

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072623\
 Data File : VW031773.D
 Acq On : 26 Jul 2023 16:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 05:22:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 27 05:18:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	328886	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	356829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	216605	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	141032	42.064	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.120%		
7) Chloroethane-d5	1.529	69	135053	43.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.900%		
11) 1,1-Dichloroethene-d2	2.060	65	64777	41.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.480%		
21) 2-Butanone-d5	3.789	46	212316	91.516	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.520%		
24) Chloroform-d	4.256	84	320357	46.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.940%		
26) 1,2-Dichloroethane-d4	4.947	65	199678	46.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.120%		
32) Benzene-d6	4.966	84	512243	45.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.660%		
36) 1,2-Dichloropropane-d6	5.995	67	193082	45.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.980%		
41) Toluene-d8	7.249	98	453953	47.931	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.860%		
43) trans-1,3-Dichloroprop...	7.558	79	85556	46.896	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.800%		
47) 2-Hexanone-d5	8.030	63	165610	104.049	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.050%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	290000	49.589	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.180%		
66) 1,2-Dichlorobenzene-d4	11.567	152	193448	44.110	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	196662	48.384	ug/L	100
3) Chloromethane	1.217	50	194490	50.310	ug/L	99
5) Vinyl chloride	1.282	62	201619	51.487	ug/L	99
6) Bromomethane	1.481	94	136816	50.690	ug/L	99
8) Chloroethane	1.545	64	129844	49.680	ug/L	99
9) Trichlorofluoromethane	1.712	101	330353	50.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	187013	49.042	ug/L	96
12) 1,1-Dichloroethene	2.069	96	154983	48.901	ug/L	92
13) Acetone	2.114	43	236639	106.563	ug/L	97
14) Carbon disulfide	2.240	76	361249	46.369	ug/L	98
15) Methyl Acetate	2.375	43	196749	50.879	ug/L	96
16) Methylene chloride	2.449	84	184211	51.735	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	133554	47.371	ug/L	95
18) Methyl tert-butyl Ether	2.709	73	458965	49.485	ug/L	98
19) 1,1-Dichloroethane	3.114	63	314898	48.250	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	158593	49.811	ug/L	98
22) 2-Butanone	3.870	43	276019	109.281	ug/L	98
23) Bromochloromethane	4.153	128	87396	49.574	ug/L	94
25) Chloroform	4.281	83	343751	49.724	ug/L	99

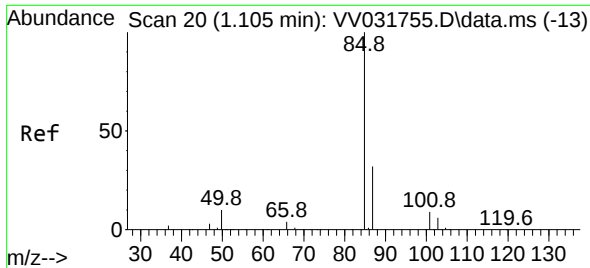
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072623\
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 Quant Title : VOC Analysis
 QLast Update : Thu Jul 27 05:18:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	260416	50.650	ug/L	99
29) Cyclohexane	4.590	56	203496	46.316	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	293454	47.875	ug/L	97
31) Carbon tetrachloride	4.741	117	246870	46.127	ug/L	100
33) Benzene	5.015	78	631844	50.343	ug/L	100
34) Trichloroethene	5.838	95	180589	45.597	ug/L	97
35) Methylcyclohexane	6.056	83	205084	46.553	ug/L	97
37) 1,2-Dichloropropane	6.098	63	186779	50.097	ug/L	99
38) Bromodichloromethane	6.439	83	259152	48.727	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	242544	45.824	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	529423	111.493	ug/L	96
42) Toluene	7.320	91	680042	52.757	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	263936	49.968	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	188116	50.003	ug/L	97
46) Tetrachloroethene	7.911	164	122108	48.795	ug/L	98
48) 2-Hexanone	8.079	43	441358	116.527	ug/L	97
49) Dibromochloromethane	8.182	129	197628	49.781	ug/L	95
50) 1,2-Dibromoethane	8.288	107	198962	50.200	ug/L	98
51) Chlorobenzene	8.818	112	416057	48.307	ug/L	100
52) Ethylbenzene	8.953	91	701124	50.192	ug/L	99
53) m,p-Xylene	9.079	106	258063	51.229	ug/L	92
54) o-Xylene	9.484	106	248023	51.372	ug/L	94
55) Styrene	9.503	104	481976	54.650	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	273664	52.459	ug/L	94
59) Bromoform	9.670	173	145282	48.919	ug/L #	95
60) Isopropylbenzene	9.873	105	686268	50.766	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	248251	48.862	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	536144	49.018	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	548492	49.536	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	346863	49.086	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	365506	48.657	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	355483	48.858	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	70110	49.614	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	257560	49.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	214683	46.560	ug/L	100
71) Naphthalene	13.445	128	662729	49.862	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	241090	50.020	ug/L	99

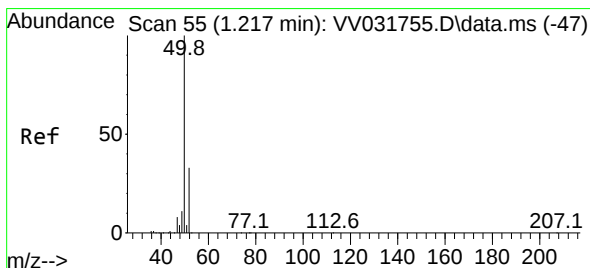
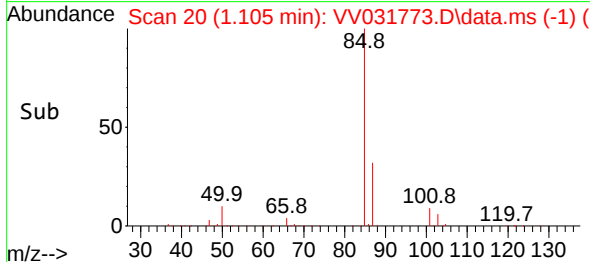
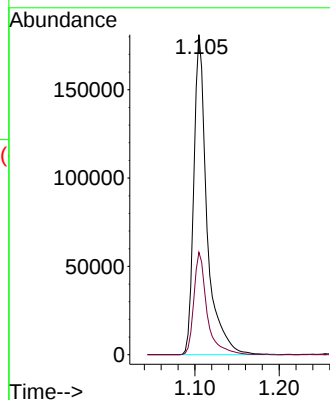
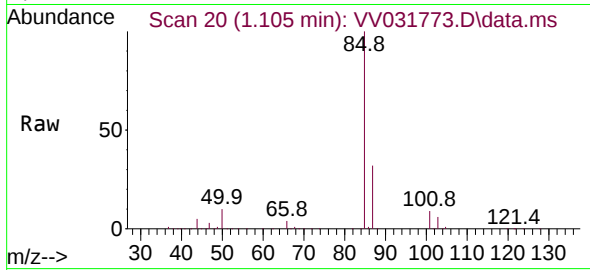
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#2
 Dichlorodifluoromethane
 Concen: 48.384 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV031773.D
 Acq: 26 Jul 2023 16:47

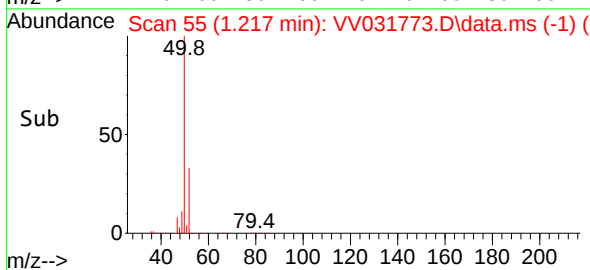
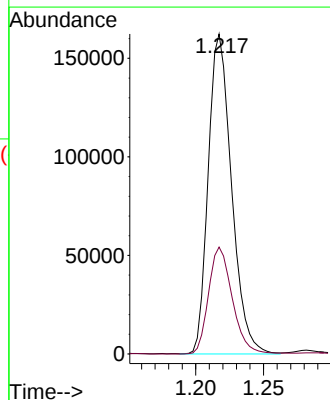
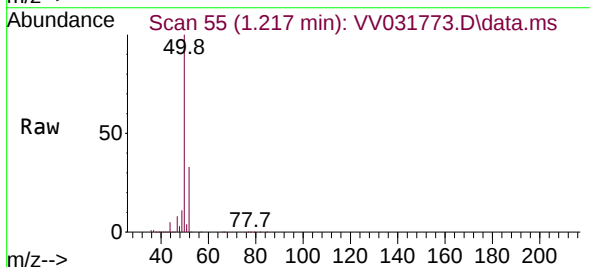
Instrument :
 MSVOA_V
 ClientSampleId :

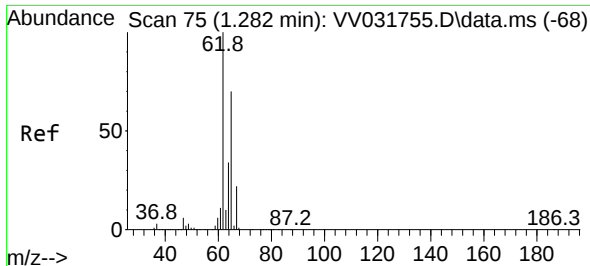
Tgt Ion: 85 Resp: 196662
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 50.310 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031773.D
 Acq: 26 Jul 2023 16:47

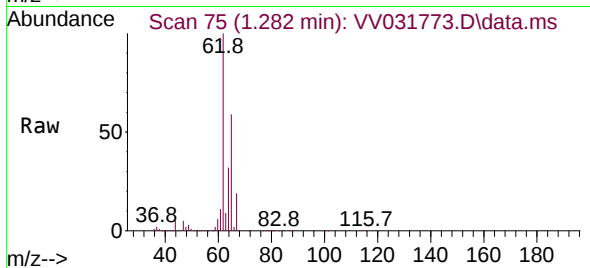
Tgt Ion: 50 Resp: 194490
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 44.1



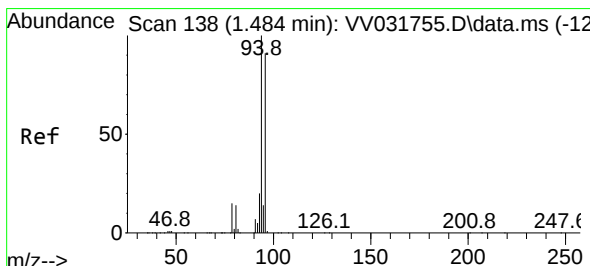
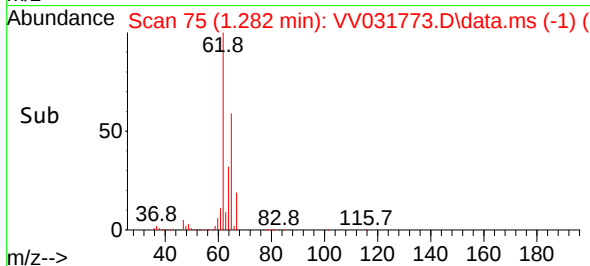
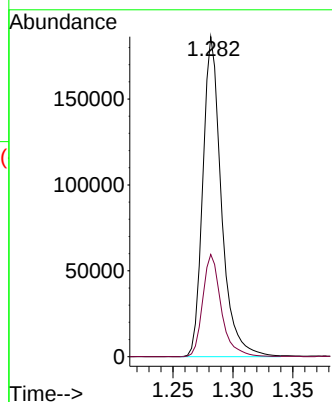


#5
 Vinyl chloride
 Concen: 51.487 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031773.D
 Acq: 26 Jul 2023 16:47

Instrument :
 MSVOA_V
 ClientSampleId :

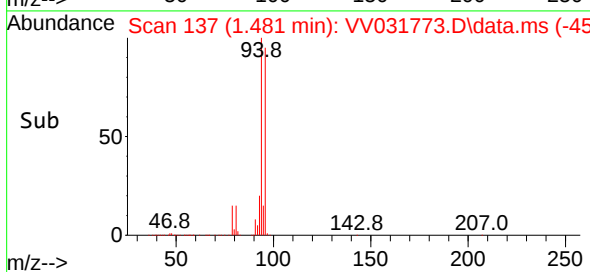
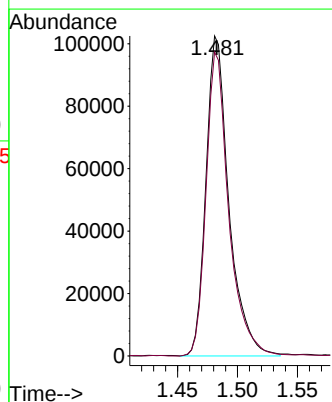
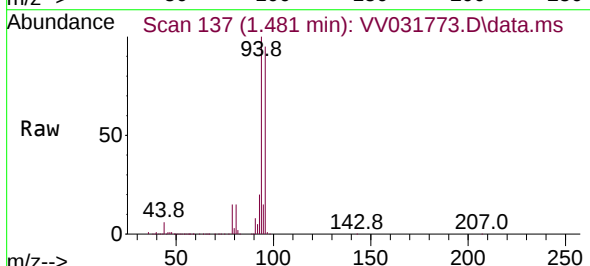


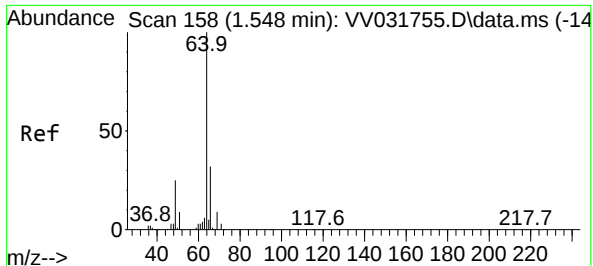
Tgt Ion: 62 Resp: 201619
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.9 42.5



#6
 Bromomethane
 Concen: 50.690 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV031773.D
 Acq: 26 Jul 2023 16:47

Tgt Ion: 94 Resp: 136816
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.7 121.9

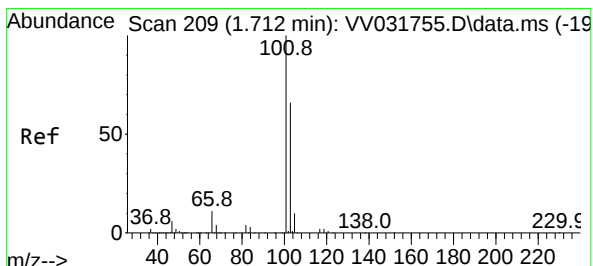
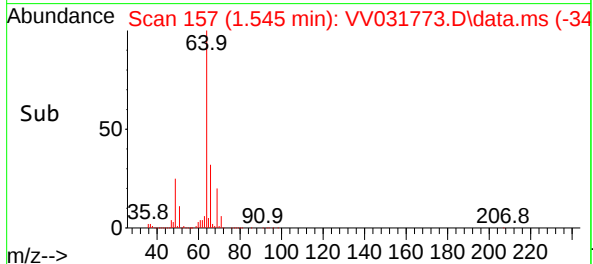
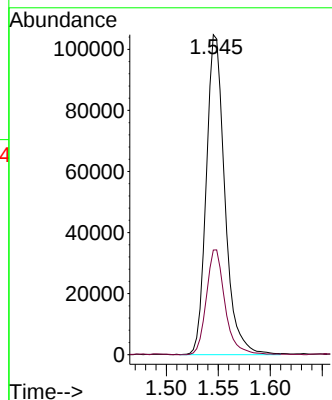
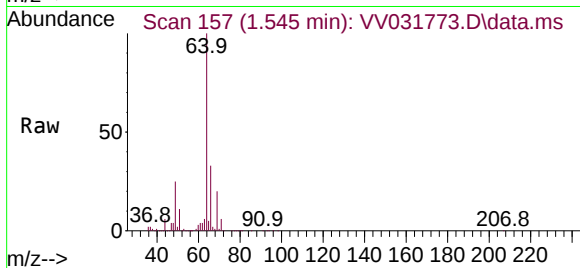




#8
Chloroethane
Concen: 49.680 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

