

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038250.D
 Acq On : 21 Nov 2024 19:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:51:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	247958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	260648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	139676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	82923	4.363	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.526	69	74807	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.053	65	38492	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.777	46	199538	52.483	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.960%
24) Chloroform-d	4.239	84	183708	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.934	65	87020	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.950	84	327013	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.982	67	99776	4.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.236	98	309357	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.551	79	39607	5.139	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.017	63	158478	52.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93414	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	119057	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	95107	4.054	ug/L	98
3) Chloromethane	1.214	50	102821	5.090	ug/L	97
5) Vinyl chloride	1.278	62	108913	4.758	ug/L	98
6) Bromomethane	1.481	94	59148	6.627	ug/L	100
8) Chloroethane	1.542	64	72037	4.939	ug/L	98
9) Trichlorofluoromethane	1.709	101	143782	4.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	78297	4.211	ug/L	100
12) 1,1-Dichloroethene	2.063	96	82428	4.654	ug/L	93
13) Acetone	2.105	43	143005	50.857	ug/L	99
14) Carbon disulfide	2.233	76	250222	4.386	ug/L	99
15) Methyl Acetate	2.371	43	34180	5.005	ug/L	94
16) Methylene chloride	2.439	84	96748	4.791	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	195571	4.884	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	86839	4.654	ug/L	96
19) 1,1-Dichloroethane	3.101	63	165583	4.889	ug/L	99
21) 2-Butanone	3.860	43	191021	47.332	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	95326	4.941	ug/L	98
23) Bromochloromethane	4.140	128	45084	4.787	ug/L	96
25) Chloroform	4.265	83	175419	4.842	ug/L	99

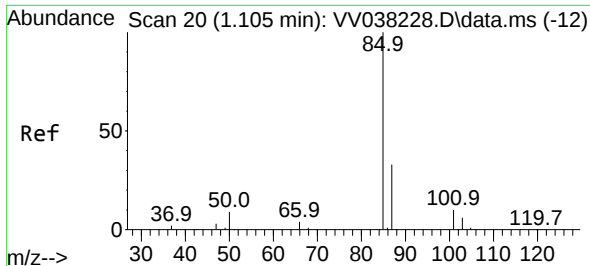
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038250.D
 Acq On : 21 Nov 2024 19:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:51:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	99913	5.068	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	150739	4.822	ug/L	100
30) Cyclohexane	4.571	56	100080	3.860	ug/L	99
31) Carbon tetrachloride	4.725	117	128265	4.651	ug/L	99
33) Benzene	5.002	78	360627	4.926	ug/L	100
34) Trichloroethene	5.828	95	95018	4.761	ug/L	95
35) Methylcyclohexane	6.040	83	101675	3.601	ug/L	99
37) 1,2-Dichloropropane	6.085	63	88260	4.813	ug/L	99
38) Bromodichloromethane	6.426	83	121832	4.942	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	123093	4.808	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	493732	51.439	ug/L	99
42) Toluene	7.307	91	386422	4.984	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	109145	5.047	ug/L	96
45) 1,1,2-Trichloroethane	7.763	97	74242	4.992	ug/L	97
47) Tetrachloroethene	7.895	164	73636	4.591	ug/L	94
48) 2-Hexanone	8.066	43	366477	52.652	ug/L	96
49) Dibromochloromethane	8.169	129	81037	4.998	ug/L	96
50) 1,2-Dibromoethane	8.278	107	69889	5.069	ug/L #	99
51) Chlorobenzene	8.805	112	253529	4.746	ug/L	98
52) Ethylbenzene	8.940	91	384073	4.669	ug/L	100
53) m,p-Xylene	9.066	106	149213	4.807	ug/L	97
54) o-Xylene	9.471	106	141643	4.687	ug/L	98
55) Styrene	9.490	104	261643	4.911	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	88854	5.109	ug/L	95
59) Bromoform	9.657	173	42367	5.212	ug/L	100
60) Isopropylbenzene	9.860	105	381064	4.737	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	61225	5.120	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	288221	4.515	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	292175	4.590	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	203429	4.710	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	209815	4.805	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	193580	4.842	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	13863	5.164	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	128317	4.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	109371	4.324	ug/L	98
71) Naphthalene	13.432	128	176791	4.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	108878	4.659	ug/L	99

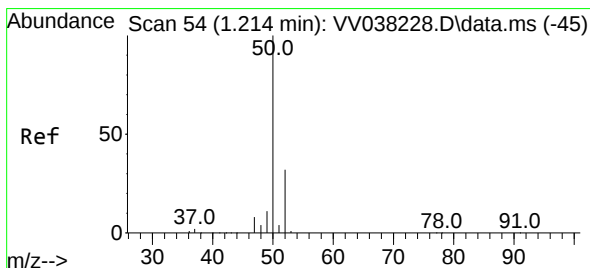
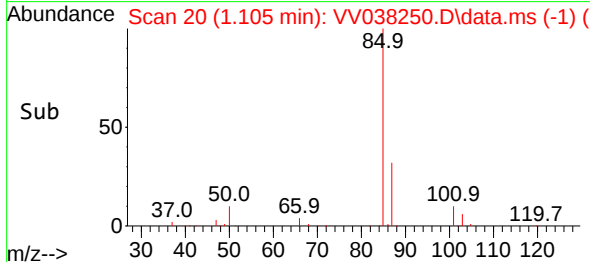
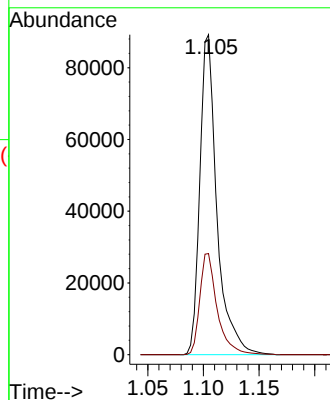
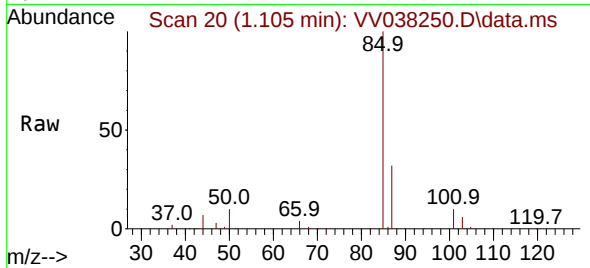
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.054 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

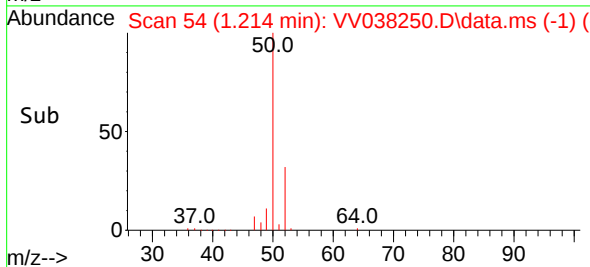
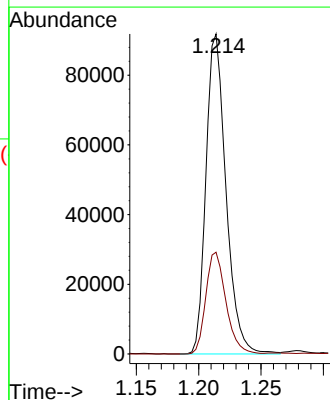
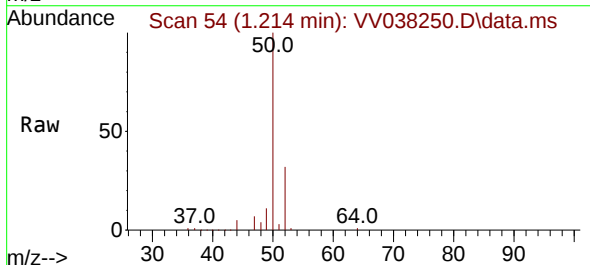
Instrument :
 MSVOA_V
 ClientSampleId :

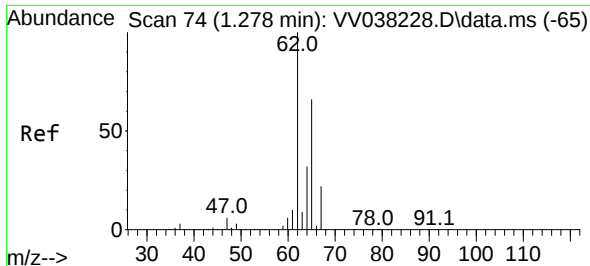
Tgt Ion: 85 Resp: 95107
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.5 39.7



#3
 Chloromethane
 Concen: 5.090 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

Tgt Ion: 50 Resp: 102821
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.5 43.7

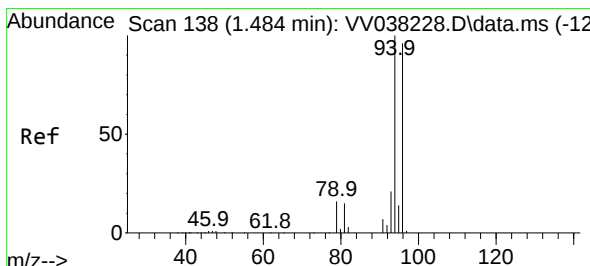
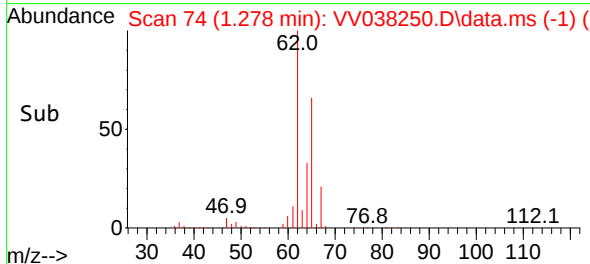
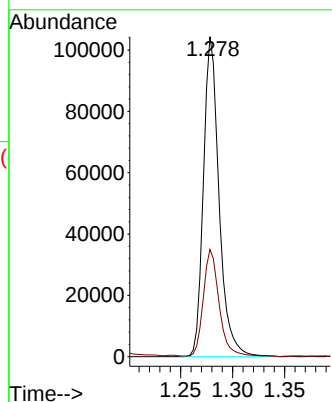
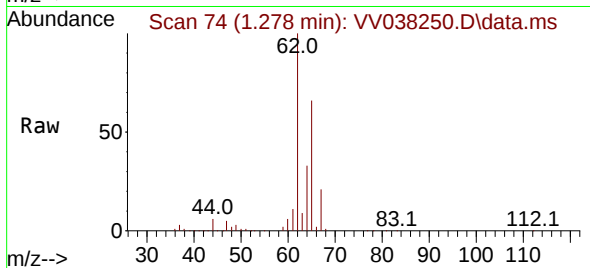




#5
 Vinyl chloride
 Concen: 4.758 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

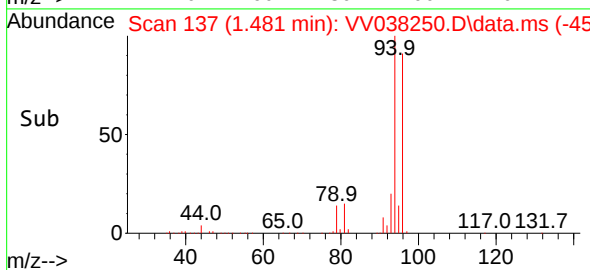
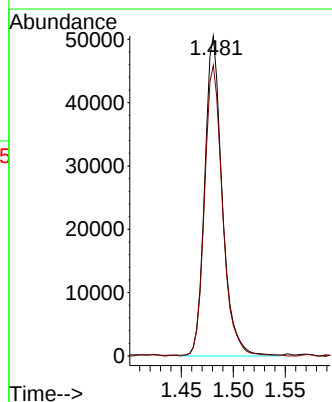
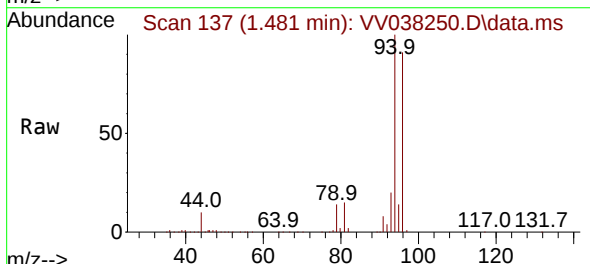
Instrument :
 MSVOA_V
 ClientSampleId :

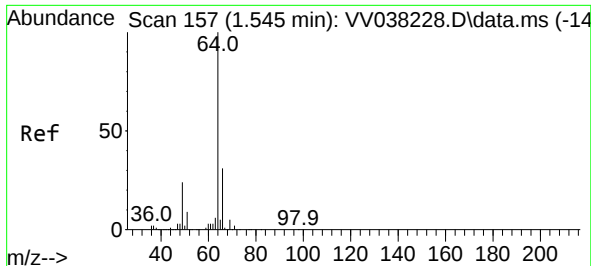
Tgt Ion: 62 Resp: 108913
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.4 45.4



#6
 Bromomethane
 Concen: 6.627 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

Tgt Ion: 94 Resp: 59148
 Ion Ratio Lower Upper
 94 100
 96 90.9 63.7 118.3

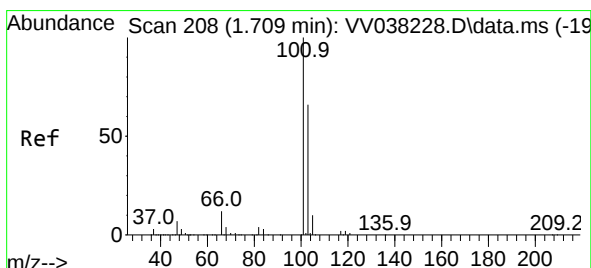
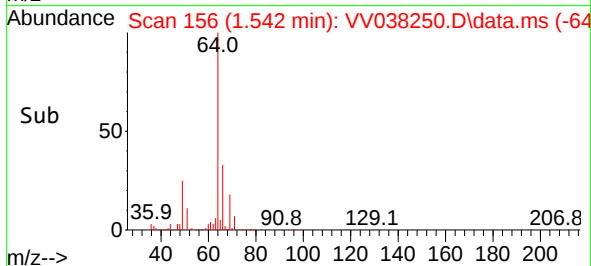
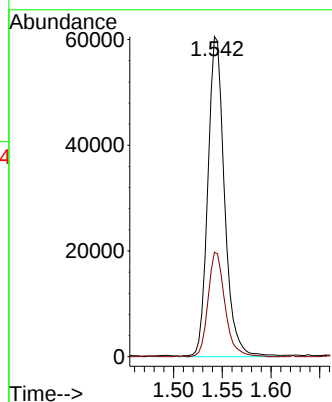
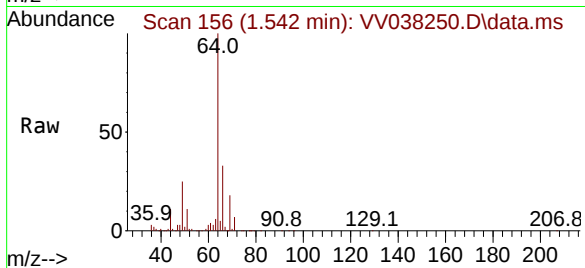




#8
Chloroethane
Concen: 4.939 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

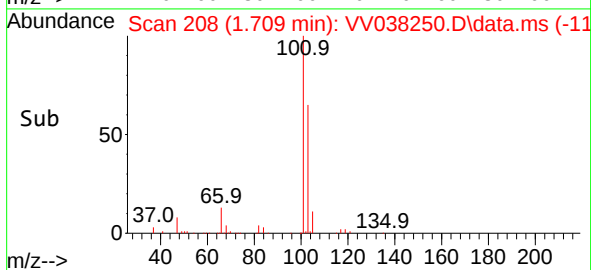
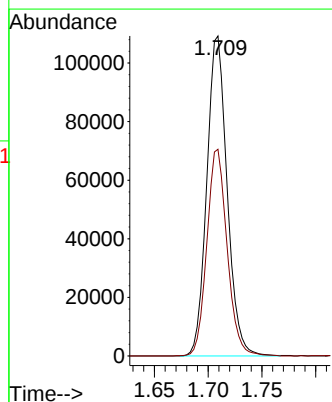
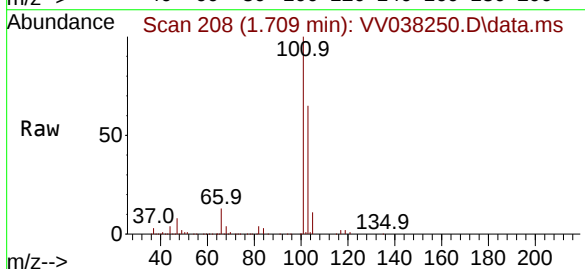
Instrument :
MSVOA_V
ClientSampleId :

