

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038355.D
 Acq On : 25 Nov 2024 20:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:48:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	218974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	228310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61690	3.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.526	69	61184	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.053	65	27632	3.826	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.786	46	190223	56.655	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.300%
24) Chloroform-d	4.240	84	156007	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.937	65	72505	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.950	84	259986	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.982	67	86902	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.236	98	239219	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.551	79	31110	4.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.018	63	132494	50.490	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.980%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81802	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	89983	4.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	87127	4.205	ug/L	99
3) Chloromethane	1.214	50	93005	5.213	ug/L	98
5) Vinyl chloride	1.278	62	94252	4.663	ug/L	95
6) Bromomethane	1.484	94	56608	7.182	ug/L	99
8) Chloroethane	1.545	64	61951	4.809	ug/L	96
9) Trichlorofluoromethane	1.709	101	122666	4.264	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	71155	4.334	ug/L	96
12) 1,1-Dichloroethene	2.063	96	67155	4.294	ug/L	89
13) Acetone	2.118	43	125184	50.412	ug/L	100
14) Carbon disulfide	2.233	76	203651	4.042	ug/L	99
15) Methyl Acetate	2.378	43	32031	5.311	ug/L	90
16) Methylene chloride	2.439	84	84949	4.763	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	169231	4.786	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	74334	4.511	ug/L	97
19) 1,1-Dichloroethane	3.105	63	146596	4.902	ug/L	100
21) 2-Butanone	3.870	43	169630	47.595	ug/L	92
22) cis-1,2-Dichloroethene	3.802	96	79689	4.678	ug/L	98
23) Bromochloromethane	4.143	128	39192	4.712	ug/L	91
25) Chloroform	4.269	83	158116	4.942	ug/L	97

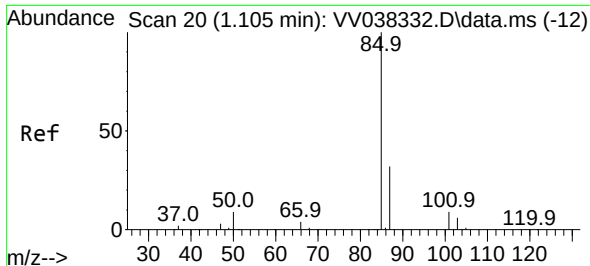
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	90806	5.216	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	128232	4.683	ug/L	98
30) Cyclohexane	4.571	56	90569	3.988	ug/L	97
31) Carbon tetrachloride	4.725	117	105146	4.353	ug/L	100
33) Benzene	5.002	78	309535	4.827	ug/L	100
34) Trichloroethene	5.828	95	76716	4.388	ug/L	99
35) Methylcyclohexane	6.040	83	93885	3.796	ug/L	97
37) 1,2-Dichloropropane	6.085	63	77796	4.843	ug/L	98
38) Bromodichloromethane	6.426	83	106401	4.928	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	101604	4.531	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	458873	54.579	ug/L	98
42) Toluene	7.310	91	319228	4.700	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	92093	4.862	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	65185	5.004	ug/L	98
47) Tetrachloroethene	7.899	164	57584	4.099	ug/L	99
48) 2-Hexanone	8.069	43	348006	57.080	ug/L	94
49) Dibromochloromethane	8.169	129	68596	4.830	ug/L	100
50) 1,2-Dibromoethane	8.278	107	60282	4.991	ug/L	95
51) Chlorobenzene	8.809	112	208103	4.447	ug/L	100
52) Ethylbenzene	8.940	91	302341	4.196	ug/L	100
53) m,p-Xylene	9.066	106	117859	4.335	ug/L	98
54) o-Xylene	9.471	106	113263	4.279	ug/L	94
55) Styrene	9.490	104	208416	4.466	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	77399	5.081	ug/L	98
59) Bromoform	9.661	173	34382	4.987	ug/L	100
60) Isopropylbenzene	9.860	105	294778	4.321	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	53903	5.315	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	217554	4.018	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	220739	4.089	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	161991	4.422	ug/L	97
65) 1,4-Dichlorobenzene	11.201	146	165118	4.459	ug/L	97
67) 1,2-Dichlorobenzene	11.571	146	156331	4.611	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	11648	5.117	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	103338	3.982	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	87701	4.089	ug/L	98
71) Naphthalene	13.435	128	131413	3.938	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	79904	4.031	ug/L	98

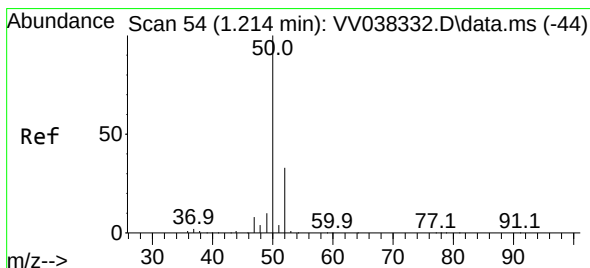
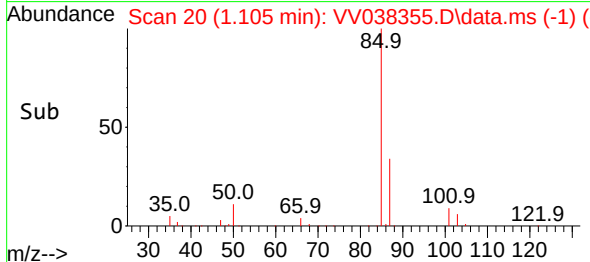
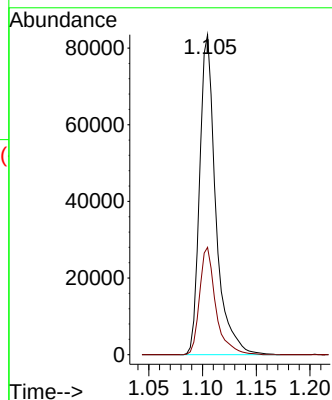
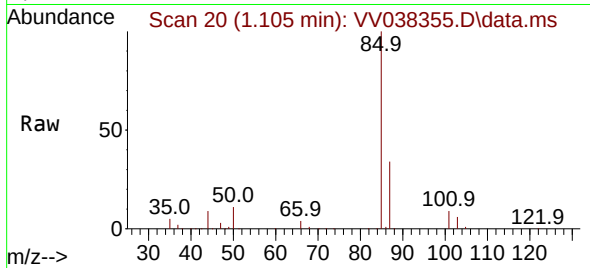
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#2
Dichlorodifluoromethane
Concen: 4.205 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

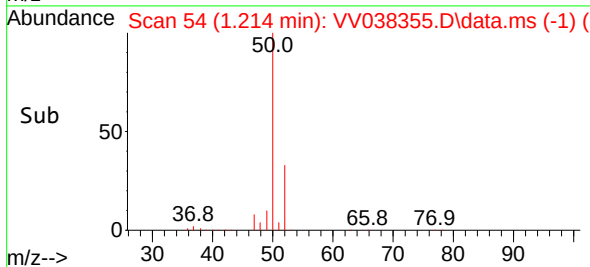
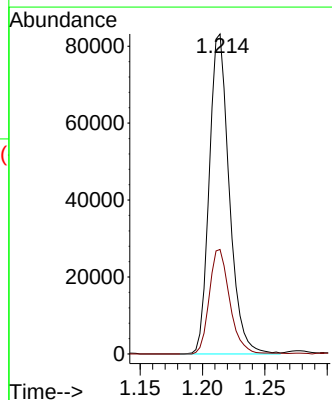
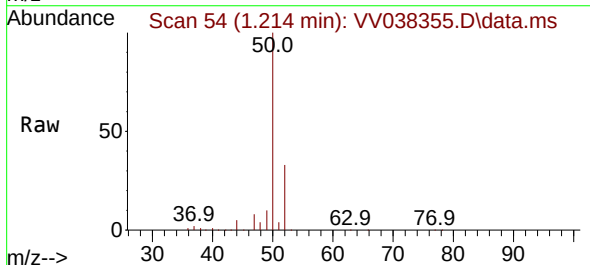
Instrument :
MSVOA_V
ClientSampleId :

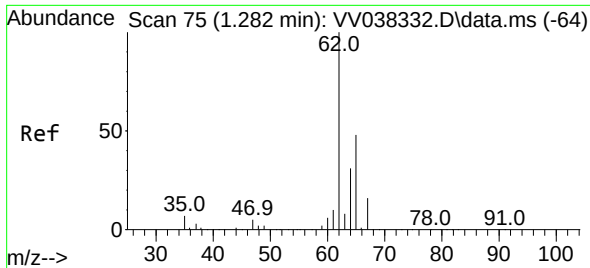
Tgt Ion: 85 Resp: 87127
Ion Ratio Lower Upper
85 100
87 33.6 26.5 39.7



#3
Chloromethane
Concen: 5.213 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 50 Resp: 93005
Ion Ratio Lower Upper
50 100
52 32.6 23.5 43.7

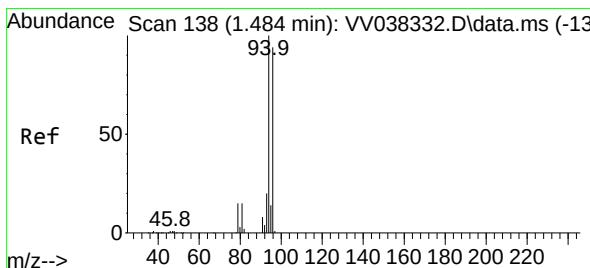
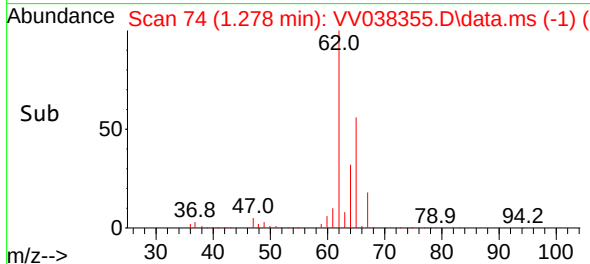
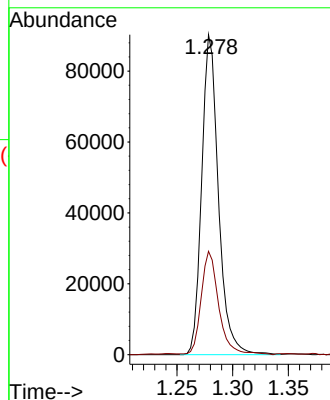
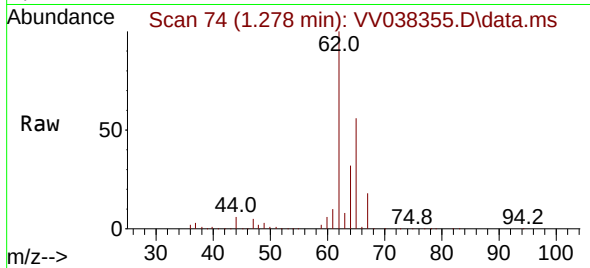




#5
 Vinyl chloride
 Concen: 4.663 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV038355.D
 Acq: 25 Nov 2024 20:30

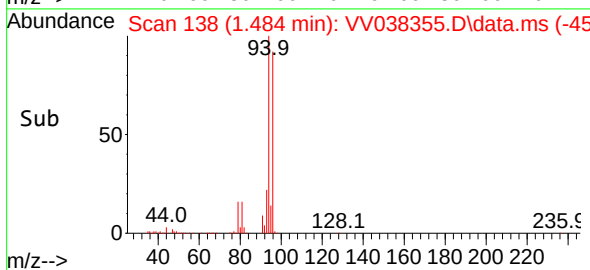
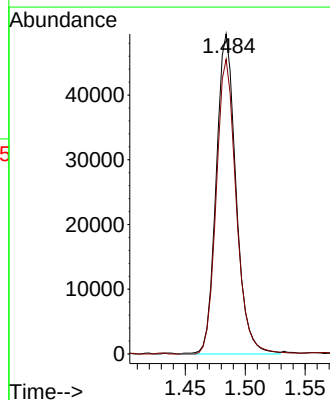
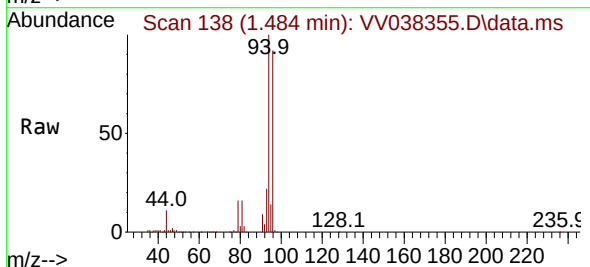
Instrument :
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 ClientSampleId :

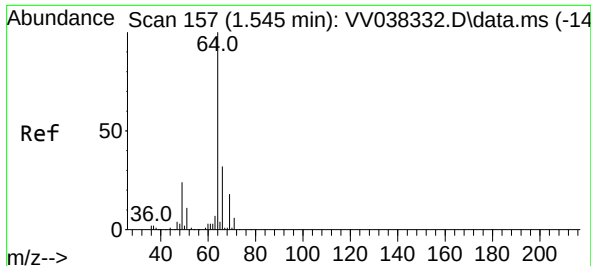
Tgt Ion: 62 Resp: 94252
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.4 45.4



#6
 Bromomethane
 Concen: 7.182 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038355.D
 Acq: 25 Nov 2024 20:30

Tgt Ion: 94 Resp: 56608
 Ion Ratio Lower Upper
 94 100
 96 92.1 63.7 118.3

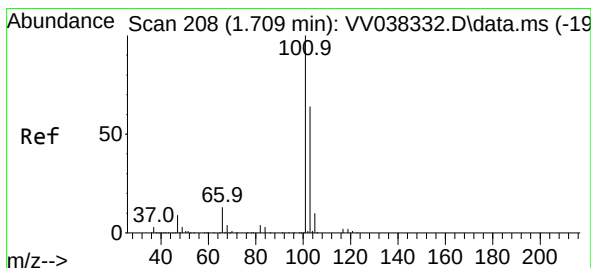
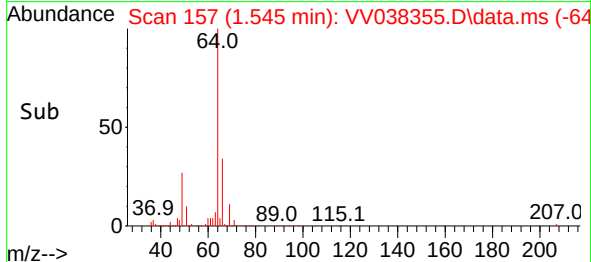
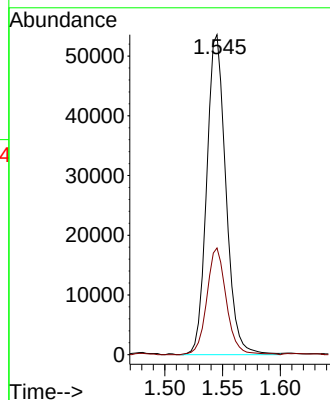
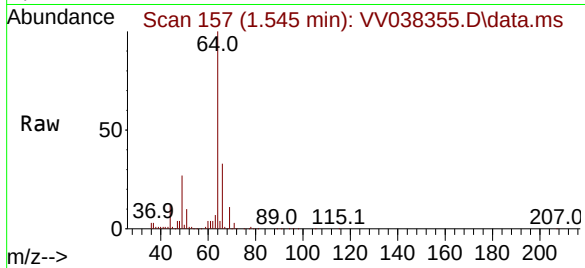




#8
Chloroethane
Concen: 4.809 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

