

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110723\
 Data File : VW032860.D
 Acq On : 07 Nov 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 07 01:35:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	355039	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	399505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	227510	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	111845	33.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.240%
7) Chloroethane-d5	1.532	69	104957	37.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.320%
11) 1,1-Dichloroethene-d2	2.060	65	49489	35.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.960%
21) 2-Butanone-d5	3.786	46	131182	89.560	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	4.249	84	236318	43.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	4.944	65	148066	44.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
32) Benzene-d6	4.963	84	426850	41.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.120%
36) 1,2-Dichloropropane-d6	5.989	67	131660	42.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.380%
41) Toluene-d8	7.243	98	430756	42.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.180%
43) trans-1,3-Dichloroprop...	7.551	79	71465	43.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.940%
47) 2-Hexanone-d5	8.027	63	100159	87.915	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	217285	45.884	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	187380	42.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	127709	40.880	ug/L	100
3) Chloromethane	1.217	50	121034	40.047	ug/L	100
5) Vinyl chloride	1.285	62	132819	41.214	ug/L	100
6) Bromomethane	1.487	94	95019	42.256	ug/L	97
8) Chloroethane	1.548	64	92795	42.772	ug/L	100
9) Trichlorofluoromethane	1.716	101	222975	43.416	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	138386	44.534	ug/L	99
12) 1,1-Dichloroethene	2.175	96	12049	4.537	ug/L	85
13) Acetone	2.111	43	162936	66.458	ug/L	99
14) Carbon disulfide	2.243	76	266534	42.047	ug/L	99
15) Methyl Acetate	2.372	43	110486	44.446	ug/L	99
16) Methylene chloride	2.449	84	131772	37.411	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	110701	43.677	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	353499	47.228	ug/L	99
19) 1,1-Dichloroethane	3.114	63	214952	44.503	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	126686	45.259	ug/L	100
22) 2-Butanone	3.867	43	158915	76.431	ug/L	98
23) Bromochloromethane	4.150	128	72284	46.267	ug/L	98
25) Chloroform	4.275	83	252182	45.809	ug/L	97

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

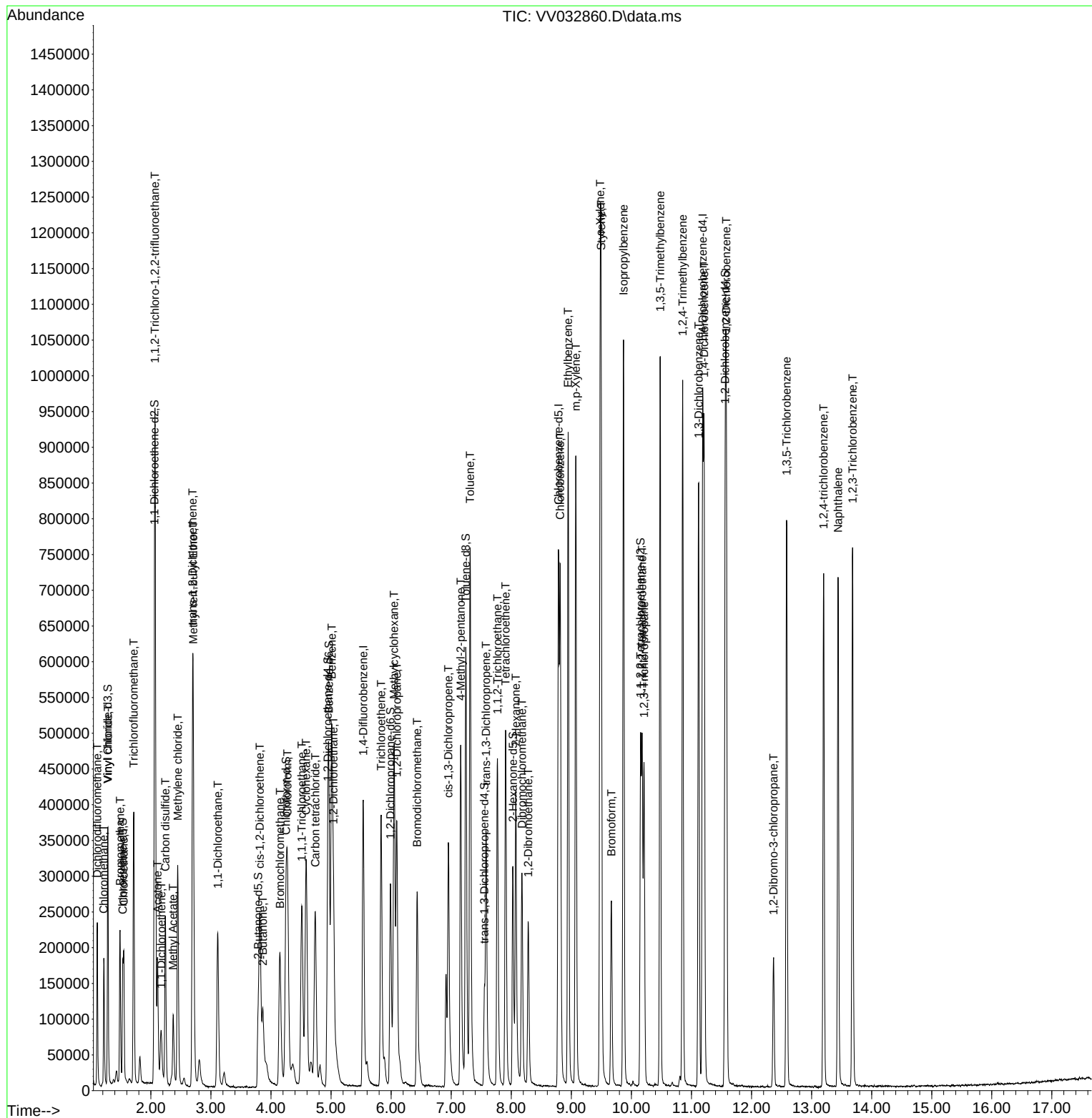
27) 1,2-Dichloroethane	5.040	62	185137	46.665	ug/L	99
29) Cyclohexane	4.584	56	149221	41.560	ug/L #	94
30) 1,1,1-Trichloroethane	4.513	97	213439	44.593	ug/L	99
31) Carbon tetrachloride	4.738	117	184265	43.566	ug/L	98
33) Benzene	5.011	78	486040	45.881	ug/L	100
34) Trichloroethene	5.834	95	130237	44.164	ug/L	99
35) Methylcyclohexane	6.050	83	165543	35.876	ug/L #	85
37) 1,2-Dichloropropane	6.095	63	139164	49.489	ug/L	98
38) Bromodichloromethane	6.432	83	199179	45.150	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	210477	49.893	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	312865	93.882	ug/L	99
42) Toluene	7.317	91	576212	47.763	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	206168	47.580	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	151687	47.029	ug/L	99
46) Tetrachloroethene	7.905	164	116824	43.906	ug/L	98
48) 2-Hexanone	8.075	43	252753	84.531	ug/L	99
49) Dibromochloromethane	8.178	129	157302	46.648	ug/L	99
50) 1,2-Dibromoethane	8.281	107	154441	47.000	ug/L	98
51) Chlorobenzene	8.815	112	388878	45.532	ug/L	99
52) Ethylbenzene	8.947	91	629163	47.278	ug/L	100
53) m,p-Xylene	9.075	106	245820	48.535	ug/L	98
54) o-Xylene	9.481	106	235332	47.962	ug/L	99
55) Styrene	9.497	104	436688	51.069	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	216895	44.899	ug/L	99
59) Bromoform	9.667	173	114857	45.027	ug/L	99
60) Isopropylbenzene	9.870	105	645384	46.776	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	164820	43.372	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	519082	47.810	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	505456	48.668	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	333940	46.459	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	347746	45.852	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	335713	45.750	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	42120	42.588	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	239534	46.162	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	205939	45.891	ug/L	99
71) Naphthalene	13.442	128	539373	48.131	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	219051	48.890	ug/L	99

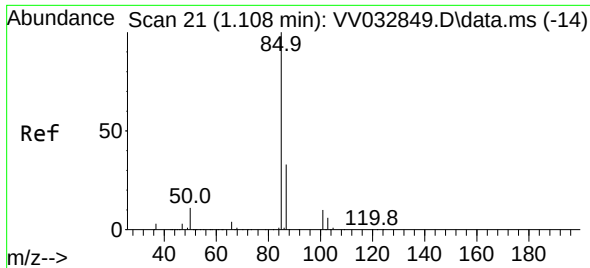
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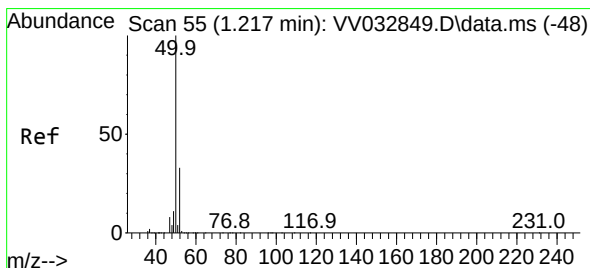
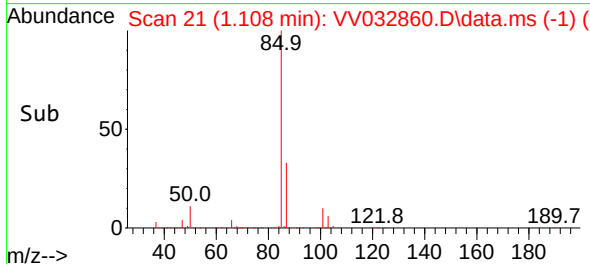
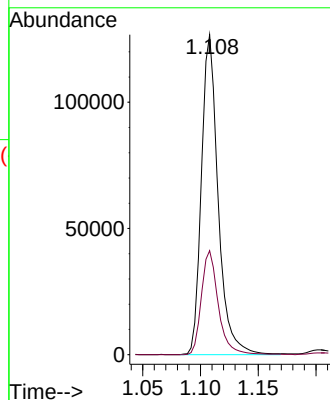
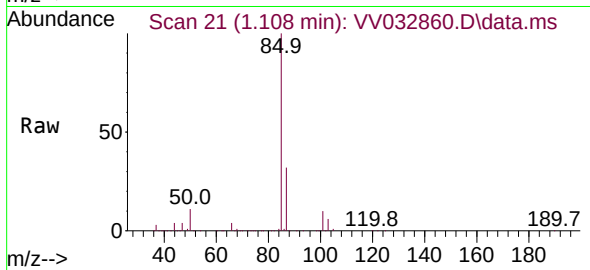




#2
Dichlorodifluoromethane
Concen: 40.880 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

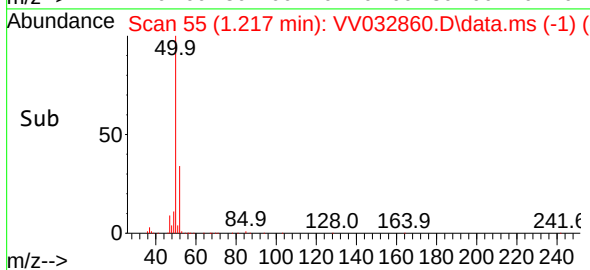
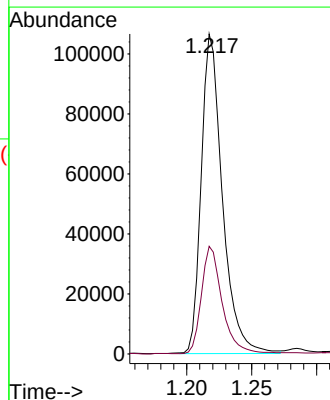
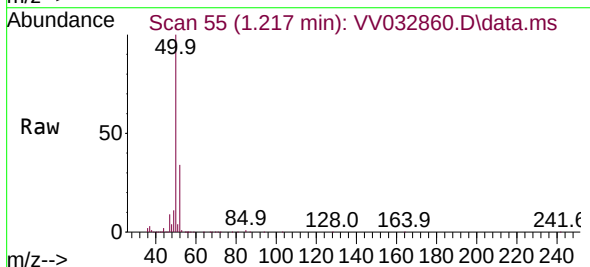
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ClientSampleId :

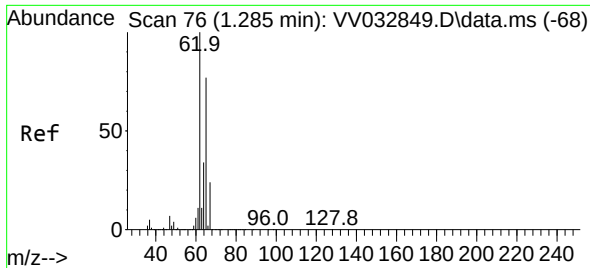
Tgt Ion: 85 Resp: 127709
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 40.047 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion: 50 Resp: 121034
Ion Ratio Lower Upper
50 100
52 33.6 23.5 43.7



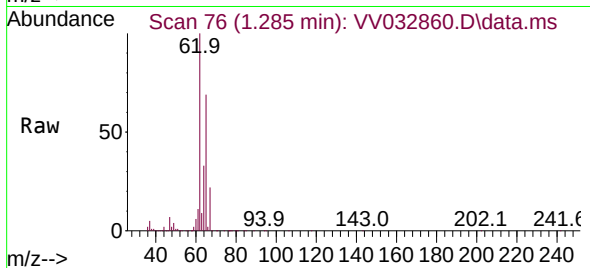


#5
 Vinyl chloride
 Concen: 41.214 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032860.D
 Acq: 07 Nov 2023 09:26

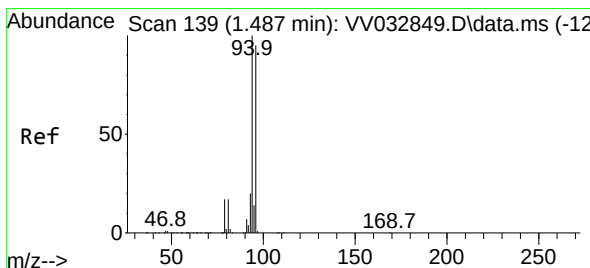
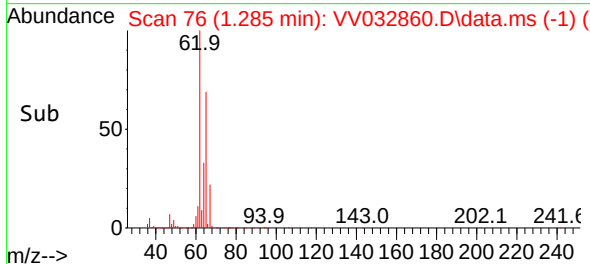
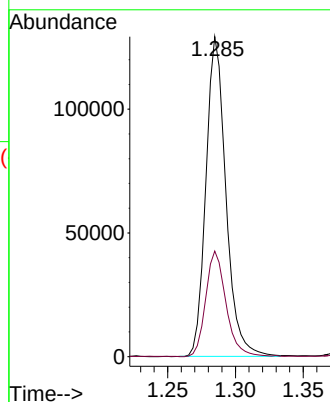
Instrument :

MSVOA_V

ClientSampleId :

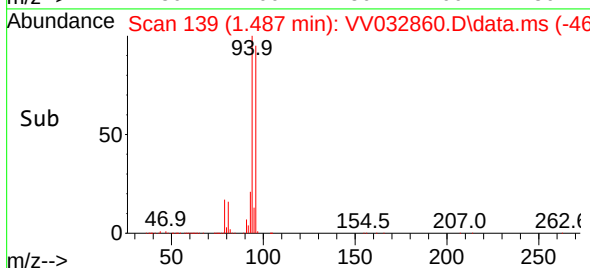
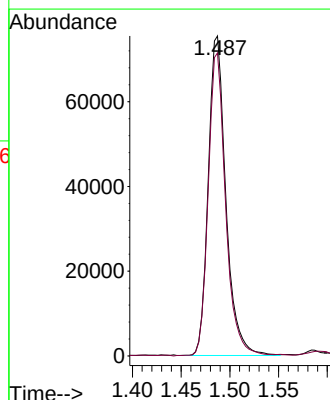
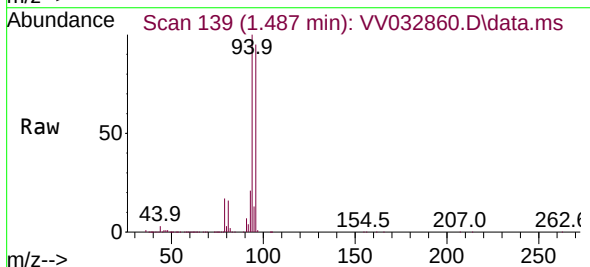


