

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091223\
 Data File : VW032060.D
 Acq On : 12 Sep 2023 19:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 13 06:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	233357	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	232072	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	122510	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70726	48.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.860%
7) Chloroethane-d5	1.529	69	57860	45.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.380%
11) 1,1-Dichloroethene-d2	2.056	65	29062	42.498	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.000%
21) 2-Butanone-d5	3.789	46	130389	113.517	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	4.252	84	137428	43.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
26) 1,2-Dichloroethane-d4	4.944	65	85784	40.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.980%
32) Benzene-d6	4.963	84	276987	43.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.480%
36) 1,2-Dichloropropane-d6	5.992	67	91869	45.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.140%
41) Toluene-d8	7.246	98	246779	42.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.580%
43) trans-1,3-Dichloroprop...	7.555	79	41640	39.415	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.840%
47) 2-Hexanone-d5	8.027	63	83017	132.888	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.890%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	128762	48.887	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	11.564	152	95390	42.713	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61433	43.244	ug/L	97
3) Chloromethane	1.217	50	76343	52.701	ug/L	100
5) Vinyl chloride	1.282	62	77178	49.888	ug/L	99
6) Bromomethane	1.481	94	41681	45.759	ug/L	99
8) Chloroethane	1.545	64	52474	51.038	ug/L	98
9) Trichlorofluoromethane	1.712	101	102800	45.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	64139	47.105	ug/L	98
12) 1,1-Dichloroethene	2.069	96	56279	46.016	ug/L	90
13) Acetone	2.111	43	96217	94.114	ug/L	98
14) Carbon disulfide	2.240	76	128074	45.958	ug/L	99
15) Methyl Acetate	2.375	43	112068	61.464	ug/L	99
16) Methylene chloride	2.445	84	83346	53.031	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	63679	47.492	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	273511	48.265	ug/L	98
19) 1,1-Dichloroethane	3.114	63	157488	52.410	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	82596	49.100	ug/L	97
22) 2-Butanone	3.870	43	152992	113.094	ug/L	96
23) Bromochloromethane	4.150	128	40735	49.912	ug/L	92
25) Chloroform	4.278	83	154694	49.514	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091223\
 Data File : VW032060.D
 Acq On : 12 Sep 2023 19:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 13 06:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

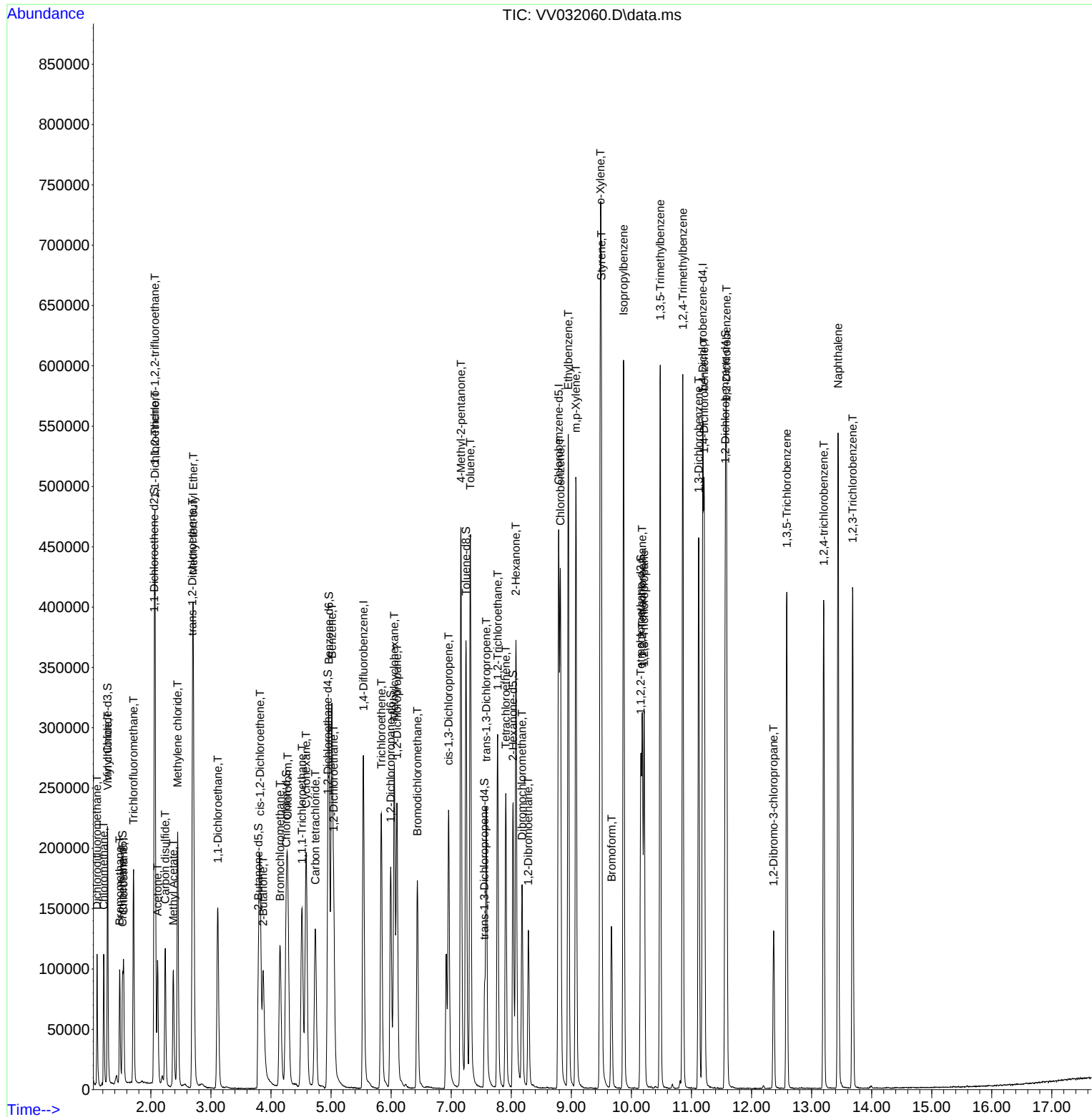
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	115853	47.069	ug/L	99
29) Cyclohexane	4.584	56	115000	47.593	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	123819	45.741	ug/L	99
31) Carbon tetrachloride	4.738	117	100090	43.545	ug/L	98
33) Benzene	5.014	78	313331	50.249	ug/L	100
34) Trichloroethene	5.838	95	82011	43.004	ug/L	99
35) Methylcyclohexane	6.053	83	110245	43.463	ug/L	96
37) 1,2-Dichloropropane	6.098	63	93332	52.806	ug/L	99
38) Bromodichloromethane	6.436	83	118908	47.397	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	142342	46.322	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	330786	117.915	ug/L	97
42) Toluene	7.320	91	330507	48.184	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	131619	44.579	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	90228	50.530	ug/L	97
46) Tetrachloroethene	7.908	164	53026	44.283	ug/L	98
48) 2-Hexanone	8.079	43	244334	114.051	ug/L	97
49) Dibromochloromethane	8.182	129	84400	45.997	ug/L	98
50) 1,2-Dibromoethane	8.284	107	89279	47.736	ug/L	100
51) Chlorobenzene	8.818	112	220447	48.367	ug/L	98
52) Ethylbenzene	8.950	91	378271	46.556	ug/L	99
53) m,p-Xylene	9.075	106	138792	46.006	ug/L	98
54) o-Xylene	9.484	106	138818	46.265	ug/L	99
55) Styrene	9.500	104	248493	46.848	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	149658	59.206	ug/L	99
59) Bromoform	9.670	173	59132	46.546	ug/L	100
60) Isopropylbenzene	9.870	105	383151	46.694	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	123919	53.539	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	307271	44.511	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	309630	44.586	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	169863	46.191	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	172784	46.207	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	173654	47.655	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	32573	46.852	ug/L	94
69) 1,3,5-Trichlorobenzene	12.586	180	117965	44.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	113735	44.198	ug/L	99
71) Naphthalene	13.442	128	395350	48.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	115470	46.828	ug/L	99

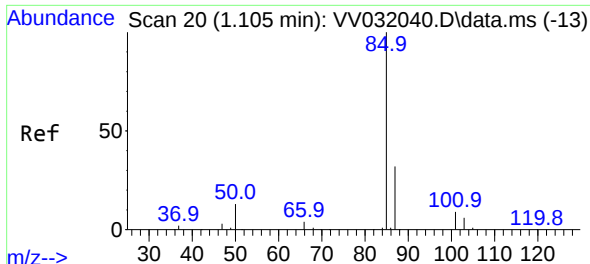
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091223\
 Data File : VV032060.D
 Acq On : 12 Sep 2023 19:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 13 06:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

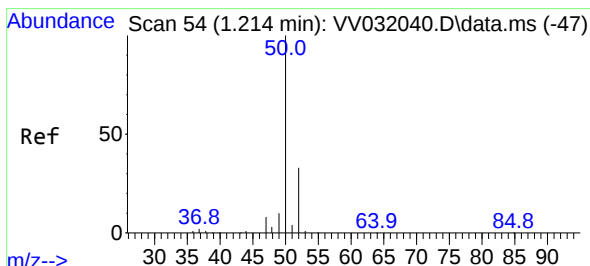
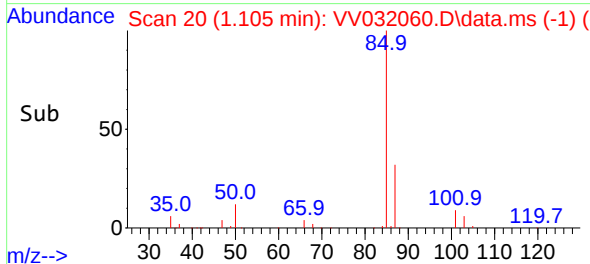
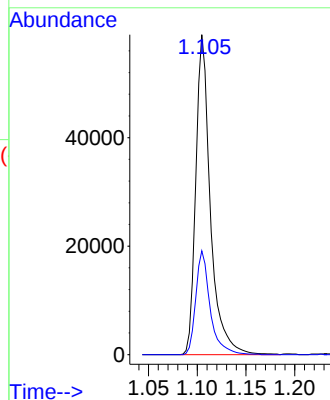
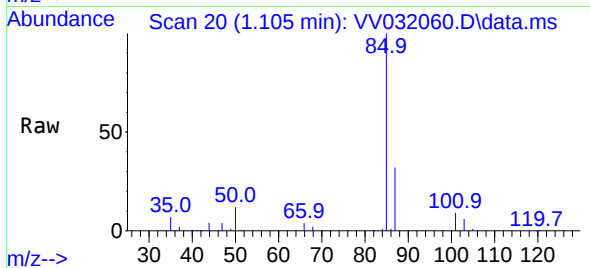




#2
Dichlorodifluoromethane
Concen: 43.244 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

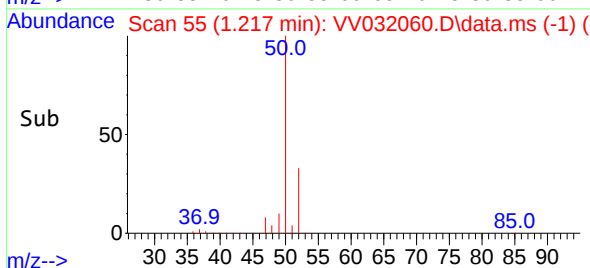
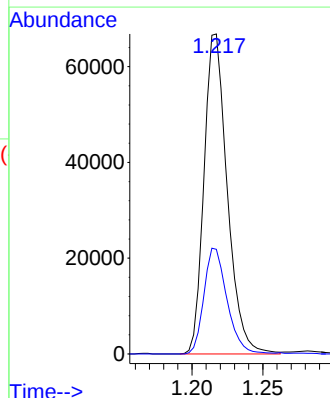
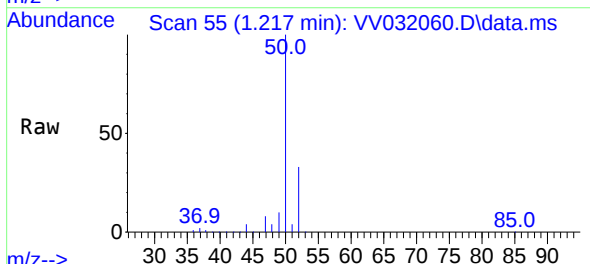
Instrument :
MSVOA_V
ClientSampleId :

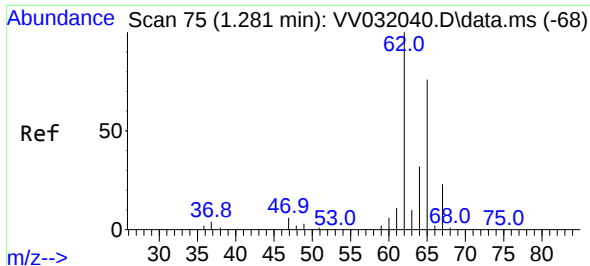
Tgt Ion: 85 Resp: 61433
Ion Ratio Lower Upper
85 100
87 32.0 26.8 40.2



#3
Chloromethane
Concen: 52.701 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 50 Resp: 76343
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.6

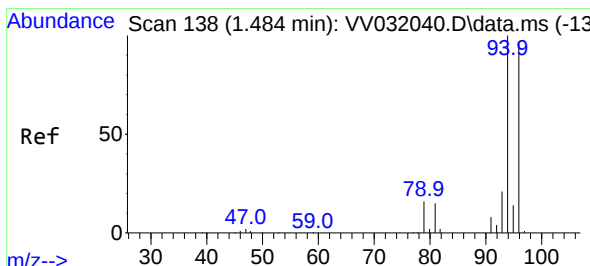
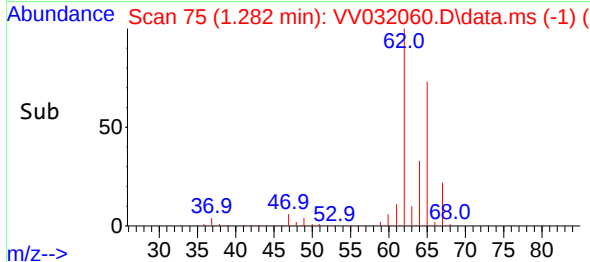
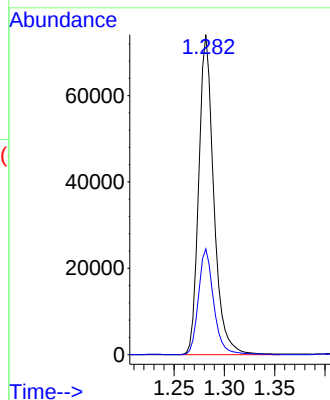
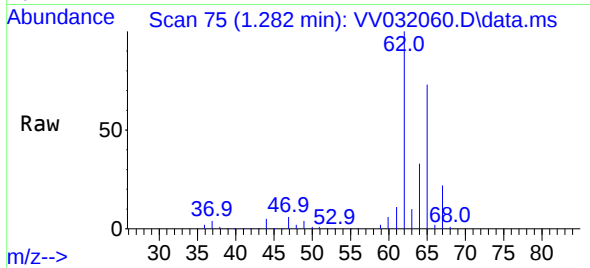




#5
 Vinyl chloride
 Concen: 49.888 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032060.D
 Acq: 12 Sep 2023 19:47

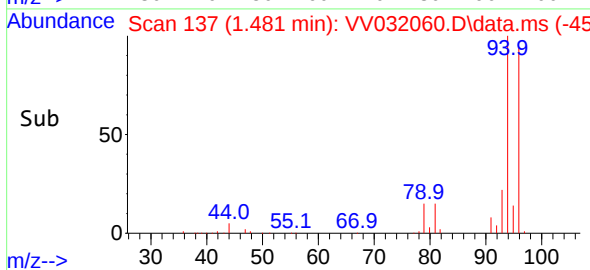
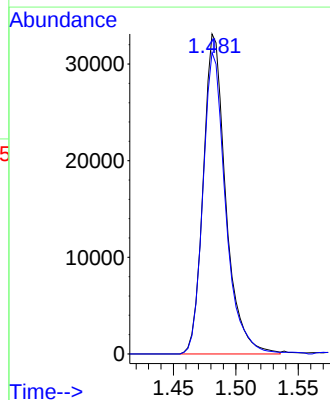
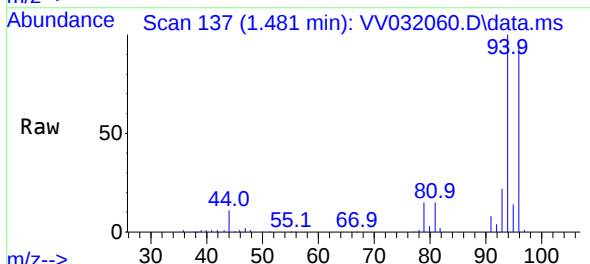
Instrument :
 MSVOA_V
 ClientSampleId :