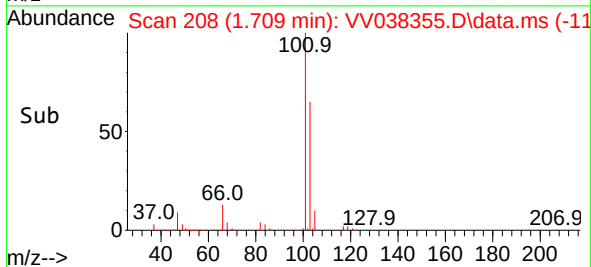
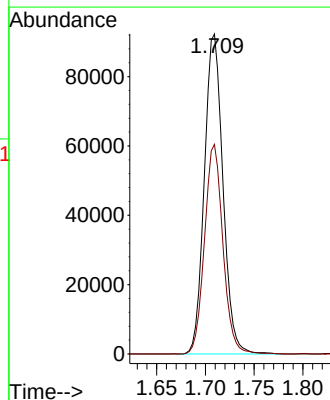
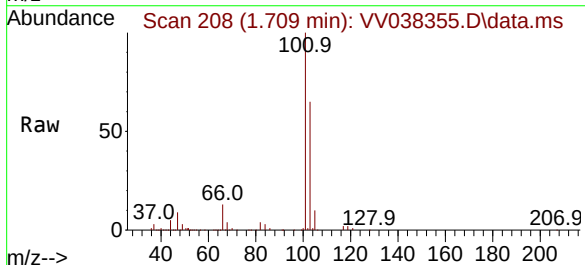
Instrument :
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ClientSampleId :

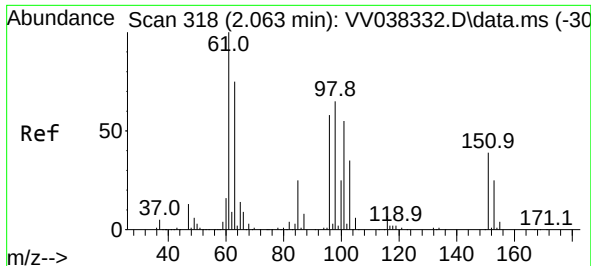
Tgt Ion: 64 Resp: 61951
Ion Ratio Lower Upper
64 100
66 33.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.264 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion:101 Resp: 122666
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

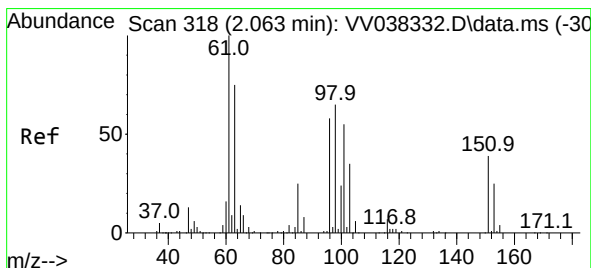
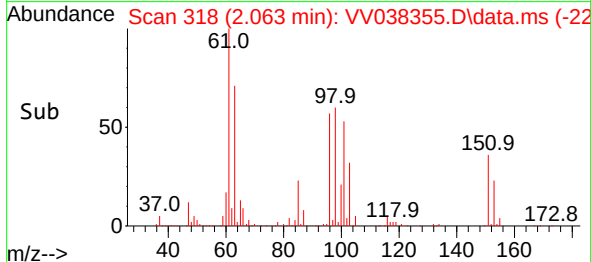
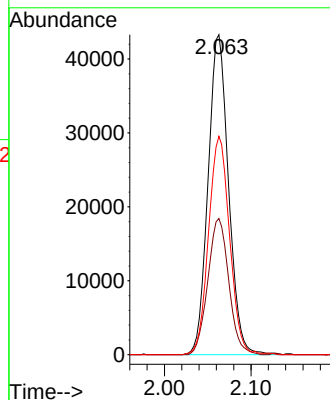
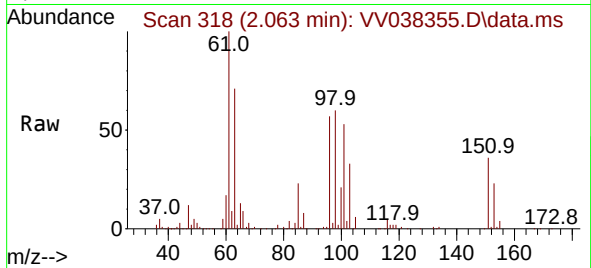




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.334 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038355.D
 Acq: 25 Nov 2024 20:30

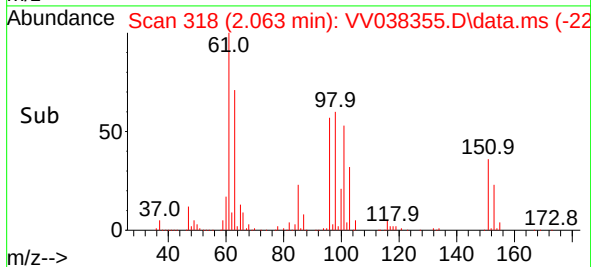
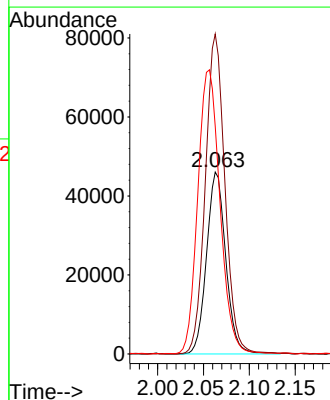
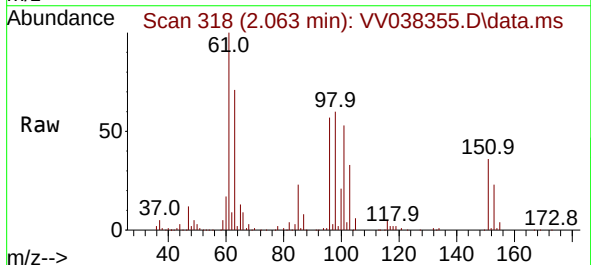
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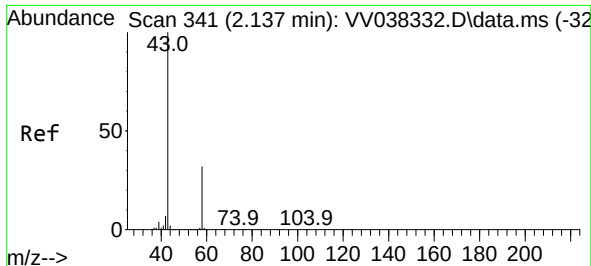
Tgt Ion:101 Resp: 71155
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.4 50.0
 151 70.0 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.294 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038355.D
 Acq: 25 Nov 2024 20:30

Tgt Ion: 96 Resp: 67155
 Ion Ratio Lower Upper
 96 100
 61 175.9 115.7 214.9
 63 125.1 101.1 187.7





#13

Acetone

Concen: 50.412 ug/L

RT: 2.118 min Scan# 311

Delta R.T. -0.019 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

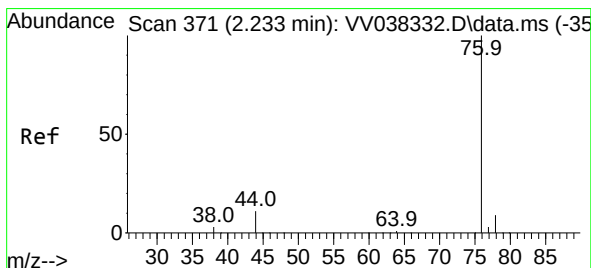
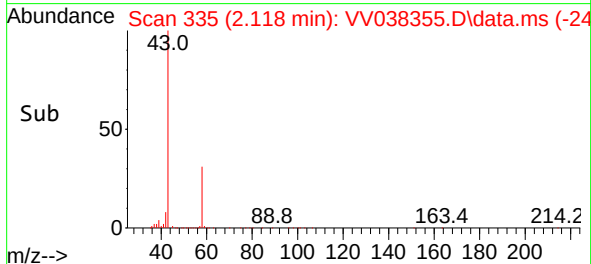
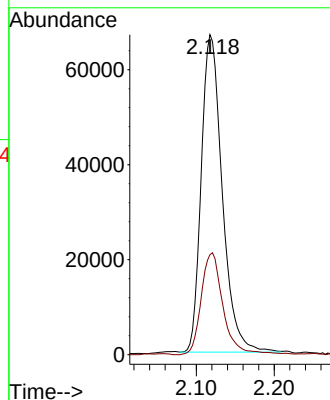
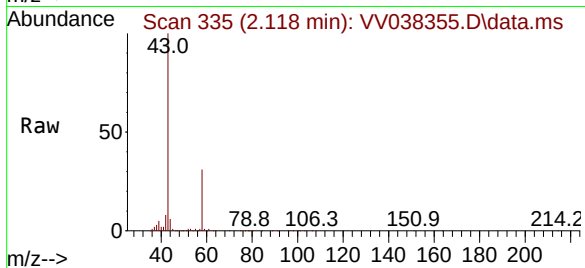
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 125184

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	67.2



#14

Carbon disulfide

Concen: 4.042 ug/L

RT: 2.233 min Scan# 371

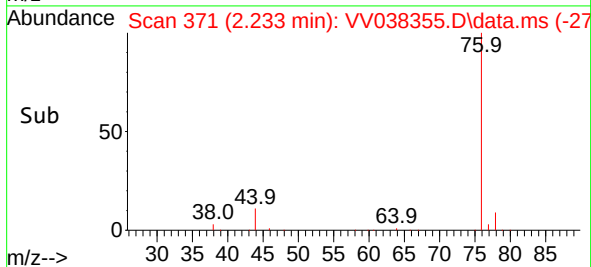
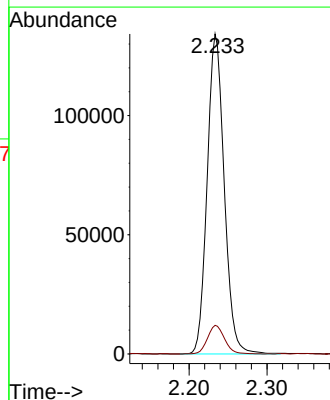
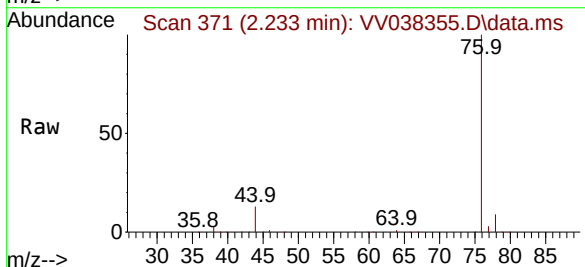
Delta R.T. 0.000 min

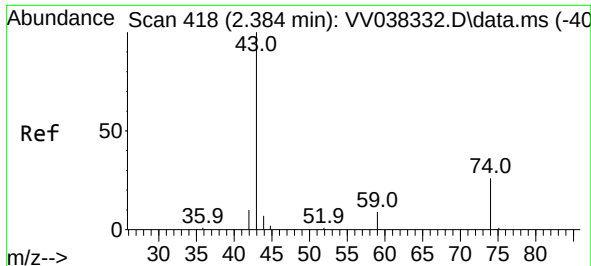
Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Tgt Ion: 76 Resp: 203651

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

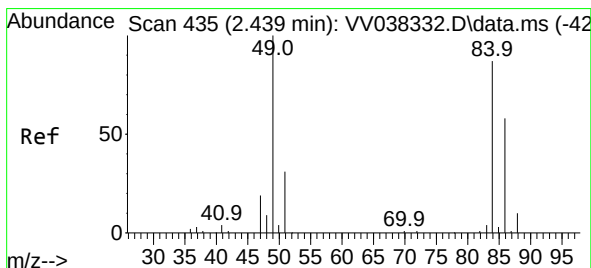
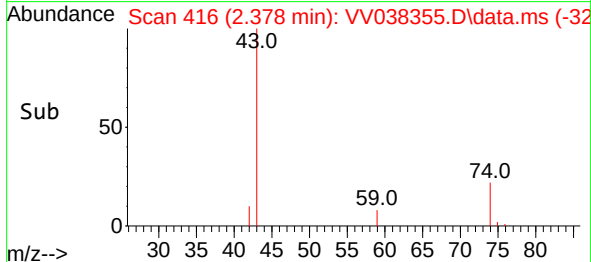
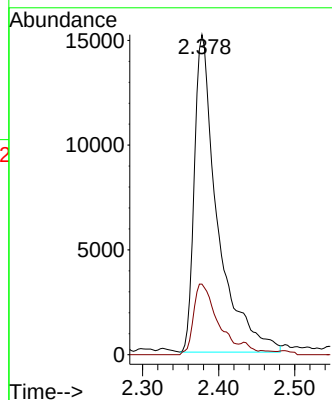
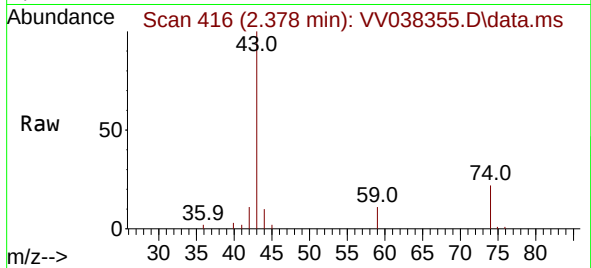




#15
Methyl Acetate
Concen: 5.311 ug/L
RT: 2.378 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

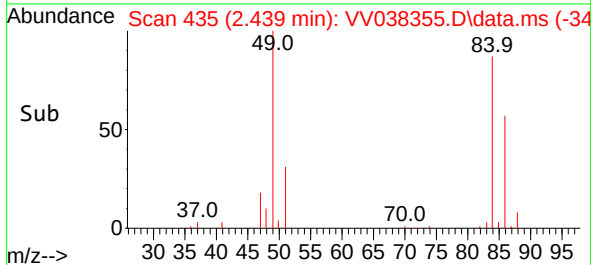
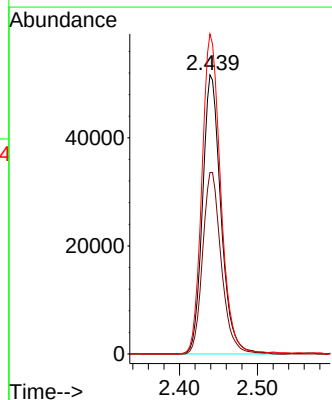
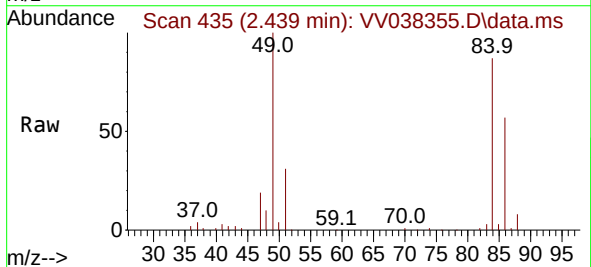
Instrument :
MSVOA_V
ClientSampleId :

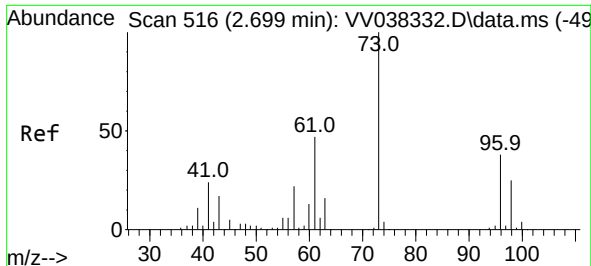
Tgt Ion: 43 Resp: 32031
Ion Ratio Lower Upper
43 100
74 22.8 22.4 33.6



#16
Methylene chloride
Concen: 4.763 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

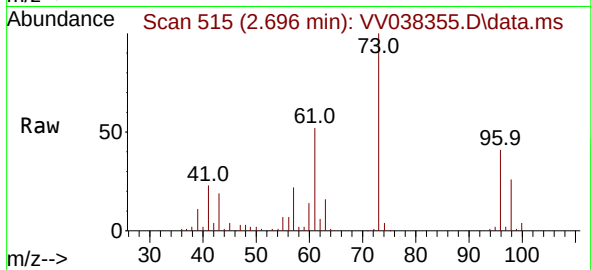
Tgt Ion: 84 Resp: 84949
Ion Ratio Lower Upper
84 100
86 65.0 44.2 82.2
49 114.7 74.9 139.1





