

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
 Data File : VV036492.D
 Acq On : 11 Jul 2024 11:36
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 12 01:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 01:09:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	347731	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	361395	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	206364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	244355	49.049	ug/L	0.00
7) Chloroethane-d5	1.526	69	209502	48.099	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	119362	46.658	ug/L	0.00
21) 2-Butanone-d5	3.828	46	23242	27.263	ug/L	-0.03
24) Chloroform-d	4.240	84	485940	48.010	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	243124	48.429	ug/L	0.00
32) Benzene-d6	4.950	84	925476	51.331	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	269958	45.125	ug/L	0.00
41) Toluene-d8	7.236	98	909509	54.673	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	120270	53.836	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	67665	110.759	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	206545	45.641	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	339015	48.408	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	211735	42.014	ug/L	100
3) Chloromethane	1.211	50	164606	40.702	ug/L	97
5) Vinyl chloride	1.275	62	212455	42.693	ug/L	98
6) Bromomethane	1.481	94	167146	41.627	ug/L	99
8) Chloroethane	1.542	64	146649	42.596	ug/L	99
9) Trichlorofluoromethane	1.706	101	388114	43.941	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	260577	43.753	ug/L	99
12) 1,1-Dichloroethene	2.060	96	215044	41.863	ug/L	94
13) Acetone	2.163	43	78676	54.920	ug/L	83
14) Carbon disulfide	2.230	76	451545	39.150	ug/L	100
15) Methyl Acetate	2.388	43	69223	43.409	ug/L	99
16) Methylene chloride	2.439	84	271042	37.899	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	212949	45.617	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	545060	52.105	ug/L	100
19) 1,1-Dichloroethane	3.105	63	398804	47.197	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	246077	49.882	ug/L	98
22) 2-Butanone	3.908	43	81793	87.465	ug/L #	51
23) Bromochloromethane	4.140	128	131011	47.541	ug/L	98
25) Chloroform	4.269	83	476000	47.443	ug/L	99
27) 1,2-Dichloroethane	5.034	62	281705	49.983	ug/L	99
29) Cyclohexane	4.574	56	237083	51.569	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	393255	46.810	ug/L	99
31) Carbon tetrachloride	4.728	117	346851	46.553	ug/L	98
33) Benzene	5.002	78	888785	49.696	ug/L	100
34) Trichloroethene	5.825	95	274451	48.225	ug/L	99
35) Methylcyclohexane	6.047	83	337474	51.958	ug/L	97
37) 1,2-Dichloropropane	6.085	63	235297	52.132	ug/L	99
38) Bromodichloromethane	6.426	83	346193	48.407	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	372160	53.471	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	214274	109.903	ug/L	94
42) Toluene	7.310	91	1012652	53.437	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	340896	54.934	ug/L	100

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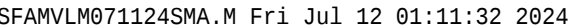
Instrument :
 MSVOA_V
 ClientSampleId :

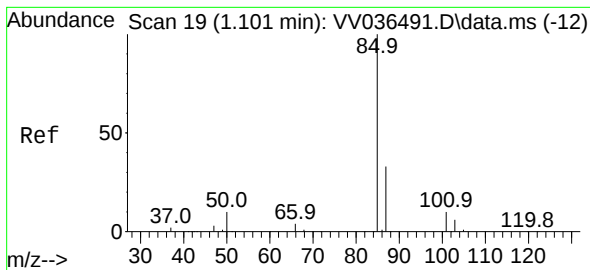
Quant Time: Jul 12 01:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 01:09:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	216970	48.784	ug/L	99
46) Tetrachloroethene	7.902	164	216678	47.088	ug/L	99
48) 2-Hexanone	8.075	43	155447	101.694	ug/L	98
49) Dibromochloromethane	8.172	129	263534	49.000	ug/L	99
50) 1,2-Dibromoethane	8.278	107	206759	49.534	ug/L	100
51) Chlorobenzene	8.809	112	702674	49.511	ug/L	100
52) Ethylbenzene	8.940	91	1138812	56.021	ug/L	99
53) m,p-Xylene	9.069	106	446458	57.045	ug/L	99
54) o-Xylene	9.474	106	432696	58.069	ug/L	99
55) Styrene	9.490	104	788475	59.548	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	189972	46.776	ug/L	97
59) Bromoform	9.661	173	177331	48.485	ug/L	99
60) Isopropylbenzene	9.863	105	1178943	57.185	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	169445	46.150	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	887666	60.124	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	974942	60.688	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	622308	51.061	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	641344	49.007	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	585062	49.955	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	37181	46.804	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	475148	50.351	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	381291	50.802	ug/L	100
71) Naphthalene	13.435	128	609227	54.047	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	354561	49.933	ug/L	99

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

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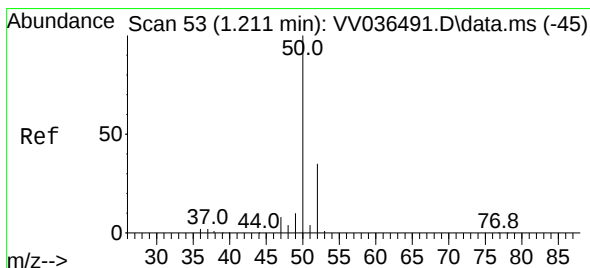
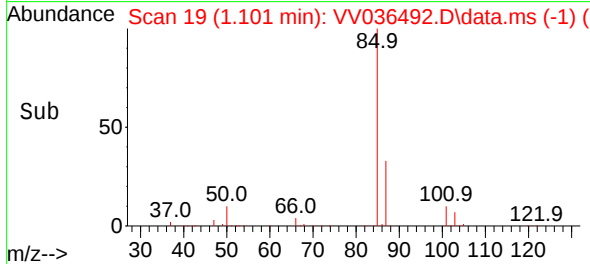
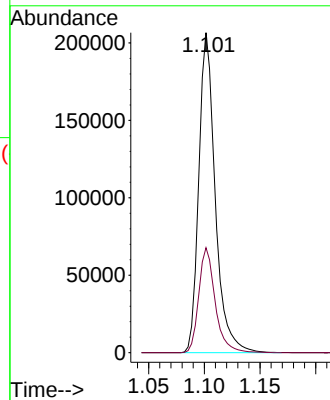
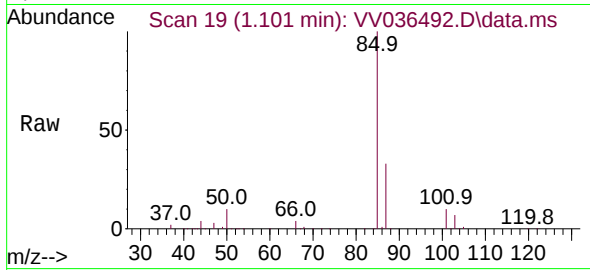




#2
 Dichlorodifluoromethane
 Concen: 42.014 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036492.D
 Acq: 11 Jul 2024 11:36

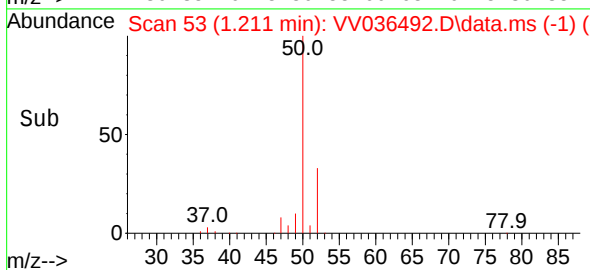
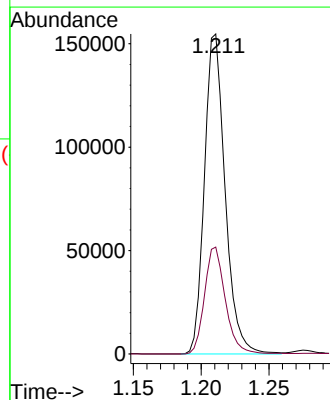
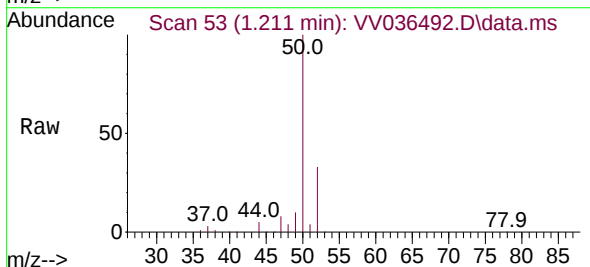
Instrument :
 MSVOA_V
 ClientSampleId :

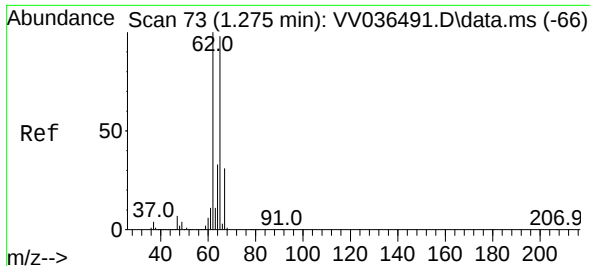
Tgt Ion: 85 Resp: 211735
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.2



#3
 Chloromethane
 Concen: 40.702 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036492.D
 Acq: 11 Jul 2024 11:36

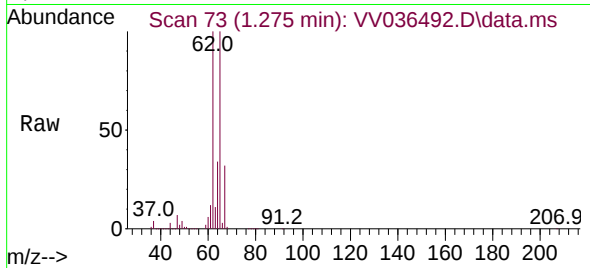
Tgt Ion: 50 Resp: 164606
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.4 45.4



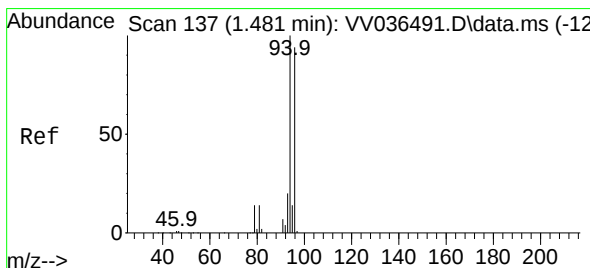
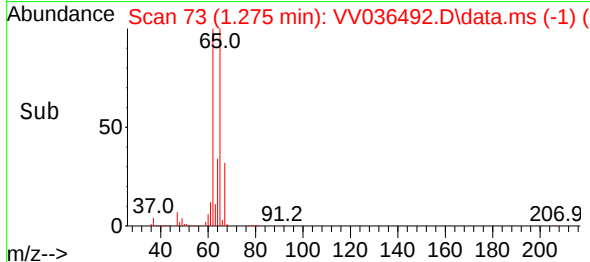
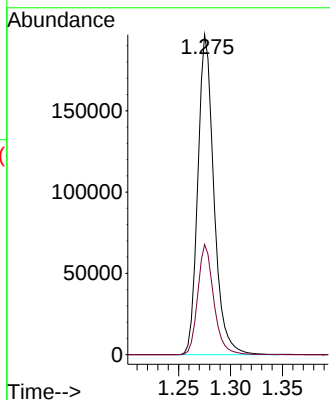


#5
 Vinyl chloride
 Concen: 42.693 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VV036492.D
 Acq: 11 Jul 2024 11:36

Instrument :
 MSVOA_V
 ClientSampleId :

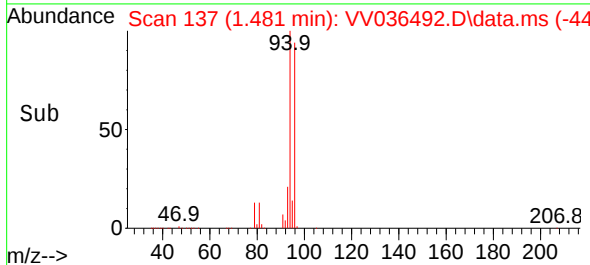
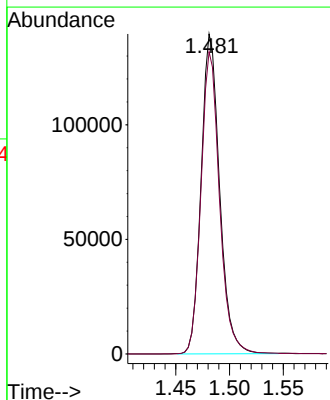
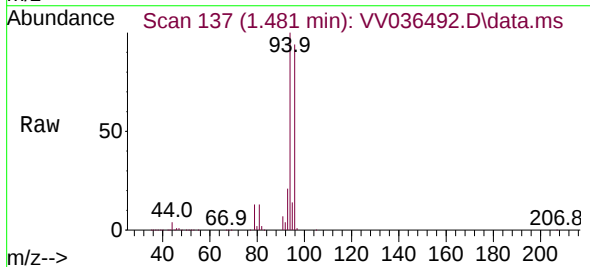


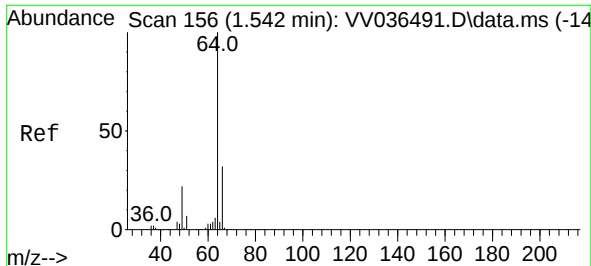
Tgt Ion: 62 Resp: 212455
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.4 43.4



#6
 Bromomethane
 Concen: 41.627 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VV036492.D
 Acq: 11 Jul 2024 11:36

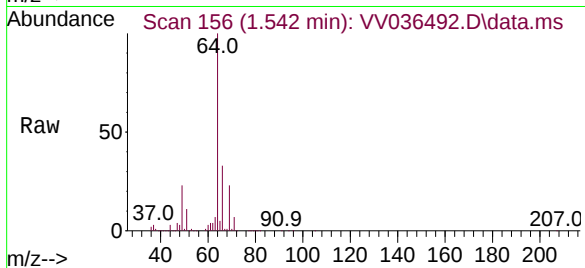
Tgt Ion: 94 Resp: 167146
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.6 121.8



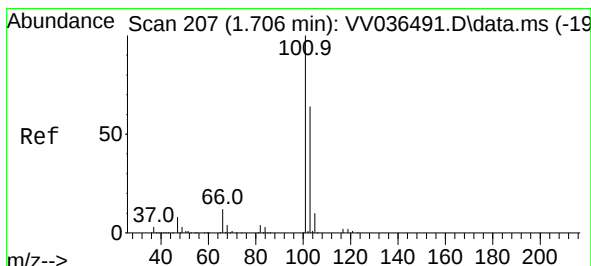
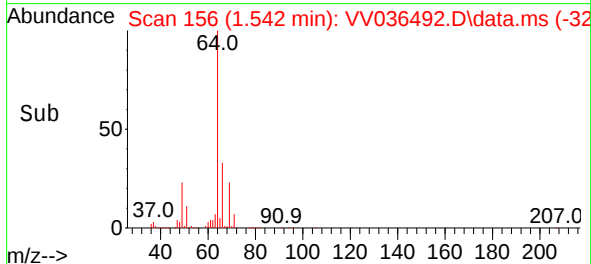
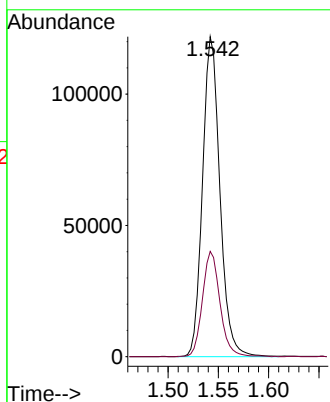


#8
Chloroethane
Concen: 42.596 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Instrument :
MSVOA_V
ClientSampleId :