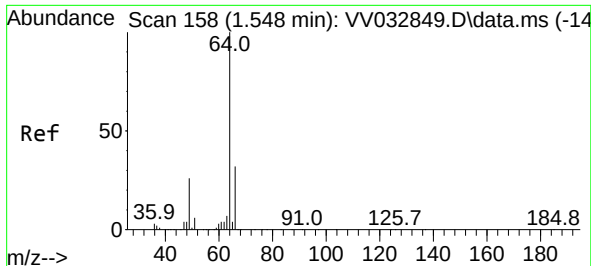
Tgt Ion: 62 Resp: 132819
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.0



#6
 Bromomethane
 Concen: 42.256 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032860.D
 Acq: 07 Nov 2023 09:26

Tgt Ion: 94 Resp: 95019
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.2 119.2

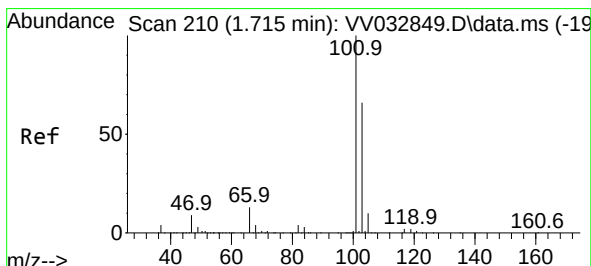
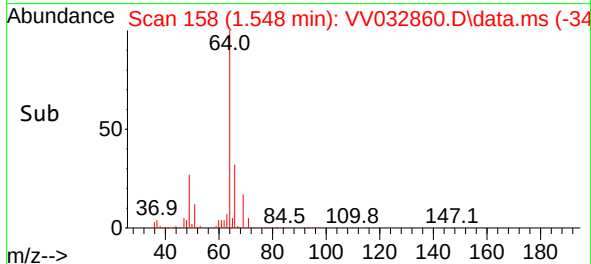
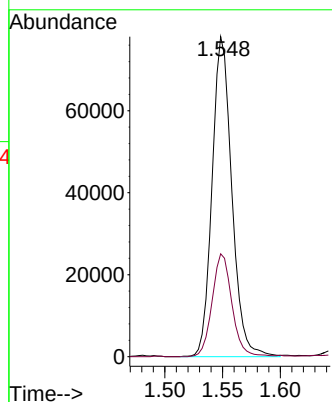
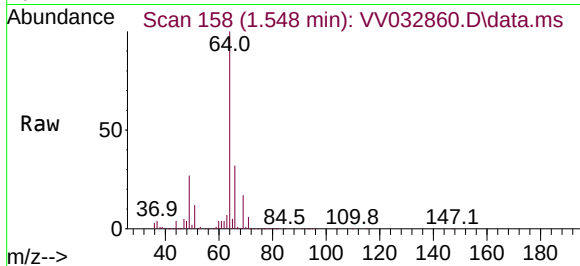




#8
Chloroethane
Concen: 42.772 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

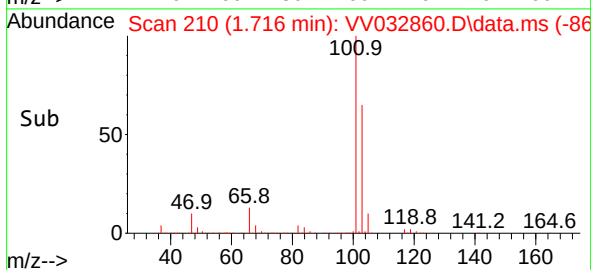
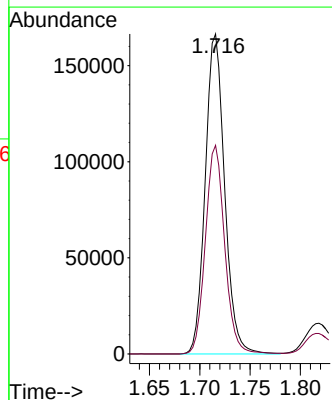
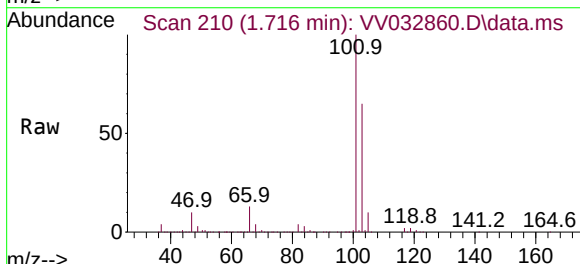
Instrument :
MSVOA_V
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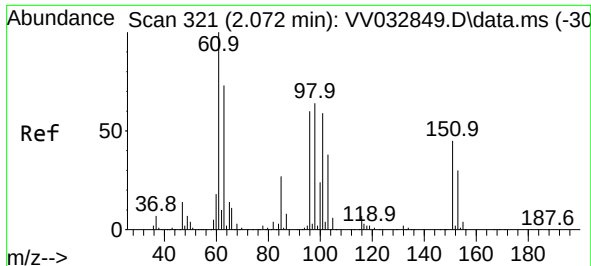
Tgt Ion: 64 Resp: 92795
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 43.416 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

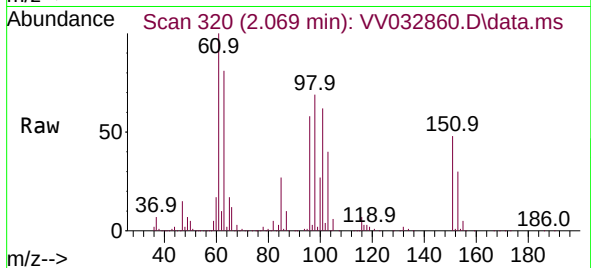
Tgt Ion:101 Resp: 222975
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5



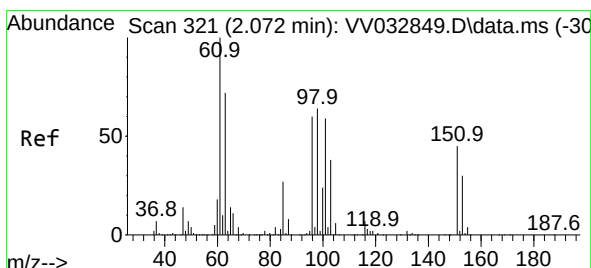
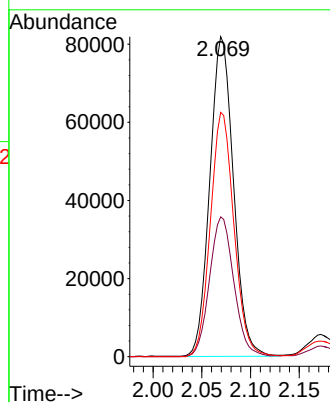
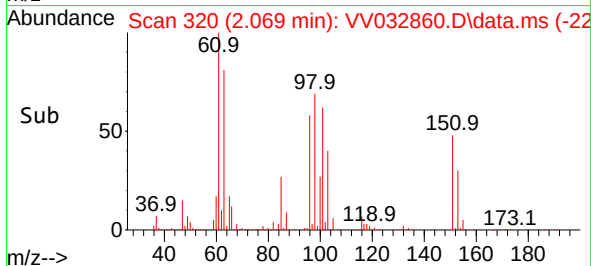


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.534 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV032860.D
 Acq: 07 Nov 2023 09:26

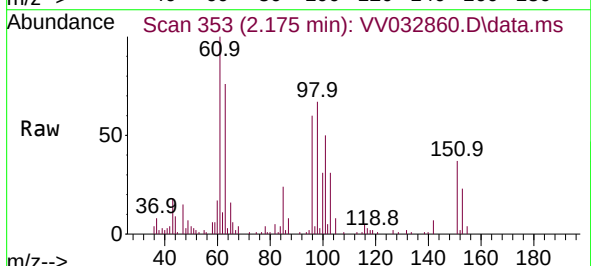
Instrument :
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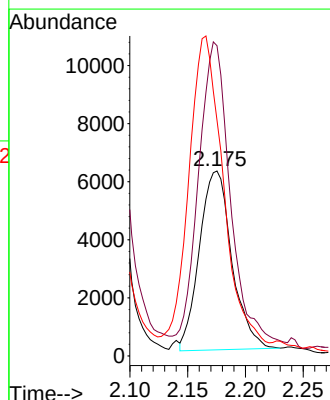
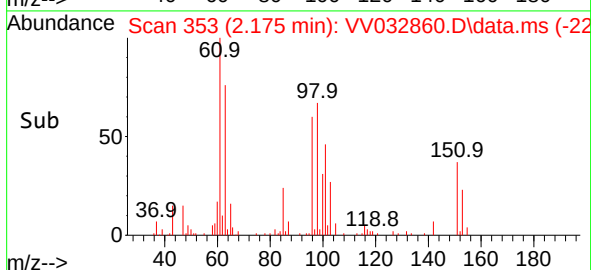
Tgt Ion:101 Resp: 138386
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.6 53.4
 151 76.2 59.9 89.9

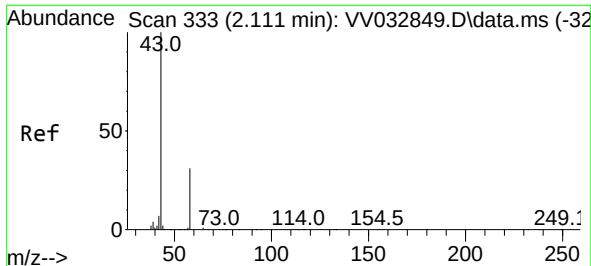


#12
 1,1-Dichloroethene
 Concen: 4.537 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. 0.103 min
 Lab File: VV032860.D
 Acq: 07 Nov 2023 09:26



Tgt Ion: 96 Resp: 12049
 Ion Ratio Lower Upper
 96 100
 61 167.7 124.2 230.6
 63 127.4 111.8 207.6





#13

Acetone

Concen: 66.458 ug/L

RT: 2.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

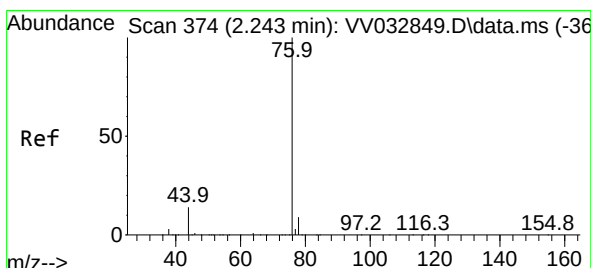
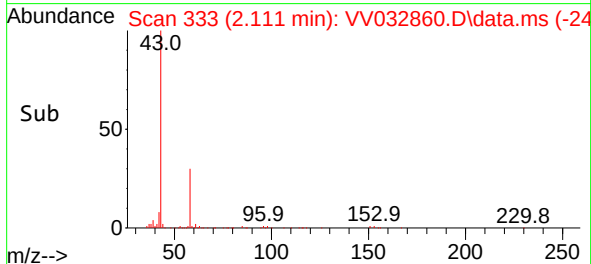
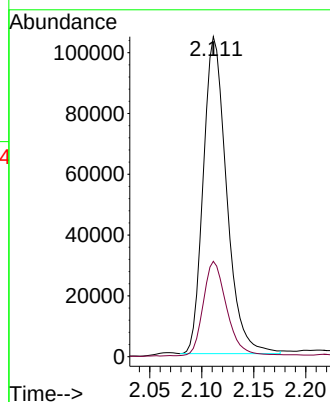
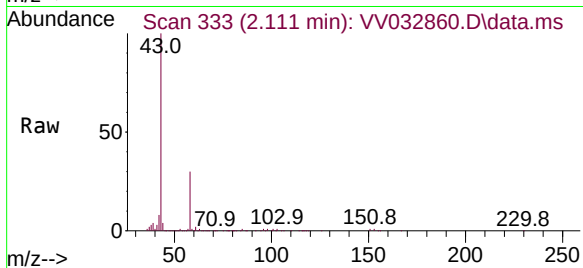
ClientSampleId :

Tgt Ion: 43 Resp: 162936

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.2



#14

Carbon disulfide

Concen: 42.047 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032860.D

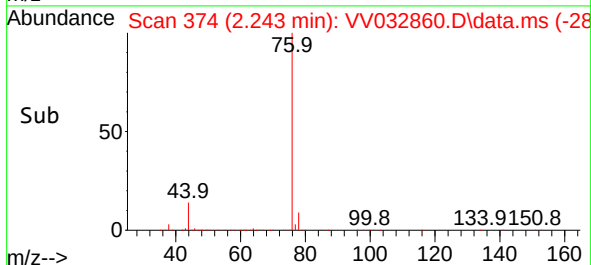
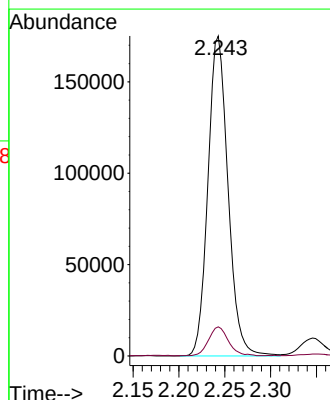
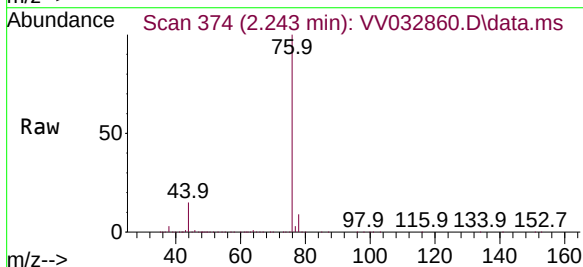
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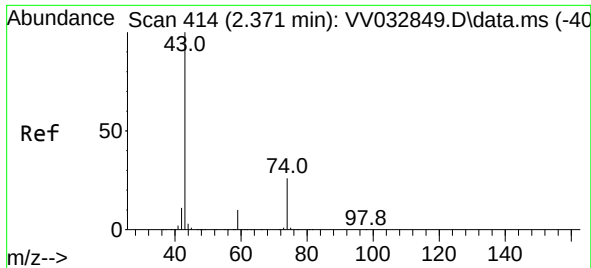
Tgt Ion: 76 Resp: 266534

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

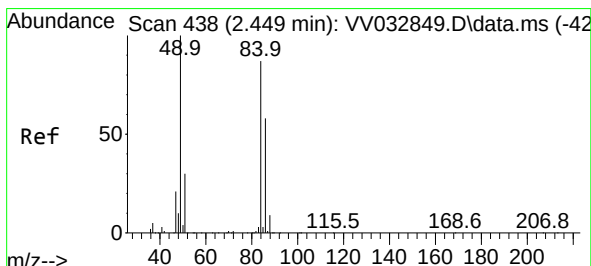
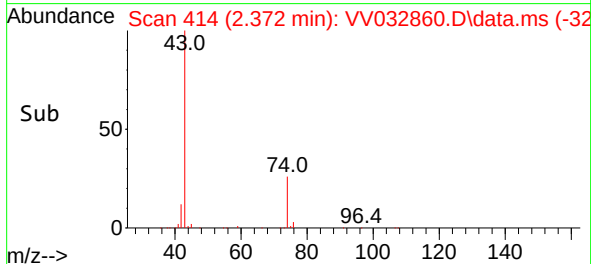
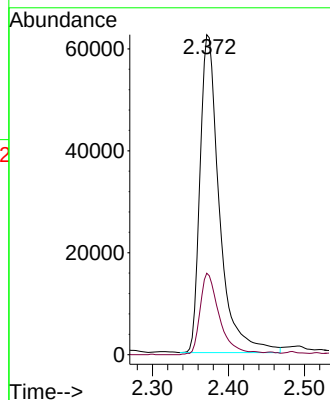
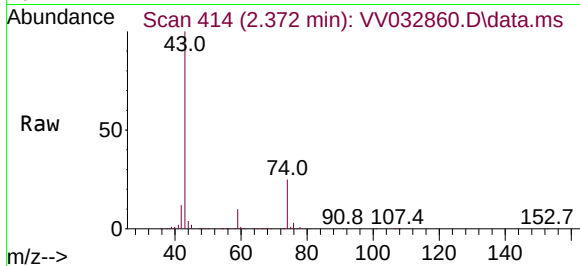




#15
Methyl Acetate
Concen: 44.446 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

