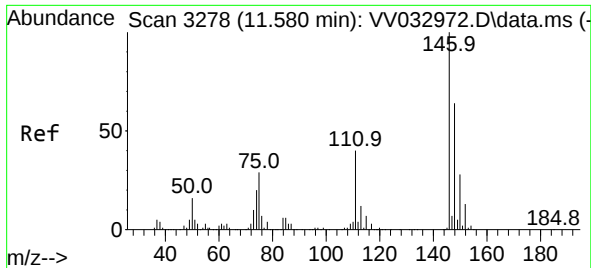
Tgt Ion:146 Resp: 338055
Ion Ratio Lower Upper
146 100
111 40.0 27.8 51.6
148 63.7 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 9.910 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032973.D
Acq: 16 Nov 2023 20:09

Tgt Ion:146 Resp: 338079
Ion Ratio Lower Upper
146 100
111 36.9 25.8 48.0
148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 10.062 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

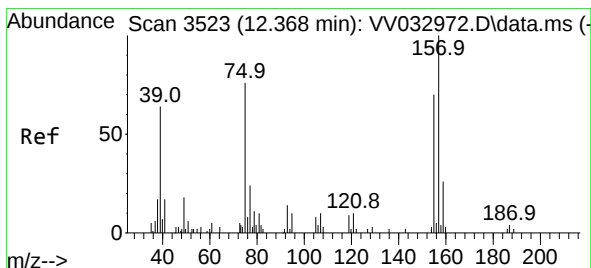
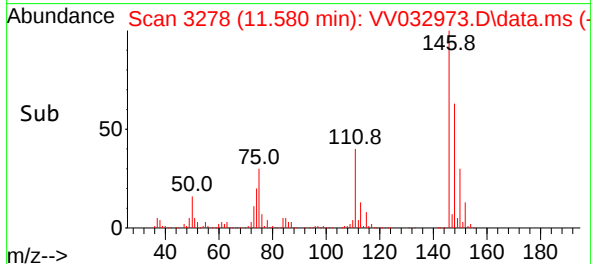
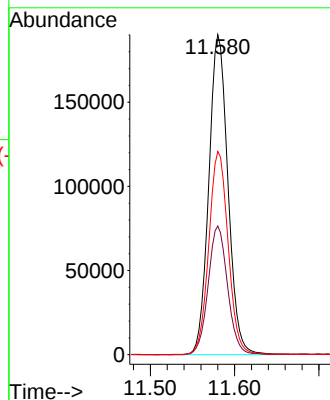
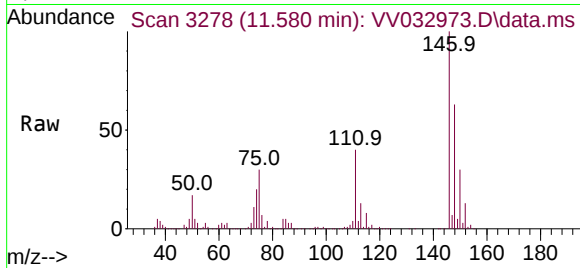
Tgt Ion:146 Resp: 300295

Ion Ratio Lower Upper

146 100

111 40.2 31.8 47.8

148 63.5 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 8.707 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

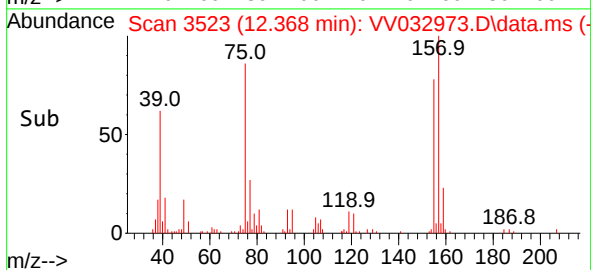
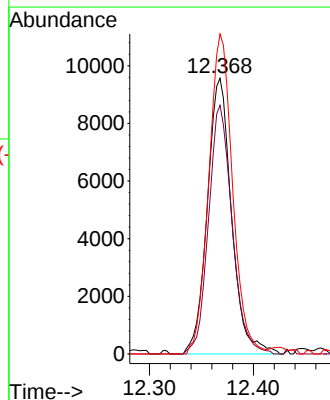
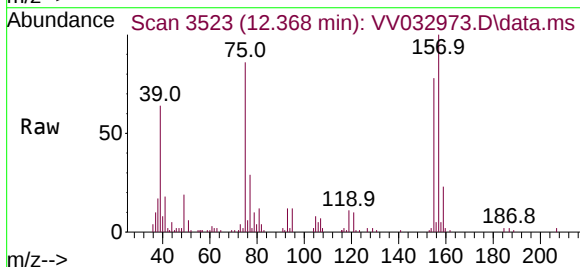
Tgt Ion: 75 Resp: 15483