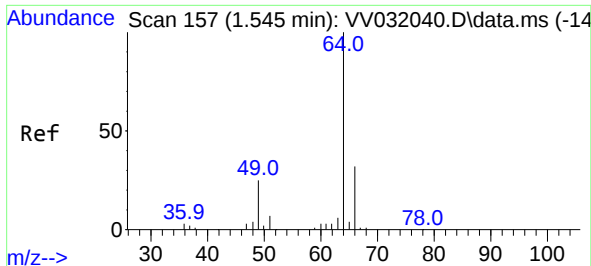
Tgt Ion: 62 Resp: 77178
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.6 43.8



#6
 Bromomethane
 Concen: 45.759 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV032060.D
 Acq: 12 Sep 2023 19:47

Tgt Ion: 94 Resp: 41681
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.4 123.4

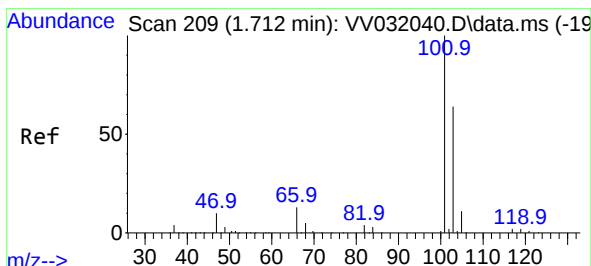
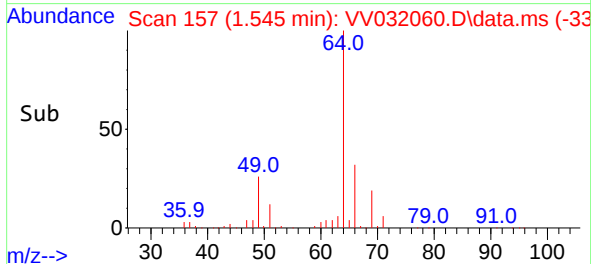
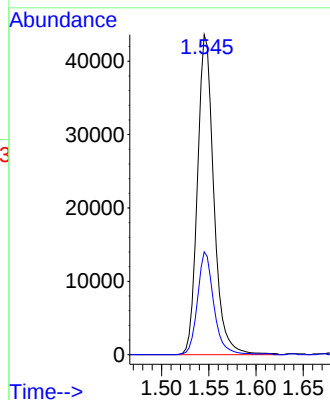
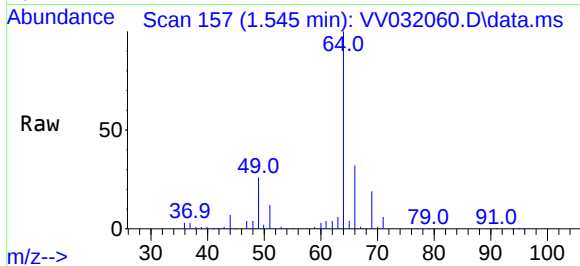




#8
Chloroethane
Concen: 51.038 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

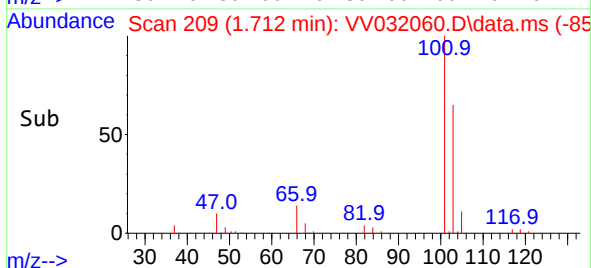
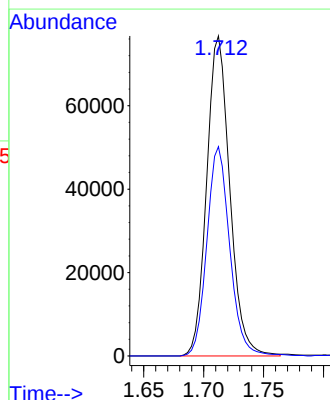
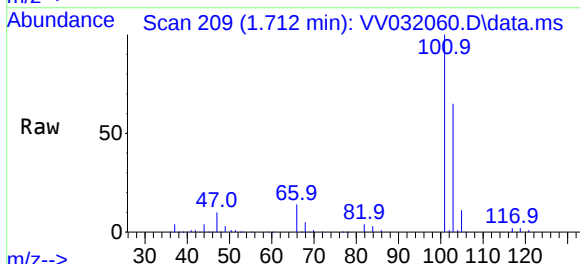
Instrument :
MSVOA_V
ClientSampleId :

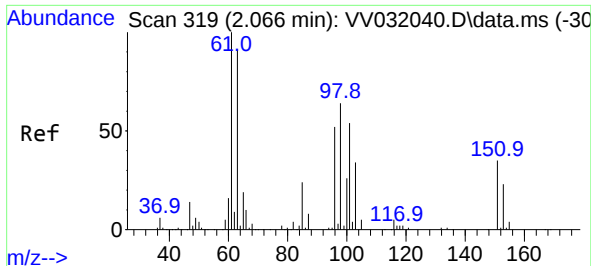
Tgt Ion: 64 Resp: 52474
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.585 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion:101 Resp: 102800
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

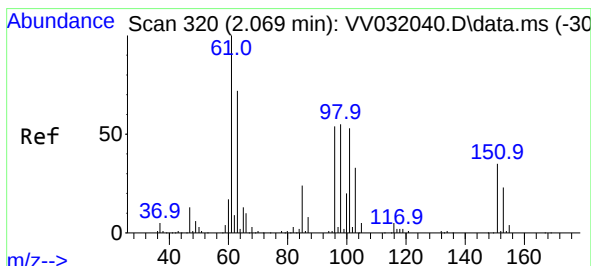
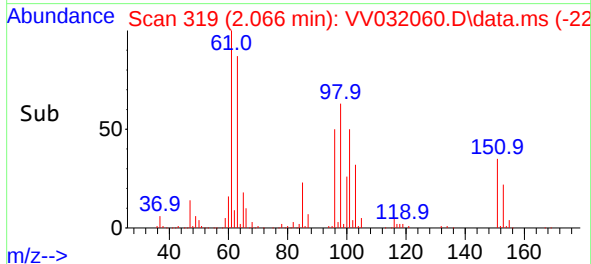
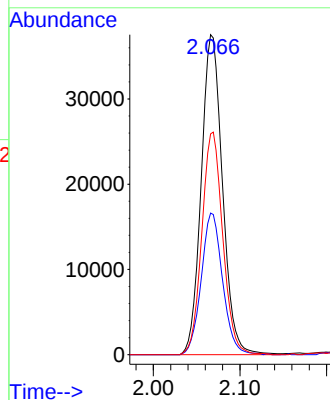
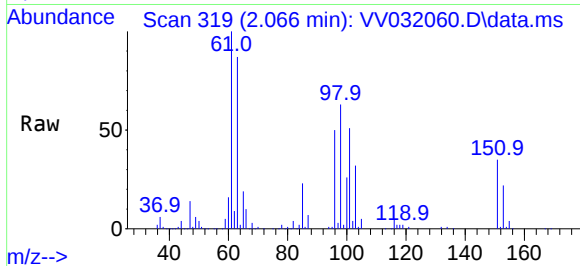




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.105 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV032060.D
 Acq: 12 Sep 2023 19:47

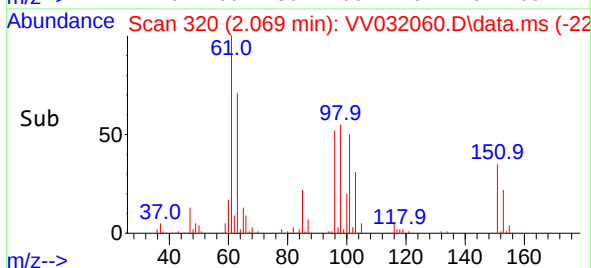
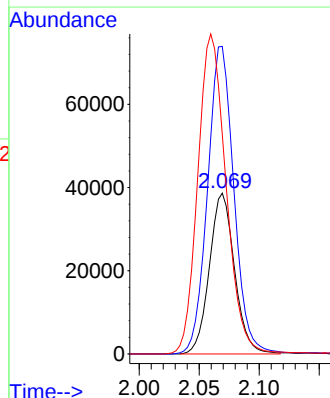
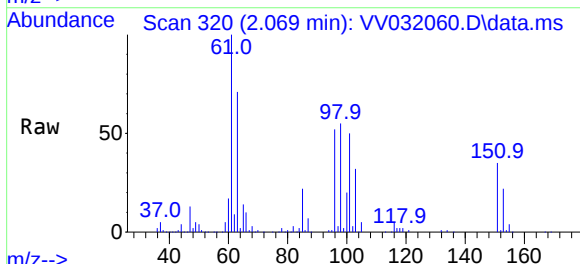
Instrument :
 MSVOA_V
 ClientSampleId :

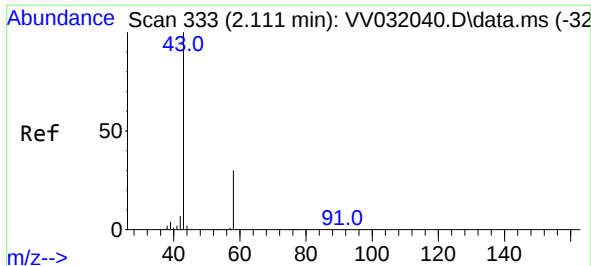
Tgt Ion:101 Resp: 64139
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.8
 151 68.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 46.016 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032060.D
 Acq: 12 Sep 2023 19:47

Tgt Ion: 96 Resp: 56279
 Ion Ratio Lower Upper
 96 100
 61 191.2 133.8 248.6
 63 136.6 115.2 214.0





#13

Acetone

Concen: 94.114 ug/L

RT: 2.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

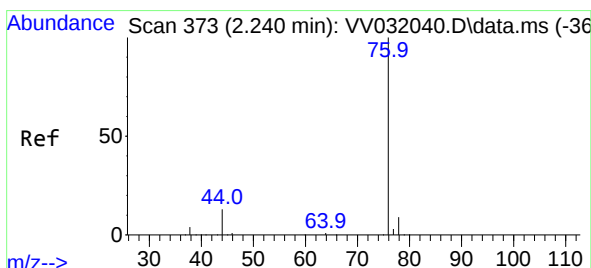
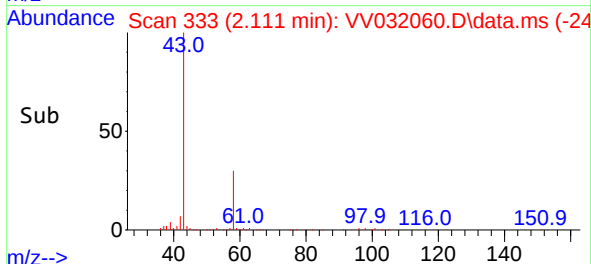
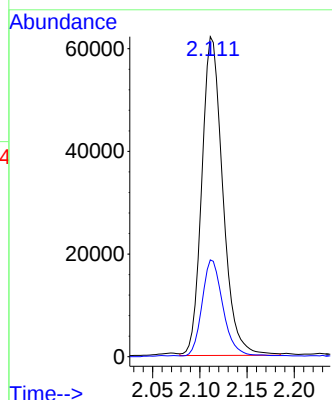
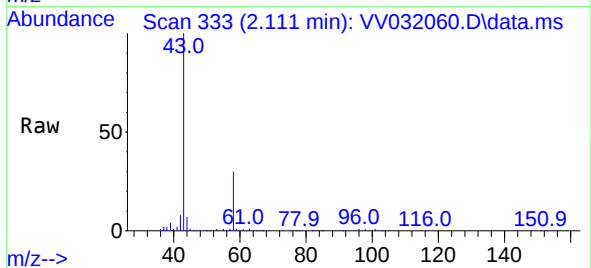
ClientSampleId :

Tgt Ion: 43 Resp: 96217

Ion Ratio Lower Upper

43 100

58 29.7 0.0 61.0



#14

Carbon disulfide

Concen: 45.958 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032060.D

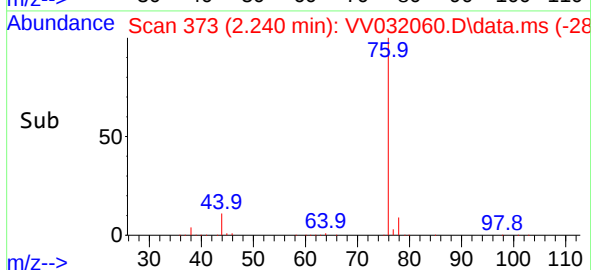
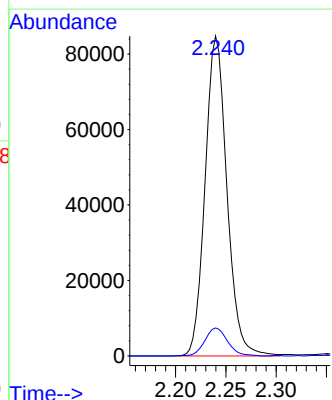
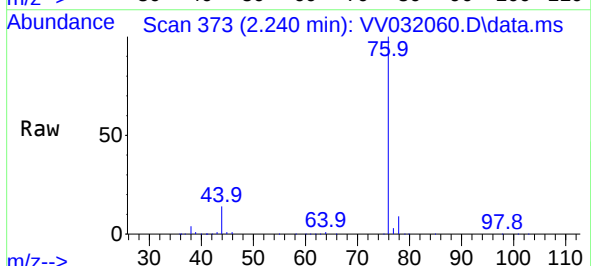
Acq: 12 Sep 2023 19:47

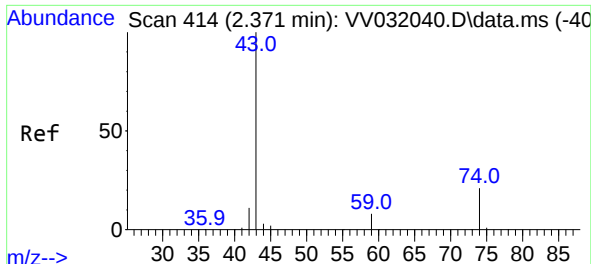
Tgt Ion: 76 Resp: 128074

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

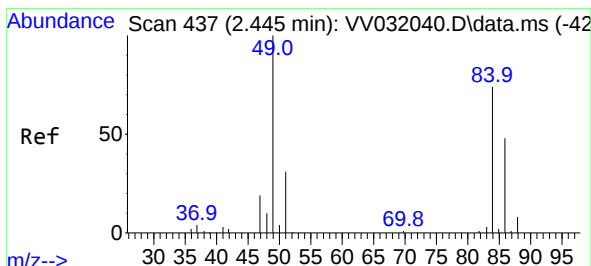
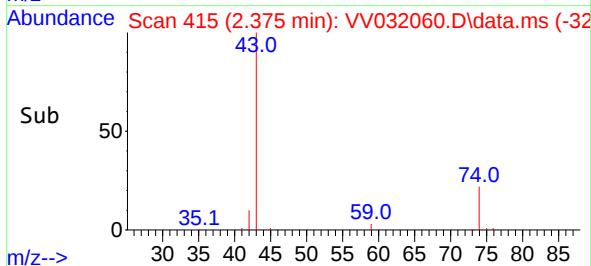
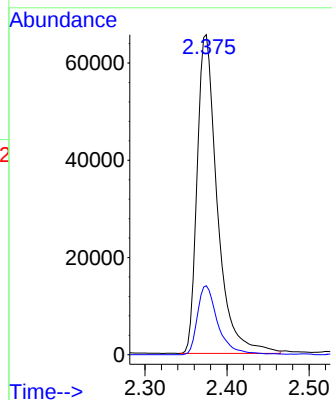
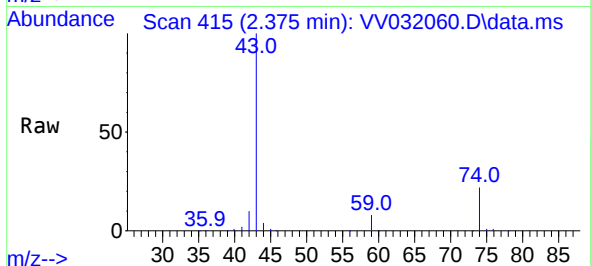