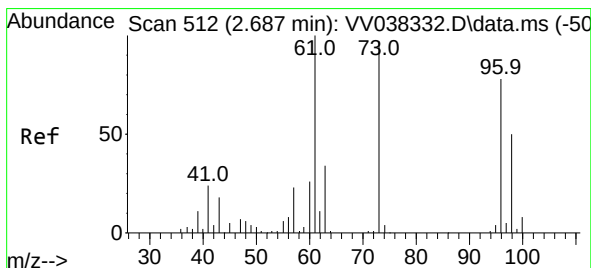
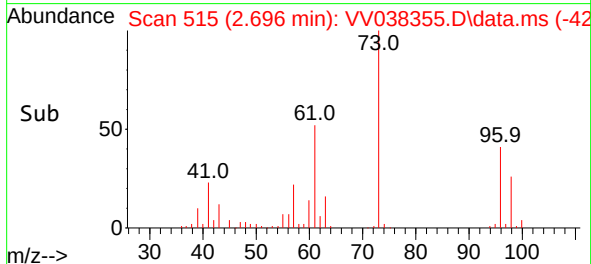
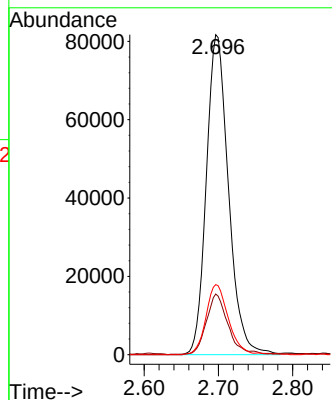
#17
Methyl tert-butyl Ether
Concen: 4.786 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 169231

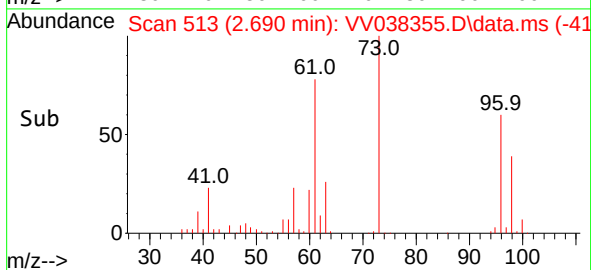
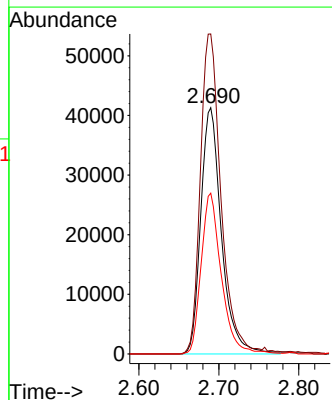
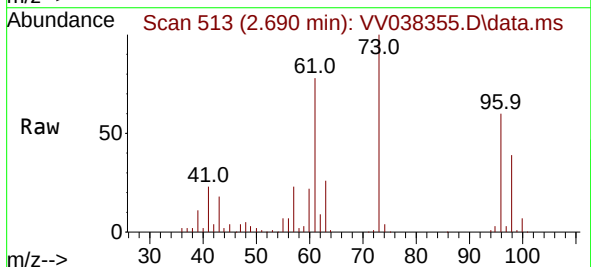
Ion	Ratio	Lower	Upper
73	100		
43	18.7	14.2	21.2
57	22.0	17.6	26.4

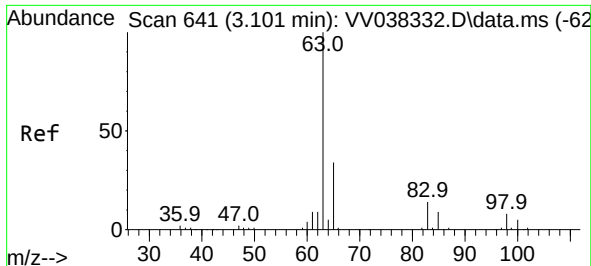


#18
trans-1,2-Dichloroethene
Concen: 4.511 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 96 Resp: 74334

Ion	Ratio	Lower	Upper
96	100		
61	129.9	88.5	164.4
98	65.3	43.9	81.5





#19

1,1-Dichloroethane

Concen: 4.902 ug/L

RT: 3.105 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

ClientSampleId :

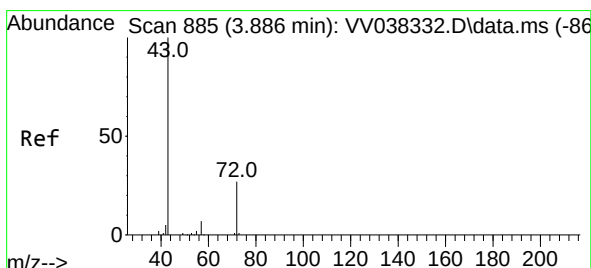
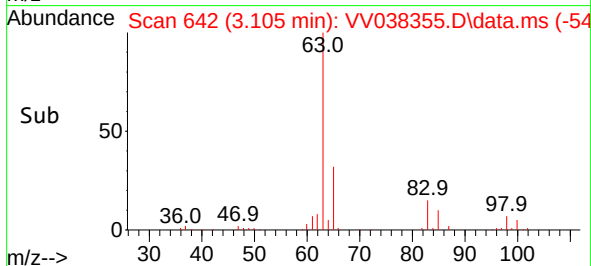
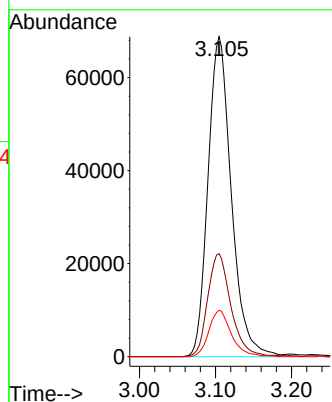
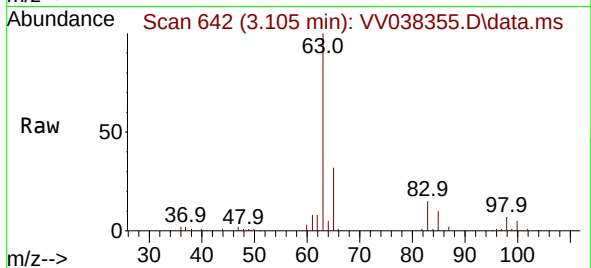
Tgt Ion: 63 Resp: 146596

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.7

83 14.5 10.1 18.9



#21

2-Butanone

Concen: 47.595 ug/L

RT: 3.870 min Scan# 880

Delta R.T. -0.016 min

Lab File: VV038355.D

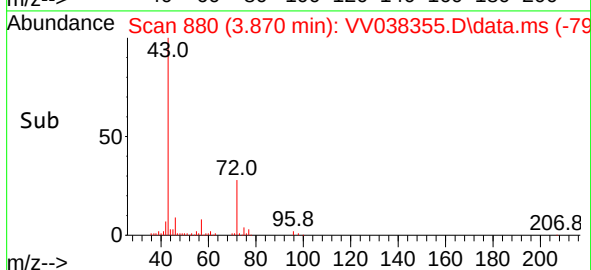
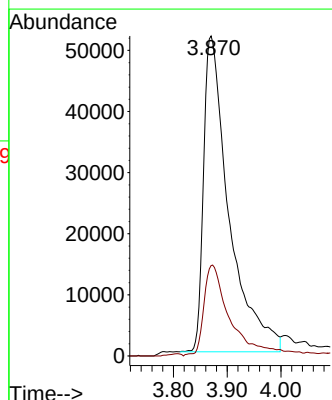
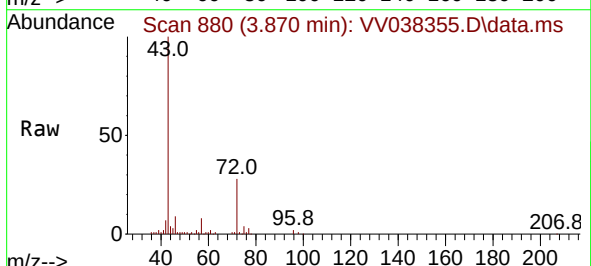
Acq: 25 Nov 2024 20:30

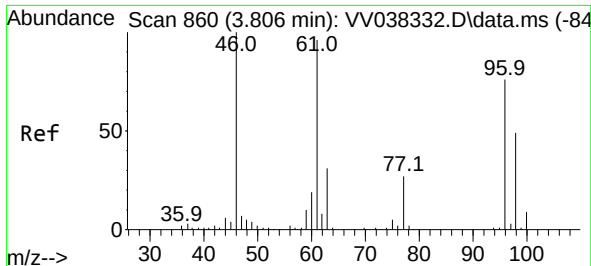
Tgt Ion: 43 Resp: 169630

Ion Ratio Lower Upper

43 100

72 30.3 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 4.678 ug/L

RT: 3.802 min Scan# 8

Delta R.T. -0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

ClientSampleId :

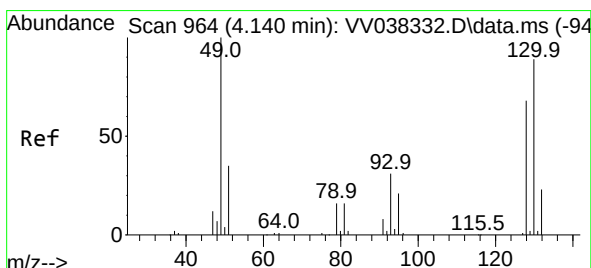
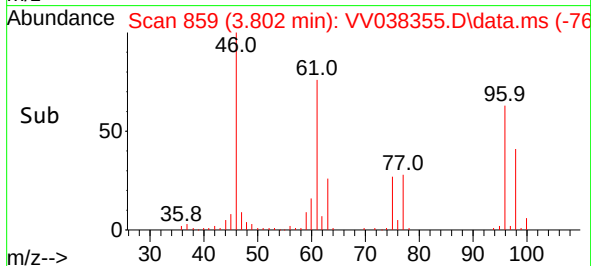
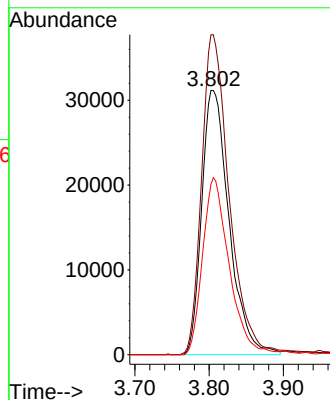
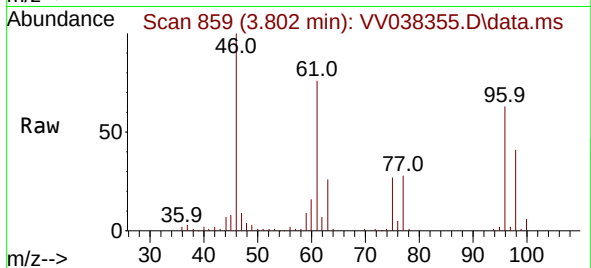
Tgt Ion: 96 Resp: 79689

Ion Ratio Lower Upper

96 100

61 121.0 82.7 153.5

98 64.4 46.3 85.9



#23

Bromochloromethane

Concen: 4.712 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Tgt Ion:128 Resp: 39192

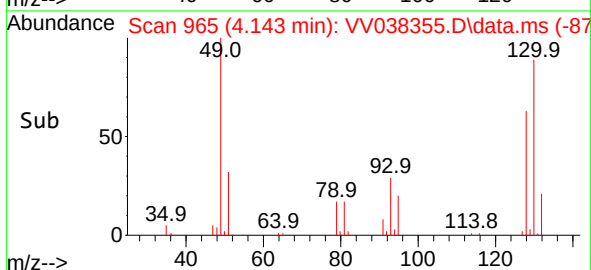
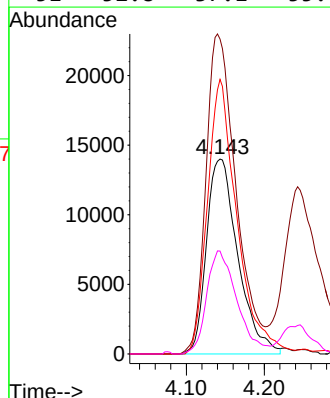
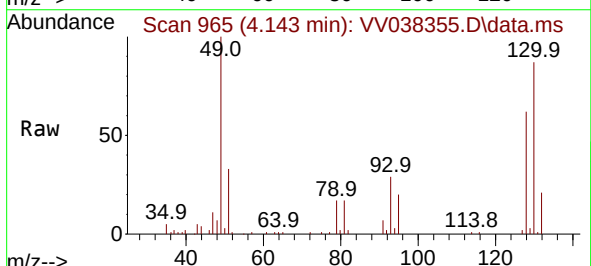
Ion Ratio Lower Upper

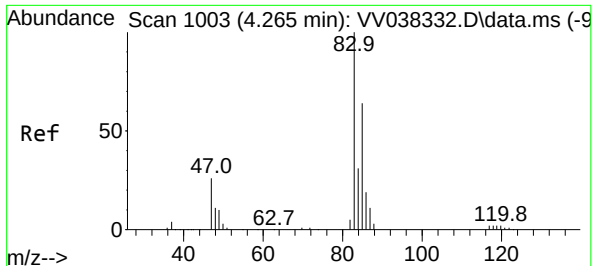
128 100

49 161.5 102.8 190.8

130 140.8 93.6 173.8

51 52.8 37.1 55.7





#25

Chloroform

Concen: 4.942 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

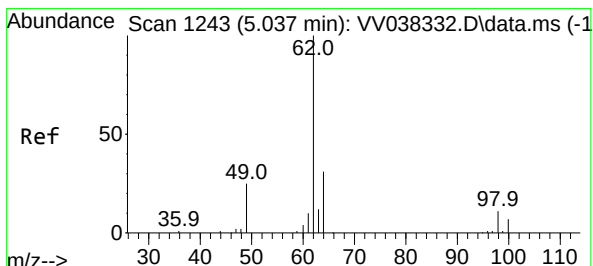
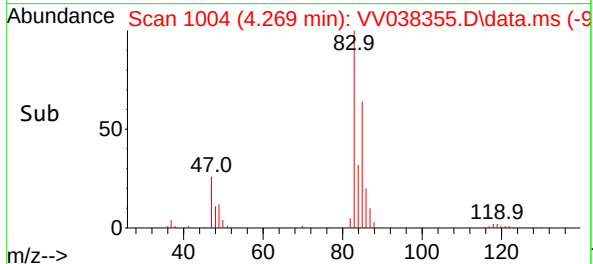
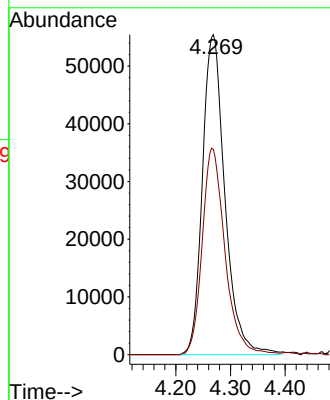
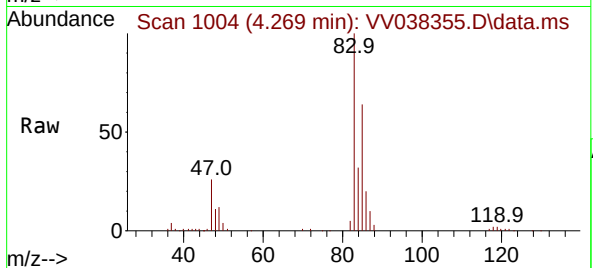
ClientSampleId :

Tgt Ion: 83 Resp: 158116

Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.216 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV038355.D

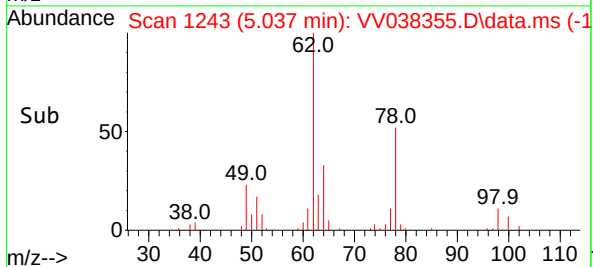
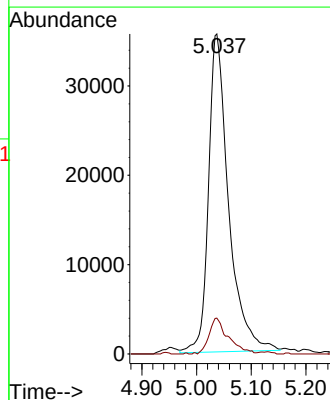
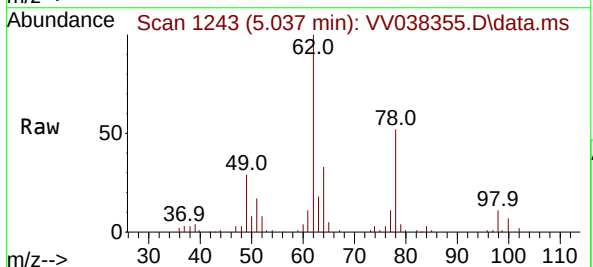
Acq: 25 Nov 2024 20:30