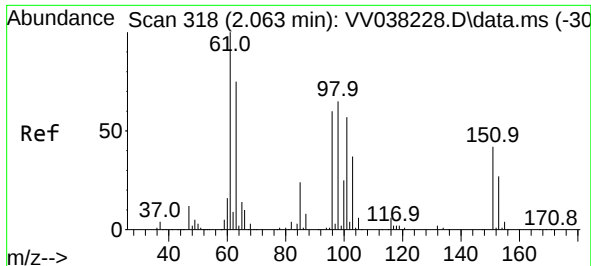
Tgt Ion: 64 Resp: 72037
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.414 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion:101 Resp: 143782
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

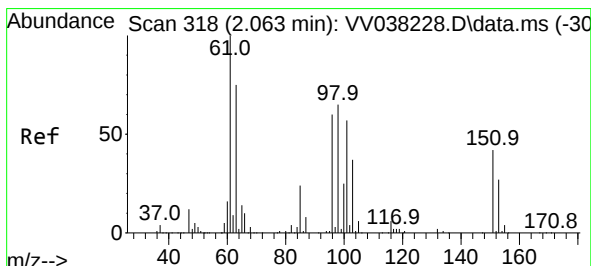
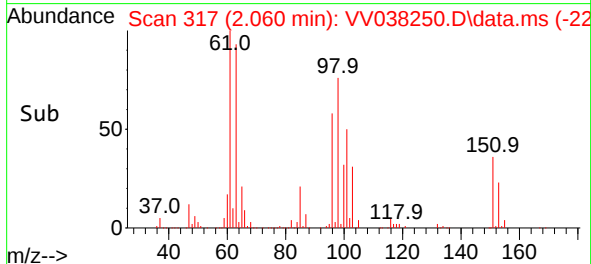
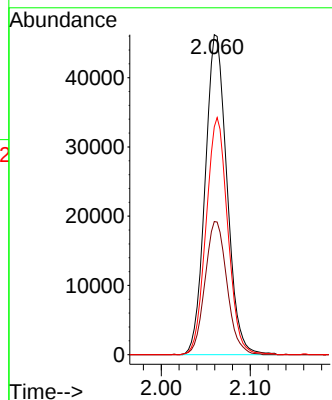
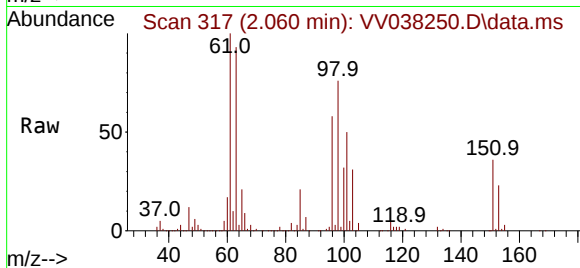




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.211 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

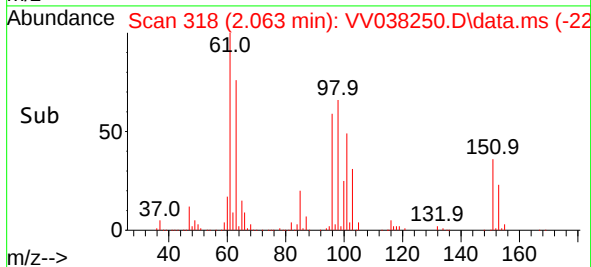
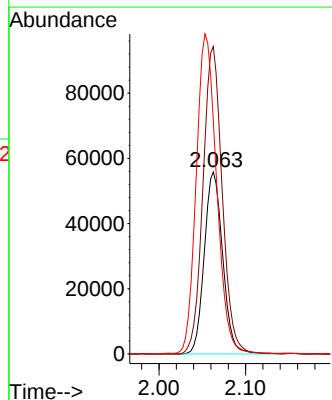
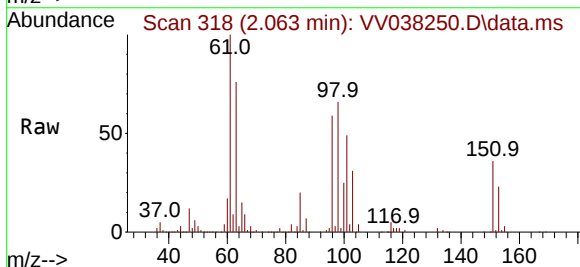
Instrument :
 MSVOA_V
 ClientSampleId :

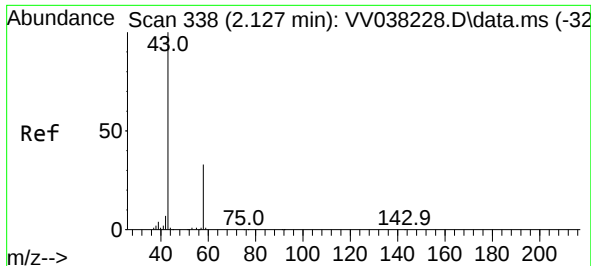
Tgt Ion:101 Resp: 78297
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.4 50.0
 151 73.8 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.654 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

Tgt Ion: 96 Resp: 82428
 Ion Ratio Lower Upper
 96 100
 61 168.9 115.7 214.9
 63 128.3 101.1 187.7





#13

Acetone

Concen: 50.857 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

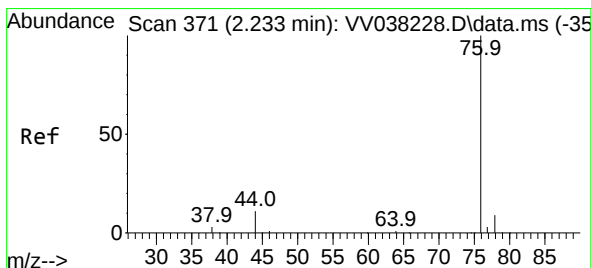
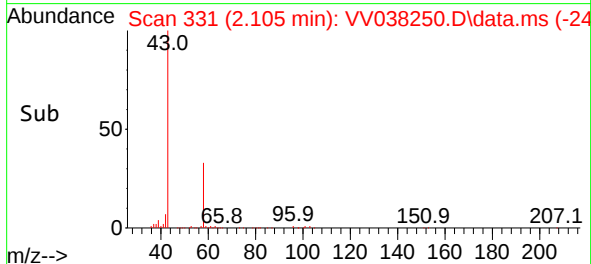
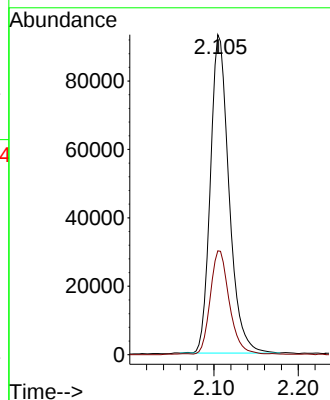
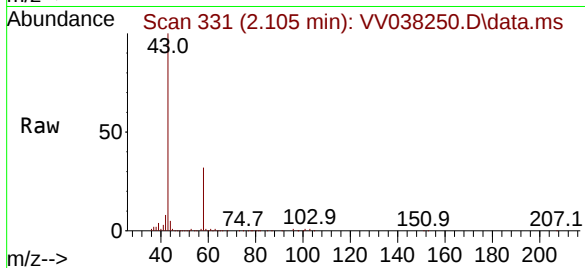
ClientSampleId :

Tgt Ion: 43 Resp: 143005

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.2



#14

Carbon disulfide

Concen: 4.386 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038250.D

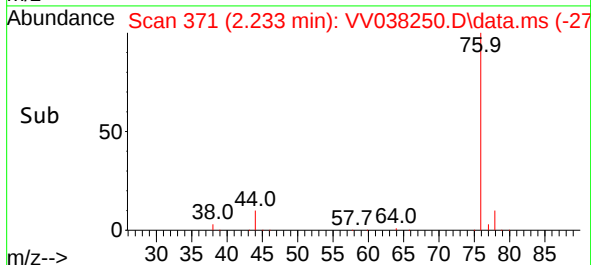
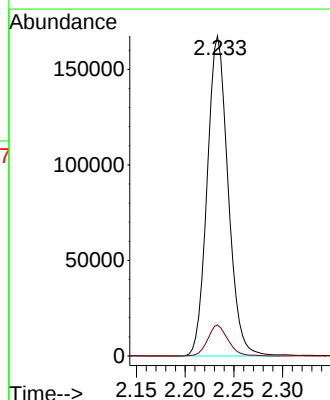
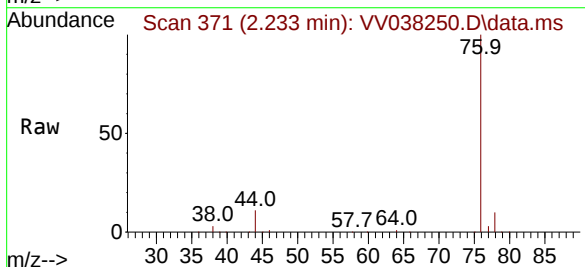
Acq: 21 Nov 2024 19:13

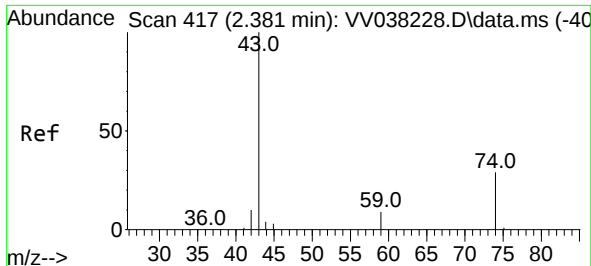
Tgt Ion: 76 Resp: 250222

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0

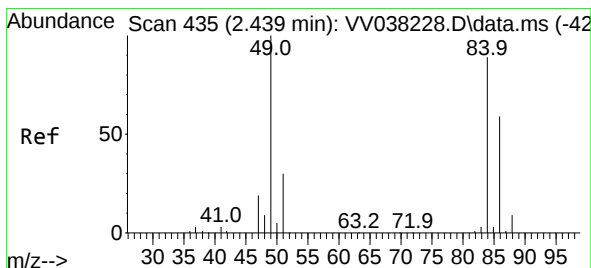
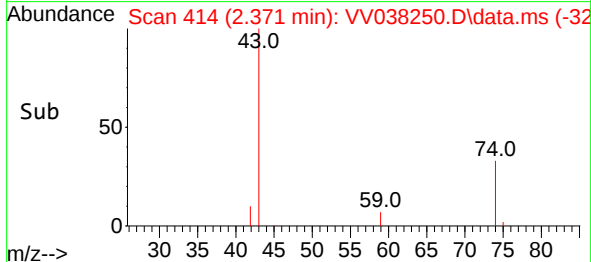
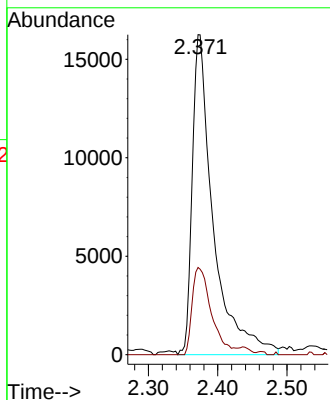
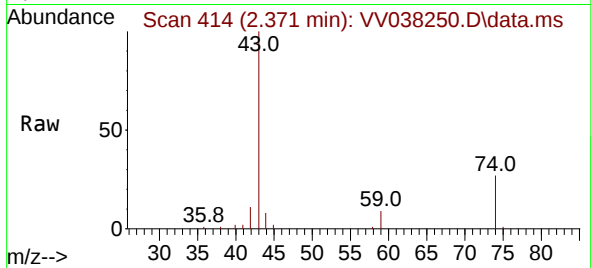




#15
Methyl Acetate
Concen: 5.005 ug/L
RT: 2.371 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

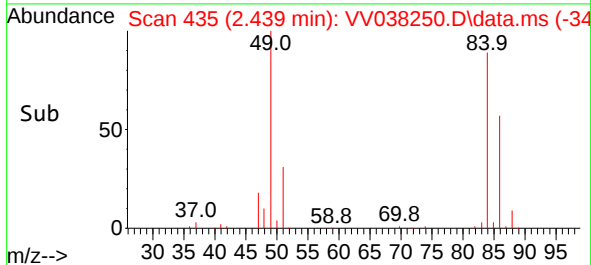
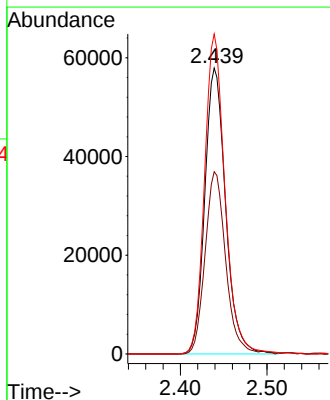
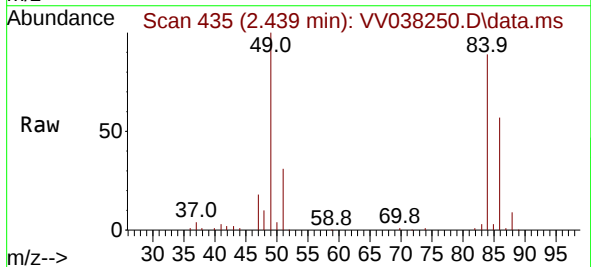
Instrument :
MSVOA_V
ClientSampleId :

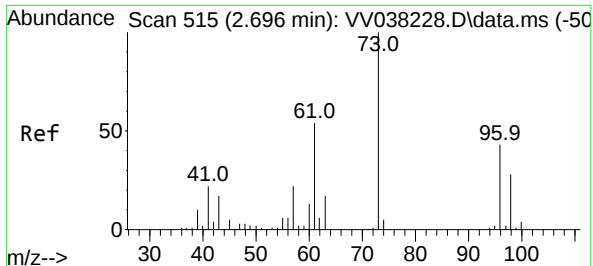
Tgt Ion: 43 Resp: 34180
Ion Ratio Lower Upper
43 100
74 25.0 22.4 33.6



#16
Methylene chloride
Concen: 4.791 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion: 84 Resp: 96748
Ion Ratio Lower Upper
84 100
86 63.7 44.2 82.2
49 111.9 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 4.884 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

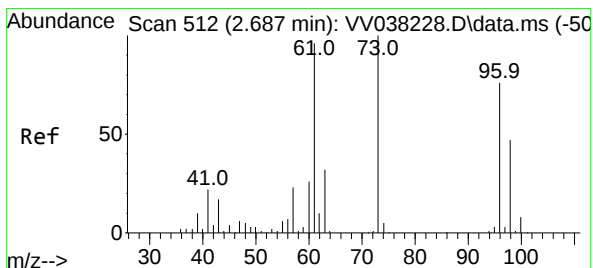
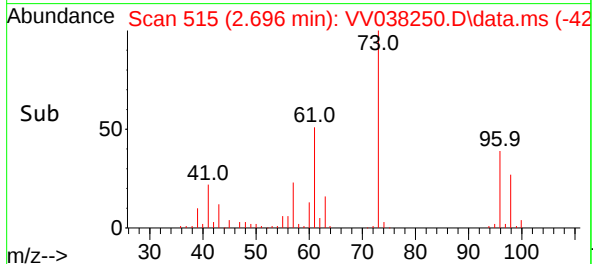
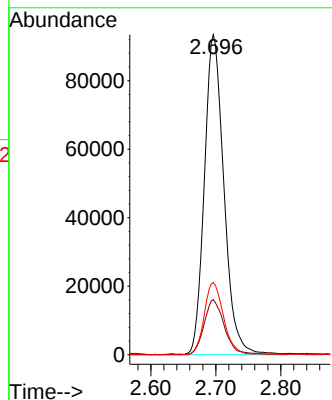
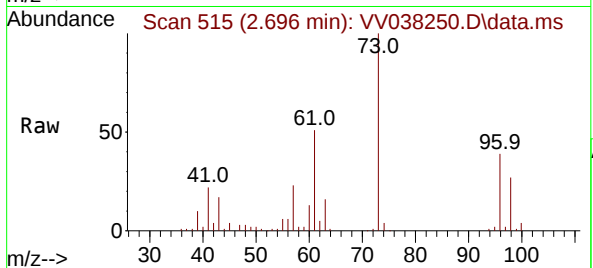
Tgt Ion: 73 Resp: 195571