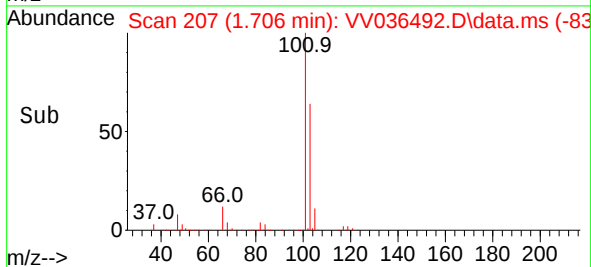
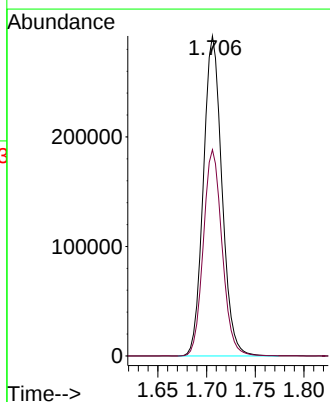
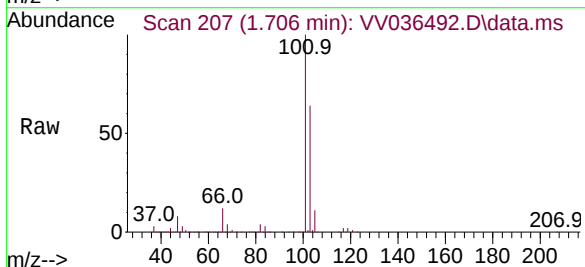


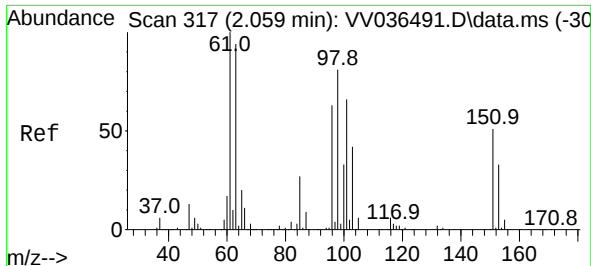
Tgt Ion: 64 Resp: 146649
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 43.941 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion:101 Resp: 388114
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9





#10

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

Concen: 43.753 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

ClientSampleId :

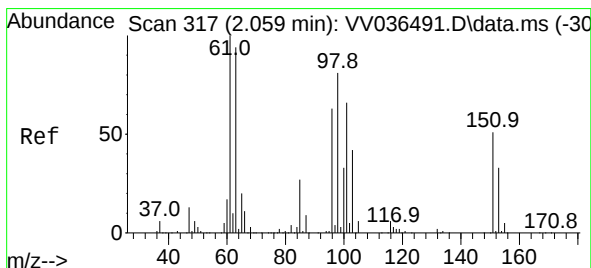
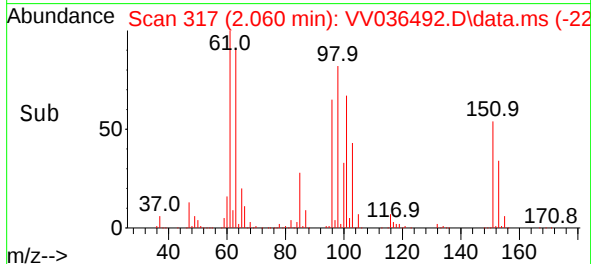
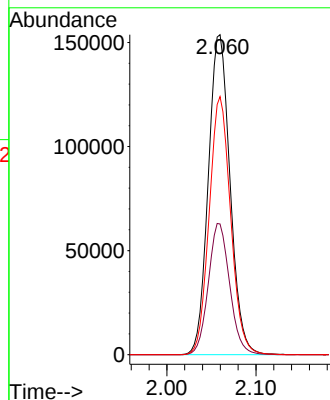
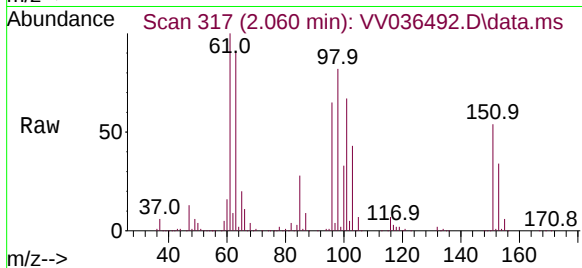
Tgt Ion:101 Resp: 260577

Ion Ratio Lower Upper

101 100

85 40.2 32.5 48.7

151 79.5 62.6 94.0



#12

1,1-Dichloroethene

Concen: 41.863 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

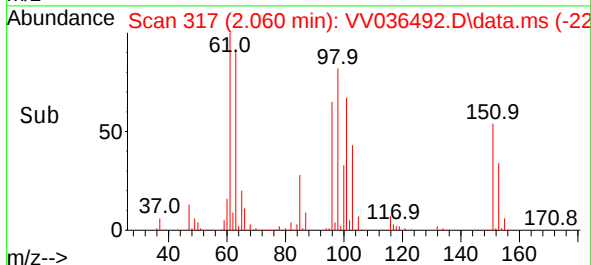
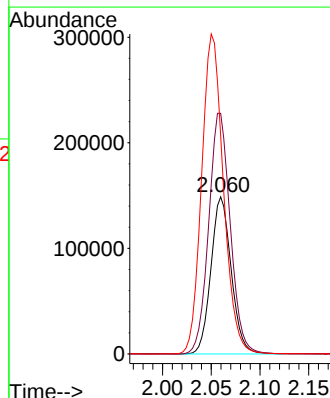
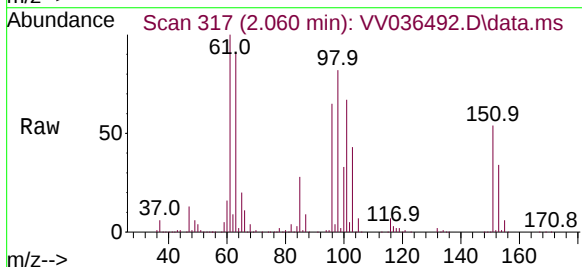
Tgt Ion: 96 Resp: 215044

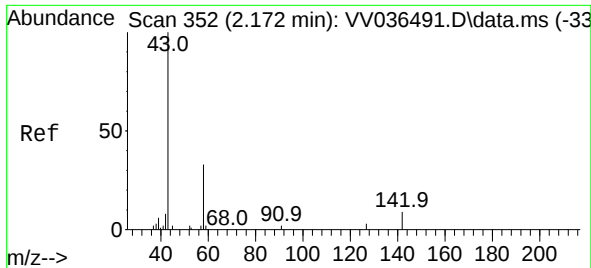
Ion Ratio Lower Upper

96 100

61 153.1 110.8 205.8

63 138.9 103.9 192.9





#13

Acetone

Concen: 54.920 ug/L

RT: 2.163 min Scan# 349

Delta R.T. -0.010 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

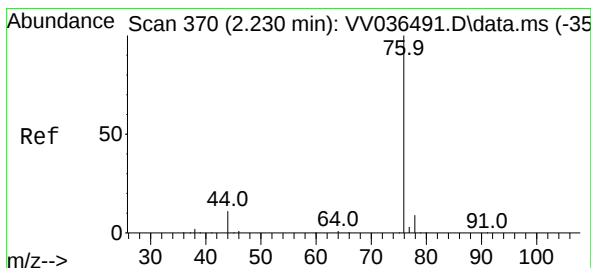
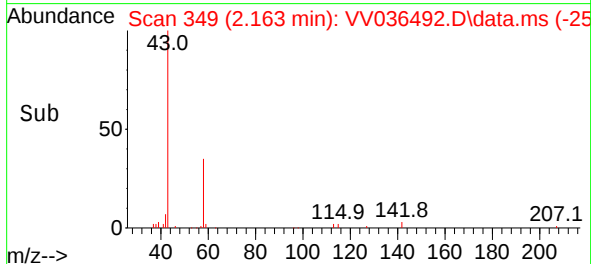
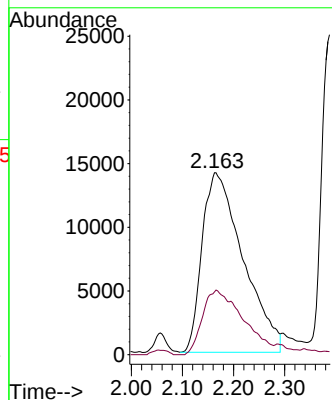
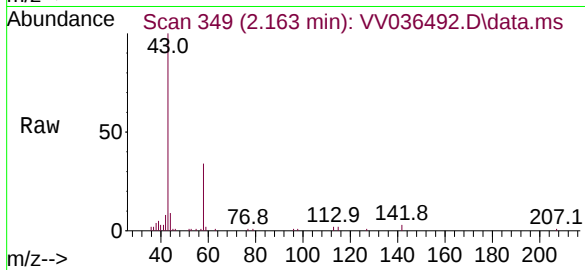
ClientSampleId :

Tgt Ion: 43 Resp: 78676

Ion Ratio Lower Upper

43 100

58 21.3 0.0 28.4



#14

Carbon disulfide

Concen: 39.150 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036492.D

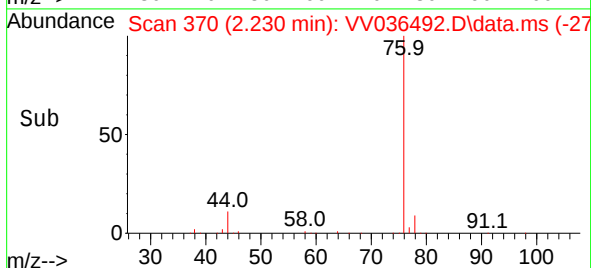
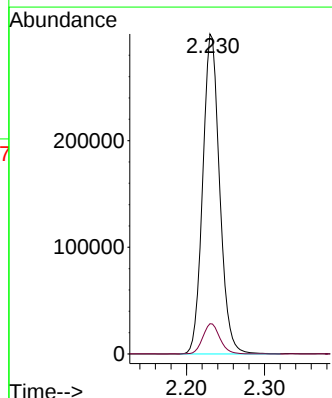
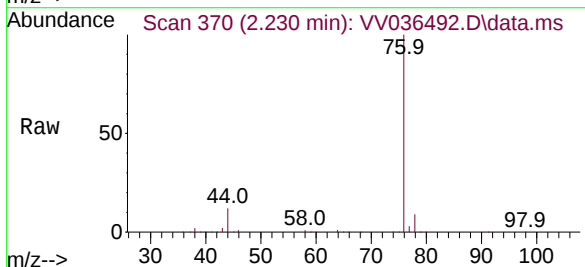
Acq: 11 Jul 2024 11:36

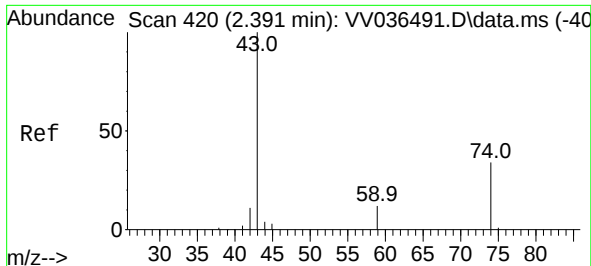
Tgt Ion: 76 Resp: 451545

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 43.409 ug/L

RT: 2.388 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

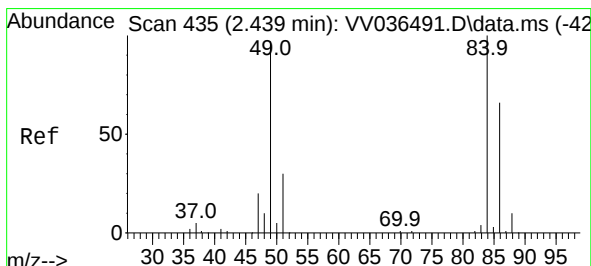
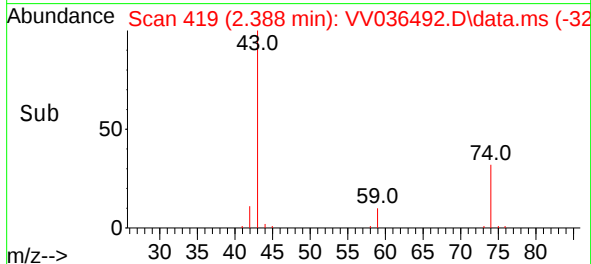
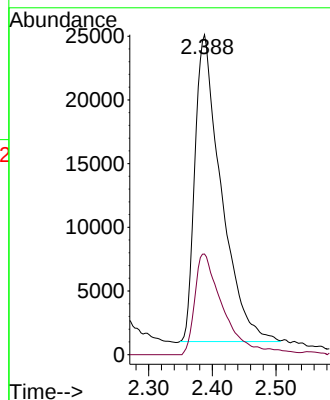
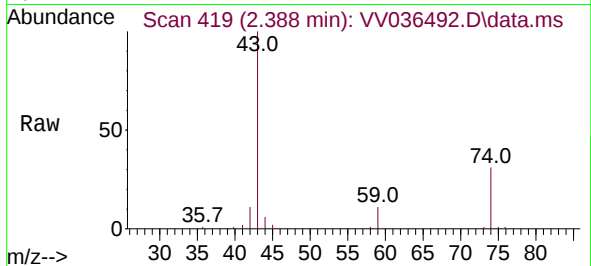
ClientSampleId :

Tgt Ion: 43 Resp: 69223

Ion Ratio Lower Upper

43 100

74 33.5 26.3 39.5



#16

Methylene chloride

Concen: 37.899 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

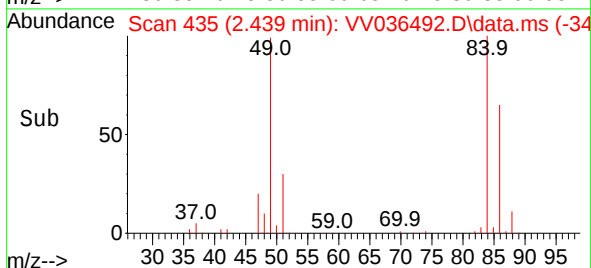
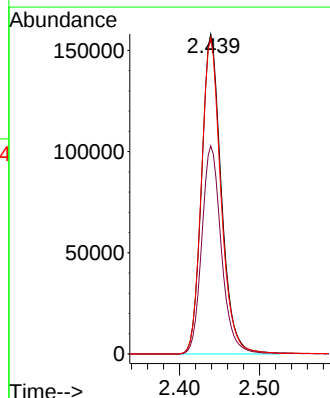
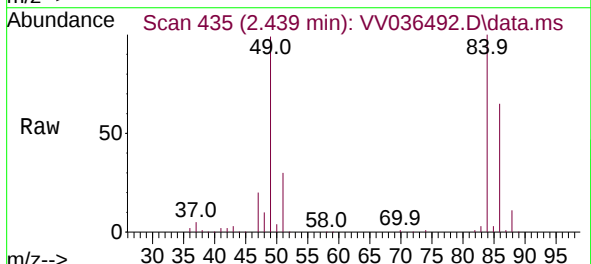
Tgt Ion: 84 Resp: 271042