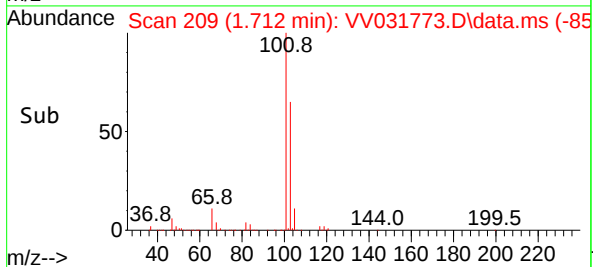
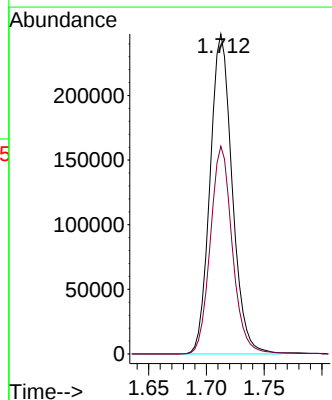
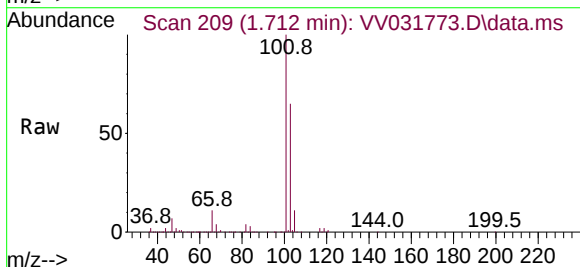
Instrument :
MSVOA_V
ClientSampleId :

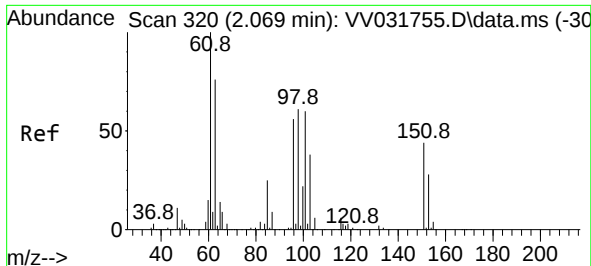
Tgt Ion: 64 Resp: 129844
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.043 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion:101 Resp: 330353
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

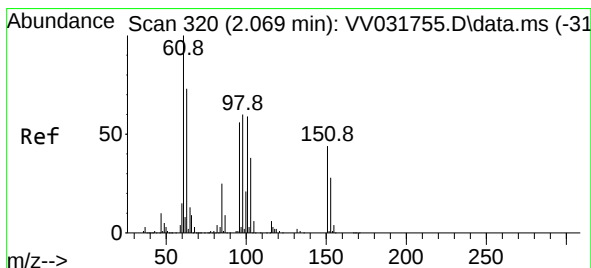
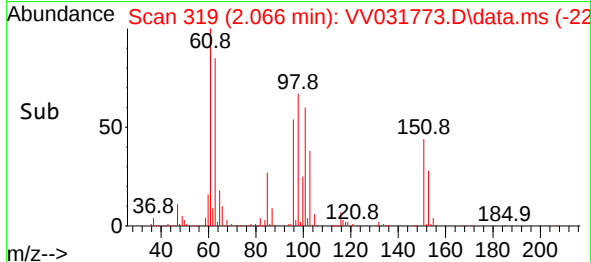
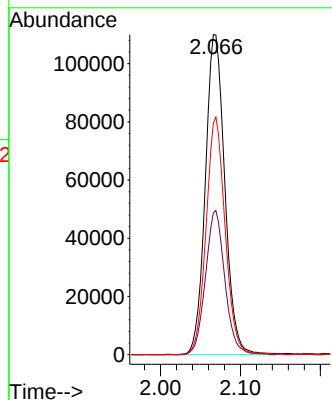
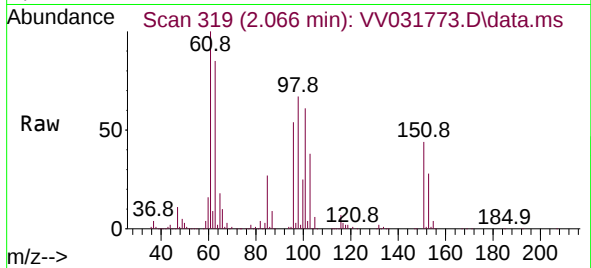




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.042 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031773.D
 Acq: 26 Jul 2023 16:47

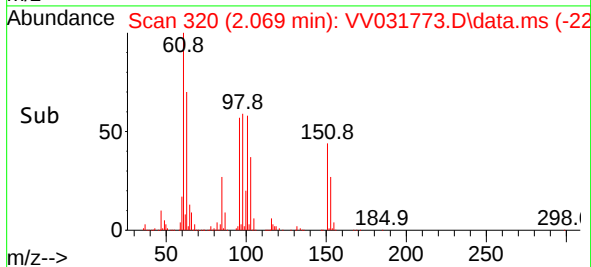
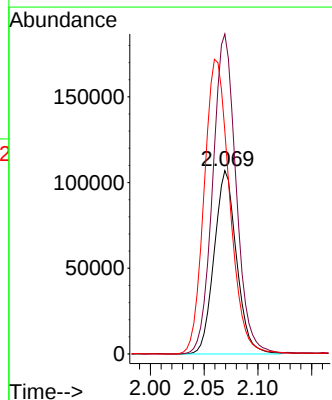
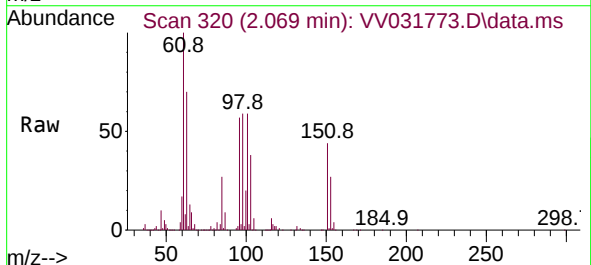
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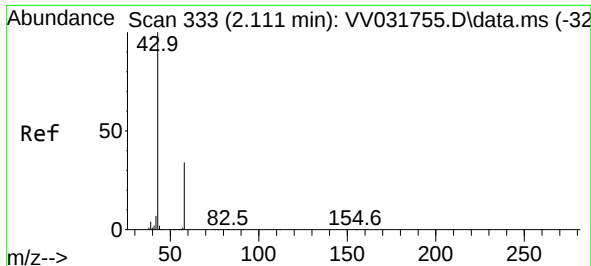
Tgt Ion:101 Resp: 187013
 Ion Ratio Lower Upper
 101 100
 85 44.8 33.9 50.9
 151 72.3 61.0 91.6



#12
 1,1-Dichloroethene
 Concen: 48.901 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV031773.D
 Acq: 26 Jul 2023 16:47

Tgt Ion: 96 Resp: 154983
 Ion Ratio Lower Upper
 96 100
 61 174.6 118.3 219.7
 63 121.5 96.8 179.8





#13

Acetone

Concen: 106.563 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

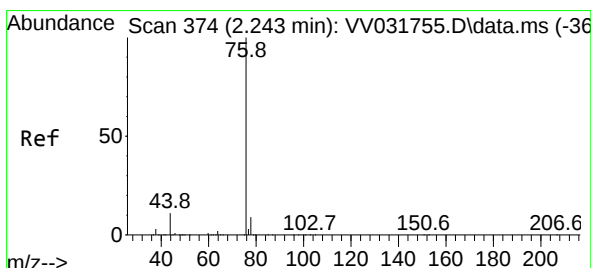
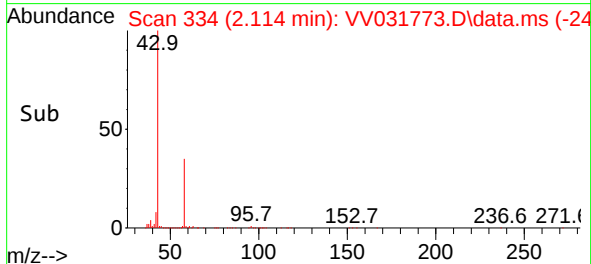
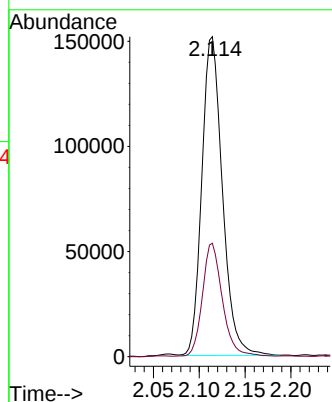
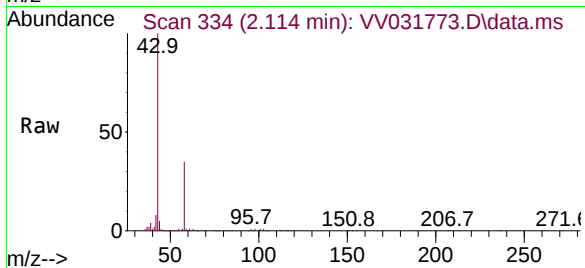
ClientSampleId :

Tgt Ion: 43 Resp: 236639

Ion Ratio Lower Upper

43 100

58 34.1 0.0 72.0



#14

Carbon disulfide

Concen: 46.369 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV031773.D

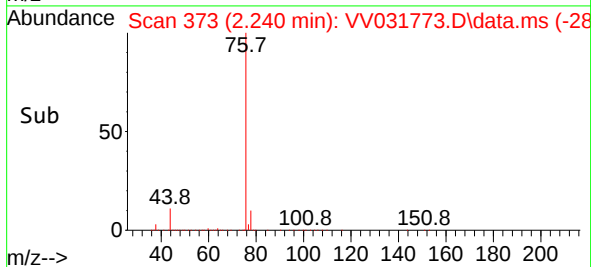
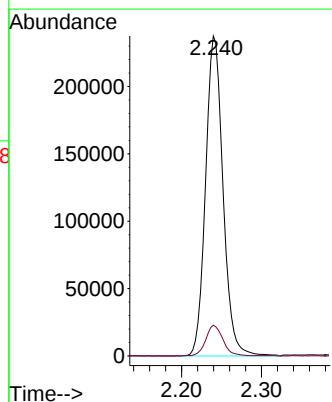
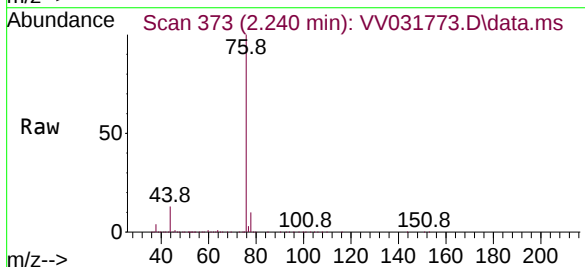
Acq: 26 Jul 2023 16:47

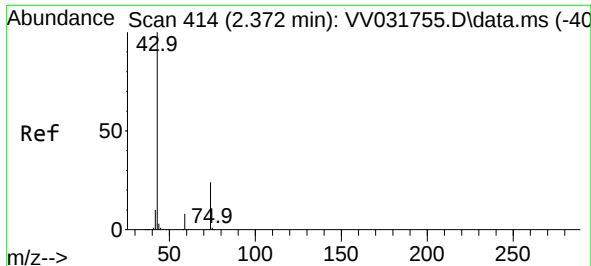
Tgt Ion: 76 Resp: 361249

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0

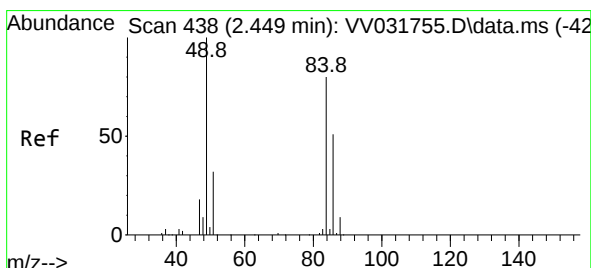
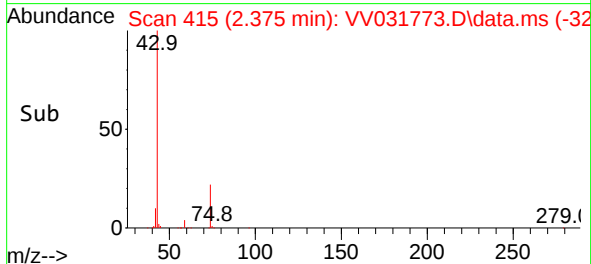
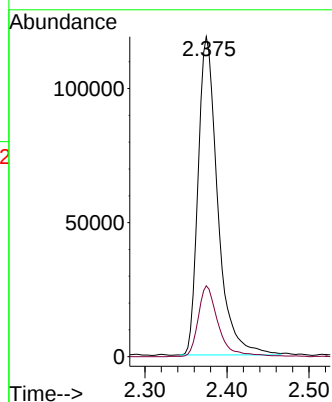
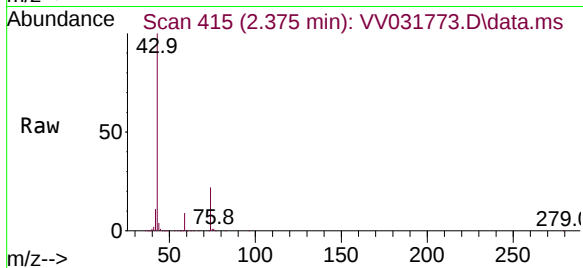




#15
Methyl Acetate
Concen: 50.879 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

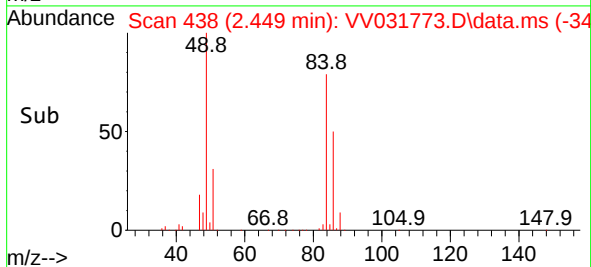
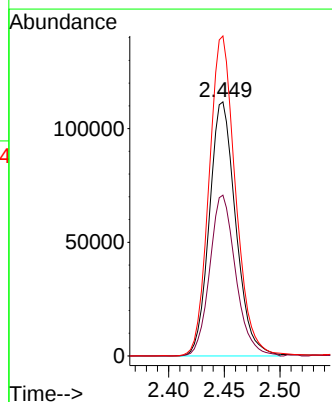
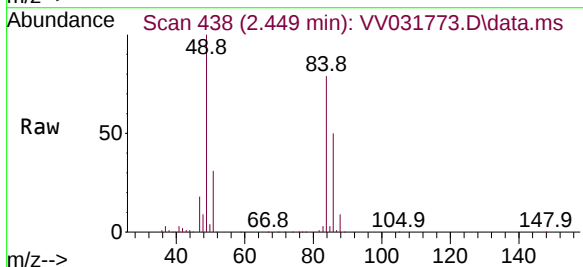
Instrument :
MSVOA_V
ClientSampleId :

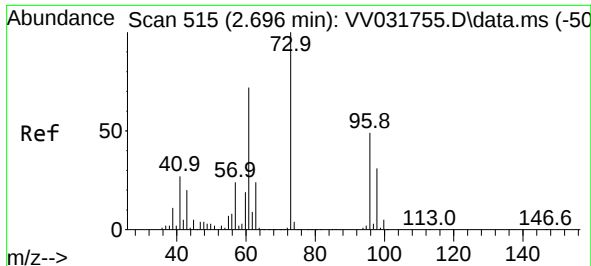
Tgt Ion: 43 Resp: 196749
Ion Ratio Lower Upper
43 100
74 22.5 19.5 29.3



#16
Methylene chloride
Concen: 51.735 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion: 84 Resp: 184211
Ion Ratio Lower Upper
84 100
86 63.3 44.5 82.7
49 126.0 85.3 158.5





#17

trans-1,2-Dichloroethene

Concen: 47.371 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

ClientSampleId :