#15
Methyl Acetate
Concen: 61.464 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

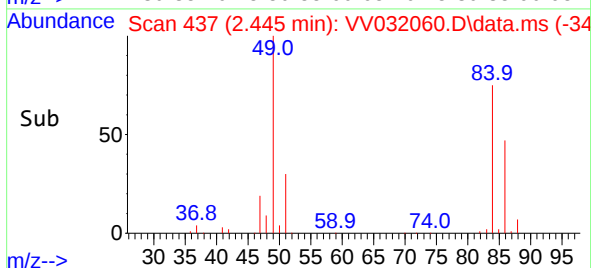
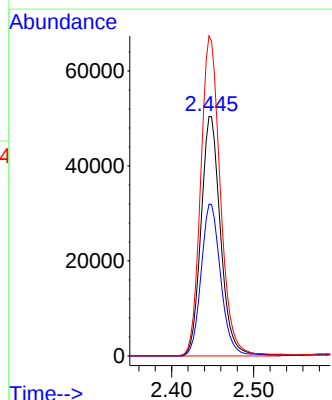
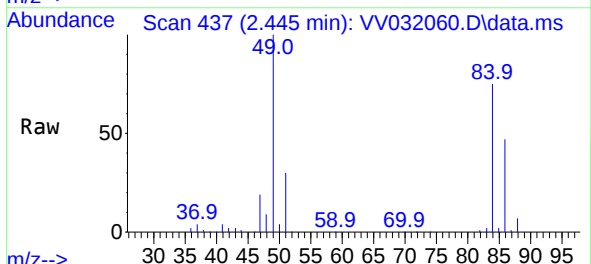
Instrument :
MSVOA_V
ClientSampleId :

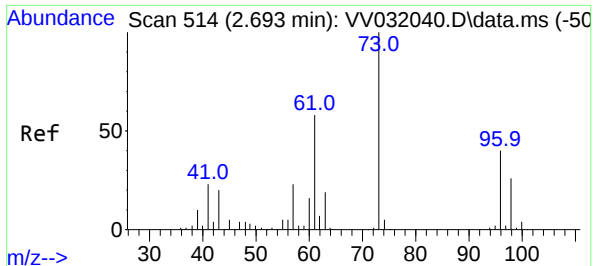
Tgt Ion: 43 Resp: 112068
Ion Ratio Lower Upper
43 100
74 21.8 17.9 26.9



#16
Methylene chloride
Concen: 53.031 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

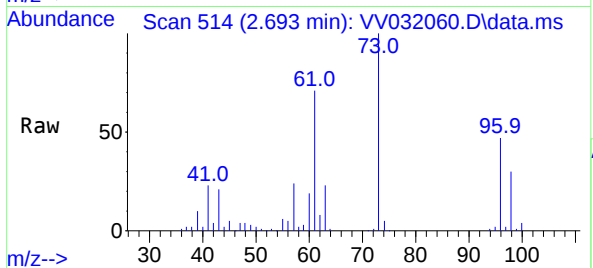
Tgt Ion: 84 Resp: 83346
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 133.6 91.6 170.2



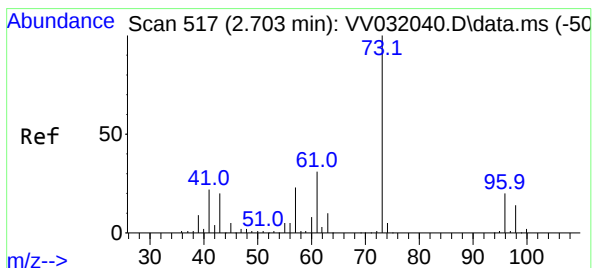
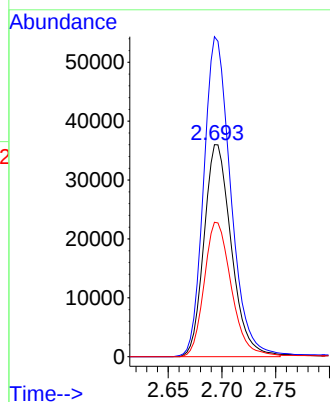
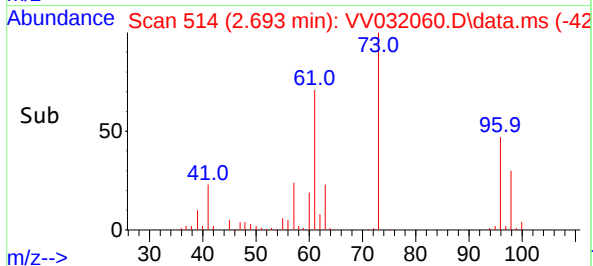


#17
trans-1,2-Dichloroethene
Concen: 47.492 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Instrument :
MSVOA_V
ClientSampleId :

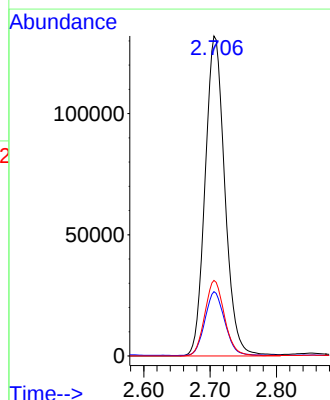
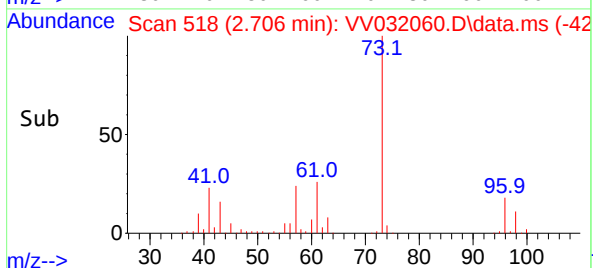
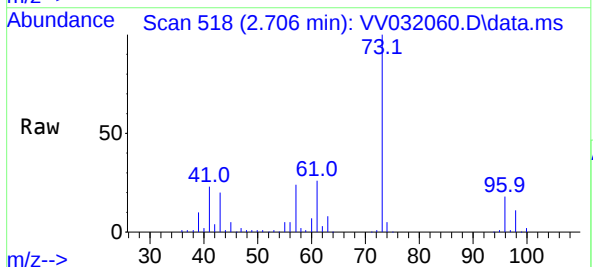


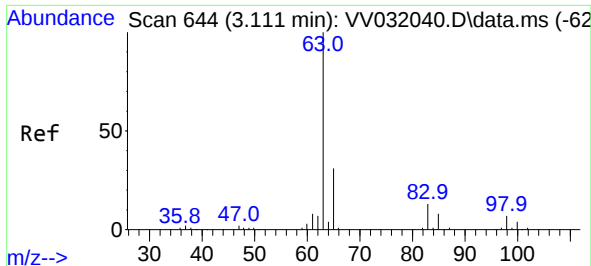
Tgt Ion: 96 Resp: 63679
Ion Ratio Lower Upper
96 100
61 150.9 107.3 199.3
98 63.4 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 48.265 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 73 Resp: 273511
Ion Ratio Lower Upper
73 100
43 20.1 16.6 25.0
57 23.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 52.410 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

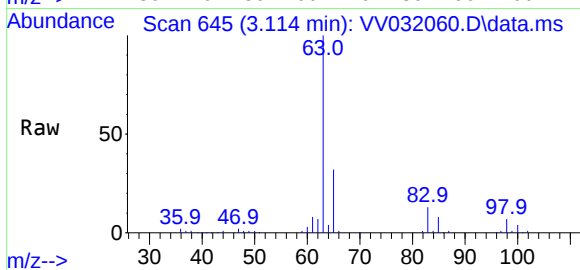
Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

ClientSampleId :



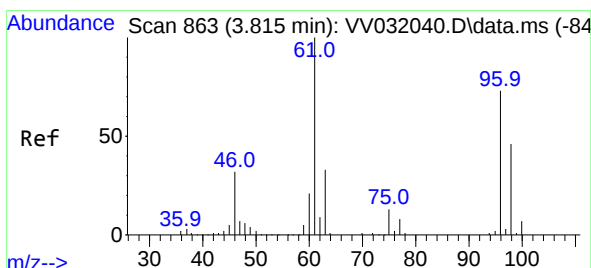
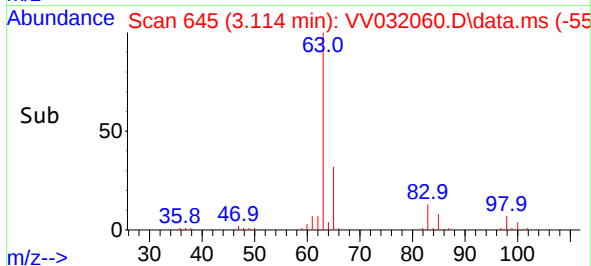
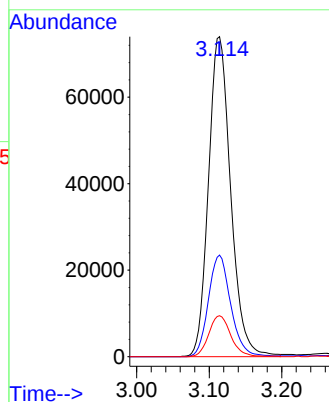
Tgt Ion: 63 Resp: 157488

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 12.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 49.100 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

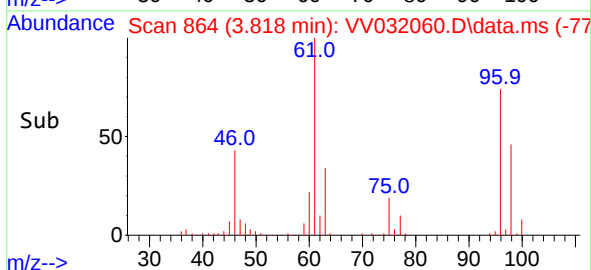
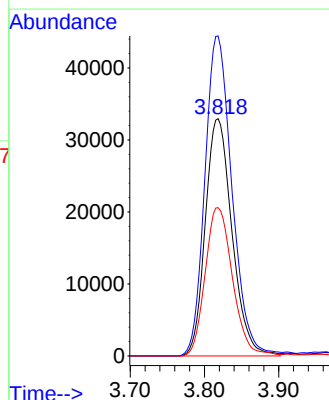
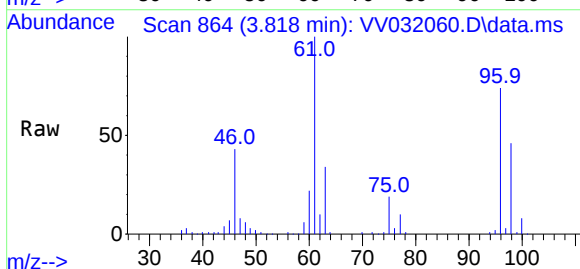
Tgt Ion: 96 Resp: 82596

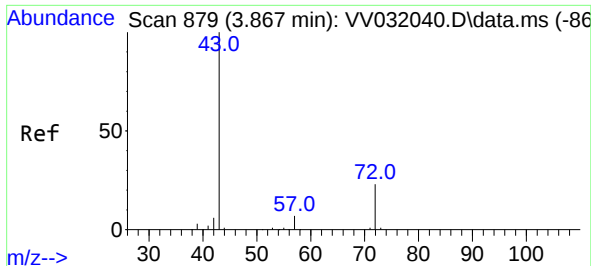
Ion Ratio Lower Upper

96 100

61 134.8 97.3 180.7

98 62.5 45.3 84.1

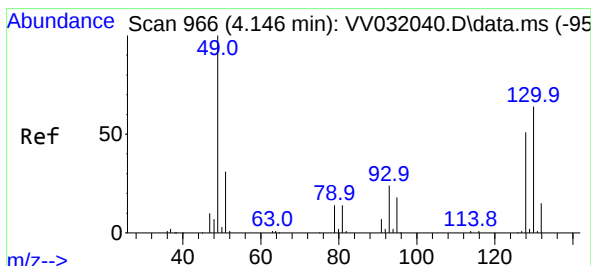
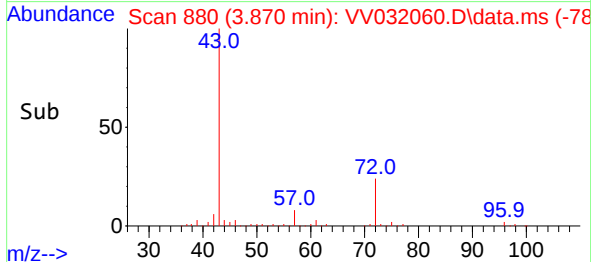
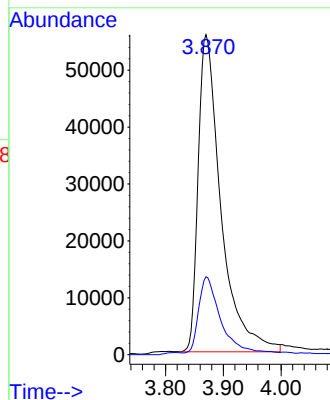
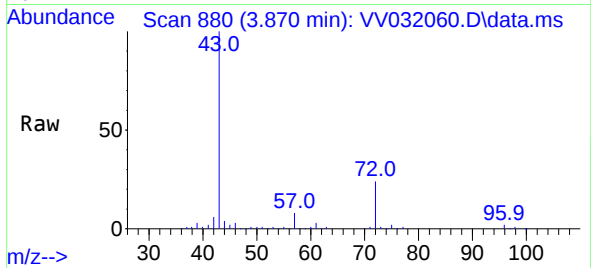




#22
2-Butanone
Concen: 113.094 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

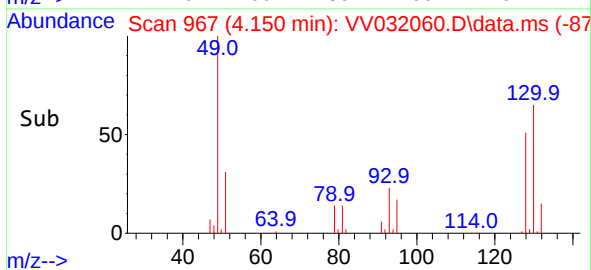
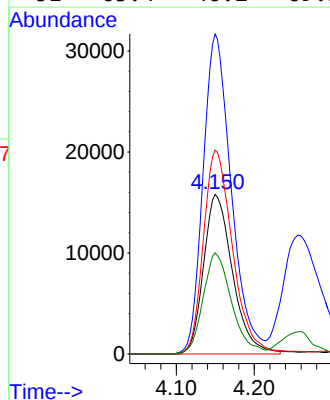
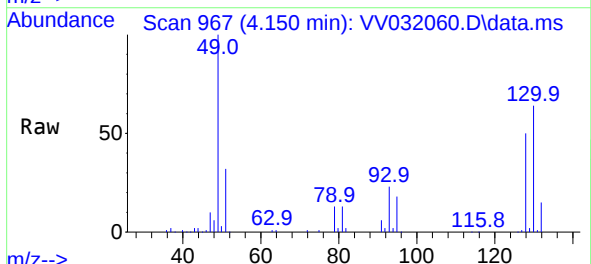
Instrument :
MSVOA_V
ClientSampleId :

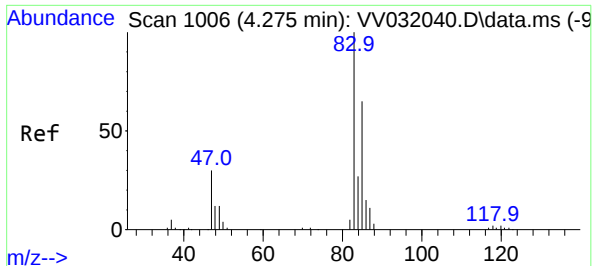
Tgt Ion: 43 Resp: 152992
Ion Ratio Lower Upper
43 100
72 23.3 12.6 37.8



#23
Bromochloromethane
Concen: 49.912 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion:128 Resp: 40735
Ion Ratio Lower Upper
128 100
49 200.6 127.8 237.4
130 127.8 90.1 167.3
51 63.4 46.2 69.2