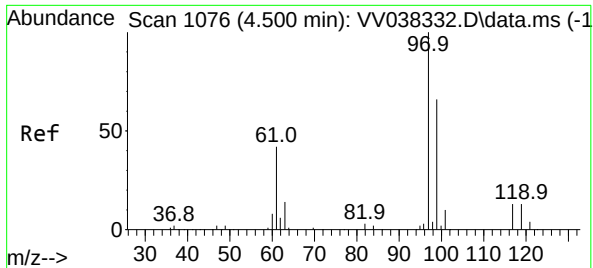
Tgt Ion: 62 Resp: 90806

Ion Ratio Lower Upper

62 100

98 11.2 8.2 12.4

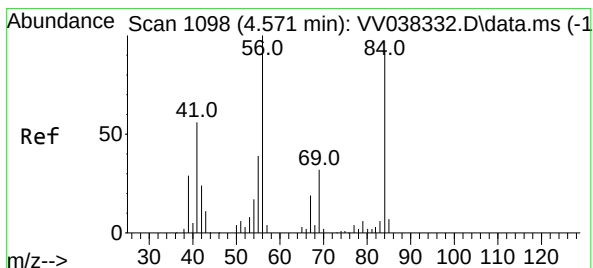
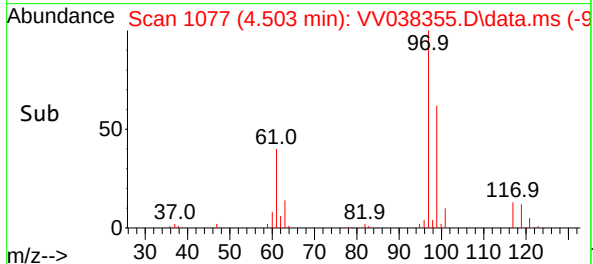
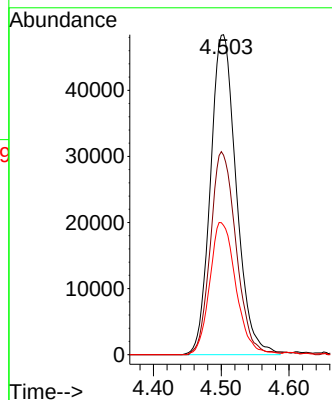
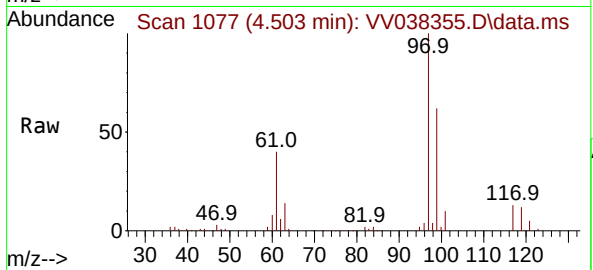




#29
1,1,1-Trichloroethane
Concen: 4.683 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

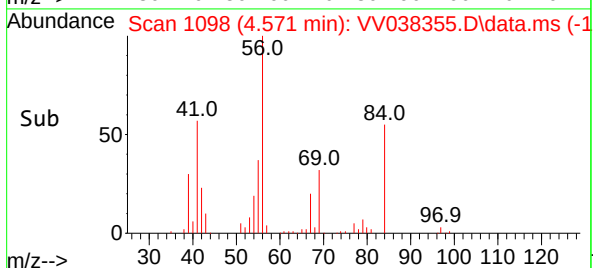
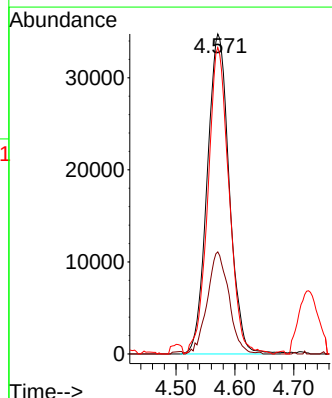
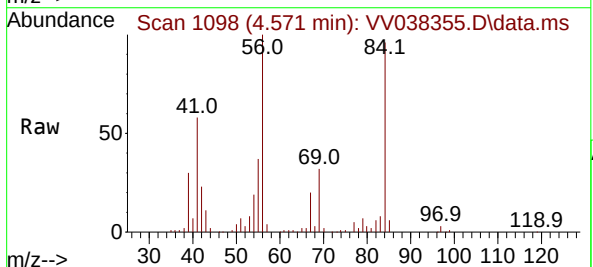
Instrument :
MSVOA_V
ClientSampleId :

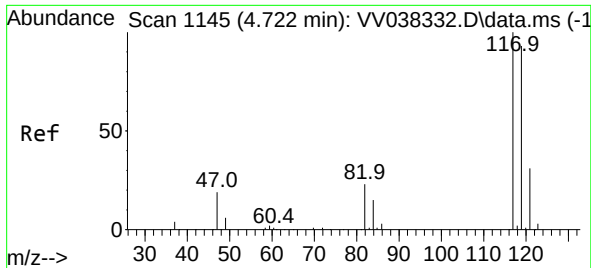
Tgt Ion: 97 Resp: 128232
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.8
61 41.9 32.2 48.2



#30
Cyclohexane
Concen: 3.988 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 56 Resp: 90569
Ion Ratio Lower Upper
56 100
69 31.3 26.0 39.0
84 91.5 75.6 113.4

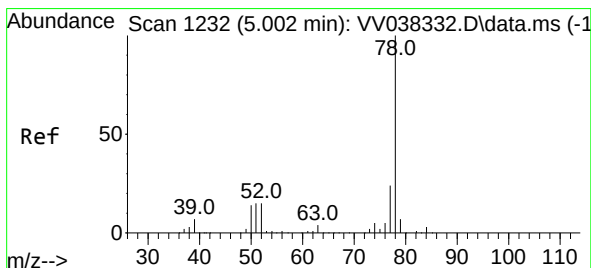
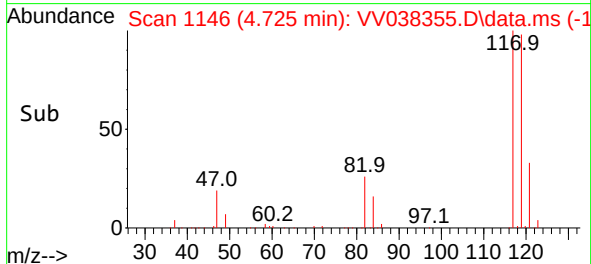
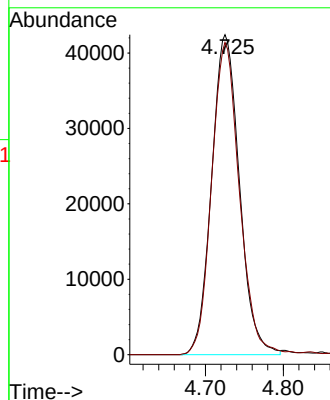
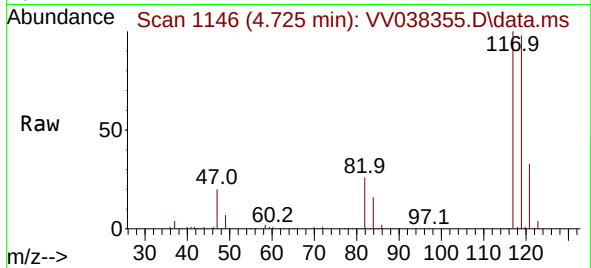




#31
Carbon tetrachloride
Concen: 4.353 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

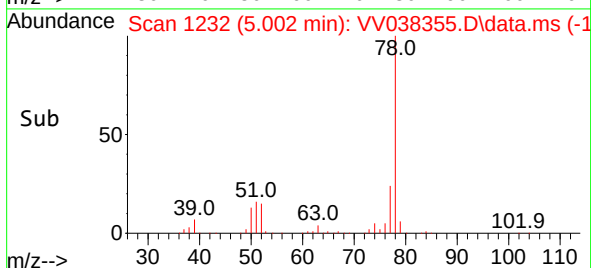
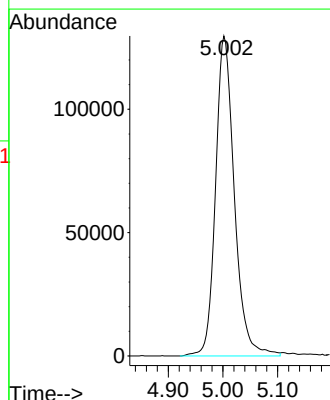
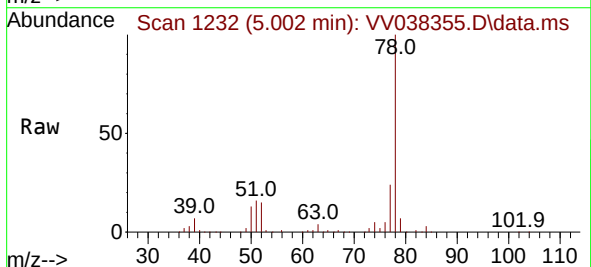
Instrument :
MSVOA_V
ClientSampleId :

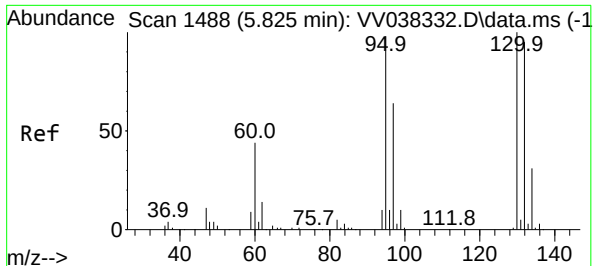
Tgt Ion:117 Resp: 105146
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2



#33
Benzene
Concen: 4.827 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 78 Resp: 309535

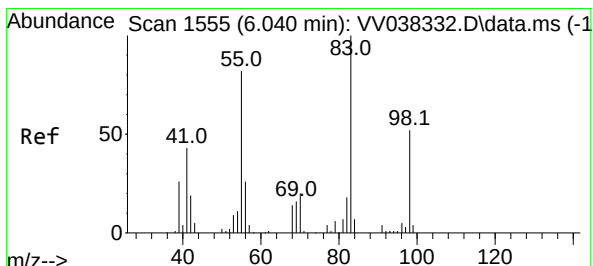
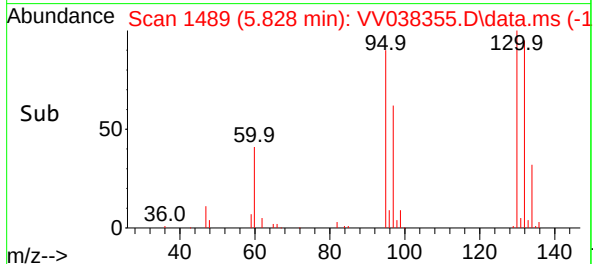
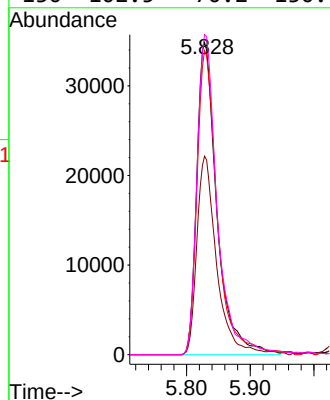
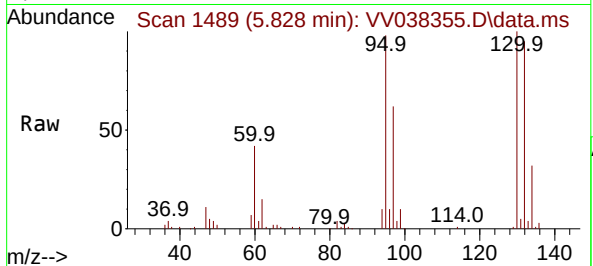




#34
Trichloroethene
Concen: 4.388 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

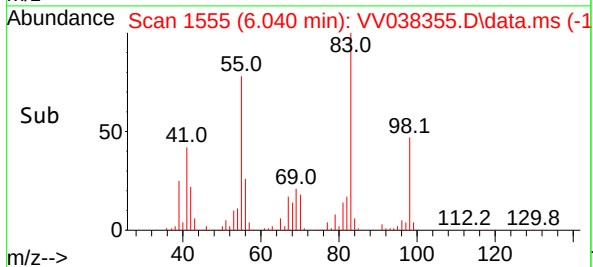
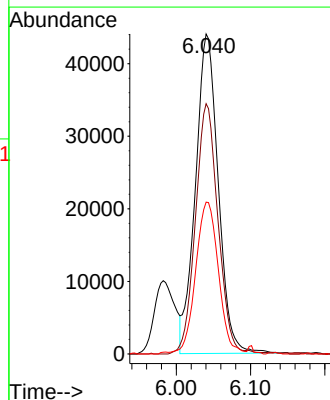
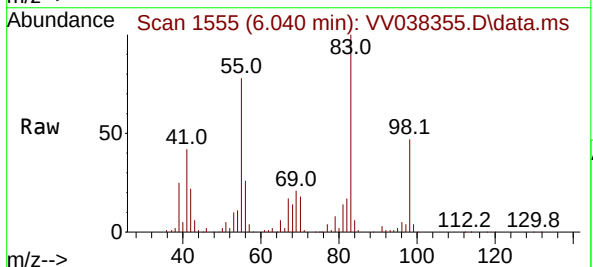
Instrument :
MSVOA_V
ClientSampleId :

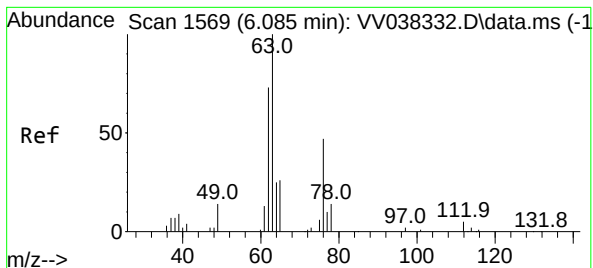
Tgt Ion: 95 Resp: 76716
Ion Ratio Lower Upper
95 100
97 63.6 44.8 83.2
132 97.4 68.3 126.8
130 102.5 70.2 130.4



#35
Methylcyclohexane
Concen: 3.796 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 83 Resp: 93885
Ion Ratio Lower Upper
83 100
55 77.7 59.7 89.5
98 47.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.843 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

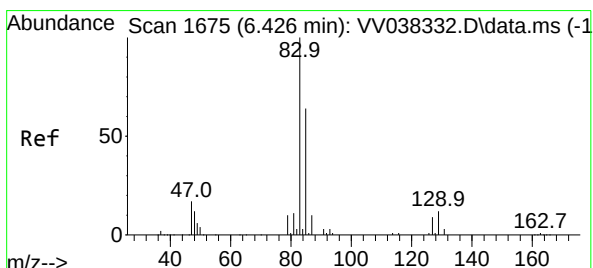
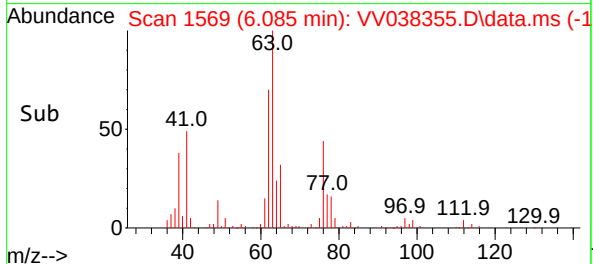
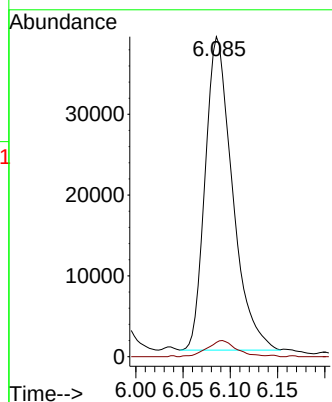
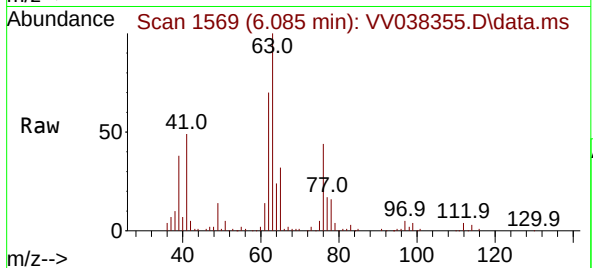
ClientSampleId :