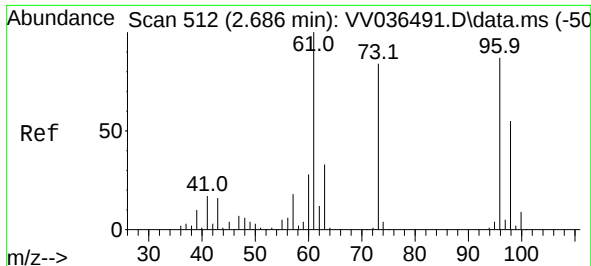
Ion Ratio Lower Upper

84 100

86 65.0 46.3 86.1

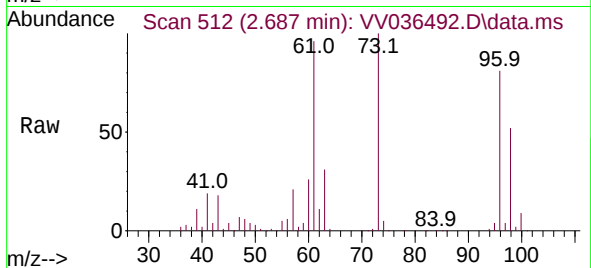
49 98.7 68.1 126.5





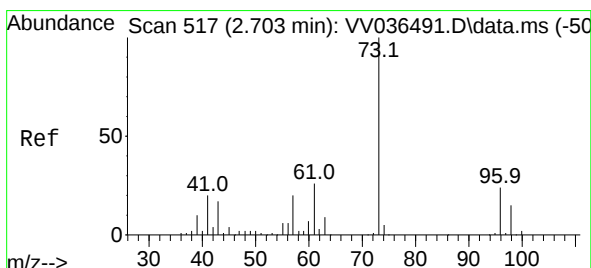
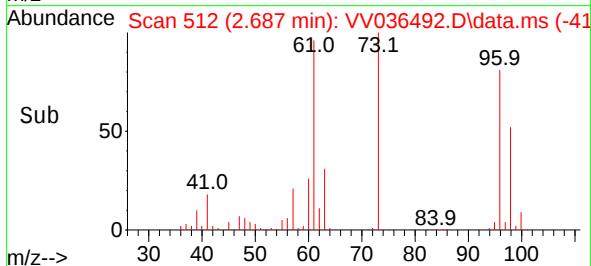
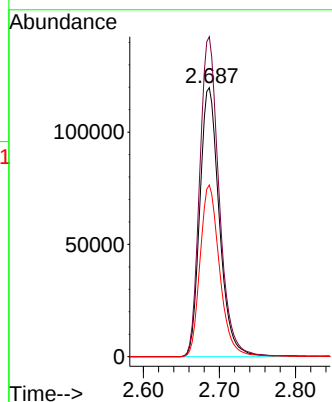
#17
trans-1,2-Dichloroethene
Concen: 45.617 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 212949

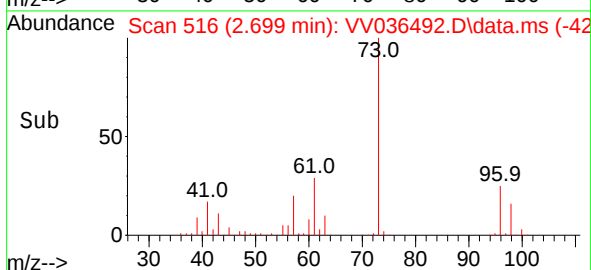
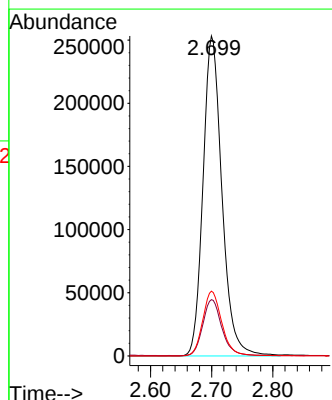
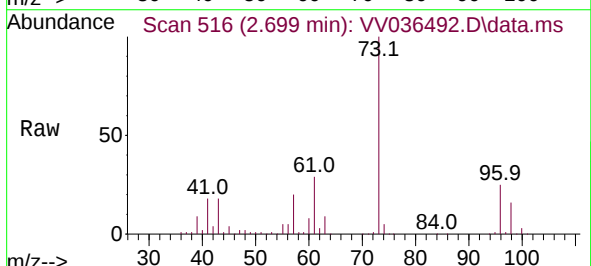
Ion	Ratio	Lower	Upper
96	100		
61	118.9	80.7	149.9
98	63.8	44.6	82.8

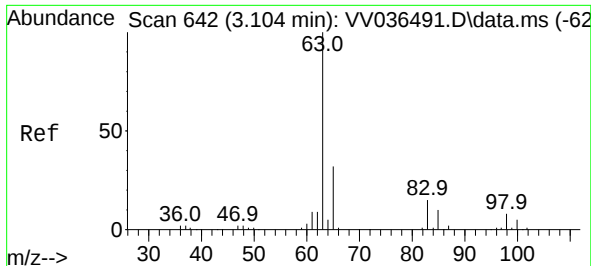


#18
Methyl tert-butyl Ether
Concen: 52.105 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion: 73 Resp: 545060

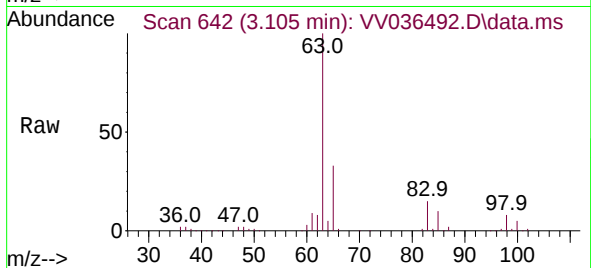
Ion	Ratio	Lower	Upper
73	100		
43	17.6	14.3	21.5
57	20.4	16.5	24.7



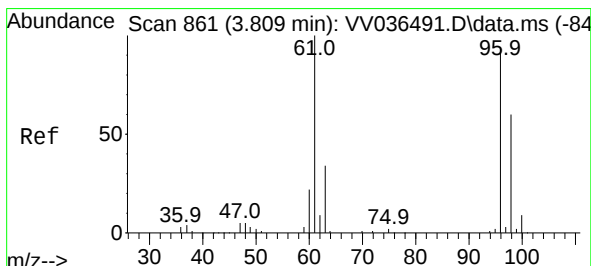
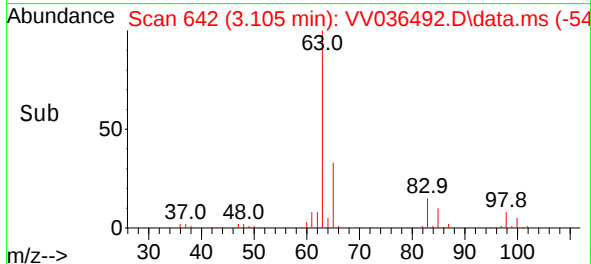
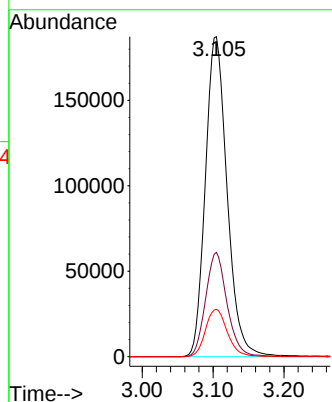


#19
1,1-Dichloroethane
Concen: 47.197 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Instrument :
MSVOA_V
ClientSampleId :

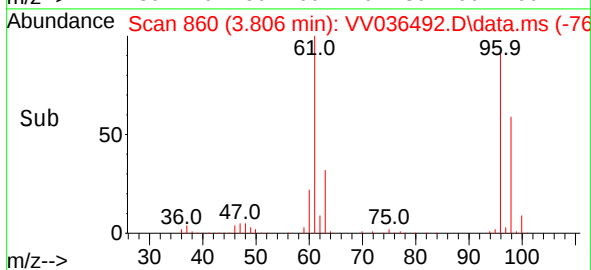
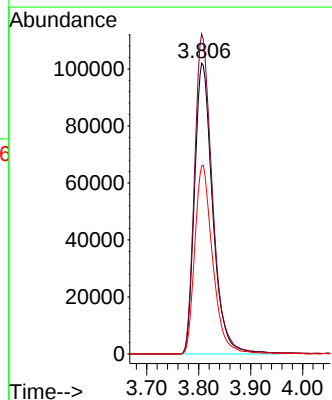
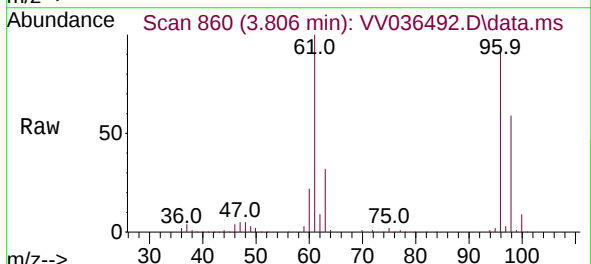


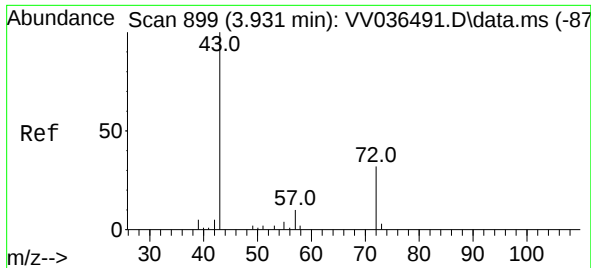
Tgt Ion: 63 Resp: 398804
Ion Ratio Lower Upper
63 100
65 32.6 22.7 42.1
83 14.8 10.9 20.2



#20
cis-1,2-Dichloroethene
Concen: 49.882 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion: 96 Resp: 246077
Ion Ratio Lower Upper
96 100
61 110.0 74.8 138.8
98 64.7 45.2 84.0

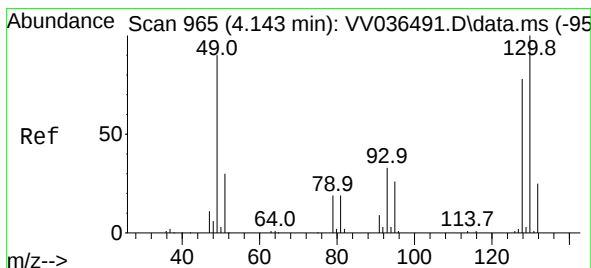
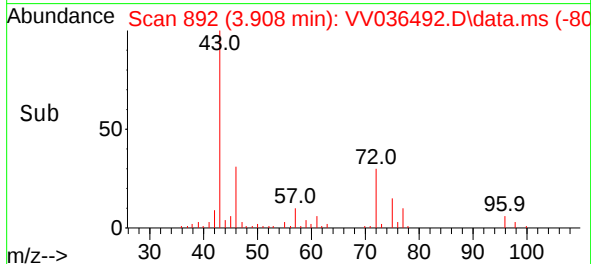
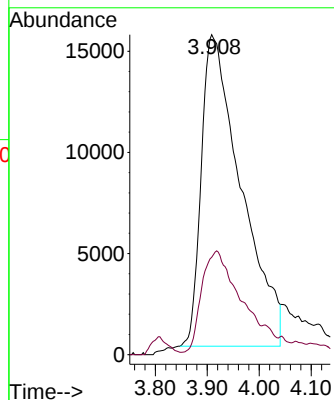
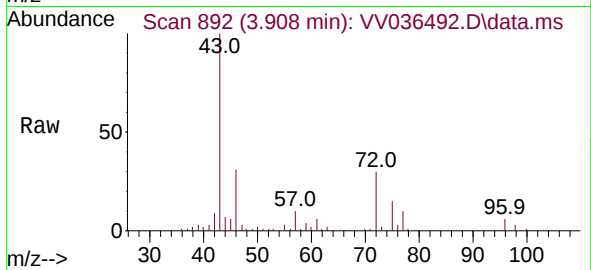




#22
2-Butanone
Concen: 87.465 ug/L
RT: 3.908 min Scan# 899
Delta R.T. -0.022 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

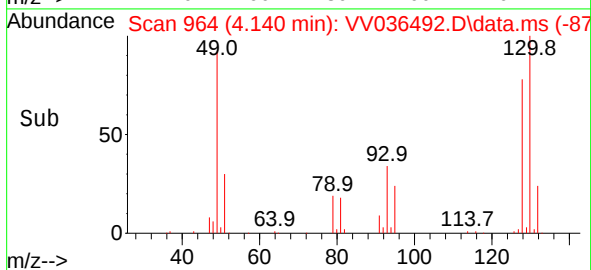
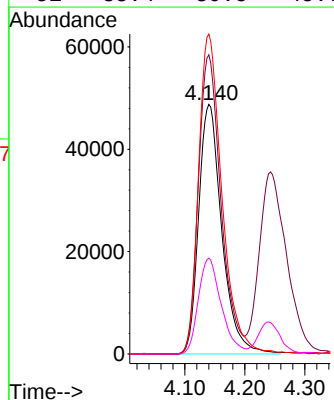
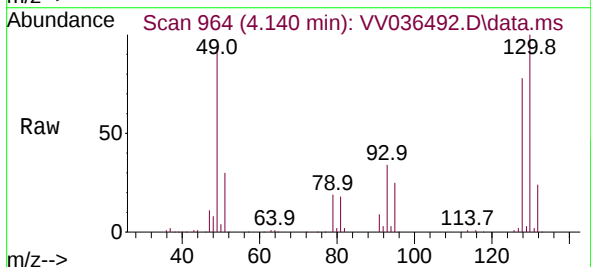
Instrument :
MSVOA_V
ClientSampleId :

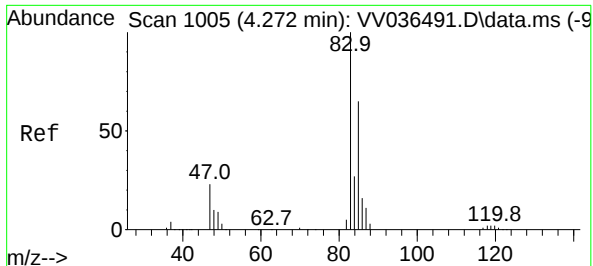
Tgt Ion: 43 Resp: 81793
Ion Ratio Lower Upper
43 100
72 30.7 5.9 17.6#



#23
Bromochloromethane
Concen: 47.541 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion:128 Resp: 131011
Ion Ratio Lower Upper
128 100
49 119.9 80.7 149.9
130 128.2 89.9 167.0
51 38.4 30.5 45.7





#25

Chloroform

Concen: 47.443 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

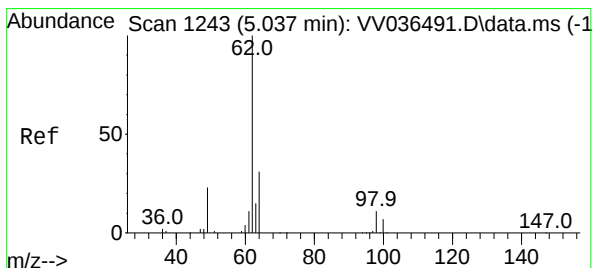
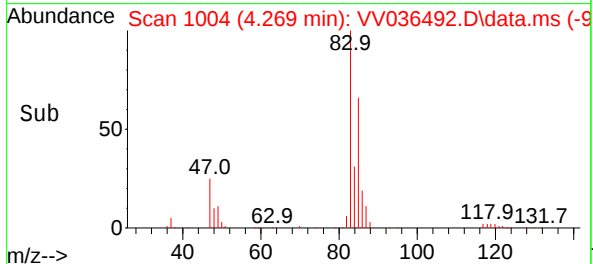
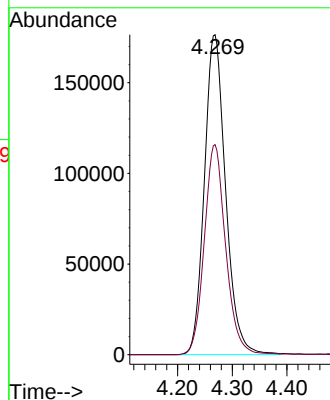
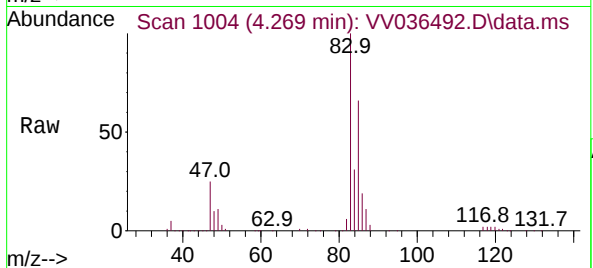
ClientSampleId :

Tgt Ion: 83 Resp: 476000

Ion Ratio Lower Upper

83 100

85 65.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 49.983 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV036492.D