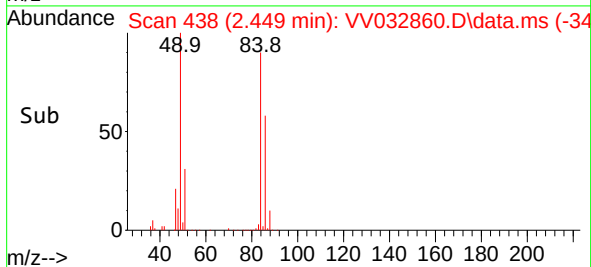
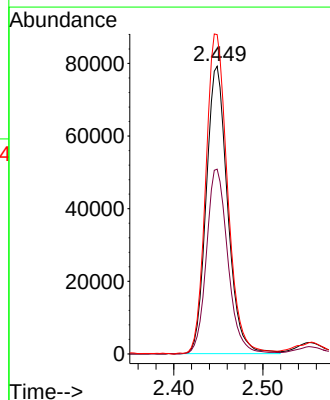
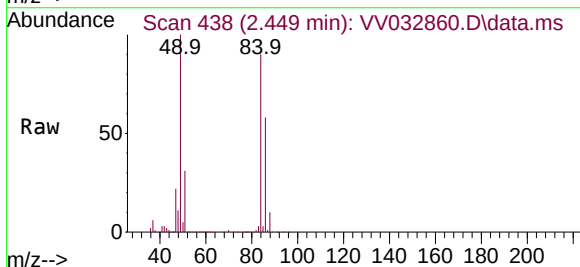
Instrument :
MSVOA_V
ClientSampleId :

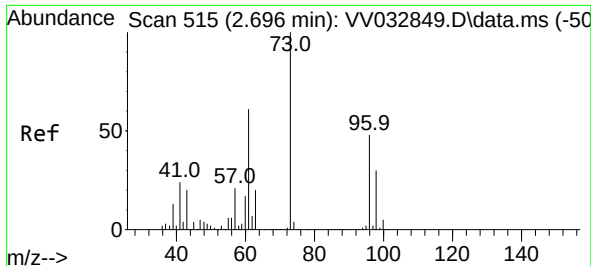
Tgt Ion: 43 Resp: 110486
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8



#16
Methylene chloride
Concen: 37.411 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

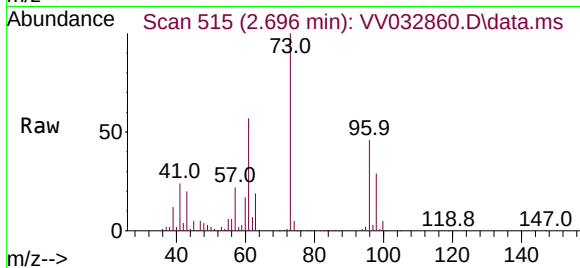
Tgt Ion: 84 Resp: 131772
Ion Ratio Lower Upper
84 100
86 64.2 45.0 83.6
49 111.0 81.2 150.8



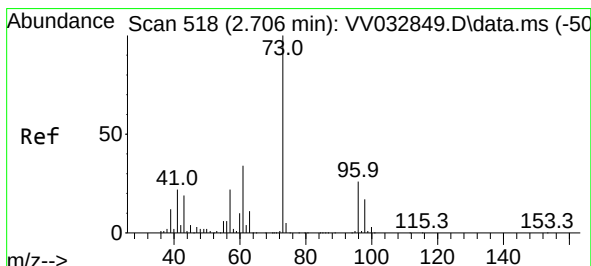
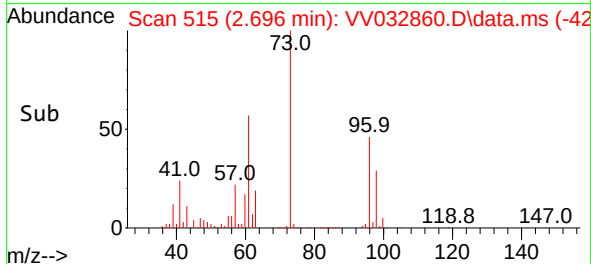
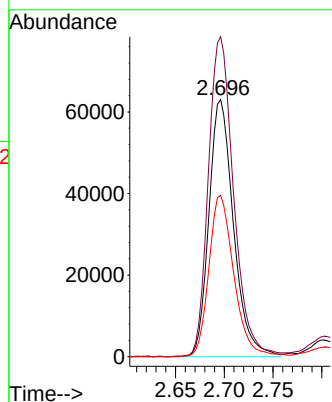


#17
trans-1,2-Dichloroethene
Concen: 43.677 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :

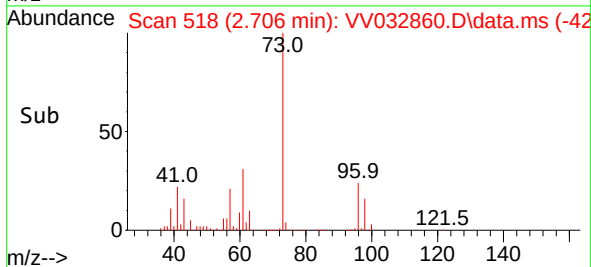
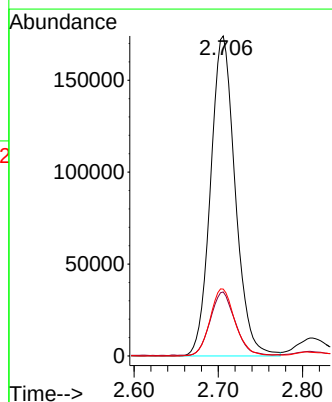
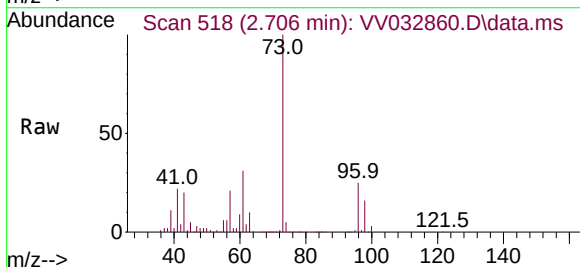


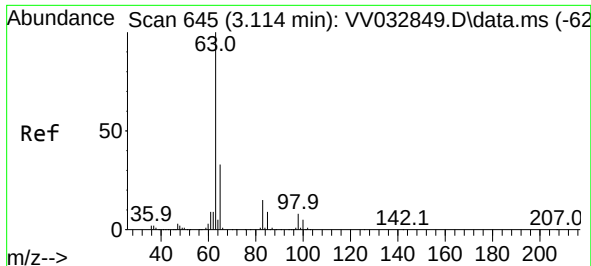
Tgt Ion: 96 Resp: 110701
Ion Ratio Lower Upper
96 100
61 124.5 86.9 161.3
98 62.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 47.228 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

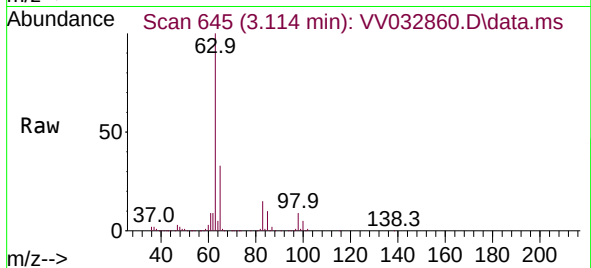
Tgt Ion: 73 Resp: 353499
Ion Ratio Lower Upper
73 100
43 19.7 16.1 24.1
57 21.0 17.4 26.0



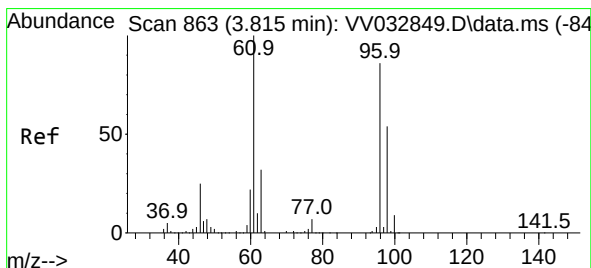
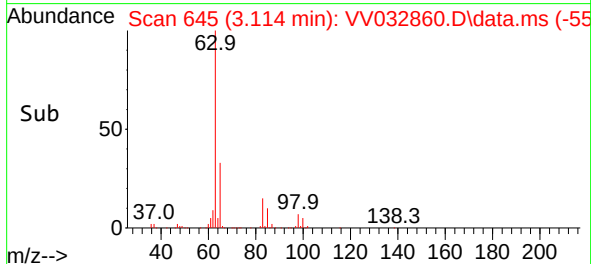
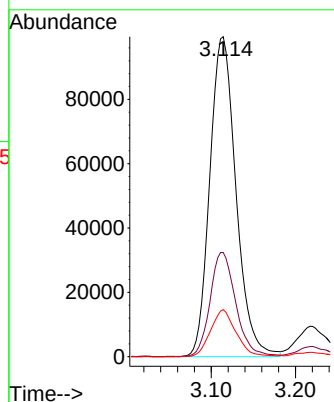


#19
 1,1-Dichloroethane
 Concen: 44.503 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV032860.D
 Acq: 07 Nov 2023 09:26

Instrument :
 MSVOA_V
 ClientSampleId :

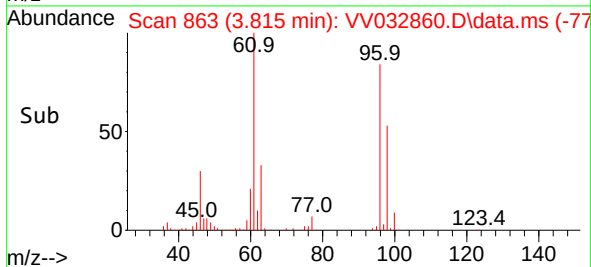
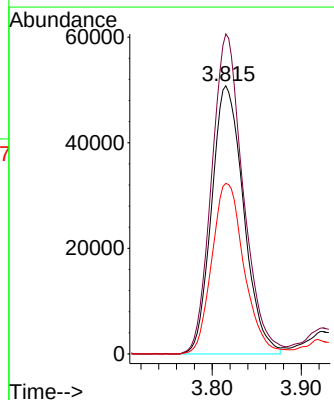
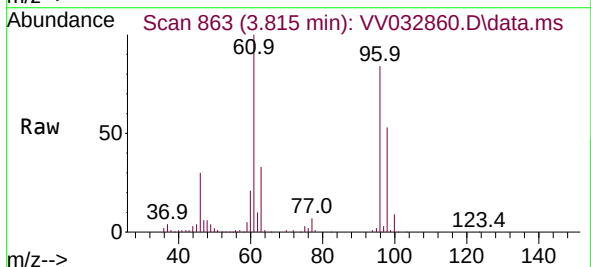


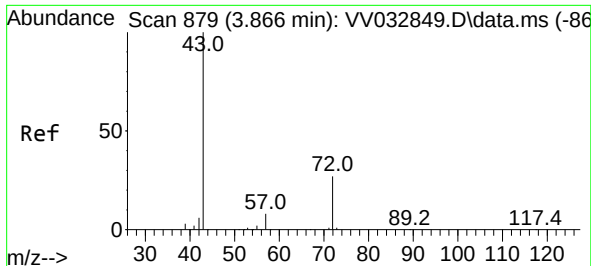
Tgt Ion: 63	Resp: 214952
Ion Ratio	Lower Upper
63 100	
65 32.5	22.3 41.5
83 14.7	10.1 18.7



#20
 cis-1,2-Dichloroethene
 Concen: 45.259 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV032860.D
 Acq: 07 Nov 2023 09:26

Tgt Ion: 96	Resp: 126686
Ion Ratio	Lower Upper
96 100	
61 119.4	83.3 154.7
98 63.6	44.2 82.2

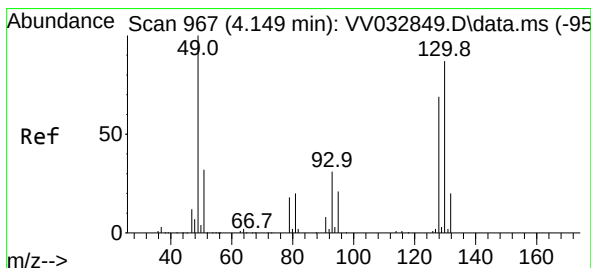
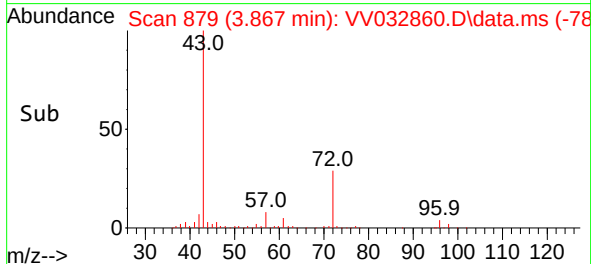
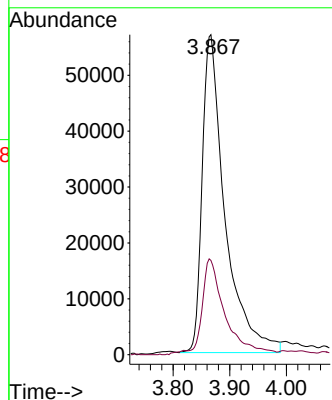
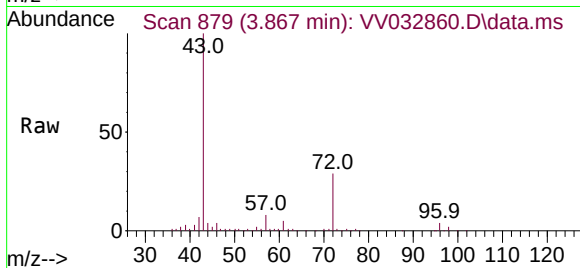




#22
2-Butanone
Concen: 76.431 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

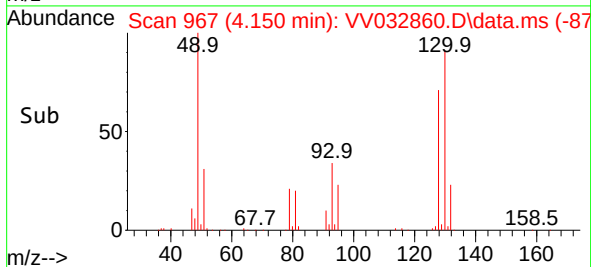
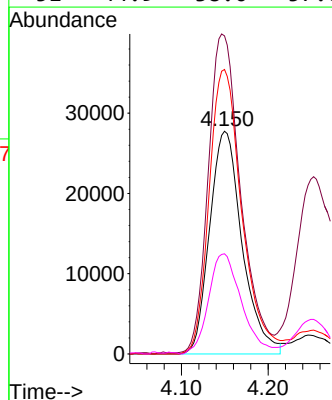
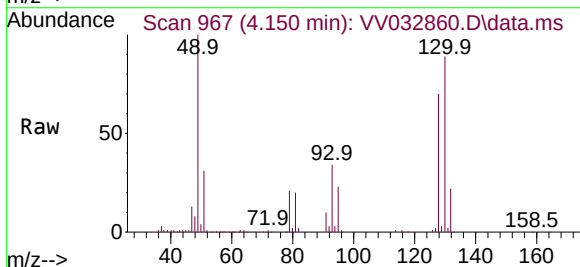
Instrument :
MSVOA_V
ClientSampleId :

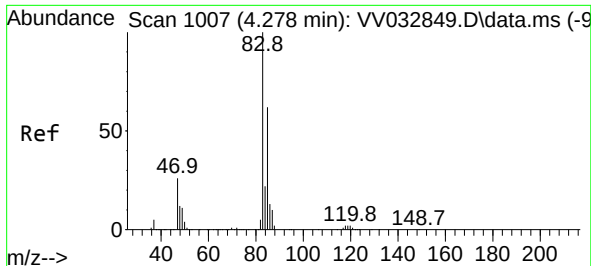
Tgt Ion: 43 Resp: 158915
Ion Ratio Lower Upper
43 100
72 27.9 13.5 40.4



#23
Bromochloromethane
Concen: 46.267 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion:128 Resp: 72284
Ion Ratio Lower Upper
128 100
49 142.7 101.0 187.6
130 127.7 88.5 164.4
51 44.9 38.0 57.0

