

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038199.D
 Acq On : 20 Nov 2024 00:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 02:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242728	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	256673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	142740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	97121	5.220	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.400%	
7) Chloroethane-d5	1.526	69	81007	5.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 107.600%	
11) 1,1-Dichloroethene-d2	2.053	65	42487	5.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 106.200%	
20) 2-Butanone-d5	3.780	46	192922	51.836	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 103.680%	
24) Chloroform-d	4.239	84	193172	5.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.000%	
26) 1,2-Dichloroethane-d4	4.937	65	87922	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.600%	
32) Benzene-d6	4.950	84	353411	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.600%	
36) 1,2-Dichloropropane-d6	5.979	67	108708	5.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.600%	
41) Toluene-d8	7.236	98	343032	5.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.800%	
43) trans-1,3-Dichloroprop...	7.551	79	40939	5.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.800%	
46) 2-Hexanone-d5	8.017	63	163538	55.434	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.860%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	96078	5.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.800%	
66) 1,2-Dichlorobenzene-d4	11.554	152	123063	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	128605	5.600	ug/L	100
3) Chloromethane	1.214	50	114492	5.790	ug/L	98
5) Vinyl chloride	1.278	62	126365	5.639	ug/L	97
6) Bromomethane	1.481	94	49468	5.662	ug/L	93
8) Chloroethane	1.542	64	79426	5.563	ug/L	98
9) Trichlorofluoromethane	1.709	101	180108	5.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	103598	5.692	ug/L	100
12) 1,1-Dichloroethene	2.063	96	96526	5.568	ug/L	90
13) Acetone	2.104	43	145636	52.908	ug/L	99
14) Carbon disulfide	2.233	76	308013	5.515	ug/L	100
15) Methyl Acetate	2.371	43	38784	5.802	ug/L	91
16) Methylene chloride	2.439	84	111308	5.630	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	216463	5.522	ug/L	100
18) trans-1,2-Dichloroethene	2.686	96	101725	5.570	ug/L	99
19) 1,1-Dichloroethane	3.104	63	187397	5.653	ug/L	98
21) 2-Butanone	3.860	43	205216	51.945	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	106772	5.654	ug/L	98
23) Bromochloromethane	4.140	128	52173	5.659	ug/L	94
25) Chloroform	4.268	83	198844	5.606	ug/L	97

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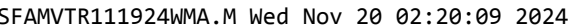
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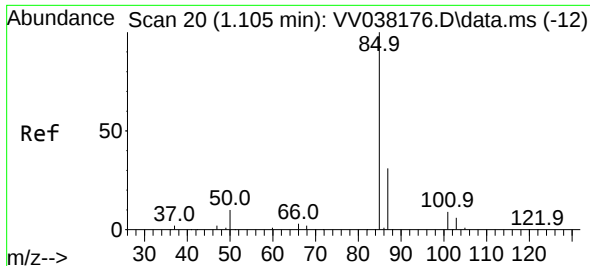
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	115466	5.983	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	175194	5.691	ug/L	99
30) Cyclohexane	4.571	56	136203	5.335	ug/L	100
31) Carbon tetrachloride	4.725	117	151829	5.591	ug/L	99
33) Benzene	5.001	78	408141	5.661	ug/L	100
34) Trichloroethene	5.828	95	108083	5.499	ug/L	98
35) Methylcyclohexane	6.040	83	143179	5.150	ug/L	98
37) 1,2-Dichloropropane	6.085	63	102794	5.692	ug/L	99
38) Bromodichloromethane	6.426	83	136365	5.618	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	136354	5.409	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	553607	58.570	ug/L	99
42) Toluene	7.307	91	445128	5.830	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	121674	5.713	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	83447	5.698	ug/L	98
47) Tetrachloroethene	7.898	164	85767	5.431	ug/L	98
48) 2-Hexanone	8.066	43	397774	58.034	ug/L	97
49) Dibromochloromethane	8.169	129	89969	5.634	ug/L	99
50) 1,2-Dibromoethane	8.278	107	79431	5.850	ug/L	97
51) Chlorobenzene	8.808	112	286212	5.440	ug/L	99
52) Ethylbenzene	8.940	91	443489	5.475	ug/L	99
53) m,p-Xylene	9.066	106	176377	5.770	ug/L	96
54) o-Xylene	9.471	106	165718	5.569	ug/L	98
55) Styrene	9.490	104	304970	5.813	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	101113	5.904	ug/L	97
59) Bromoform	9.660	173	45520	5.480	ug/L	99
60) Isopropylbenzene	9.860	105	450360	5.478	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	67840	5.551	ug/L	98
62) 1,3,5-Trimethylbenzene	10.467	105	343028	5.258	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	351779	5.407	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	237573	5.382	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	240484	5.389	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	222859	5.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14751	5.377	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	155781	4.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	130755	5.058	ug/L	99
71) Naphthalene	13.435	128	178662	4.443	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	120602	5.050	ug/L	99

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

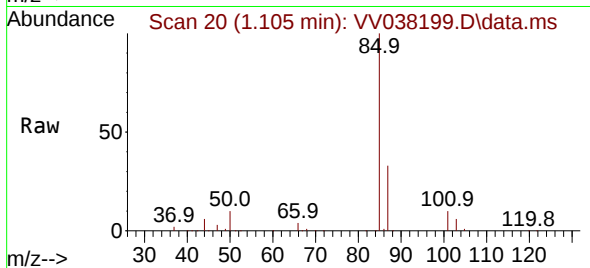
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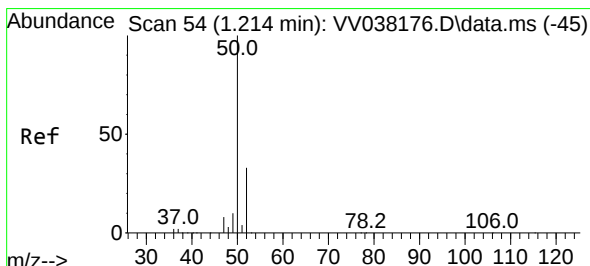
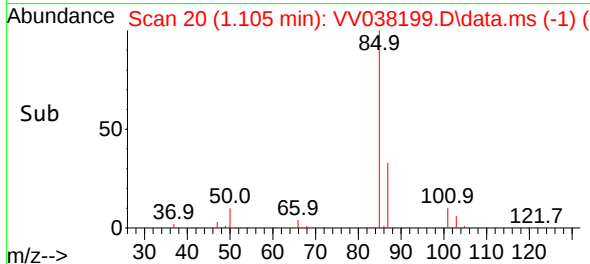
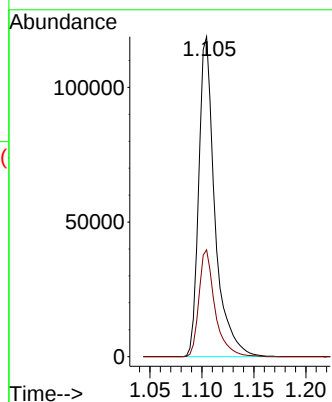


#2
 Dichlorodifluoromethane
 Concen: 5.600 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038199.D
 Acq: 20 Nov 2024 00:14

Instrument :
 MSVOA_V
 ClientSampleId :

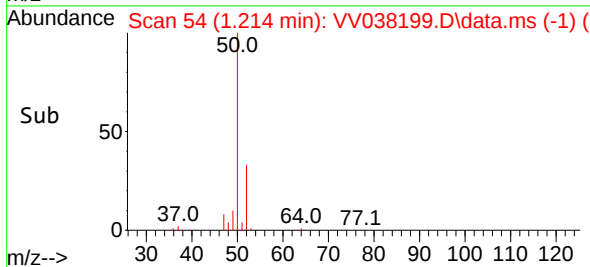
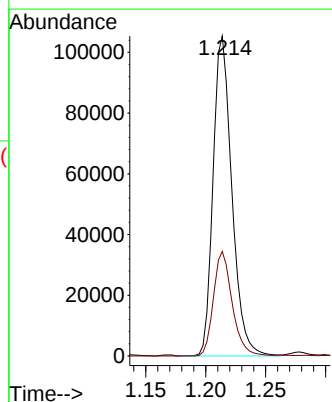
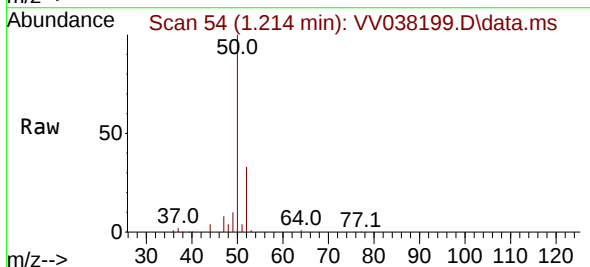


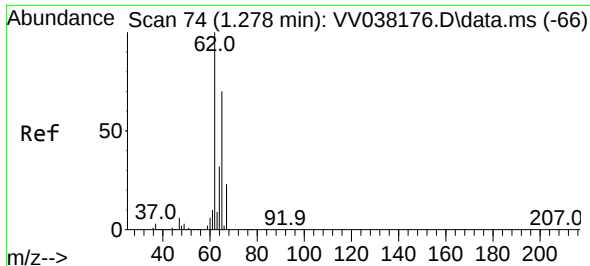
Tgt Ion: 85 Resp: 128605
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.5 39.7



#3
 Chloromethane
 Concen: 5.790 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038199.D
 Acq: 20 Nov 2024 00:14

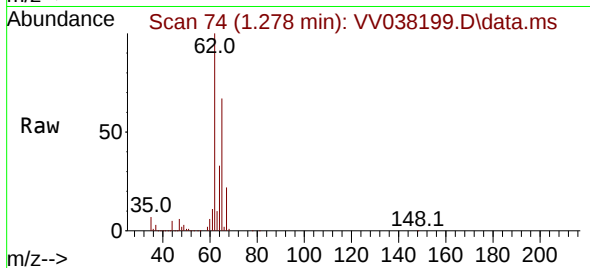
Tgt Ion: 50 Resp: 114492
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.5 43.7



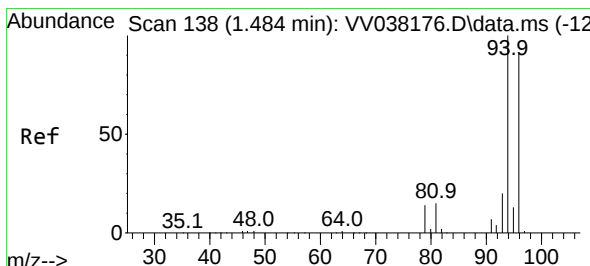
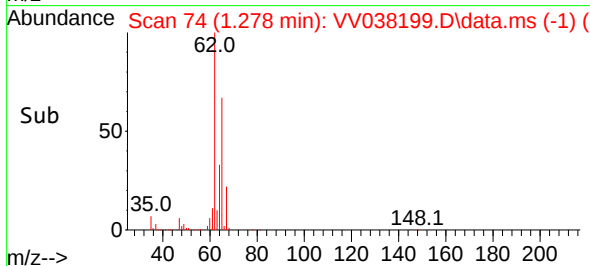
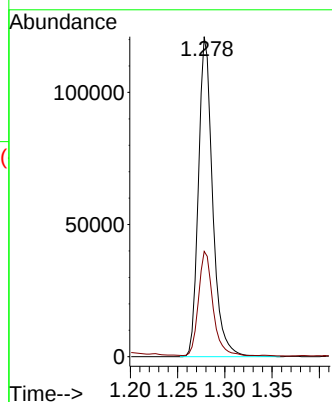


#5
 Vinyl chloride
 Concen: 5.639 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038199.D
 Acq: 20 Nov 2024 00:14

Instrument :
 MSVOA_V
 ClientSampleId :

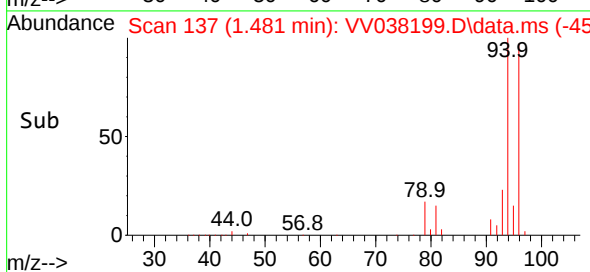
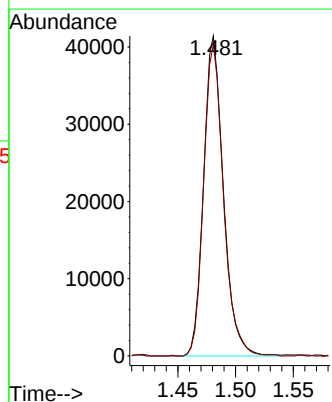
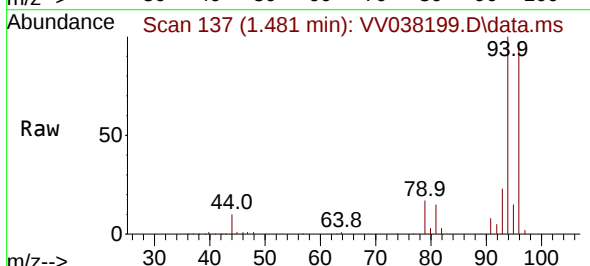


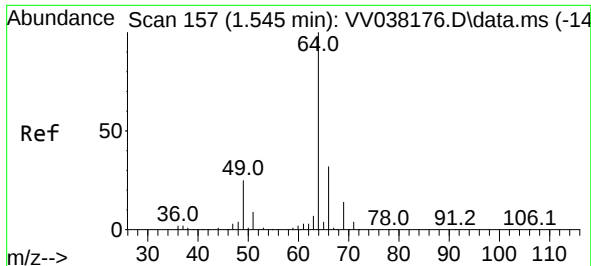
Tgt Ion: 62 Resp: 126365
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.4 45.4



#6
 Bromomethane
 Concen: 5.662 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV038199.D
 Acq: 20 Nov 2024 00:14

Tgt Ion: 94 Resp: 49468
 Ion Ratio Lower Upper
 94 100
 96 97.4 63.7 118.3

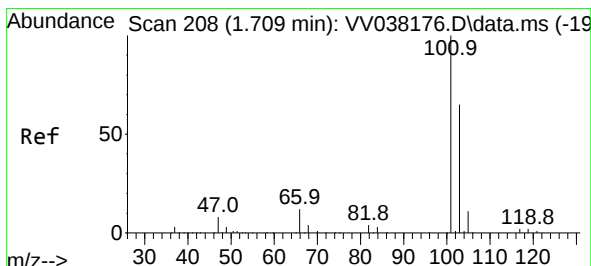
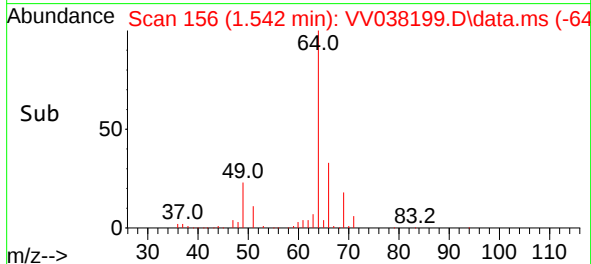
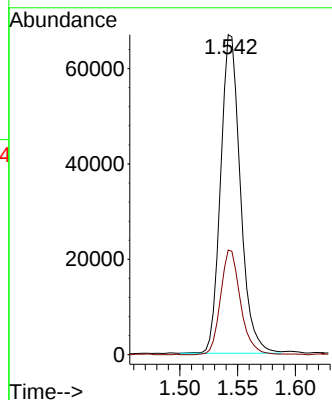
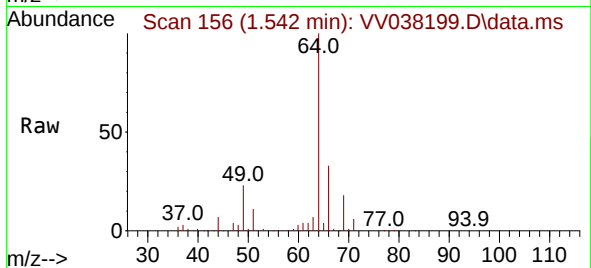