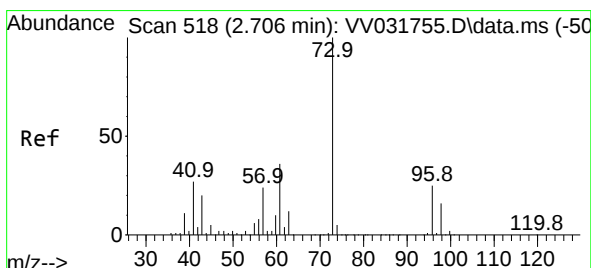
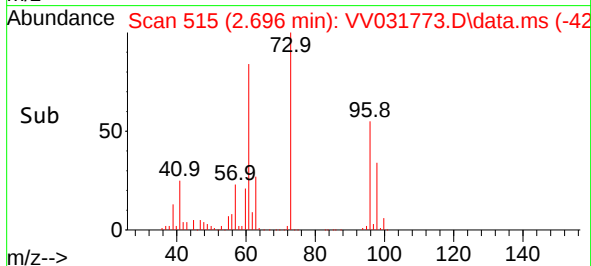
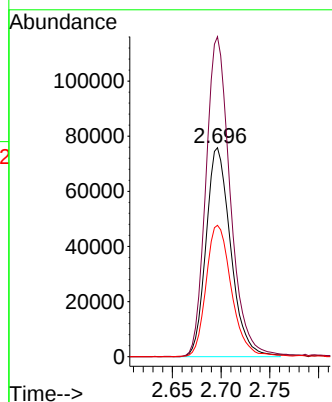
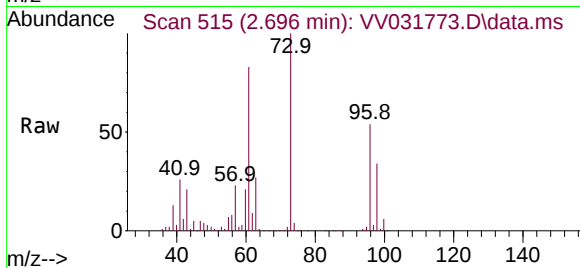
Tgt Ion: 96 Resp: 133554

Ion Ratio Lower Upper

96 100

61 153.2 101.6 188.6

98 62.9 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 49.485 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

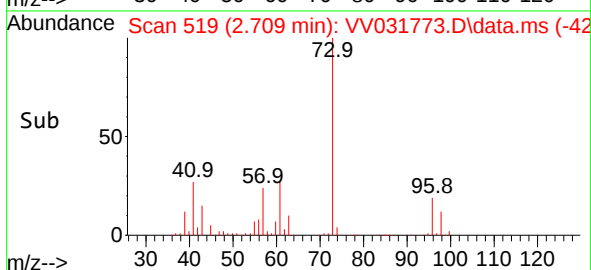
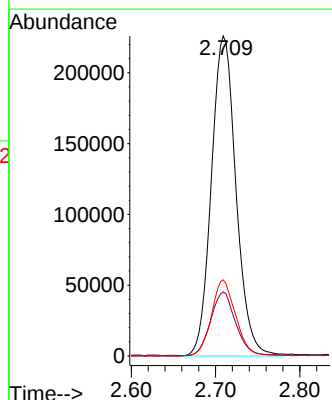
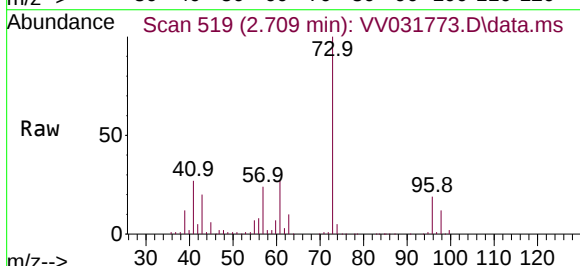
Tgt Ion: 73 Resp: 458965

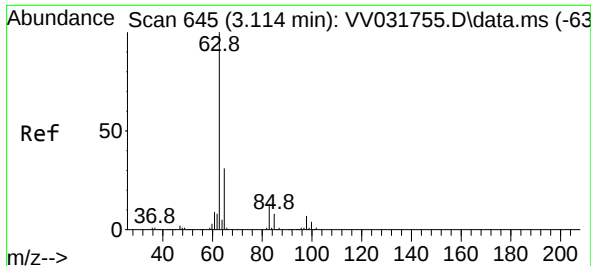
Ion Ratio Lower Upper

73 100

43 19.9 15.0 22.4

57 23.4 18.3 27.5

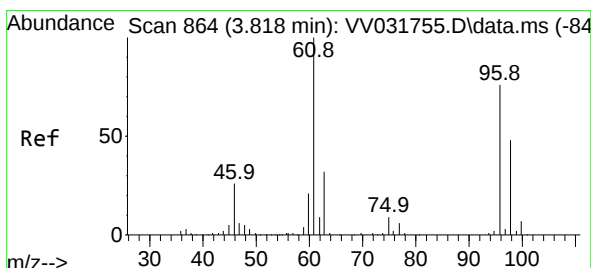
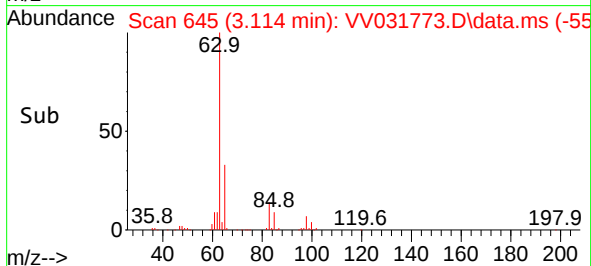
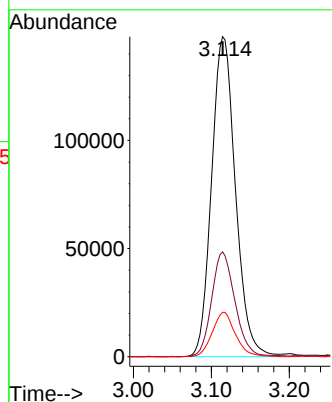
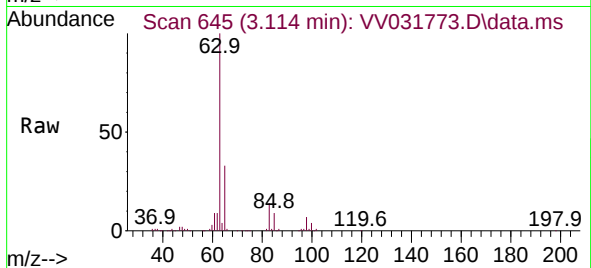




#19
1,1-Dichloroethane
Concen: 48.250 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

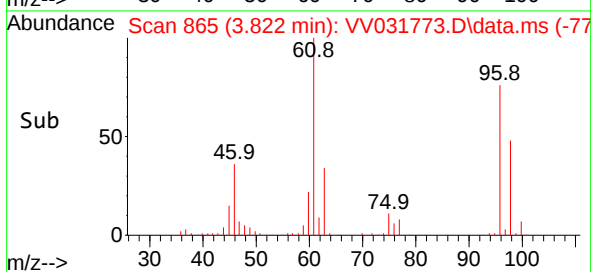
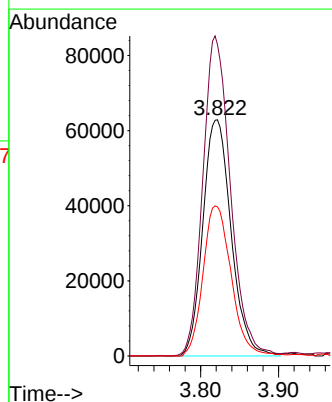
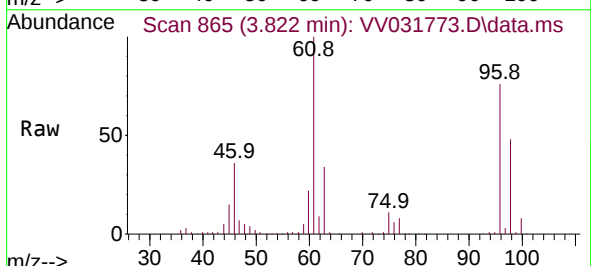
Instrument :
MSVOA_V
ClientSampleId :

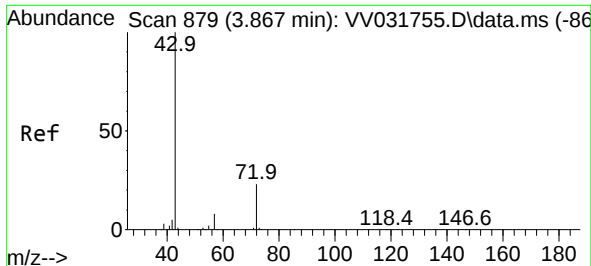
Tgt Ion: 63 Resp: 314898
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.5
83 13.9 10.6 19.6



#20
cis-1,2-Dichloroethene
Concen: 49.811 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion: 96 Resp: 158593
Ion Ratio Lower Upper
96 100
61 131.9 90.6 168.2
98 63.2 43.8 81.3

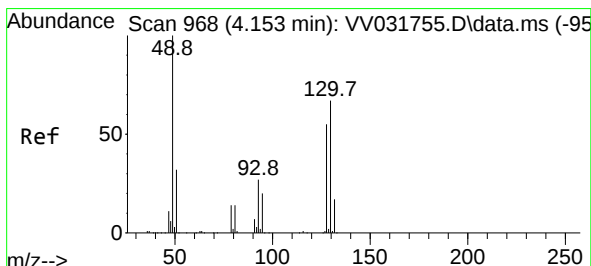
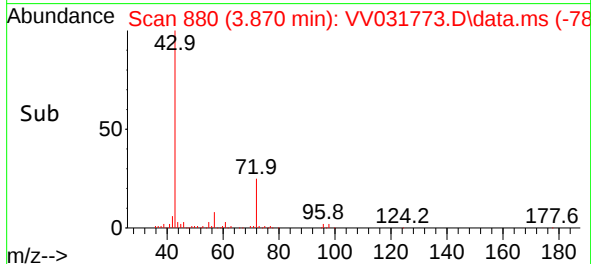
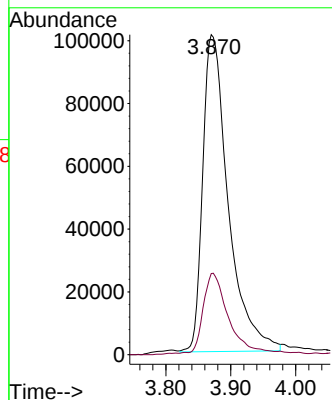
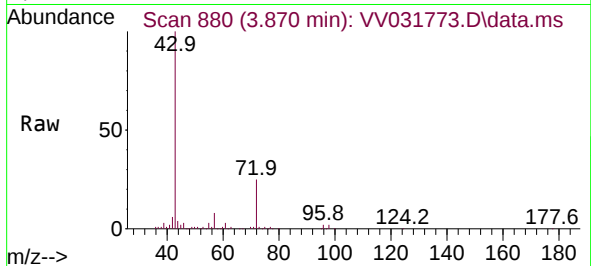




#22
2-Butanone
Concen: 109.281 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

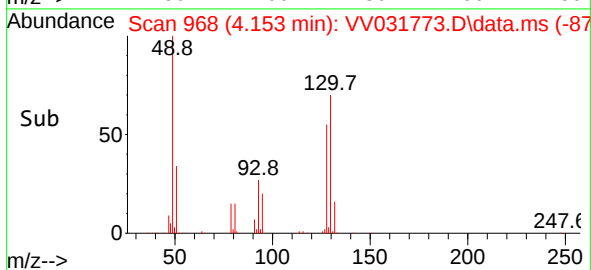
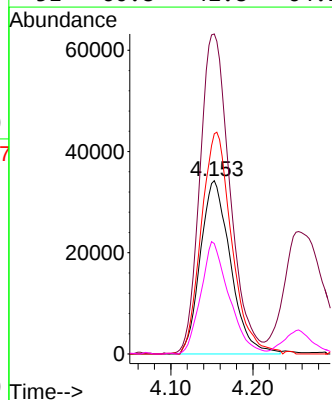
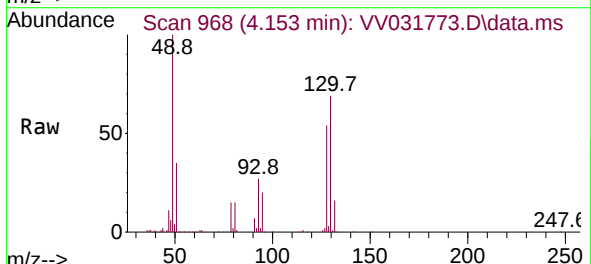
Instrument :
MSVOA_V
ClientSampleId :

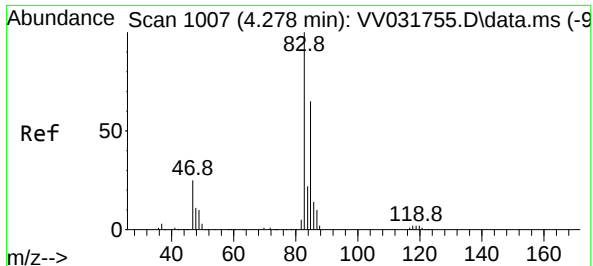
Tgt Ion: 43 Resp: 276019
Ion Ratio Lower Upper
43 100
72 24.1 12.7 38.0



#23
Bromochloromethane
Concen: 49.574 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion:128 Resp: 87396
Ion Ratio Lower Upper
128 100
49 176.2 117.9 218.9
130 121.2 89.1 165.5
51 60.8 42.8 64.2

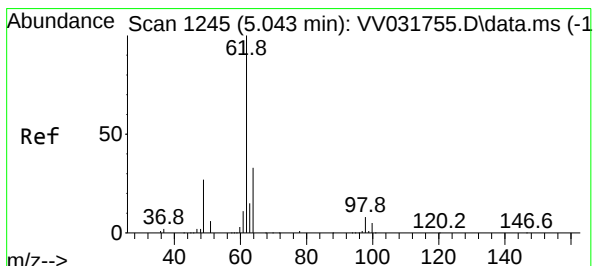
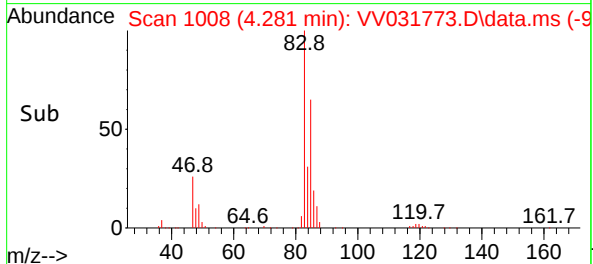
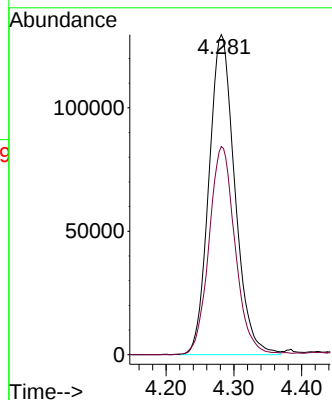
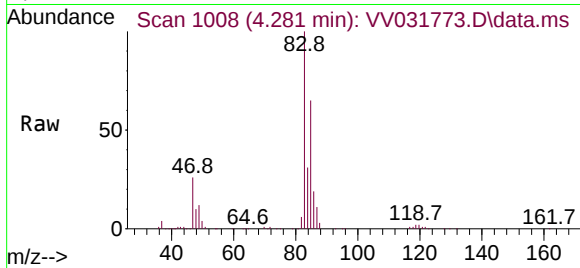




#25
Chloroform
Concen: 49.724 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

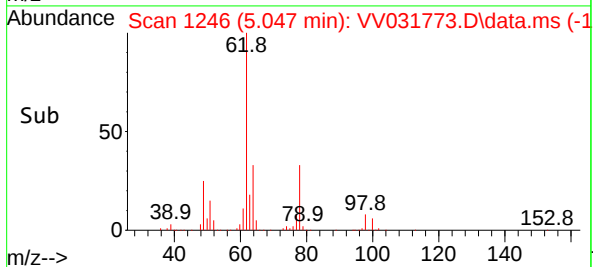
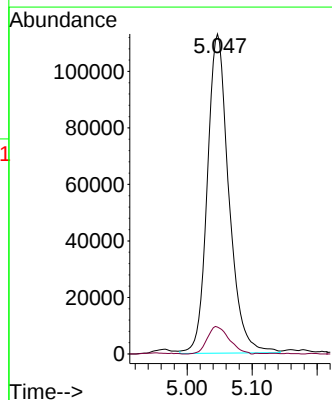
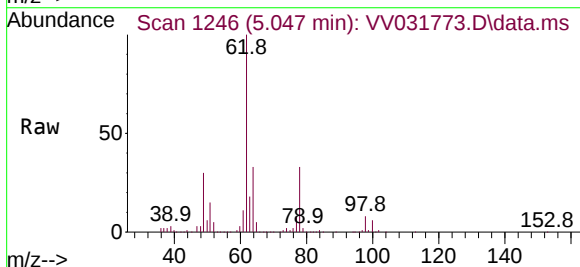
Instrument :
MSVOA_V
ClientSampleId :