#25

Chloroform

Concen: 49.514 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

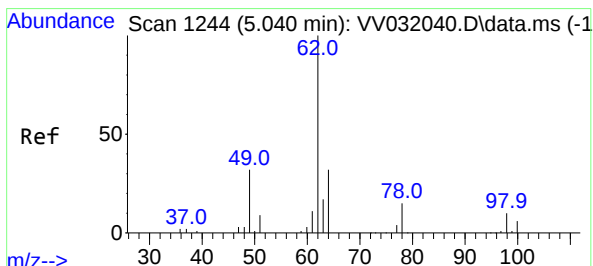
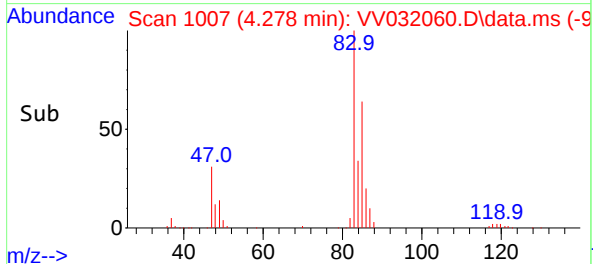
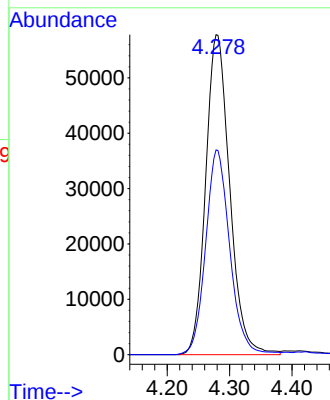
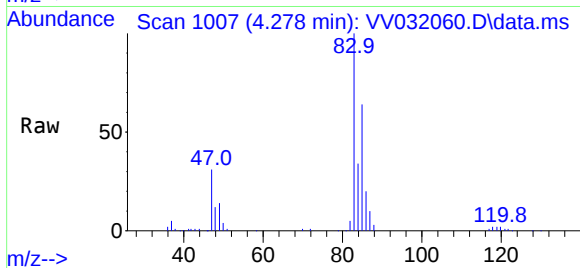
ClientSampleId :

Tgt Ion: 83 Resp: 154694

Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3



#27

1,2-Dichloroethane

Concen: 47.069 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV032060.D

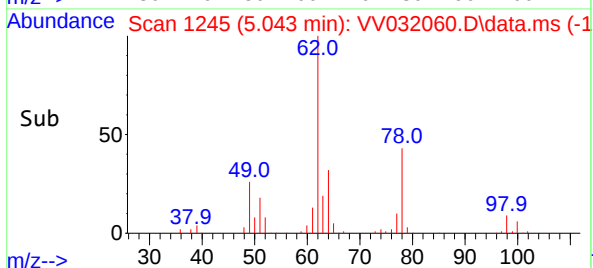
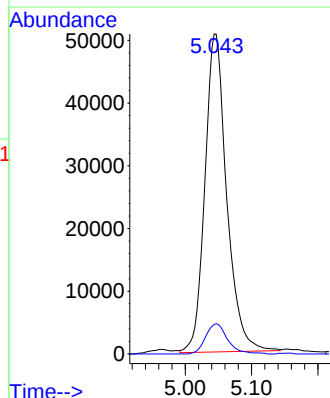
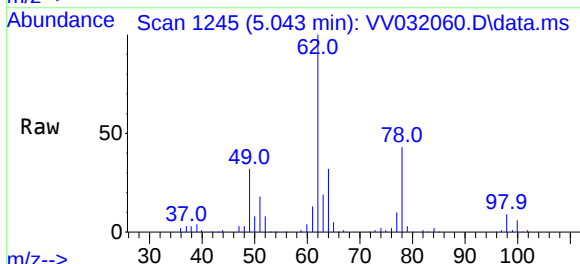
Acq: 12 Sep 2023 19:47

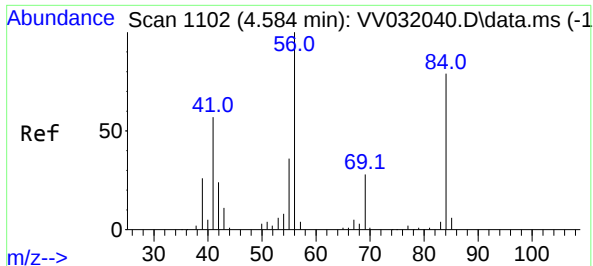
Tgt Ion: 62 Resp: 115853

Ion Ratio Lower Upper

62 100

98 9.2 7.0 10.4





#29

Cyclohexane

Concen: 47.593 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

ClientSampleId :

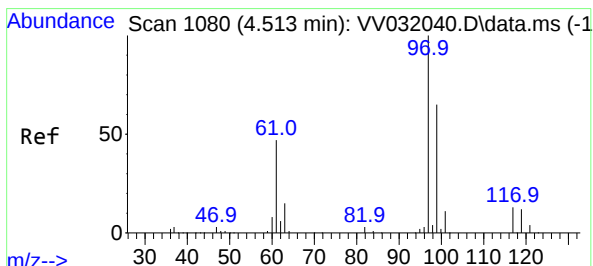
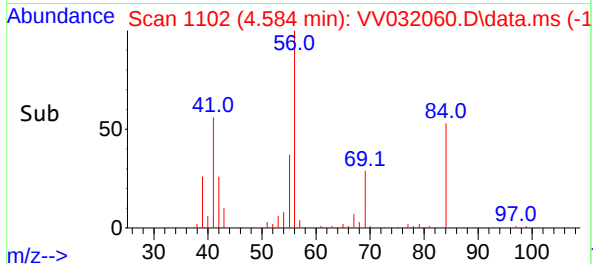
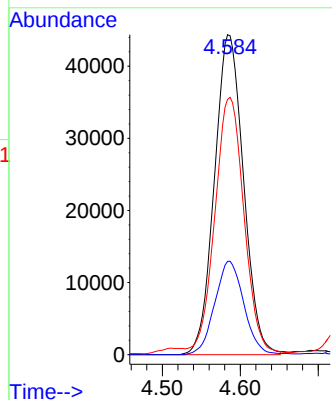
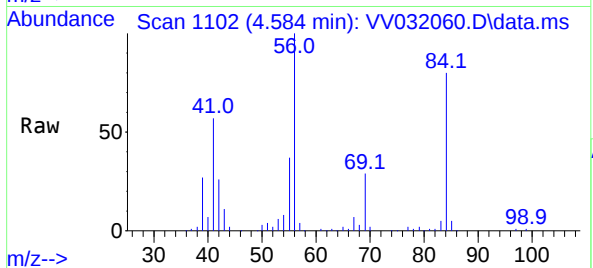
Tgt Ion: 56 Resp: 115000

Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.4

84 80.0 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 45.741 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

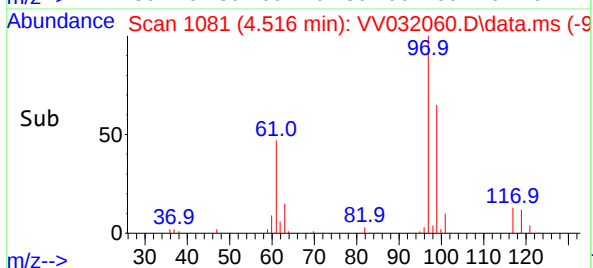
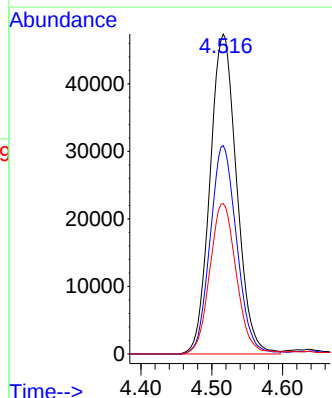
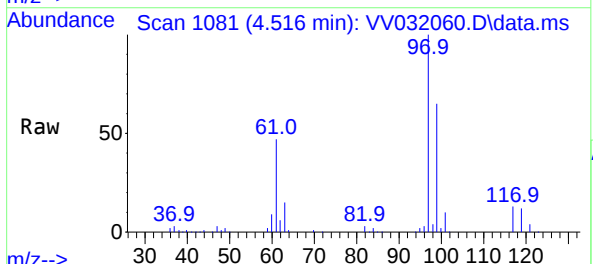
Tgt Ion: 97 Resp: 123819

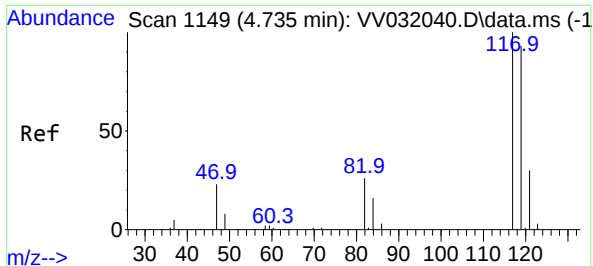
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 46.4 36.5 54.7

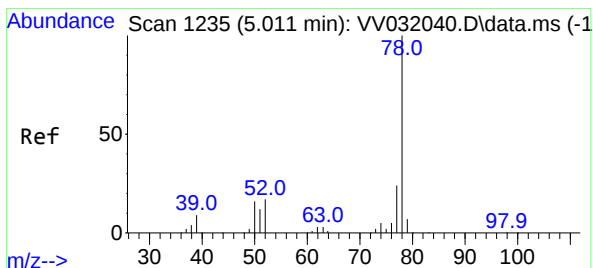
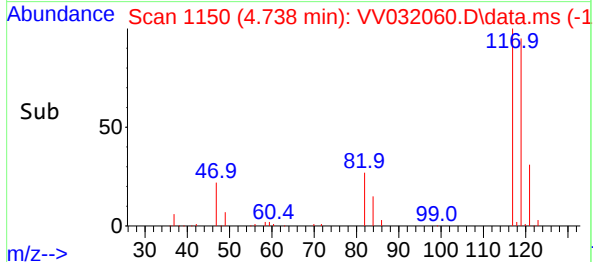
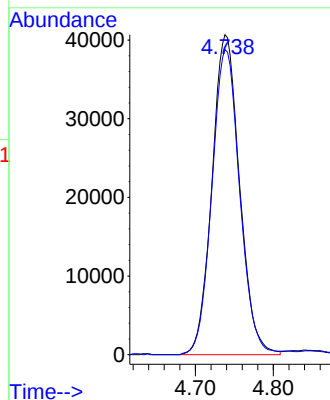
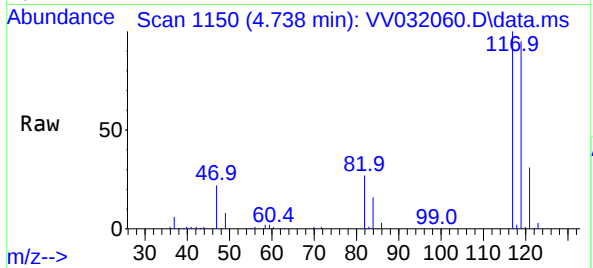




#31
Carbon tetrachloride
Concen: 43.545 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

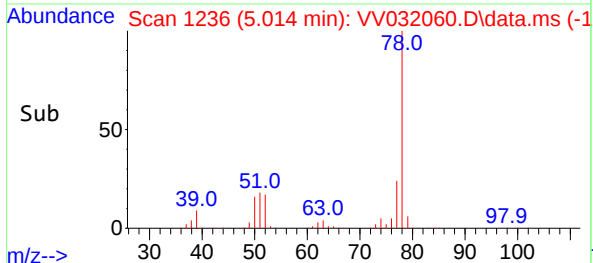
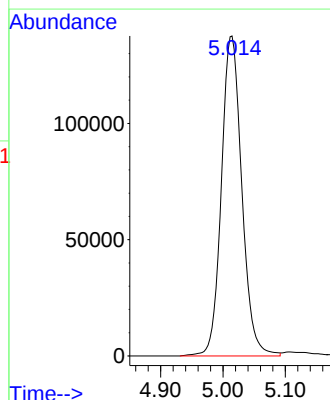
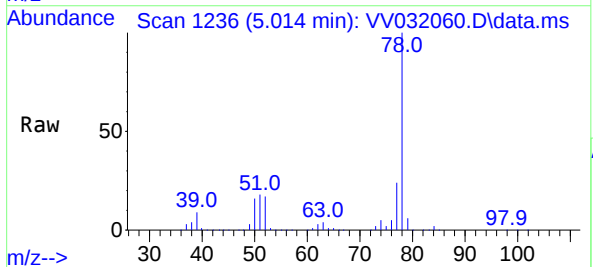
Instrument :
MSVOA_V
ClientSampleId :

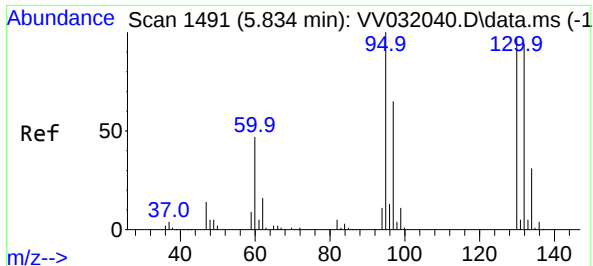
Tgt Ion:117 Resp: 100090
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.2



#33
Benzene
Concen: 50.249 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 78 Resp: 313331



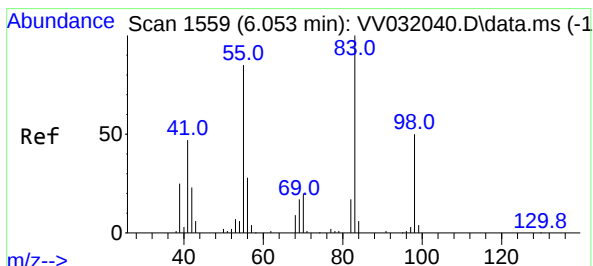
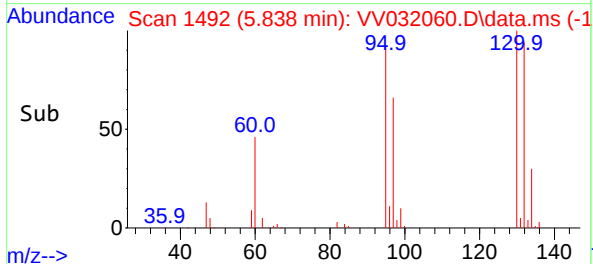
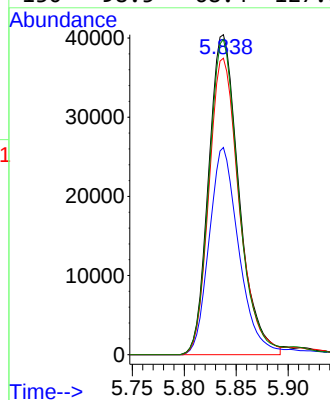
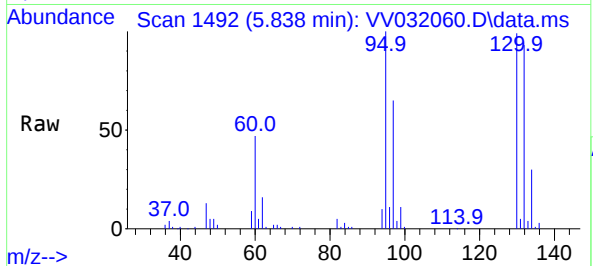


#34
Trichloroethene
Concen: 43.004 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 82011

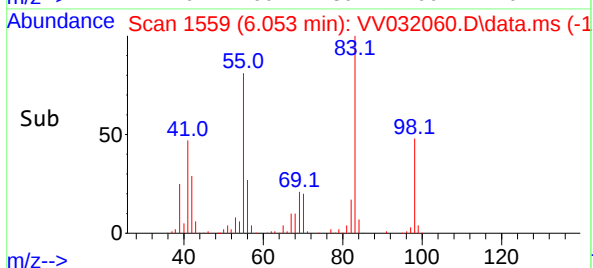
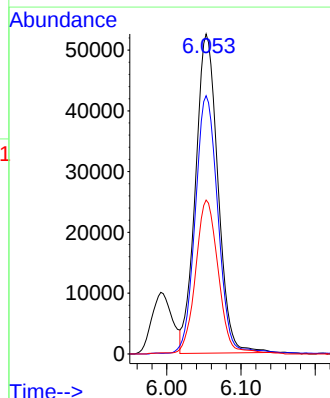
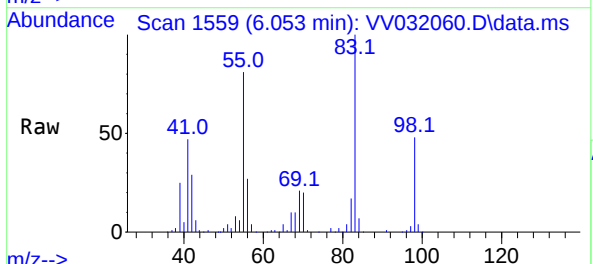
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.4	84.2
132	92.7	65.4	121.4
130	98.5	68.4	127.0