#8
Chloroethane
Concen: 5.563 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

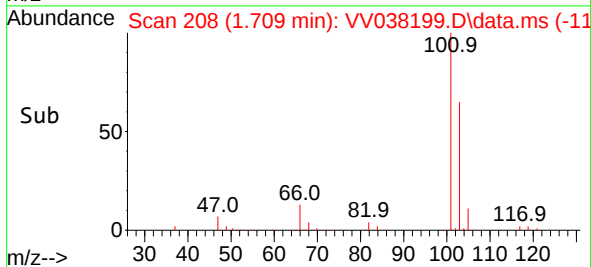
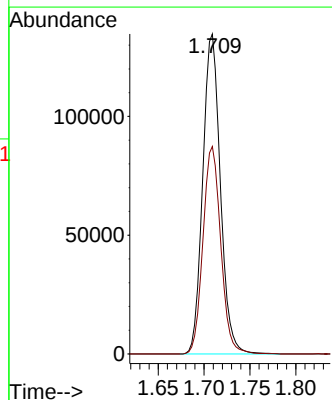
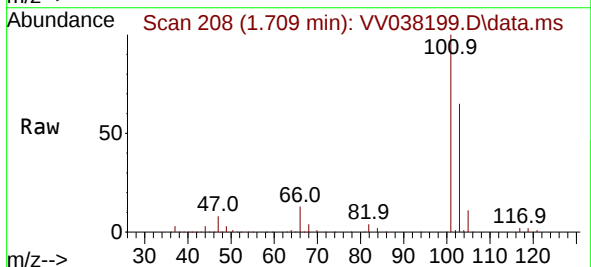
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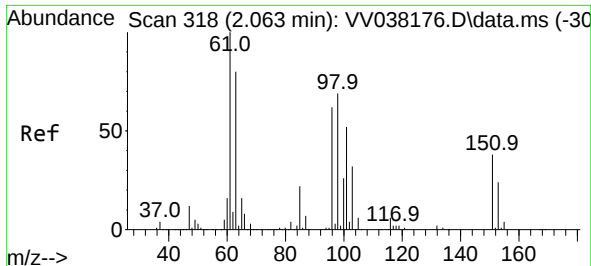
Tgt Ion: 64 Resp: 79426
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.648 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion:101 Resp: 180108
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

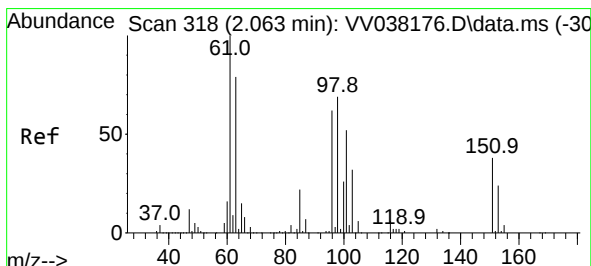
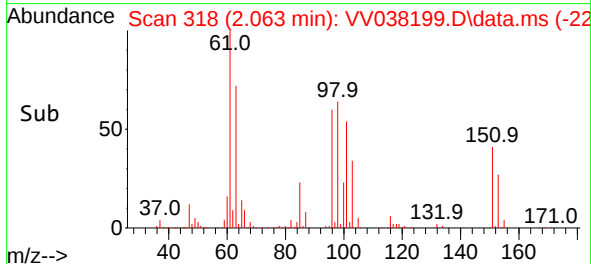
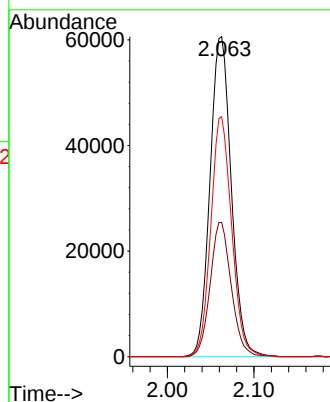
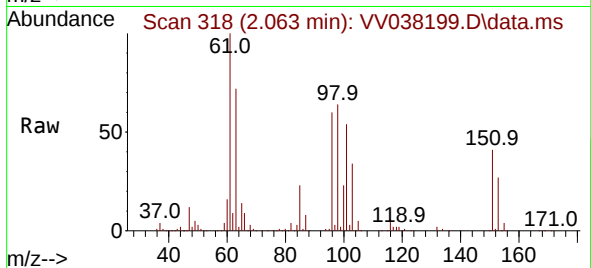




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.692 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038199.D
 Acq: 20 Nov 2024 00:14

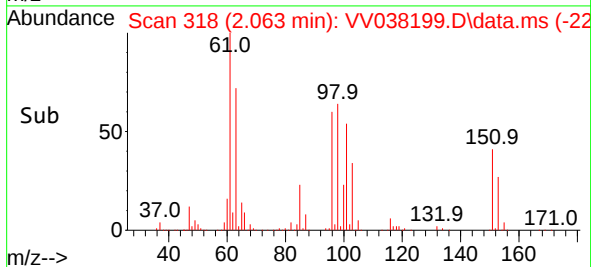
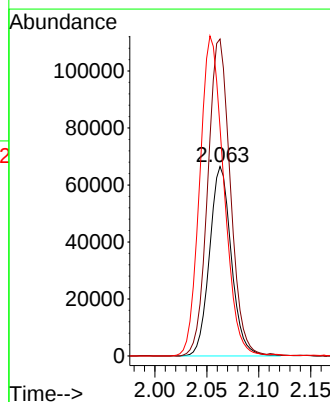
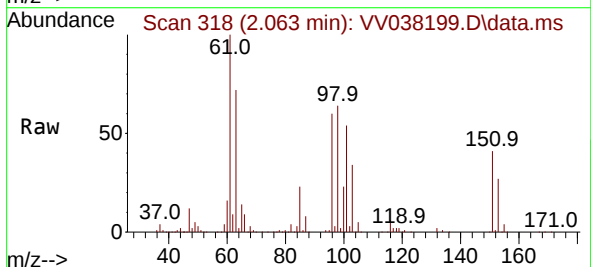
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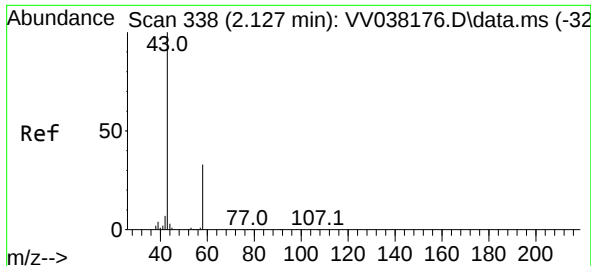
Tgt Ion:101 Resp: 103598
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.4 50.0
 151 73.5 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 5.568 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038199.D
 Acq: 20 Nov 2024 00:14

Tgt Ion: 96 Resp: 96526
 Ion Ratio Lower Upper
 96 100
 61 167.4 115.7 214.9
 63 120.5 101.1 187.7





#13

Acetone

Concen: 52.908 ug/L

RT: 2.104 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

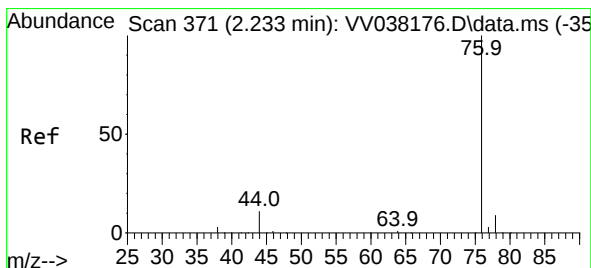
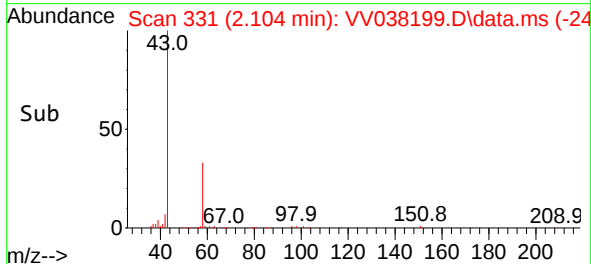
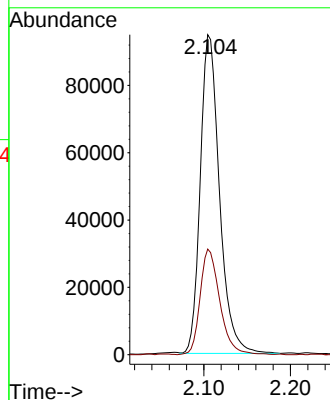
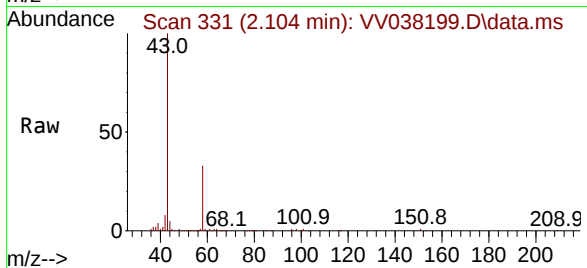
ClientSampleId :

Tgt Ion: 43 Resp: 145636

Ion Ratio Lower Upper

43 100

58 34.0 0.0 67.2



#14

Carbon disulfide

Concen: 5.515 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038199.D

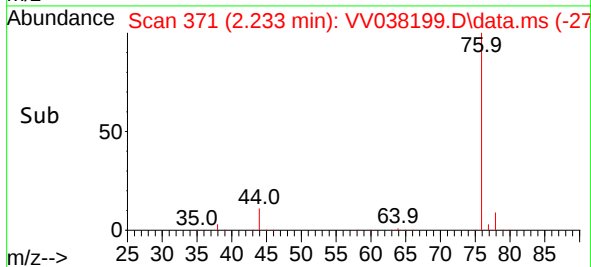
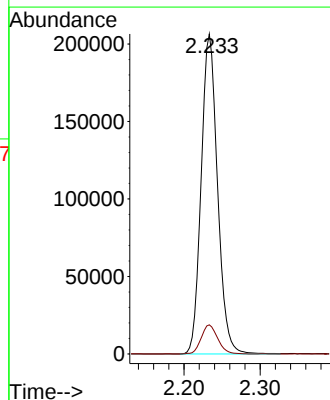
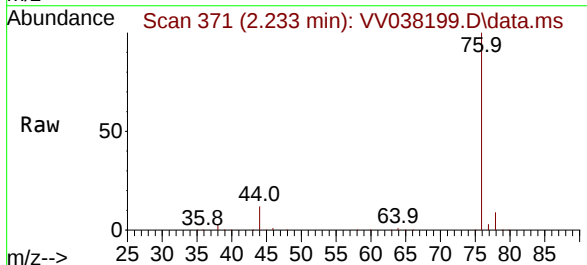
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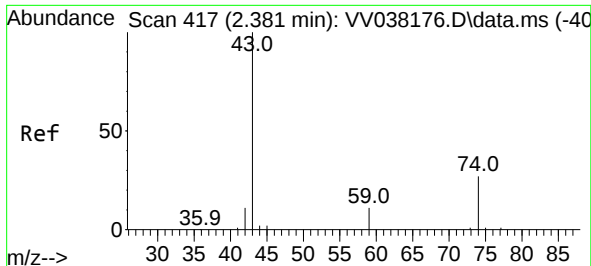
Tgt Ion: 76 Resp: 308013

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

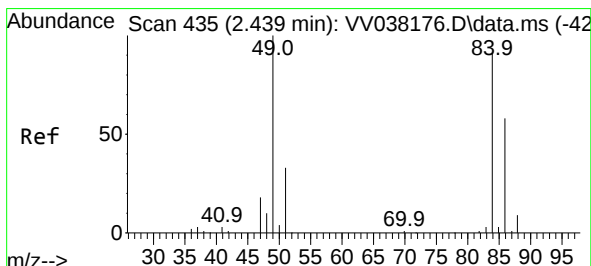
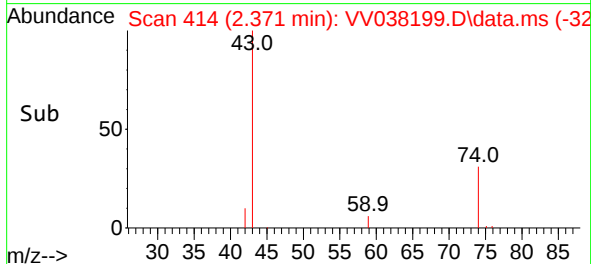
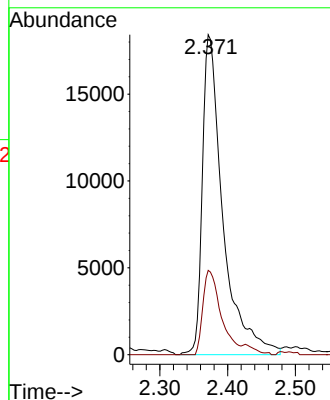
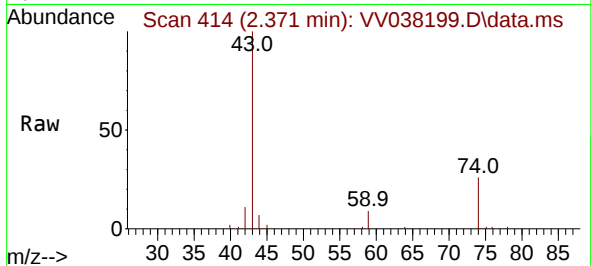




#15
Methyl Acetate
Concen: 5.802 ug/L
RT: 2.371 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