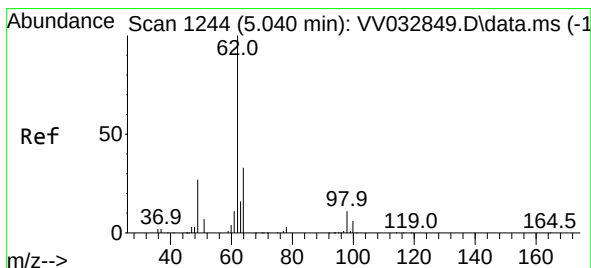
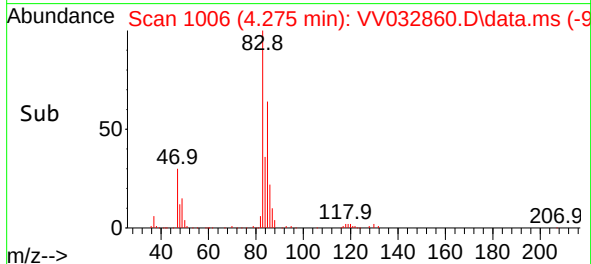
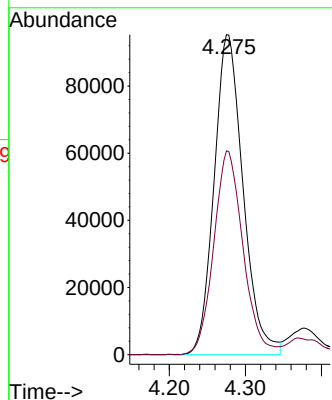
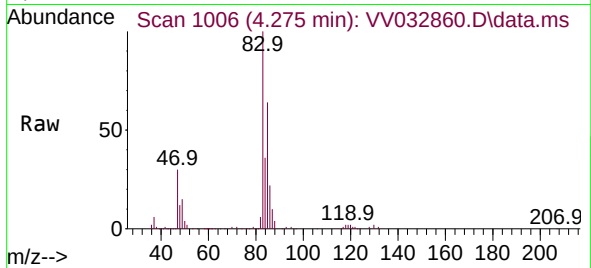




#25
Chloroform
Concen: 45.809 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

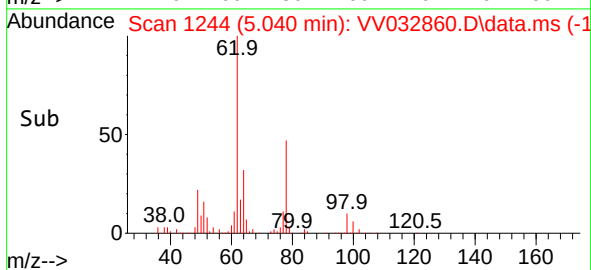
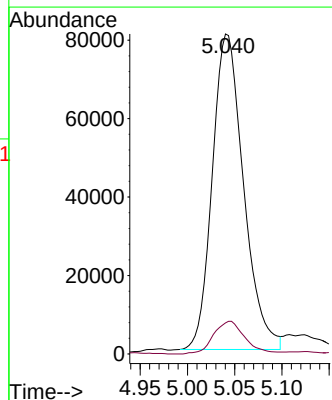
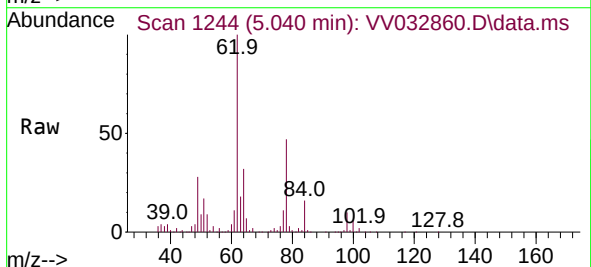
Instrument :
MSVOA_V
ClientSampleId :

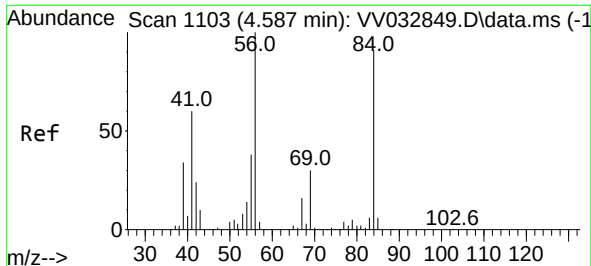
Tgt Ion: 83 Resp: 252182
Ion Ratio Lower Upper
83 100
85 63.7 46.2 85.8



#27
1,2-Dichloroethane
Concen: 46.665 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion: 62 Resp: 185137
Ion Ratio Lower Upper
62 100
98 9.7 7.5 11.3

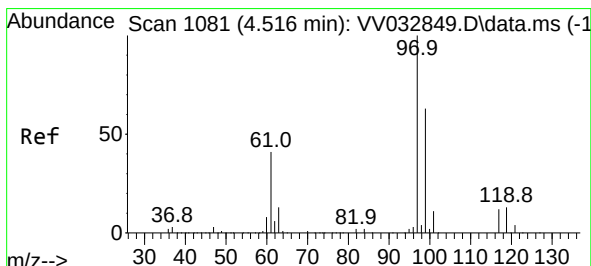
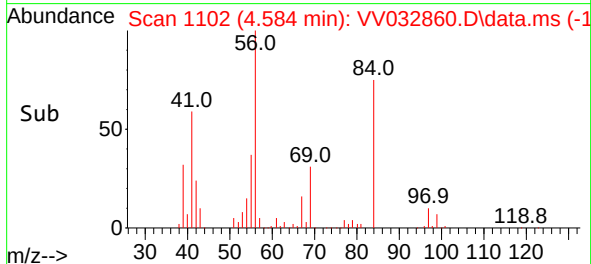
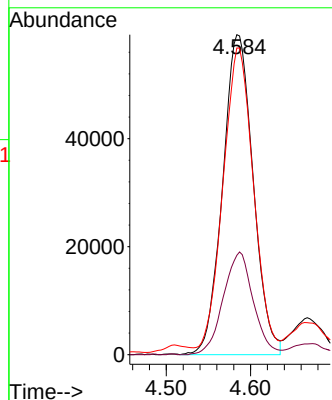
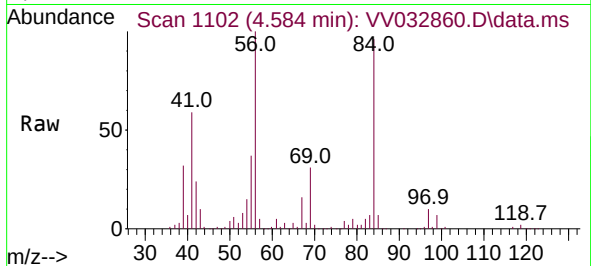




#29
Cyclohexane
Concen: 41.560 ug/L
RT: 4.584 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

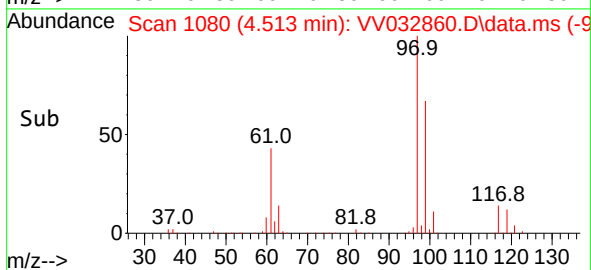
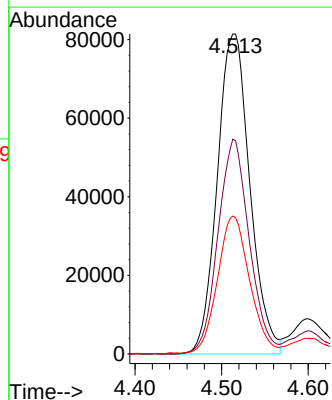
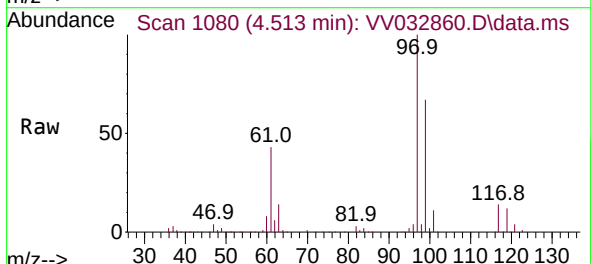
Instrument :
MSVOA_V
ClientSampleId :

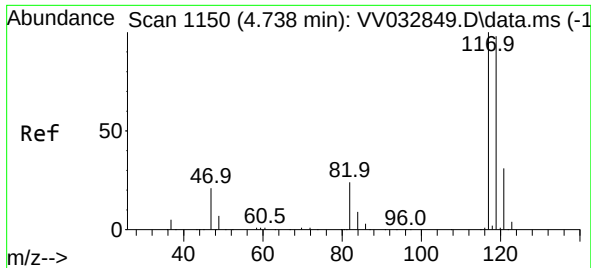
Tgt Ion: 56 Resp: 149221
Ion Ratio Lower Upper
56 100
69 31.5 13.4 20.0#
84 95.1 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 44.593 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion: 97 Resp: 213439
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 41.9 34.8 52.2

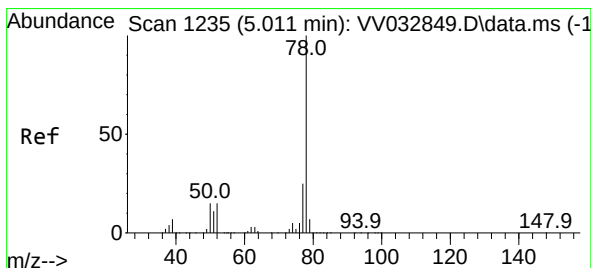
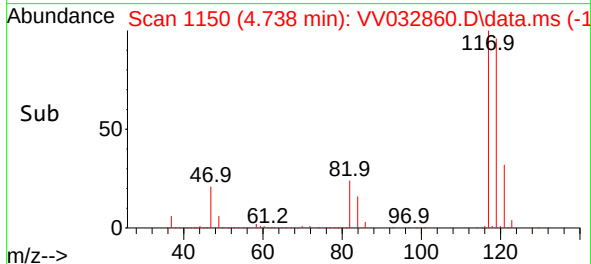
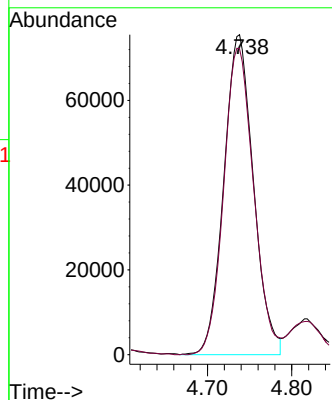
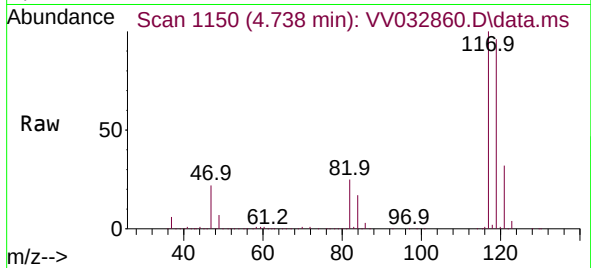




#31
Carbon tetrachloride
Concen: 43.566 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

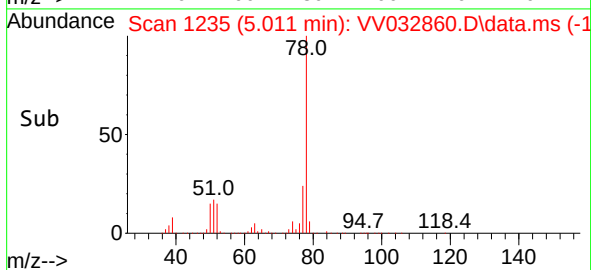
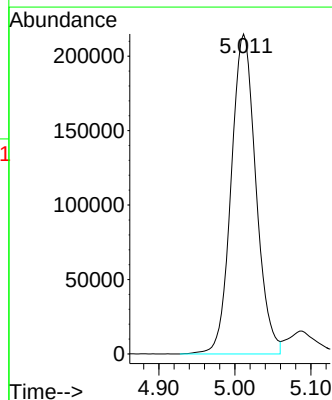
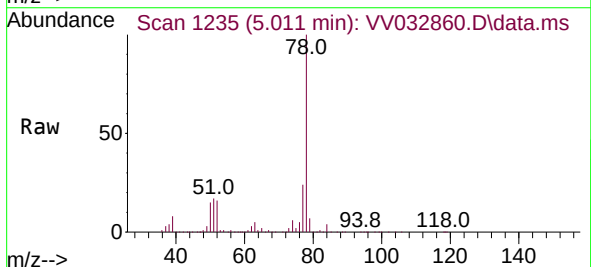
Instrument :
MSVOA_V
ClientSampleId :

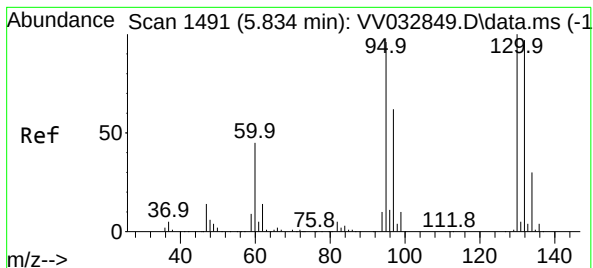
Tgt Ion:117 Resp: 184265
Ion Ratio Lower Upper
117 100
119 97.4 76.6 115.0



#33
Benzene
Concen: 45.881 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion: 78 Resp: 486040





#34

Trichloroethene

Concen: 44.164 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 130237

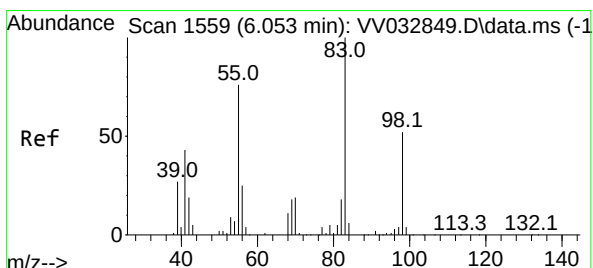
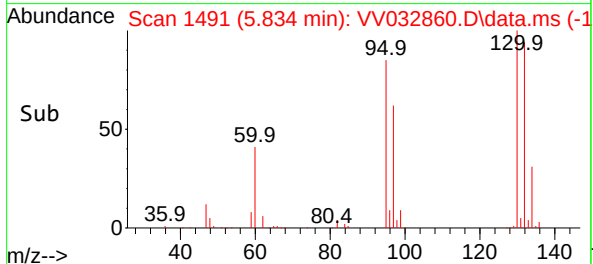
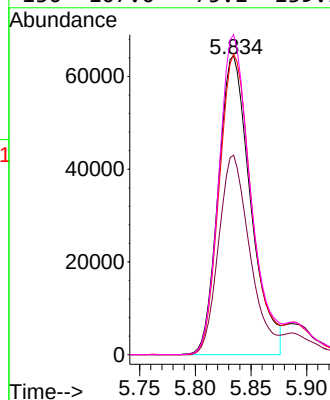
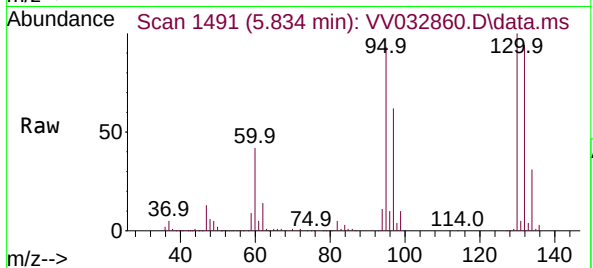
Ion Ratio Lower Upper

95 100

97 66.7 46.3 85.9

132 100.5 69.0 128.2

130 107.0 75.1 139.5



#35

Methylcyclohexane

Concen: 35.876 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

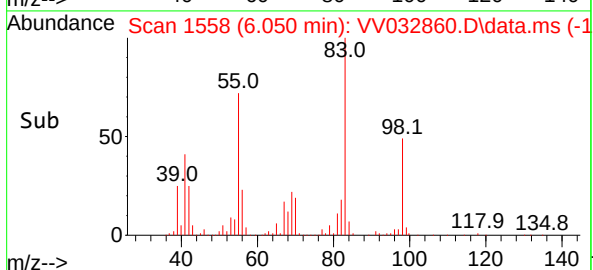
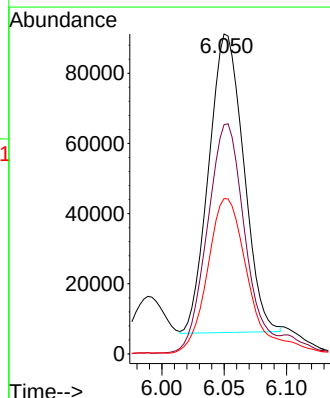
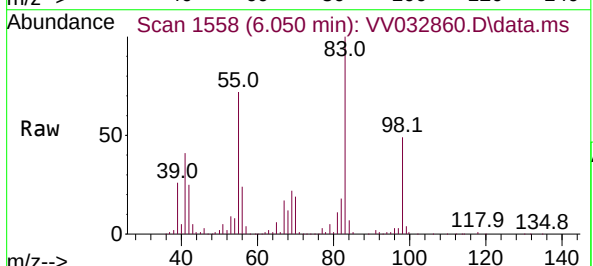
Tgt Ion: 83 Resp: 165543