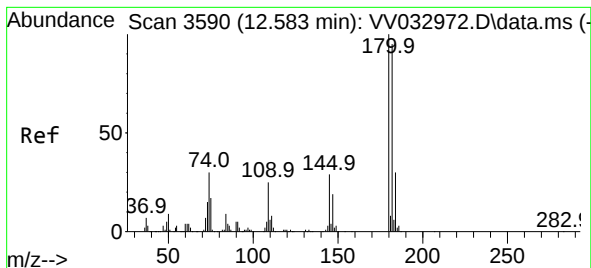
Ion Ratio Lower Upper

75 100

155 90.2 71.8 107.8

157 116.1 102.2 153.2





#69

1,3,5-Trichlorobenzene

Concen: 9.794 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

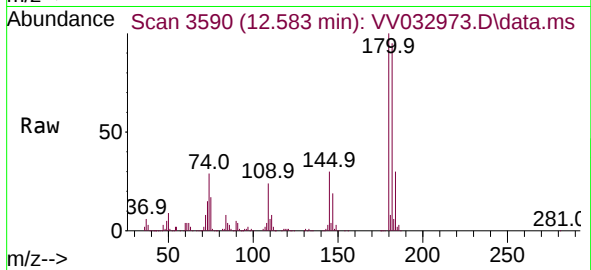
Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 242986

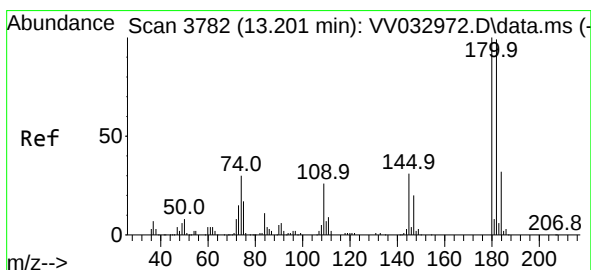
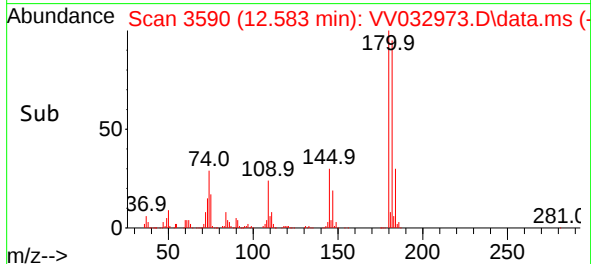
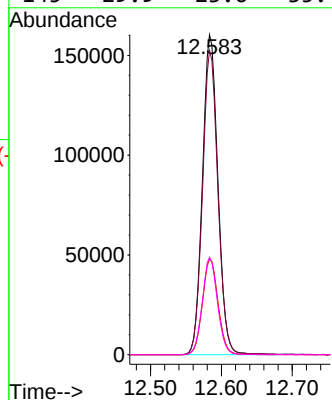
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

184 30.2 24.2 36.4

145 29.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 9.695 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