Tgt Ion: 63 Resp: 77796

Ion Ratio Lower Upper

63 100

112 5.5 3.9 5.9



#38

Bromodichloromethane

Concen: 4.928 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

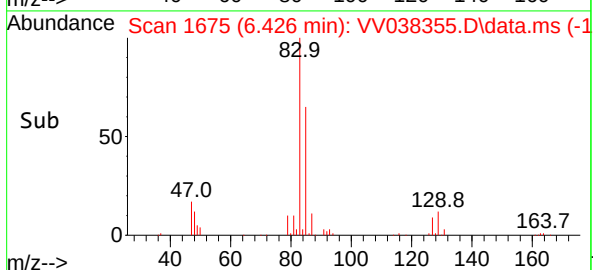
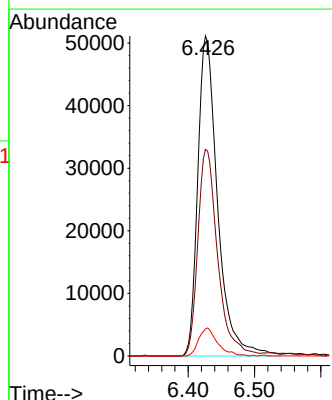
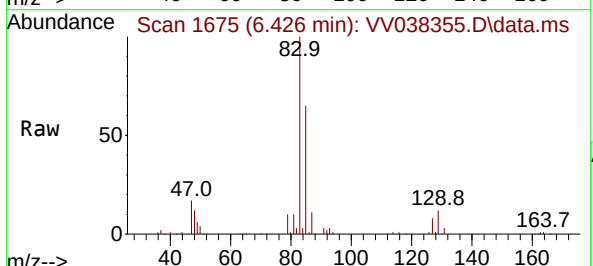
Tgt Ion: 83 Resp: 106401

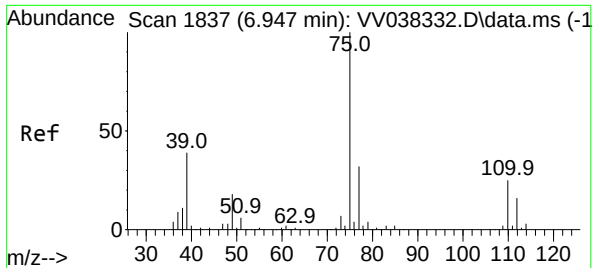
Ion Ratio Lower Upper

83 100

85 64.5 43.9 81.5

127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.531 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

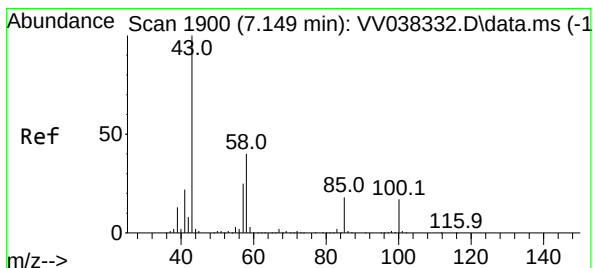
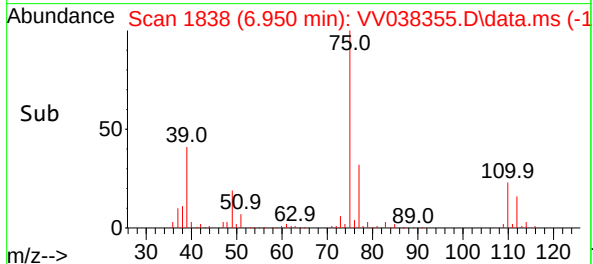
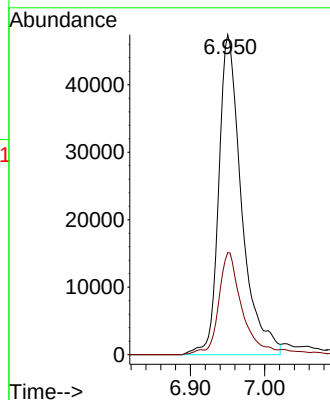
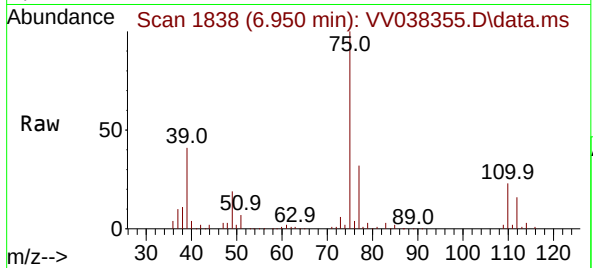
ClientSampleId :

Tgt Ion: 75 Resp: 101604

Ion Ratio Lower Upper

75 100

77 31.9 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 54.579 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

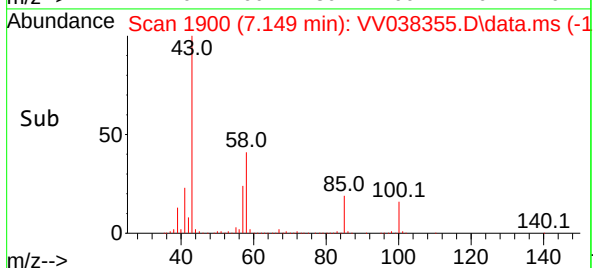
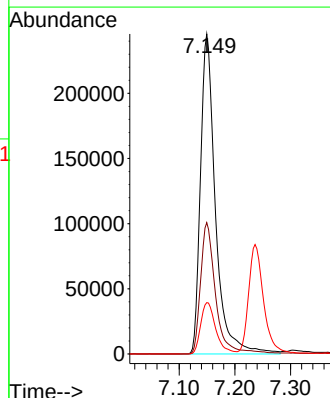
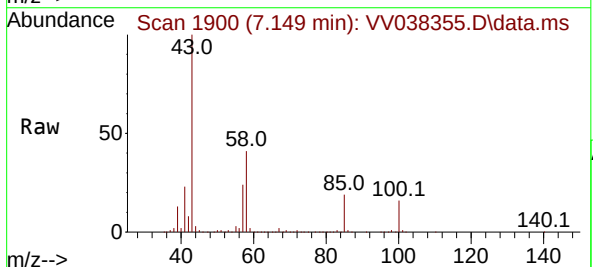
Tgt Ion: 43 Resp: 458873

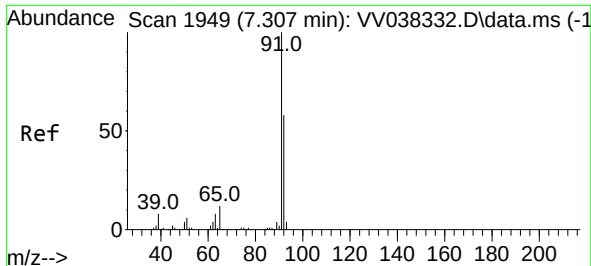
Ion Ratio Lower Upper

43 100

58 41.3 33.4 50.2

100 16.2 14.3 21.5





#42

Toluene

Concen: 4.700 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

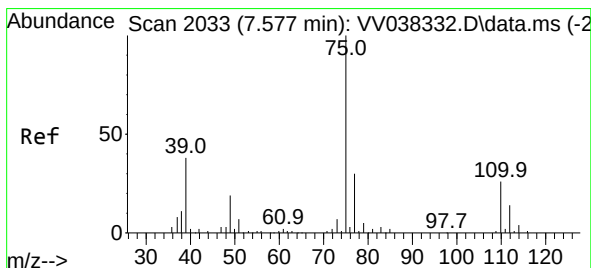
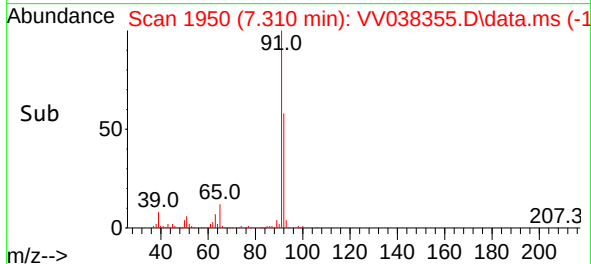
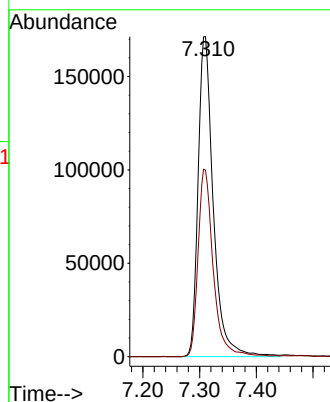
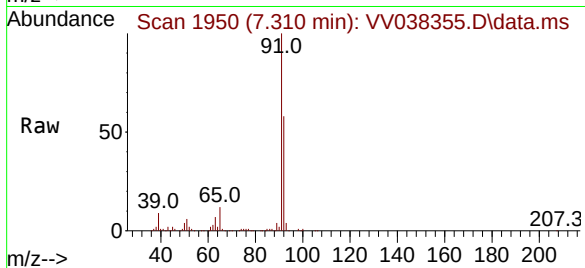
ClientSampleId :

Tgt Ion: 91 Resp: 319228

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.862 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038355.D

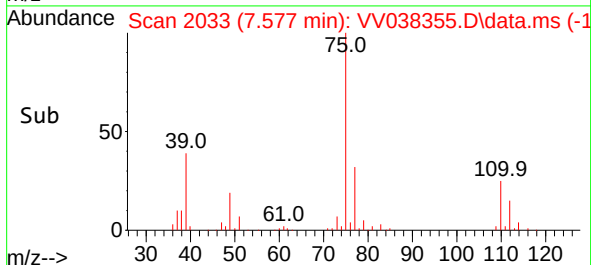
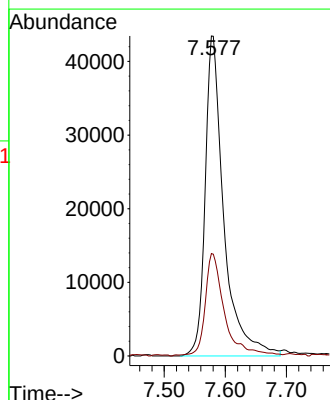
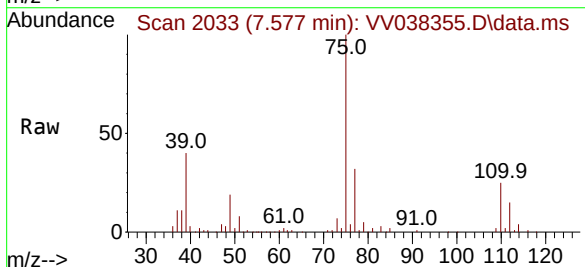
Acq: 25 Nov 2024 20:30

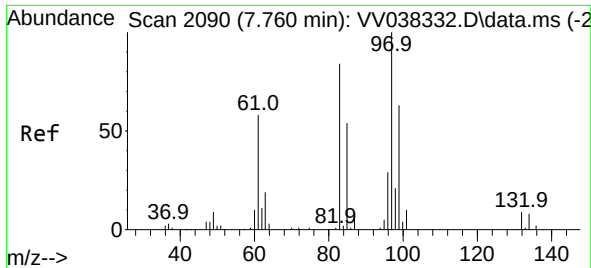
Tgt Ion: 75 Resp: 92093

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.4

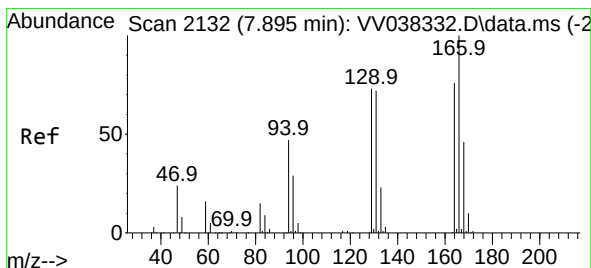
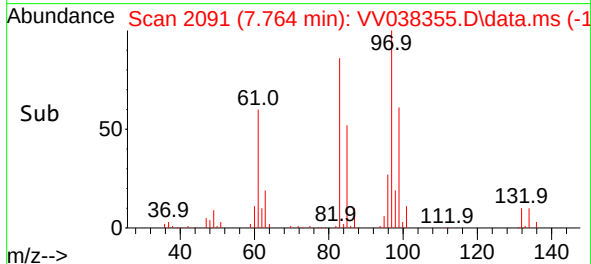
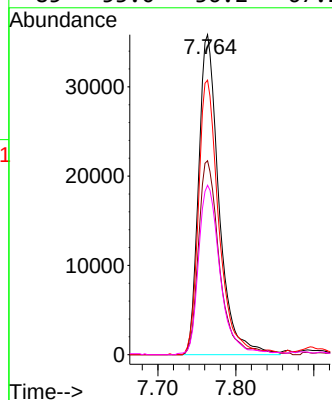
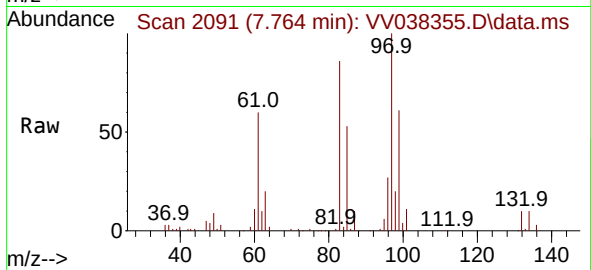




#45
 1,1,2-Trichloroethane
 Concen: 5.004 ug/L
 RT: 7.764 min Scan# 2090
 Delta R.T. 0.003 min
 Lab File: VV038355.D
 Acq: 25 Nov 2024 20:30

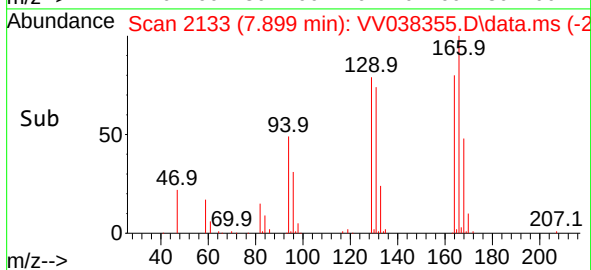
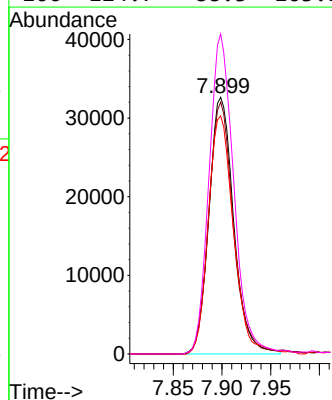
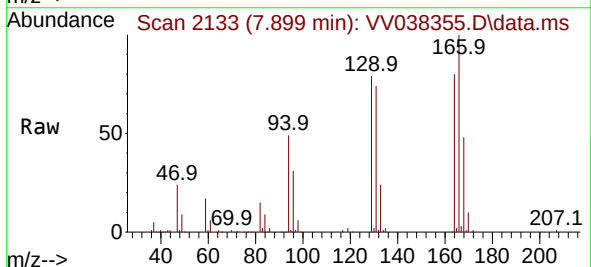
Instrument :
 MSVOA_V
 ClientSampleId :