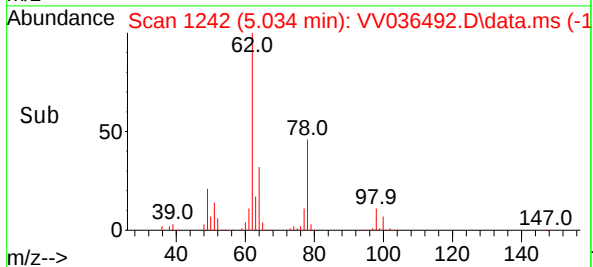
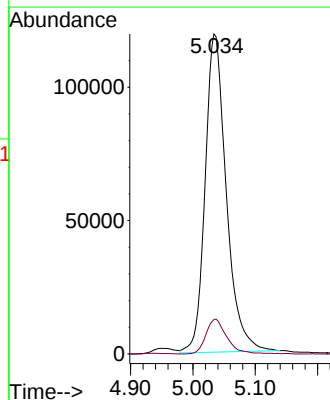
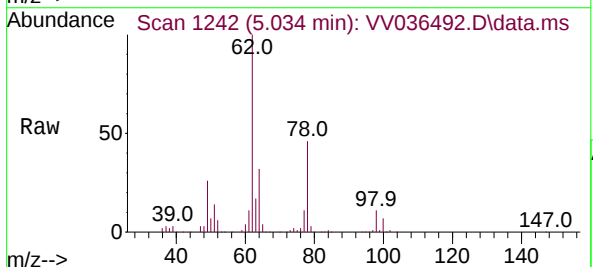
Acq: 11 Jul 2024 11:36

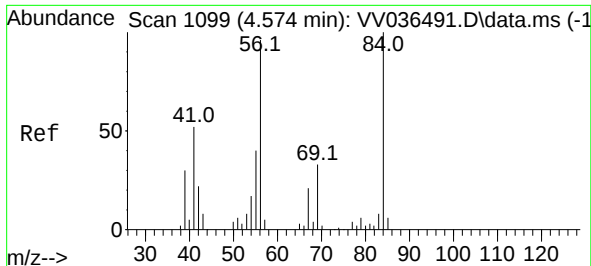
Tgt Ion: 62 Resp: 281705

Ion Ratio Lower Upper

62 100

98 10.8 8.9 13.3





#29

Cyclohexane

Concen: 51.569 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

ClientSampleId :

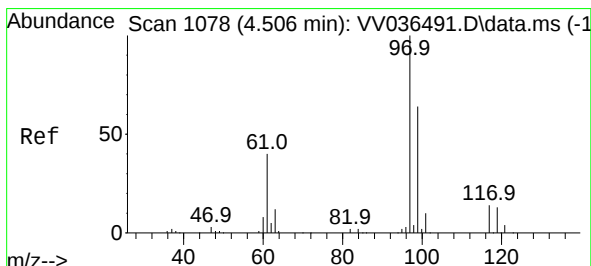
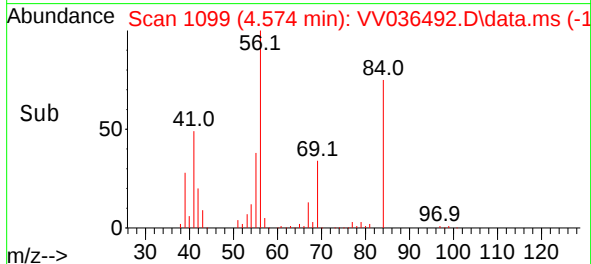
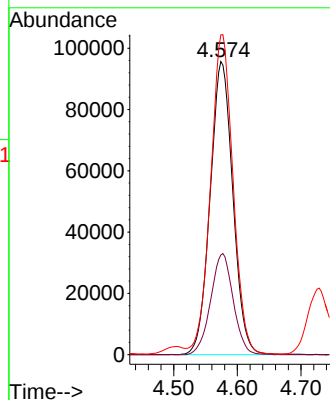
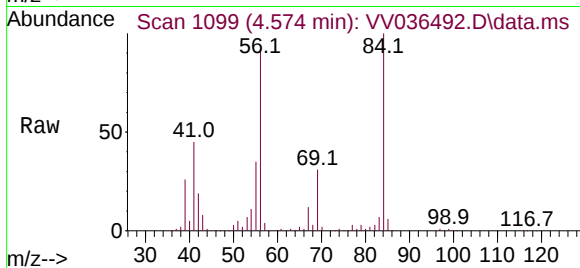
Tgt Ion: 56 Resp: 237083

Ion Ratio Lower Upper

56 100

69 34.3 27.6 41.4

84 107.8 85.4 128.2



#30

1,1,1-Trichloroethane

Concen: 46.810 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

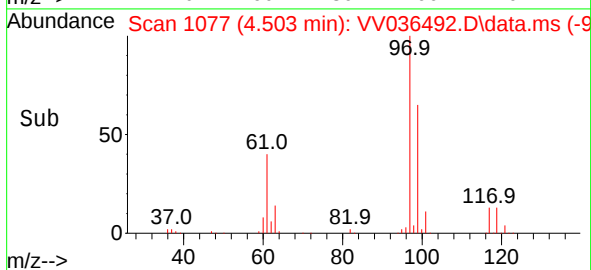
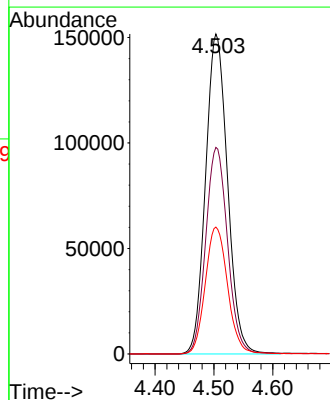
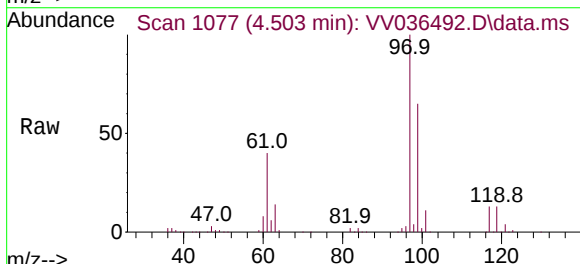
Tgt Ion: 97 Resp: 393255

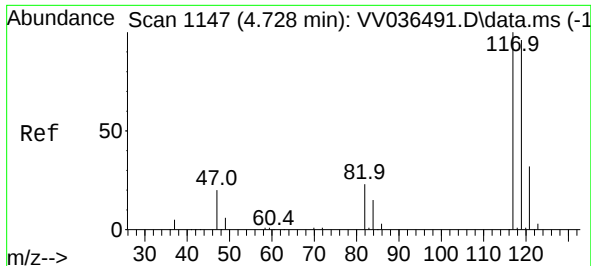
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 40.4 32.2 48.4

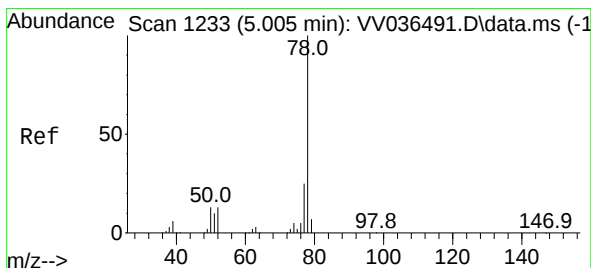
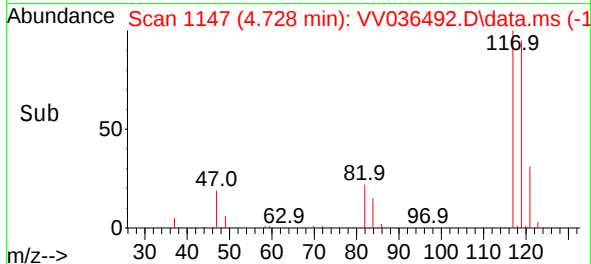
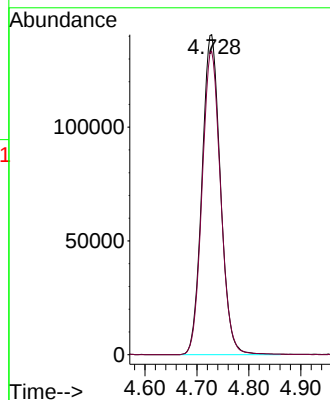
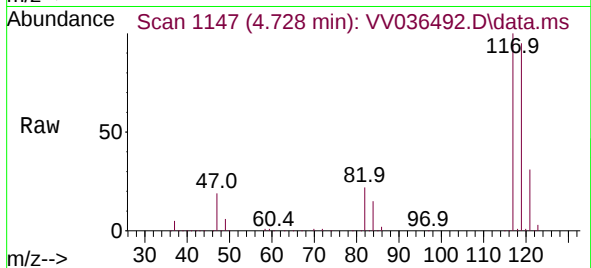




#31
Carbon tetrachloride
Concen: 46.553 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

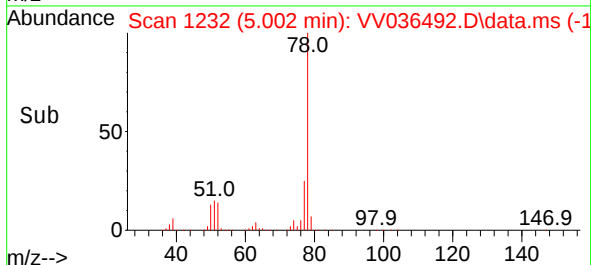
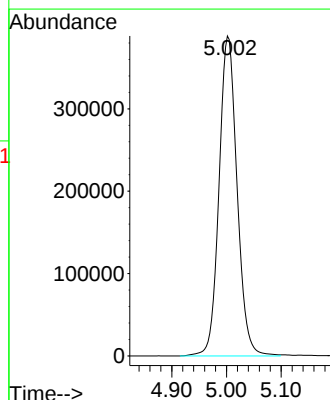
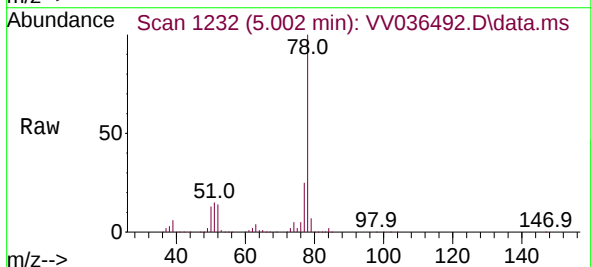
Instrument :
MSVOA_V
ClientSampleId :

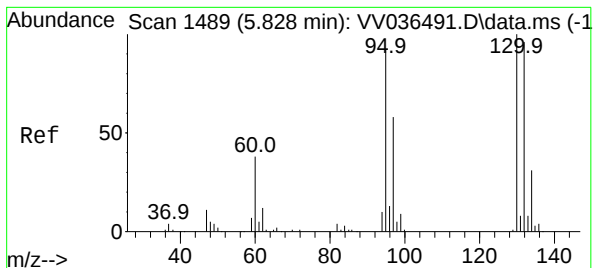
Tgt Ion:117 Resp: 346851
Ion Ratio Lower Upper
117 100
119 95.2 77.6 116.4



#33
Benzene
Concen: 49.696 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion: 78 Resp: 888785





#34

Trichloroethene

Concen: 48.225 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 274451

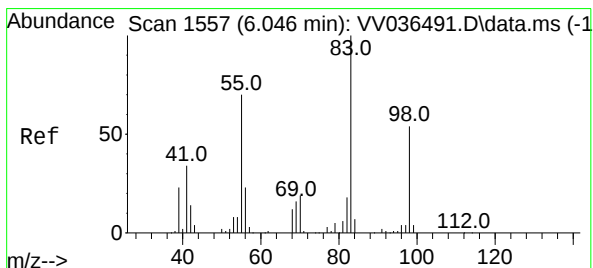
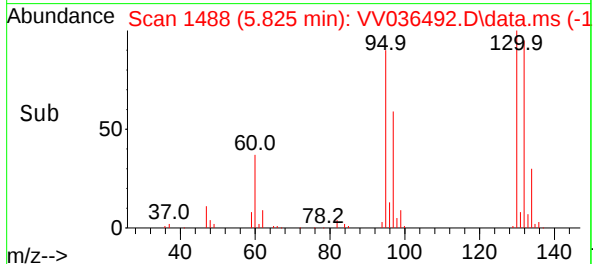
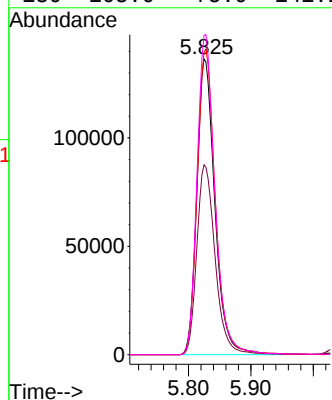
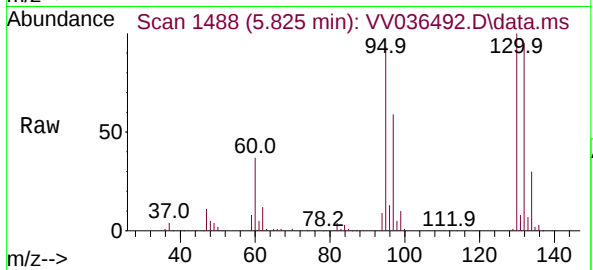
Ion Ratio Lower Upper

95 100

97 64.2 44.4 82.4

132 102.2 73.0 135.6

130 108.0 75.9 141.1



#35

Methylcyclohexane

Concen: 51.958 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

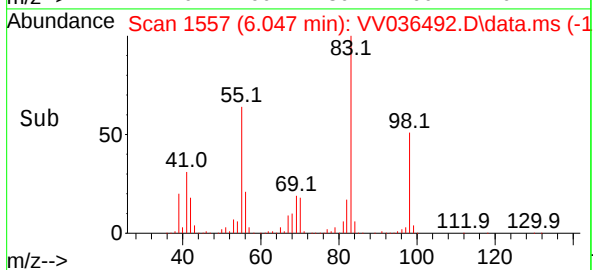
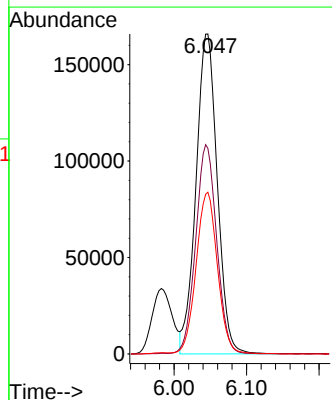
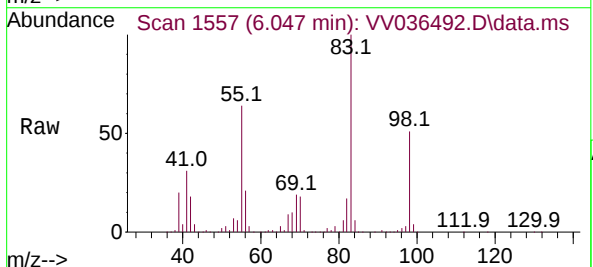
Tgt Ion: 83 Resp: 337474

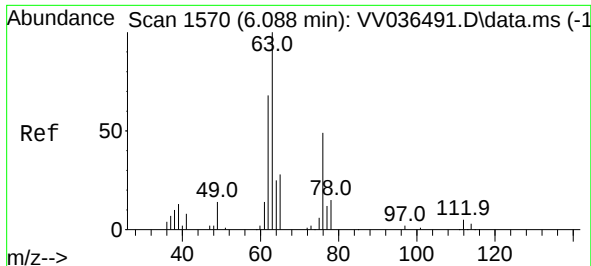
Ion Ratio Lower Upper

83 100

55 64.5 54.3 81.5

98 51.0 41.7 62.5

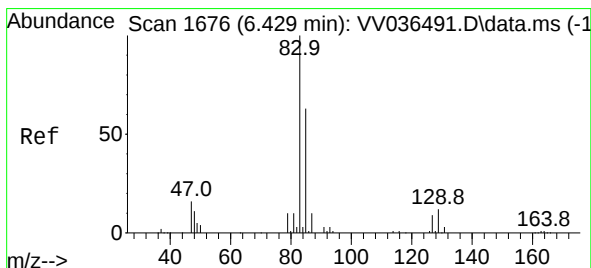
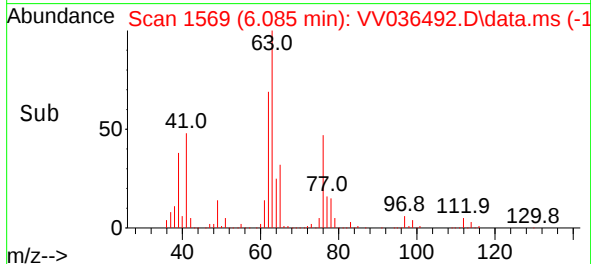
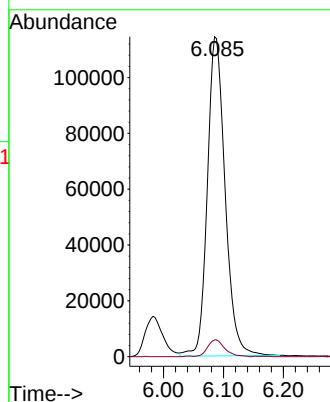
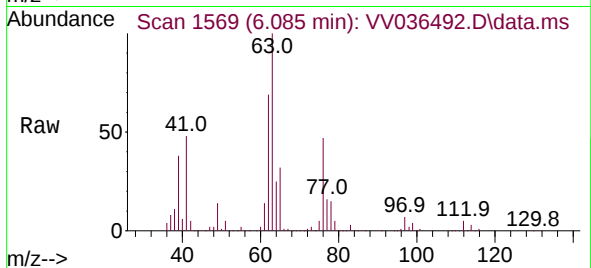