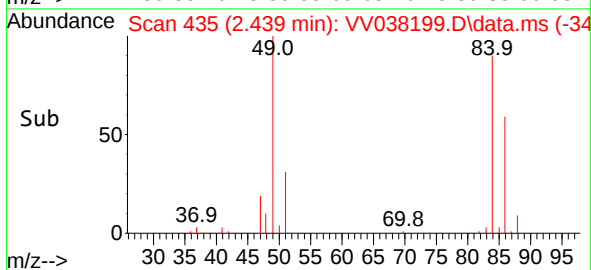
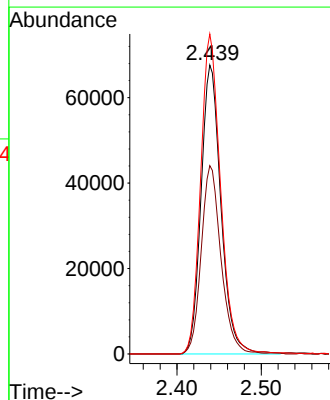
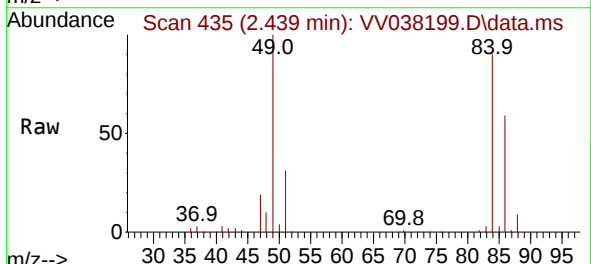
Instrument :
MSVOA_V
ClientSampleId :

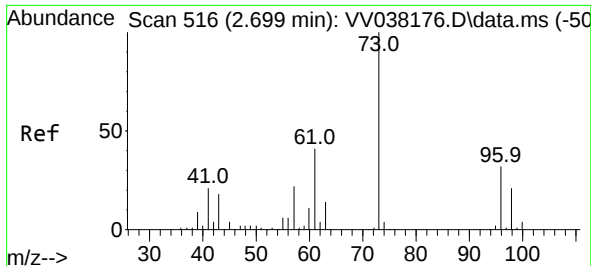
Tgt Ion: 43 Resp: 38784
Ion Ratio Lower Upper
43 100
74 23.2 22.4 33.6



#16
Methylene chloride
Concen: 5.630 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion: 84 Resp: 111308
Ion Ratio Lower Upper
84 100
86 65.2 44.2 82.2
49 110.7 74.9 139.1

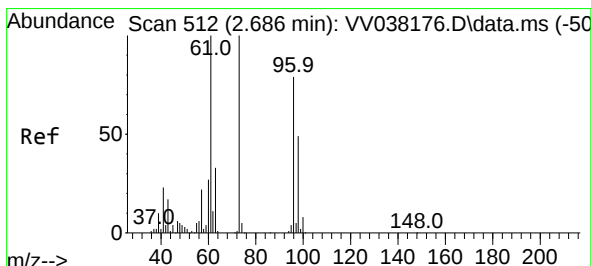
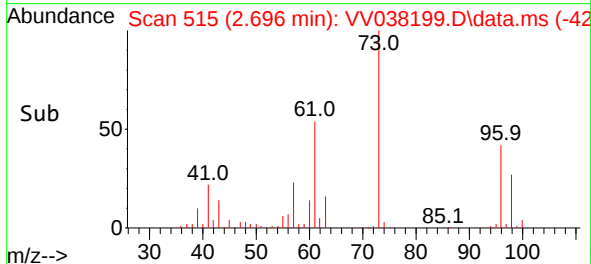
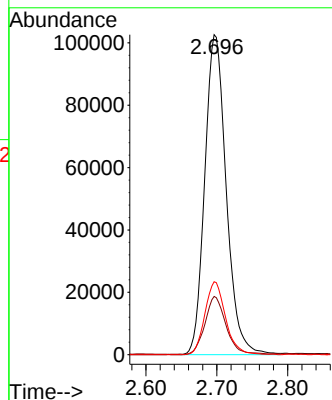
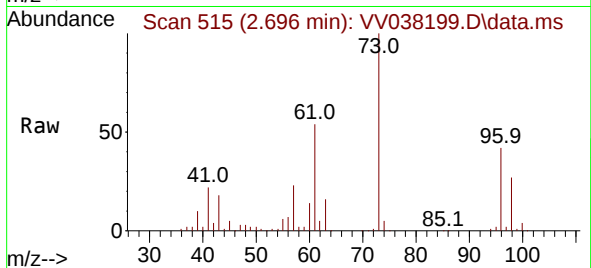




#17
Methyl tert-butyl Ether
Concen: 5.522 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

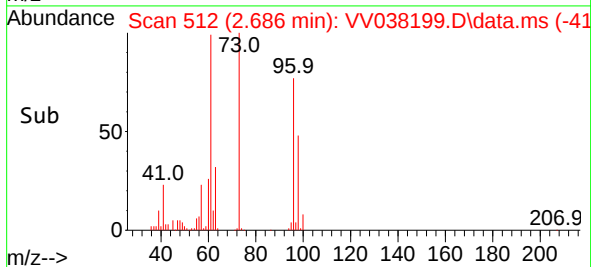
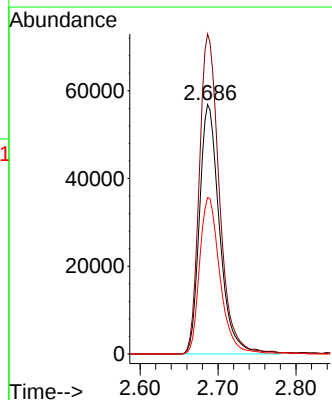
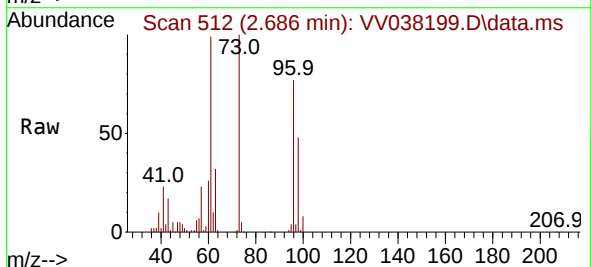
Instrument :
MSVOA_V
ClientSampleId :

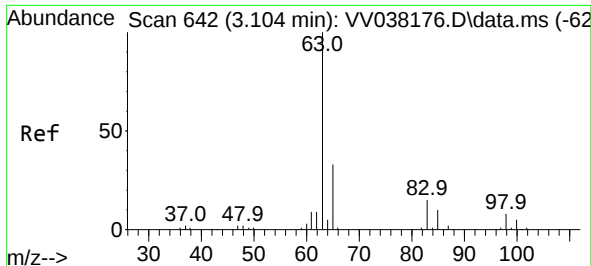
Tgt Ion: 73 Resp: 216463
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.2
57 21.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.570 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion: 96 Resp: 101725
Ion Ratio Lower Upper
96 100
61 128.3 88.5 164.4
98 62.7 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.653 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :

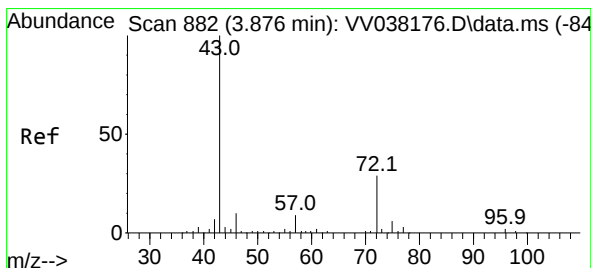
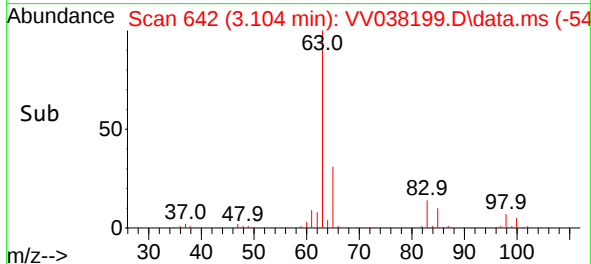
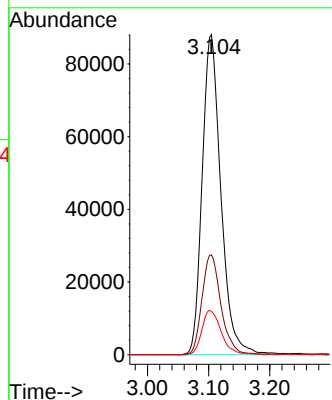
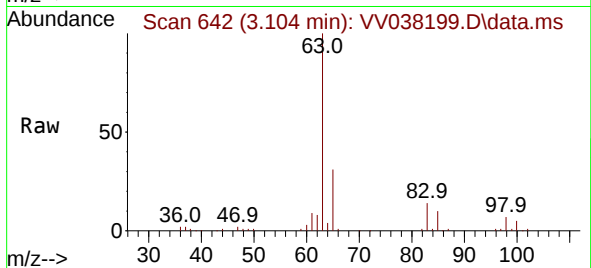
Tgt Ion: 63 Resp: 187397

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.7

83 13.6 10.1 18.9



#21

2-Butanone

Concen: 51.945 ug/L

RT: 3.860 min Scan# 877

Delta R.T. -0.016 min

Lab File: VV038199.D

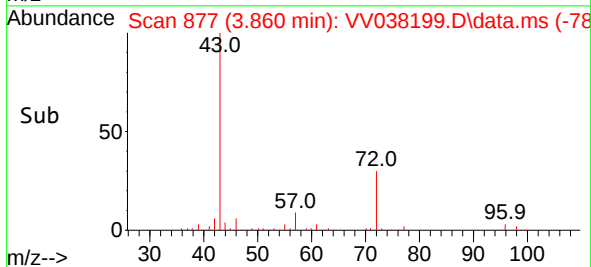
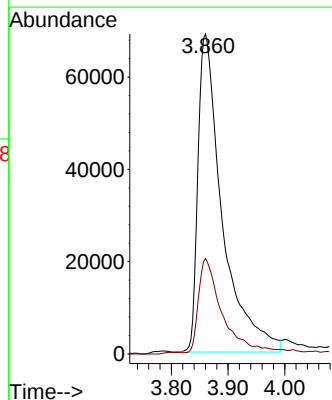
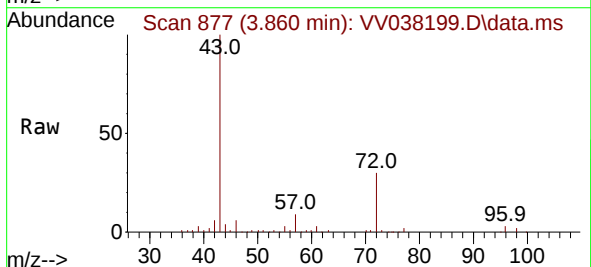
Acq: 20 Nov 2024 00:14

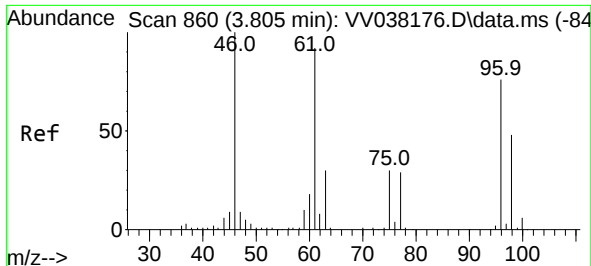
Tgt Ion: 43 Resp: 205216

Ion Ratio Lower Upper

43 100

72 27.1 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.654 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :

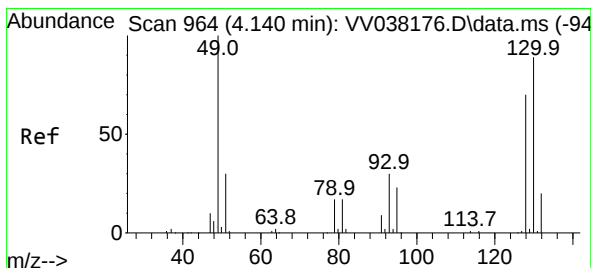
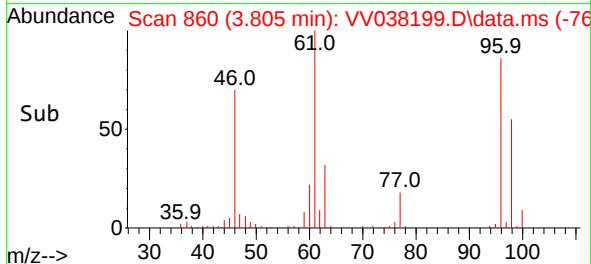
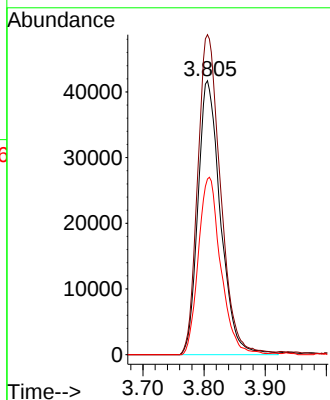
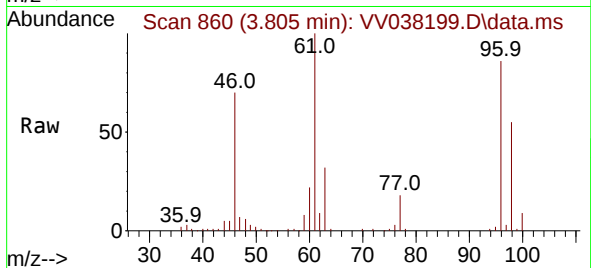
Tgt Ion: 96 Resp: 106772

Ion Ratio Lower Upper

96 100

61 116.8 82.7 153.5

98 64.2 46.3 85.9



#23

Bromochloromethane

Concen: 5.659 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Tgt Ion:128 Resp: 52173

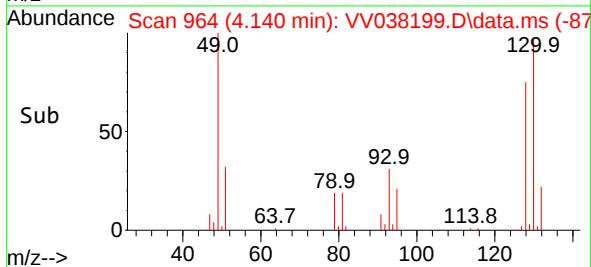
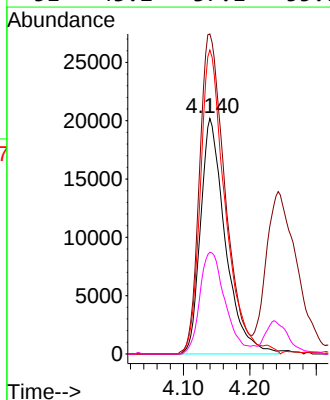
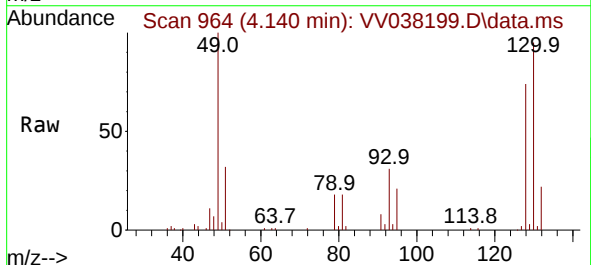
Ion Ratio Lower Upper