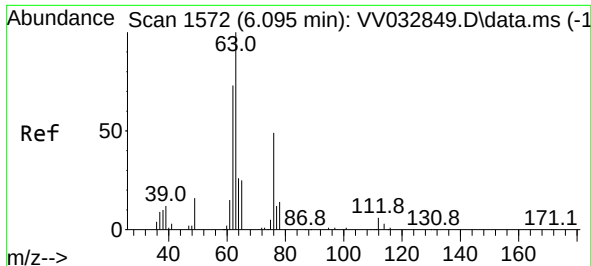
Ion Ratio Lower Upper

83 100

55 83.4 57.8 86.8

98 61.6 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 49.489 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

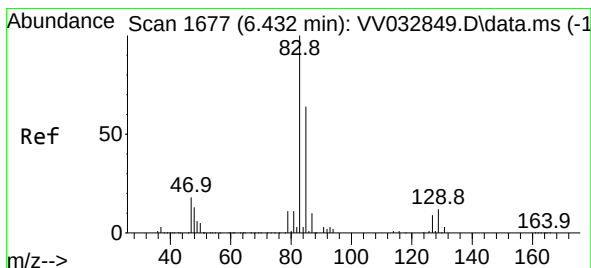
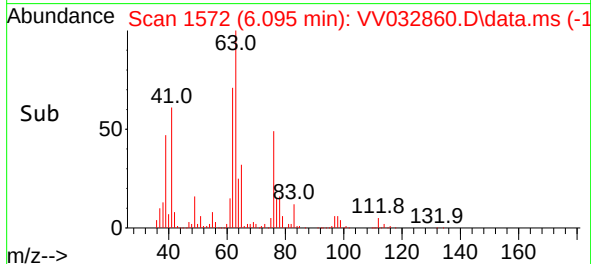
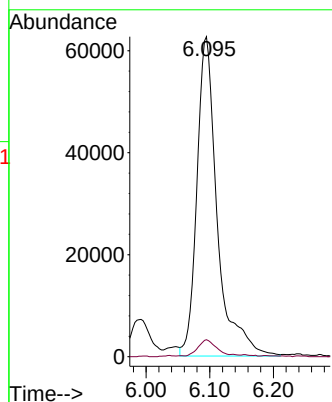
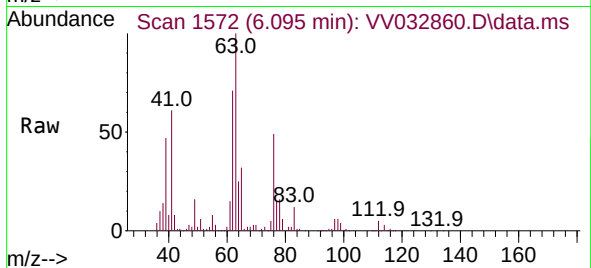
ClientSampleId :

Tgt Ion: 63 Resp: 139164

Ion Ratio Lower Upper

63 100

112 4.4 4.1 6.1



#38

Bromodichloromethane

Concen: 45.150 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

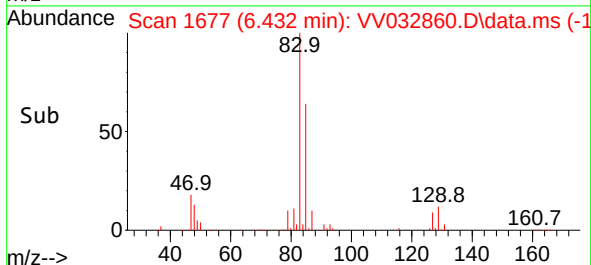
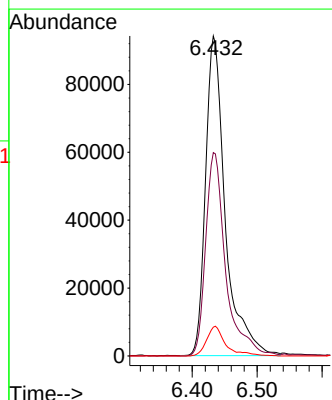
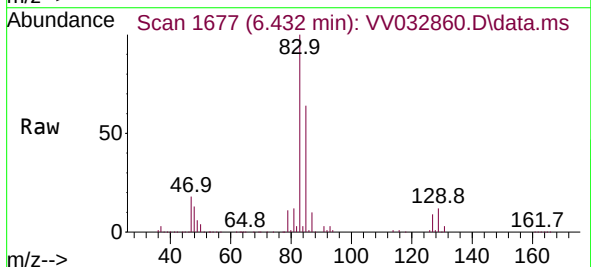
Tgt Ion: 83 Resp: 199179

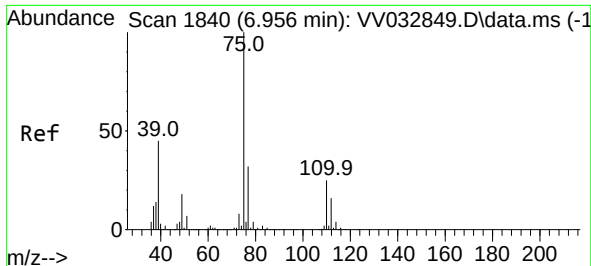
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.9

127 9.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 49.893 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

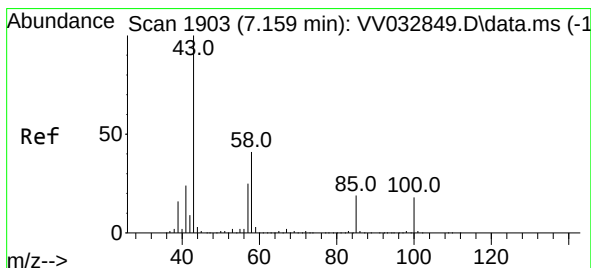
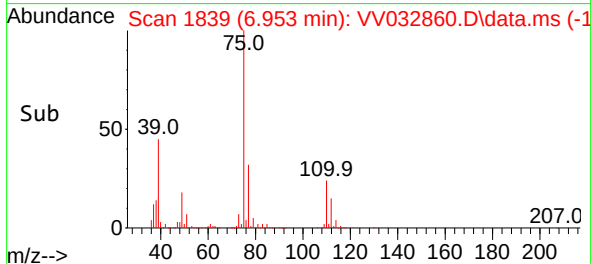
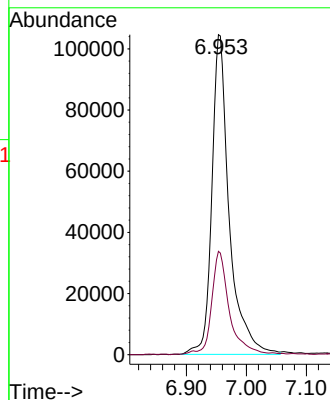
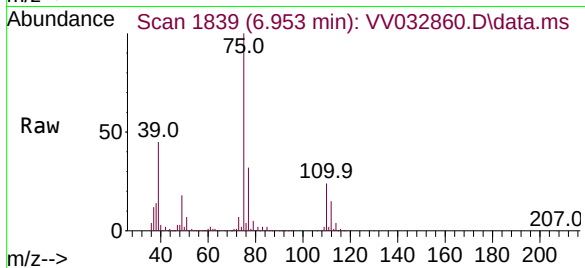
ClientSampleId :

Tgt Ion: 75 Resp: 210477

Ion Ratio Lower Upper

75 100

77 32.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 93.882 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

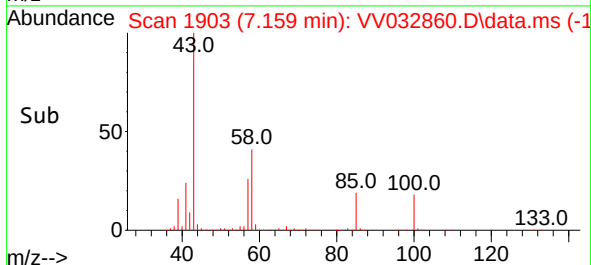
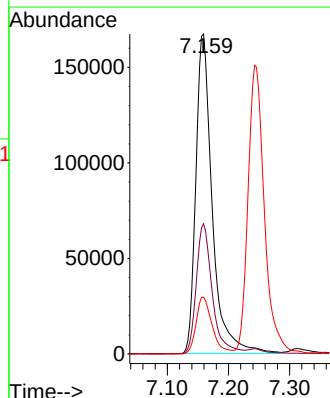
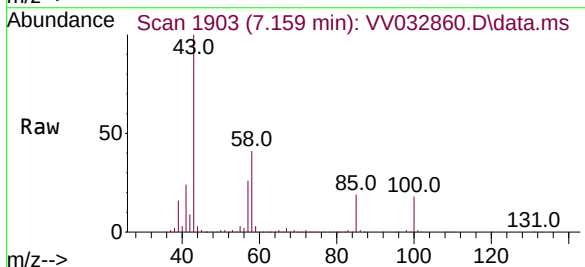
Tgt Ion: 43 Resp: 312865

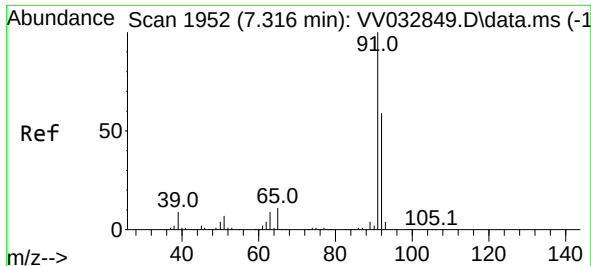
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.0

100 17.4 13.3 19.9





#42

Toluene

Concen: 47.763 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

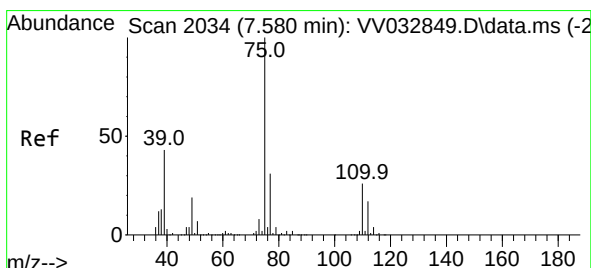
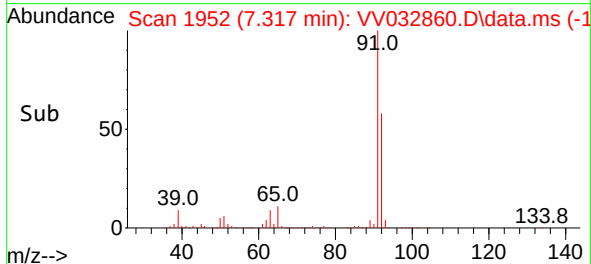
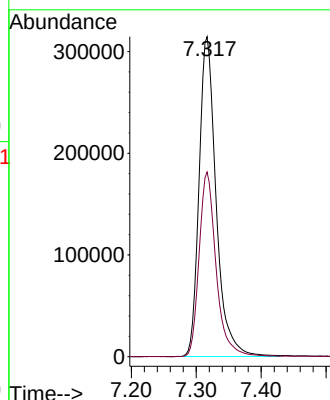
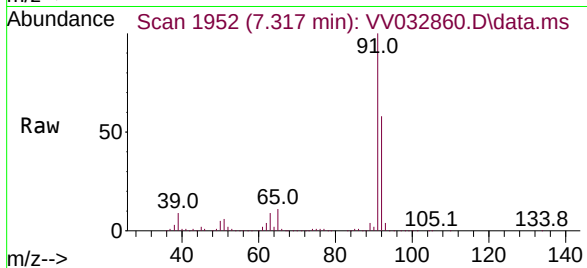
ClientSampleId :

Tgt Ion: 91 Resp: 576212

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 47.580 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV032860.D

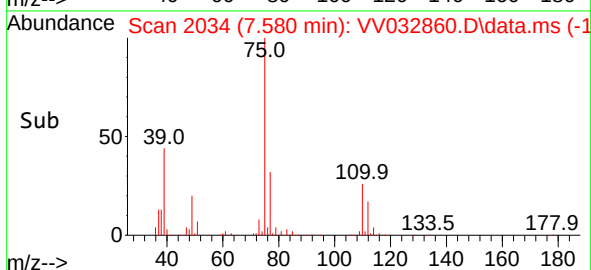
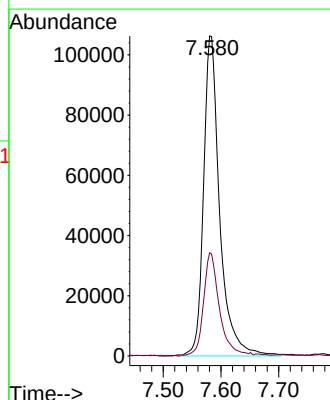
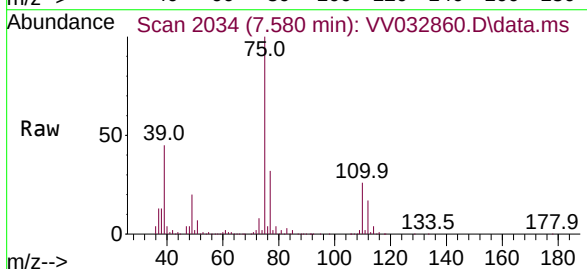
Acq: 07 Nov 2023 09:26

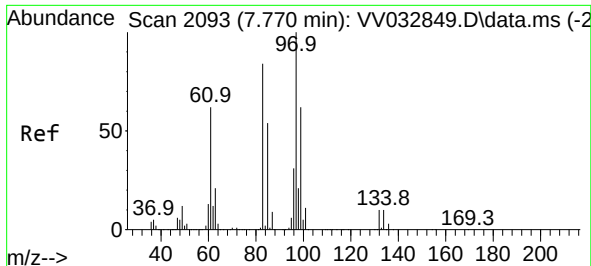
Tgt Ion: 75 Resp: 206168

Ion Ratio Lower Upper

75 100

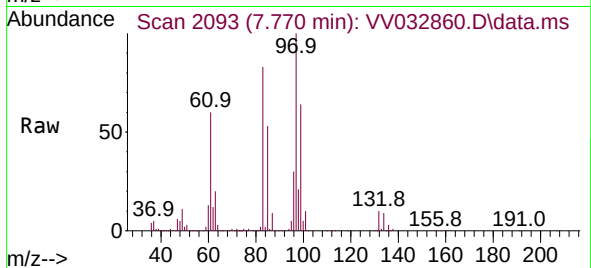
77 32.3 22.0 40.8



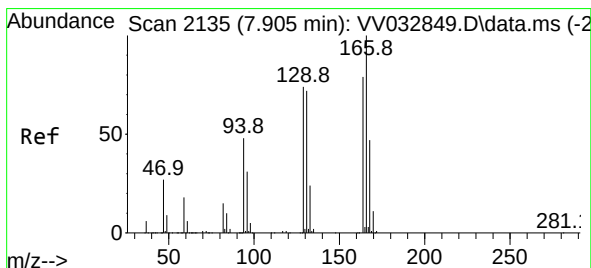
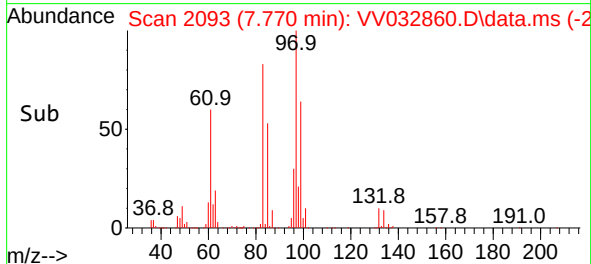
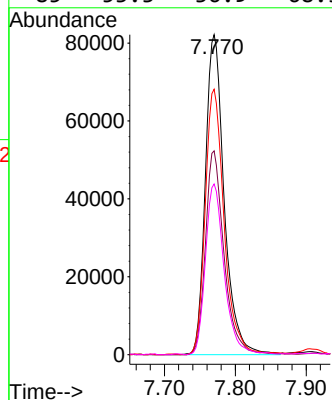


#45
1,1,2-Trichloroethane
Concen: 47.029 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :

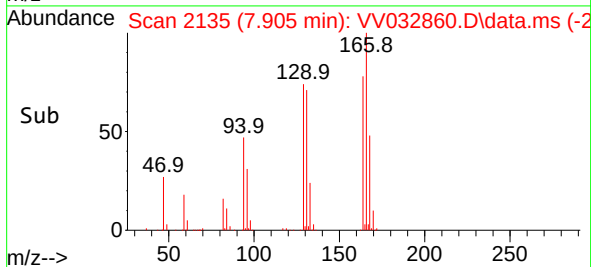
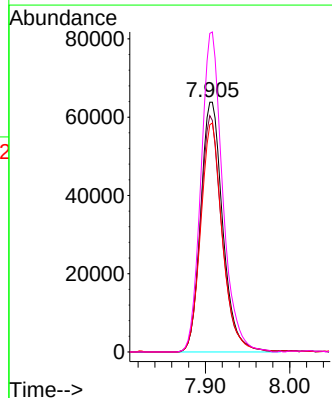
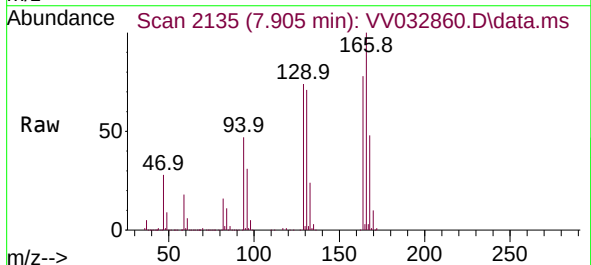


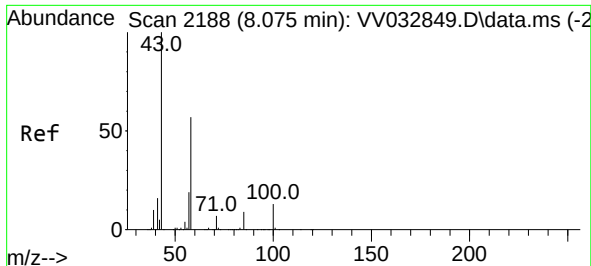
Tgt Ion:	97	Resp:	151687
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.8	79.6
83	83.0	58.4	108.4
85	53.3	36.9	68.5



#46
Tetrachloroethene
Concen: 43.906 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion:	164	Resp:	116824
Ion	Ratio	Lower	Upper
164	100		
129	94.6	65.3	121.3
131	91.0	65.0	120.8
166	127.5	87.8	163.2



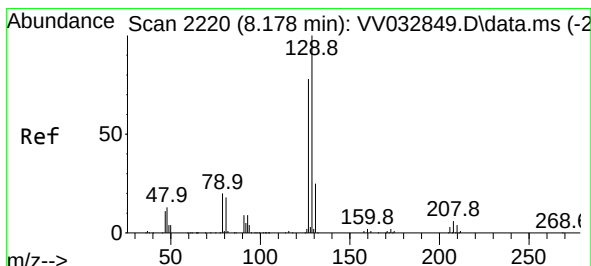
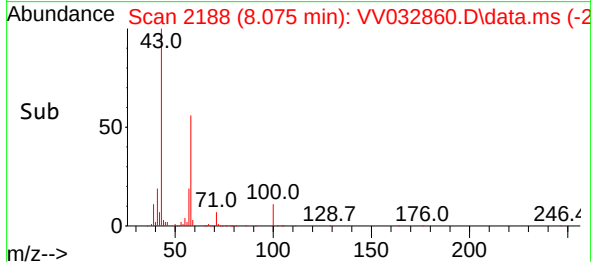
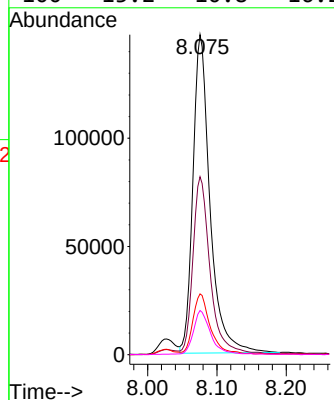
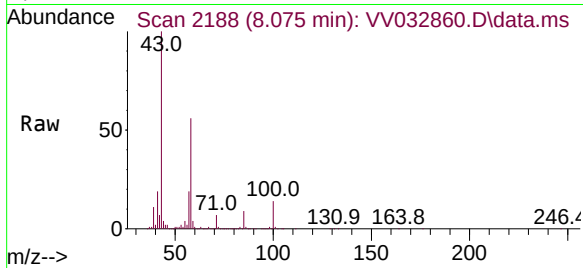


#48
2-Hexanone
Concen: 84.531 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 252753

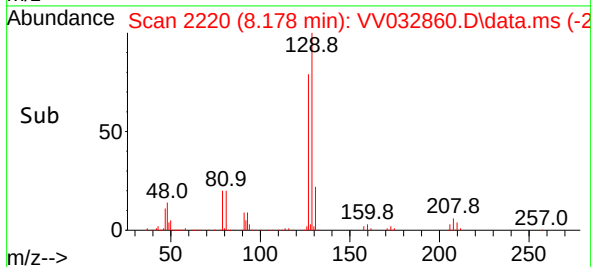
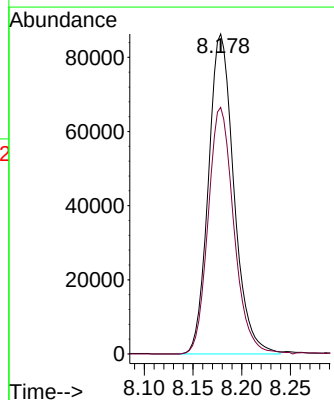
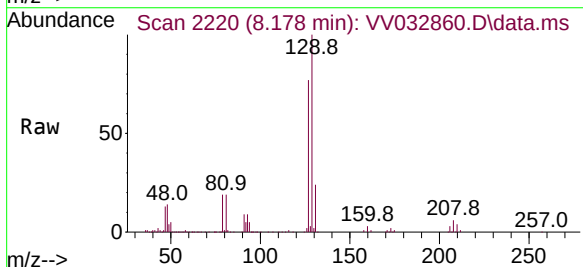
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.3	64.9
57	19.2	15.5	23.3
100	13.2	10.8	16.2

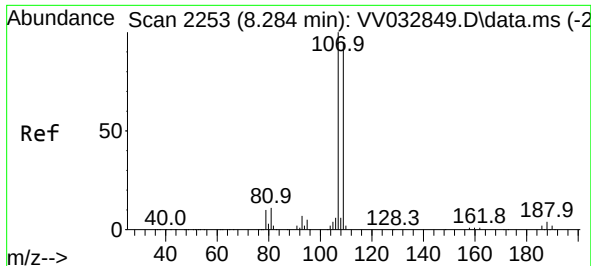


#49
Dibromochloromethane
Concen: 46.648 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion: 129 Resp: 157302

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.7	101.5





#50

1,2-Dibromoethane

Concen: 47.000 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

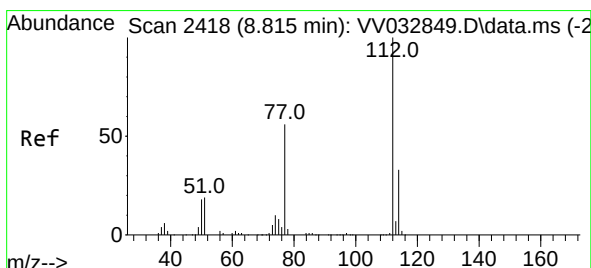
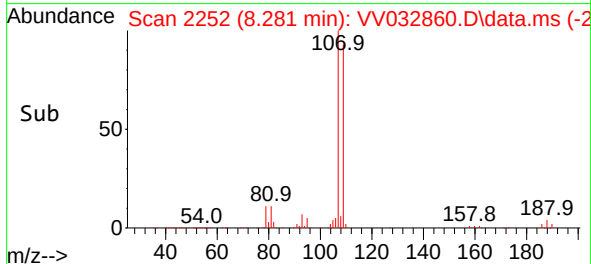
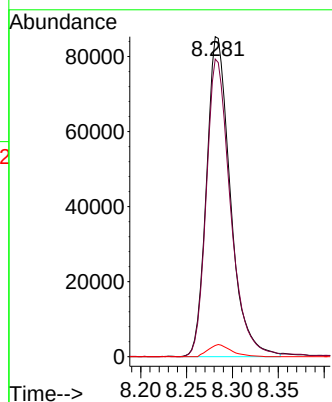
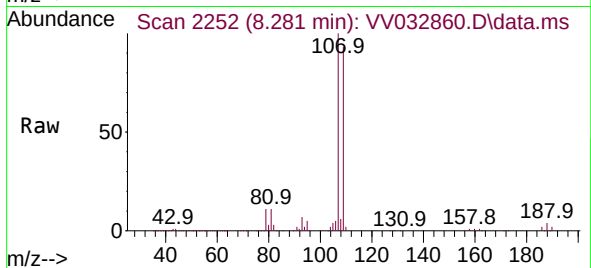
Tgt Ion:107 Resp: 154441

Ion Ratio Lower Upper

107 100

109 93.0 66.4 123.2

188 3.5 3.0 4.6



#51

Chlorobenzene

Concen: 45.532 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

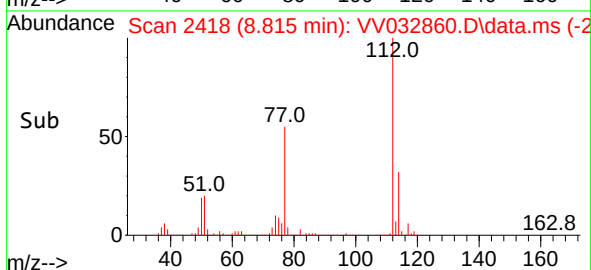
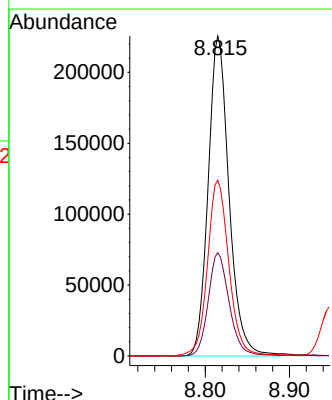
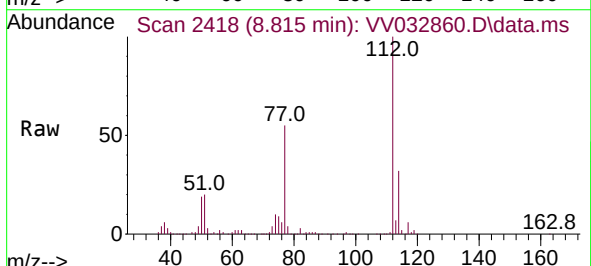
Tgt Ion:112 Resp: 388878

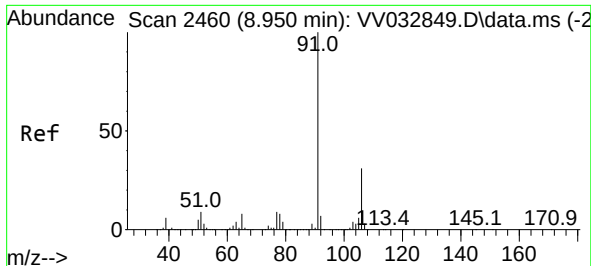
Ion Ratio Lower Upper

112 100

114 32.3 21.6 40.2

77 54.9 44.4 66.6





#52

Ethylbenzene

Concen: 47.278 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

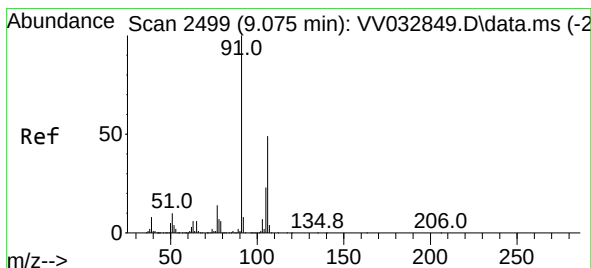
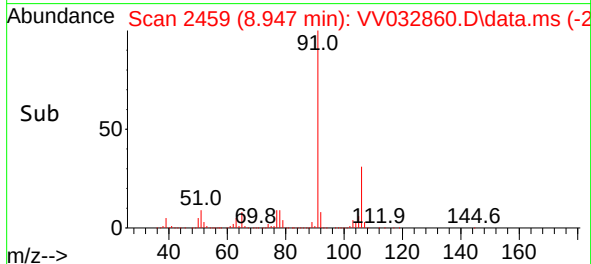
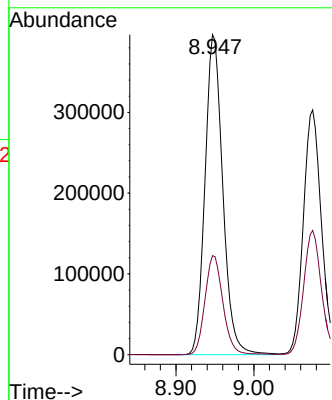
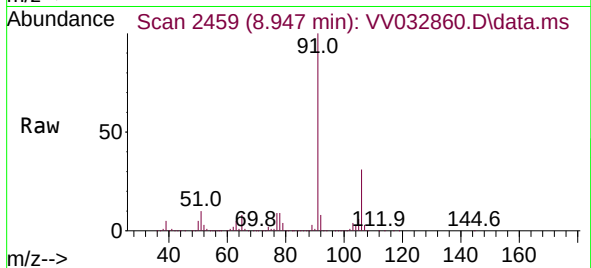
ClientSampleId :

Tgt Ion: 91 Resp: 629163

Ion Ratio Lower Upper

91 100

106 30.9 21.7 40.3



#53

m,p-Xylene

Concen: 48.535 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032860.D

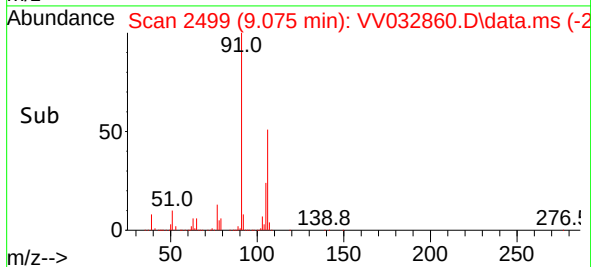
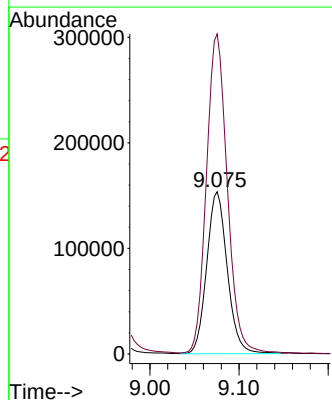
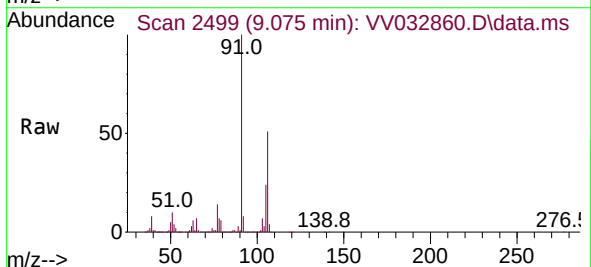
Acq: 07 Nov 2023 09:26