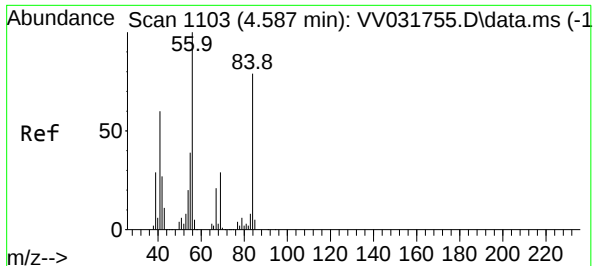
Tgt Ion: 83 Resp: 343751
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 50.650 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion: 62 Resp: 260416
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 46.316 ug/L

RT: 4.590 min Scan# 1103

Delta R.T. 0.003 min

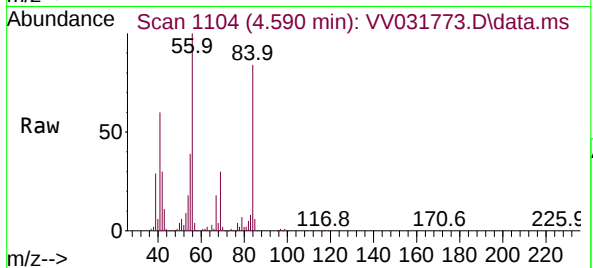
Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

ClientSampleId :



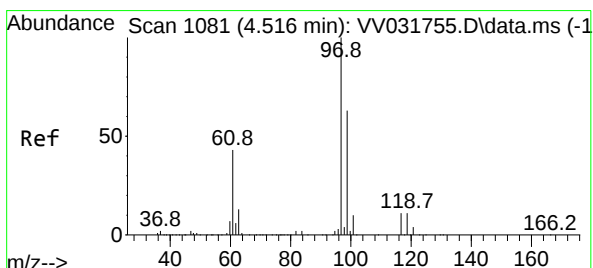
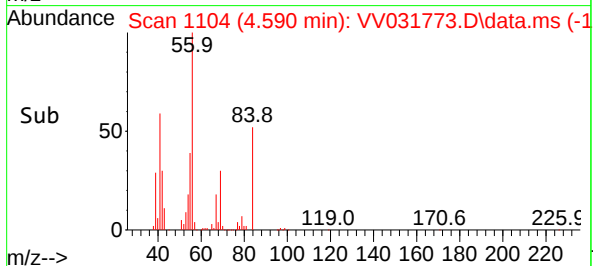
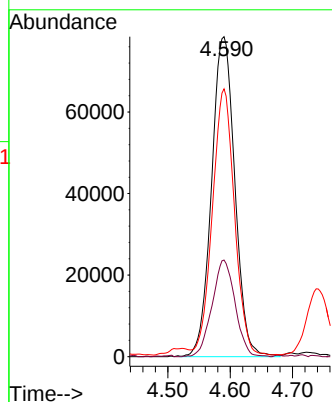
Tgt Ion: 56 Resp: 203496

Ion Ratio Lower Upper

56 100

69 29.8 24.1 36.1

84 78.6 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 47.875 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

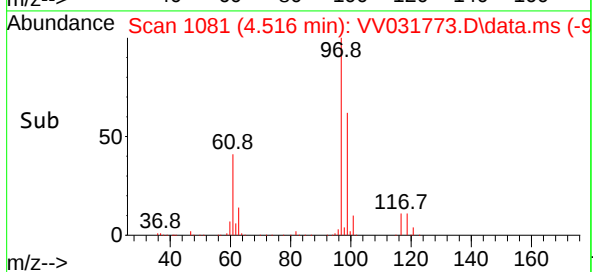
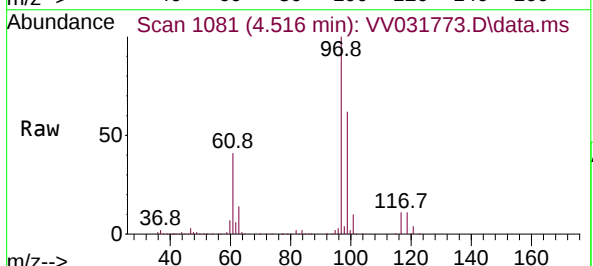
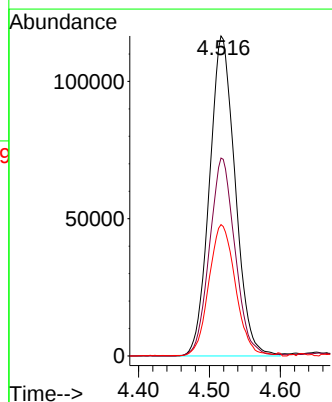
Tgt Ion: 97 Resp: 293454

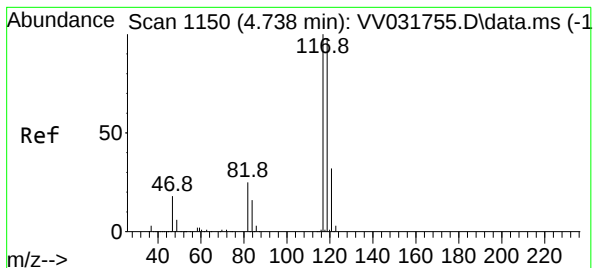
Ion Ratio Lower Upper

97 100

99 61.9 51.5 77.3

61 42.6 32.2 48.2





#31

Carbon tetrachloride

Concen: 46.127 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

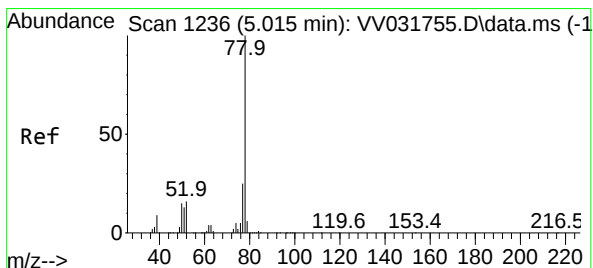
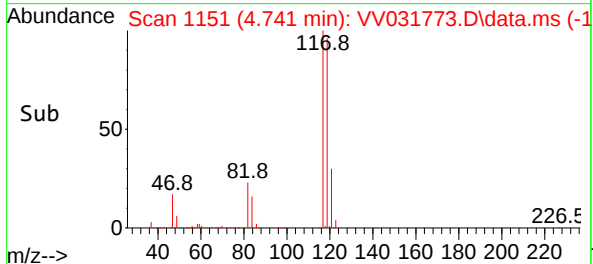
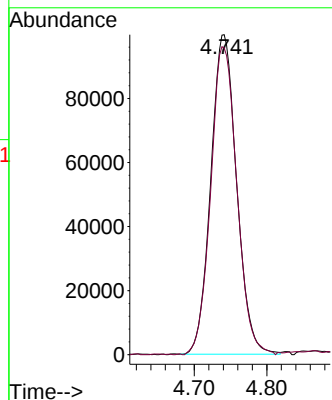
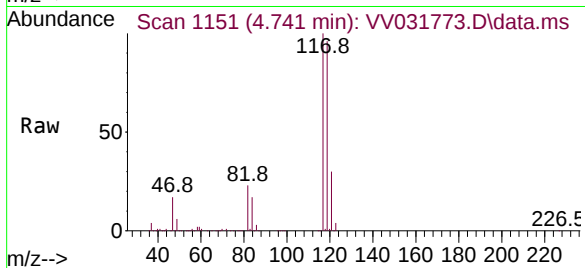
ClientSampleId :

Tgt Ion:117 Resp: 246870

Ion Ratio Lower Upper

117 100

119 97.7 78.0 117.0



#33

Benzene

Concen: 50.343 ug/L

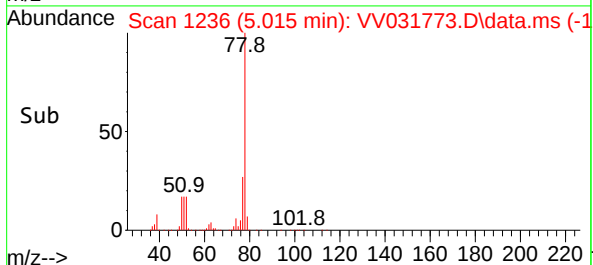
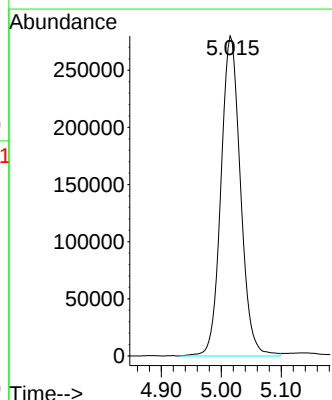
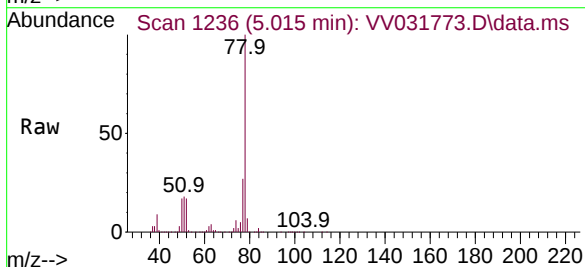
RT: 5.015 min Scan# 1236

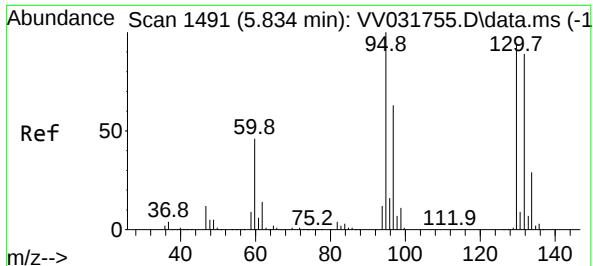
Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Tgt Ion: 78 Resp: 631844

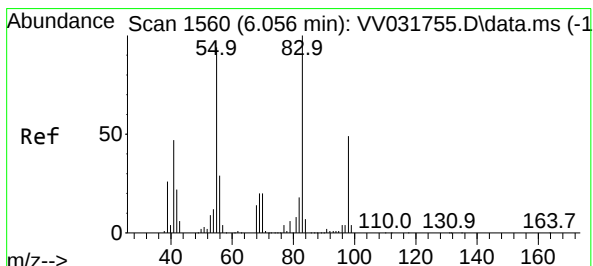
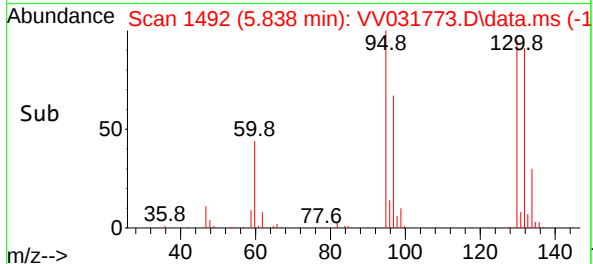
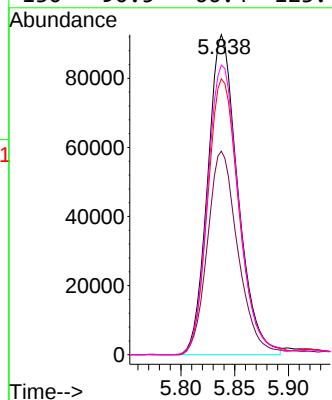
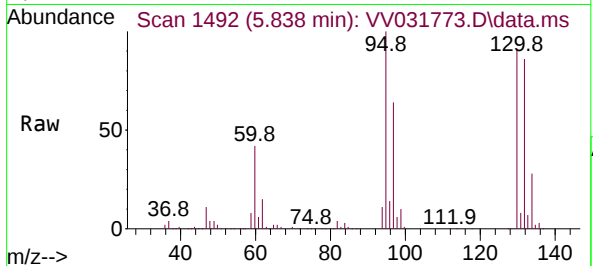




#34
Trichloroethene
Concen: 45.597 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

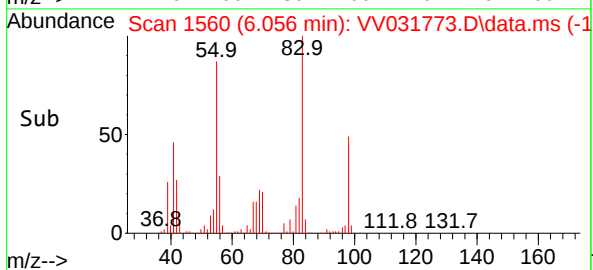
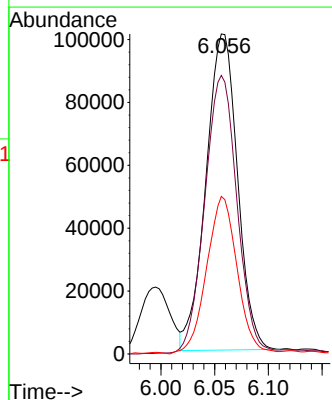
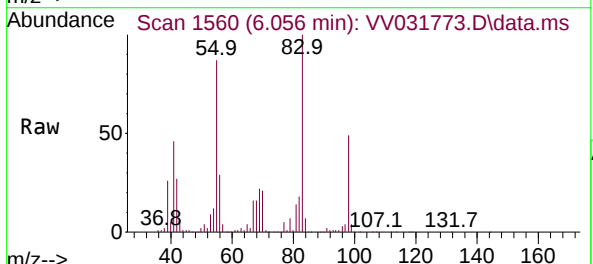
Instrument :
MSVOA_V
ClientSampleId :

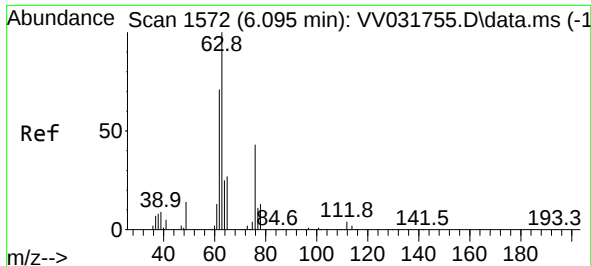
Tgt Ion:	95	Resp:	180589
Ion	Ratio	Lower	Upper
95	100		
97	63.6	47.0	87.2
132	93.1	64.8	120.4
130	90.5	66.4	123.4



#35
Methylcyclohexane
Concen: 46.553 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion:	83	Resp:	205084
Ion	Ratio	Lower	Upper
83	100		
55	90.6	69.4	104.2
98	48.4	38.2	57.2





#37

1,2-Dichloropropane

Concen: 50.097 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

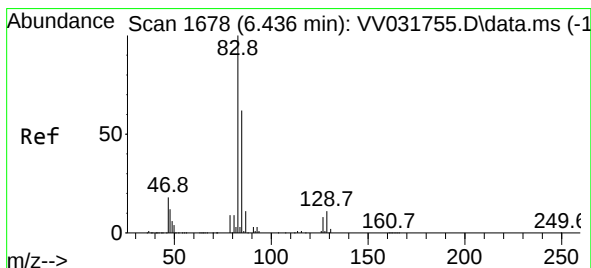
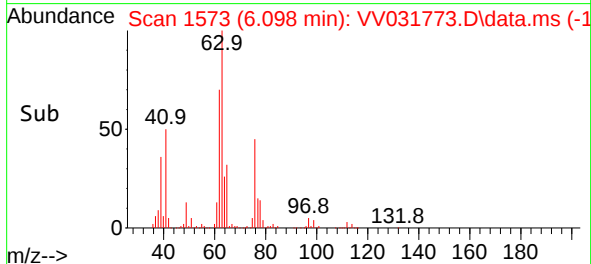
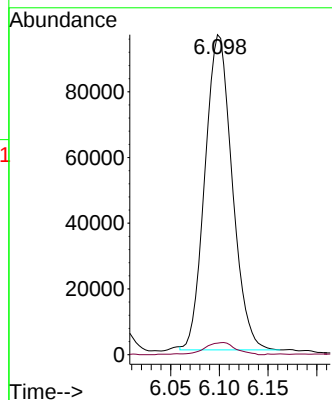
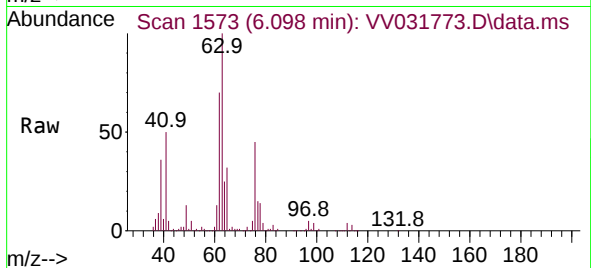
ClientSampleId :