Ion Ratio Lower Upper

73 100

43 17.9 14.2 21.2

57 22.2 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 4.654 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

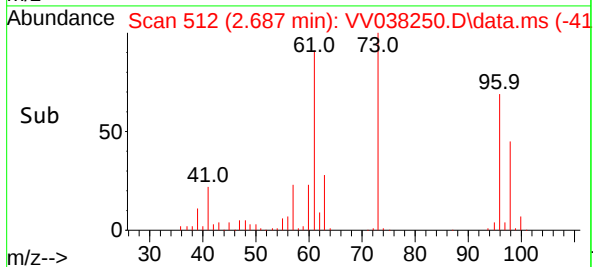
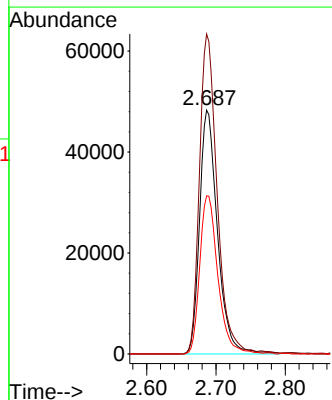
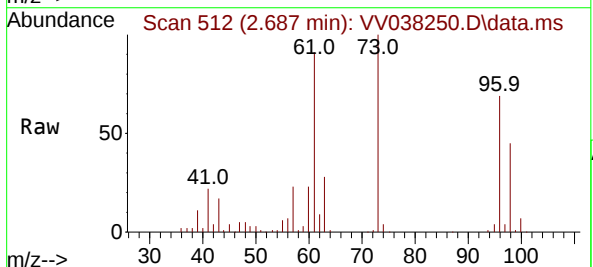
Tgt Ion: 96 Resp: 86839

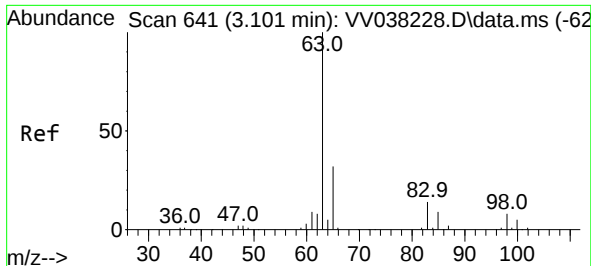
Ion Ratio Lower Upper

96 100

61 131.2 88.5 164.4

98 64.8 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.889 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

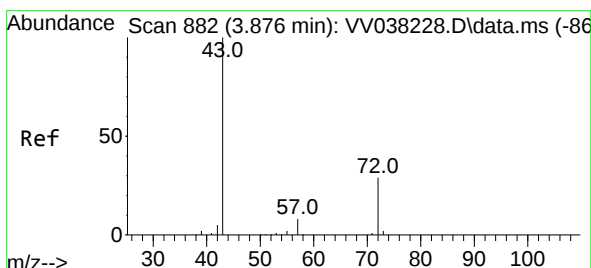
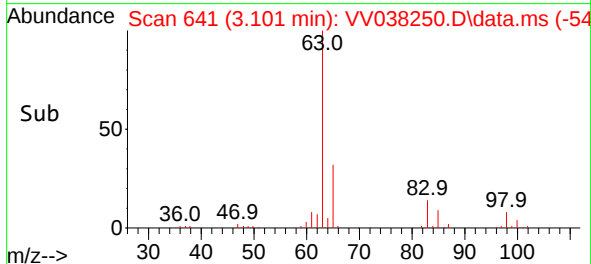
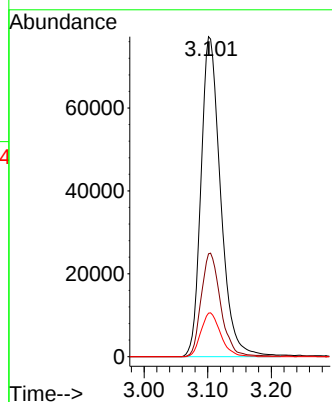
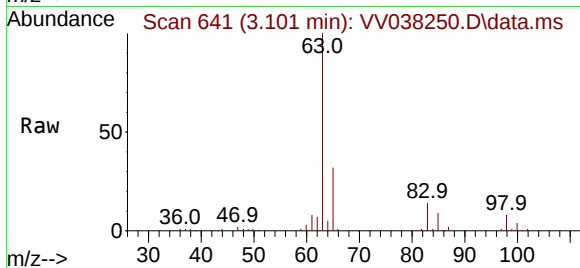
Tgt Ion: 63 Resp: 165583

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.7

83 13.6 10.1 18.9



#21

2-Butanone

Concen: 47.332 ug/L

RT: 3.860 min Scan# 877

Delta R.T. -0.016 min

Lab File: VV038250.D

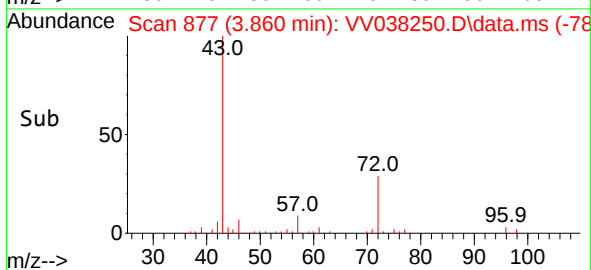
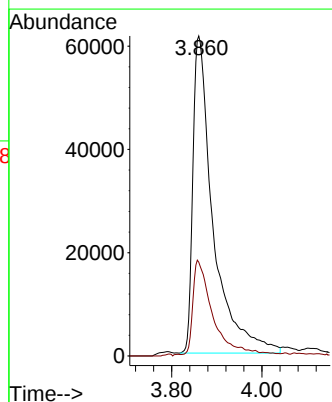
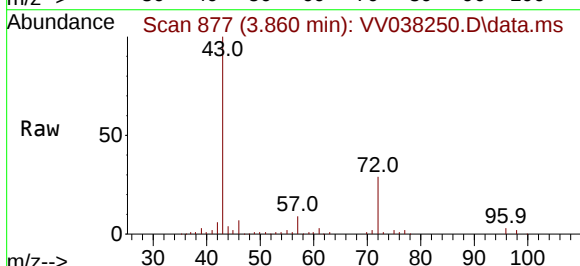
Acq: 21 Nov 2024 19:13

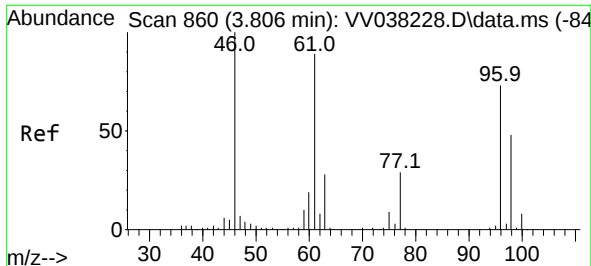
Tgt Ion: 43 Resp: 191021

Ion Ratio Lower Upper

43 100

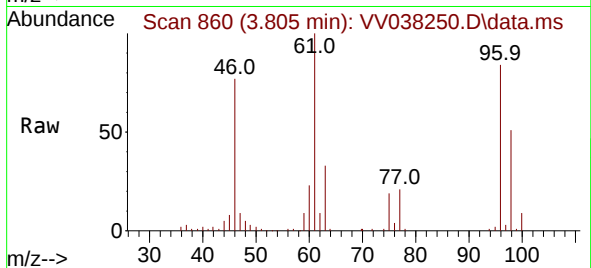
72 26.9 13.0 39.0





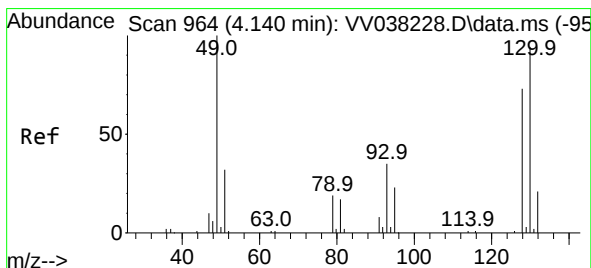
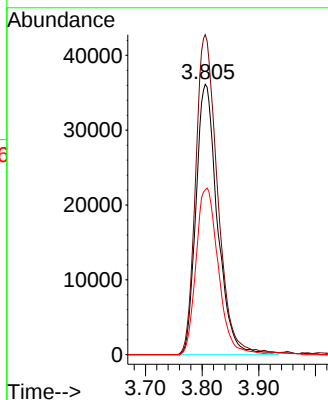
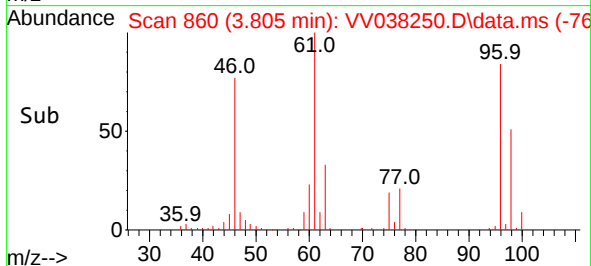
#22
 cis-1,2-Dichloroethene
 Concen: 4.941 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

Instrument :
 MSVOA_V
 ClientSampleId :

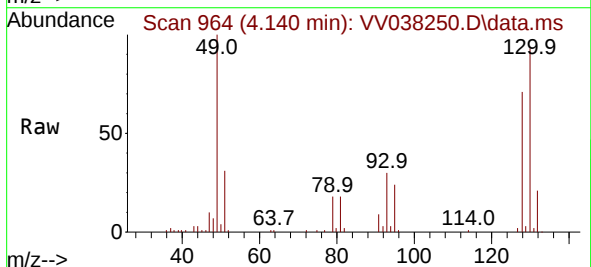


Tgt Ion: 96 Resp: 95326

Ion	Ratio	Lower	Upper
96	100		
61	118.4	82.7	153.5
98	60.9	46.3	85.9

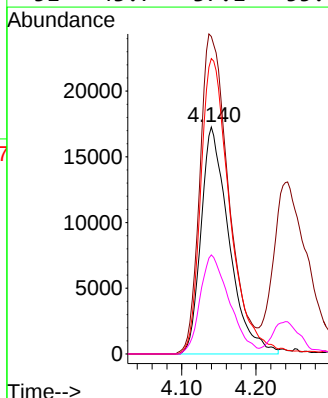
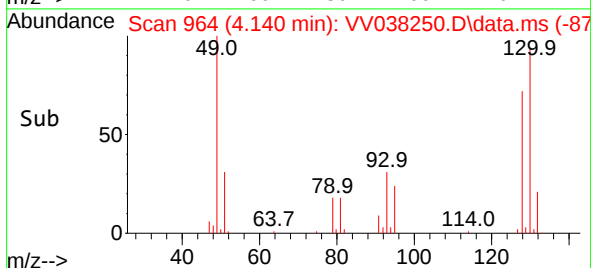


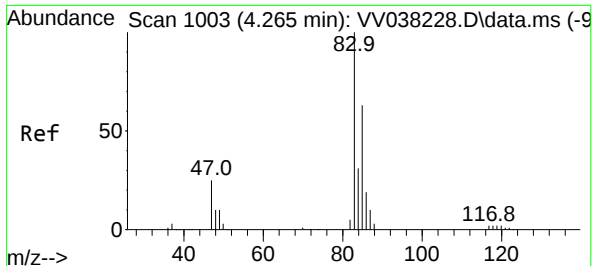
#23
 Bromochloromethane
 Concen: 4.787 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13



Tgt Ion: 128 Resp: 45084

Ion	Ratio	Lower	Upper
128	100		
49	139.9	102.8	190.8
130	130.2	93.6	173.8
51	43.7	37.1	55.7





#25

Chloroform

Concen: 4.842 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

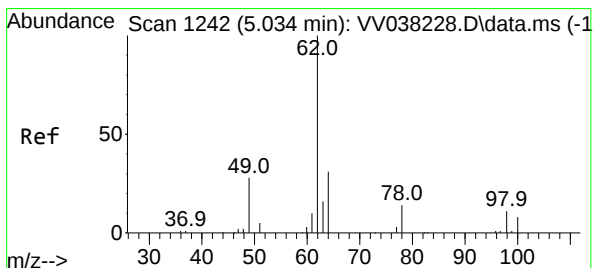
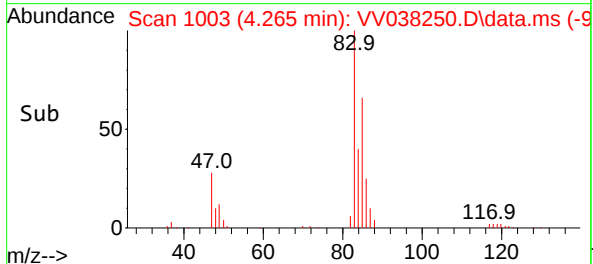
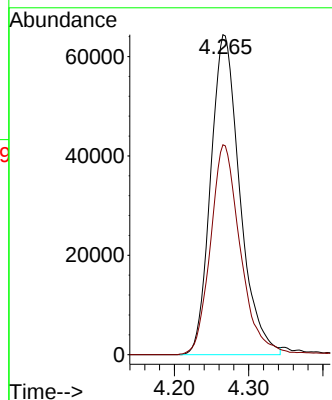
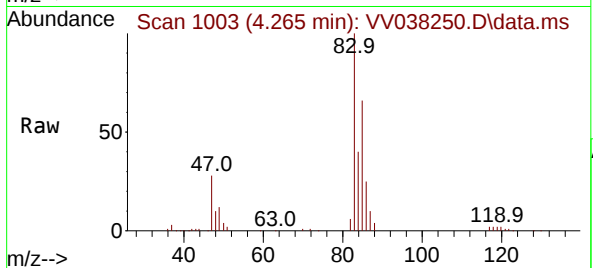
ClientSampleId :

Tgt Ion: 83 Resp: 175419

Ion Ratio Lower Upper

83 100

85 65.6 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.068 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV038250.D

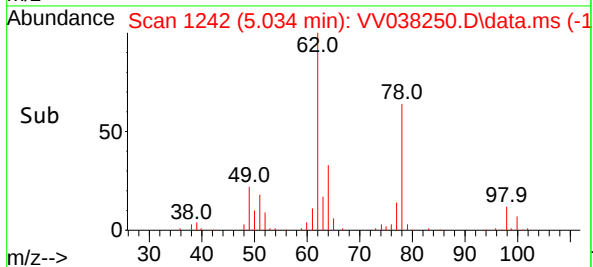
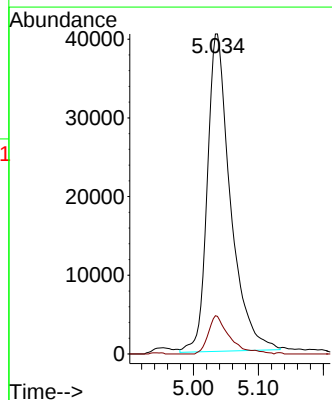
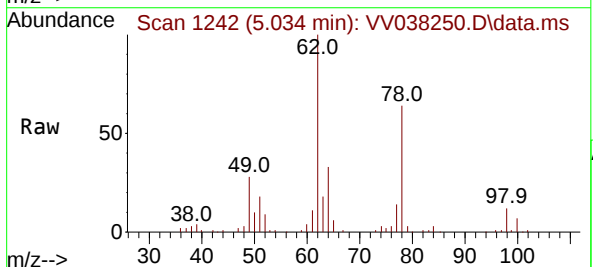
Acq: 21 Nov 2024 19:13