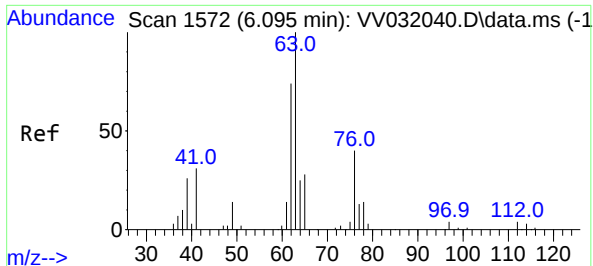


#35
Methylcyclohexane
Concen: 43.463 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 83 Resp: 110245

Ion	Ratio	Lower	Upper
83	100		
55	80.5	62.2	93.2
98	49.1	36.7	55.1

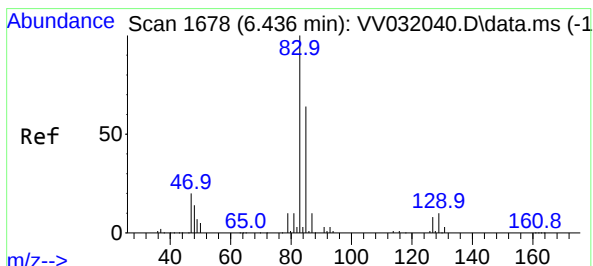
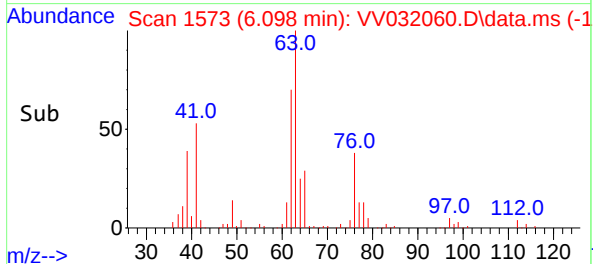
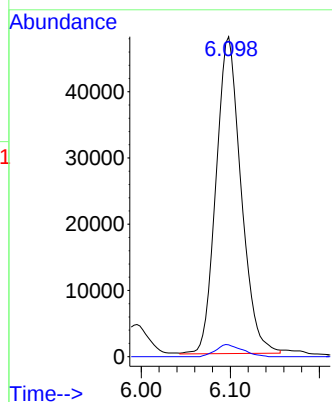
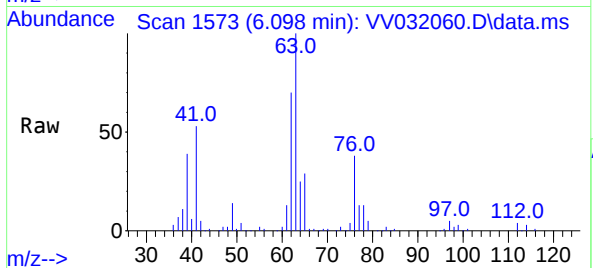




#37
1,2-Dichloropropane
Concen: 52.806 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

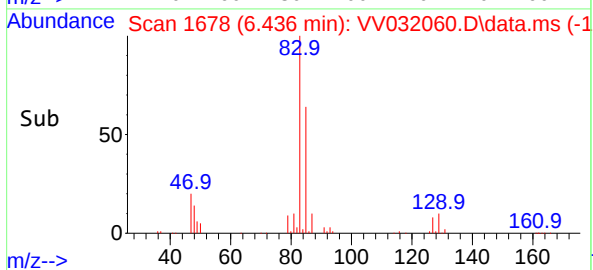
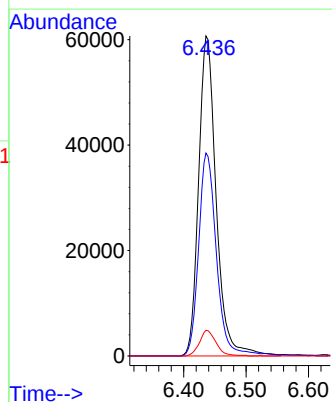
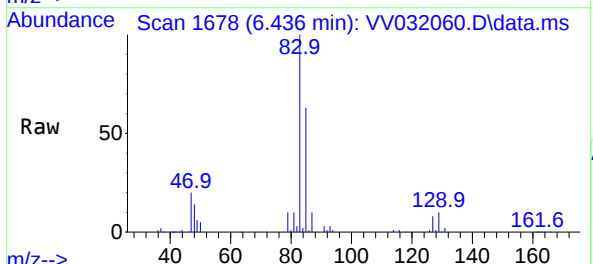
Instrument :
MSVOA_V
ClientSampleId :

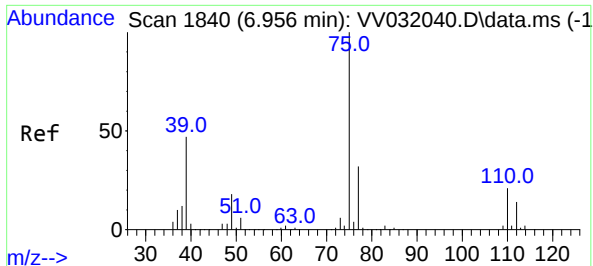
Tgt Ion: 63 Resp: 93332
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 47.397 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 83 Resp: 118908
Ion Ratio Lower Upper
83 100
85 63.4 45.2 84.0
127 8.0 6.3 9.5

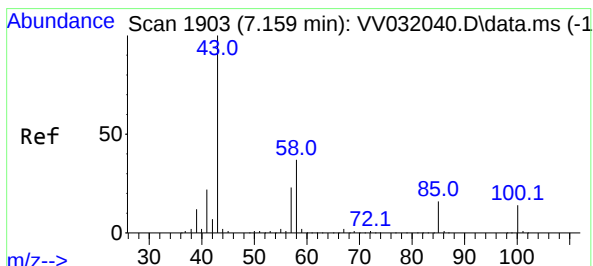
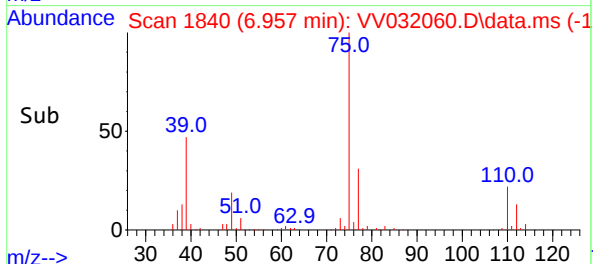
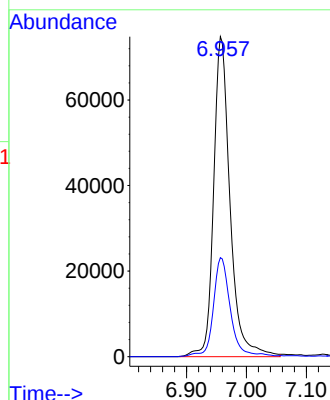
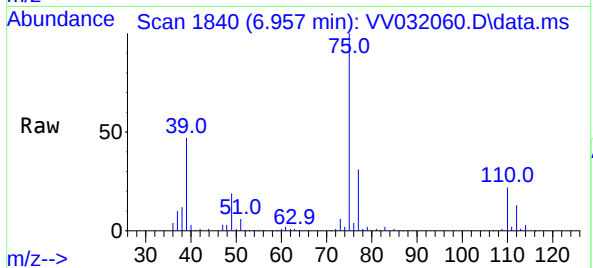




#39
cis-1,3-Dichloropropene
Concen: 46.322 ug/L
RT: 6.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

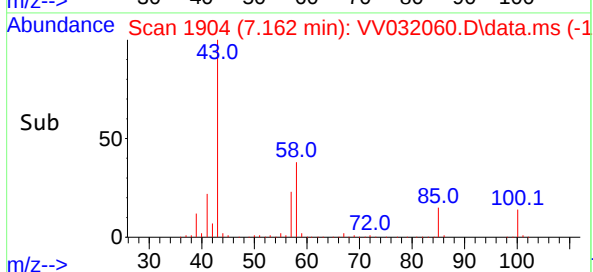
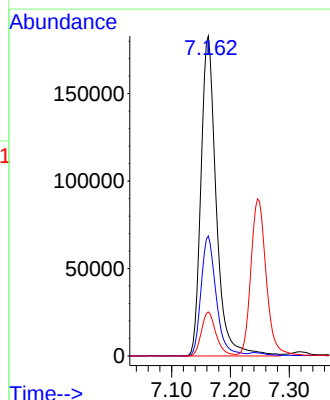
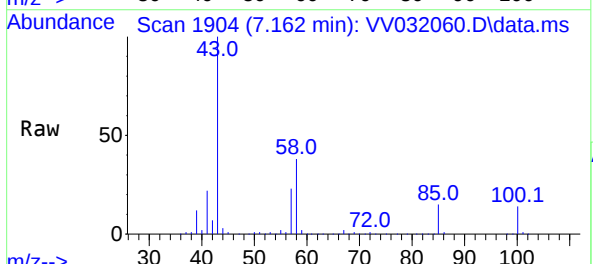
Instrument :
MSVOA_V
ClientSampleId :

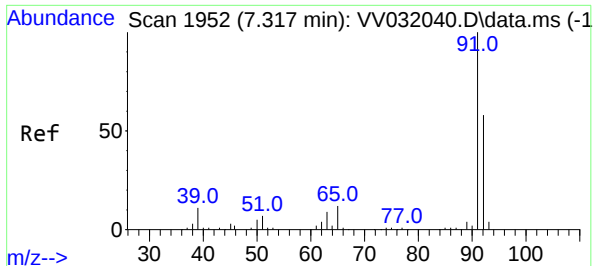
Tgt Ion: 75 Resp: 142342
Ion Ratio Lower Upper
75 100
77 30.9 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 117.915 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 43 Resp: 330786
Ion Ratio Lower Upper
43 100
58 37.1 31.1 46.7
100 13.2 11.9 17.9





#42

Toluene

Concen: 48.184 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

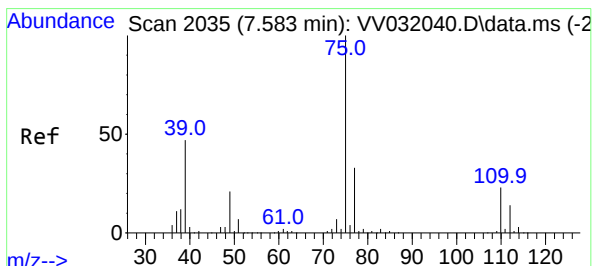
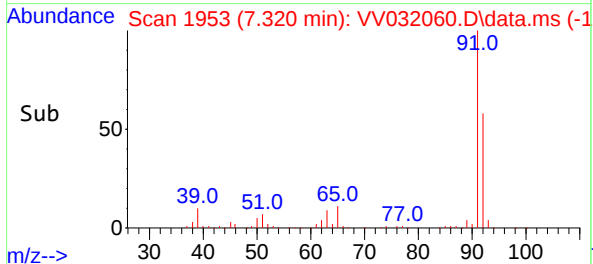
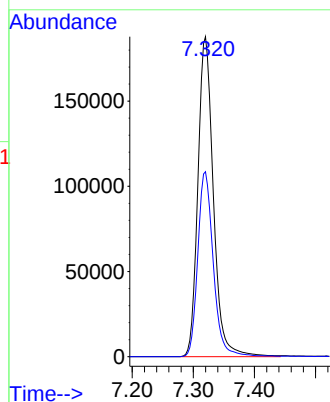
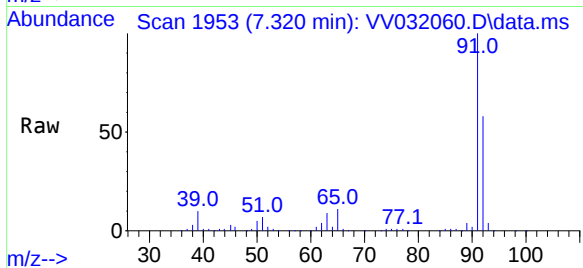
ClientSampleId :

Tgt Ion: 91 Resp: 330507

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 44.579 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032060.D

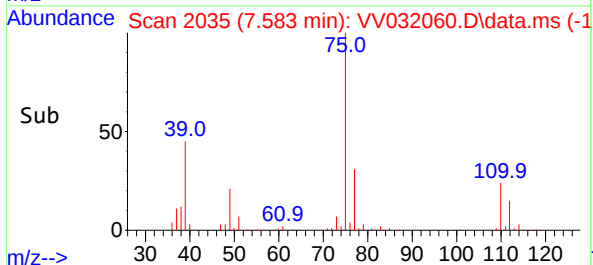
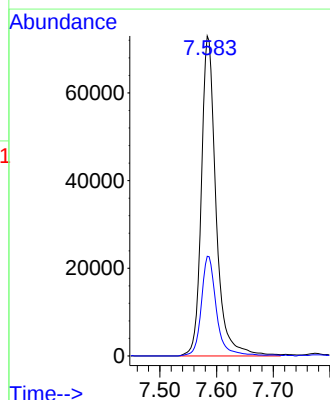
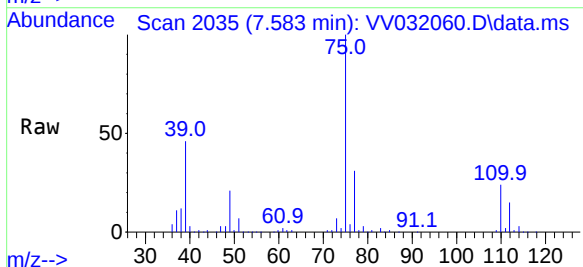
Acq: 12 Sep 2023 19:47

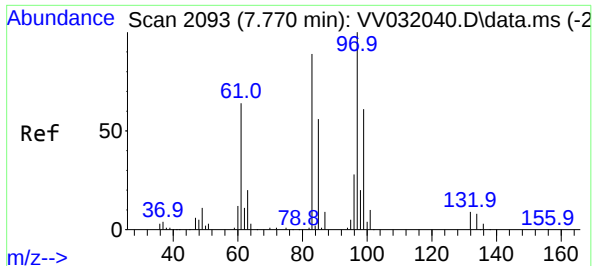
Tgt Ion: 75 Resp: 131619

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 50.530 ug/L

RT: 7.773 min Scan# 2093

Delta R.T. 0.003 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 90228

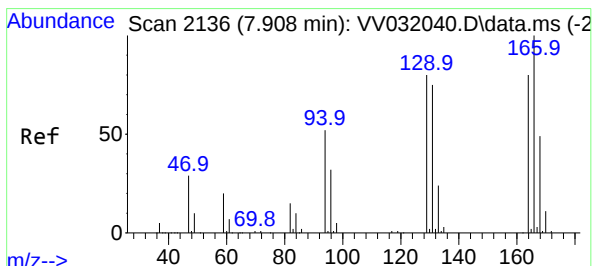
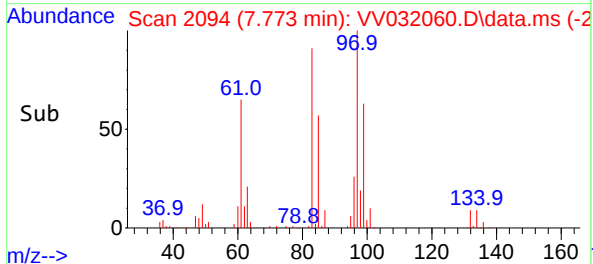
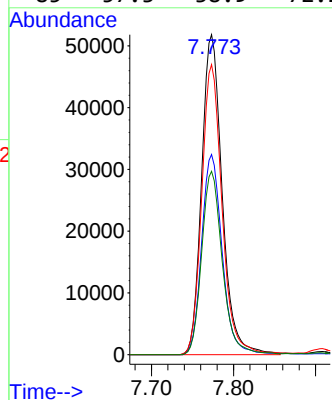
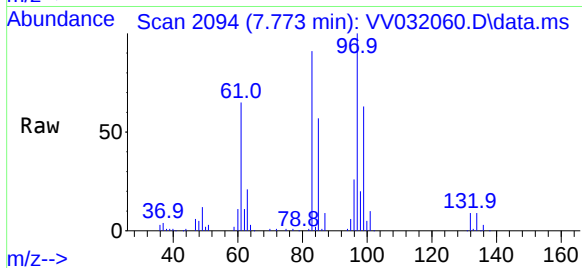
Ion Ratio Lower Upper

97 100

99 62.5 43.0 79.8

83 90.6 61.2 113.6

85 57.3 38.9 72.2



#46

Tetrachloroethene

Concen: 44.283 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Tgt Ion:164 Resp: 53026