#37
1,2-Dichloropropane
Concen: 52.132 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

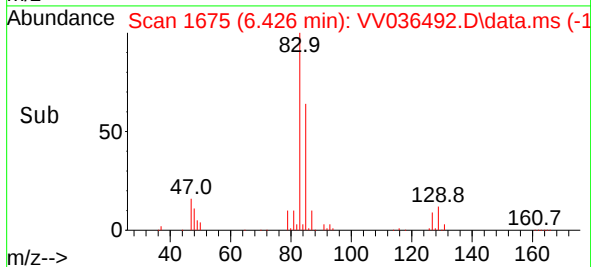
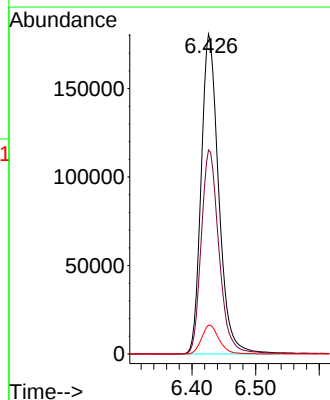
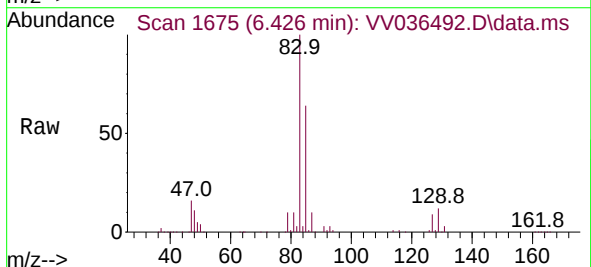
Instrument :
MSVOA_V
ClientSampleId :

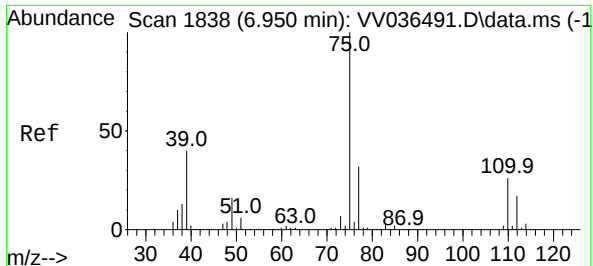
Tgt Ion: 63 Resp: 235297
Ion Ratio Lower Upper
63 100
112 5.1 4.5 6.7



#38
Bromodichloromethane
Concen: 48.407 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion: 83 Resp: 346193
Ion Ratio Lower Upper
83 100
85 63.8 44.3 82.3
127 9.0 7.0 10.4

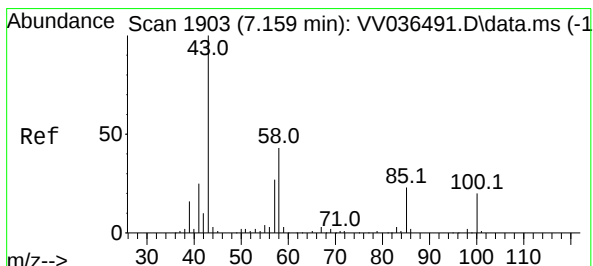
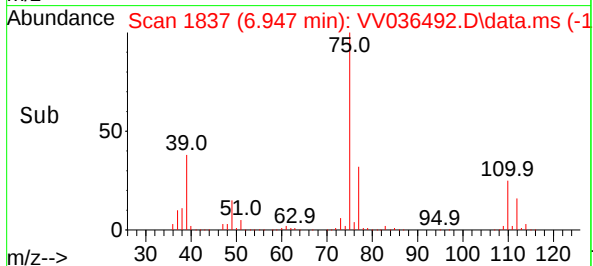
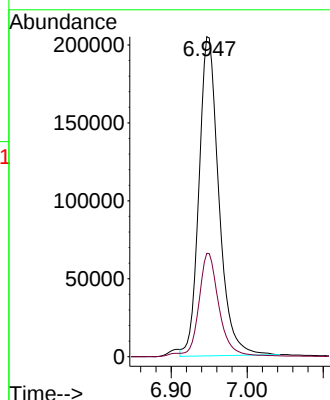
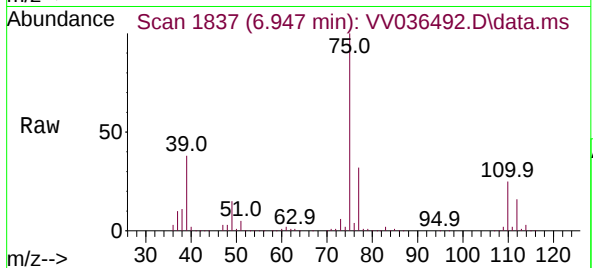




#39
cis-1,3-Dichloropropene
Concen: 53.471 ug/L
RT: 6.947 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

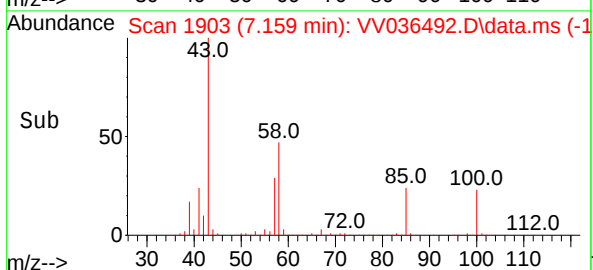
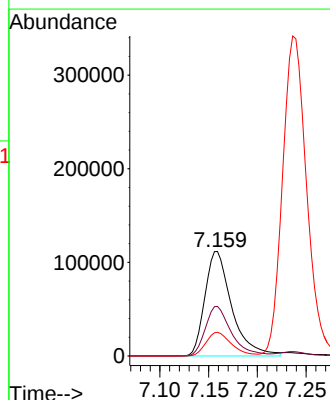
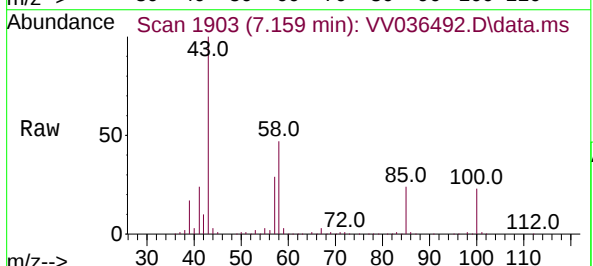
Instrument :
MSVOA_V
ClientSampleId :

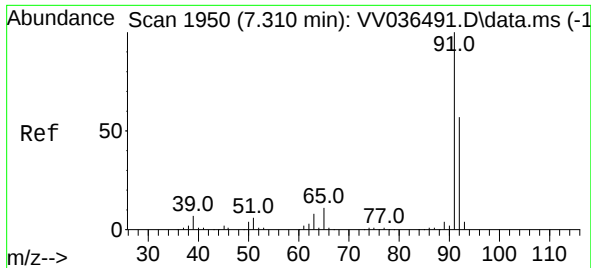
Tgt Ion: 75 Resp: 372160
Ion Ratio Lower Upper
75 100
77 32.3 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 109.903 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion: 43 Resp: 214274
Ion Ratio Lower Upper
43 100
58 45.6 32.9 49.3
100 21.5 15.5 23.3





#42

Toluene

Concen: 53.437 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

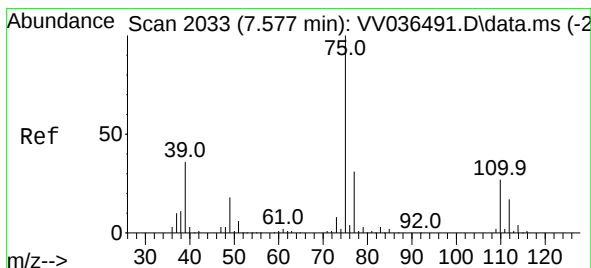
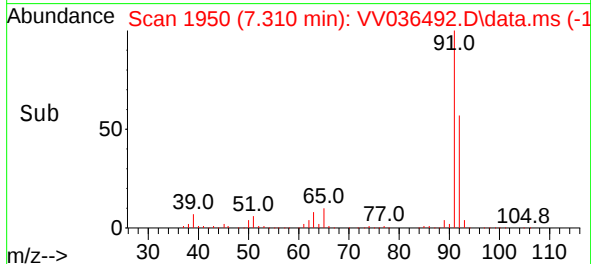
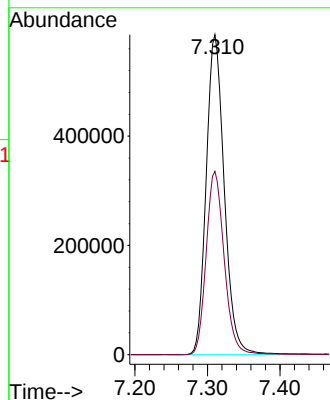
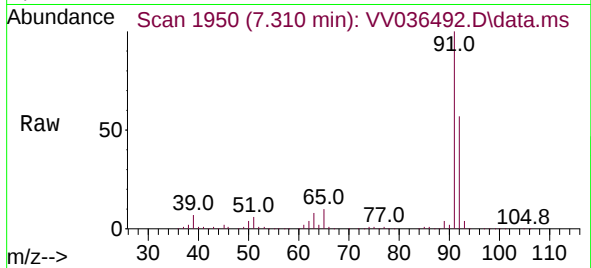
ClientSampleId :

Tgt Ion: 91 Resp: 1012652

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 54.934 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036492.D

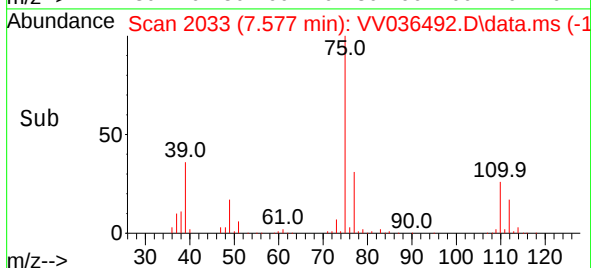
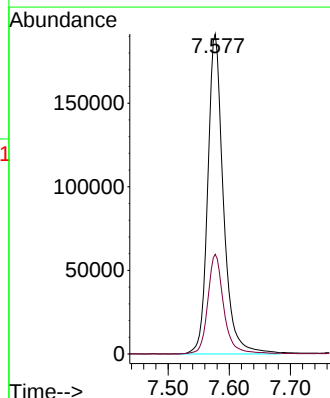
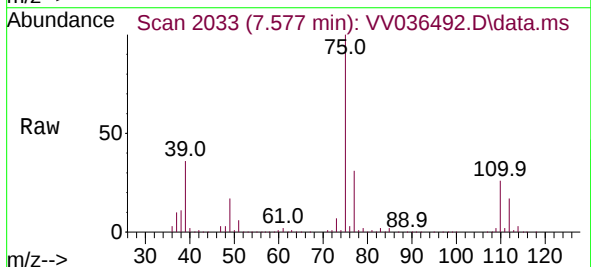
Acq: 11 Jul 2024 11:36

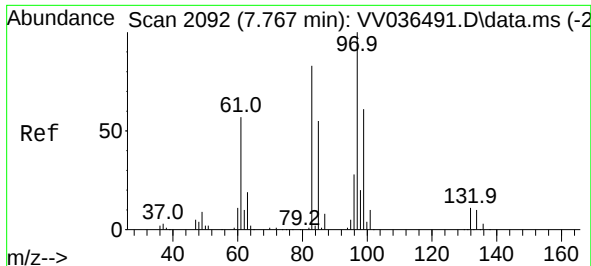
Tgt Ion: 75 Resp: 340896

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



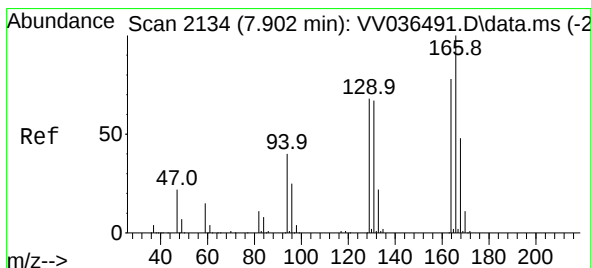
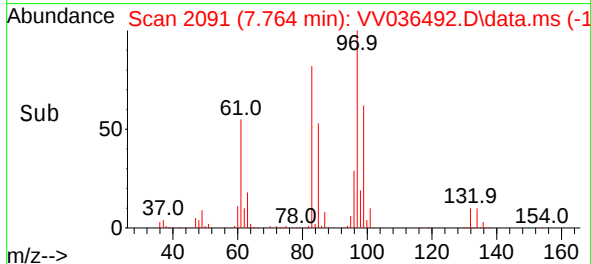
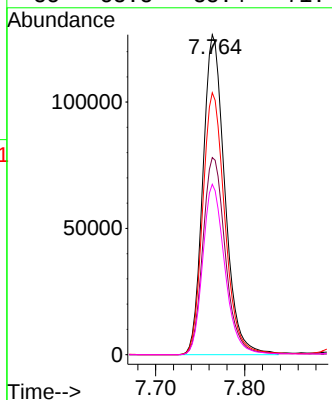
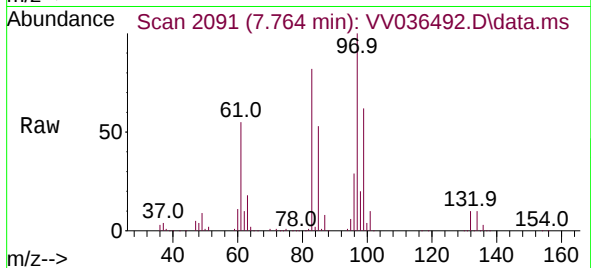


#45
1,1,2-Trichloroethane
Concen: 48.784 ug/L
RT: 7.764 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 216970

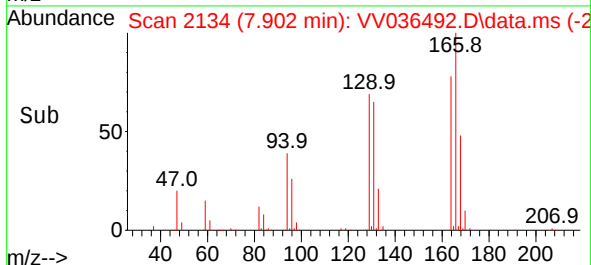
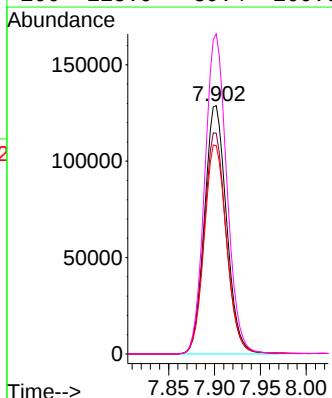
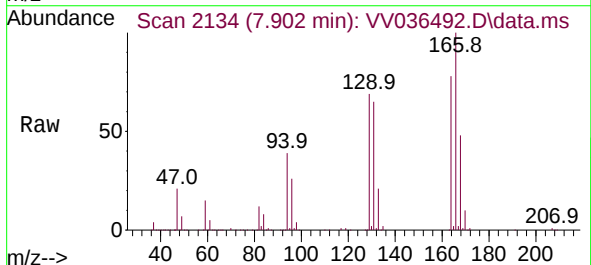
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.6	79.2
83	81.8	58.0	107.6
85	53.3	38.4	71.4