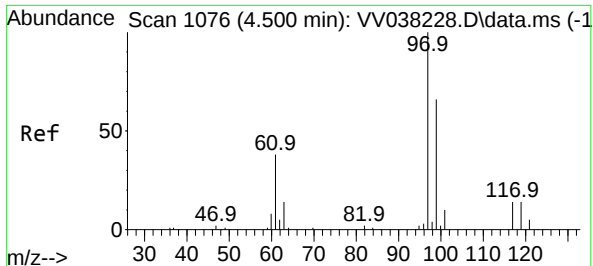
Tgt Ion: 62 Resp: 99913

Ion Ratio Lower Upper

62 100

98 11.9 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.822 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

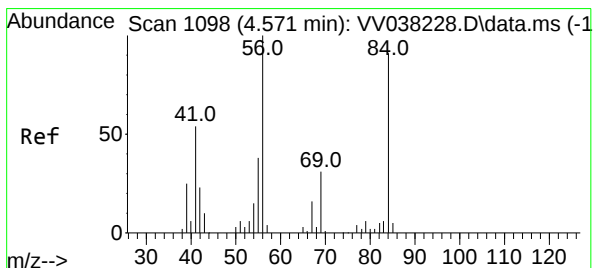
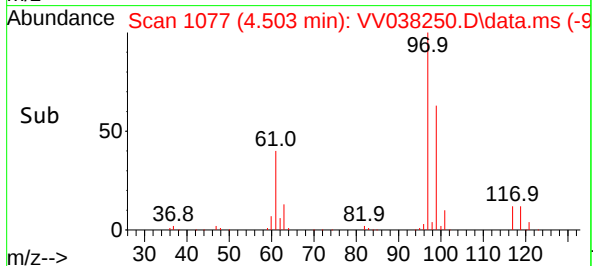
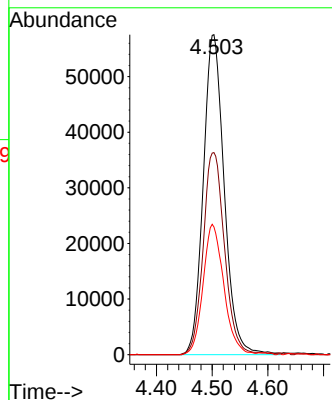
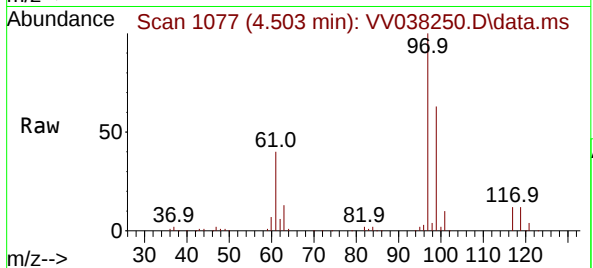
Tgt Ion: 97 Resp: 150739

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 40.3 32.2 48.2



#30

Cyclohexane

Concen: 3.860 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

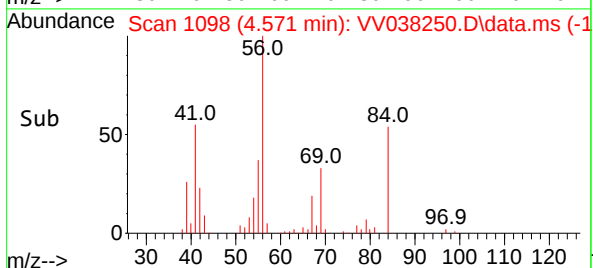
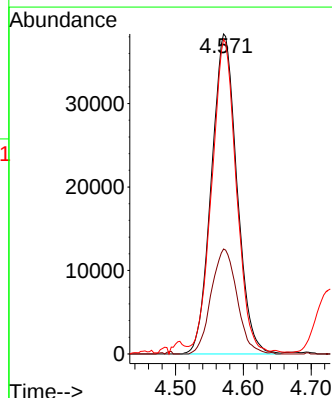
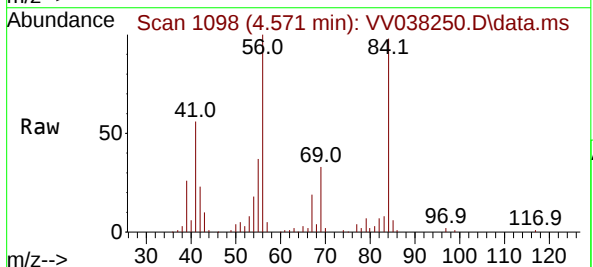
Tgt Ion: 56 Resp: 100080

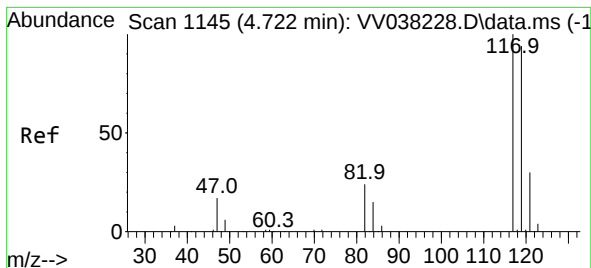
Ion Ratio Lower Upper

56 100

69 33.3 26.0 39.0

84 93.8 75.6 113.4





#31

Carbon tetrachloride

Concen: 4.651 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

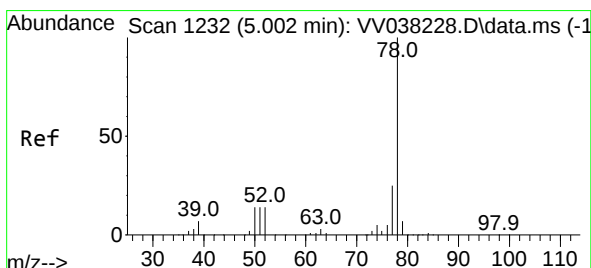
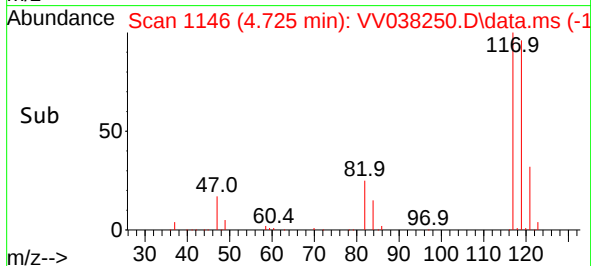
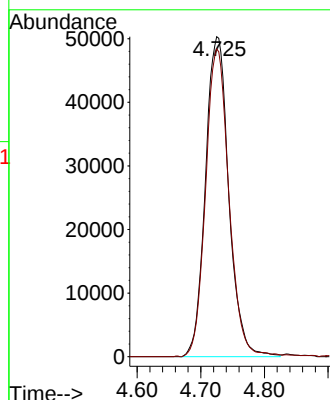
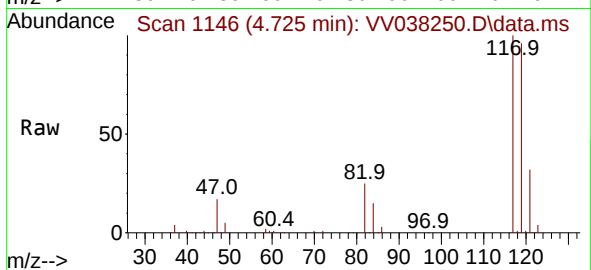
ClientSampleId :

Tgt Ion:117 Resp: 128265

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.2



#33

Benzene

Concen: 4.926 ug/L

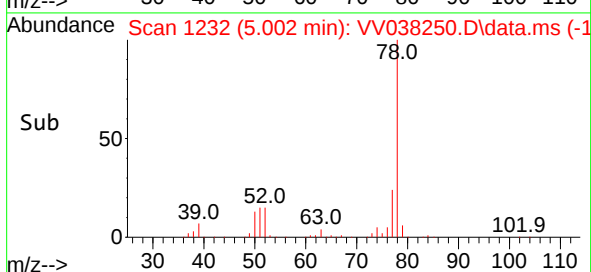
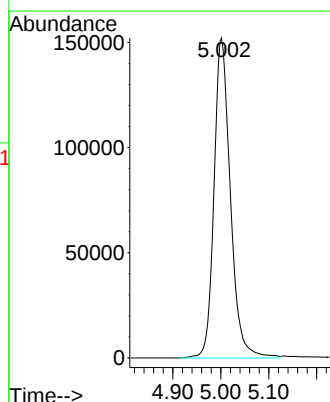
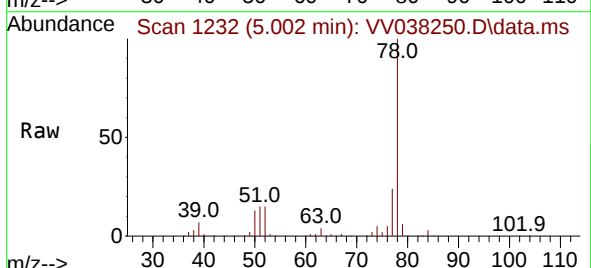
RT: 5.002 min Scan# 1232

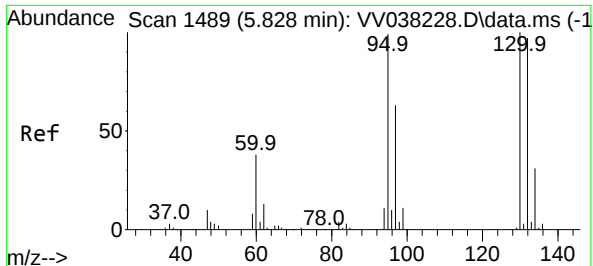
Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

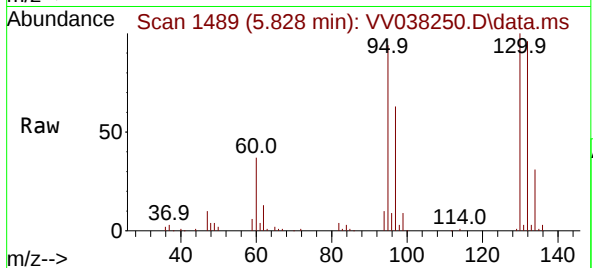
Tgt Ion: 78 Resp: 360627



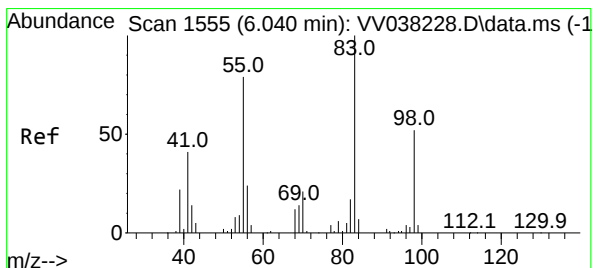
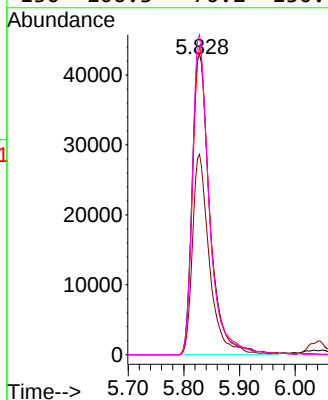
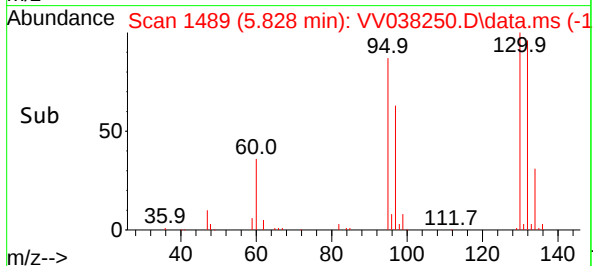


#34
 Trichloroethene
 Concen: 4.761 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

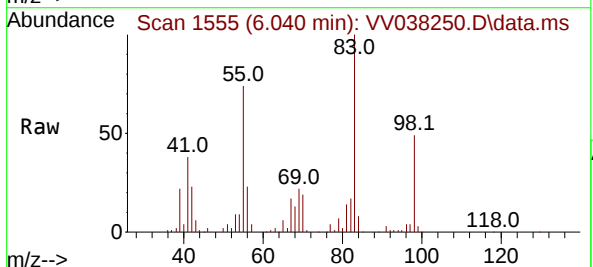
Instrument :
 MSVOA_V
 ClientSampleId :



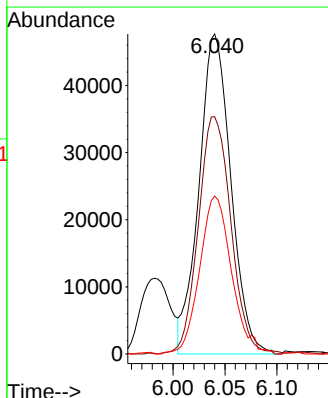
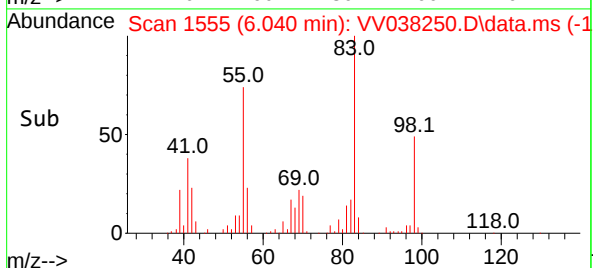
Tgt Ion:	95	Resp:	95018
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.8	83.2
132	102.3	68.3	126.8
130	106.3	70.2	130.4

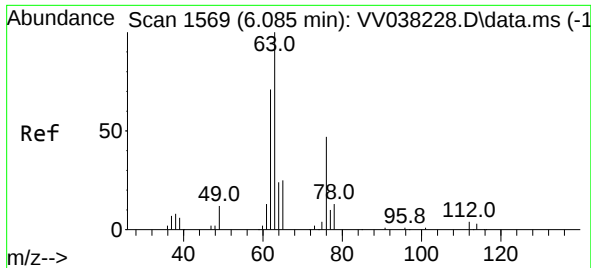


#35
 Methylcyclohexane
 Concen: 3.601 ug/L
 RT: 6.040 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13



Tgt Ion:	83	Resp:	101675
Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.7	89.5
98	49.4	39.0	58.4

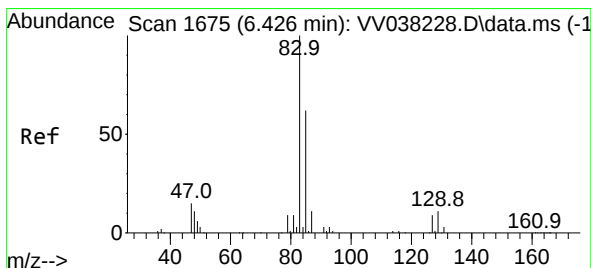
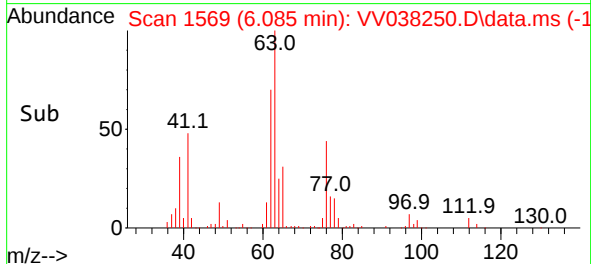
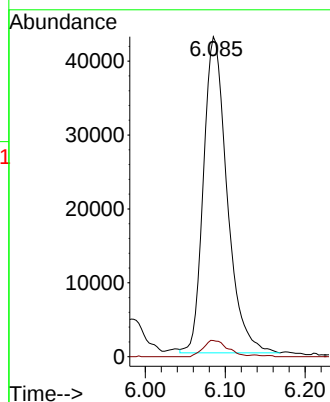
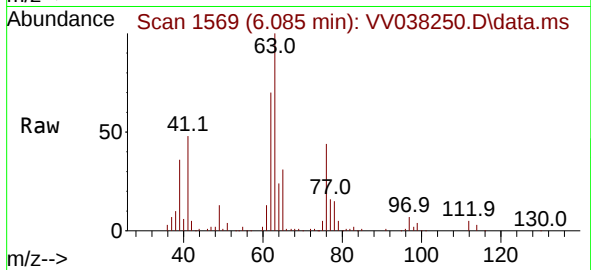