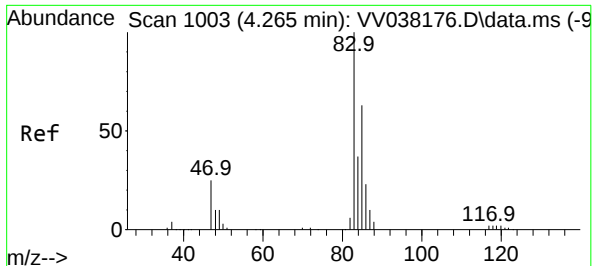
128 100

49 135.8 102.8 190.8

130 129.0 93.6 173.8

51 43.2 37.1 55.7

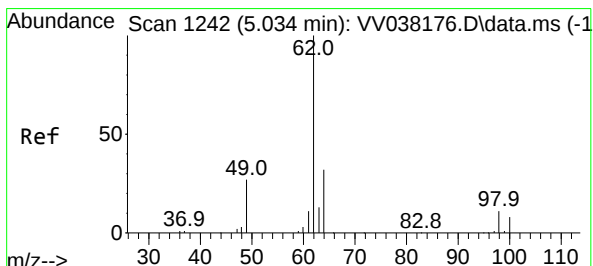
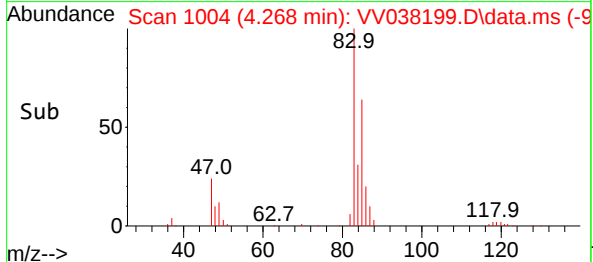
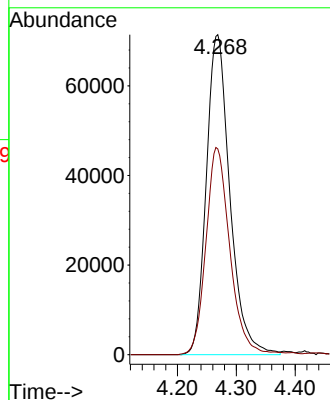
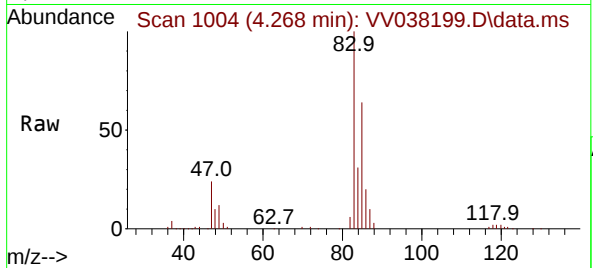




#25
Chloroform
Concen: 5.606 ug/L
RT: 4.268 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

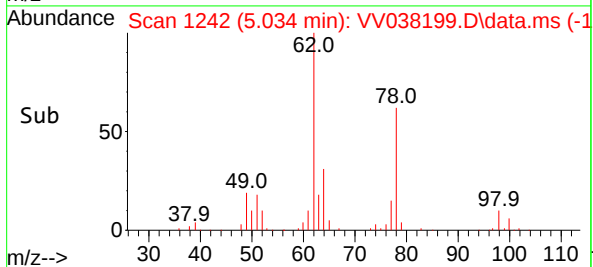
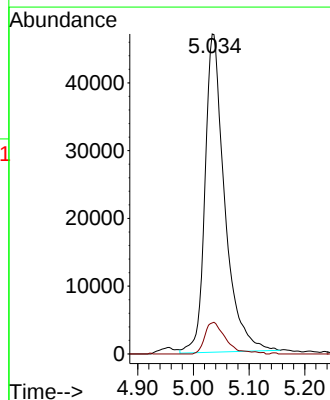
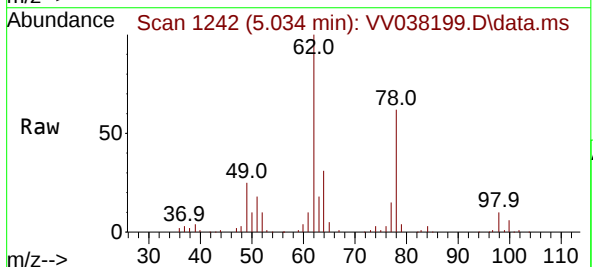
Instrument :
MSVOA_V
ClientSampleId :

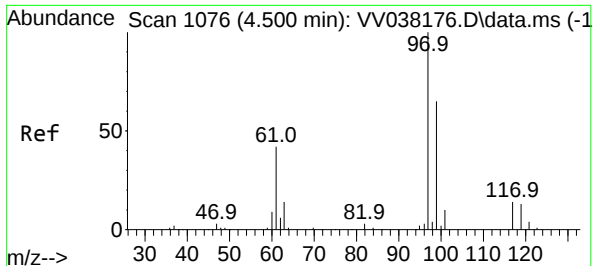
Tgt Ion: 83 Resp: 198844
Ion Ratio Lower Upper
83 100
85 64.3 46.5 86.3



#27
1,2-Dichloroethane
Concen: 5.983 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion: 62 Resp: 115466
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.691 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :

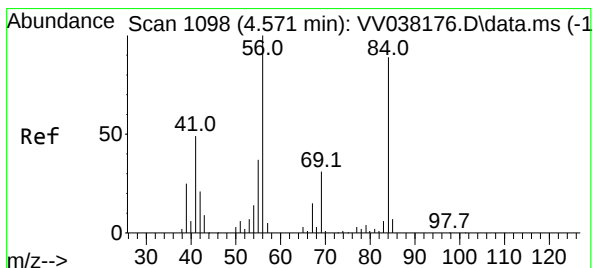
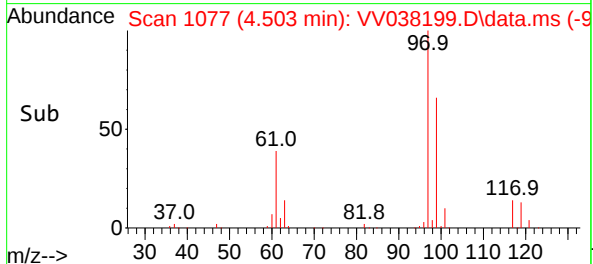
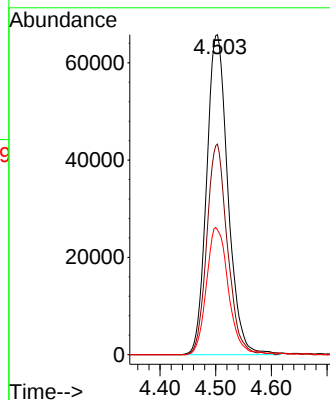
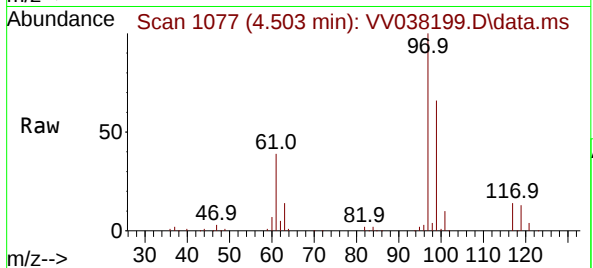
Tgt Ion: 97 Resp: 175194

Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.8

61 40.3 32.2 48.2



#30

Cyclohexane

Concen: 5.335 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

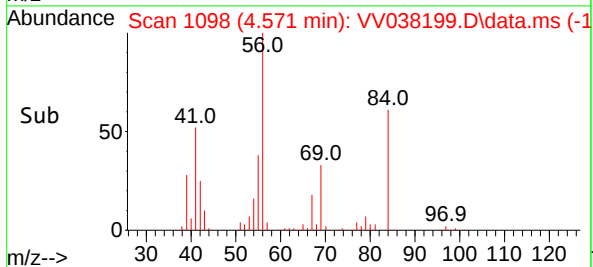
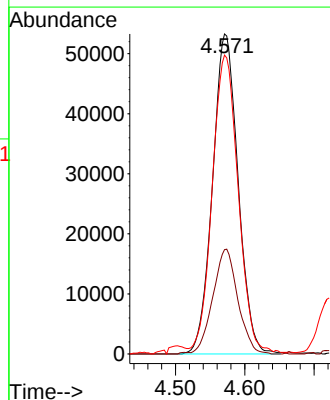
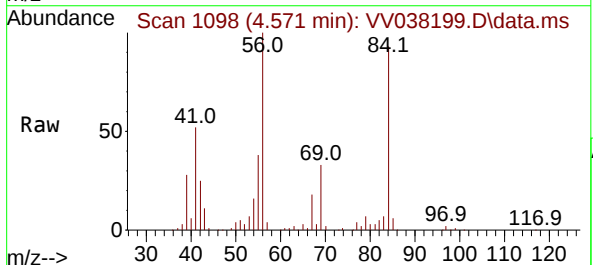
Tgt Ion: 56 Resp: 136203

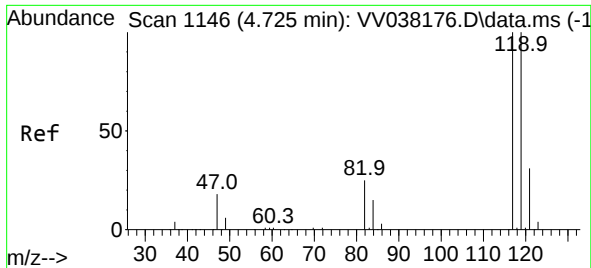
Ion Ratio Lower Upper

56 100

69 32.2 26.0 39.0

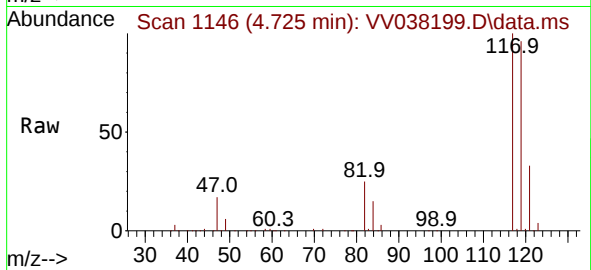
84 94.3 75.6 113.4



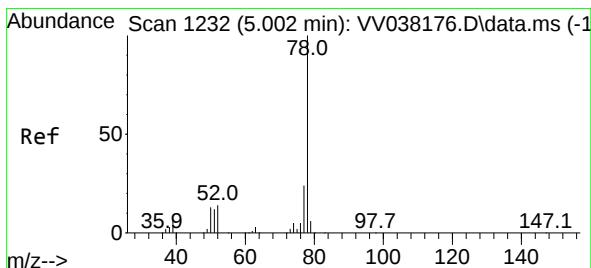
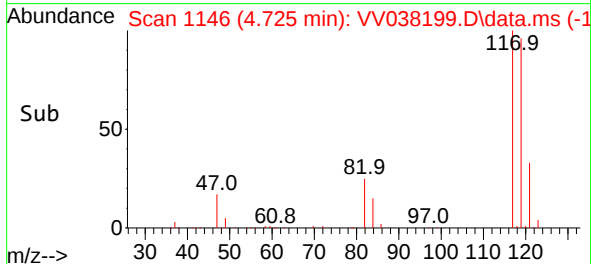
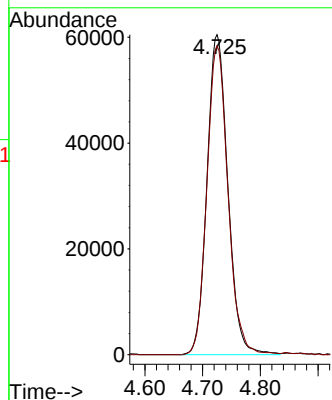


#31
Carbon tetrachloride
Concen: 5.591 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Instrument :
MSVOA_V
ClientSampleId :

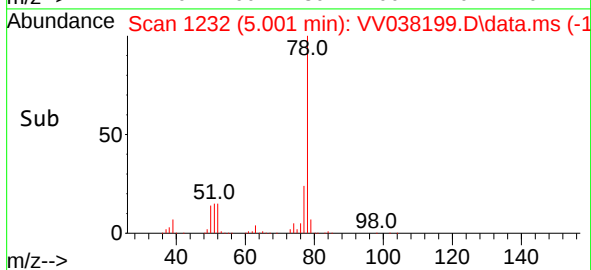
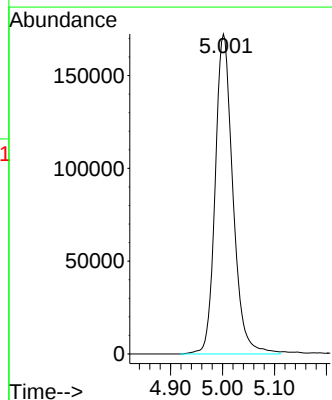
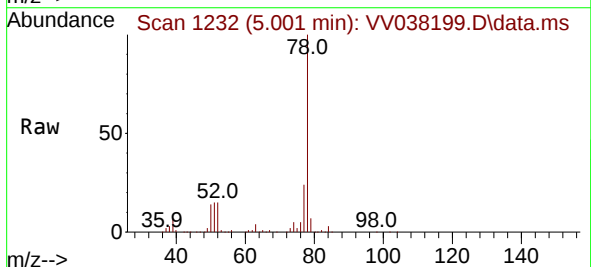


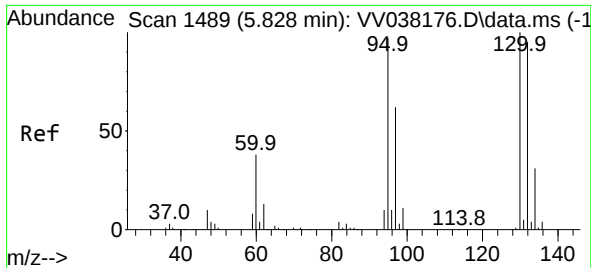
Tgt Ion:117 Resp: 151829
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.2



#33
Benzene
Concen: 5.661 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

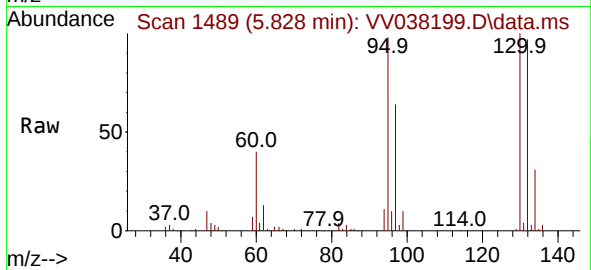
Tgt Ion: 78 Resp: 408141



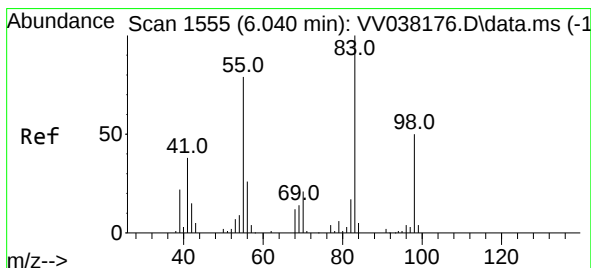
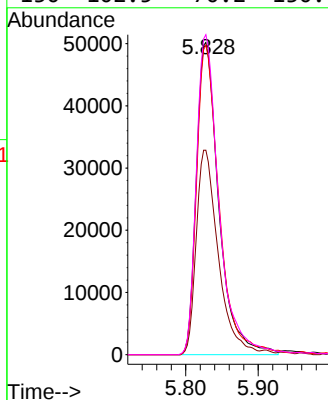
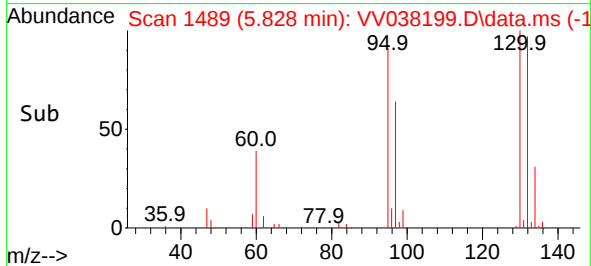