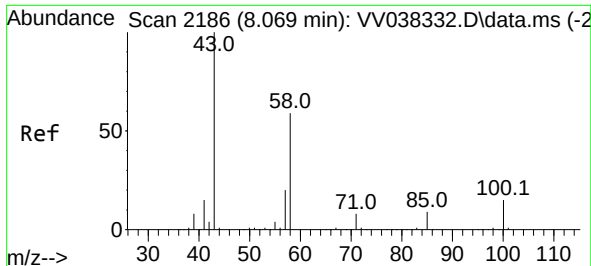
Tgt Ion:	97	Resp:	65185
Ion	Ratio	Lower	Upper
97	100		
99	60.6	41.9	77.7
83	85.8	57.7	107.1
85	53.0	36.2	67.2



#47
 Tetrachloroethene
 Concen: 4.099 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038355.D
 Acq: 25 Nov 2024 20:30

Tgt Ion:	164	Resp:	57584
Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.5	127.1
131	92.8	64.8	120.4
166	124.7	88.3	163.9



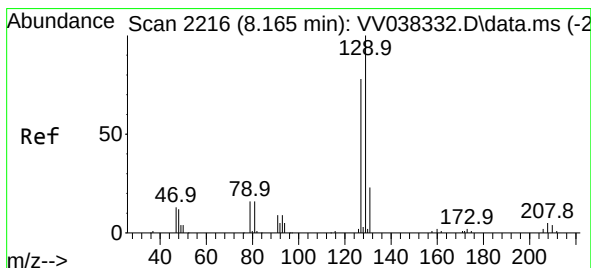
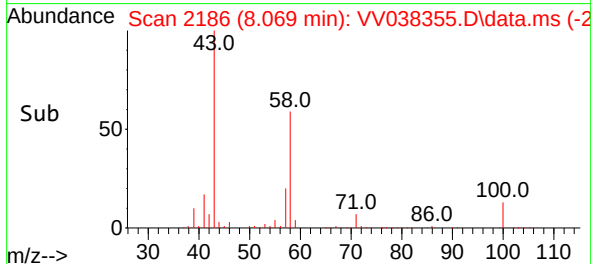
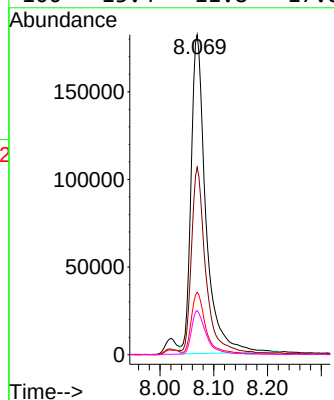
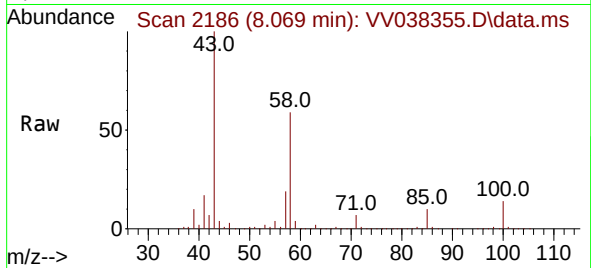


#48
2-Hexanone
Concen: 57.080 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 348006

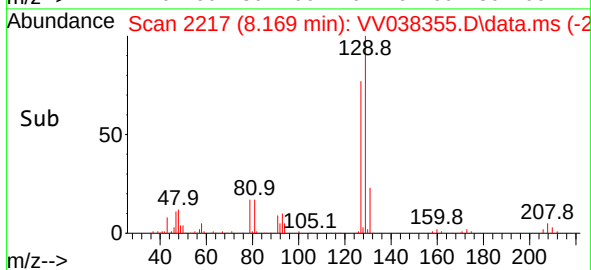
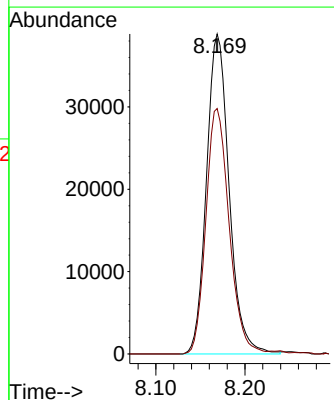
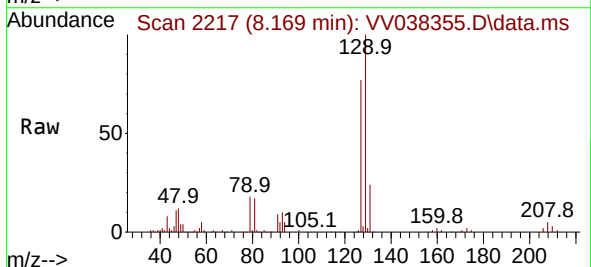
Ion	Ratio	Lower	Upper
43	100		
58	56.3	49.2	73.8
57	19.3	16.9	25.3
100	13.4	11.8	17.8

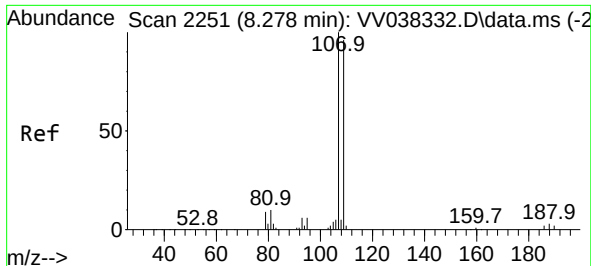


#49
Dibromochloromethane
Concen: 4.830 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 129 Resp: 68596

Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.5	99.3





#50

1,2-Dibromoethane

Concen: 4.991 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038355.D

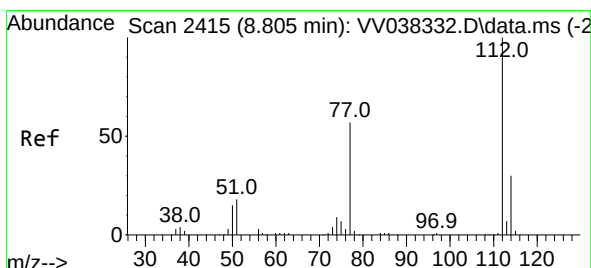
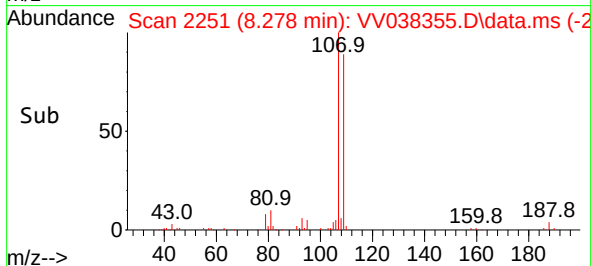
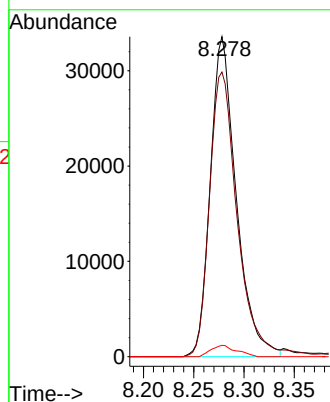
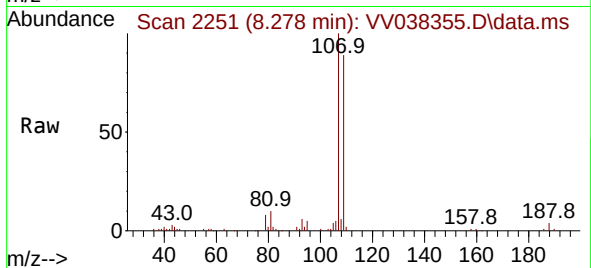
Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	60282
Ion	Ratio	Lower	Upper
107	100		
109	88.9	66.1	122.7
188	3.6	2.6	3.8



#51

Chlorobenzene

Concen: 4.447 ug/L

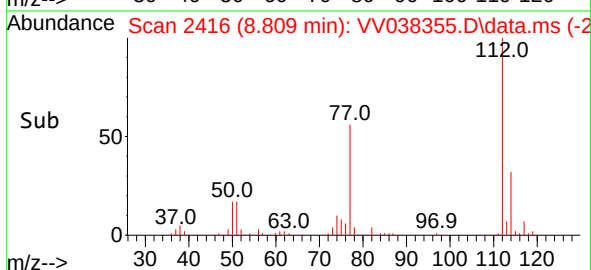
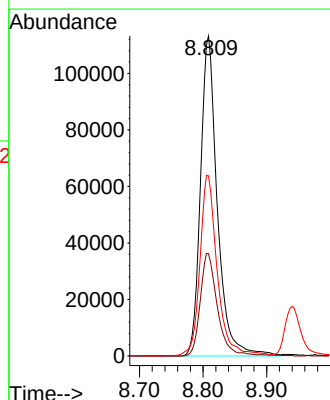
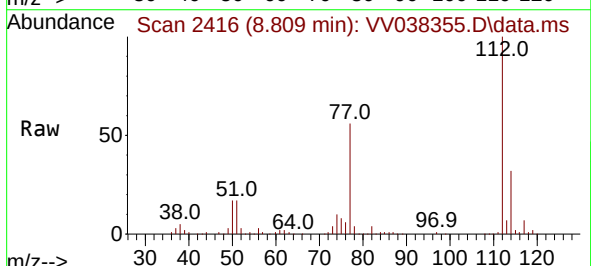
RT: 8.809 min Scan# 2416

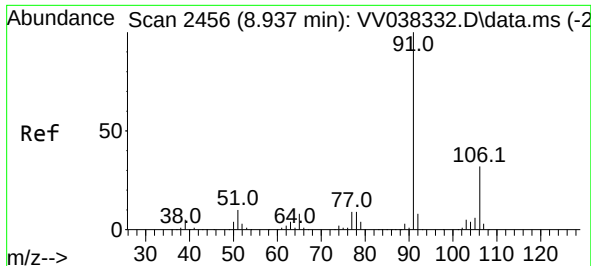
Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Tgt Ion:	112	Resp:	208103
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	40.8
77	56.3	45.0	67.4





#52

Ethylbenzene

Concen: 4.196 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

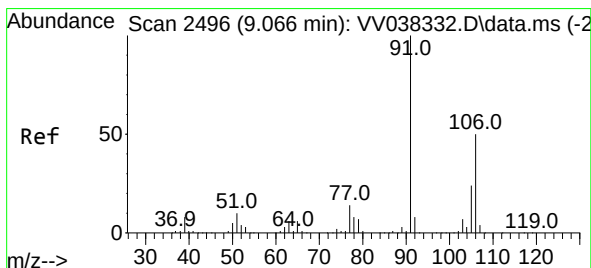
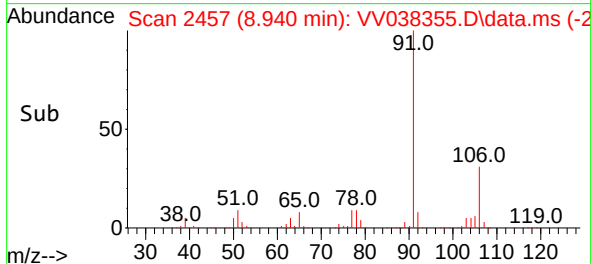
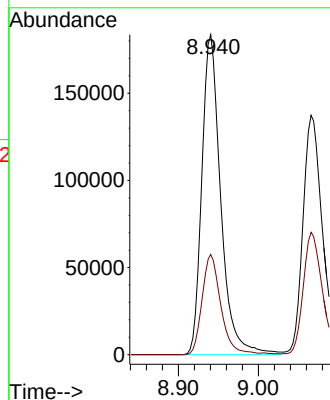
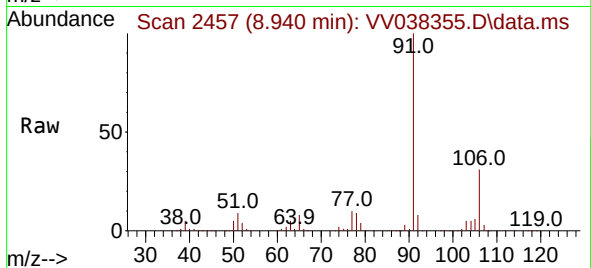
ClientSampleId :

Tgt Ion: 91 Resp: 302341

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.4



#53

m,p-Xylene

Concen: 4.335 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV038355.D

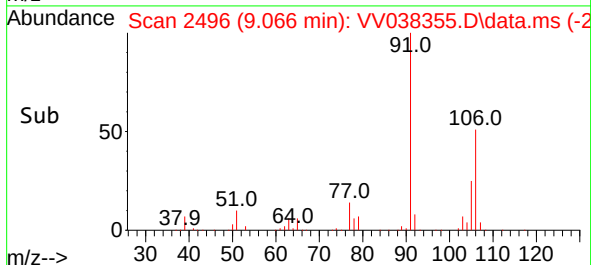
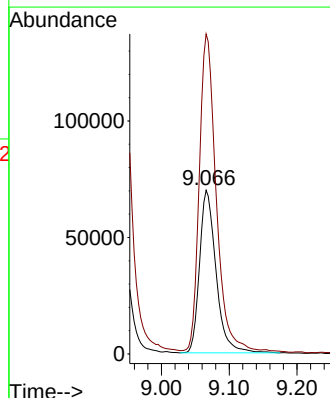
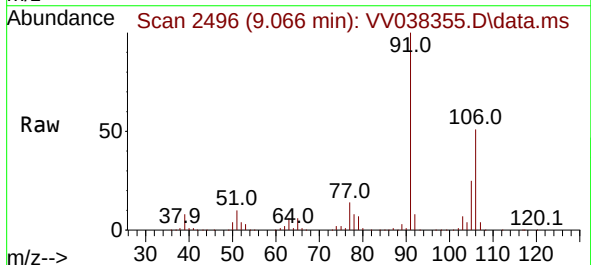
Acq: 25 Nov 2024 20:30

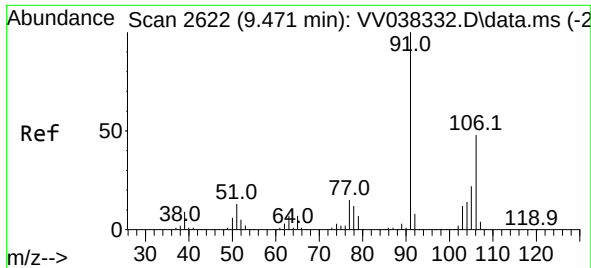
Tgt Ion:106 Resp: 117859

Ion Ratio Lower Upper

106 100

91 195.6 138.7 257.5

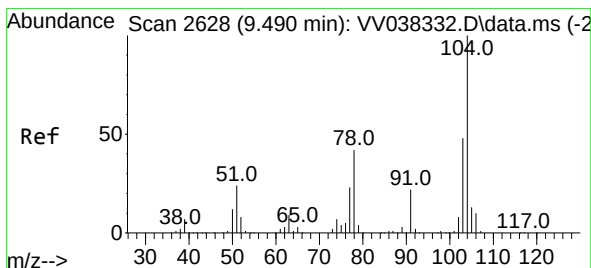
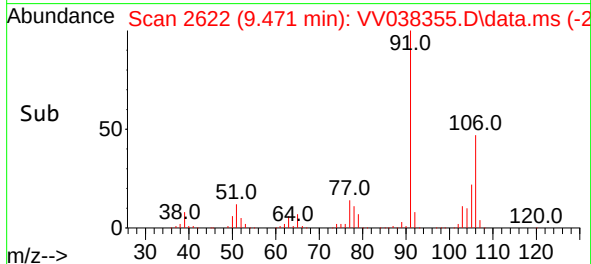
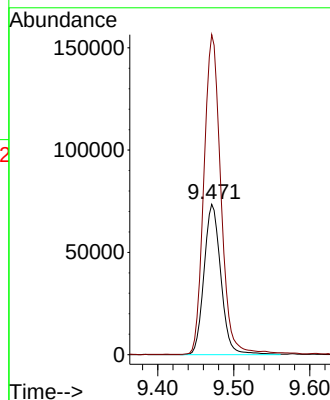
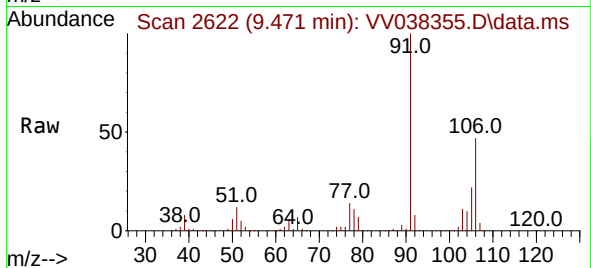