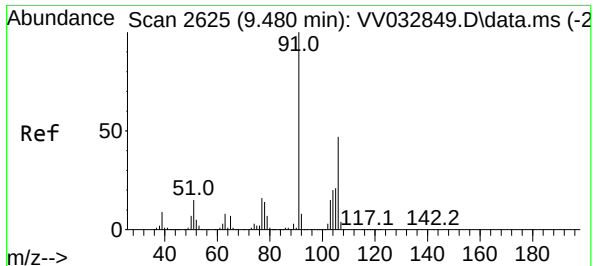
Tgt Ion:106 Resp: 245820

Ion Ratio Lower Upper

106 100

91 197.2 139.7 259.5





#54

o-Xylene

Concen: 47.962 ug/L

RT: 9.481 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

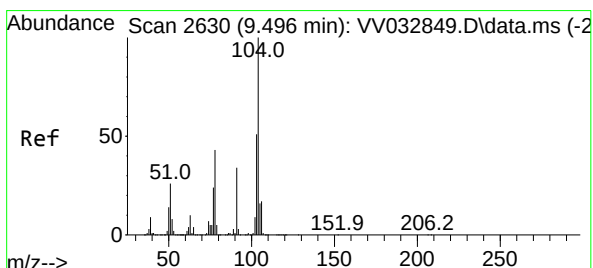
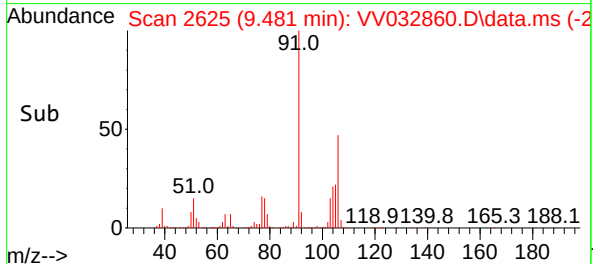
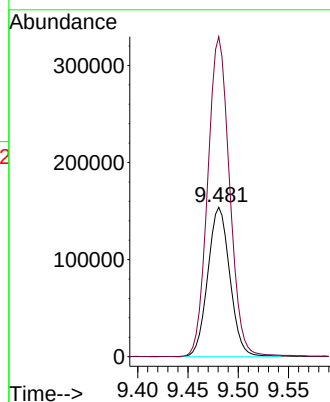
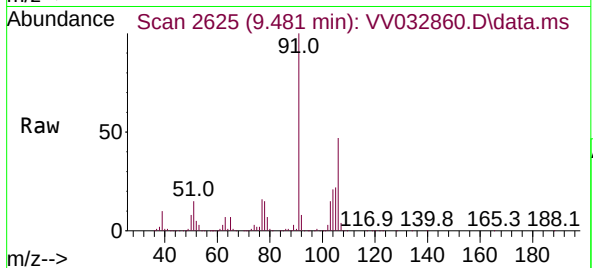
ClientSampleId :

Tgt Ion:106 Resp: 235332

Ion Ratio Lower Upper

106 100

91 214.2 151.0 280.4



#55

Styrene

Concen: 51.069 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV032860.D

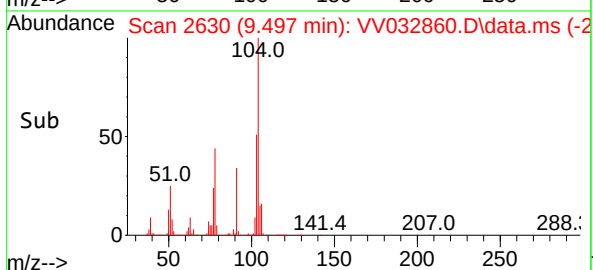
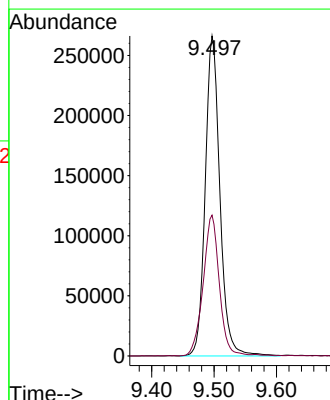
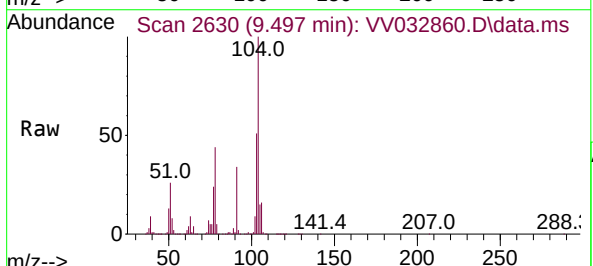
Acq: 07 Nov 2023 09:26

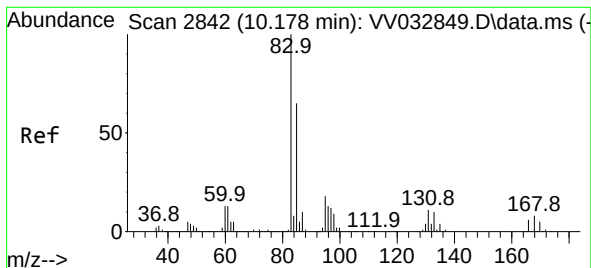
Tgt Ion:104 Resp: 436688

Ion Ratio Lower Upper

104 100

78 44.0 30.1 55.9

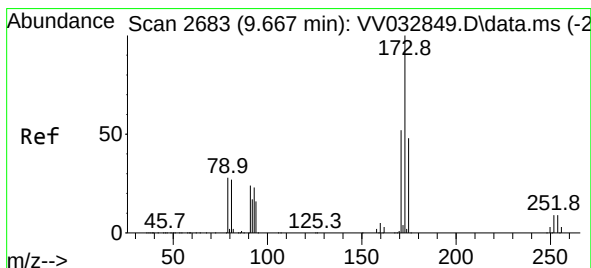
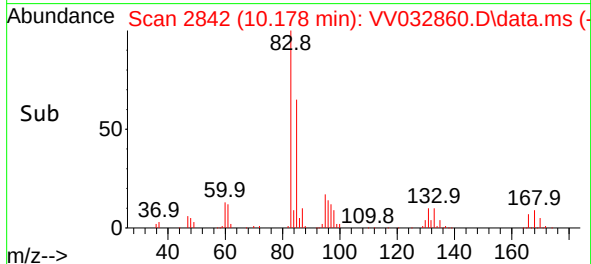
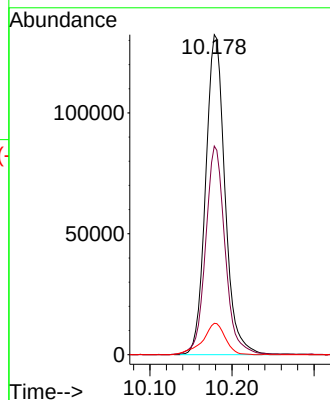
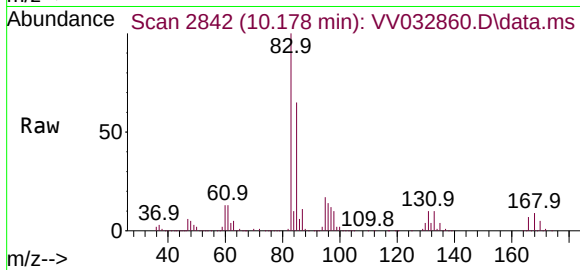




#57
1,1,2,2-Tetrachloroethane
Concen: 44.899 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

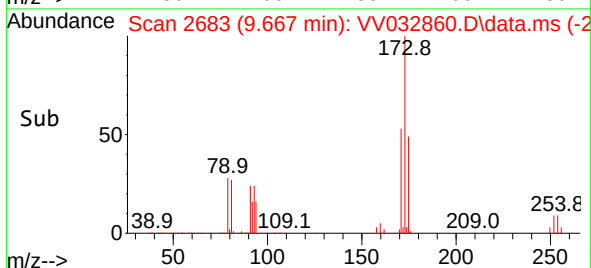
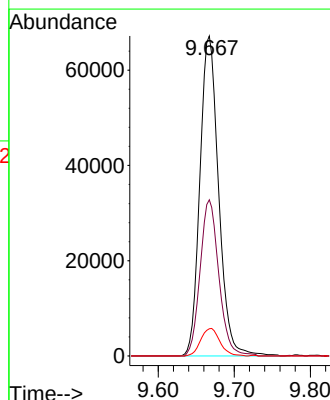
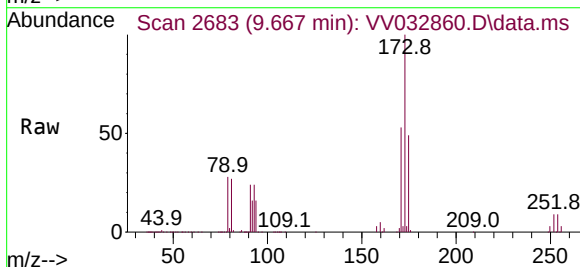
Instrument :
MSVOA_V
ClientSampleId :

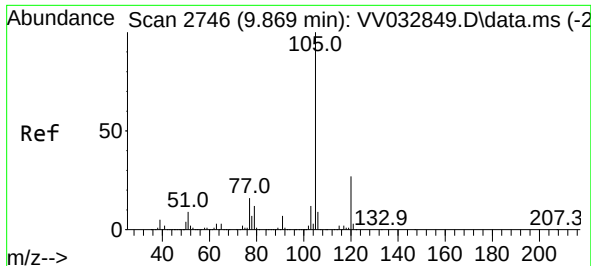
Tgt Ion: 83 Resp: 216895
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.3
131 9.8 7.8 11.6



#59
Bromoform
Concen: 45.027 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

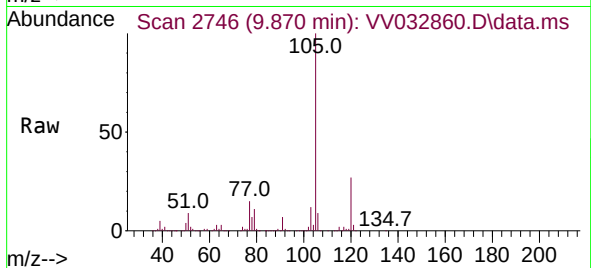
Tgt Ion: 173 Resp: 114857
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
254 8.8 7.0 10.6



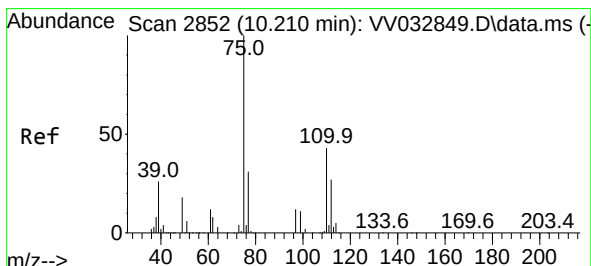
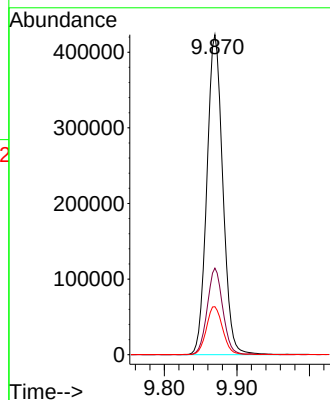
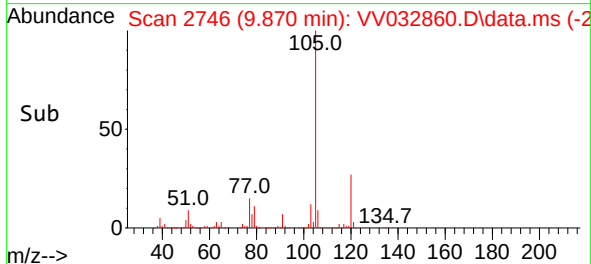


#60
Isopropylbenzene
Concen: 46.776 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

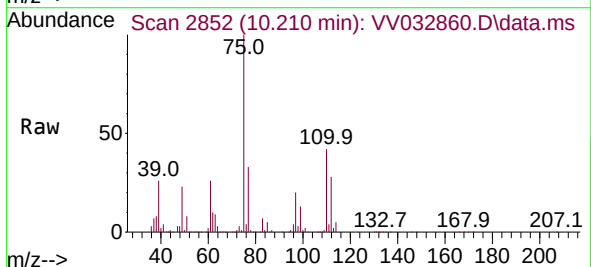
Instrument :
MSVOA_V
ClientSampleId :



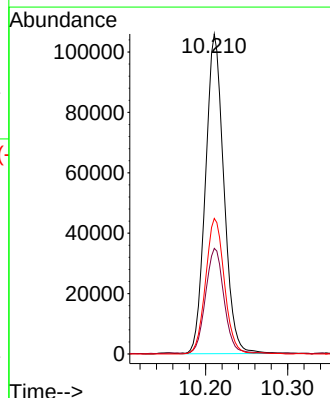
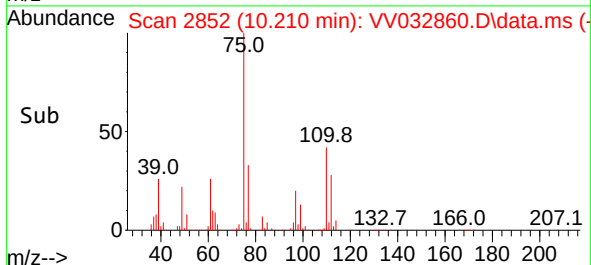
Tgt Ion:105 Resp: 645384
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.3 12.6 19.0

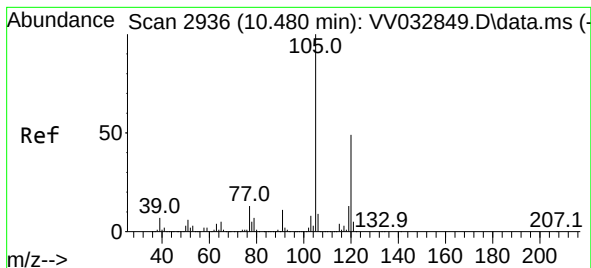


#61
1,2,3-Trichloropropane
Concen: 43.372 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26



Tgt Ion: 75 Resp: 164820
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 43.2 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 47.810 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

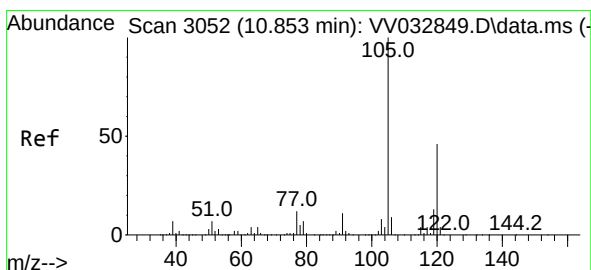
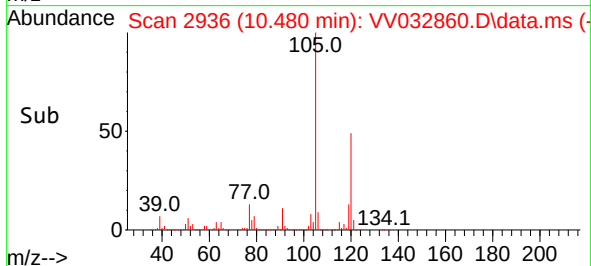
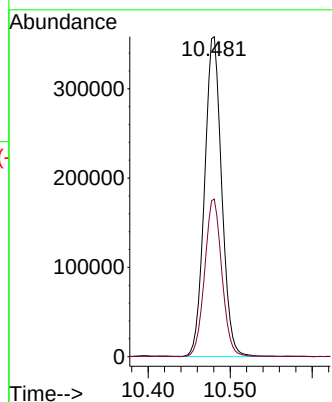
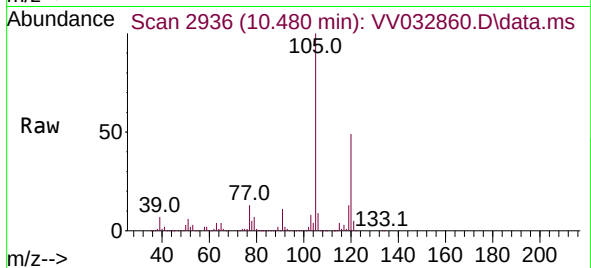
ClientSampleId :

Tgt Ion:105 Resp: 519082

Ion Ratio Lower Upper

105 100

120 49.7 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 48.668 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032860.D

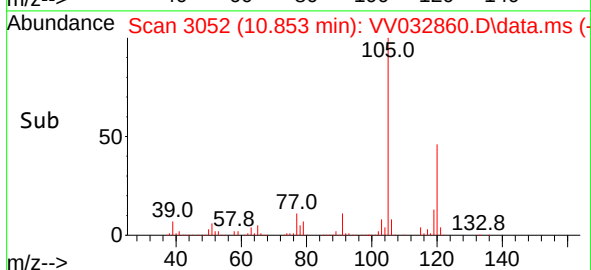
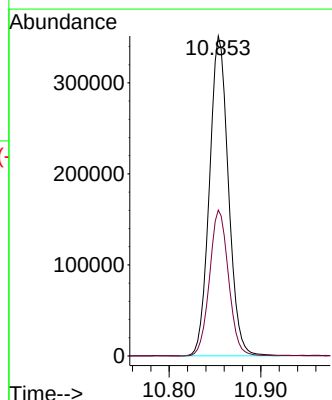
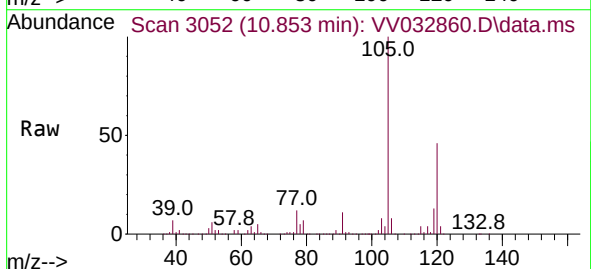
Acq: 07 Nov 2023 09:26