Tgt Ion: 63 Resp: 186779

Ion Ratio Lower Upper

63 100

112 4.3 3.7 5.5



#38

Bromodichloromethane

Concen: 48.727 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

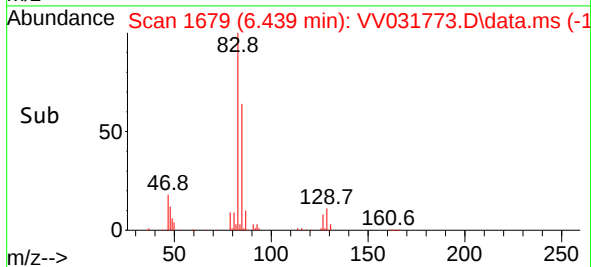
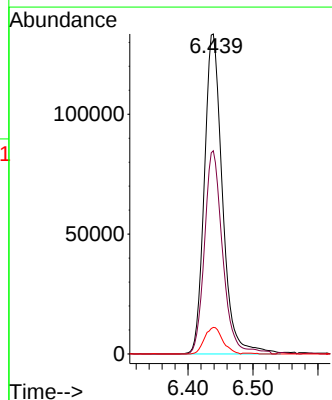
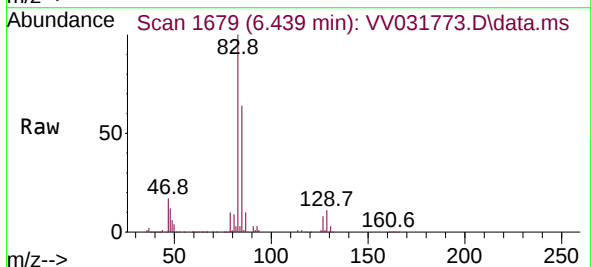
Tgt Ion: 83 Resp: 259152

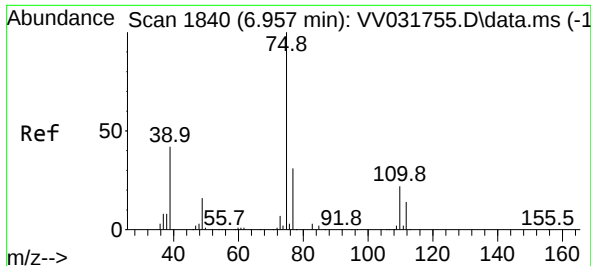
Ion Ratio Lower Upper

83 100

85 63.5 44.2 82.0

127 9.2 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 45.824 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

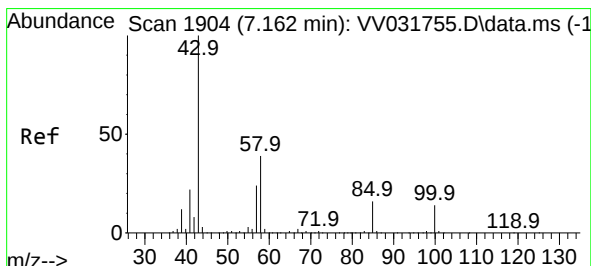
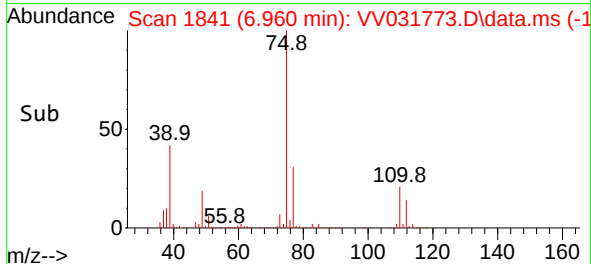
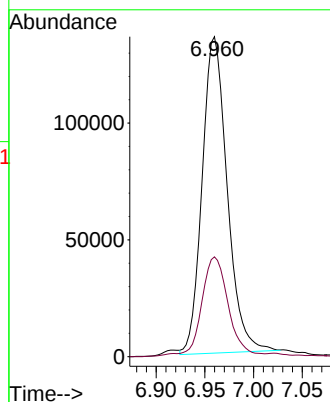
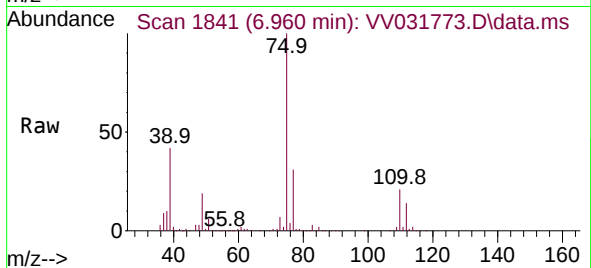
ClientSampleId :

Tgt Ion: 75 Resp: 242544

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 111.493 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

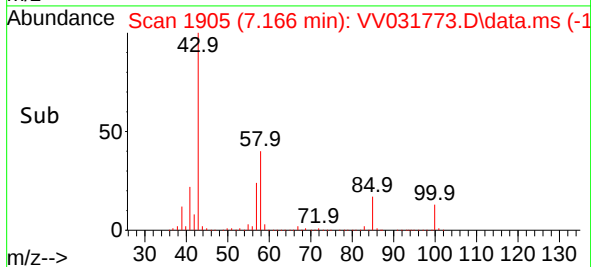
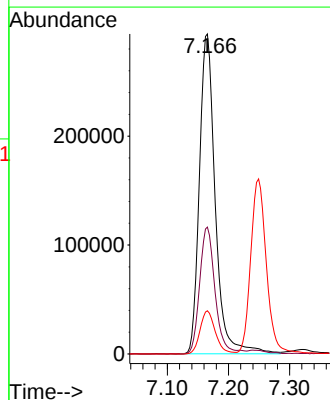
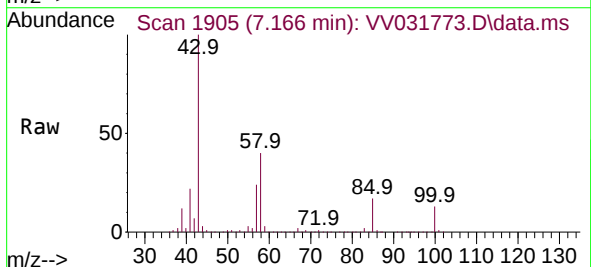
Tgt Ion: 43 Resp: 529423

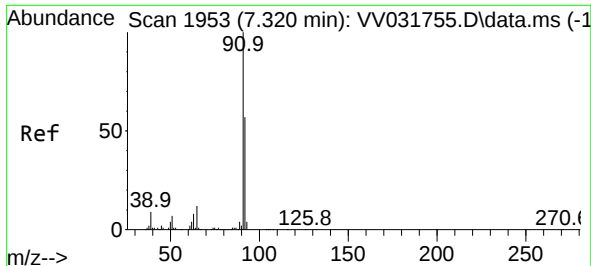
Ion Ratio Lower Upper

43 100

58 38.2 32.1 48.1

100 13.0 12.1 18.1





#42

Toluene

Concen: 52.757 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

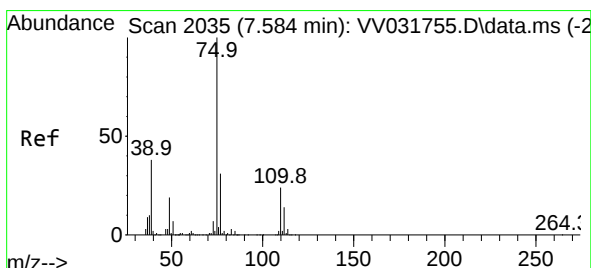
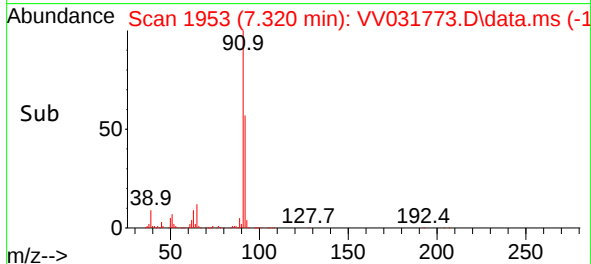
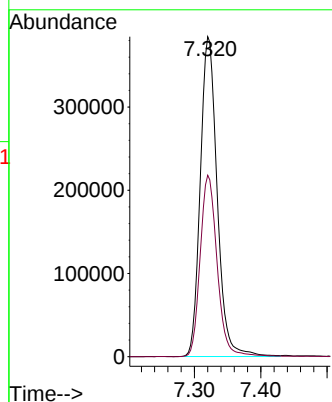
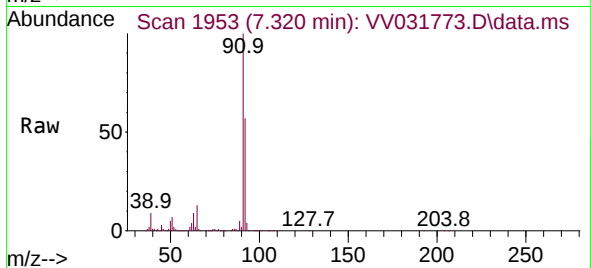
ClientSampleId :

Tgt Ion: 91 Resp: 680042

Ion Ratio Lower Upper

91 100

92 56.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 49.968 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV031773.D

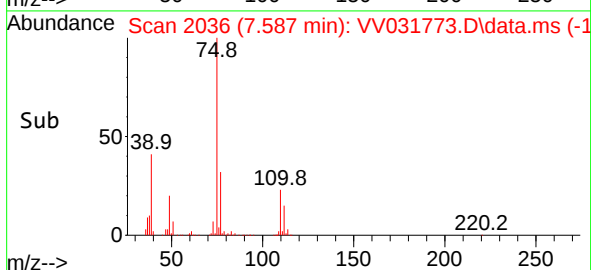
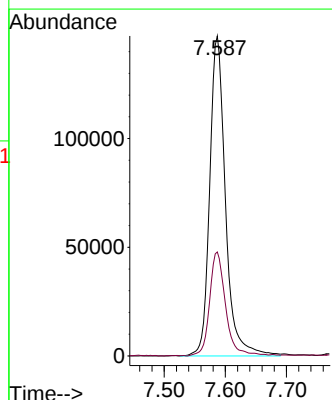
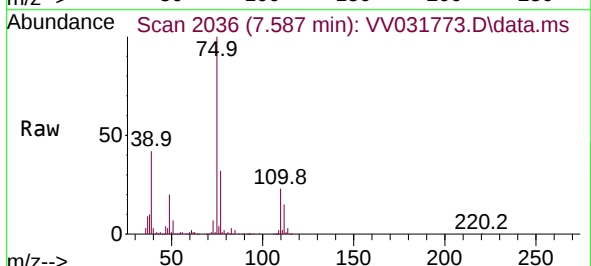
Acq: 26 Jul 2023 16:47

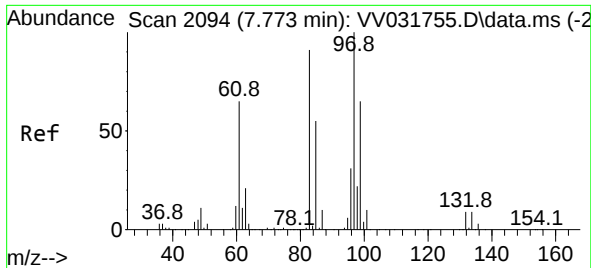
Tgt Ion: 75 Resp: 263936

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.3

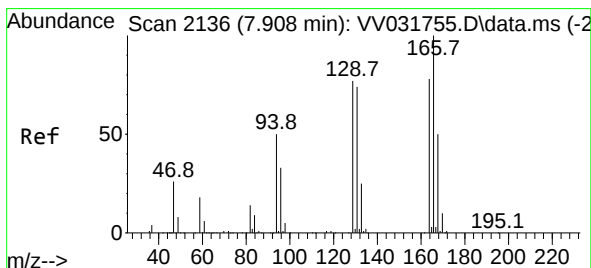
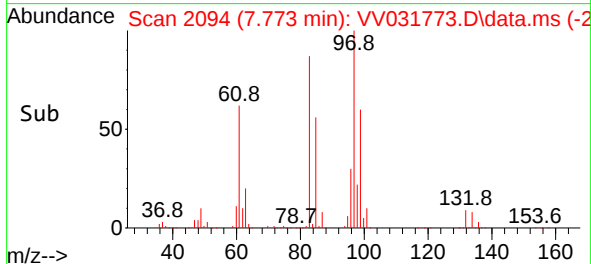
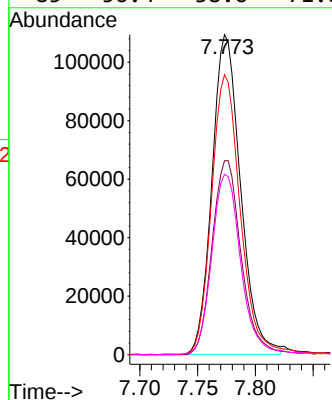
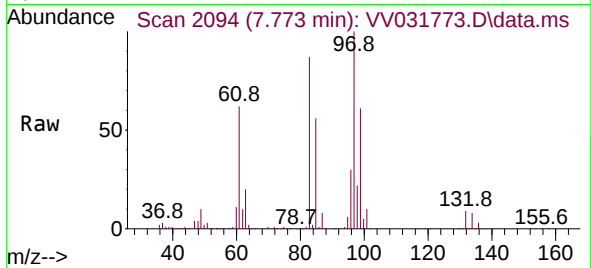




#45
1,1,2-Trichloroethane
Concen: 50.003 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

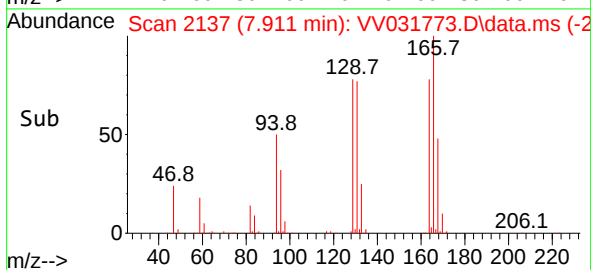
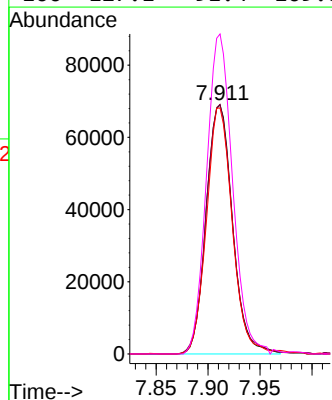
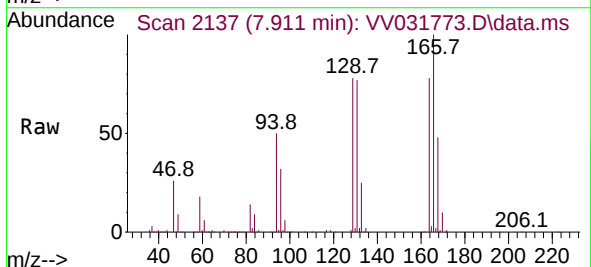
Instrument :
MSVOA_V
ClientSampleId :