#37
1,2-Dichloropropane
Concen: 4.813 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

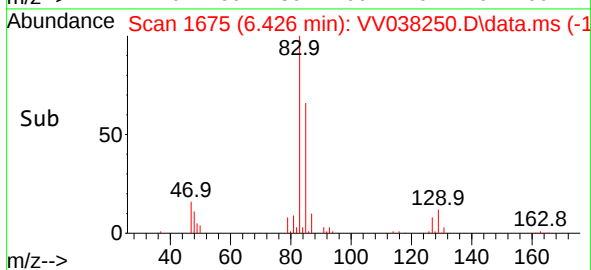
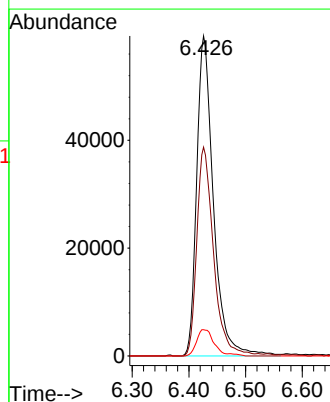
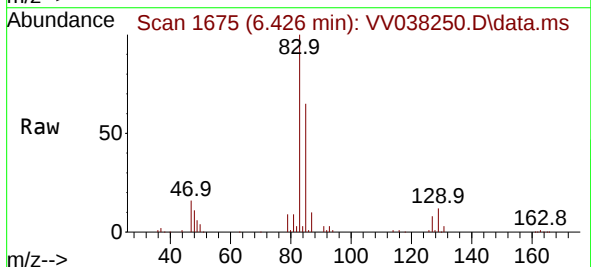
Instrument :
MSVOA_V
ClientSampleId :

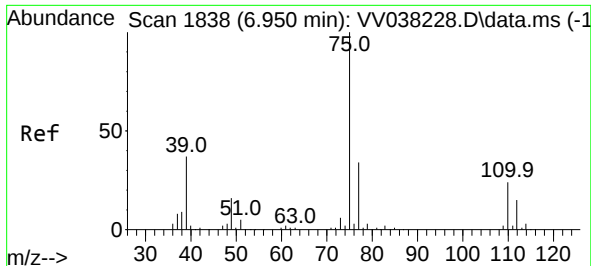
Tgt Ion: 63 Resp: 88260
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9



#38
Bromodichloromethane
Concen: 4.942 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion: 83 Resp: 121832
Ion Ratio Lower Upper
83 100
85 65.3 43.9 81.5
127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.808 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

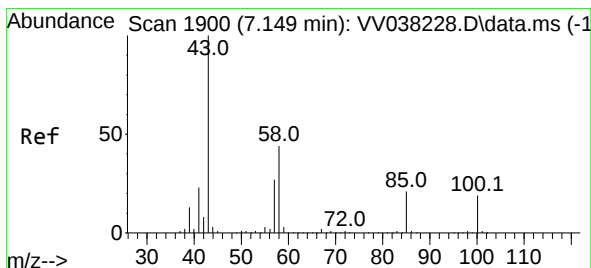
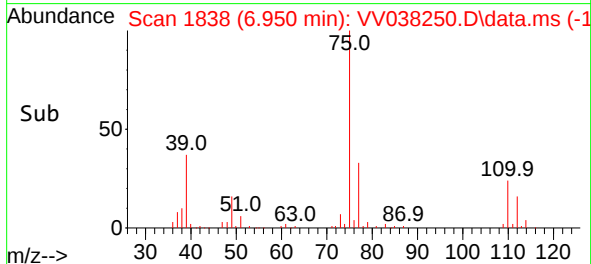
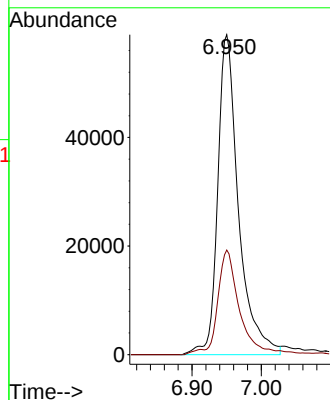
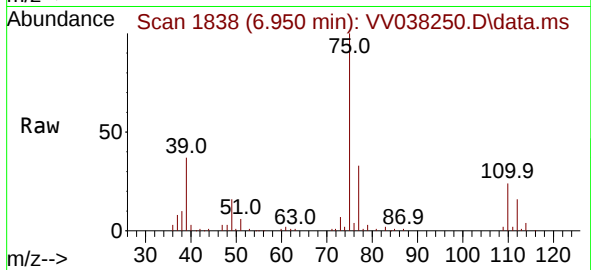
ClientSampleId :

Tgt Ion: 75 Resp: 123093

Ion Ratio Lower Upper

75 100

77 32.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 51.439 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

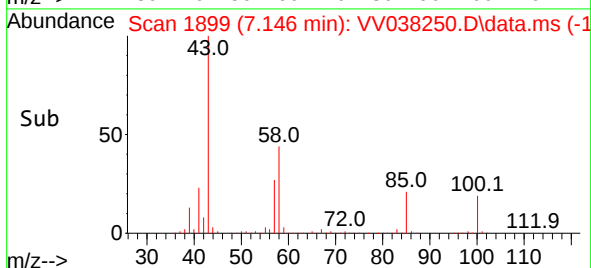
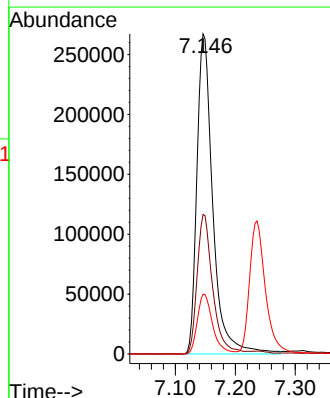
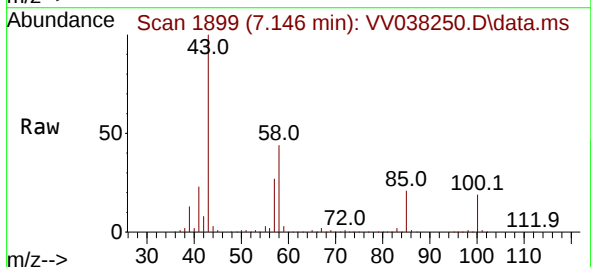
Tgt Ion: 43 Resp: 493732

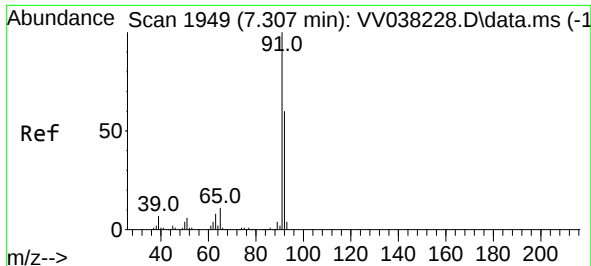
Ion Ratio Lower Upper

43 100

58 42.5 33.4 50.2

100 18.0 14.3 21.5

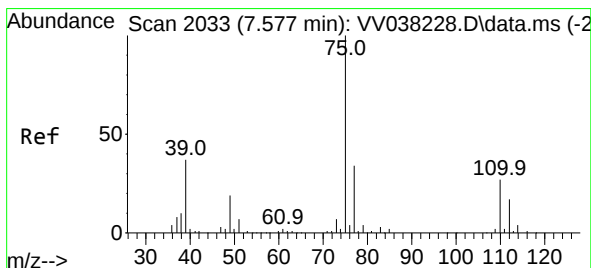
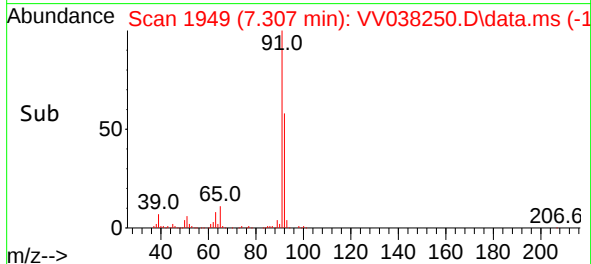
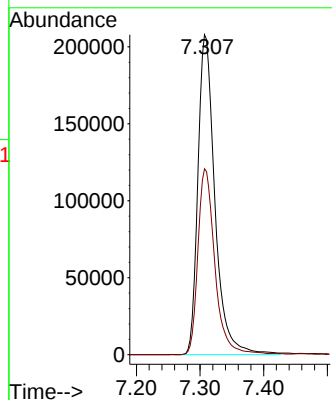
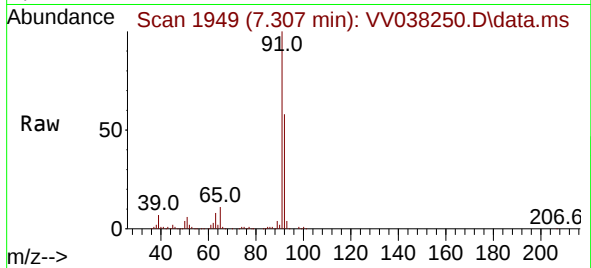




#42
Toluene
Concen: 4.984 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

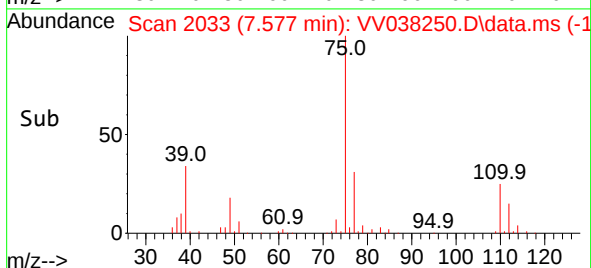
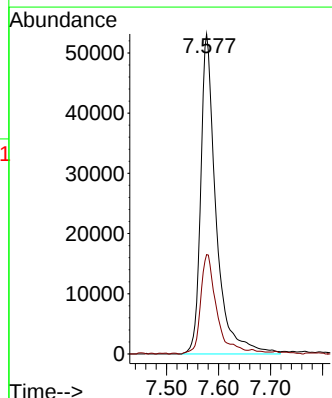
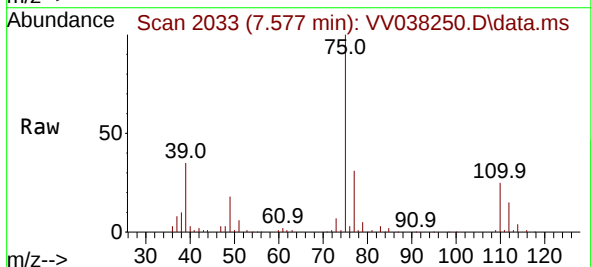
Instrument : MSVOA_V
ClientSampleId :

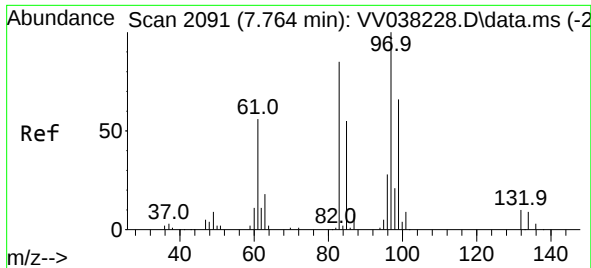
Tgt Ion: 91 Resp: 386422
Ion Ratio Lower Upper
91 100
92 58.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.047 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion: 75 Resp: 109145
Ion Ratio Lower Upper
75 100
77 31.1 23.4 43.4

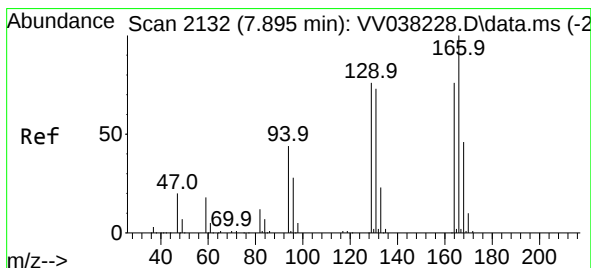
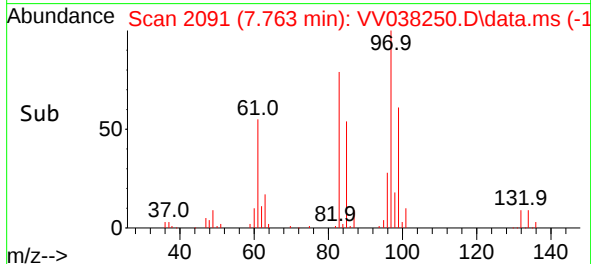
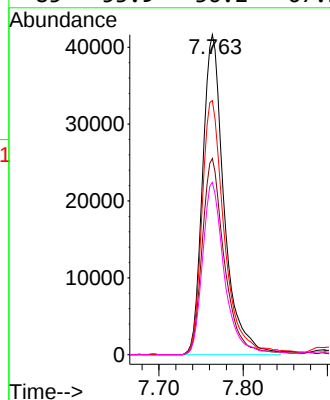
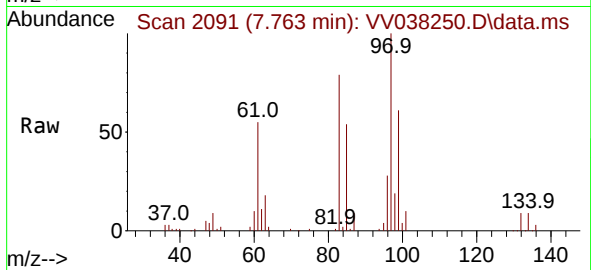




#45
1,1,2-Trichloroethane
Concen: 4.992 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

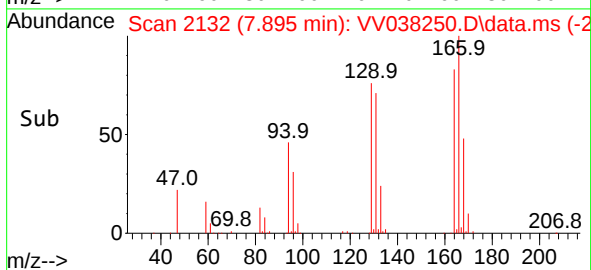
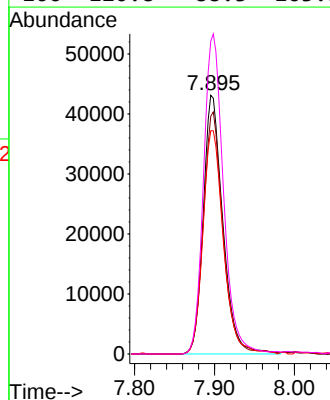
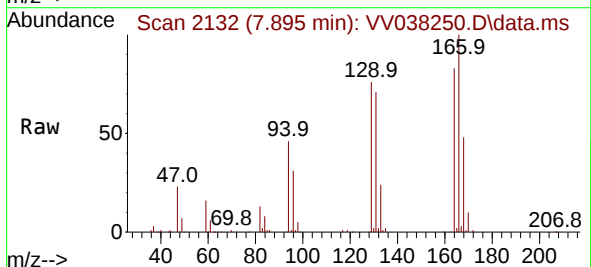
Instrument :
MSVOA_V
ClientSampleId :