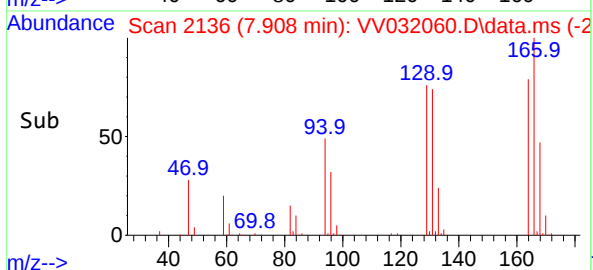
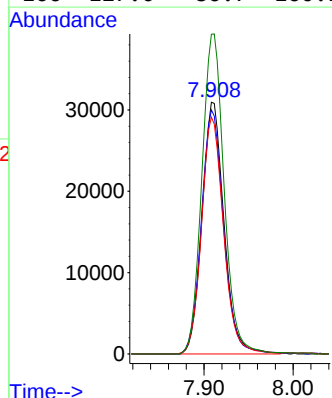
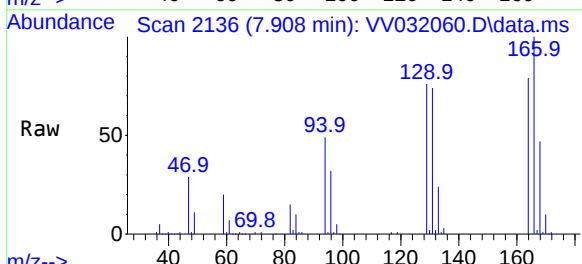
Ion Ratio Lower Upper

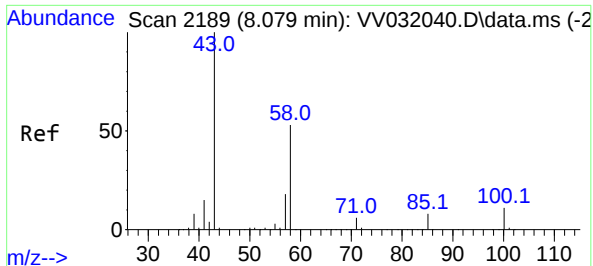
164 100

129 97.0 68.3 126.9

131 94.1 64.9 120.5

166 127.0 86.7 160.9

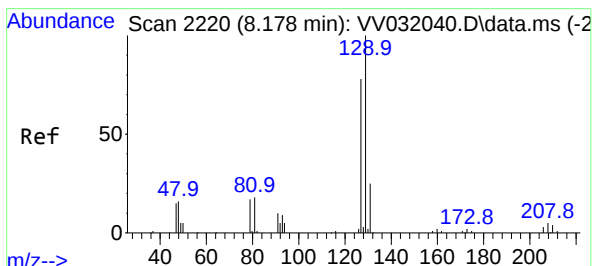
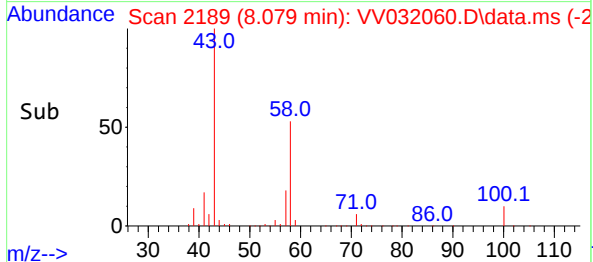
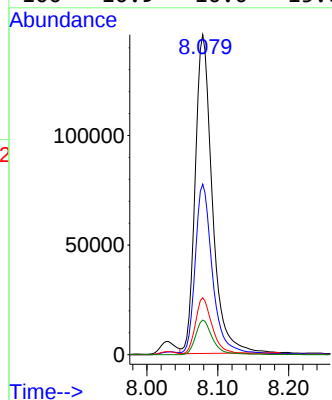
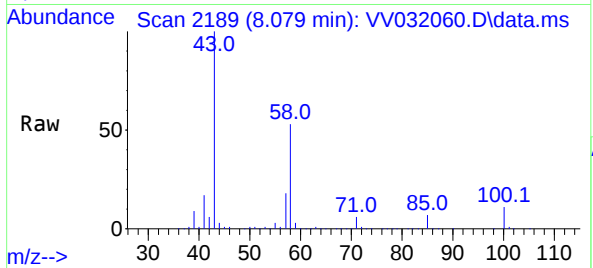




#48
2-Hexanone
Concen: 114.051 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

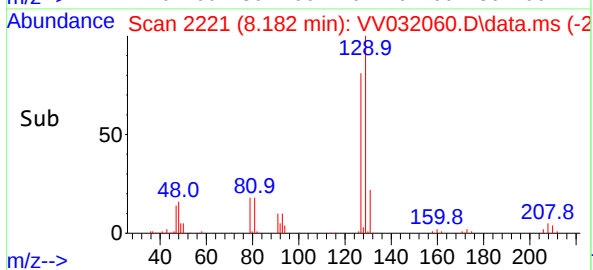
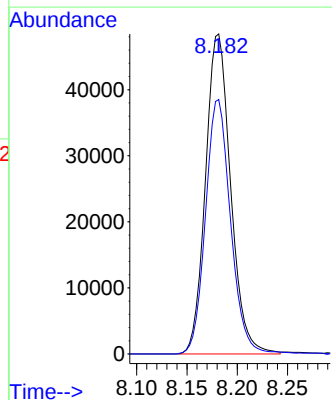
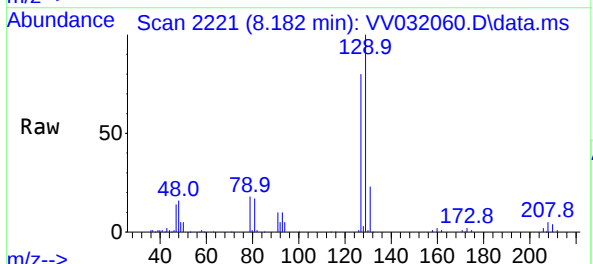
Instrument :
MSVOA_V
ClientSampleId :

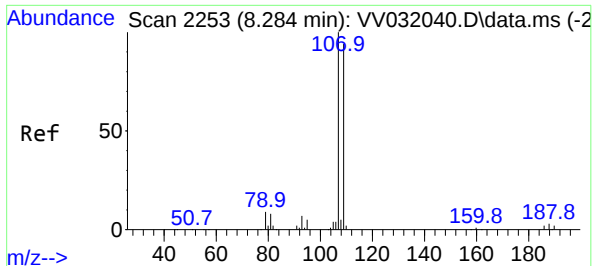
Tgt Ion: 43 Resp: 244334
Ion Ratio Lower Upper
43 100
58 53.6 44.0 66.0
57 17.4 15.9 23.9
100 10.9 10.0 15.0



#49
Dibromochloromethane
Concen: 45.997 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

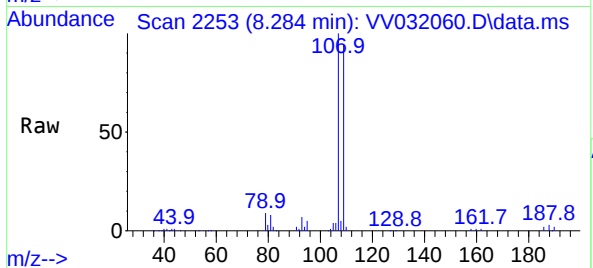
Tgt Ion: 129 Resp: 84400
Ion Ratio Lower Upper
129 100
127 79.5 54.7 101.7



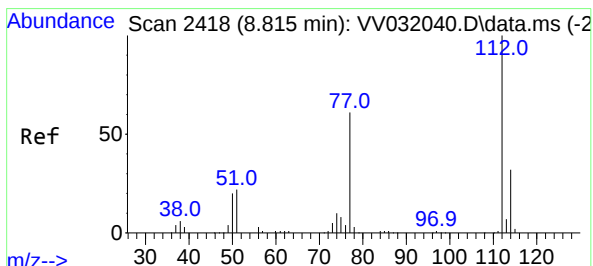
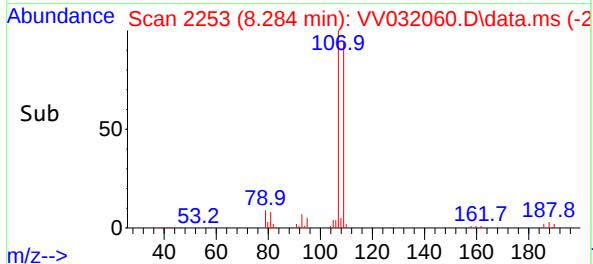
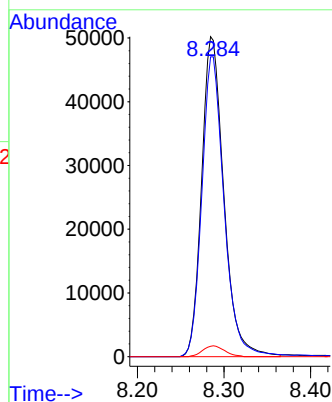


#50
1,2-Dibromoethane
Concen: 47.736 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Instrument :
MSVOA_V
ClientSampleId :

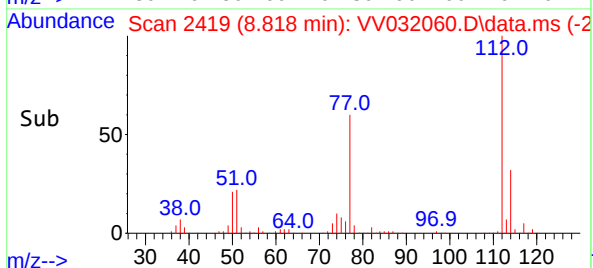
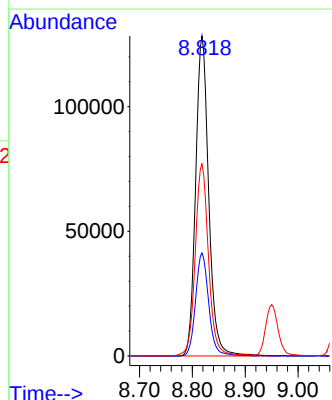
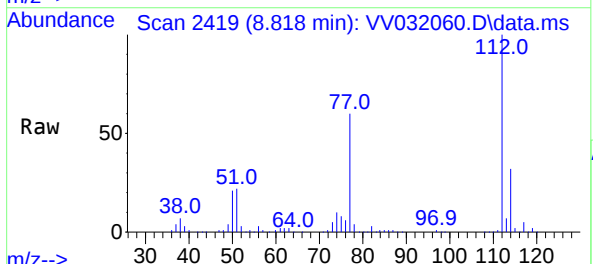


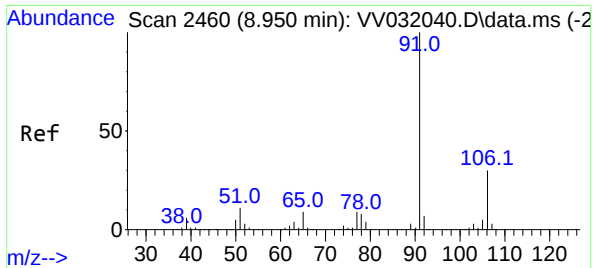
Tgt Ion:107 Resp: 89279
Ion Ratio Lower Upper
107 100
109 93.7 65.4 121.4
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 48.367 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion:112 Resp: 220447
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 60.0 49.4 74.0

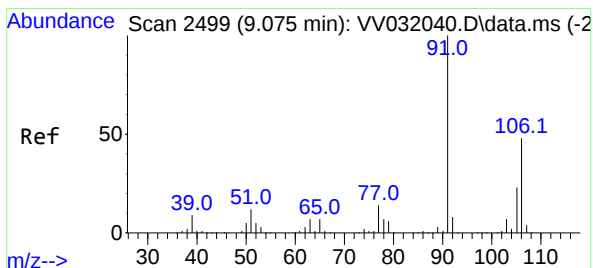
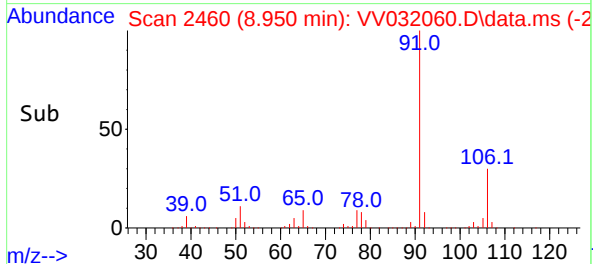
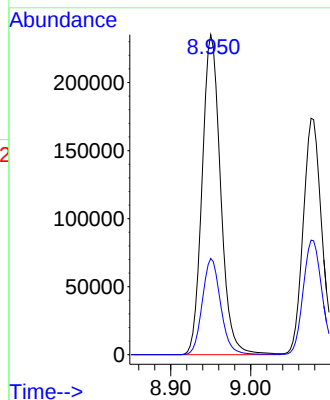
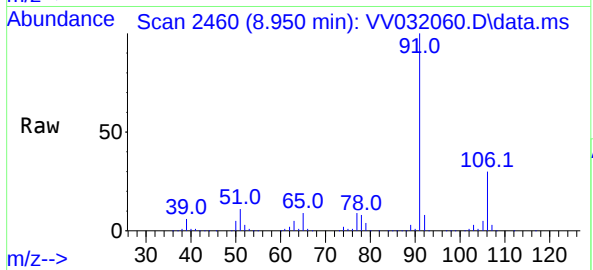




#52
Ethylbenzene
Concen: 46.556 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

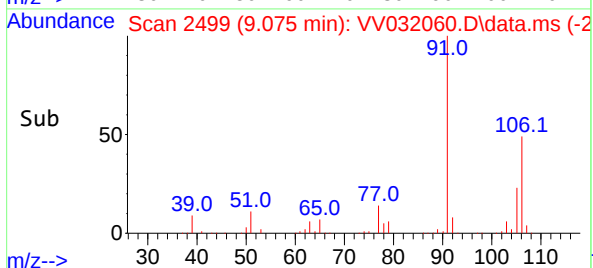
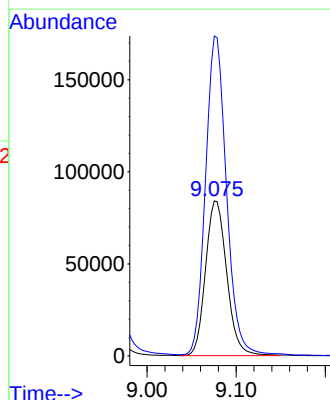
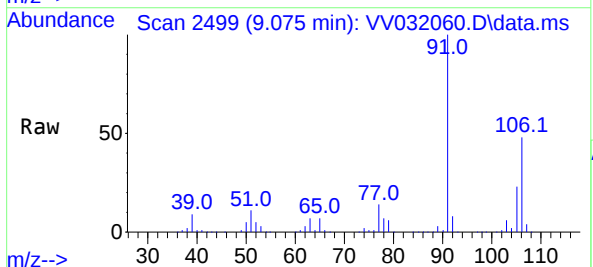
Instrument :
MSVOA_V
ClientSampleId :

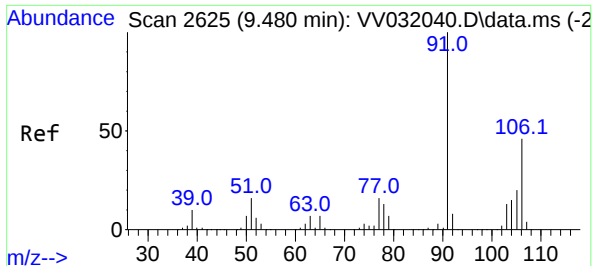
Tgt Ion: 91 Resp: 378271
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#53
m,p-Xylene
Concen: 46.006 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 106 Resp: 138792
Ion Ratio Lower Upper
106 100
91 206.4 147.0 273.0