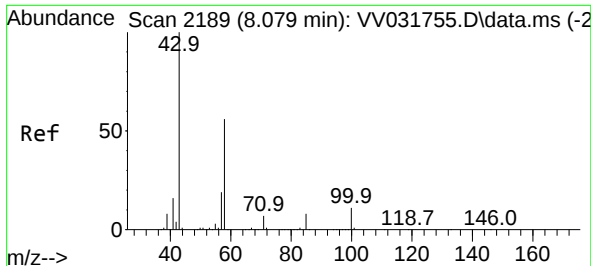
Tgt Ion: 97	Resp: 188116
Ion Ratio	Lower Upper
97 100	
99 60.6	45.2 84.0
83 87.5	59.5 110.5
85 56.4	38.6 71.8



#46
Tetrachloroethene
Concen: 48.795 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

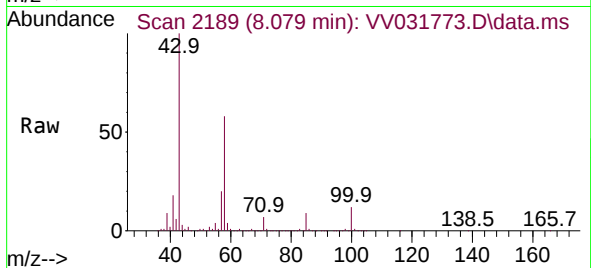
Tgt	Ion:164	Resp:	122108
Ion	Ratio	Lower	Upper
164	100		
129	97.0	65.2	121.0
131	95.6	67.1	124.7
166	127.1	91.4	169.8



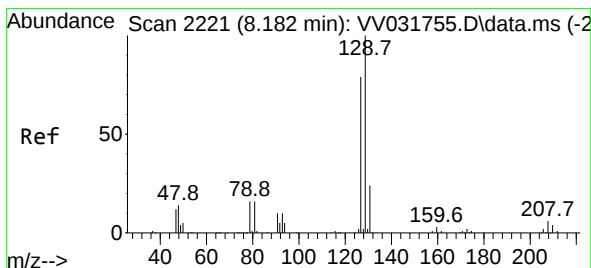
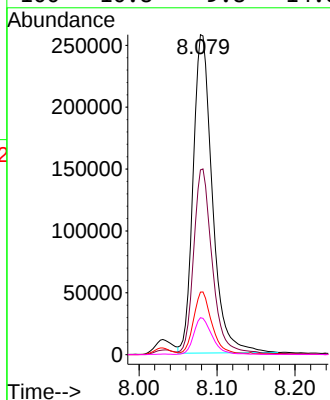
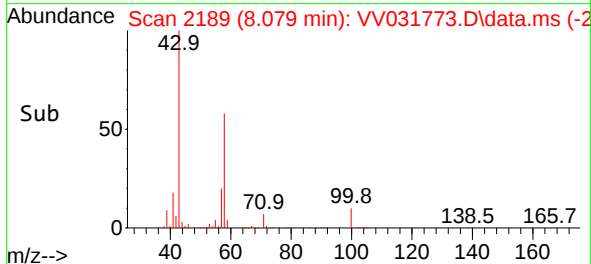


#48
2-Hexanone
Concen: 116.527 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Instrument :
MSVOA_V
ClientSampleId :

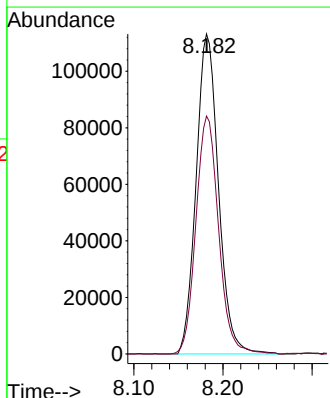
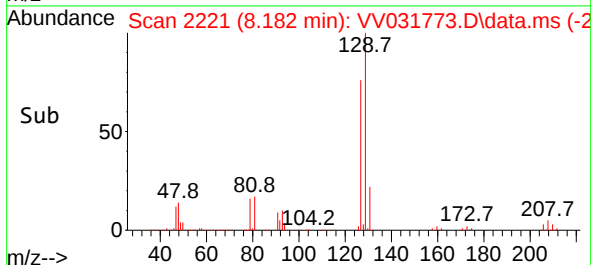
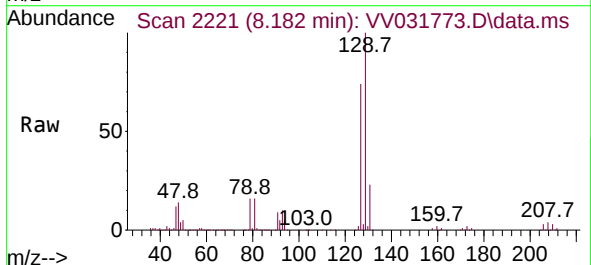


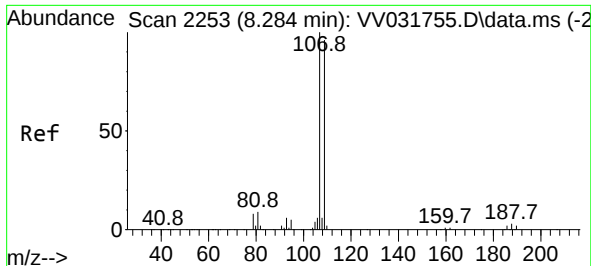
Tgt Ion: 43 Resp: 441358
Ion Ratio Lower Upper
43 100
58 55.6 46.3 69.5
57 19.0 16.8 25.2
100 10.8 9.8 14.8



#49
Dibromochloromethane
Concen: 49.781 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

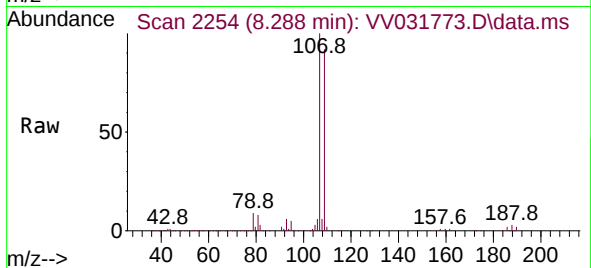
Tgt Ion: 129 Resp: 197628
Ion Ratio Lower Upper
129 100
127 74.4 55.2 102.6



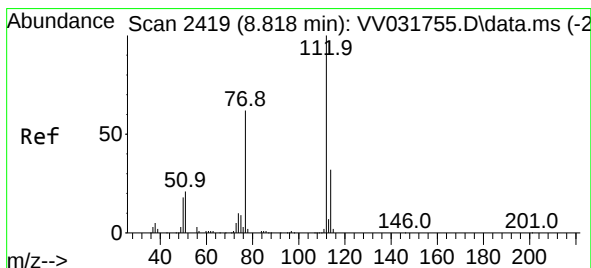
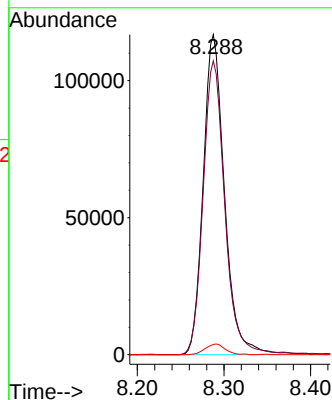
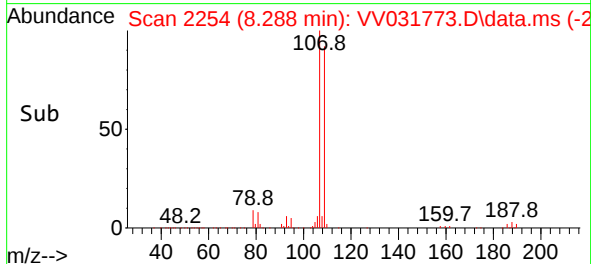


#50
1,2-Dibromoethane
Concen: 50.200 ug/L
RT: 8.288 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Instrument :
MSVOA_V
ClientSampleId :

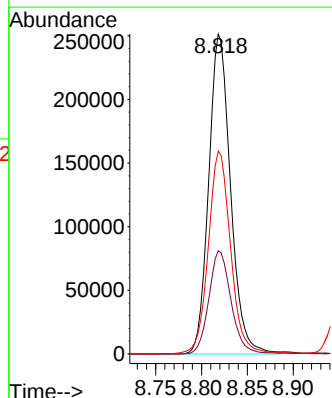
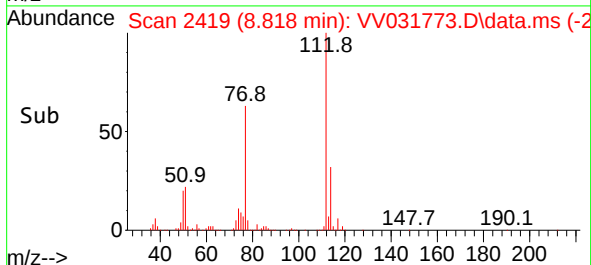
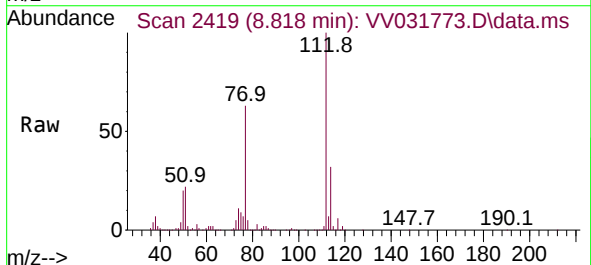


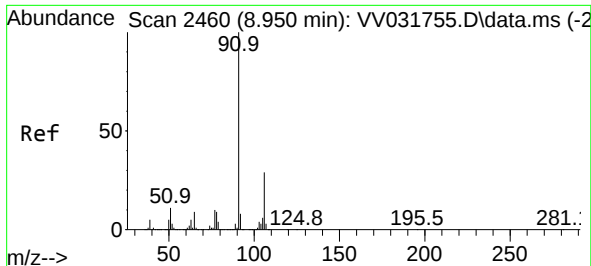
Tgt Ion:107 Resp: 198962
Ion Ratio Lower Upper
107 100
109 91.8 65.4 121.4
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 48.307 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion:112 Resp: 416057
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 63.4 50.6 76.0

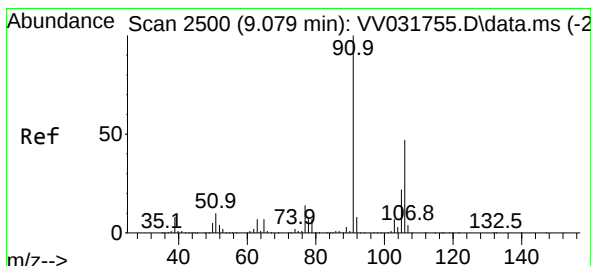
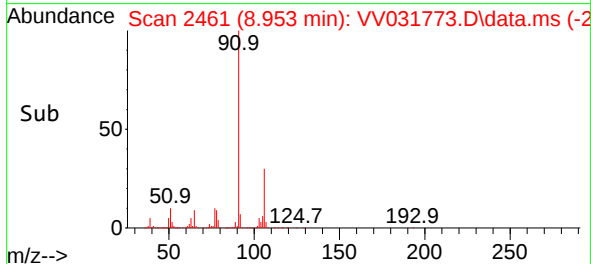
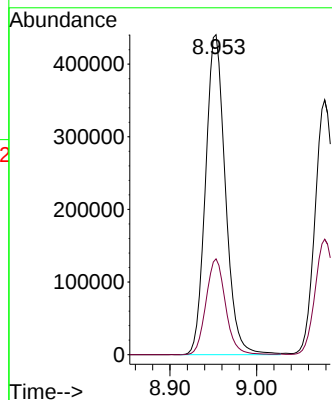
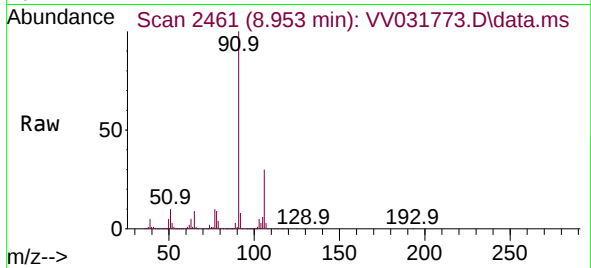




#52
Ethylbenzene
Concen: 50.192 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

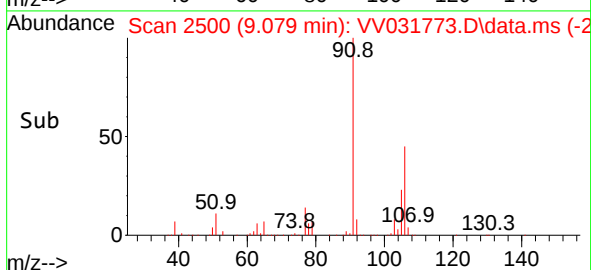
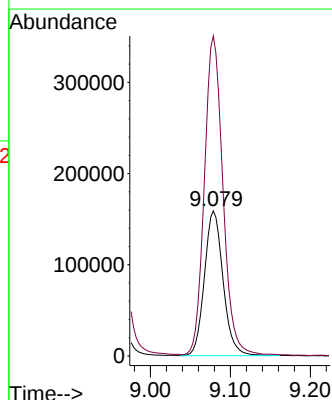
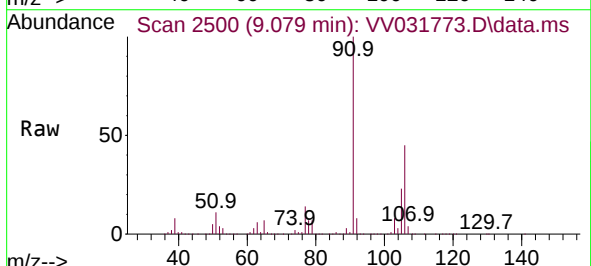
Instrument :
MSVOA_V
ClientSampleId :

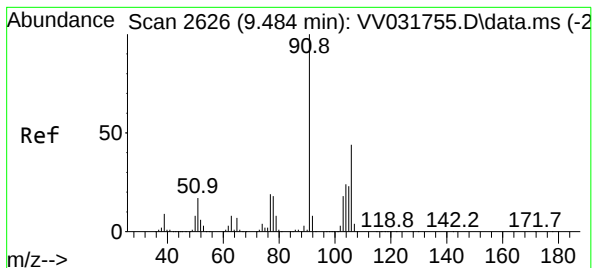
Tgt Ion: 91 Resp: 701124
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 51.229 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion:106 Resp: 258063
Ion Ratio Lower Upper
106 100
91 220.5 145.6 270.4





#54

o-Xylene

Concen: 51.372 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

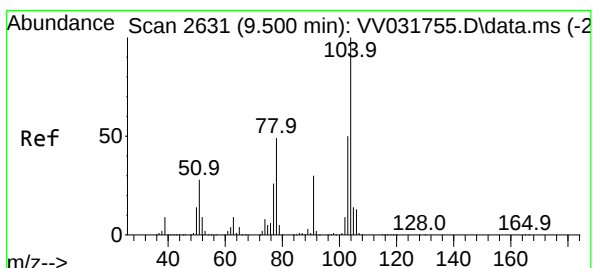
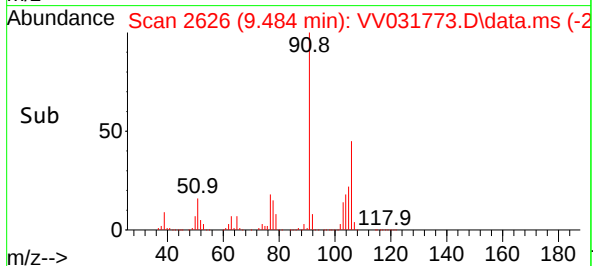
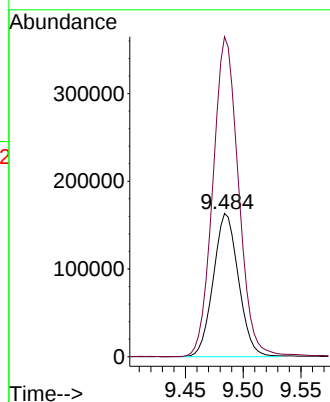
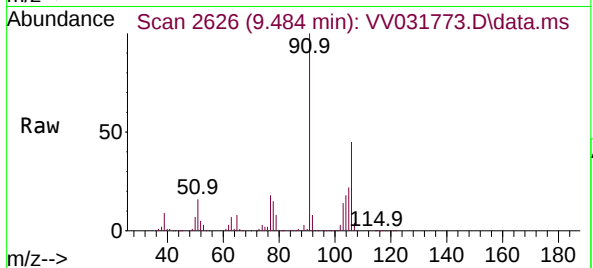
ClientSampleId :