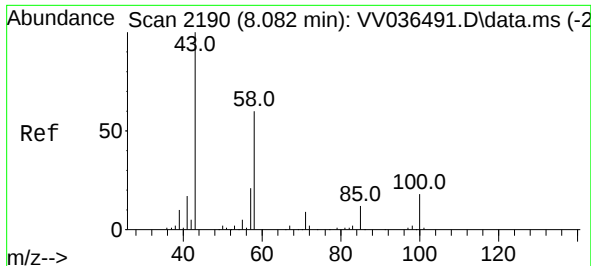


#46
Tetrachloroethene
Concen: 47.088 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion: 164 Resp: 216678

Ion	Ratio	Lower	Upper
164	100		
129	88.9	61.0	113.4
131	83.9	59.8	111.1
166	128.9	89.4	166.0



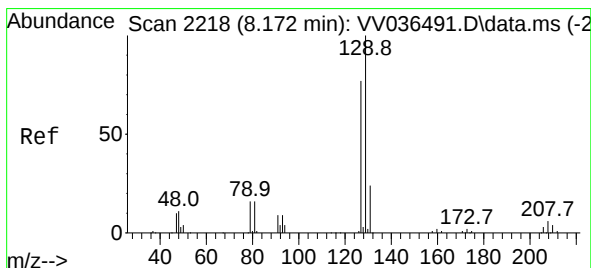
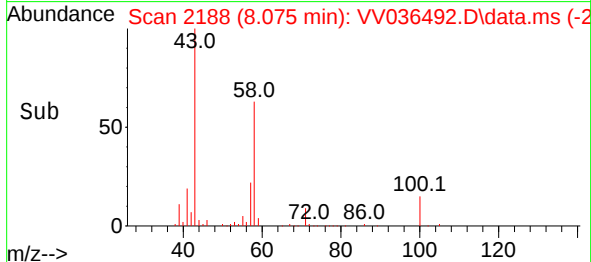
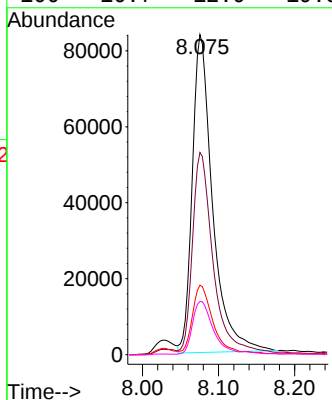
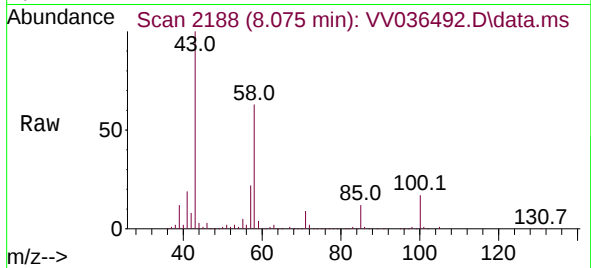


#48
2-Hexanone
Concen: 101.694 ug/L
RT: 8.075 min Scan# 2190
Delta R.T. -0.006 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 155447

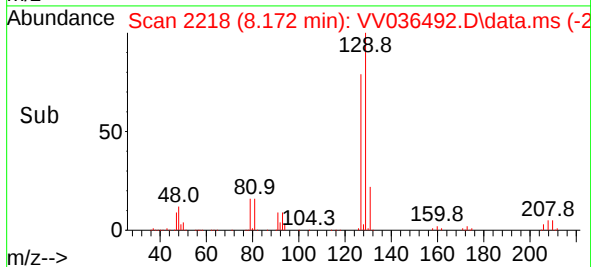
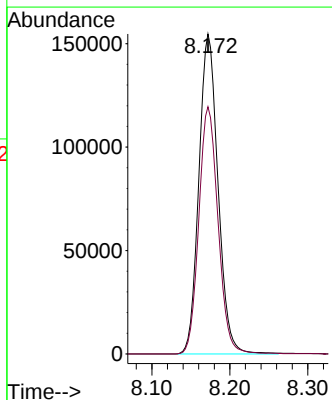
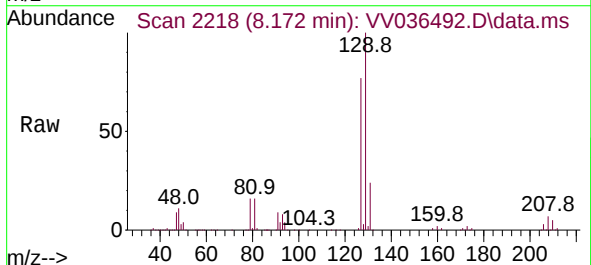
Ion	Ratio	Lower	Upper
43	100		
58	63.5	49.5	74.3
57	20.3	15.3	22.9
100	16.7	12.9	19.3

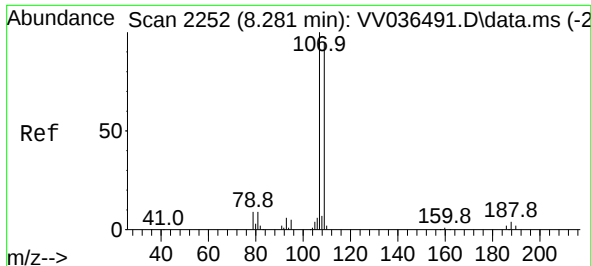


#49
Dibromochloromethane
Concen: 49.000 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion: 129 Resp: 263534

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.7	99.7





#50

1,2-Dibromoethane

Concen: 49.534 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.003 min MSVOA_V

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

ClientSampleId :

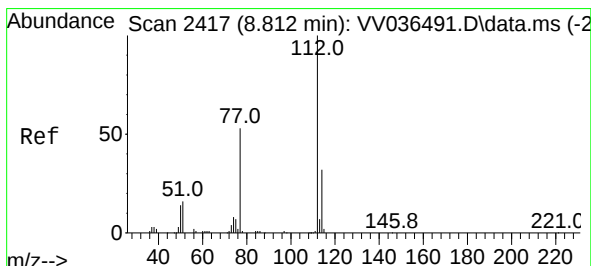
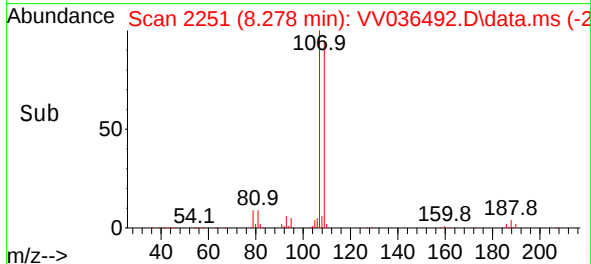
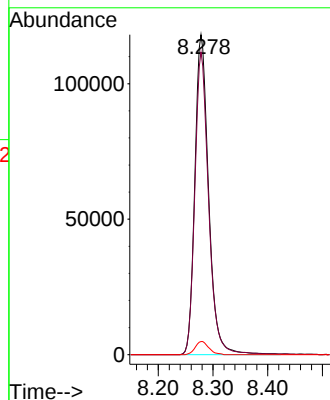
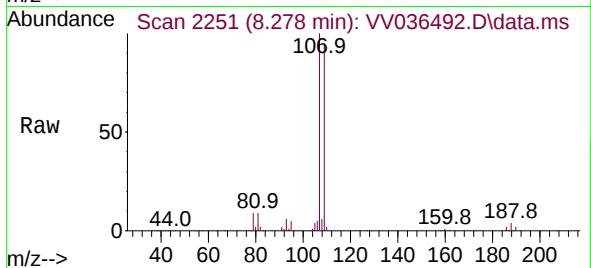
Tgt Ion:107 Resp: 206759

Ion Ratio Lower Upper

107 100

109 94.5 66.2 123.0

188 4.1 3.4 5.0



#51

Chlorobenzene

Concen: 49.511 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.003 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

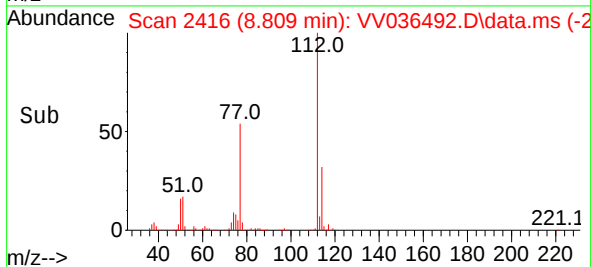
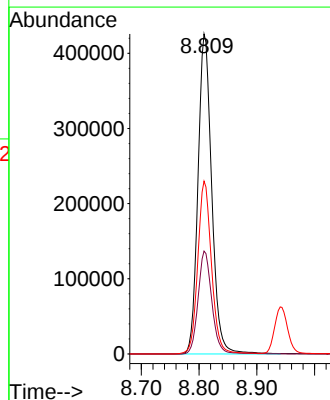
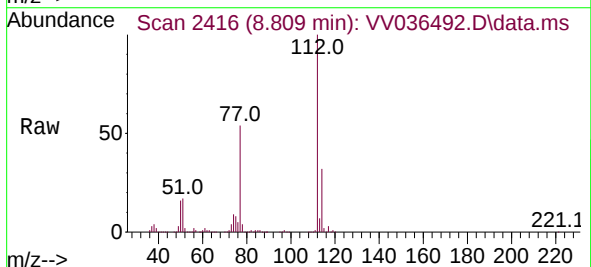
Tgt Ion:112 Resp: 702674

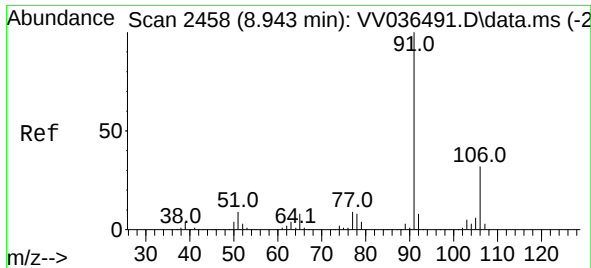
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.9

77 54.0 43.0 64.6





#52

Ethylbenzene

Concen: 56.021 ug/L

RT: 8.940 min Scan# 2458

Delta R.T. -0.003 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

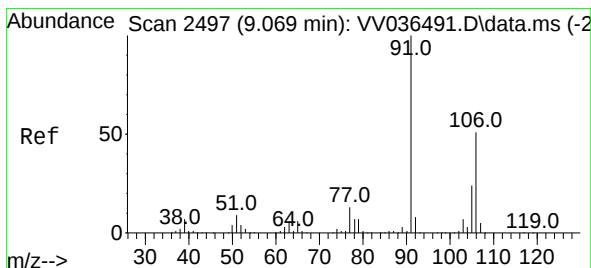
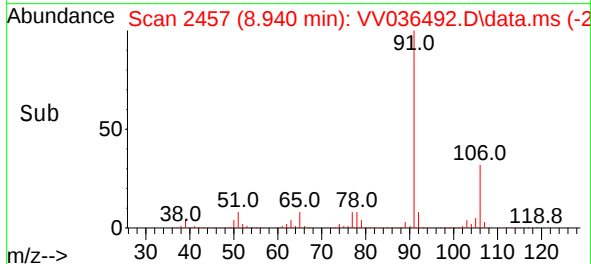
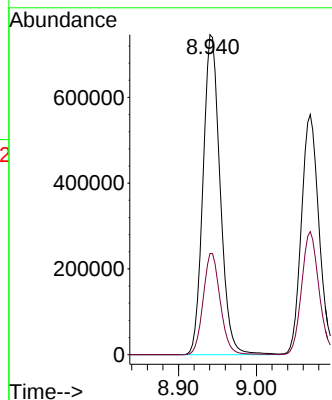
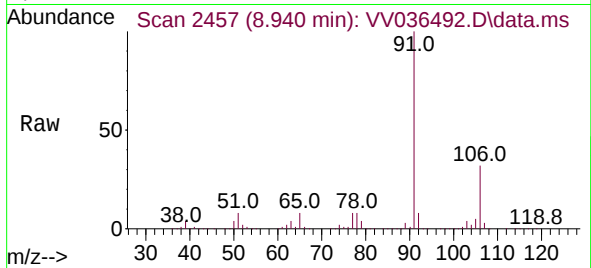
ClientSampleId :

Tgt Ion: 91 Resp: 1138812

Ion Ratio Lower Upper

91 100

106 31.6 22.6 42.0



#53

m,p-Xylene

Concen: 57.045 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036492.D

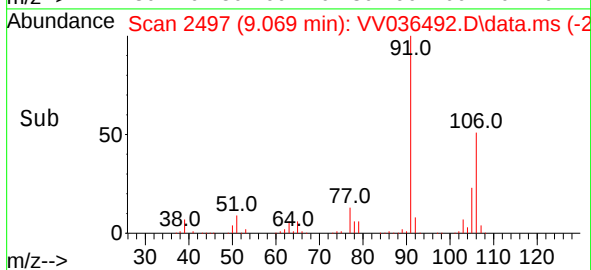
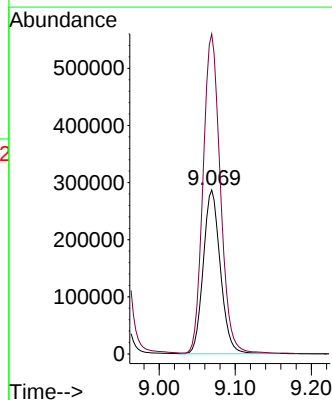
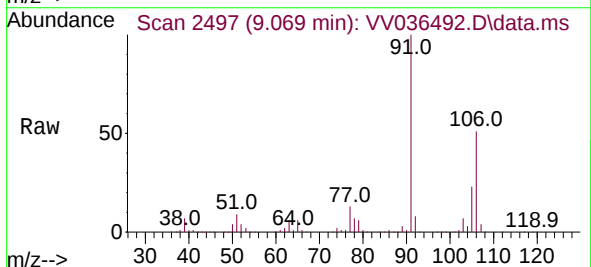
Acq: 11 Jul 2024 11:36

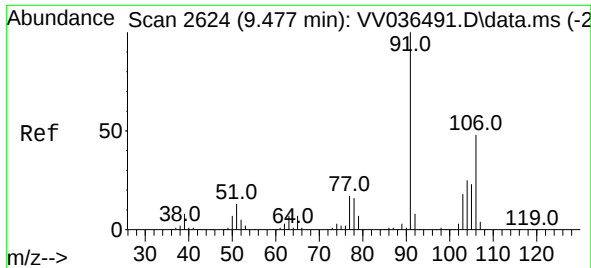
Tgt Ion:106 Resp: 446458

Ion Ratio Lower Upper

106 100

91 195.1 137.1 254.7

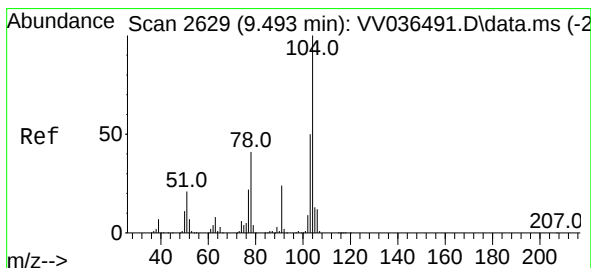
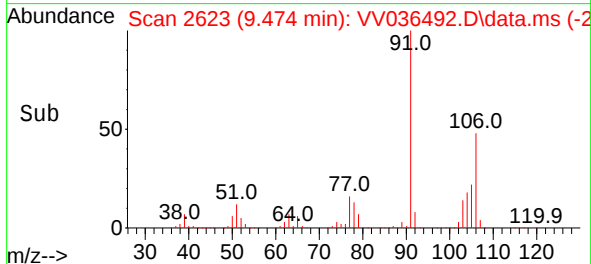
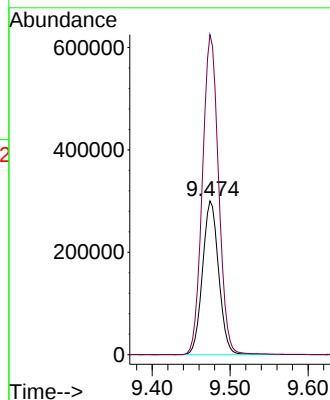
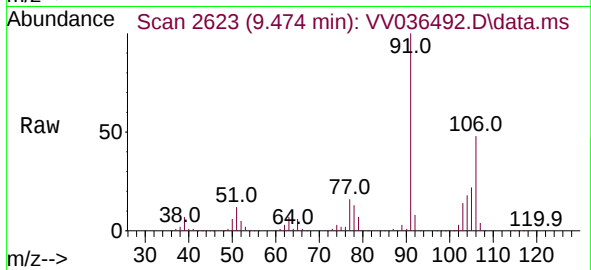