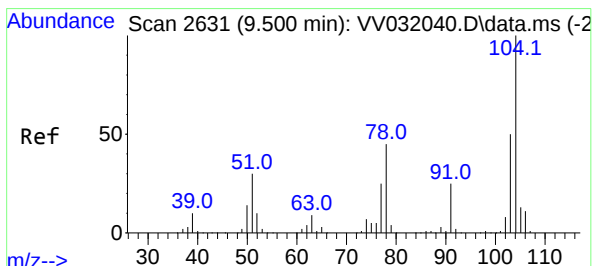
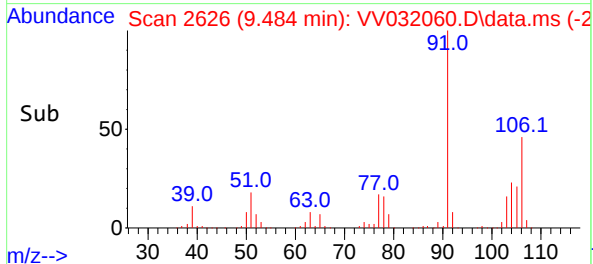
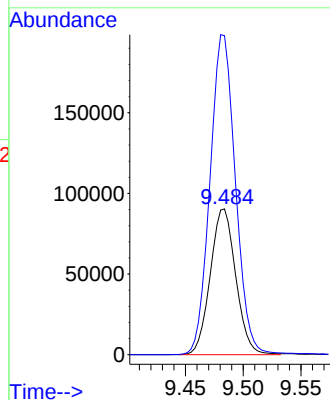
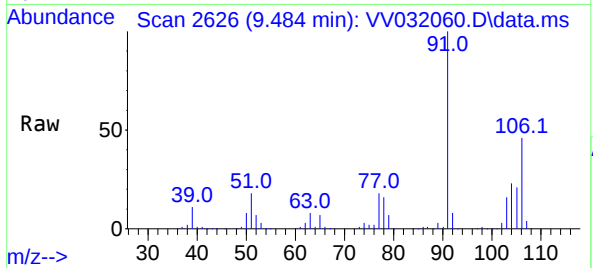




#54
o-Xylene
Concen: 46.265 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

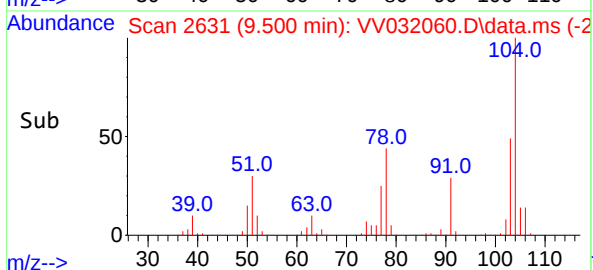
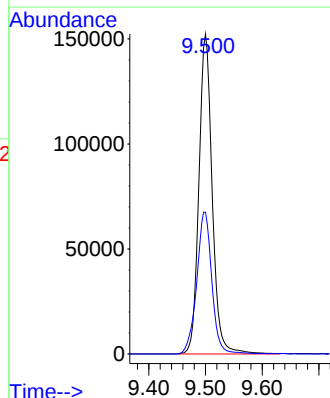
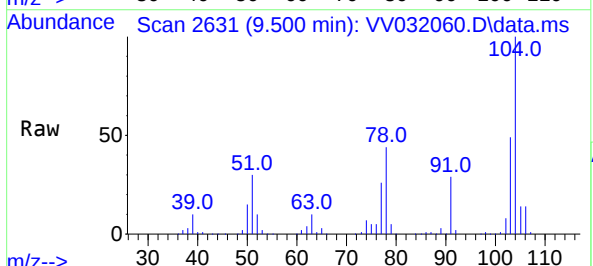
Instrument :
MSVOA_V
ClientSampleId :

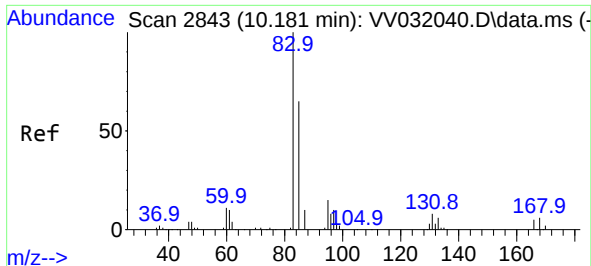
Tgt Ion:106 Resp: 138818
Ion Ratio Lower Upper
106 100
91 218.8 154.3 286.5



#55
Styrene
Concen: 46.848 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion:104 Resp: 248493
Ion Ratio Lower Upper
104 100
78 44.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 59.206 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

ClientSampleId :

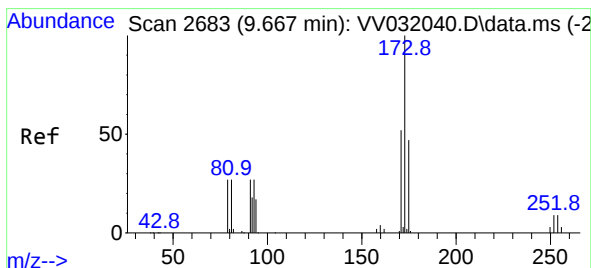
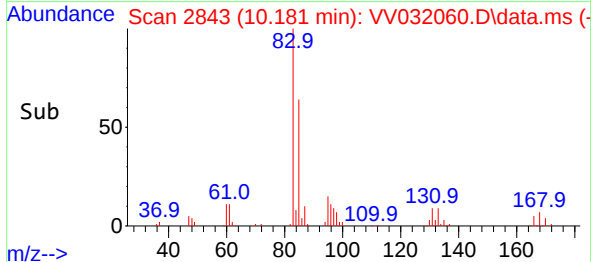
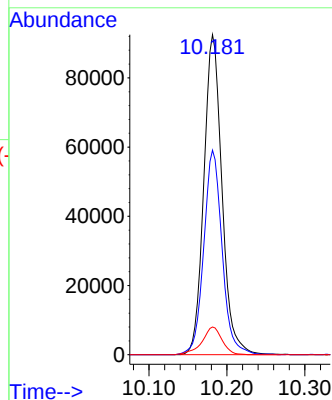
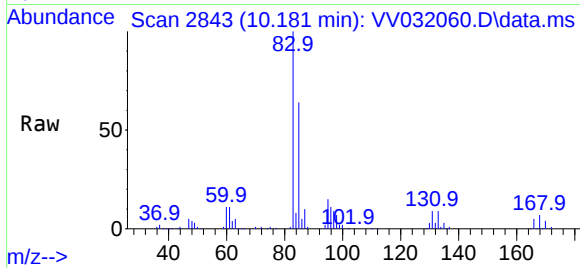
Tgt Ion: 83 Resp: 149658

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9

131 8.7 7.4 11.2



#59

Bromoform

Concen: 46.546 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.003 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

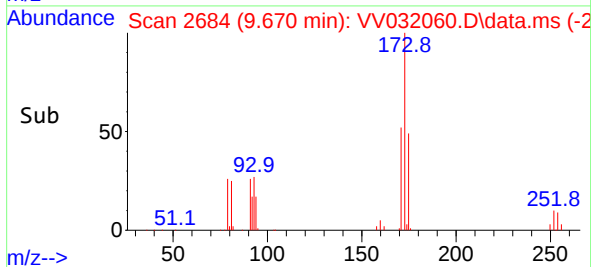
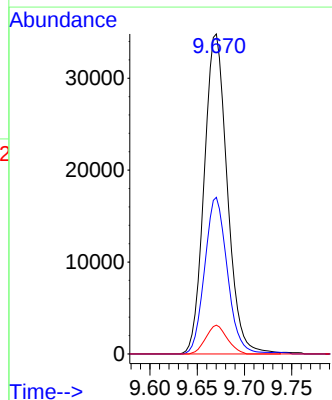
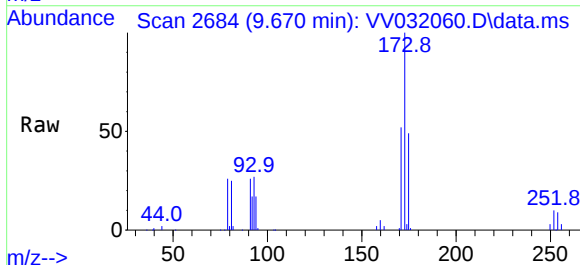
Tgt Ion: 173 Resp: 59132

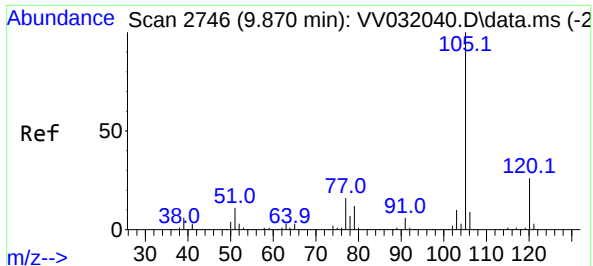
Ion Ratio Lower Upper

173 100

175 48.1 38.3 57.5

254 8.3 6.9 10.3

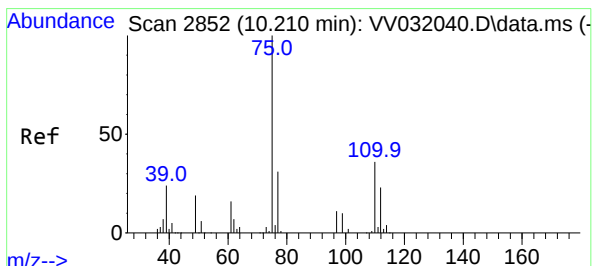
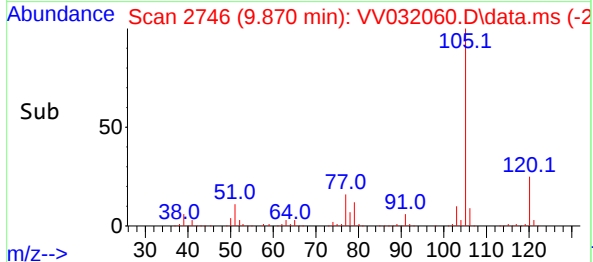
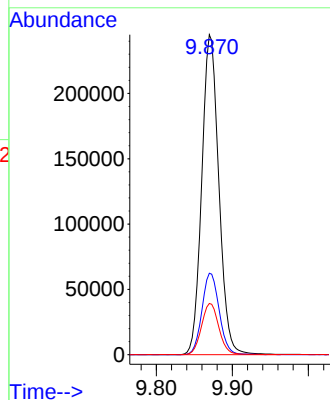
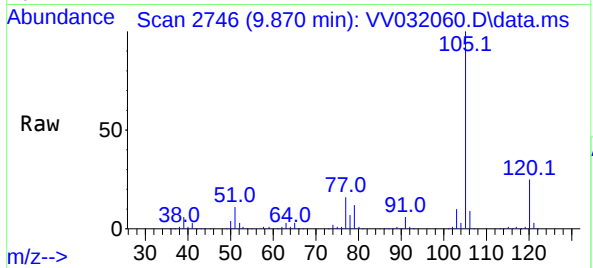




#60
Isopropylbenzene
Concen: 46.694 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

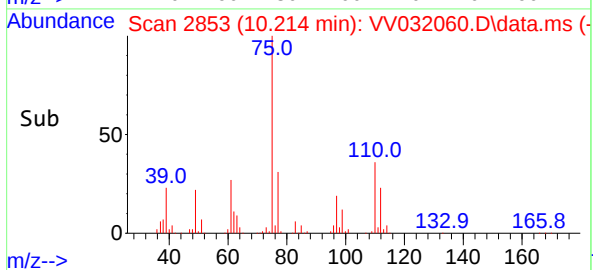
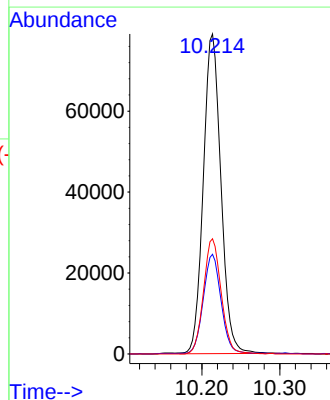
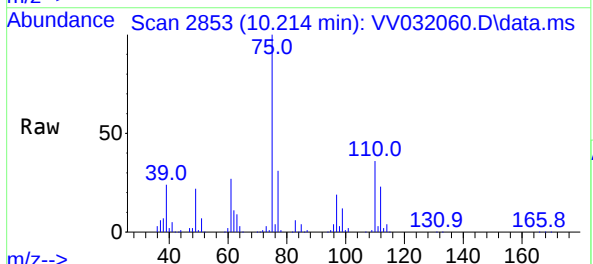
Instrument :
MSVOA_V
ClientSampleId :

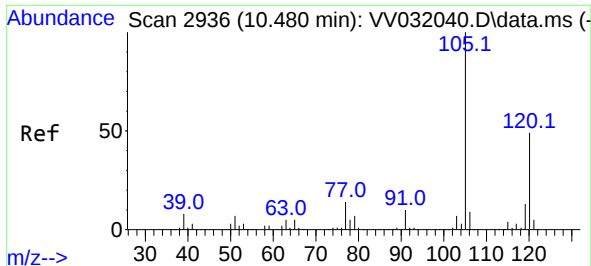
Tgt Ion:105 Resp: 383151
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.3 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 53.539 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion: 75 Resp: 123919
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
110 36.1 30.3 45.5

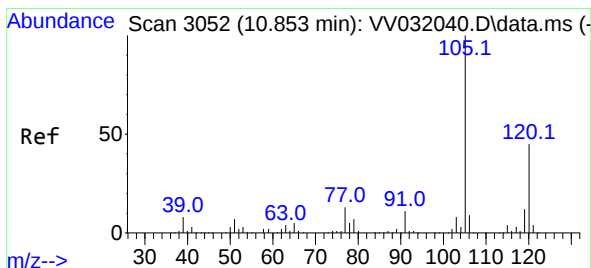
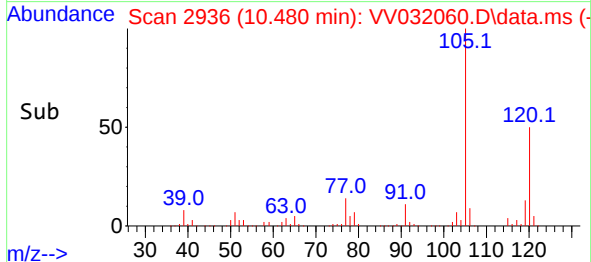
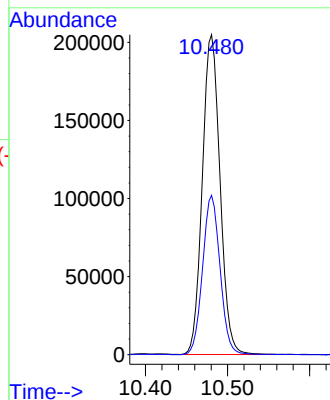
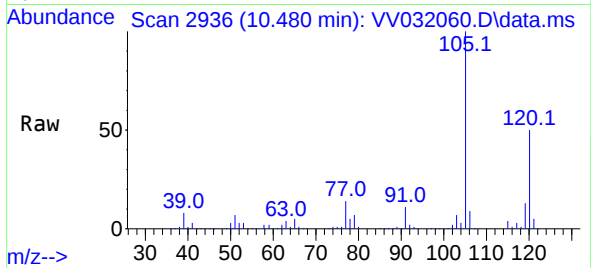




#62
1,3,5-Trimethylbenzene
Concen: 44.511 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

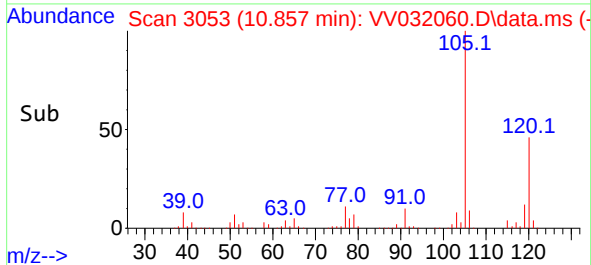
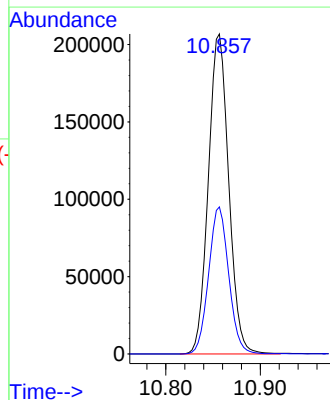
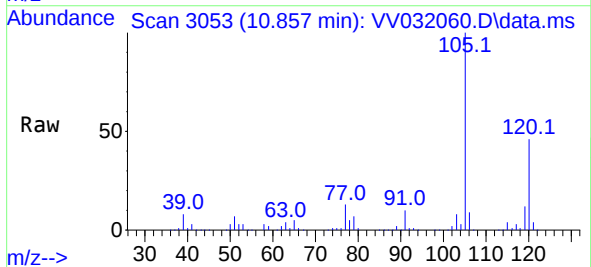
Instrument :
MSVOA_V
ClientSampleId :