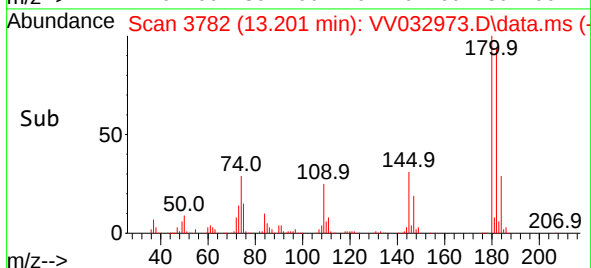
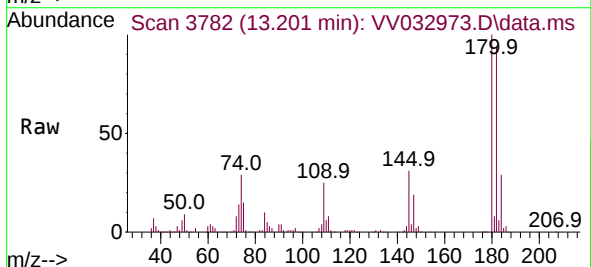
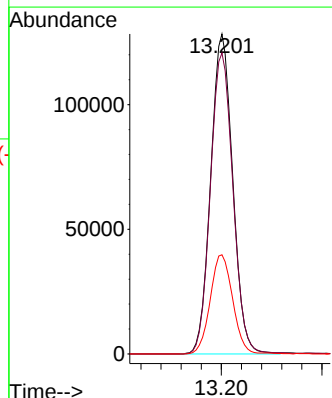
Tgt Ion:180 Resp: 195068

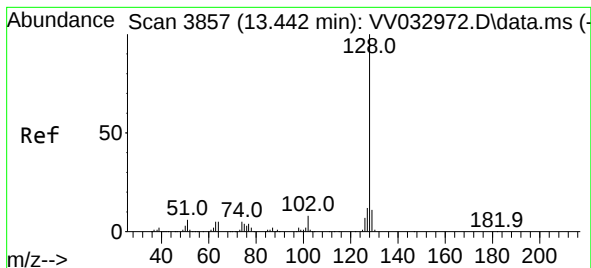
Ion Ratio Lower Upper

180 100

182 96.2 77.4 116.2

145 31.7 25.1 37.7





#71

Naphthalene

Concen: 10.297 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

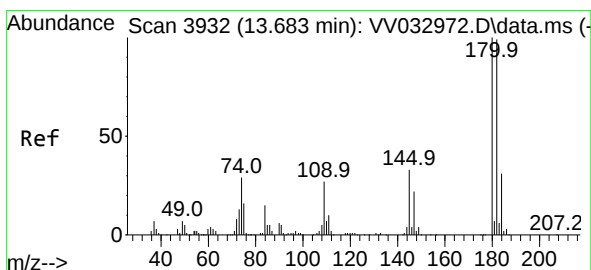
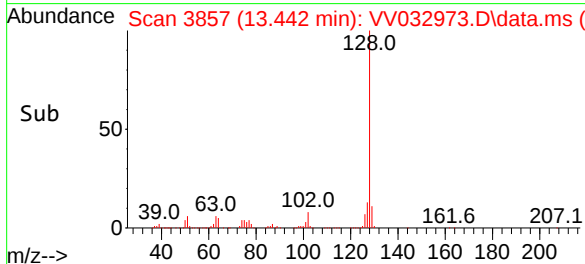
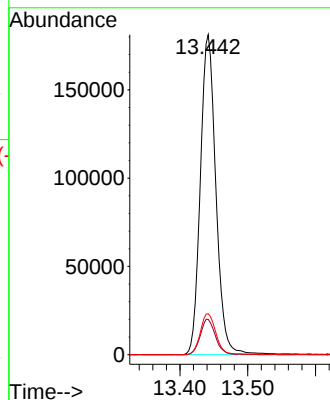
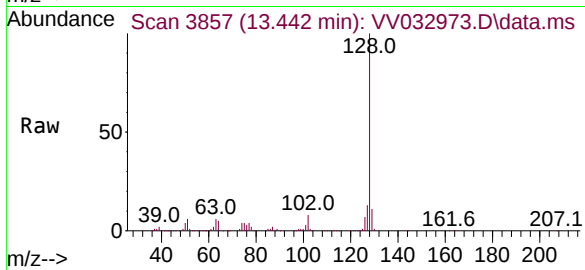
Tgt Ion:128 Resp: 288385

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.9 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 10.009 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032973.D

Acq: 16 Nov 2023 20:09

Tgt Ion:180 Resp: 175366

Ion Ratio Lower Upper

180 100

182 94.1 76.7 115.1

145 32.9 27.0 40.4