#54
o-Xylene
Concen: 58.069 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

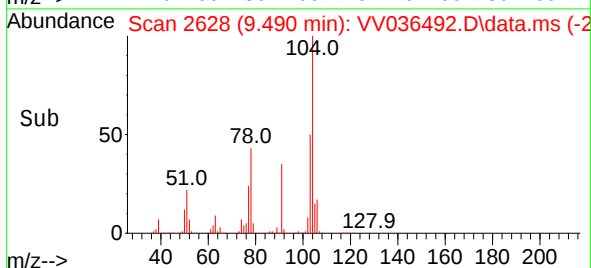
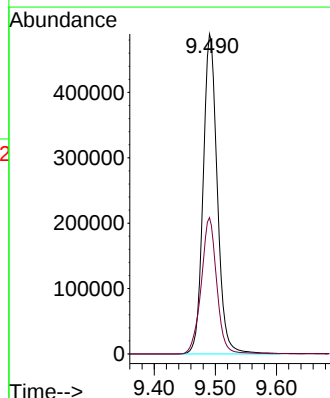
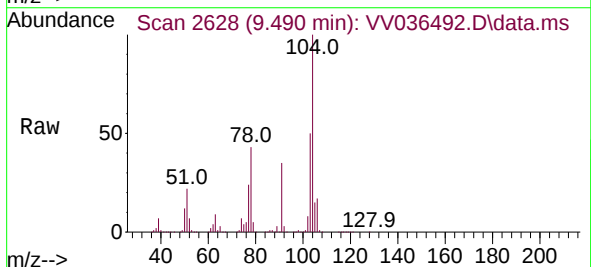
Instrument :
MSVOA_V
ClientSampleId :

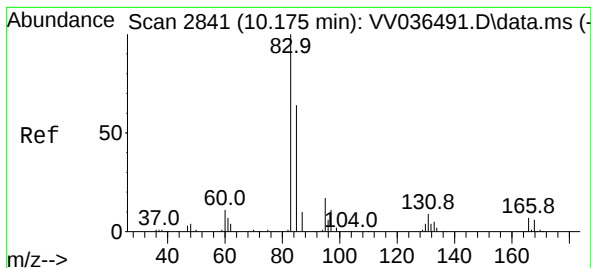
Tgt Ion:106 Resp: 432696
Ion Ratio Lower Upper
106 100
91 208.2 147.3 273.6



#55
Styrene
Concen: 59.548 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion:104 Resp: 788475
Ion Ratio Lower Upper
104 100
78 42.6 28.8 53.6

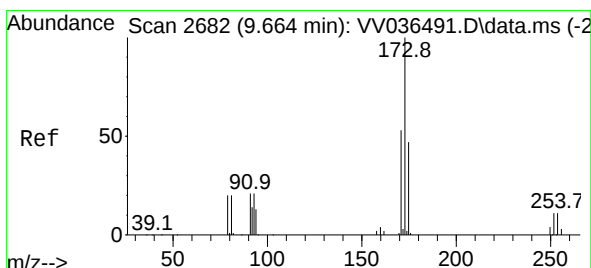
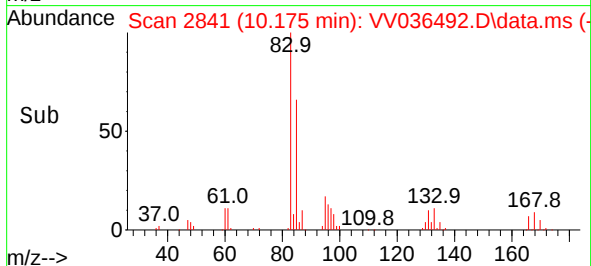
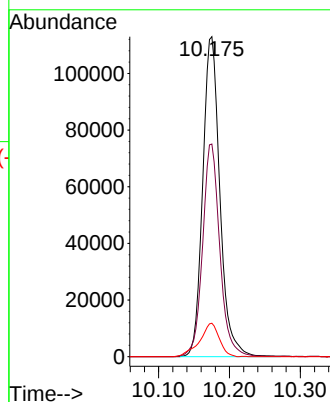
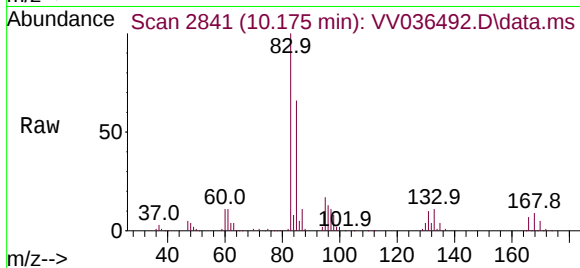




#57
1,1,2,2-Tetrachloroethane
Concen: 46.776 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

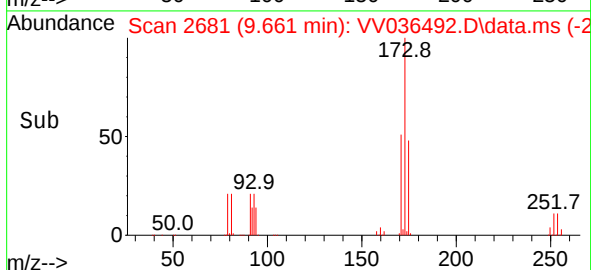
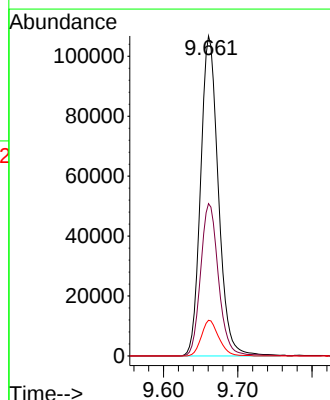
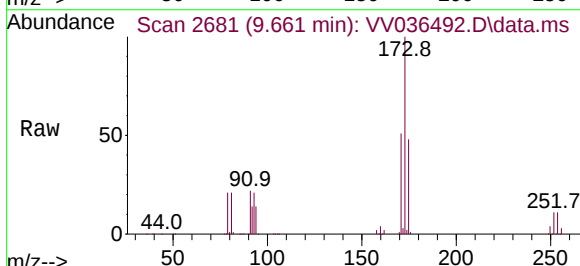
Instrument :
MSVOA_V
ClientSampleId :

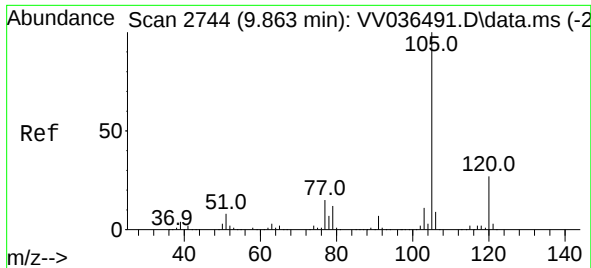
Tgt Ion: 83 Resp: 189972
Ion Ratio Lower Upper
83 100
85 66.5 45.0 83.6
131 10.4 8.1 12.1



#59
Bromoform
Concen: 48.485 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

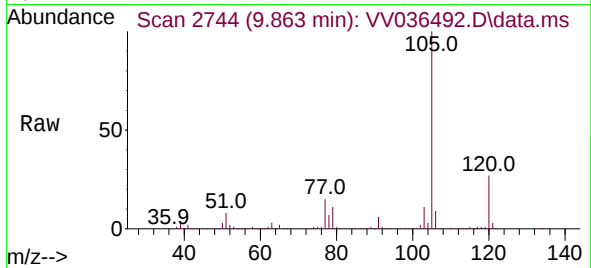
Tgt Ion:173 Resp: 177331
Ion Ratio Lower Upper
173 100
175 47.9 37.6 56.4
254 11.0 8.2 12.4



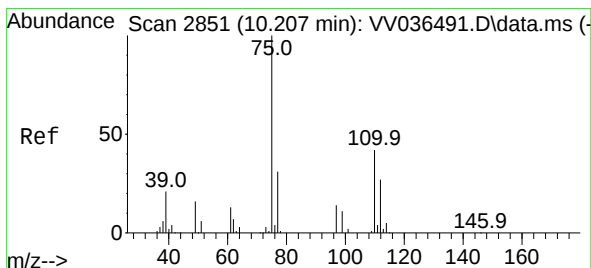
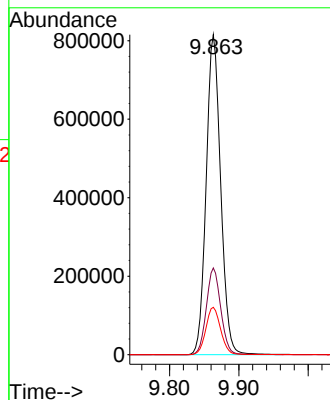
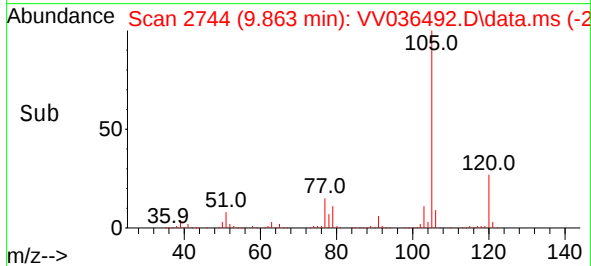


#60
Isopropylbenzene
Concen: 57.185 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

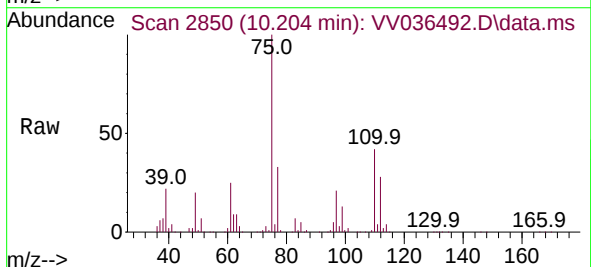
Instrument :
MSVOA_V
ClientSampleId :



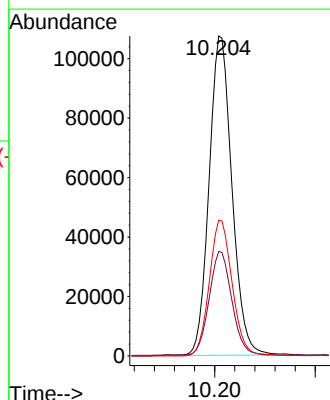
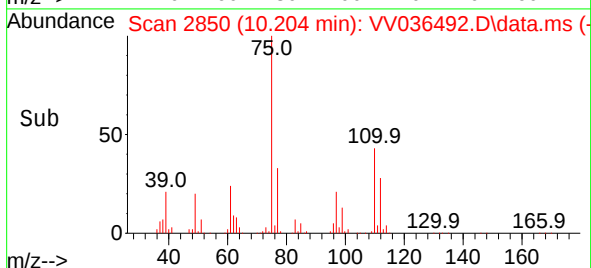
Tgt Ion:105 Resp: 1178943
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.6
77 15.0 12.0 18.0

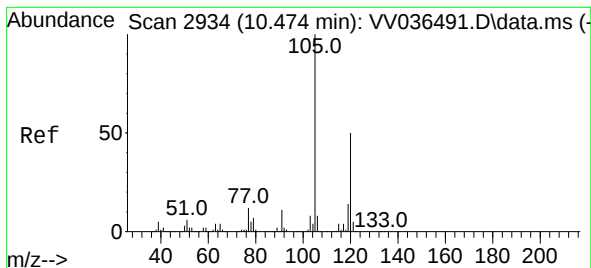


#61
1,2,3-Trichloropropane
Concen: 46.150 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36



Tgt Ion: 75 Resp: 169445
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
110 42.6 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 60.124 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

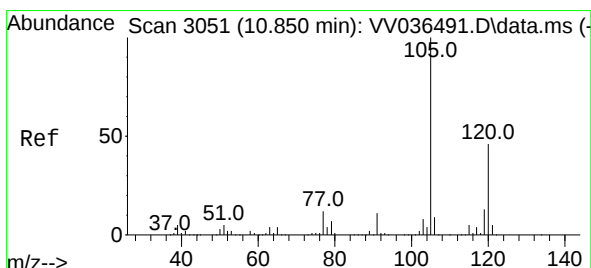
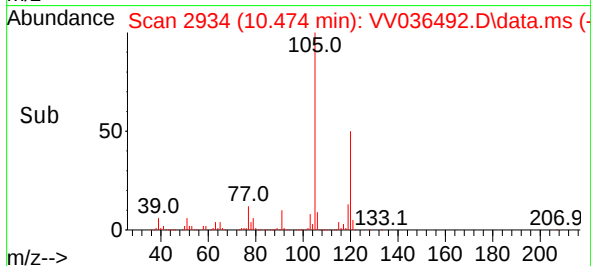
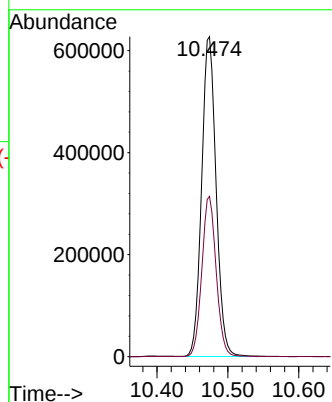
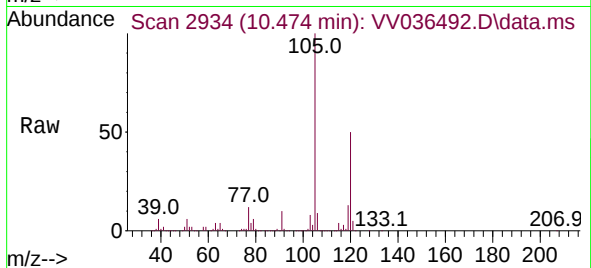
ClientSampleId :

Tgt Ion:105 Resp: 887666

Ion Ratio Lower Upper

105 100

120 49.7 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 60.688 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV036492.D

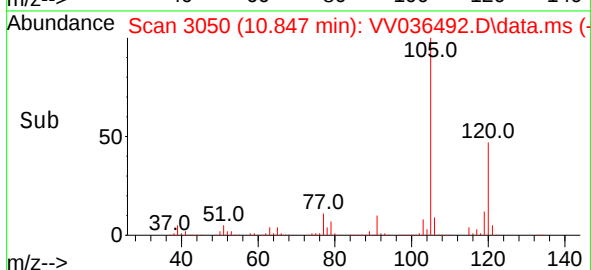
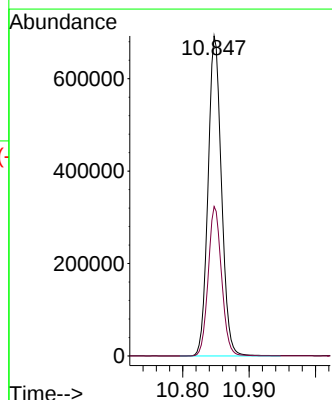
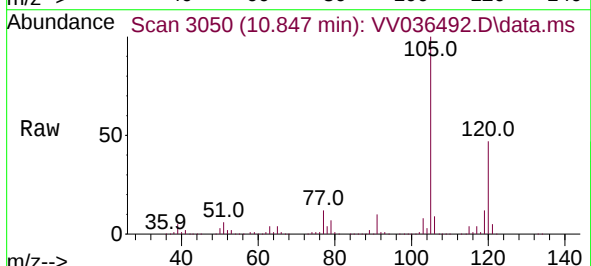
Acq: 11 Jul 2024 11:36