#34
Trichloroethene
Concen: 5.499 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

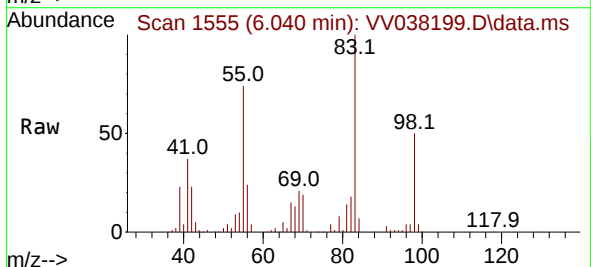
Instrument :
MSVOA_V
ClientSampleId :



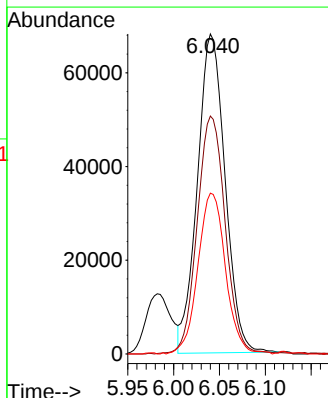
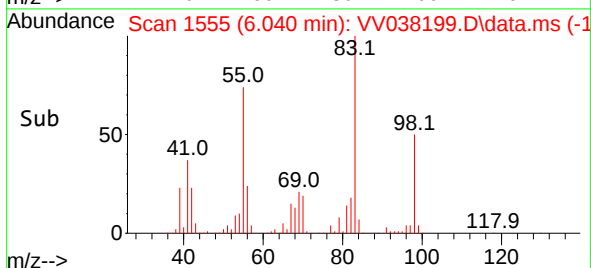
Tgt Ion: 95 Resp: 108083
Ion Ratio Lower Upper
95 100
97 65.5 44.8 83.2
132 99.2 68.3 126.8
130 102.5 70.2 130.4

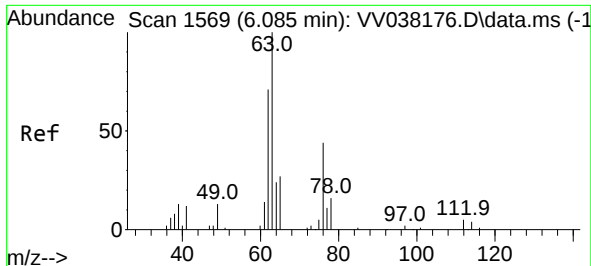


#35
Methylcyclohexane
Concen: 5.150 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14



Tgt Ion: 83 Resp: 143179
Ion Ratio Lower Upper
83 100
55 75.7 59.7 89.5
98 50.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.692 ug/L

RT: 6.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

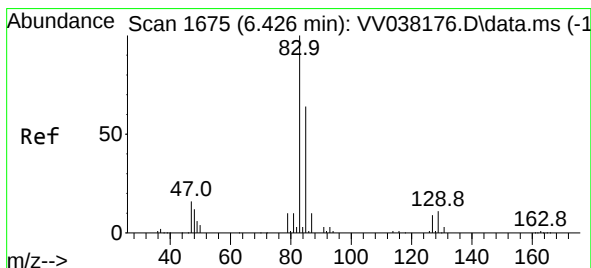
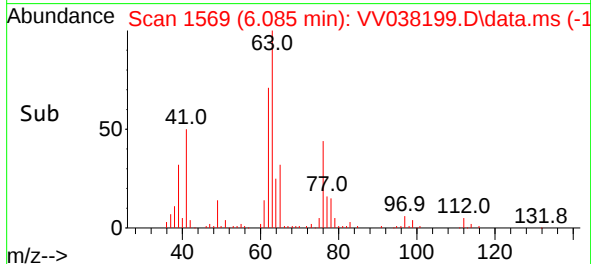
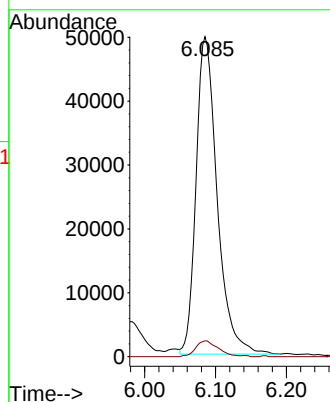
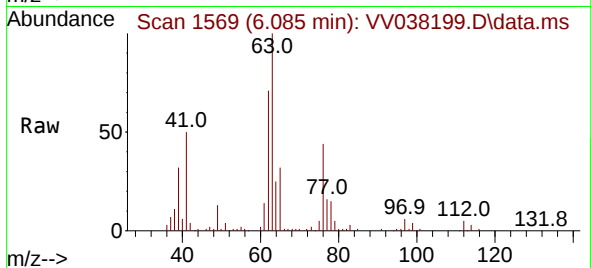
ClientSampleId :

Tgt Ion: 63 Resp: 102794

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 5.618 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

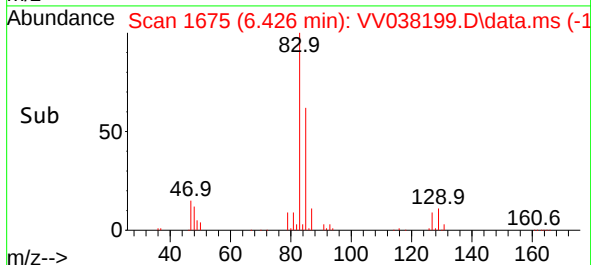
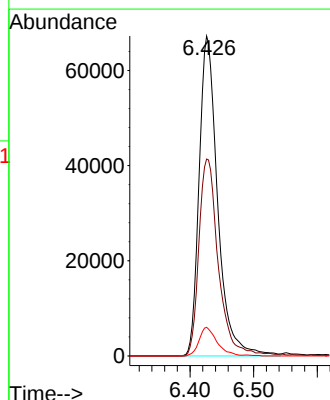
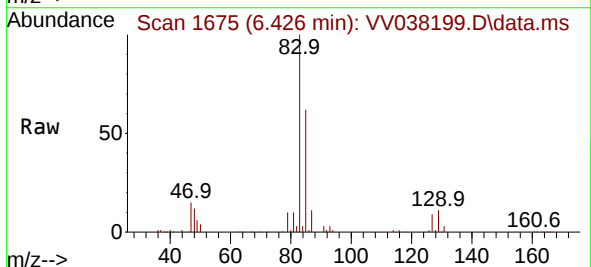
Tgt Ion: 83 Resp: 136365

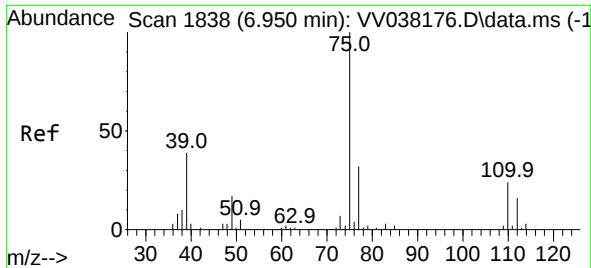
Ion Ratio Lower Upper

83 100

85 61.5 43.9 81.5

127 8.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.409 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

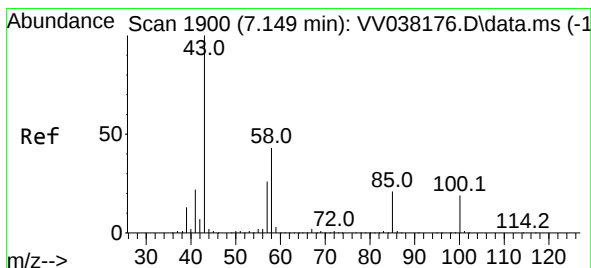
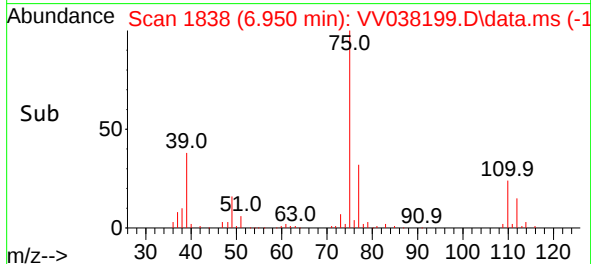
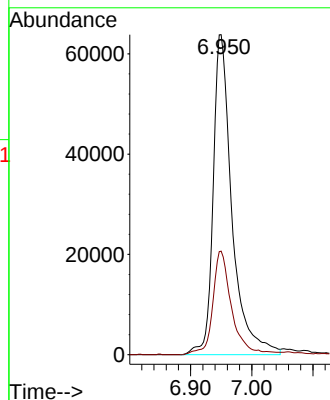
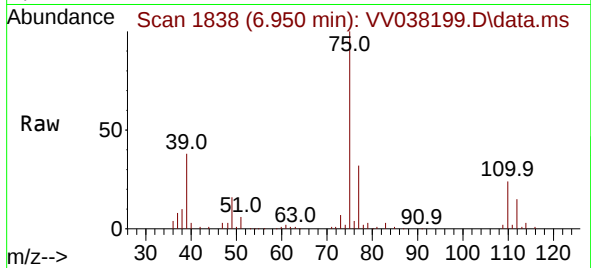
ClientSampleId :

Tgt Ion: 75 Resp: 136354

Ion Ratio Lower Upper

75 100

77 32.3 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 58.570 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

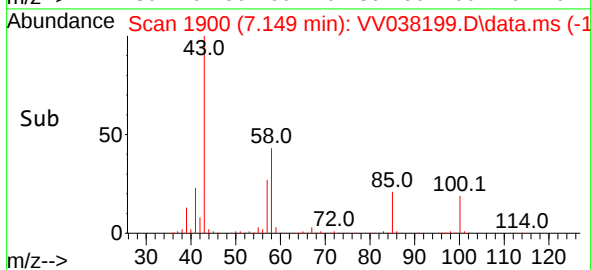
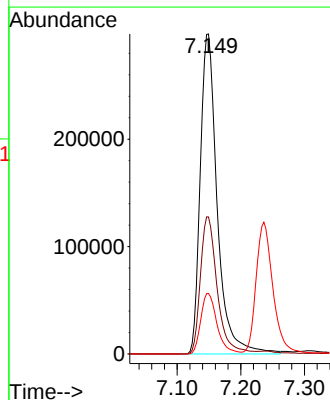
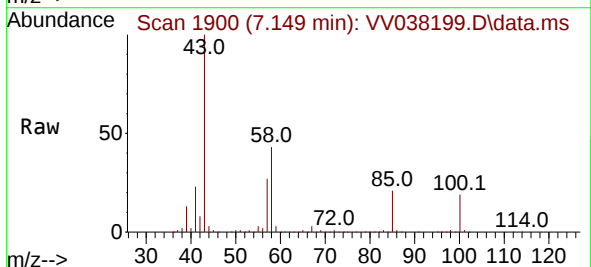
Tgt Ion: 43 Resp: 553607

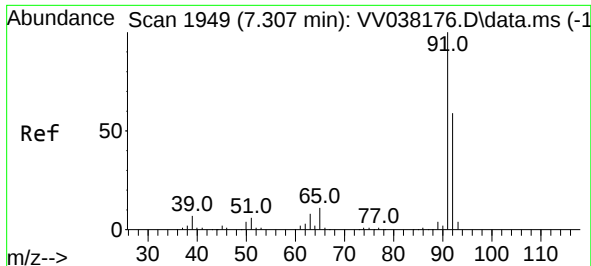
Ion Ratio Lower Upper

43 100

58 42.4 33.4 50.2

100 18.1 14.3 21.5

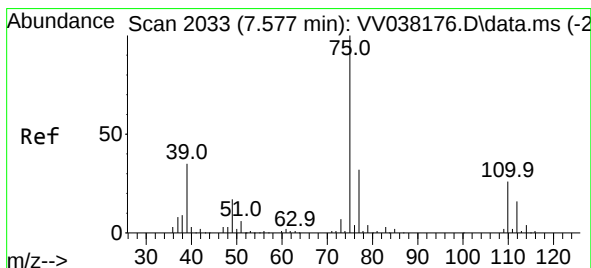
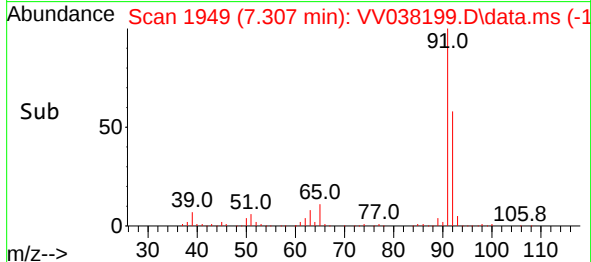
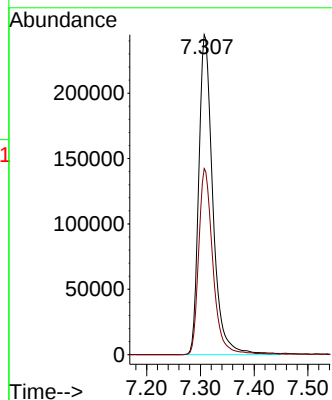
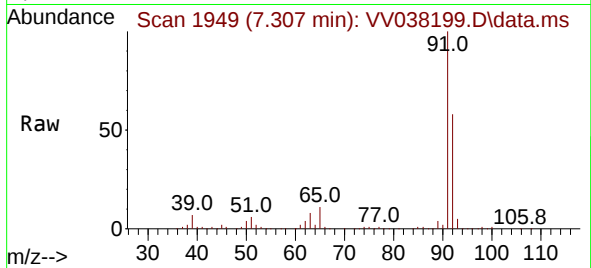