Tgt Ion:106 Resp: 248023

Ion Ratio Lower Upper

106 100

91 223.4 163.0 302.6



#55

Styrene

Concen: 54.650 ug/L

RT: 9.503 min Scan# 2632

Delta R.T. 0.003 min

Lab File: VV031773.D

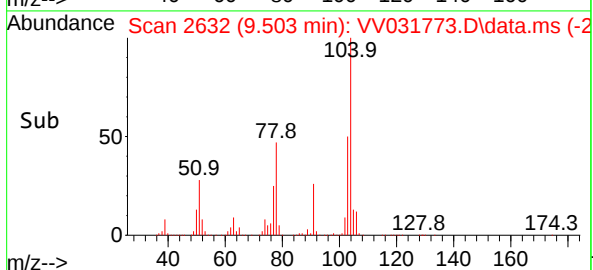
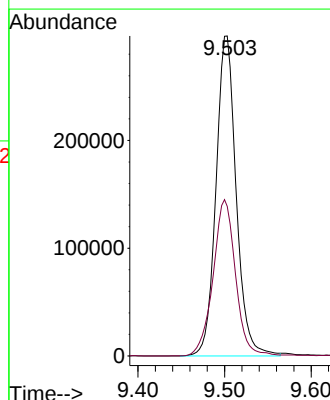
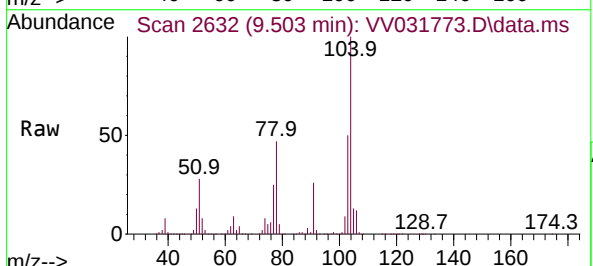
Acq: 26 Jul 2023 16:47

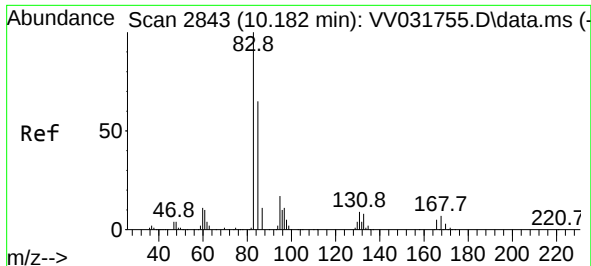
Tgt Ion:104 Resp: 481976

Ion Ratio Lower Upper

104 100

78 46.8 34.4 64.0

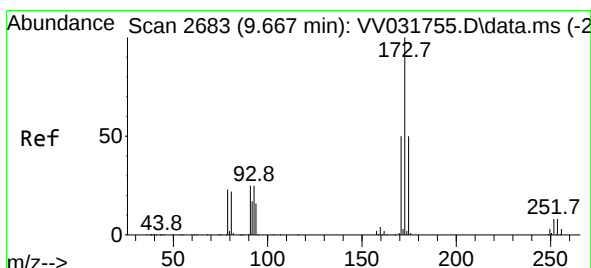
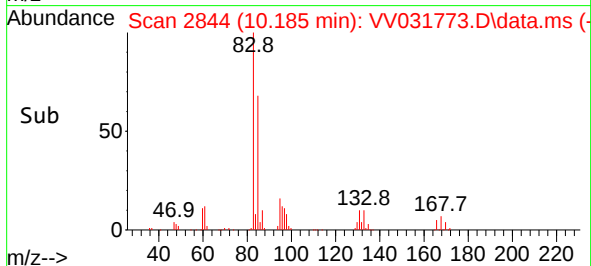
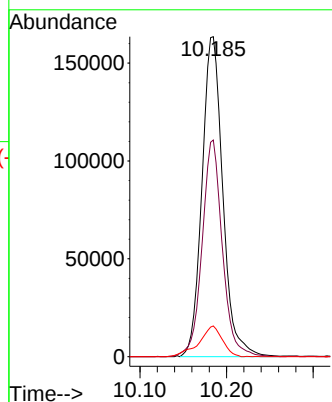
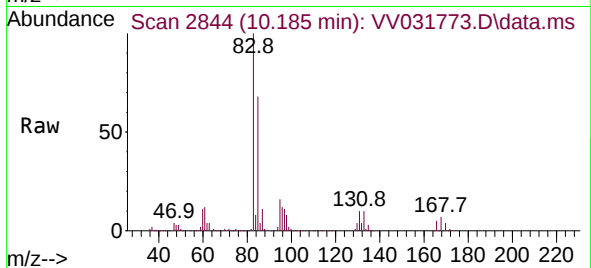




#57
1,1,2,2-Tetrachloroethane
Concen: 52.459 ug/L
RT: 10.185 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

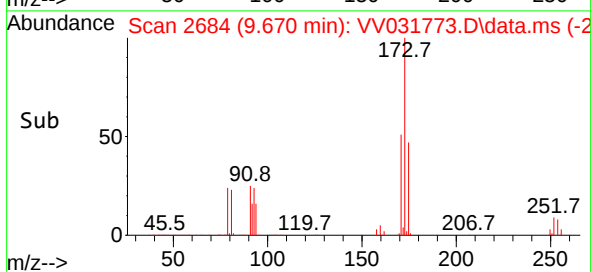
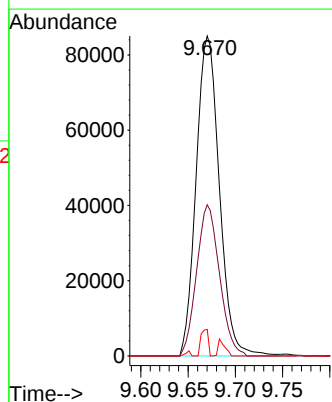
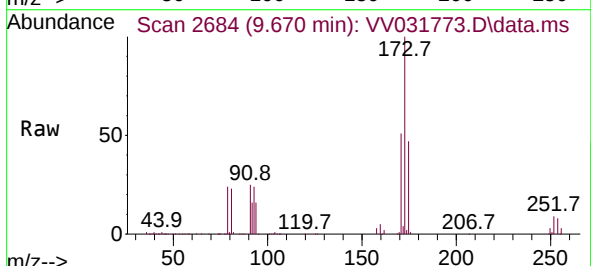
Instrument :
MSVOA_V
ClientSampleId :

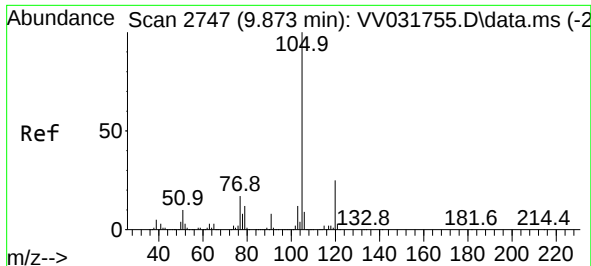
Tgt Ion: 83 Resp: 273664
Ion Ratio Lower Upper
83 100
85 67.7 43.4 80.6
131 13.5 10.9 16.3



#59
Bromoform
Concen: 48.919 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.003 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion: 173 Resp: 145282
Ion Ratio Lower Upper
173 100
175 46.4 38.6 58.0
254 2.6 6.9 10.3#

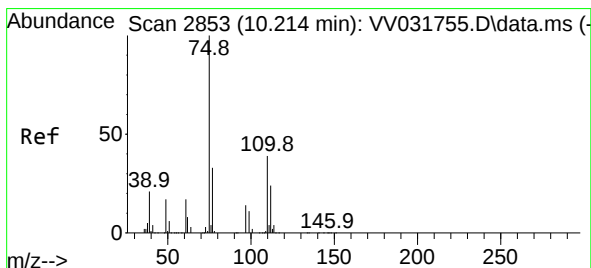
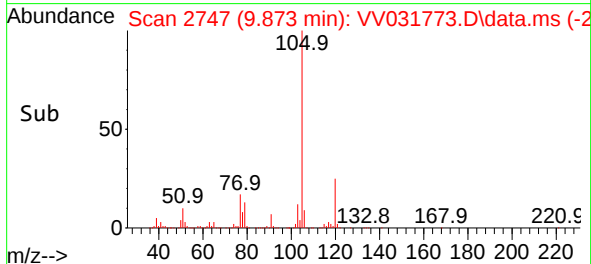
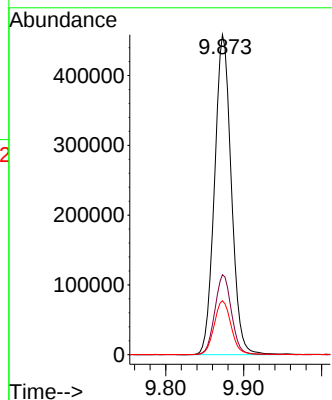
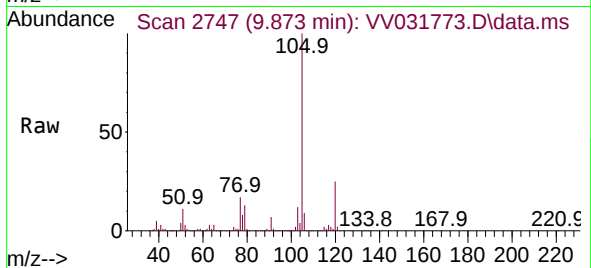




#60
Isopropylbenzene
Concen: 50.766 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

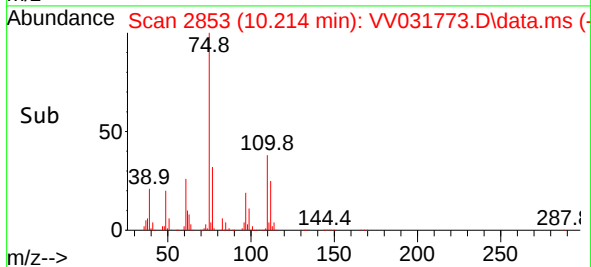
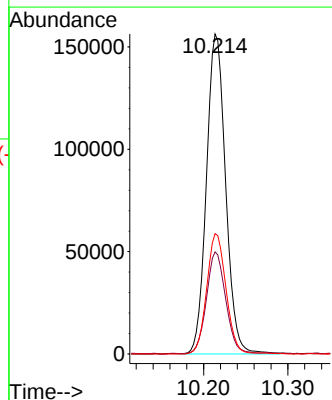
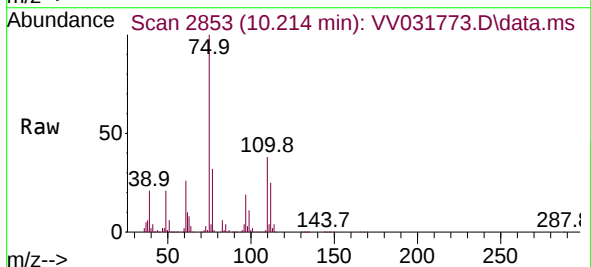
Instrument :
MSVOA_V
ClientSampleId :

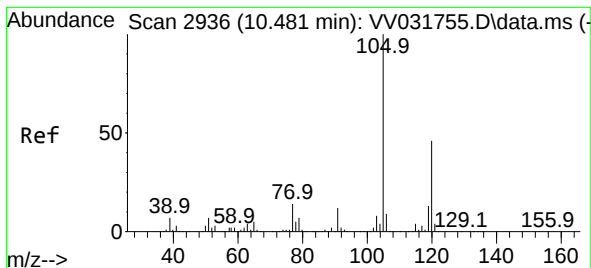
Tgt Ion:105 Resp: 686268
Ion Ratio Lower Upper
105 100
120 24.8 20.6 30.8
77 17.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 48.862 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV031773.D
Acq: 26 Jul 2023 16:47

Tgt Ion: 75 Resp: 248251
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
110 37.6 31.4 47.0





#62

1,3,5-Trimethylbenzene

Concen: 49.018 ug/L

RT: 10.484 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

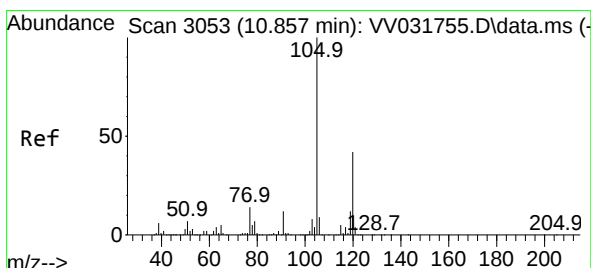
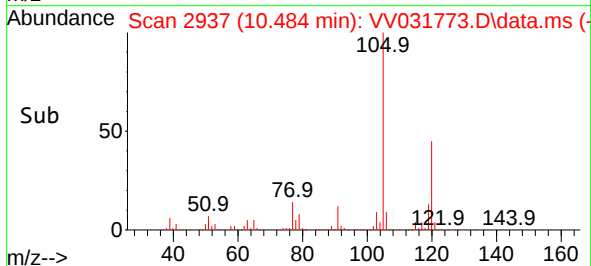
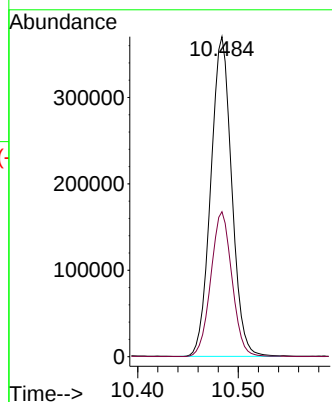
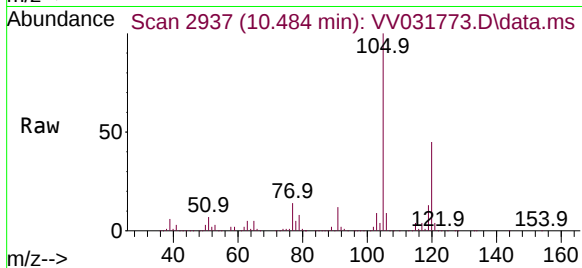
ClientSampleId :

Tgt Ion:105 Resp: 536144

Ion Ratio Lower Upper

105 100

120 45.9 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 49.536 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV031773.D

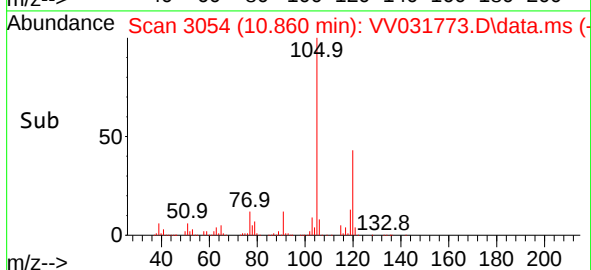
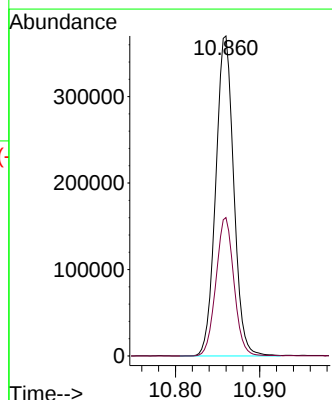
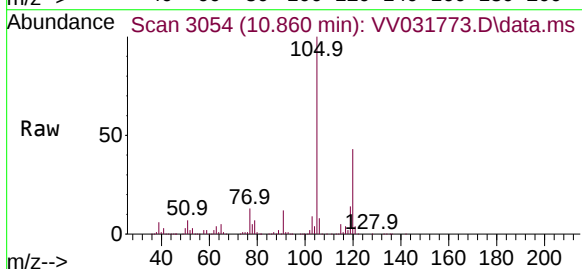
Acq: 26 Jul 2023 16:47

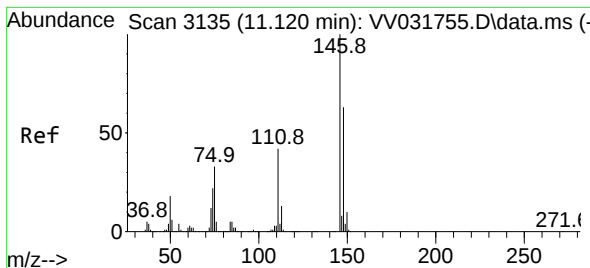
Tgt Ion:105 Resp: 548492

Ion Ratio Lower Upper

105 100

120 43.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 49.086 ug/L

RT: 11.124 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

ClientSampleId :