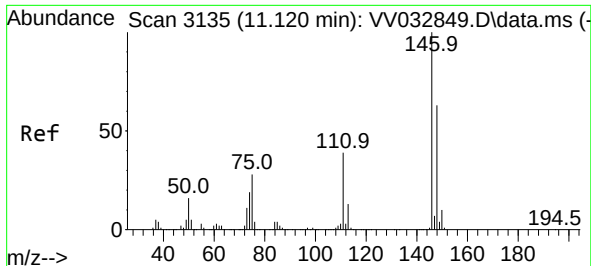
Tgt Ion:105 Resp: 505456

Ion Ratio Lower Upper

105 100

120 45.7 37.0 55.6

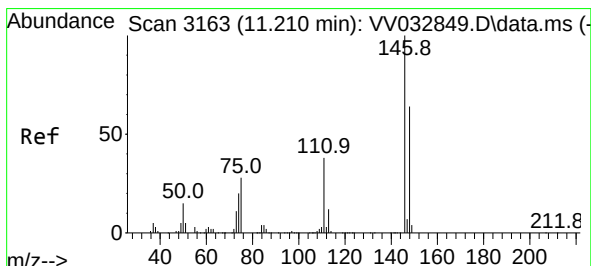
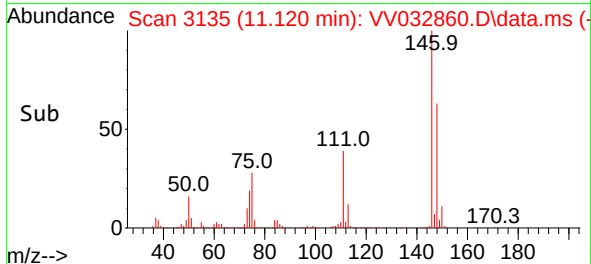
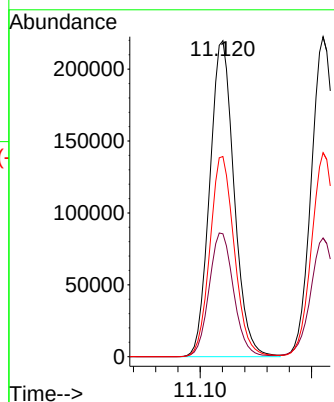
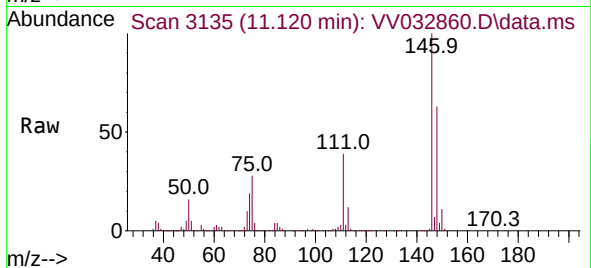




#64
1,3-Dichlorobenzene
Concen: 46.459 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

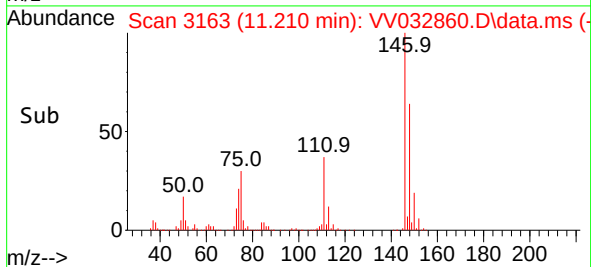
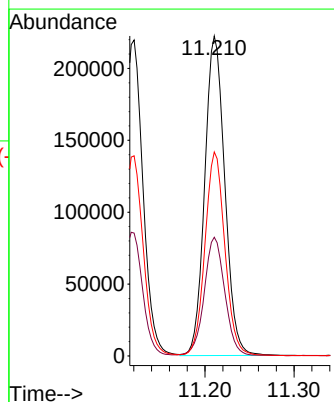
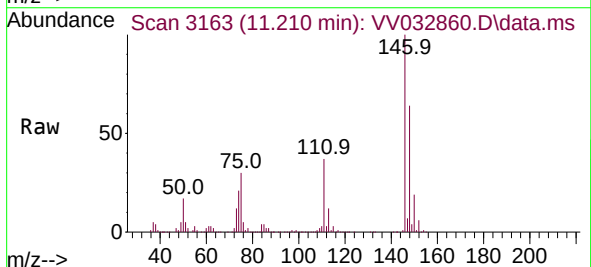
Instrument :
MSVOA_V
ClientSampleId :

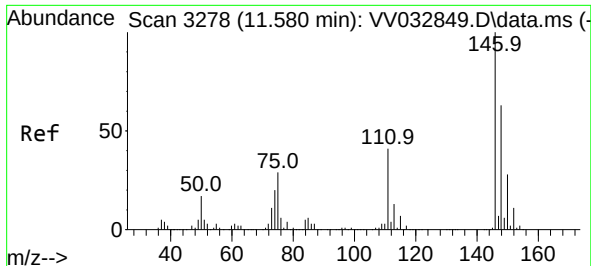
Tgt Ion:146 Resp: 333940
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.4
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 45.852 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032860.D
Acq: 07 Nov 2023 09:26

Tgt Ion:146 Resp: 347746
Ion Ratio Lower Upper
146 100
111 37.1 26.5 49.1
148 63.7 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 45.750 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

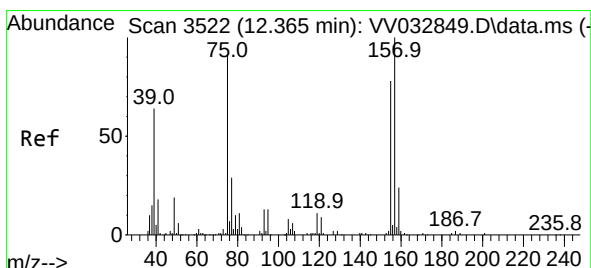
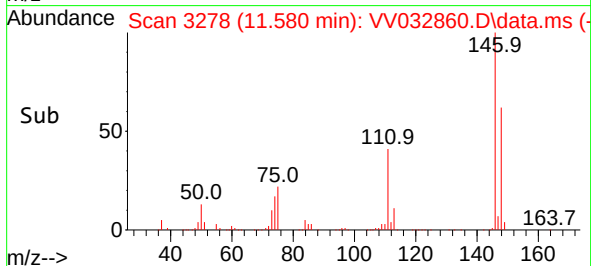
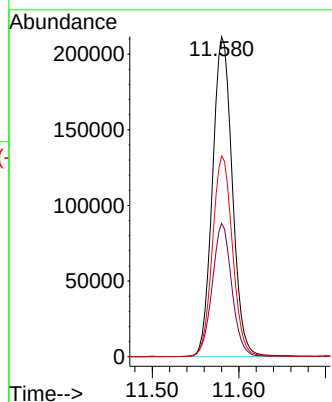
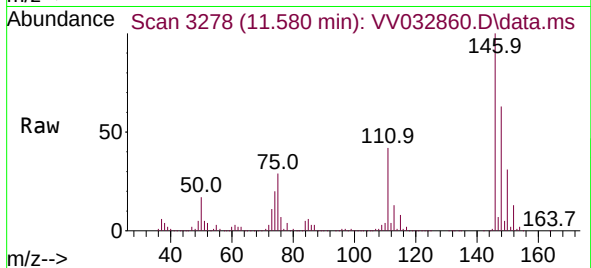
Tgt Ion:146 Resp: 335713

Ion Ratio Lower Upper

146 100

111 41.7 32.5 48.7

148 62.7 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.588 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

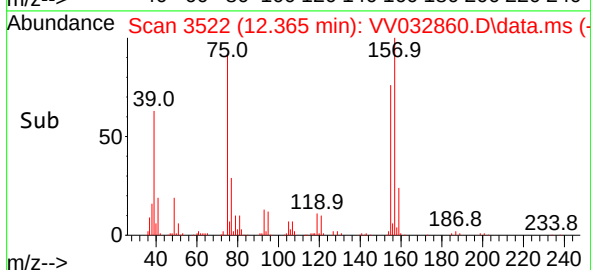
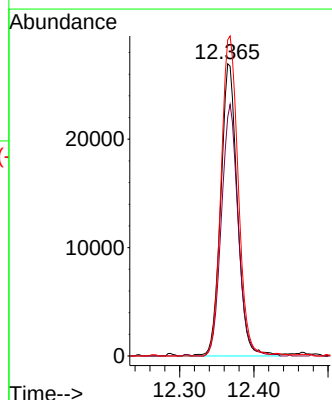
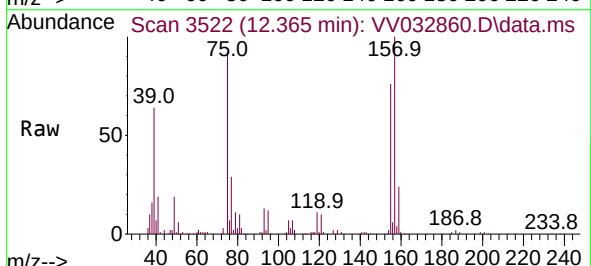
Tgt Ion: 75 Resp: 42120

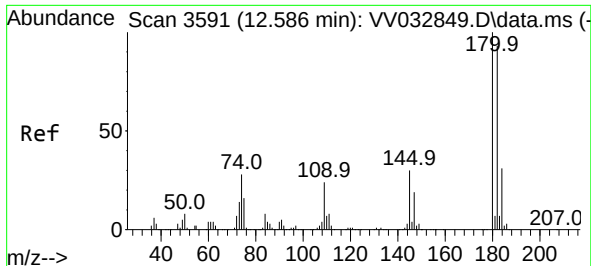
Ion Ratio Lower Upper

75 100

155 81.7 68.6 102.8

157 108.2 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 46.162 ug/L

RT: 12.583 min Scan# 3591

Delta R.T. -0.003 min

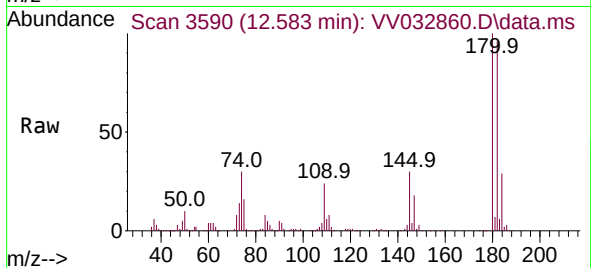
Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 239534

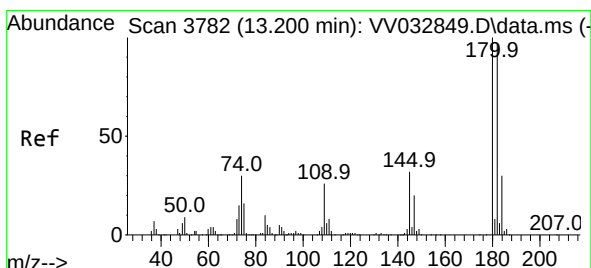
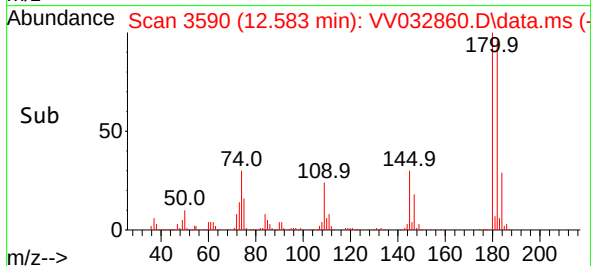
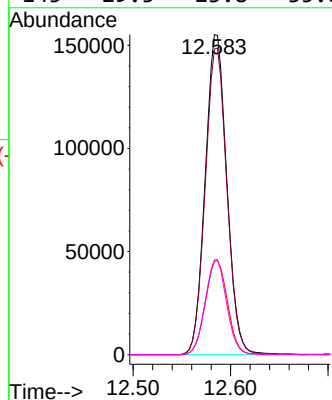
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

184 30.0 23.5 35.3

145 29.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 45.891 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

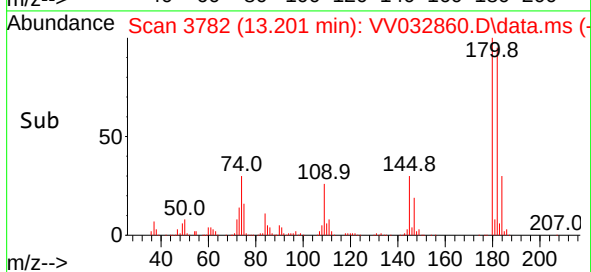
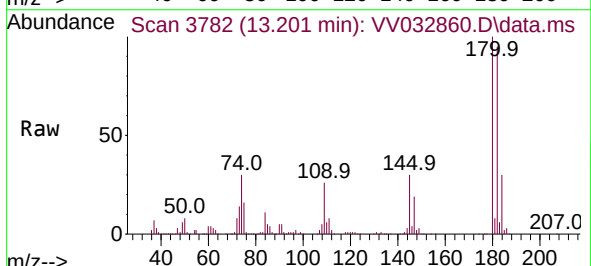
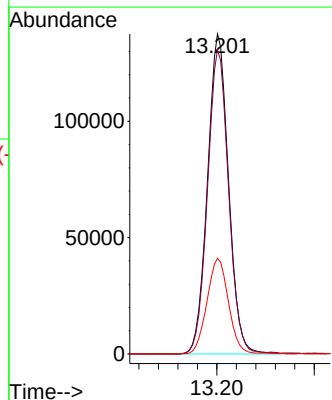
Tgt Ion:180 Resp: 205939

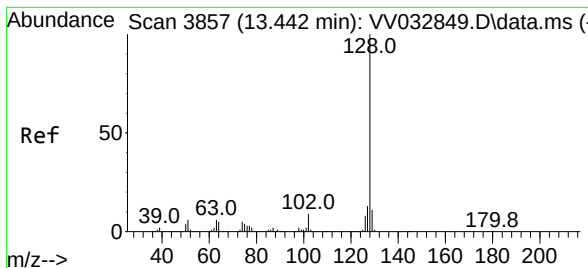
Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

145 30.5 24.7 37.1





#71

Naphthalene

Concen: 48.131 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

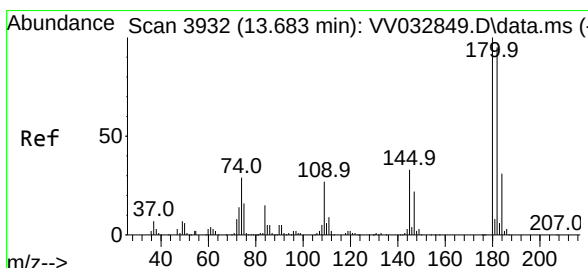
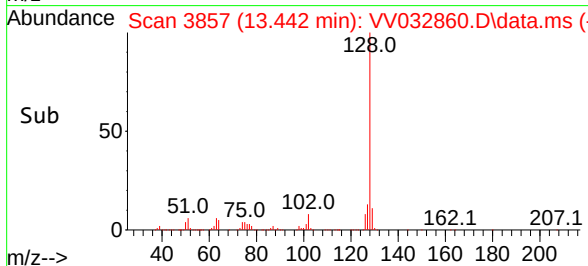
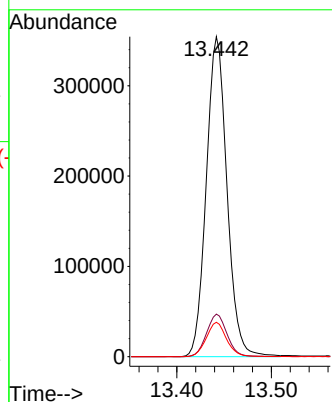
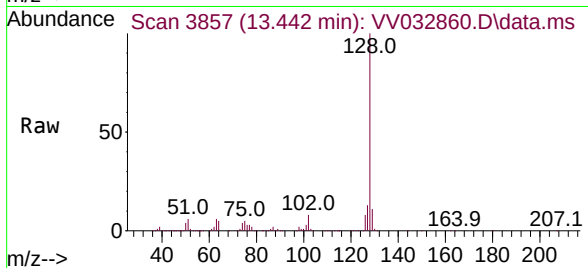
Tgt Ion:128 Resp: 539373

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 48.890 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032860.D

Acq: 07 Nov 2023 09:26

Tgt Ion:180 Resp: 219051

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 32.5 25.8 38.8