#42
Toluene
Concen: 5.830 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

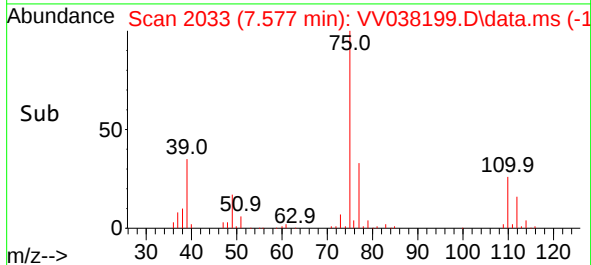
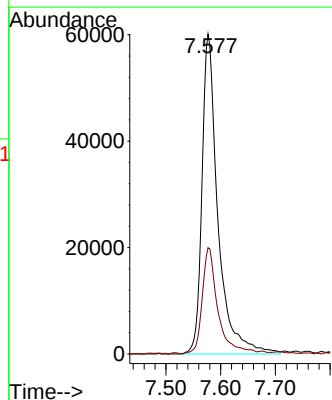
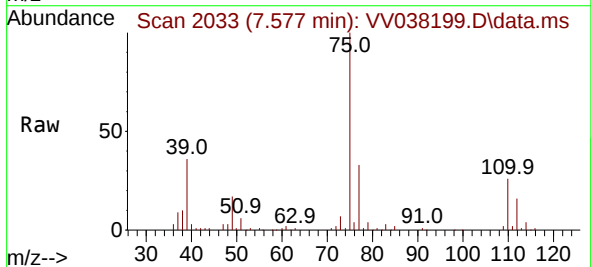
Instrument :
MSVOA_V
ClientSampleId :

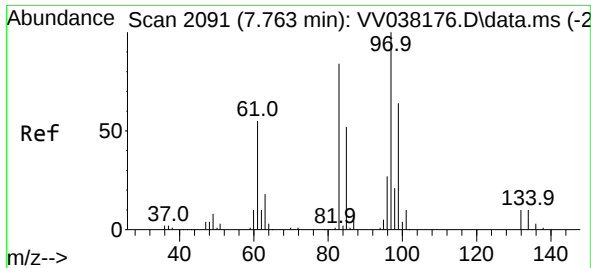
Tgt Ion: 91 Resp: 445128
Ion Ratio Lower Upper
91 100
92 58.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.713 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion: 75 Resp: 121674
Ion Ratio Lower Upper
75 100
77 33.2 23.4 43.4

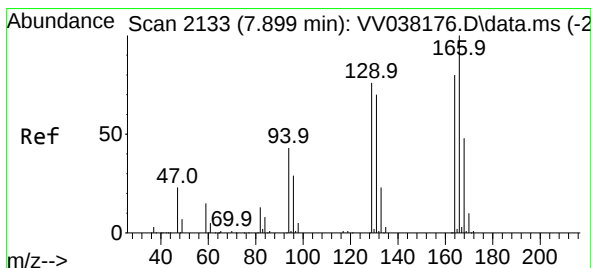
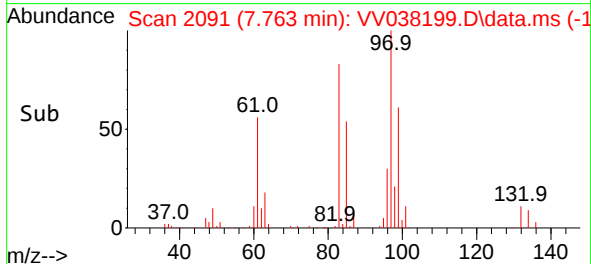
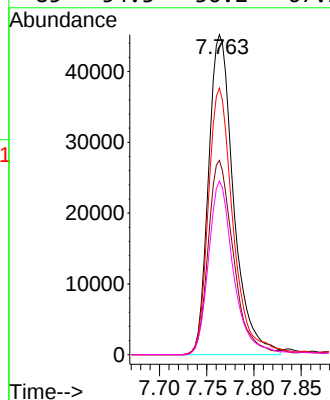
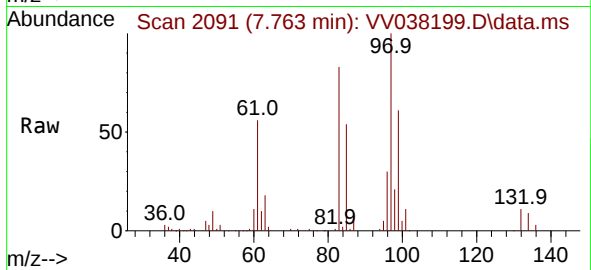




#45
1,1,2-Trichloroethane
Concen: 5.698 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

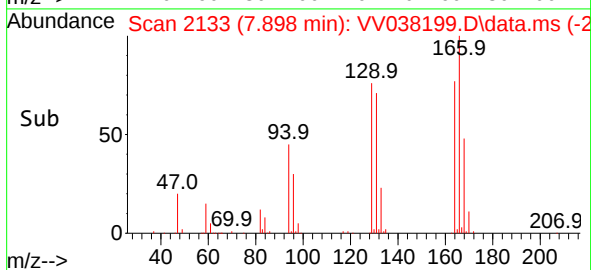
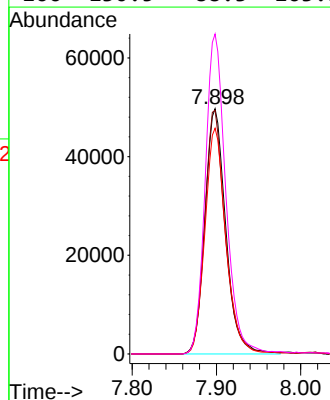
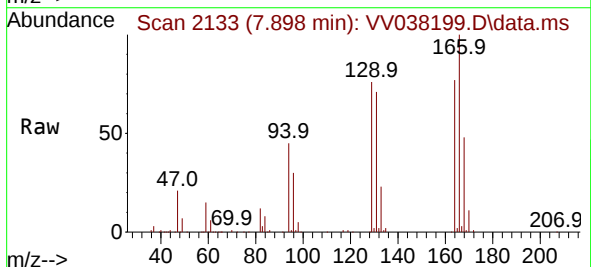
Instrument :
MSVOA_V
ClientSampleId :

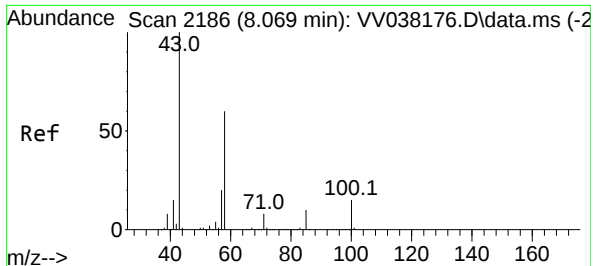
Tgt Ion:	97	Resp:	83447
Ion	Ratio	Lower	Upper
97	100		
99	60.7	41.9	77.7
83	83.3	57.7	107.1
85	54.3	36.2	67.2



#47
Tetrachloroethene
Concen: 5.431 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

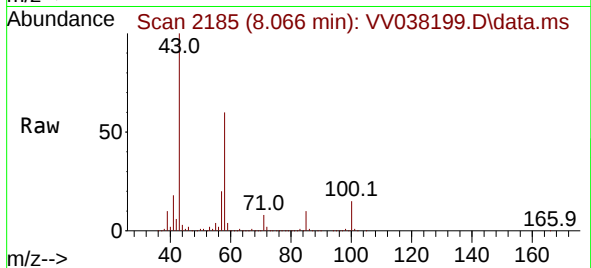
Tgt Ion:	164	Resp:	85767
Ion	Ratio	Lower	Upper
164	100		
129	99.4	68.5	127.1
131	92.1	64.8	120.4
166	130.5	88.3	163.9



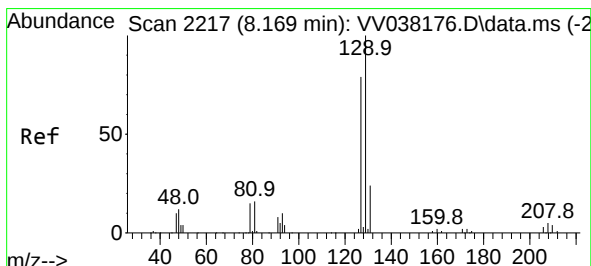
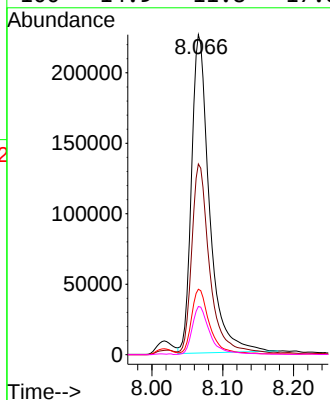
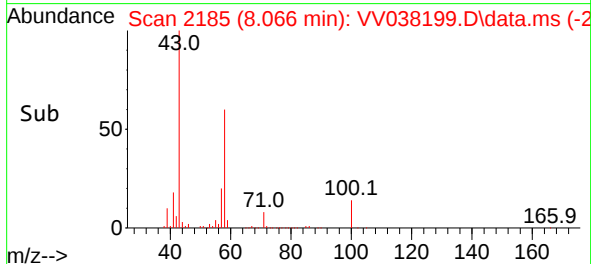


#48
2-Hexanone
Concen: 58.034 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Instrument :
MSVOA_V
ClientSampleId :

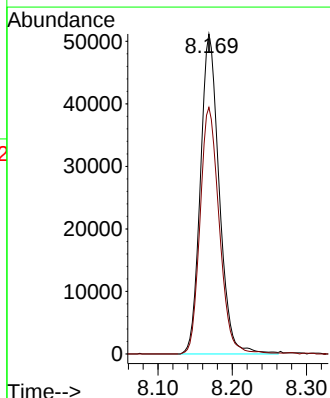
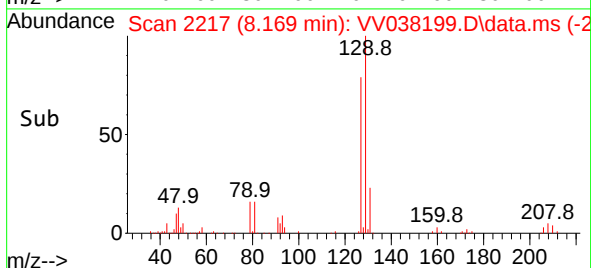
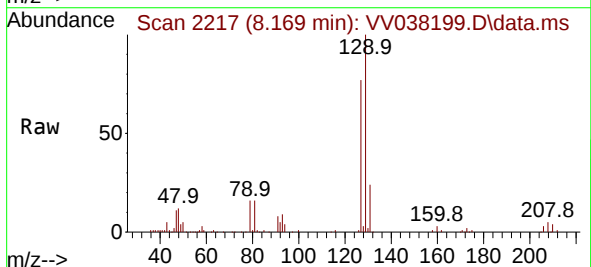


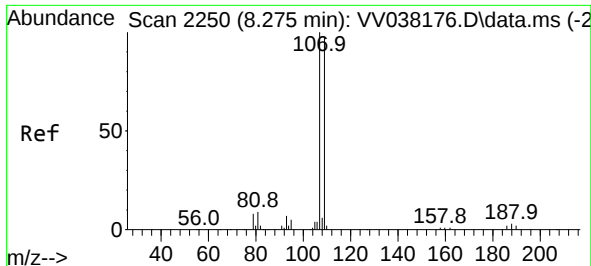
Tgt Ion: 43 Resp: 397774
Ion Ratio Lower Upper
43 100
58 59.0 49.2 73.8
57 19.9 16.9 25.3
100 14.9 11.8 17.8



#49
Dibromochloromethane
Concen: 5.634 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

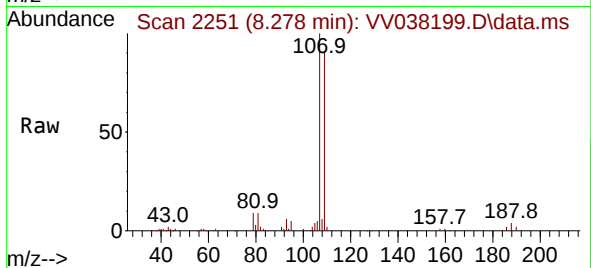
Tgt Ion: 129 Resp: 89969
Ion Ratio Lower Upper
129 100
127 77.0 53.5 99.3



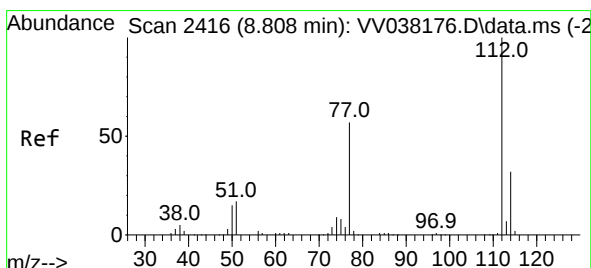
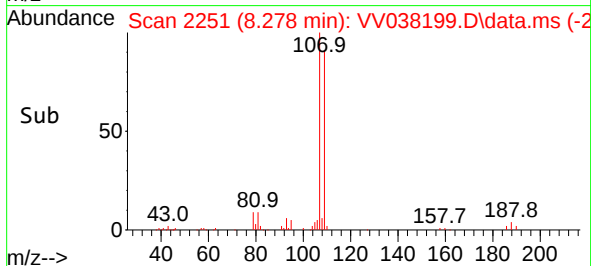
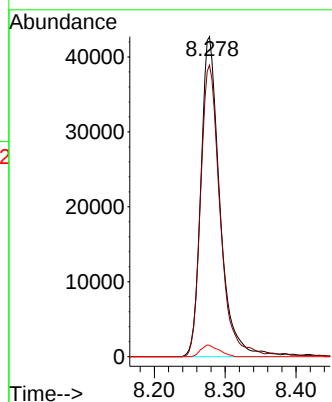


#50
1,2-Dibromoethane
Concen: 5.850 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Instrument :
MSVOA_V
ClientSampleId :

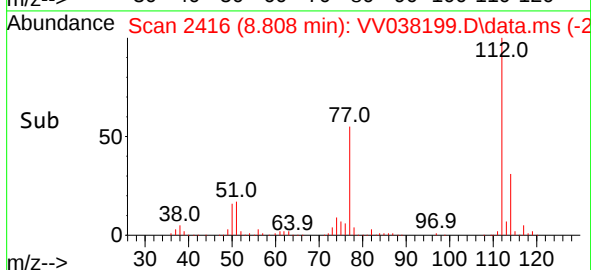
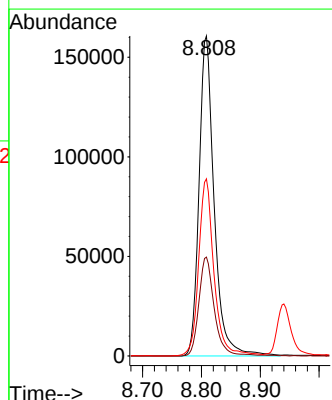
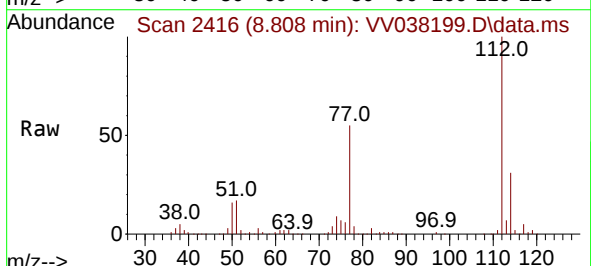