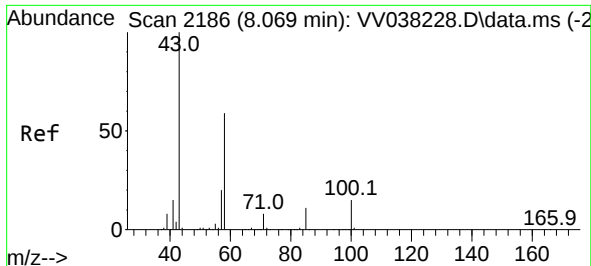
Tgt Ion: 97	Resp: 74242
Ion Ratio	Lower Upper
97 100	
99 61.3	41.9 77.7
83 79.4	57.7 107.1
85 53.9	36.2 67.2



#47
Tetrachloroethene
Concen: 4.591 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

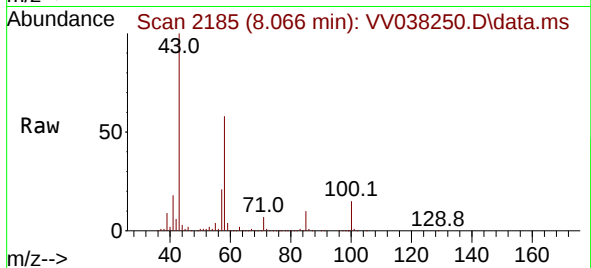
Tgt	Ion:164	Resp:	73636
Ion	Ratio	Lower	Upper
164	100		
129	91.8	68.5	127.1
131	86.3	64.8	120.4
166	120.8	88.3	163.9



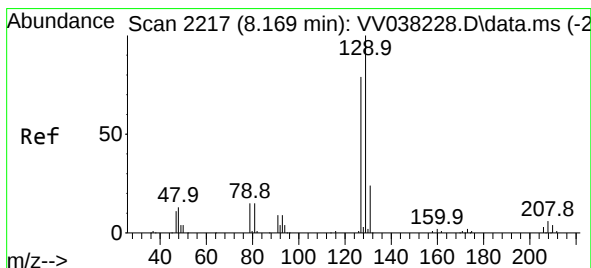
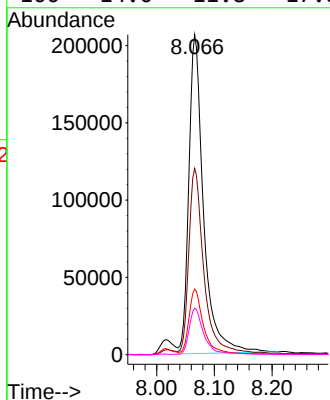
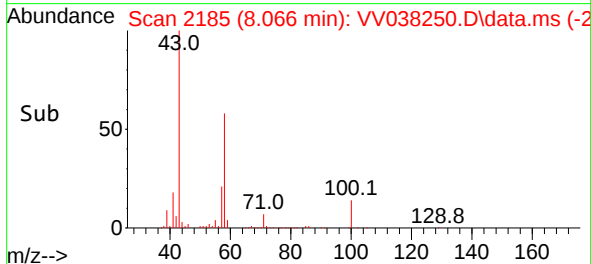


#48
2-Hexanone
Concen: 52.652 ug/L
RT: 8.066 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Instrument :
MSVOA_V
ClientSampleId :

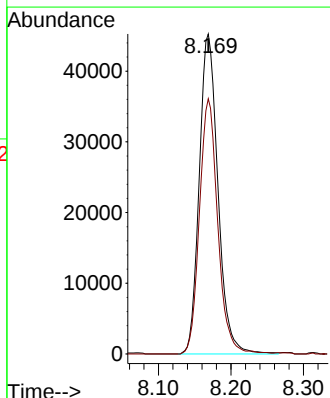
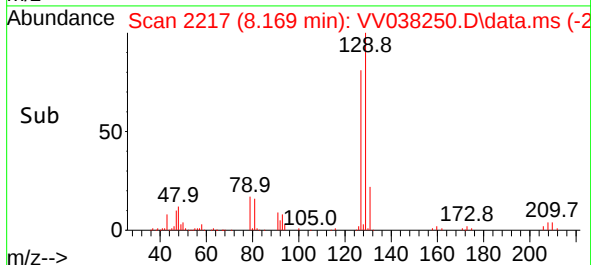
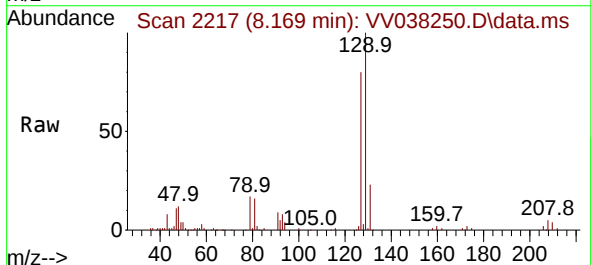


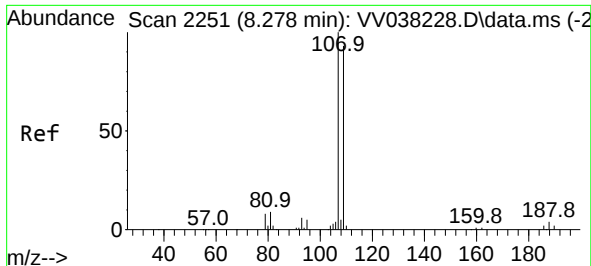
Tgt Ion: 43 Resp: 366477
Ion Ratio Lower Upper
43 100
58 58.2 49.2 73.8
57 19.8 16.9 25.3
100 14.0 11.8 17.8



#49
Dibromochloromethane
Concen: 4.998 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion: 129 Resp: 81037
Ion Ratio Lower Upper
129 100
127 79.7 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.069 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

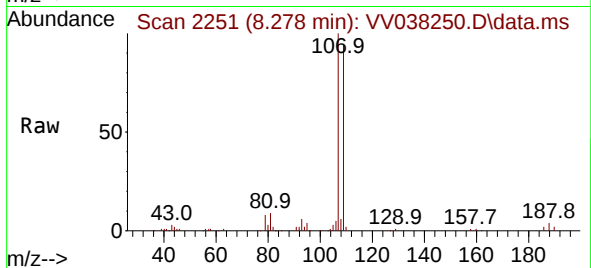
Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :



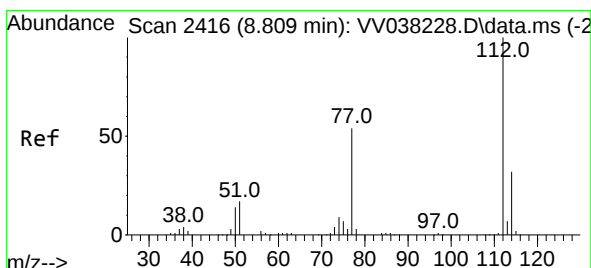
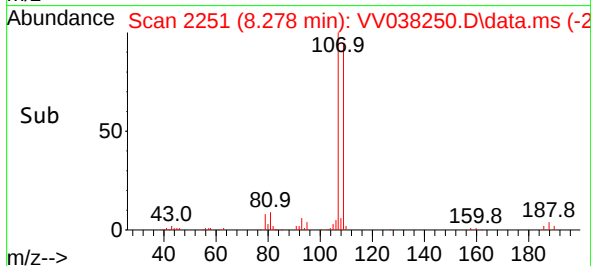
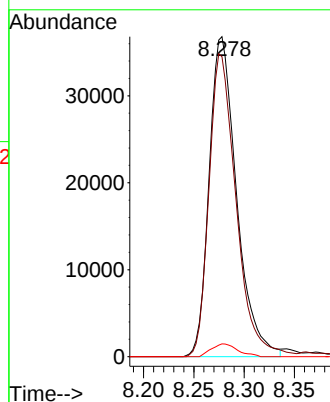
Tgt Ion:107 Resp: 69889

Ion Ratio Lower Upper

107 100

109 93.8 66.1 122.7

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 4.746 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

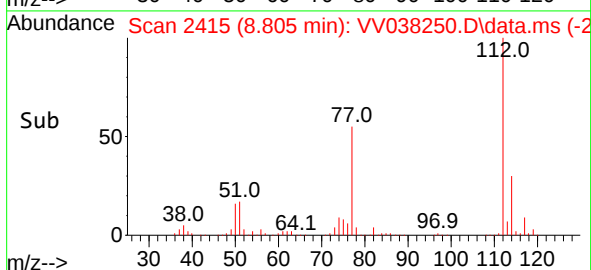
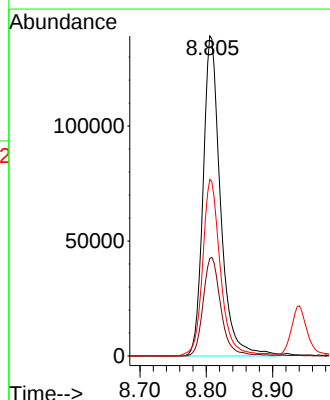
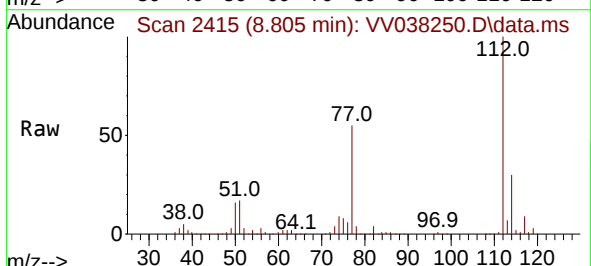
Tgt Ion:112 Resp: 253529

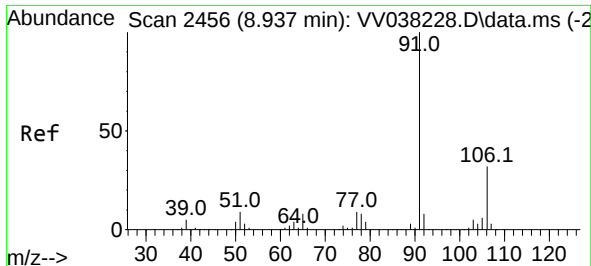
Ion Ratio Lower Upper

112 100

114 30.5 22.0 40.8

77 55.2 45.0 67.4

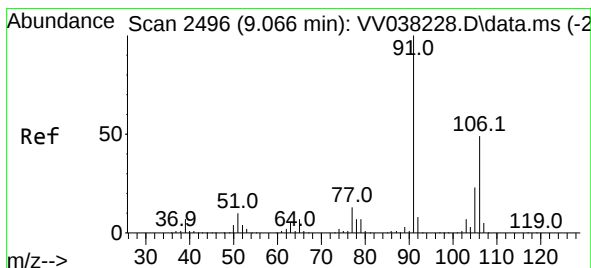
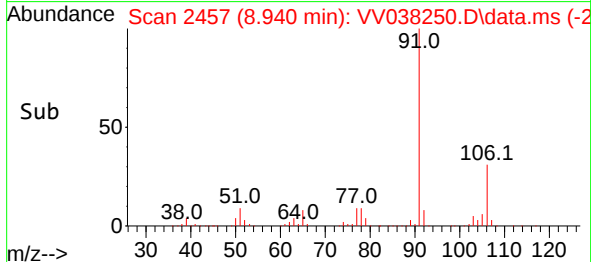
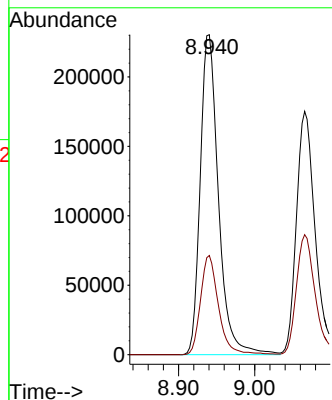
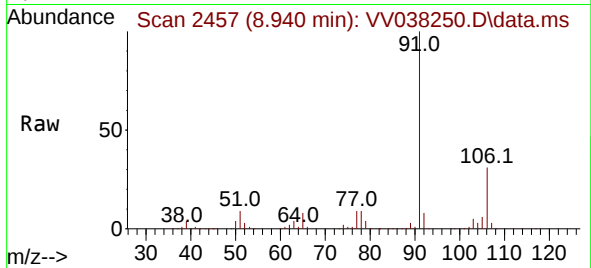




#52
Ethylbenzene
Concen: 4.669 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

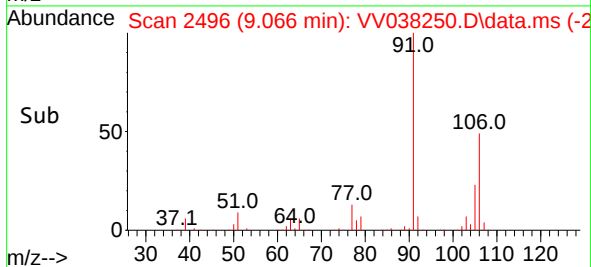
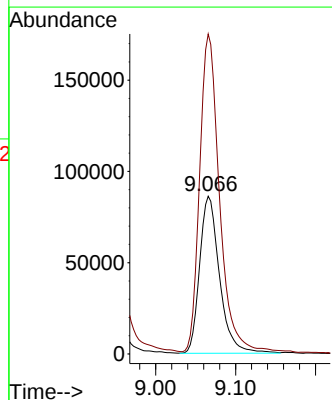
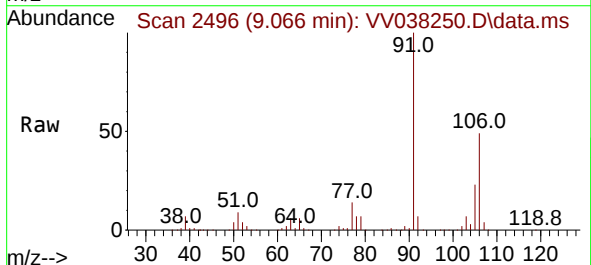
Instrument :
MSVOA_V
ClientSampleId :

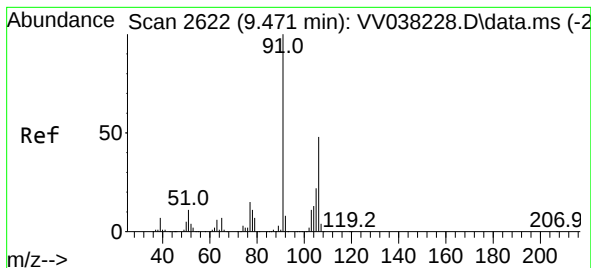
Tgt Ion: 91 Resp: 384073
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4



#53
m,p-Xylene
Concen: 4.807 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion: 106 Resp: 149213
Ion Ratio Lower Upper
106 100
91 202.9 138.7 257.5





#54

o-Xylene

Concen: 4.687 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

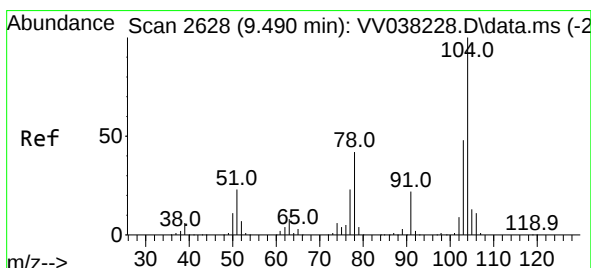
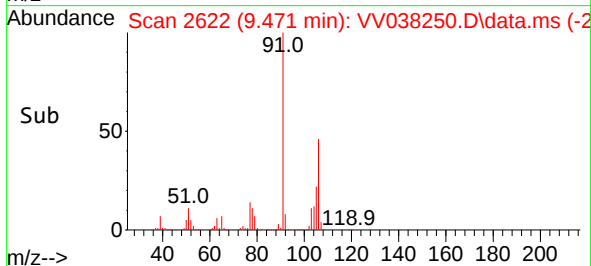
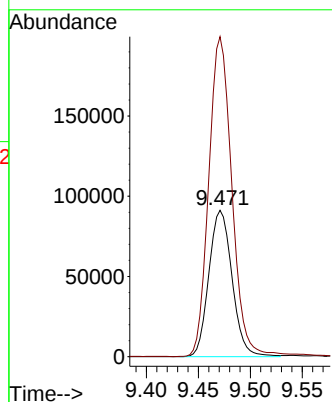
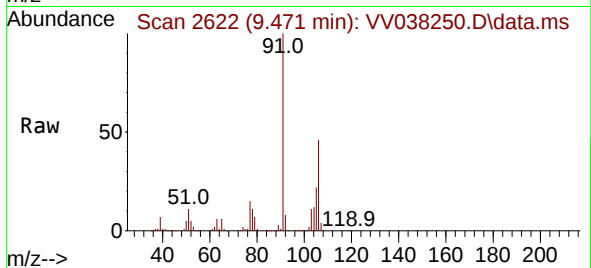
ClientSampleId :