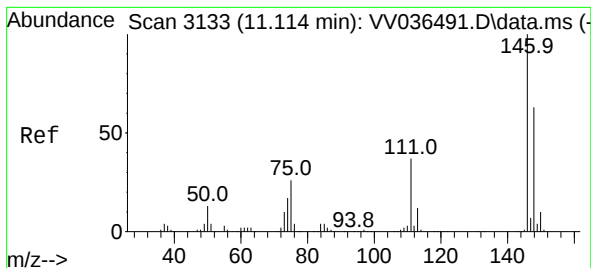
Tgt Ion:105 Resp: 974942

Ion Ratio Lower Upper

105 100

120 46.6 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 51.061 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

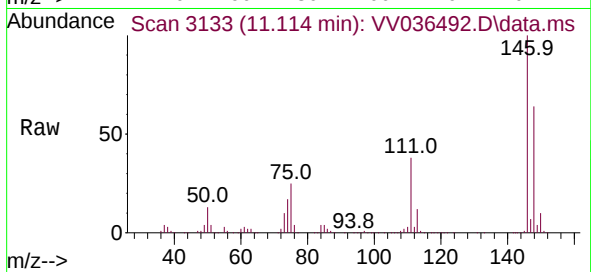
Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

ClientSampleId :



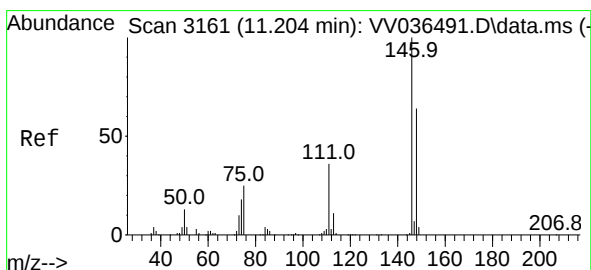
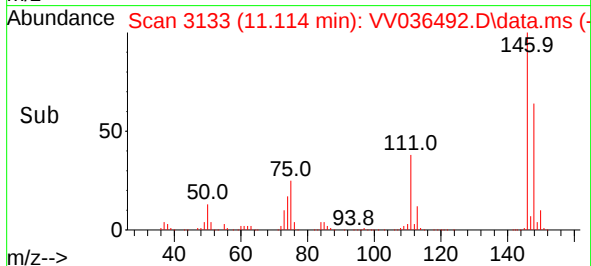
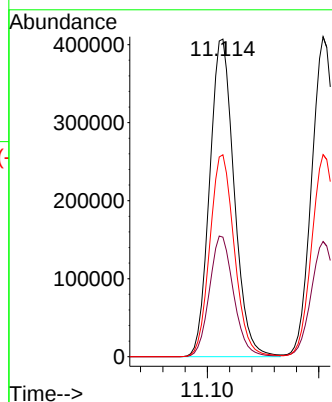
Tgt Ion:146 Resp: 622308

Ion Ratio Lower Upper

146 100

111 37.6 25.8 47.8

148 63.6 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 49.007 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

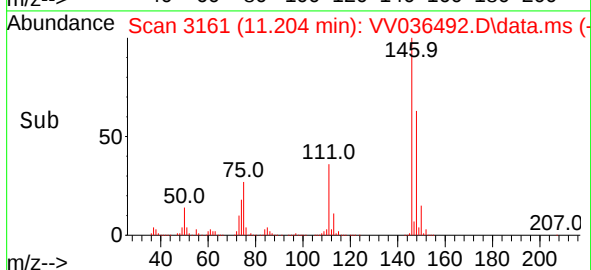
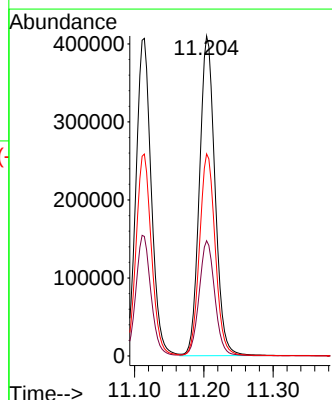
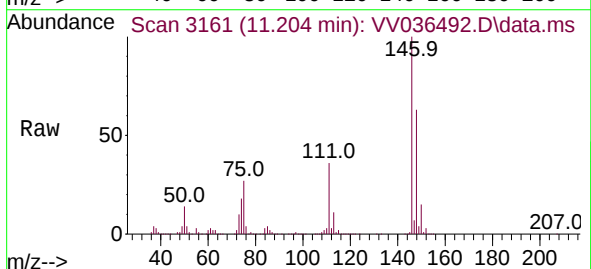
Tgt Ion:146 Resp: 641344

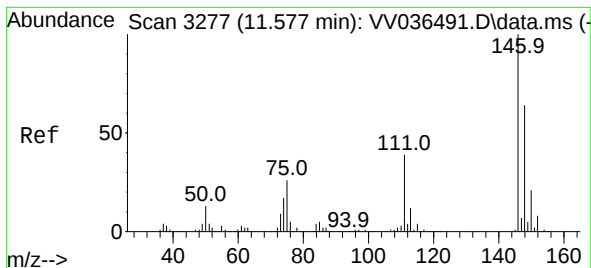
Ion Ratio Lower Upper

146 100

111 36.0 25.2 46.8

148 63.1 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 49.955 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

ClientSampleId :

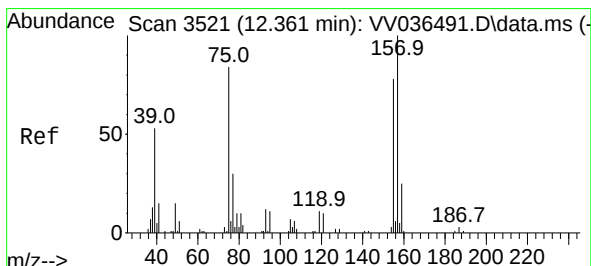
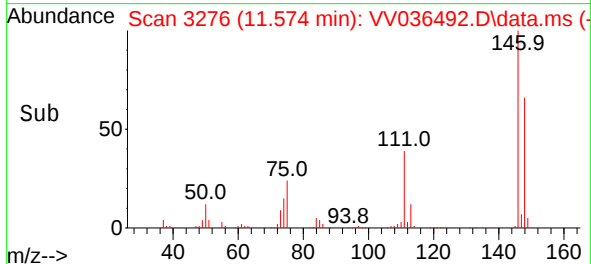
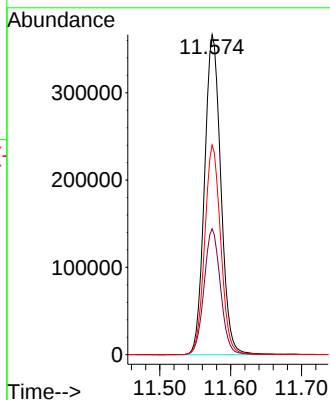
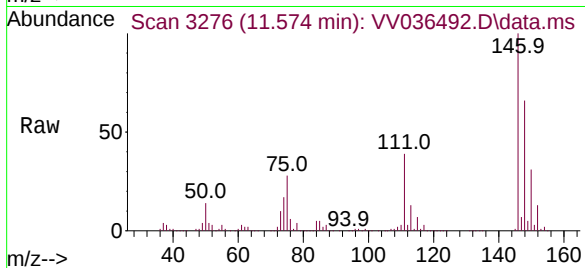
Tgt Ion:146 Resp: 585062

Ion Ratio Lower Upper

146 100

111 39.4 30.8 46.2

148 65.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 46.804 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

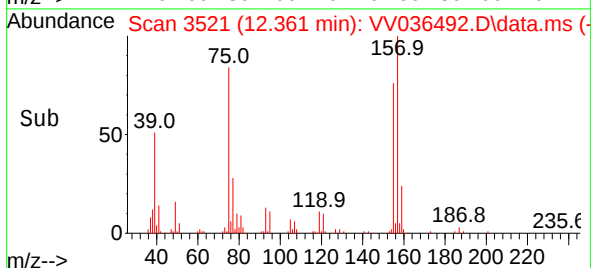
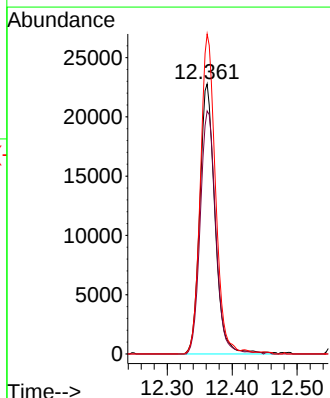
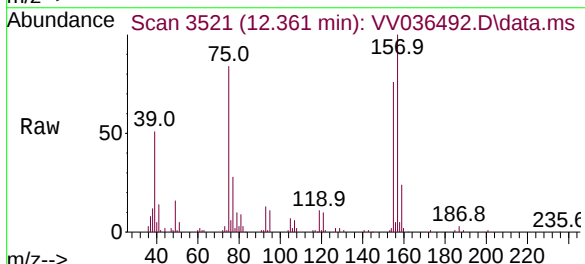
Tgt Ion: 75 Resp: 37181

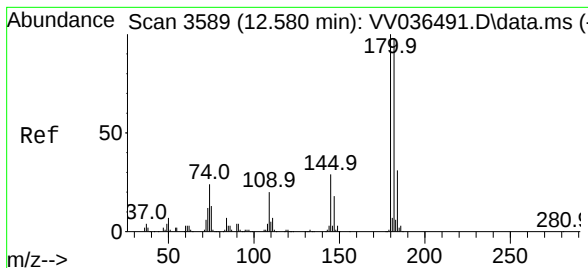
Ion Ratio Lower Upper

75 100

155 90.0 74.6 111.8

157 118.5 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 50.351 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

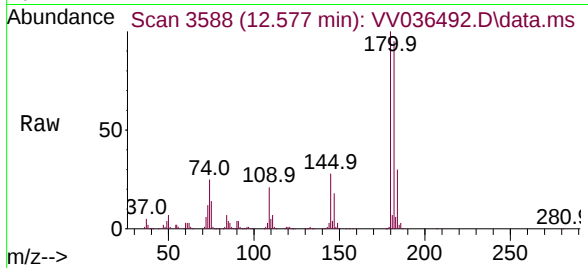
Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 475148

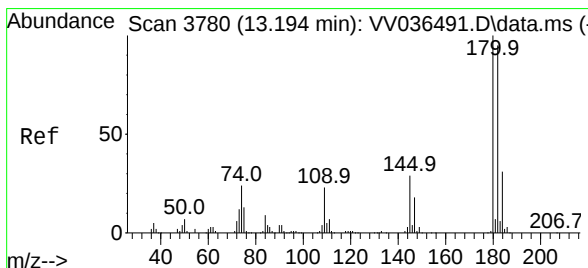
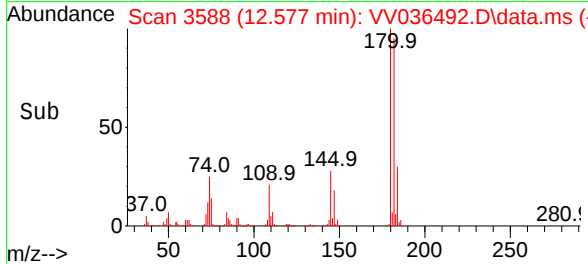
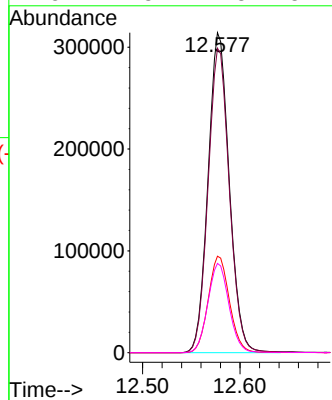
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.0

184 30.2 24.4 36.6

145 27.8 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 50.802 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036492.D

Acq: 11 Jul 2024 11:36

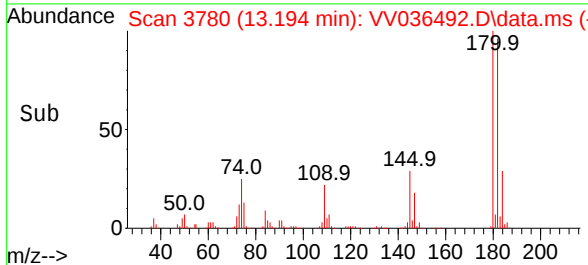
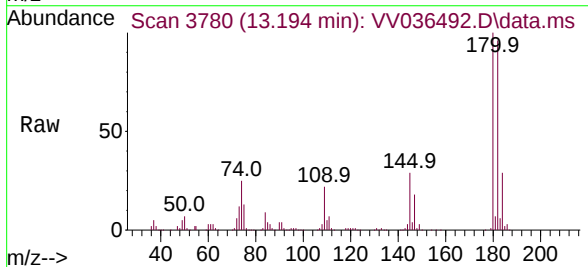
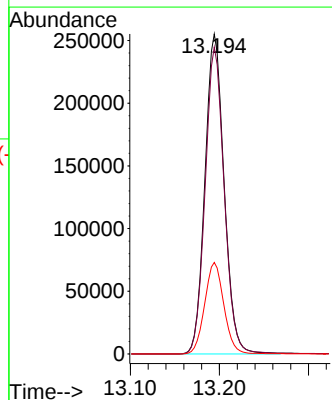
Tgt Ion:180 Resp: 381291

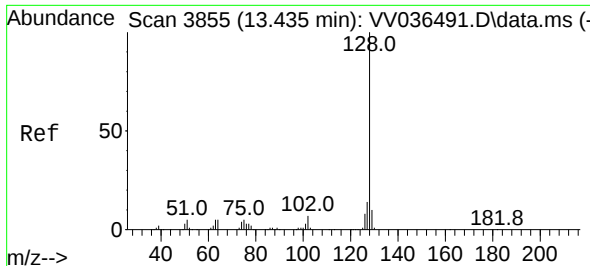
Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

145 28.5 23.0 34.6

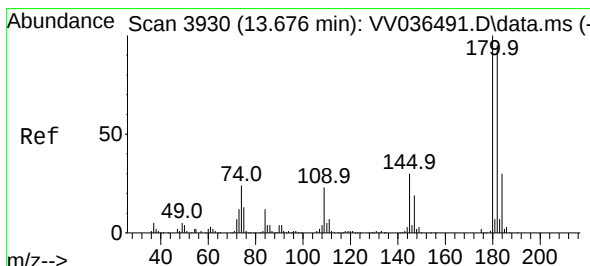
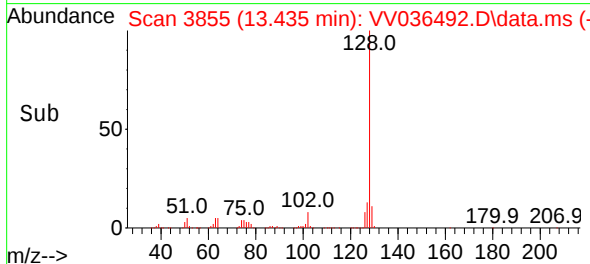
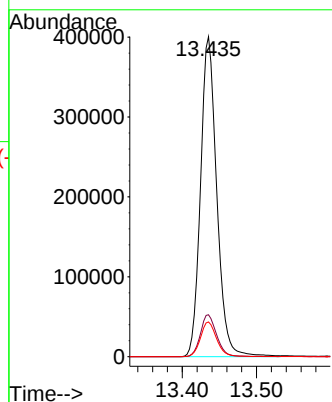
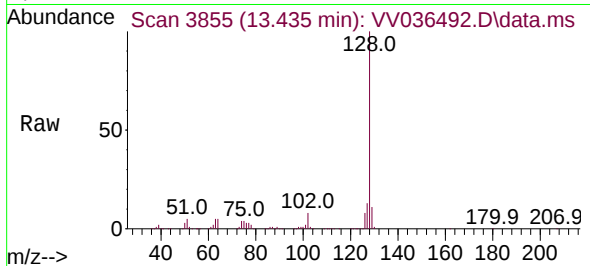




#71
Naphthalene
Concen: 54.047 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 609227
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.933 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036492.D
Acq: 11 Jul 2024 11:36

Tgt Ion:180 Resp: 354561
Ion Ratio Lower Upper
180 100
182 94.4 76.6 114.8
145 30.6 24.4 36.6