#54
o-Xylene
Concen: 4.279 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

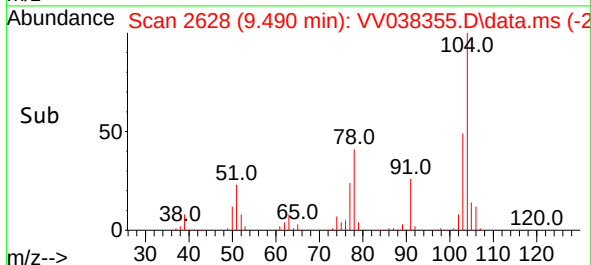
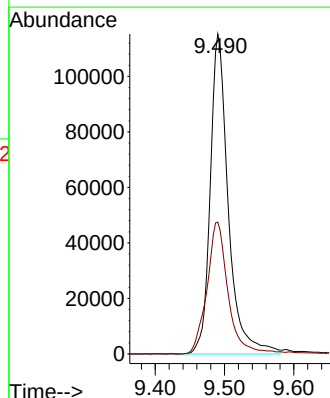
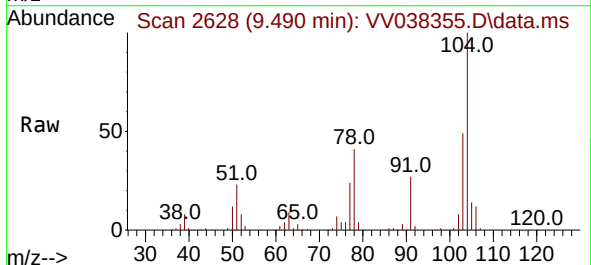
Instrument :
MSVOA_V
ClientSampleId :

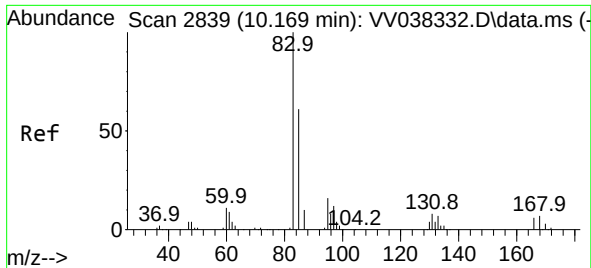
Tgt Ion:106 Resp: 113263
Ion Ratio Lower Upper
106 100
91 212.7 155.5 288.7



#55
Styrene
Concen: 4.466 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion:104 Resp: 208416
Ion Ratio Lower Upper
104 100
78 41.2 29.7 55.1

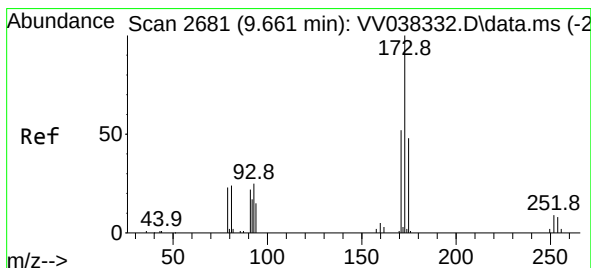
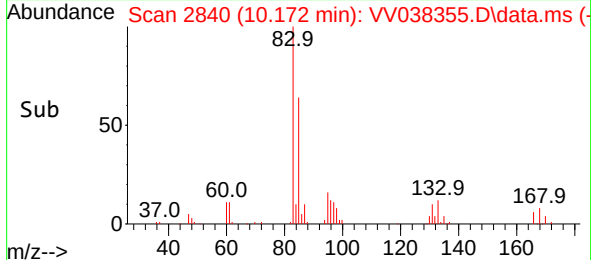
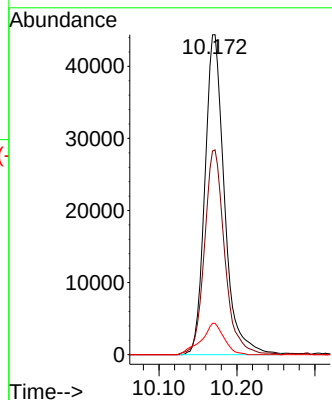
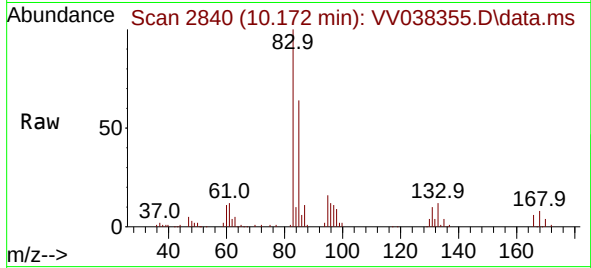




#57
1,1,2,2-Tetrachloroethane
Concen: 5.081 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

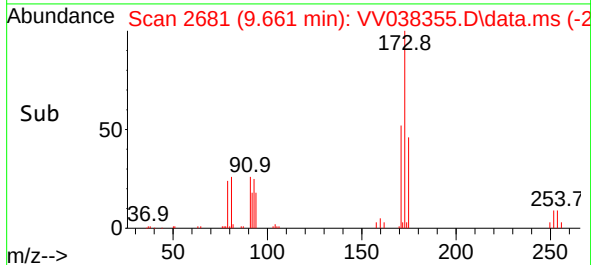
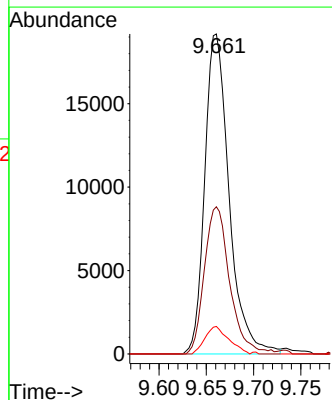
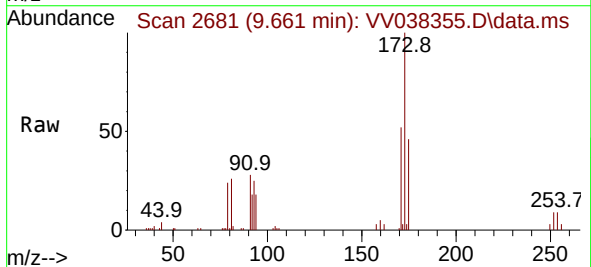
Instrument :
MSVOA_V
ClientSampleId :

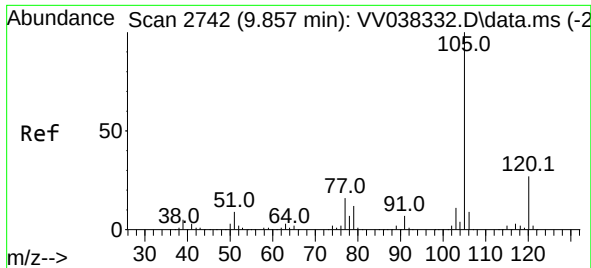
Tgt Ion: 83 Resp: 77399
Ion Ratio Lower Upper
83 100
85 64.0 45.7 84.9
131 9.8 8.2 12.4



#59
Bromoform
Concen: 4.987 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 173 Resp: 34382
Ion Ratio Lower Upper
173 100
175 47.8 38.5 57.7
254 8.4 6.9 10.3

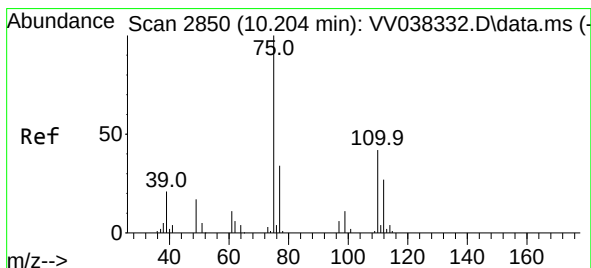
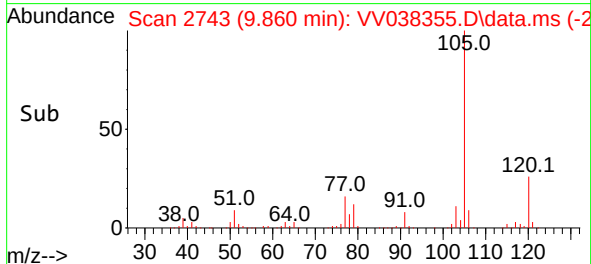
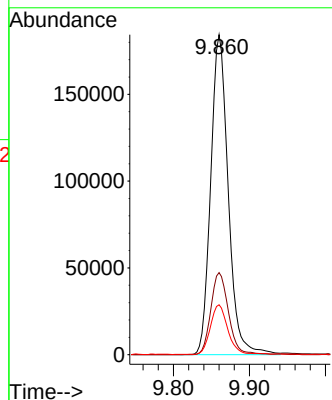
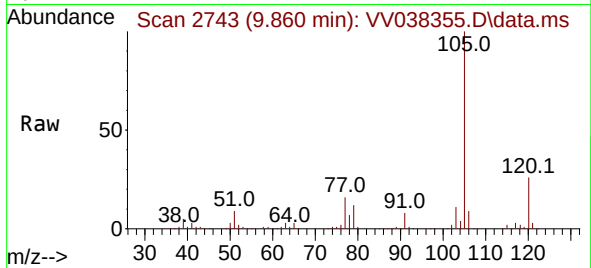




#60
Isopropylbenzene
Concen: 4.321 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

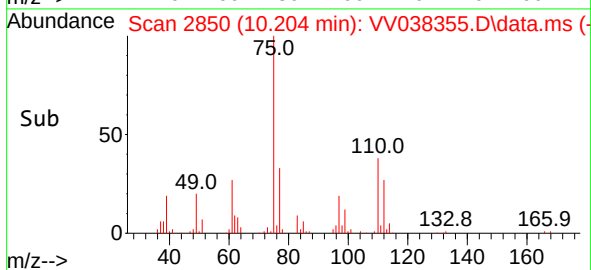
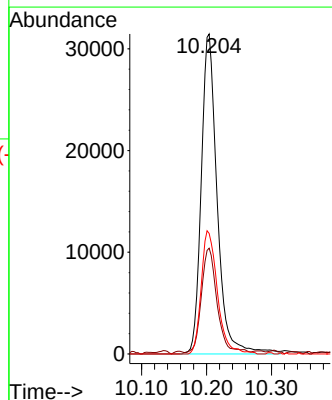
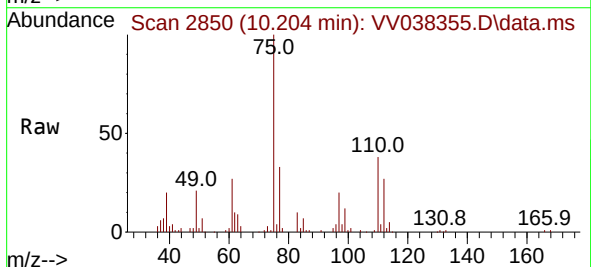
Instrument :
MSVOA_V
ClientSampleId :

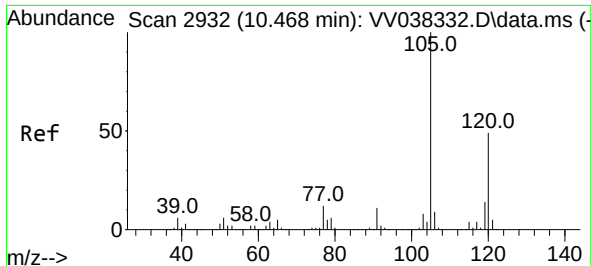
Tgt Ion:105 Resp: 294778
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.315 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion: 75 Resp: 53903
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 39.2 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.018 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

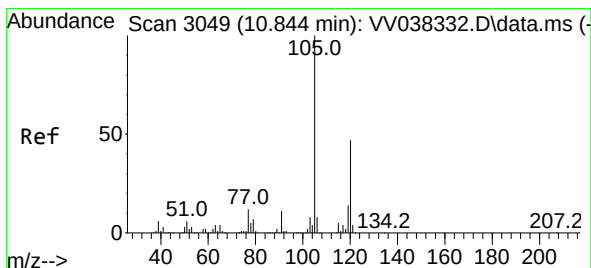
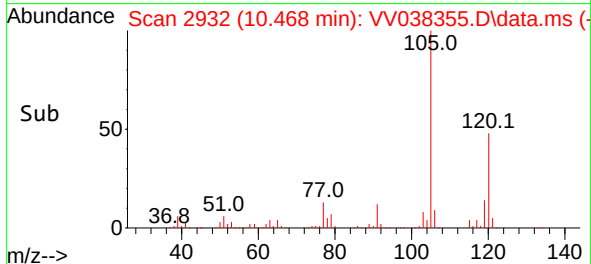
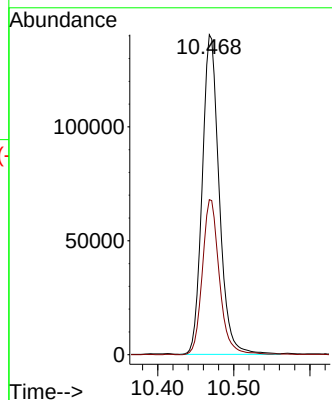
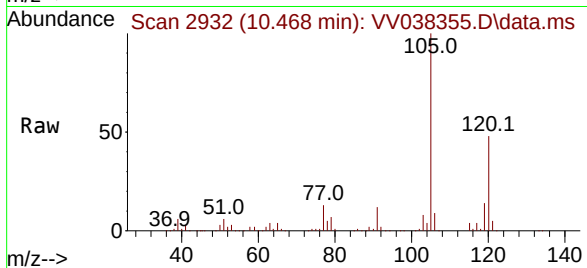
ClientSampleId :

Tgt Ion:105 Resp: 217554

Ion Ratio Lower Upper

105 100

120 48.7 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.089 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038355.D

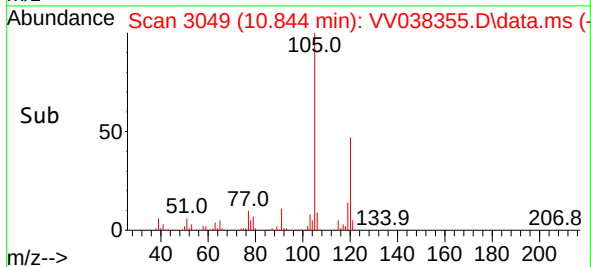
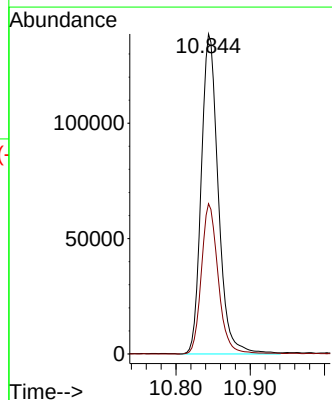
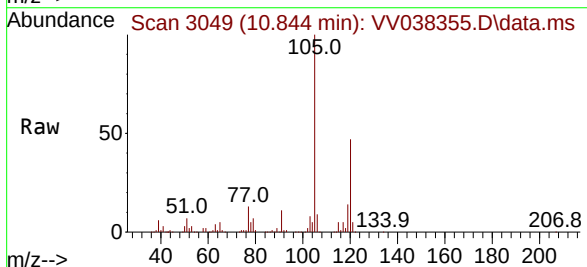
Acq: 25 Nov 2024 20:30