Tgt Ion:106 Resp: 141643

Ion Ratio Lower Upper

106 100

91 218.5 155.5 288.7



#55

Styrene

Concen: 4.911 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV038250.D

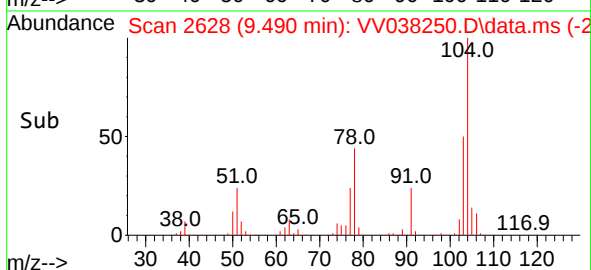
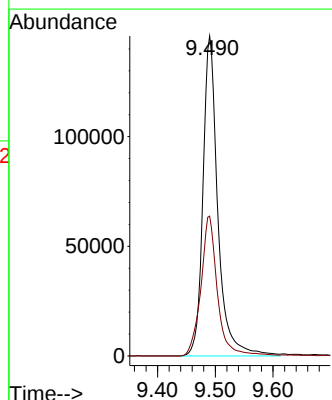
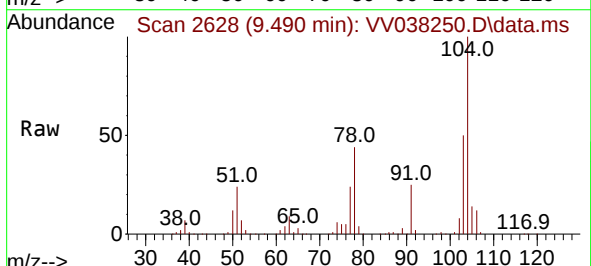
Acq: 21 Nov 2024 19:13

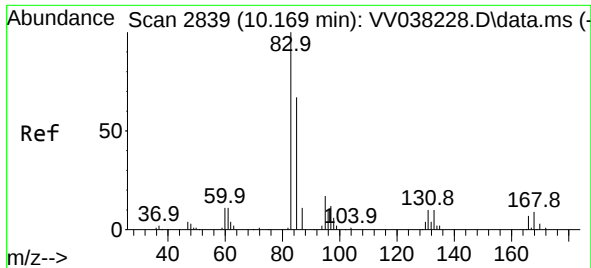
Tgt Ion:104 Resp: 261643

Ion Ratio Lower Upper

104 100

78 43.7 29.7 55.1

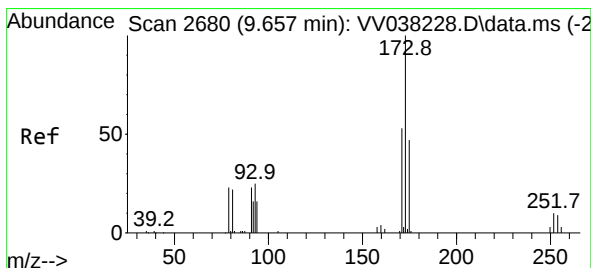
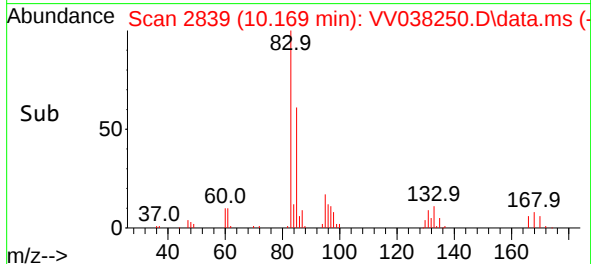
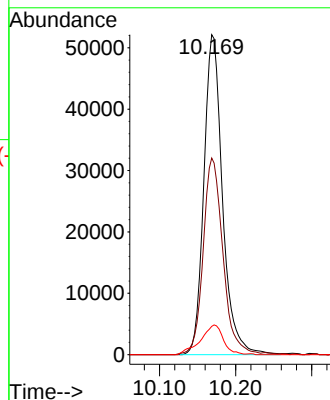
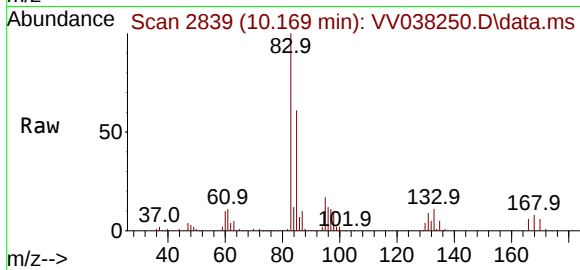




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.109 ug/L
 RT: 10.169 min Scan# 2839
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

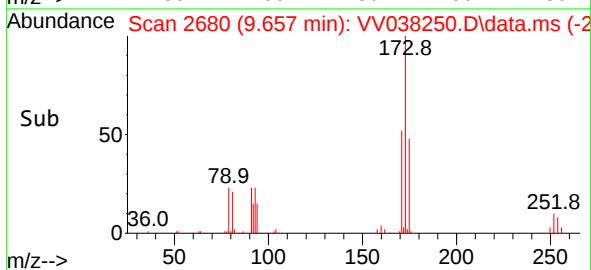
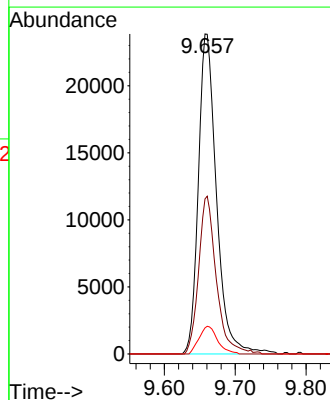
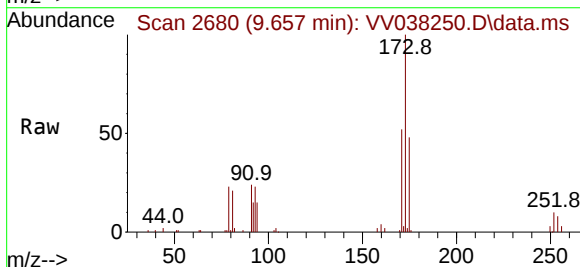
Instrument :
 MSVOA_V
 ClientSampleId :

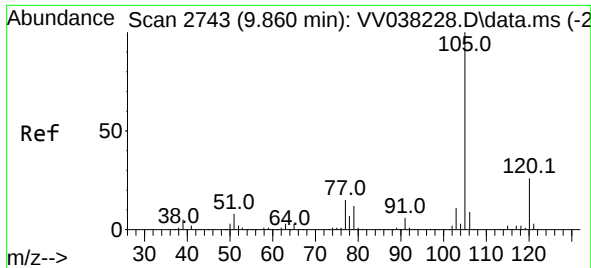
Tgt Ion:	83	Resp:	88854
Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.7	84.9
131	8.9	8.2	12.4



#59
 Bromoform
 Concen: 5.212 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

Tgt Ion:	173	Resp:	42367
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.5	57.7
254	8.8	6.9	10.3

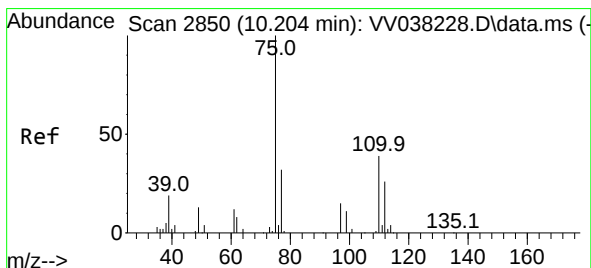
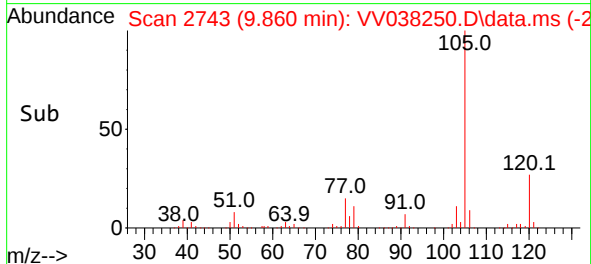
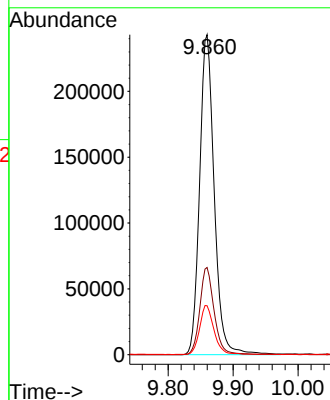
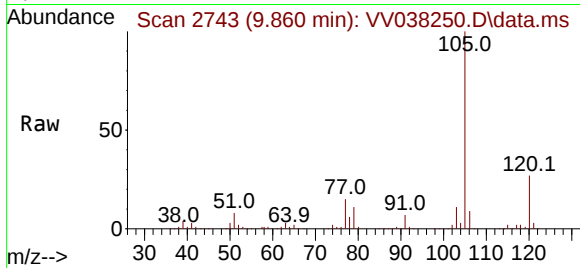




#60
Isopropylbenzene
Concen: 4.737 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

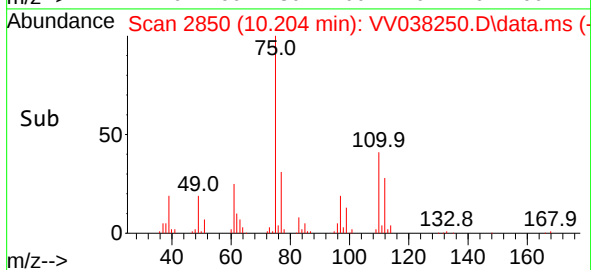
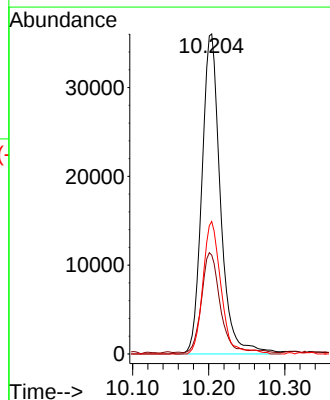
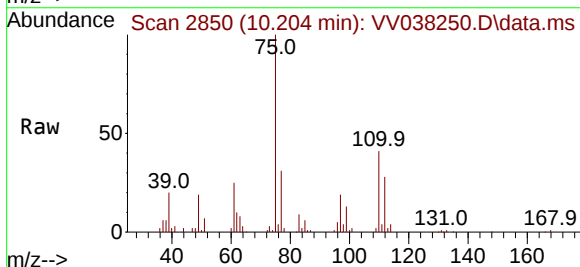
Instrument :
MSVOA_V
ClientSampleId :

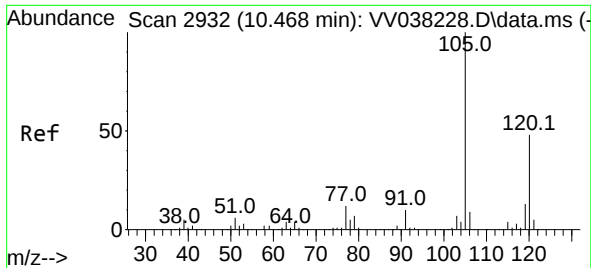
Tgt Ion:105 Resp: 381064
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.120 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion: 75 Resp: 61225
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
110 40.4 32.3 48.5

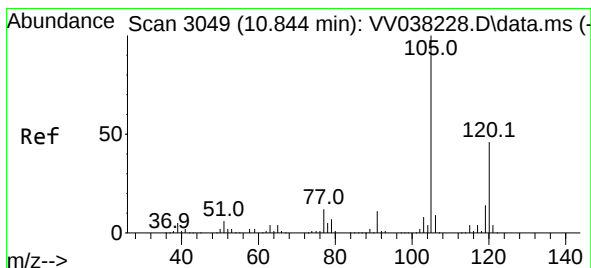
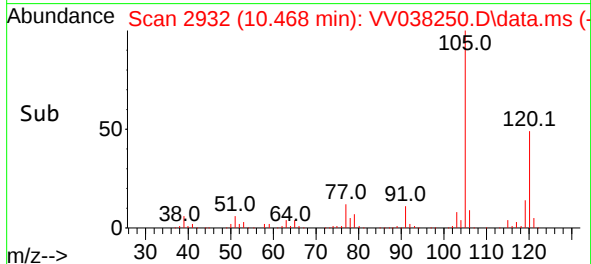
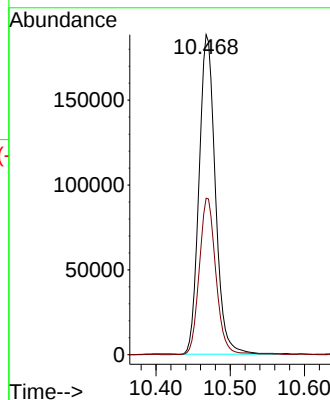
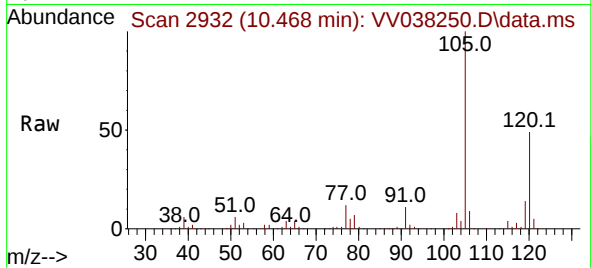




#62
 1,3,5-Trimethylbenzene
 Concen: 4.515 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

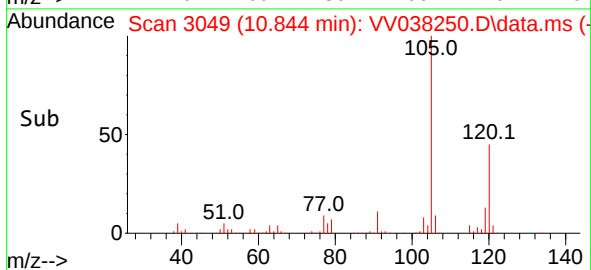
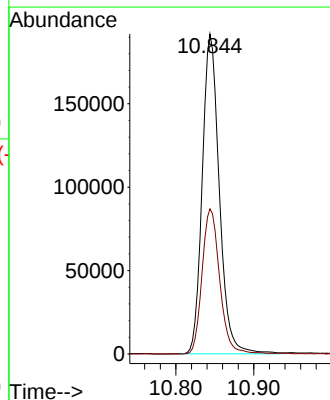
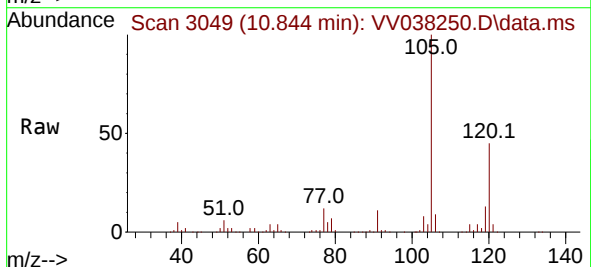
Instrument :
 MSVOA_V
 ClientSampleId :

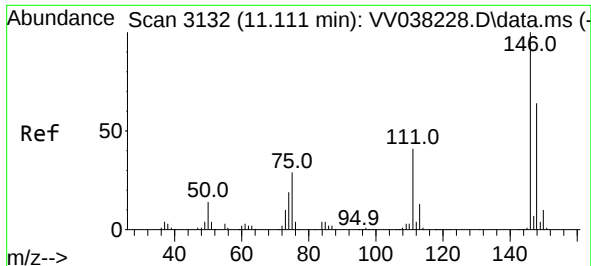
Tgt Ion:105 Resp: 288221
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.590 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV038250.D
 Acq: 21 Nov 2024 19:13