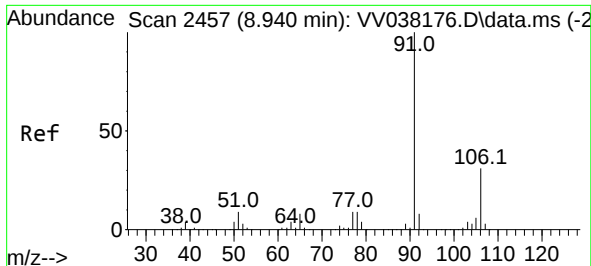
Tgt Ion:107 Resp: 79431
Ion Ratio Lower Upper
107 100
109 91.1 66.1 122.7
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 5.440 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion:112 Resp: 286212
Ion Ratio Lower Upper
112 100
114 30.9 22.0 40.8
77 55.4 45.0 67.4





#52

Ethylbenzene

Concen: 5.475 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

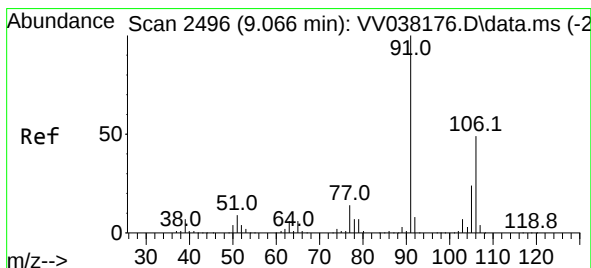
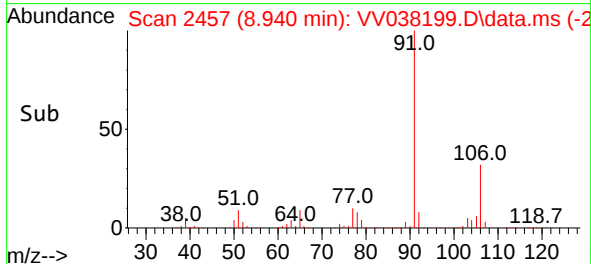
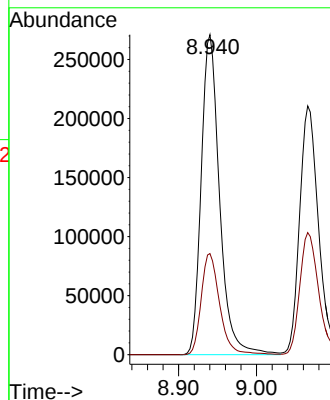
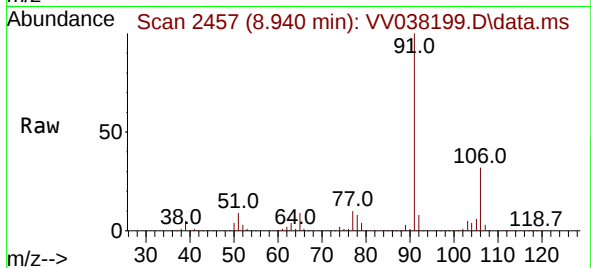
ClientSampleId :

Tgt Ion: 91 Resp: 443489

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.4



#53

m,p-Xylene

Concen: 5.770 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV038199.D

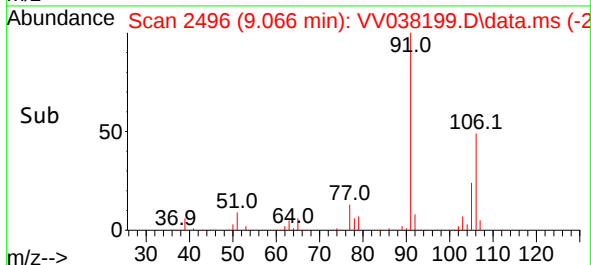
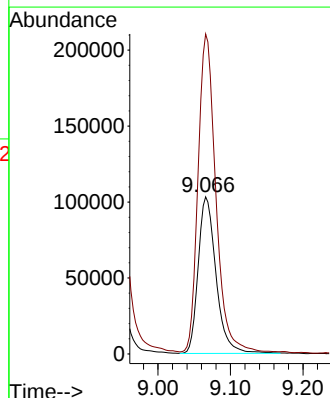
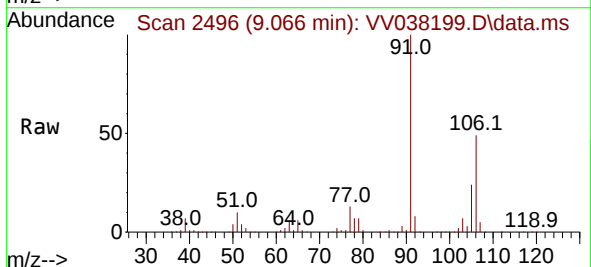
Acq: 20 Nov 2024 00:14

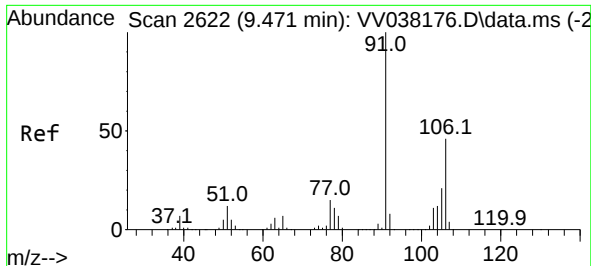
Tgt Ion:106 Resp: 176377

Ion Ratio Lower Upper

106 100

91 203.6 138.7 257.5

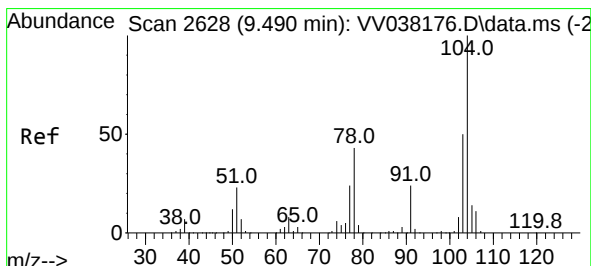
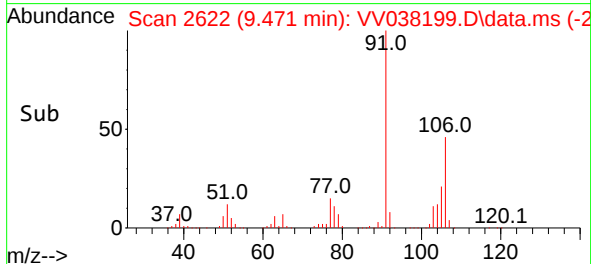
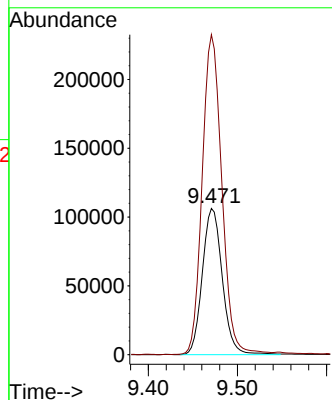
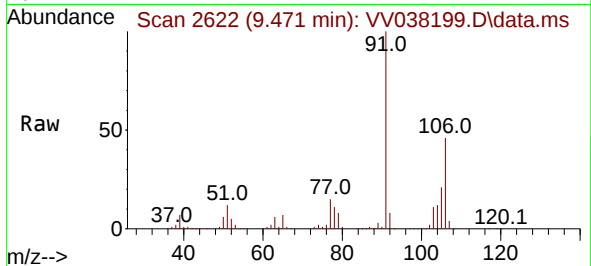




#54
o-Xylene
Concen: 5.569 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

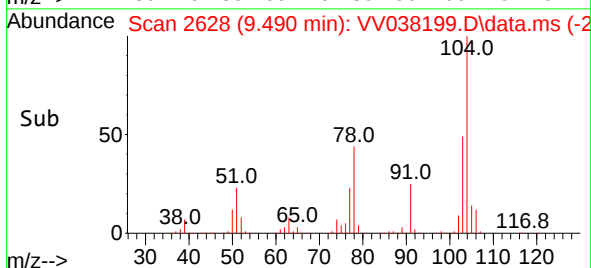
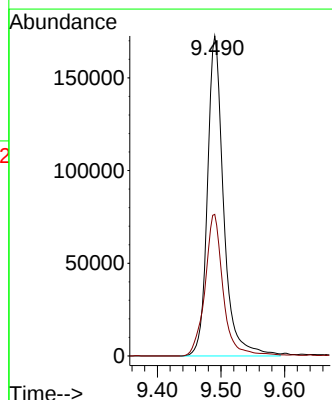
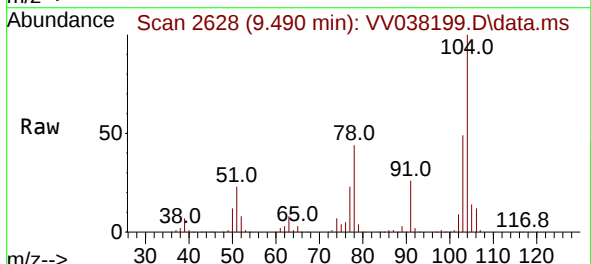
Instrument :
MSVOA_V
ClientSampleId :

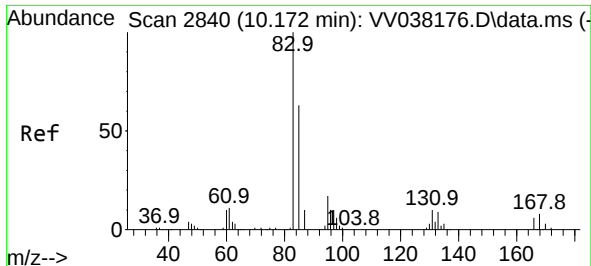
Tgt Ion:106 Resp: 165718
Ion Ratio Lower Upper
106 100
91 218.7 155.5 288.7



#55
Styrene
Concen: 5.813 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion:104 Resp: 304970
Ion Ratio Lower Upper
104 100
78 44.3 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.904 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :

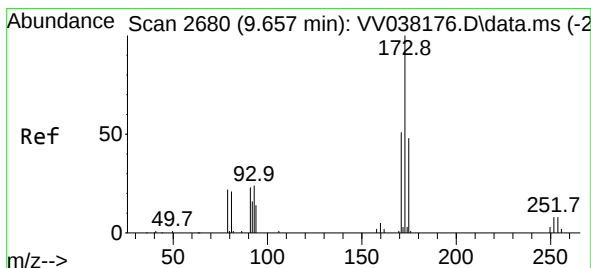
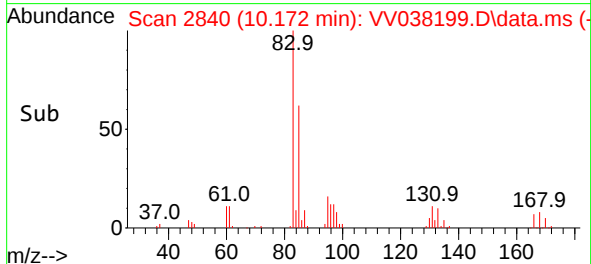
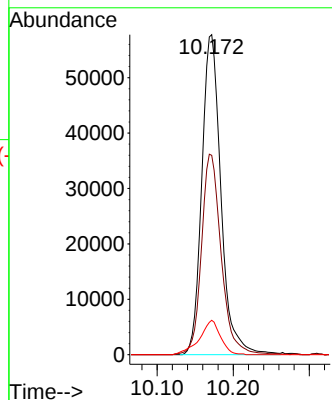
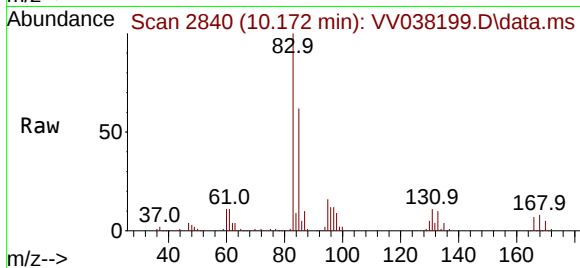
Tgt Ion: 83 Resp: 101113

Ion Ratio Lower Upper

83 100

85 62.3 45.7 84.9

131 10.7 8.2 12.4



#59

Bromoform

Concen: 5.480 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

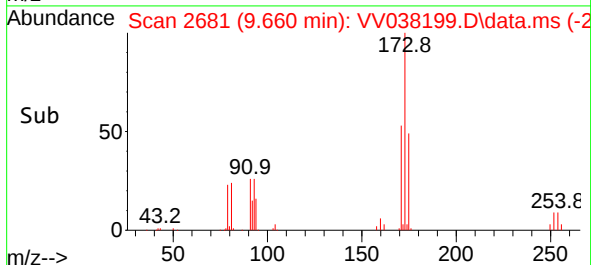
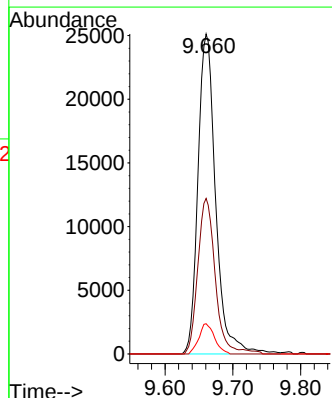
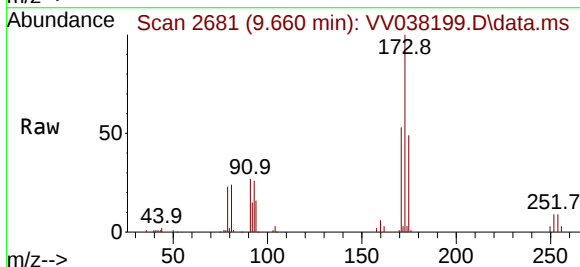
Tgt Ion: 173 Resp: 45520

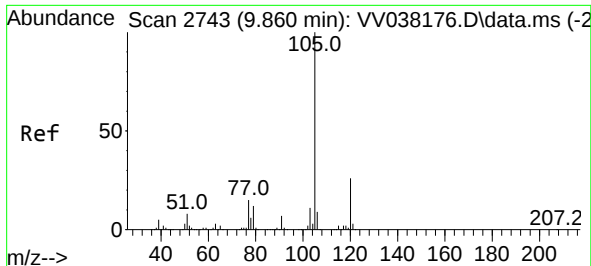
Ion Ratio Lower Upper

173 100

175 47.0 38.5 57.7

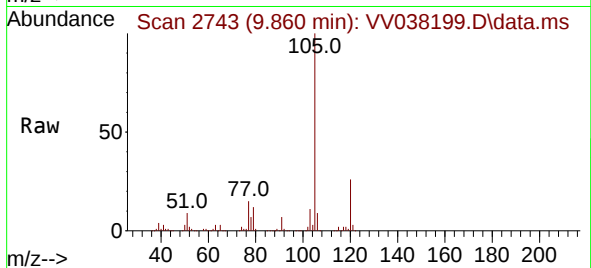
254 8.4 6.9 10.3



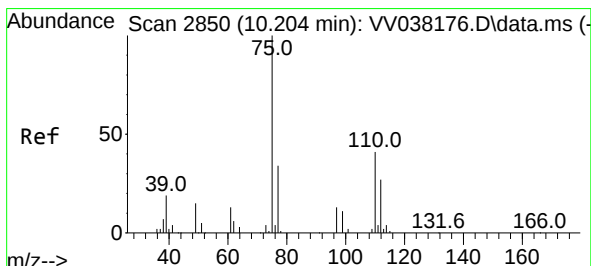
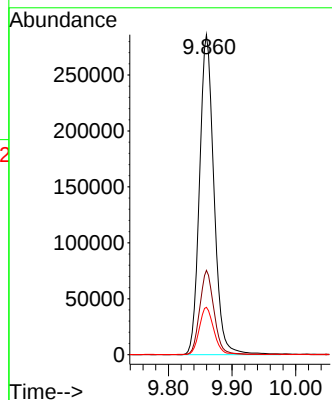
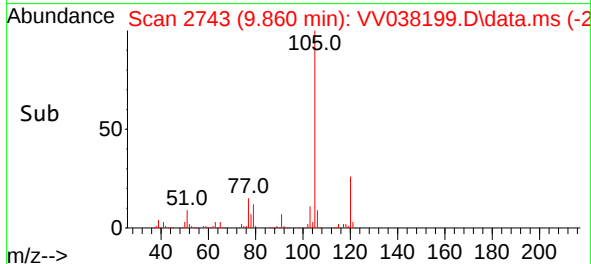