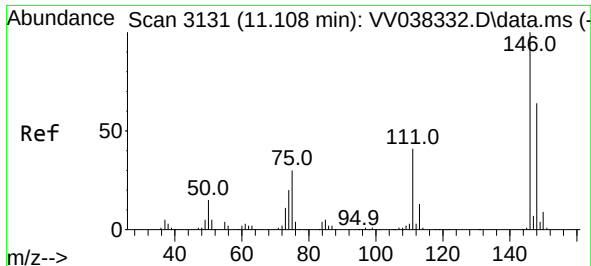
Tgt Ion:105 Resp: 220739

Ion Ratio Lower Upper

105 100

120 46.5 37.0 55.4

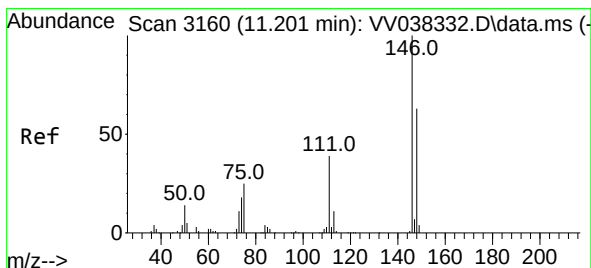
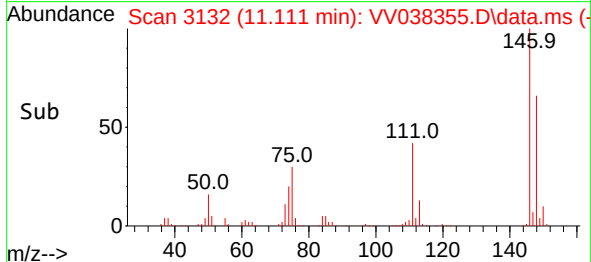
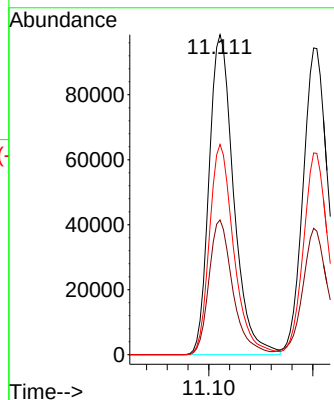
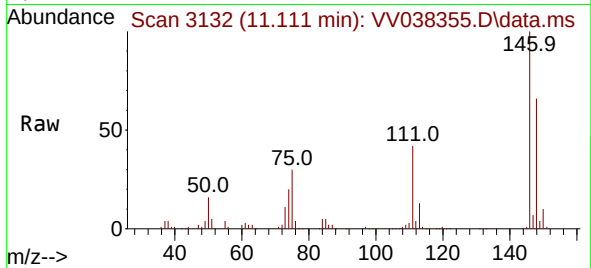




#64
1,3-Dichlorobenzene
Concen: 4.422 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

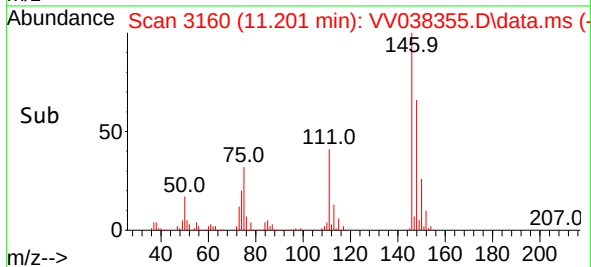
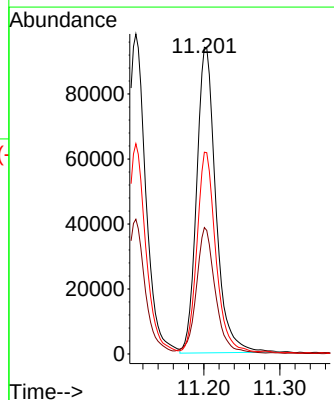
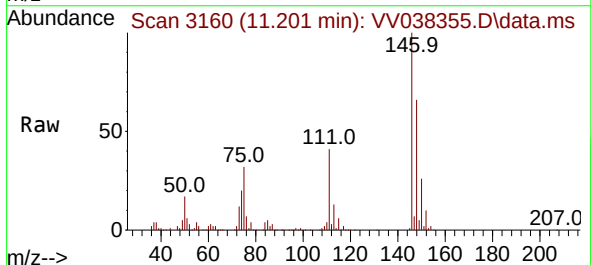
Instrument :
MSVOA_V
ClientSampleId :

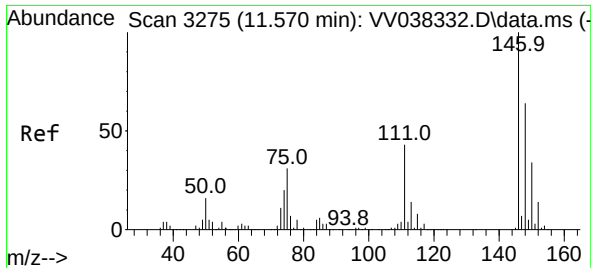
Tgt Ion:146 Resp: 161991
Ion Ratio Lower Upper
146 100
111 42.1 28.2 52.4
148 65.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.459 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion:146 Resp: 165118
Ion Ratio Lower Upper
146 100
111 41.2 27.4 50.8
148 65.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.611 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

ClientSampleId :

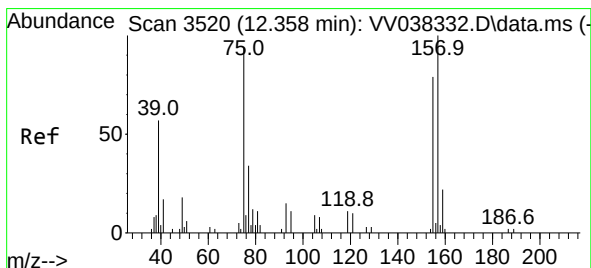
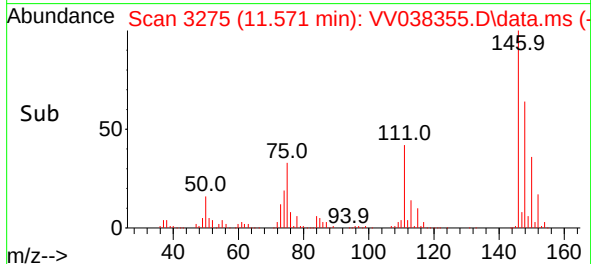
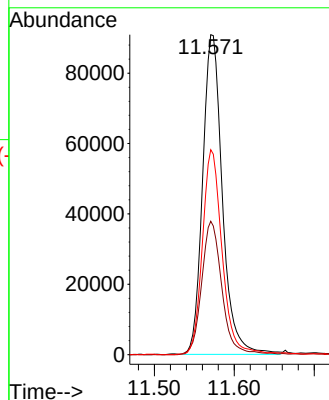
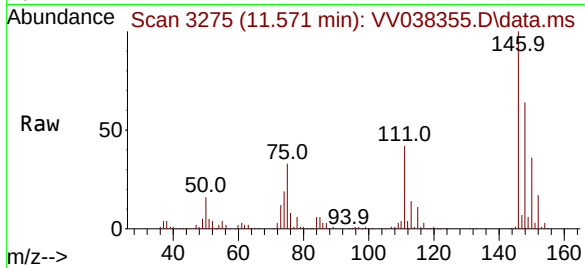
Tgt Ion:146 Resp: 156331

Ion Ratio Lower Upper

146 100

111 41.7 34.2 51.2

148 64.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.117 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

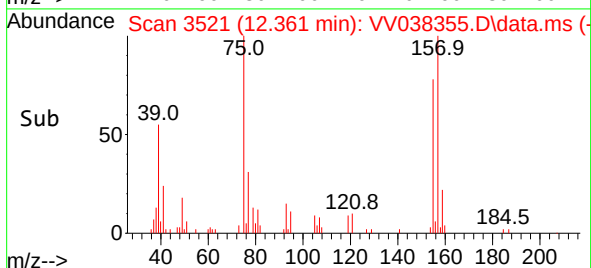
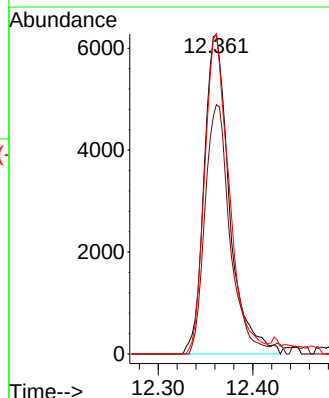
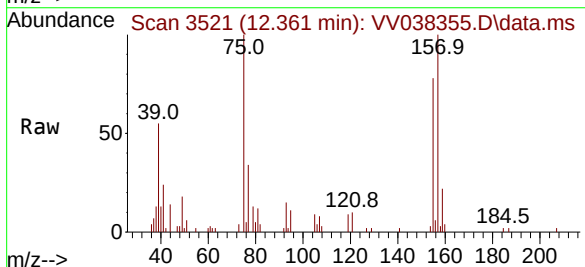
Tgt Ion: 75 Resp: 11648

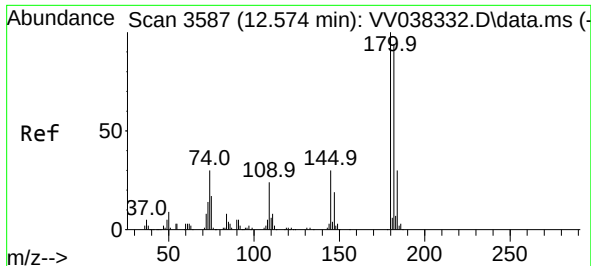
Ion Ratio Lower Upper

75 100

155 78.0 67.5 101.3

157 100.1 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 3.982 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 103338

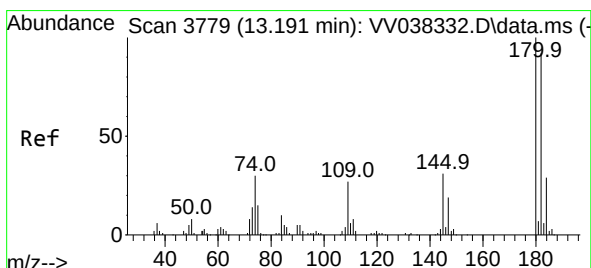
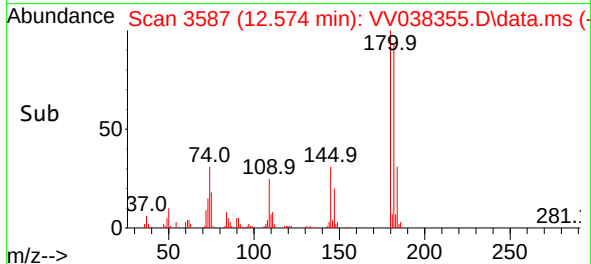
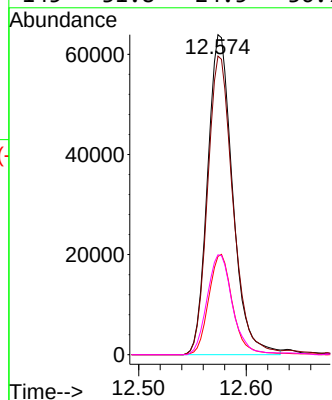
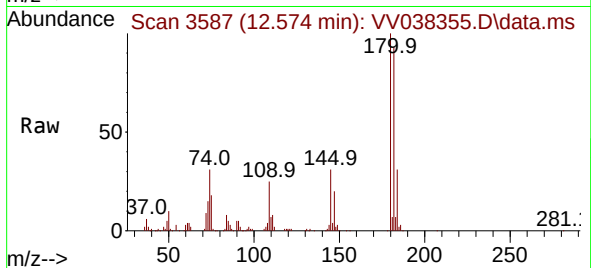
Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

184 30.3 23.7 35.5

145 31.8 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.089 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038355.D

Acq: 25 Nov 2024 20:30

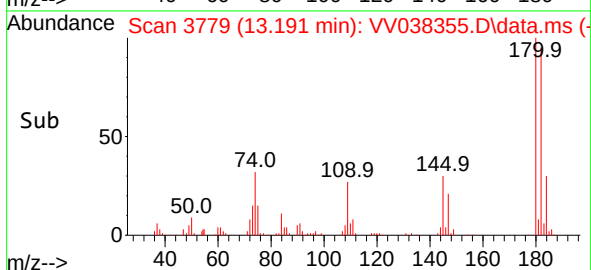
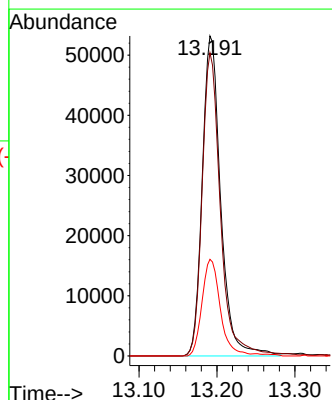
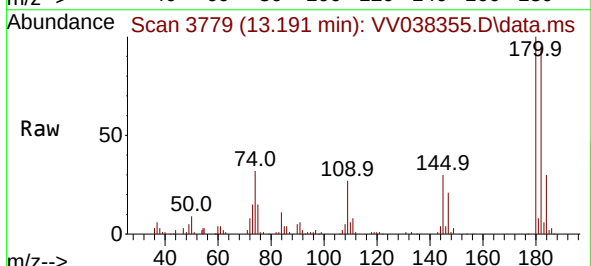
Tgt Ion:180 Resp: 87701

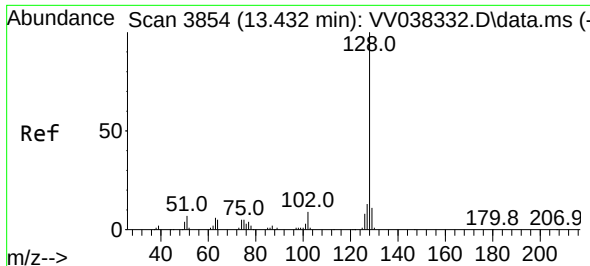
Ion Ratio Lower Upper

180 100

182 94.1 73.8 110.8

145 29.7 24.6 37.0

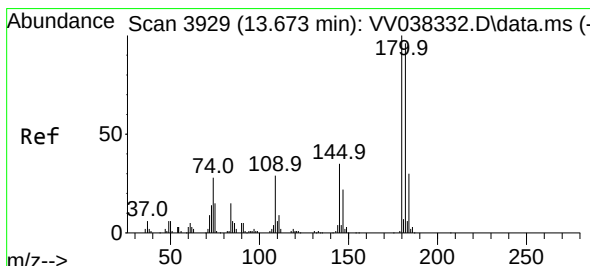
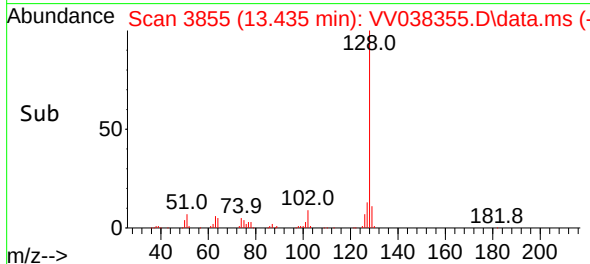
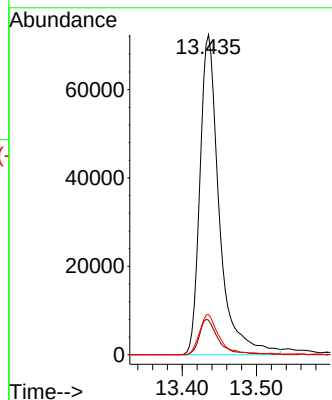
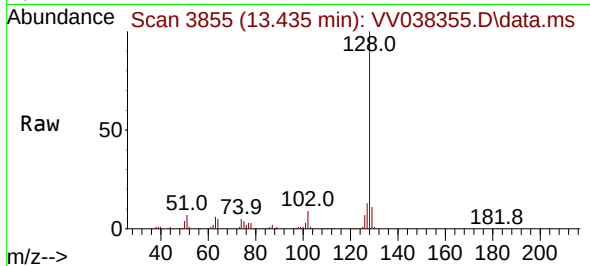




#71
Naphthalene
Concen: 3.938 ug/L
RT: 13.435 min Scan# 3854
Delta R.T. 0.003 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 131413
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.8 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 4.031 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV038355.D
Acq: 25 Nov 2024 20:30

Tgt Ion:180 Resp: 79904
Ion Ratio Lower Upper
180 100
182 96.1 75.1 112.7
145 35.2 27.0 40.4