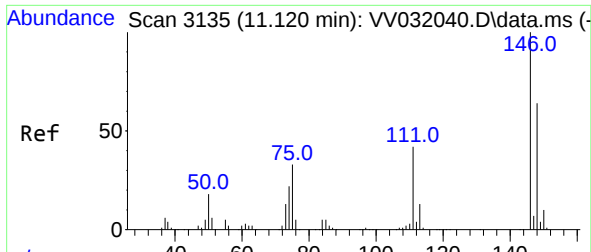
Tgt Ion:105 Resp: 307271
Ion Ratio Lower Upper
105 100
120 49.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 44.586 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion:105 Resp: 309630
Ion Ratio Lower Upper
105 100
120 45.4 35.9 53.9

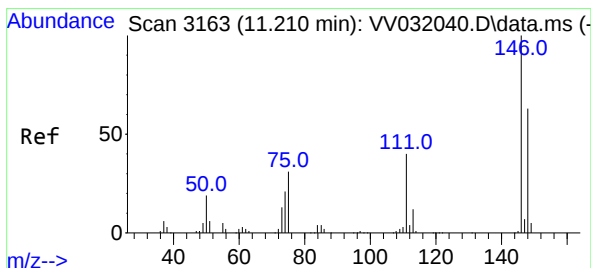
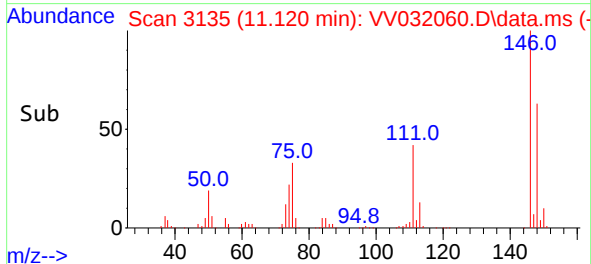
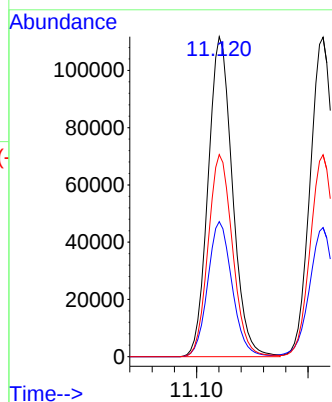
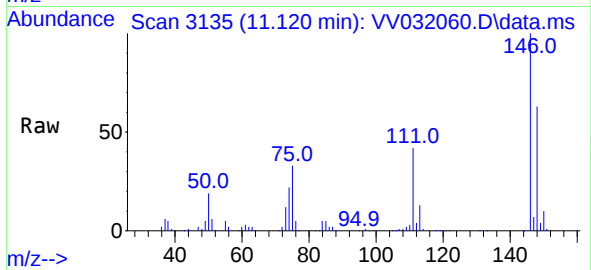




#64
1,3-Dichlorobenzene
Concen: 46.191 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

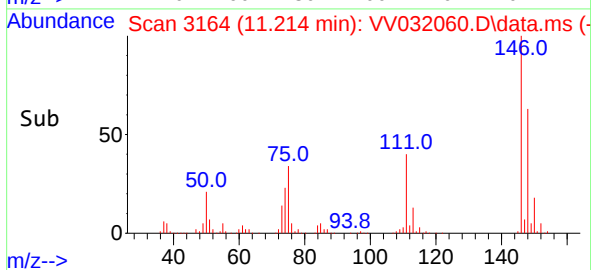
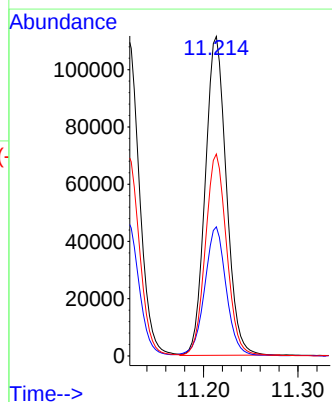
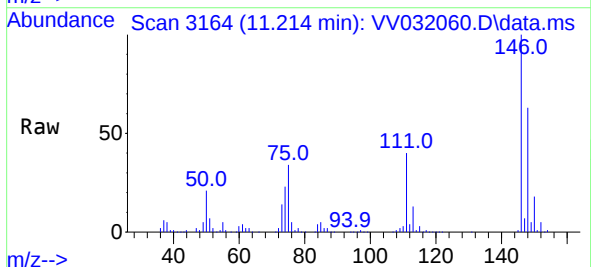
Instrument :
MSVOA_V
ClientSampleId :

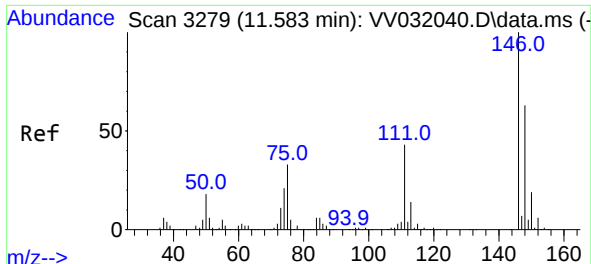
Tgt Ion:146 Resp: 169863
Ion Ratio Lower Upper
146 100
111 42.2 30.2 56.0
148 63.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 46.207 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion:146 Resp: 172784
Ion Ratio Lower Upper
146 100
111 40.4 28.5 52.9
148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 47.655 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

Instrument :

MSVOA_V

ClientSampleId :

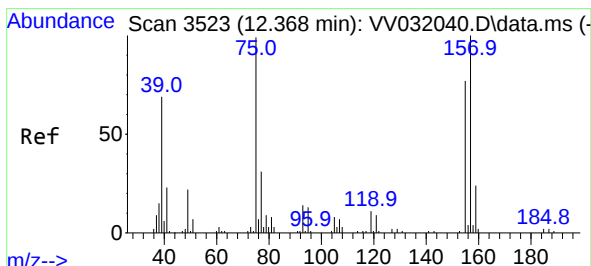
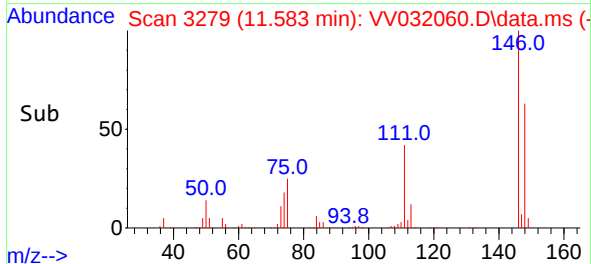
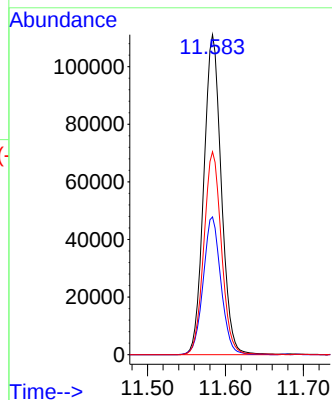
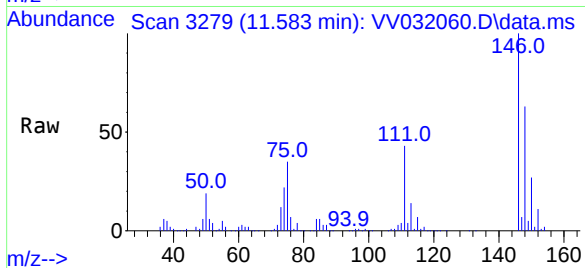
Tgt Ion:146 Resp: 173654

Ion Ratio Lower Upper

146 100

111 43.1 35.8 53.6

148 63.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 46.852 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032060.D

Acq: 12 Sep 2023 19:47

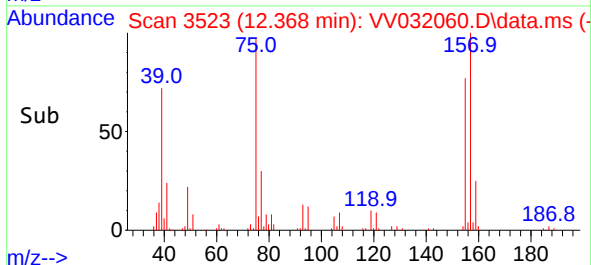
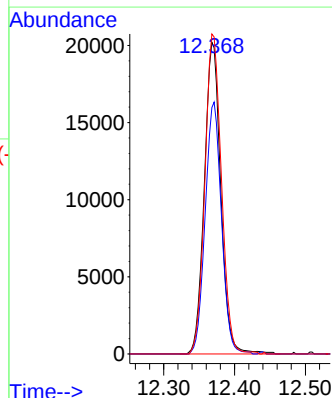
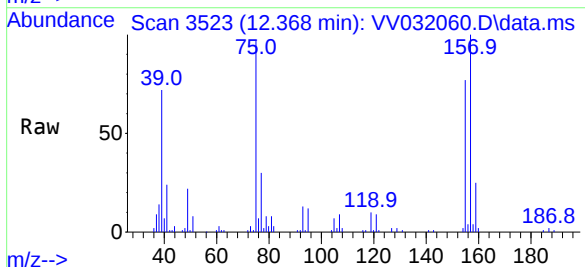
Tgt Ion: 75 Resp: 32573

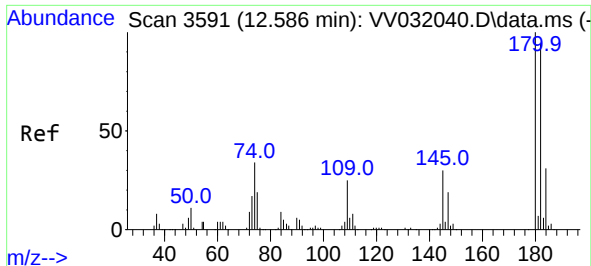
Ion Ratio Lower Upper

75 100

155 79.1 60.1 90.1

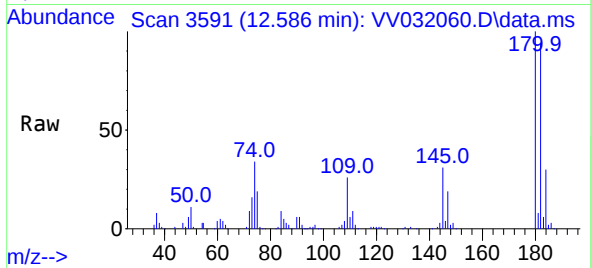
157 102.7 77.3 115.9



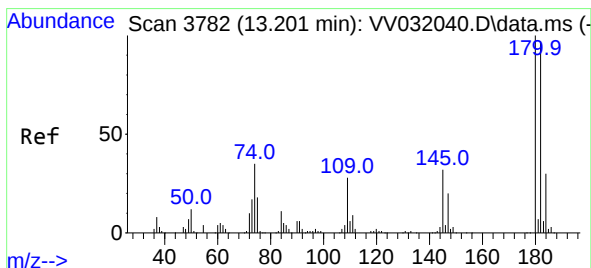
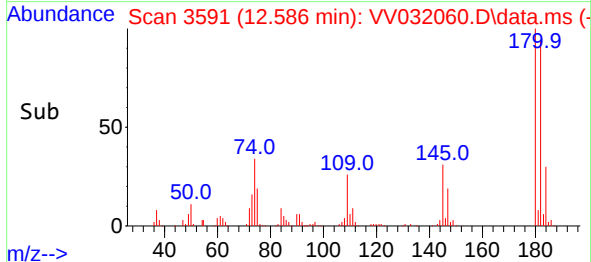
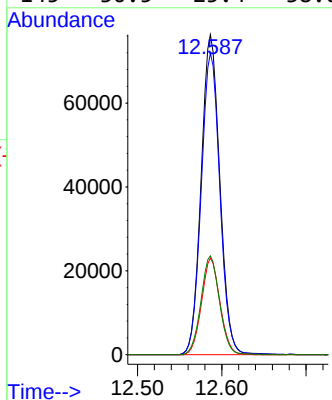


#69
 1,3,5-Trichlorobenzene
 Concen: 44.003 ug/L
 RT: 12.586 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032060.D
 Acq: 12 Sep 2023 19:47

Instrument :
 MSVOA_V
 ClientSampleId :

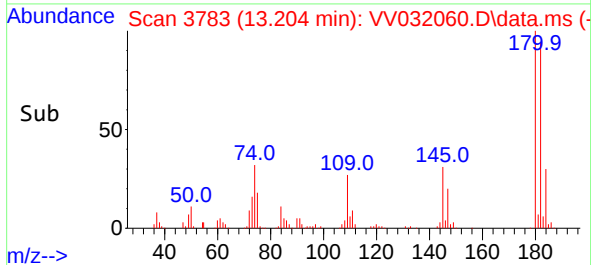
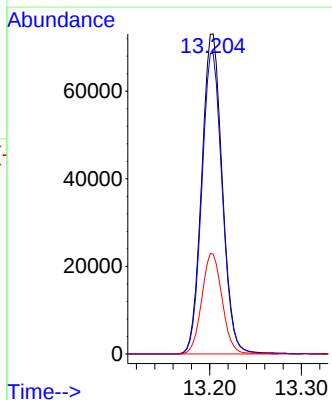
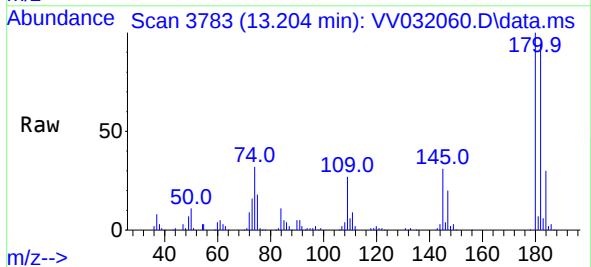


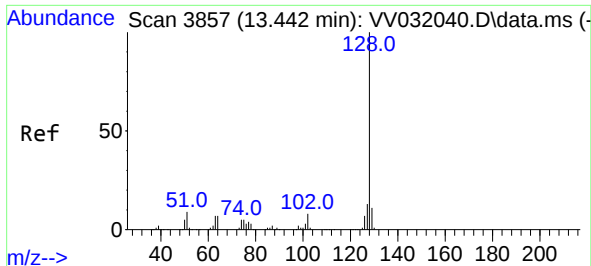
Tgt Ion:180 Resp: 117965
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.4 113.2
 184 29.6 23.7 35.5
 145 30.5 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 44.198 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.003 min
 Lab File: VV032060.D
 Acq: 12 Sep 2023 19:47

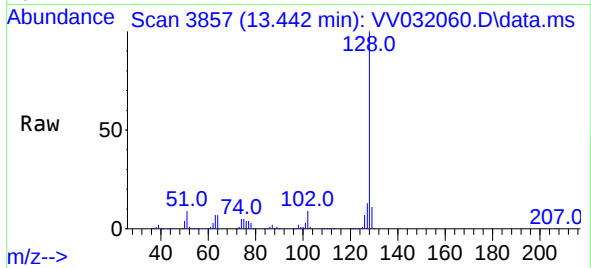
Tgt Ion:180 Resp: 113735
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.4 113.2
 145 31.1 26.0 39.0



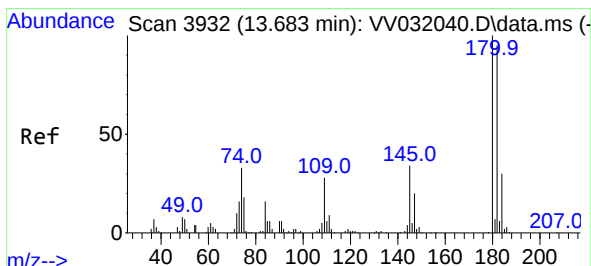
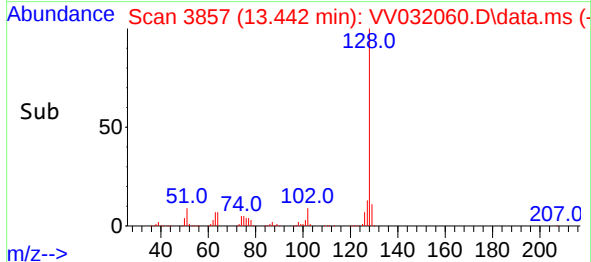
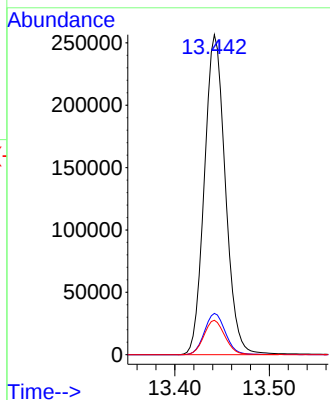


#71
Naphthalene
Concen: 48.087 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 395350
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 46.828 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032060.D
Acq: 12 Sep 2023 19:47

Tgt Ion:180 Resp: 115470
Ion Ratio Lower Upper
180 100
182 95.2 76.7 115.1
145 32.8 27.7 41.5