Tgt Ion:105 Resp: 292175
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.0 55.4

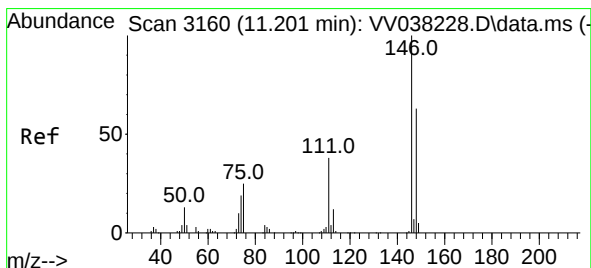
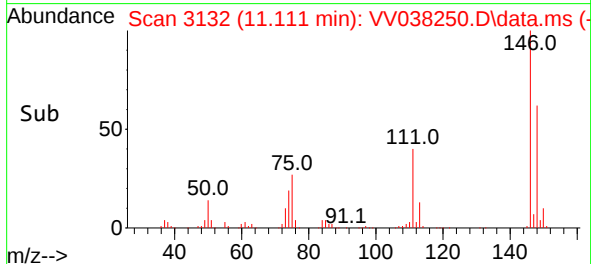
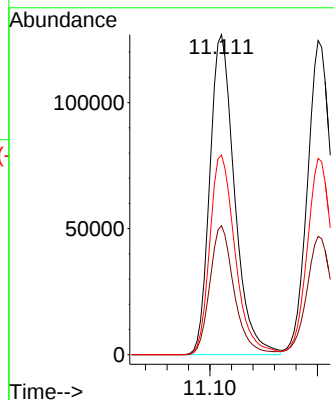
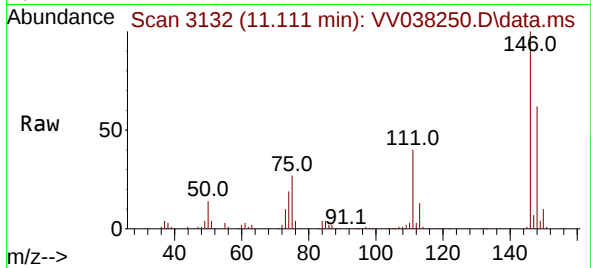




#64
1,3-Dichlorobenzene
Concen: 4.710 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

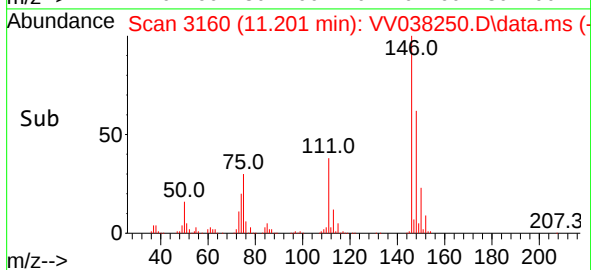
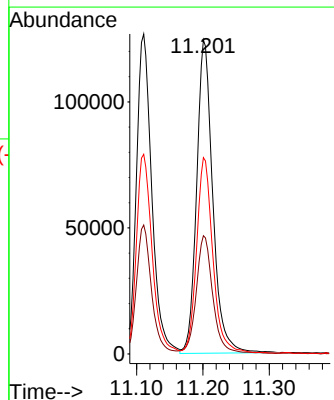
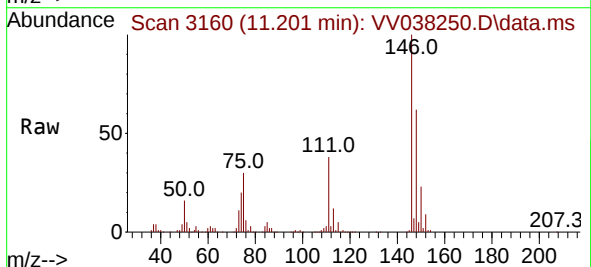
Instrument :
MSVOA_V
ClientSampleId :

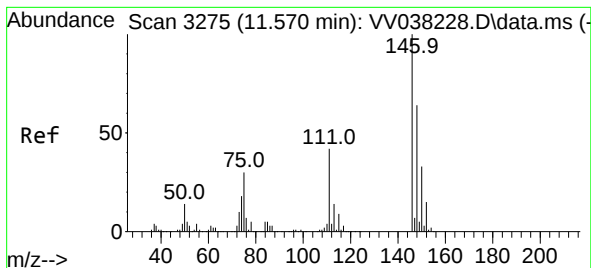
Tgt Ion:146 Resp: 203429
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 62.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.805 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038250.D
Acq: 21 Nov 2024 19:13

Tgt Ion:146 Resp: 209815
Ion Ratio Lower Upper
146 100
111 37.7 27.4 50.8
148 62.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.842 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

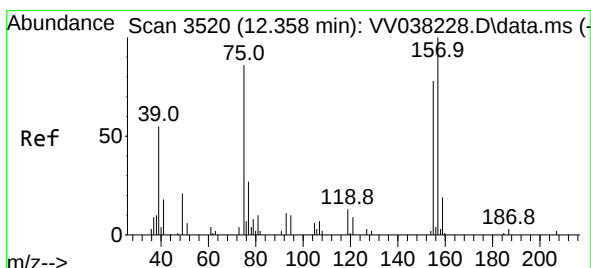
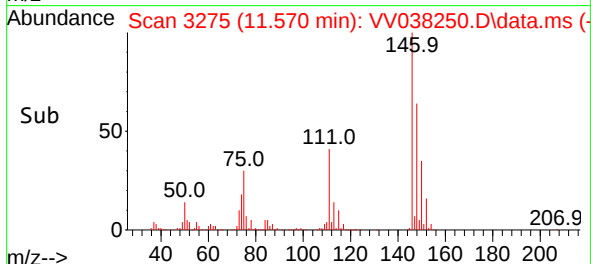
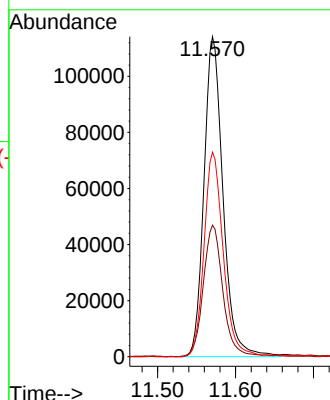
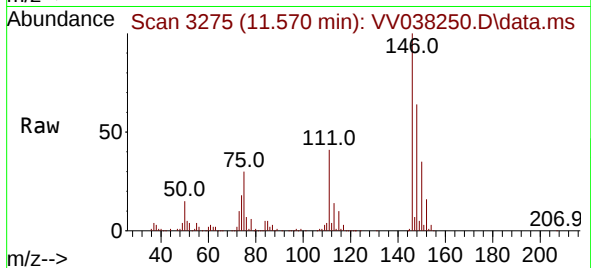
Tgt Ion:146 Resp: 193580

Ion Ratio Lower Upper

146 100

111 41.1 34.2 51.2

148 63.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.164 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

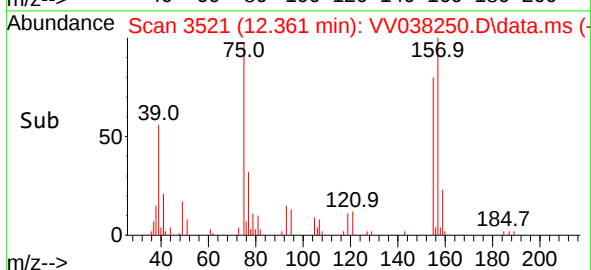
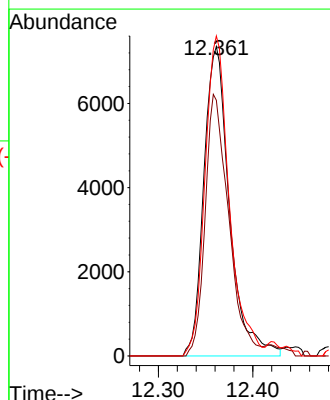
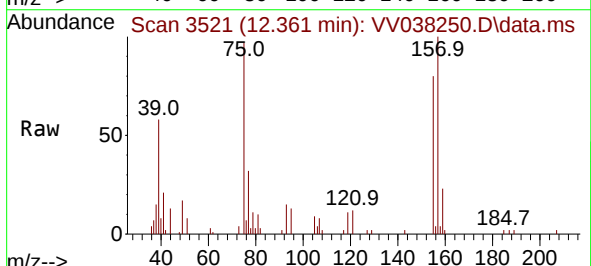
Tgt Ion: 75 Resp: 13863

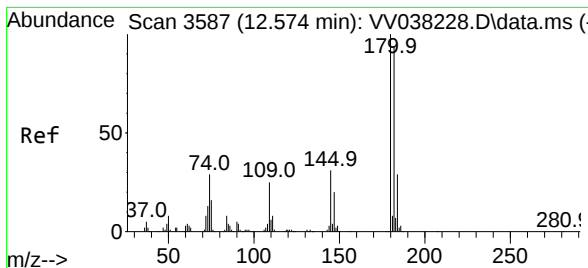
Ion Ratio Lower Upper

75 100

155 82.6 67.5 101.3

157 103.4 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.193 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

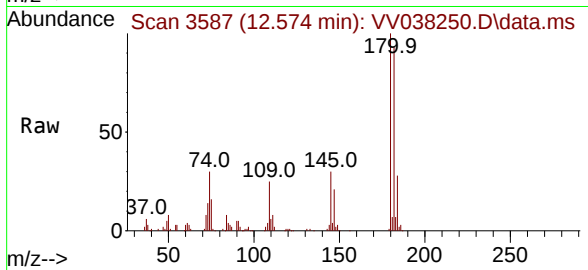
Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 128317

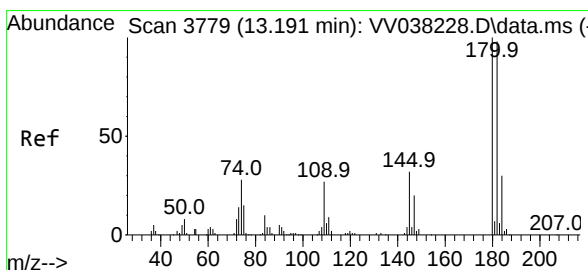
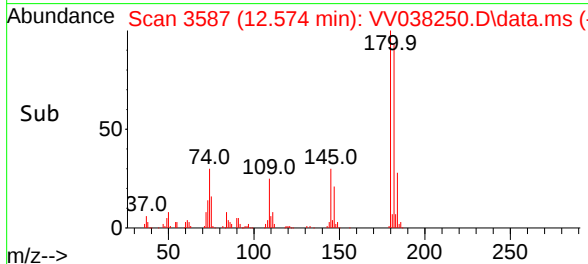
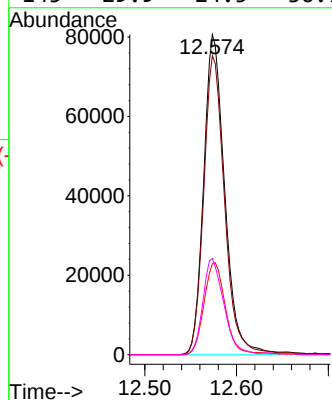
Ion Ratio Lower Upper

180 100

182 93.2 76.0 114.0

184 29.5 23.7 35.5

145 29.9 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.324 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

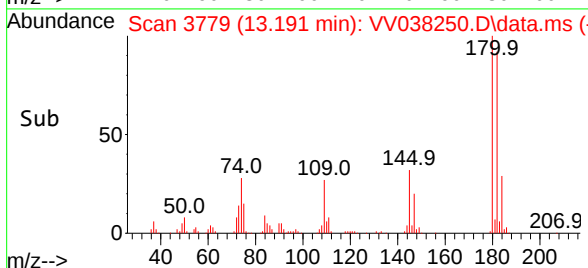
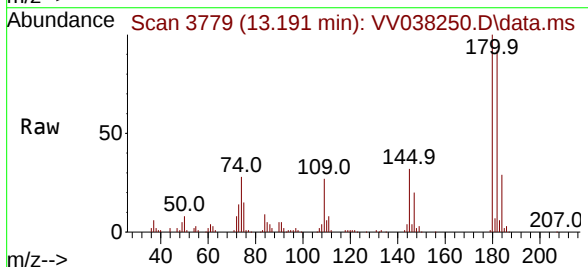
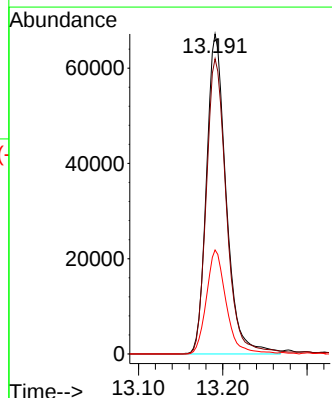
Tgt Ion:180 Resp: 109371

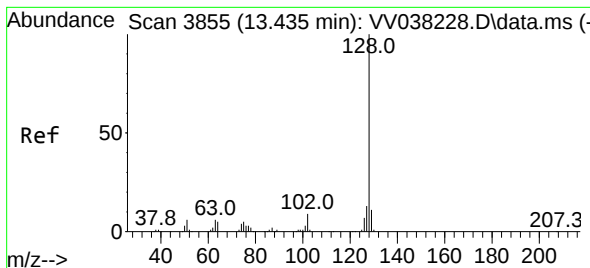
Ion Ratio Lower Upper

180 100

182 94.2 73.8 110.8

145 32.6 24.6 37.0





#71

Naphthalene

Concen: 4.493 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.003 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Instrument :

MSVOA_V

ClientSampleId :

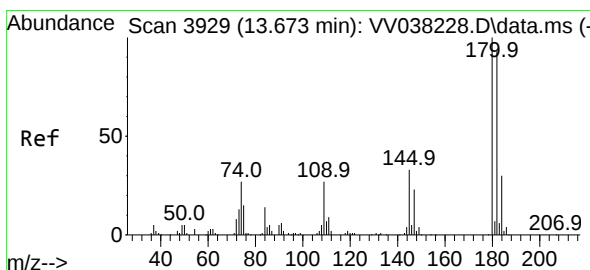
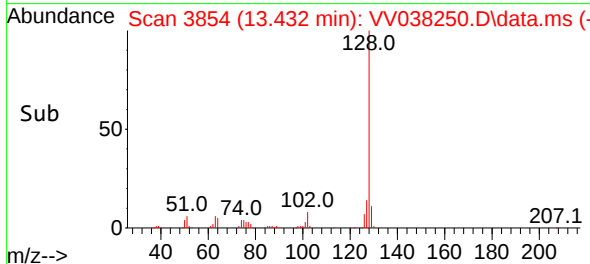
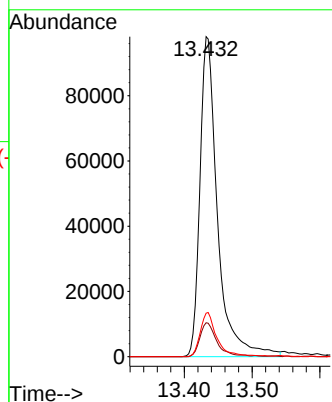
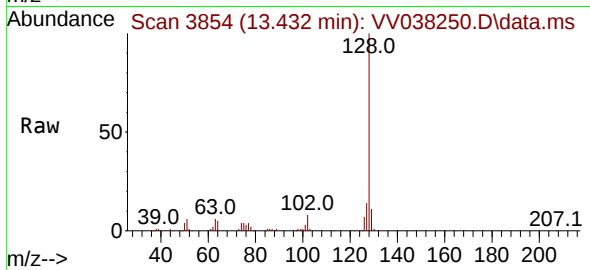
Tgt Ion:128 Resp: 176791

Ion Ratio Lower Upper

128 100

129 10.2 8.5 12.7

127 13.2 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.659 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038250.D

Acq: 21 Nov 2024 19:13

Tgt Ion:180 Resp: 108878

Ion Ratio Lower Upper

180 100

182 94.6 75.1 112.7

145 32.4 27.0 40.4