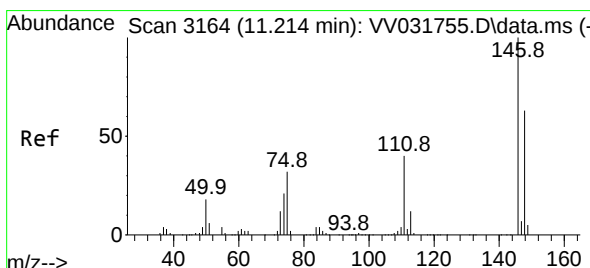
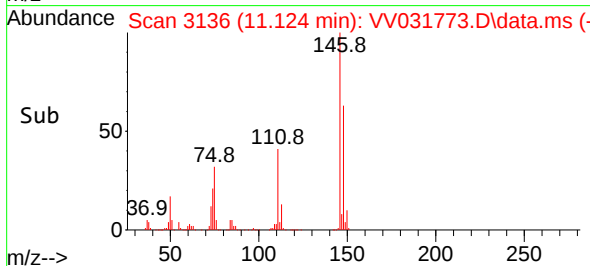
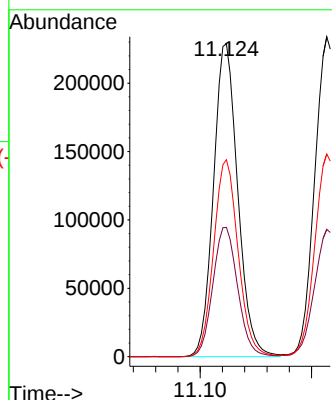
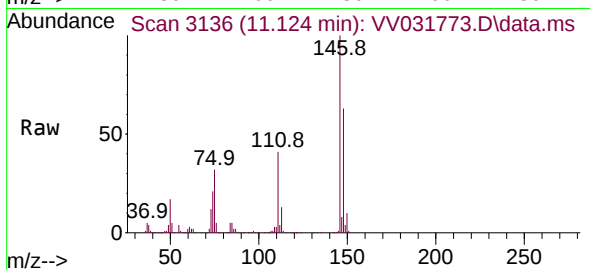
Tgt Ion:146 Resp: 346863

Ion Ratio Lower Upper

146 100

111 41.3 28.3 52.5

148 63.0 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 48.657 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

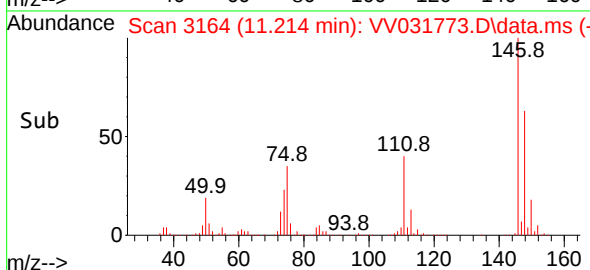
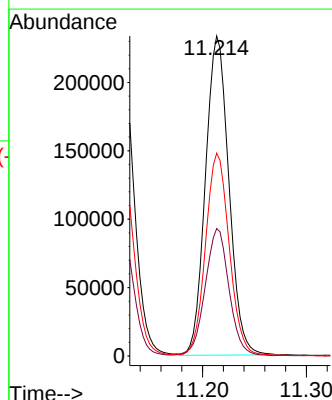
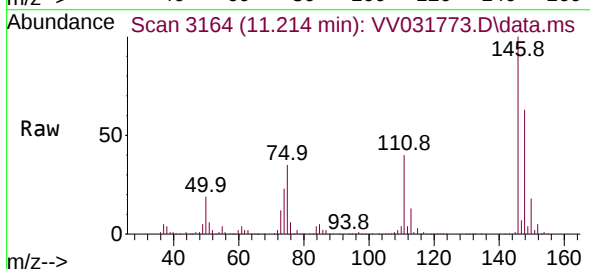
Tgt Ion:146 Resp: 365506

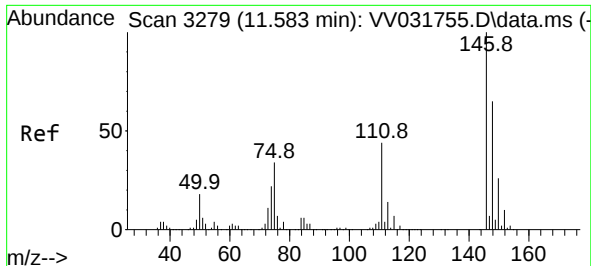
Ion Ratio Lower Upper

146 100

111 39.8 28.3 52.7

148 63.4 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 48.858 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

ClientSampleId :

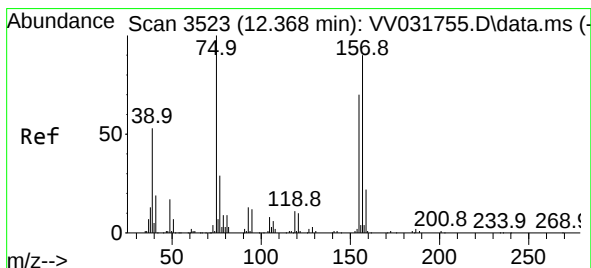
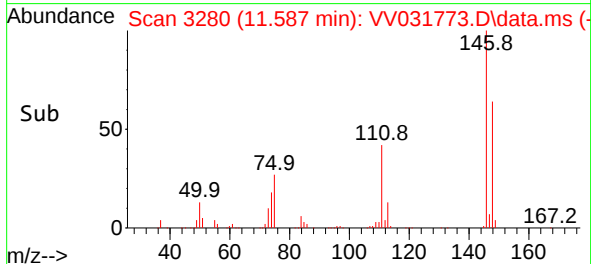
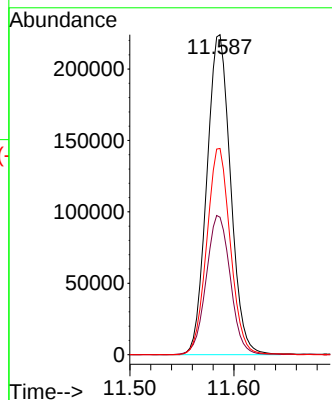
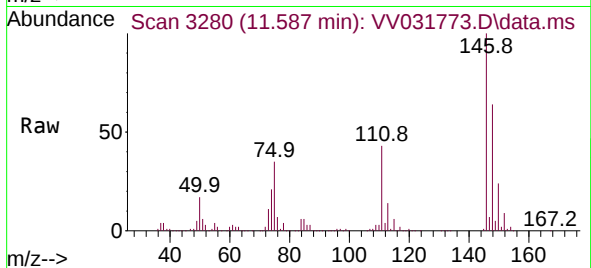
Tgt Ion:146 Resp: 355483

Ion Ratio Lower Upper

146 100

111 43.0 34.8 52.2

148 64.5 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 49.614 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

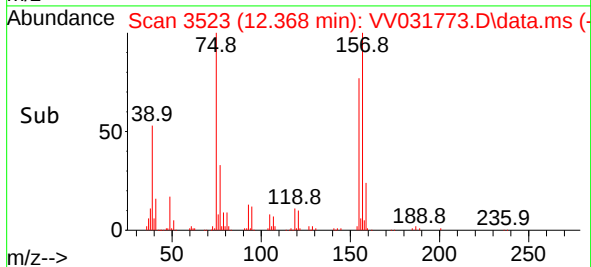
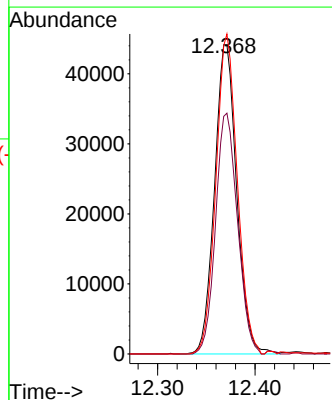
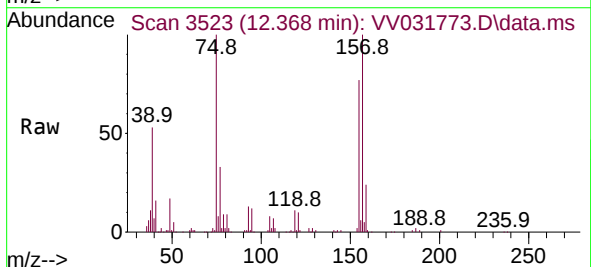
Tgt Ion: 75 Resp: 70110

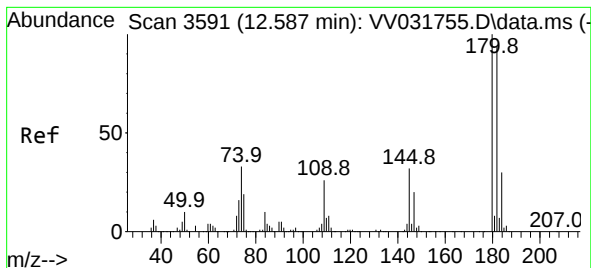
Ion Ratio Lower Upper

75 100

155 76.8 59.9 89.9

157 99.6 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 49.974 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. -0.000 min

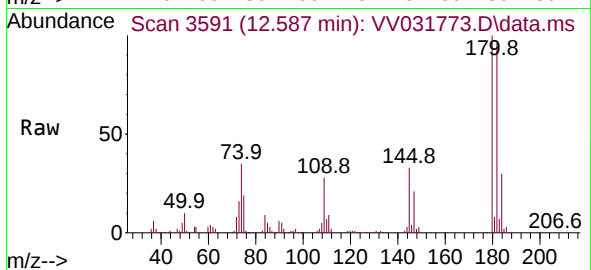
Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 257560

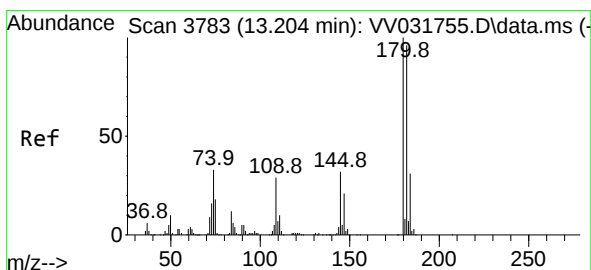
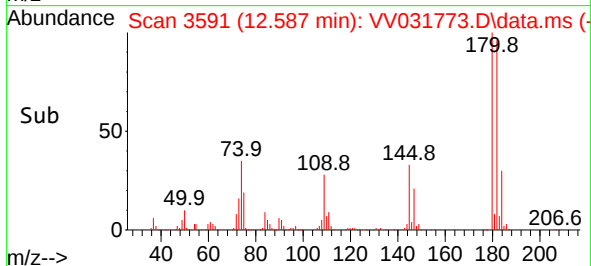
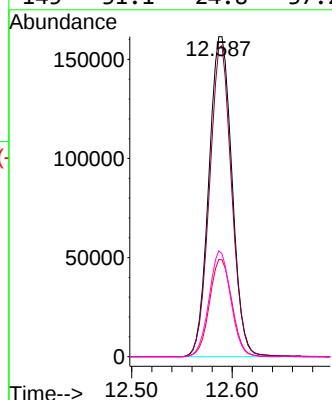
Ion Ratio Lower Upper

180 100

182 93.2 75.5 113.3

184 29.6 23.7 35.5

145 31.1 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 46.560 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

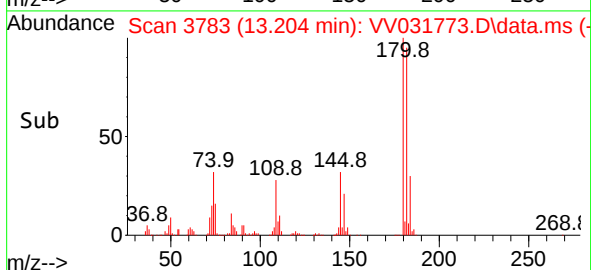
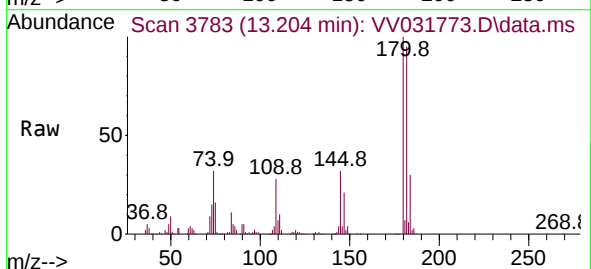
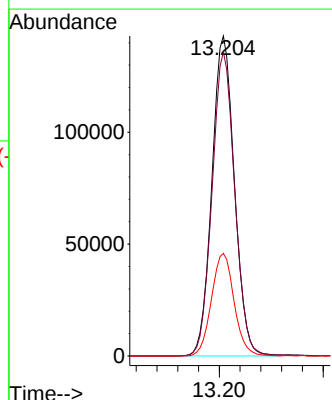
Tgt Ion:180 Resp: 214683

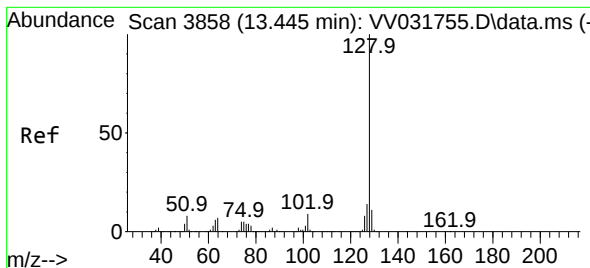
Ion Ratio Lower Upper

180 100

182 95.4 76.6 114.8

145 32.3 25.4 38.2





#71

Naphthalene

Concen: 49.862 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Instrument :

MSVOA_V

ClientSampleId :

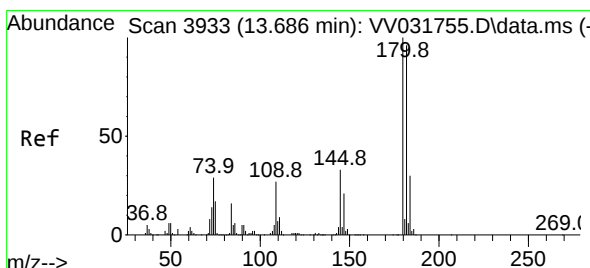
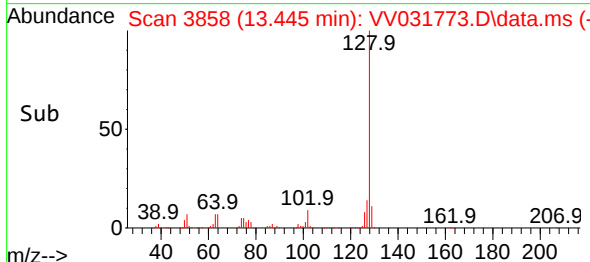
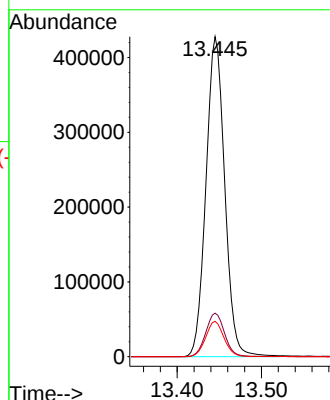
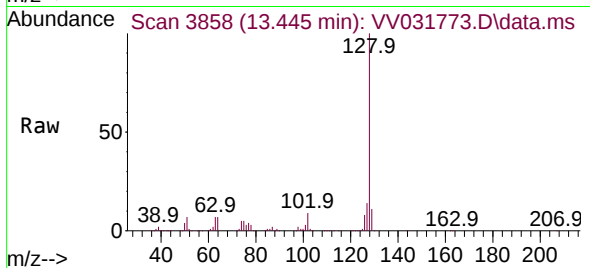
Tgt Ion:128 Resp: 662729

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.020 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. -0.000 min

Lab File: VV031773.D

Acq: 26 Jul 2023 16:47

Tgt Ion:180 Resp: 241090

Ion Ratio Lower Upper

180 100

182 97.1 76.7 115.1

145 34.5 27.7 41.5