#60
Isopropylbenzene
Concen: 5.478 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

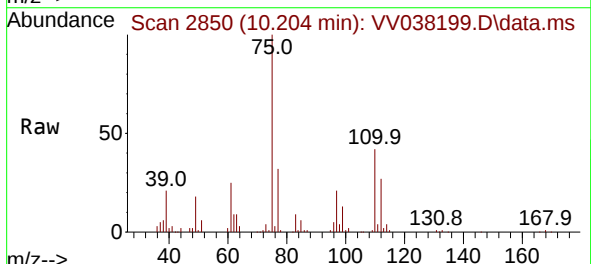
Instrument :
MSVOA_V
ClientSampleId :



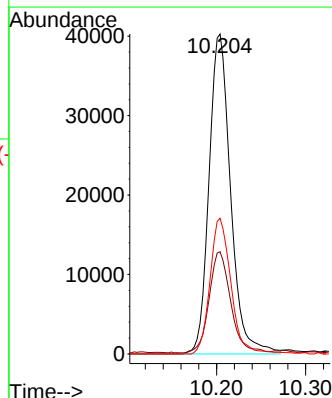
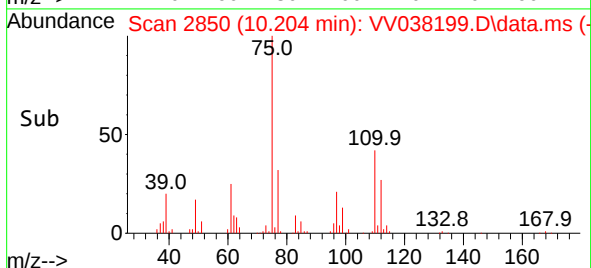
Tgt Ion:105 Resp: 450360
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 14.9 12.2 18.2

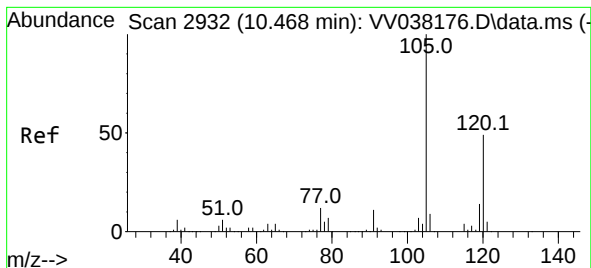


#61
1,2,3-Trichloropropane
Concen: 5.551 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14



Tgt Ion: 75 Resp: 67840
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
110 41.1 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 5.258 ug/L

RT: 10.467 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

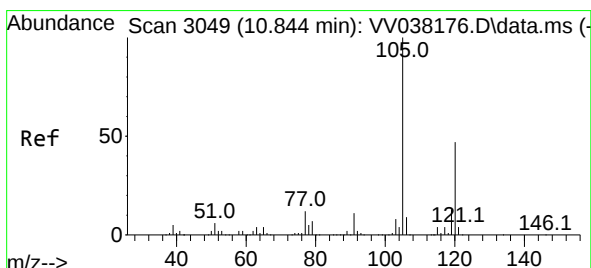
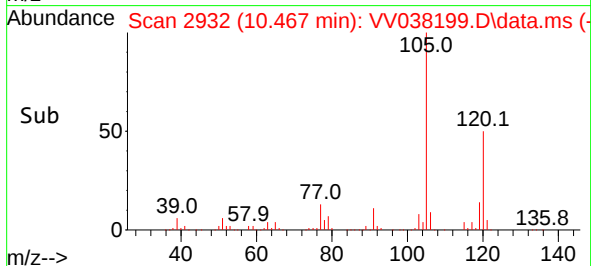
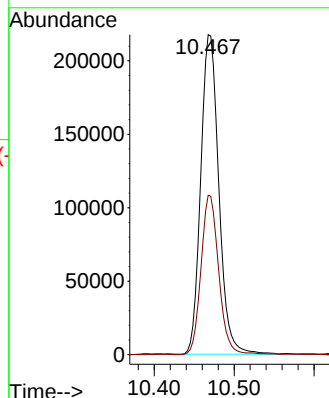
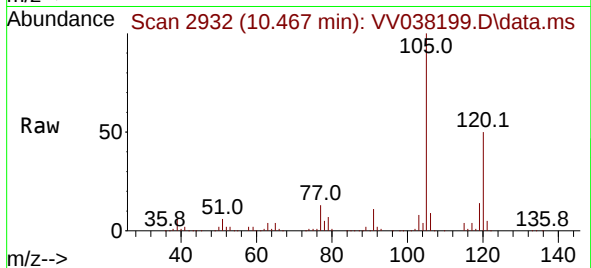
ClientSampleId :

Tgt Ion:105 Resp: 343028

Ion Ratio Lower Upper

105 100

120 49.0 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 5.407 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038199.D

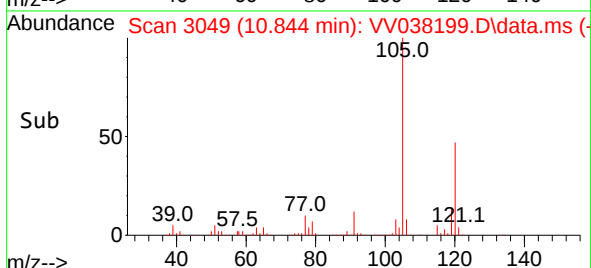
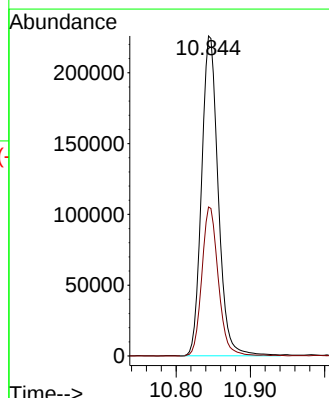
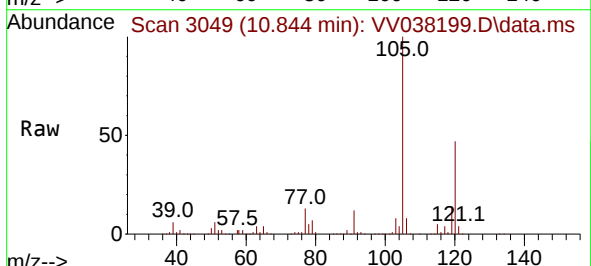
Acq: 20 Nov 2024 00:14

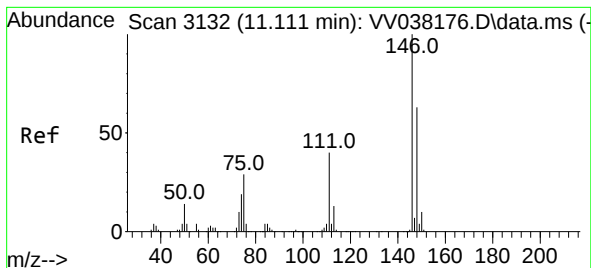
Tgt Ion:105 Resp: 351779

Ion Ratio Lower Upper

105 100

120 46.0 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 5.382 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :

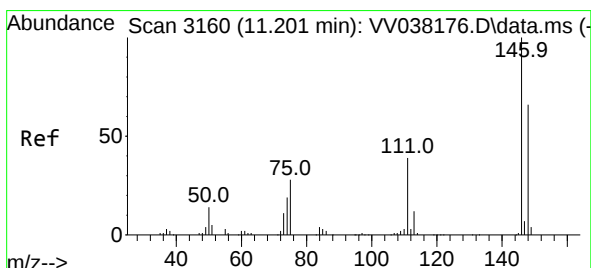
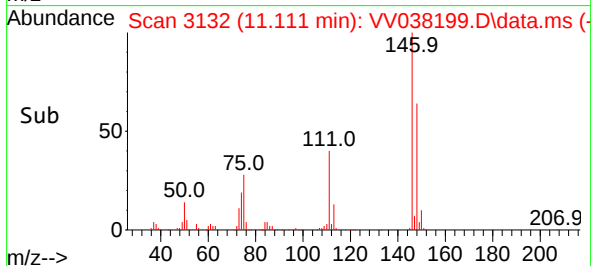
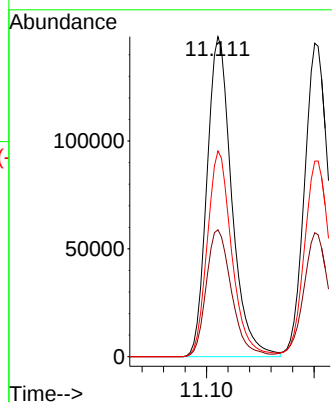
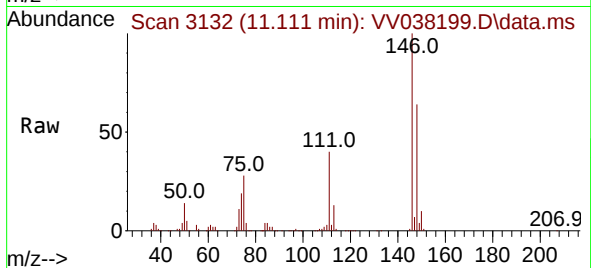
Tgt Ion:146 Resp: 237573

Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 64.3 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 5.389 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

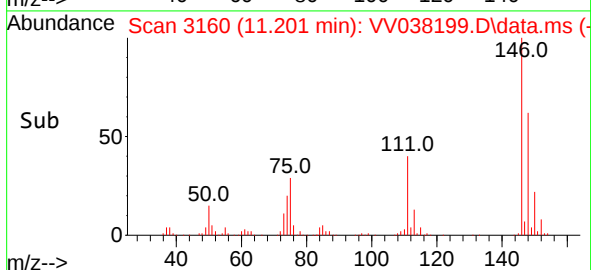
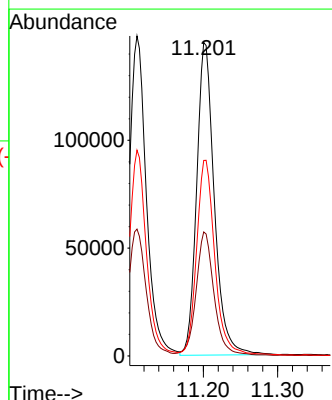
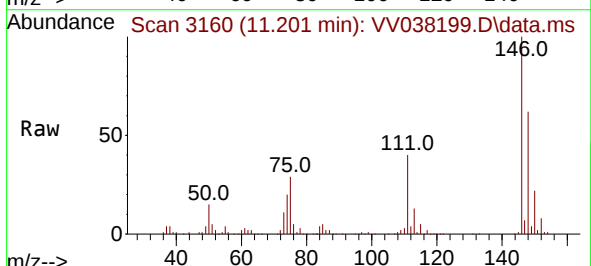
Tgt Ion:146 Resp: 240484

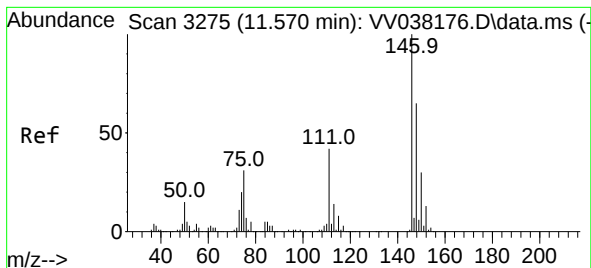
Ion Ratio Lower Upper

146 100

111 39.6 27.4 50.8

148 62.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.454 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :

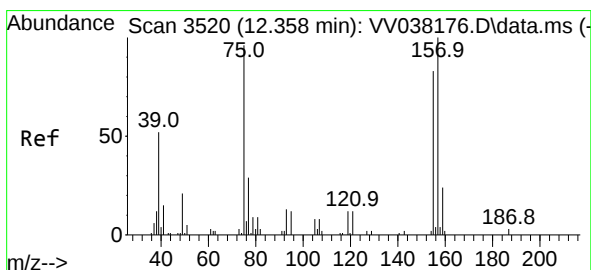
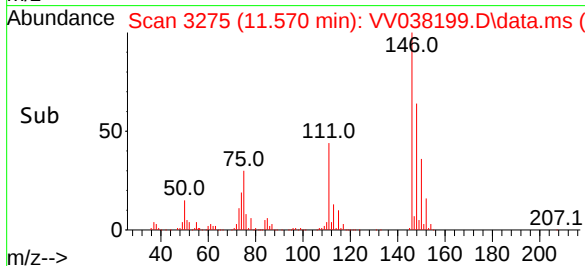
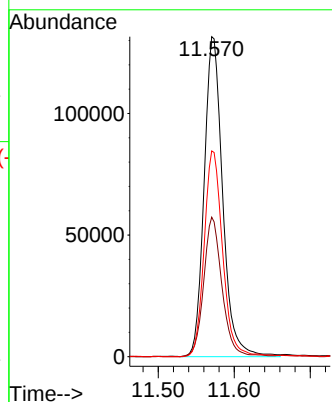
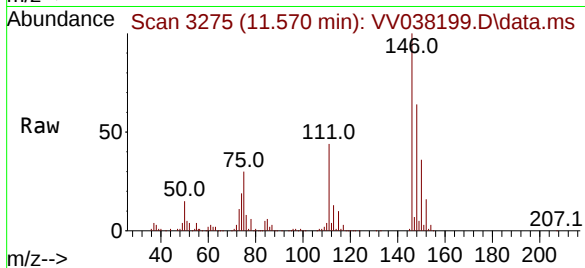
Tgt Ion:146 Resp: 222859

Ion Ratio Lower Upper

146 100

111 43.6 34.2 51.2

148 64.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.377 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

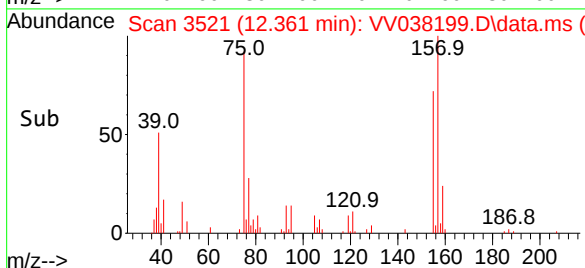
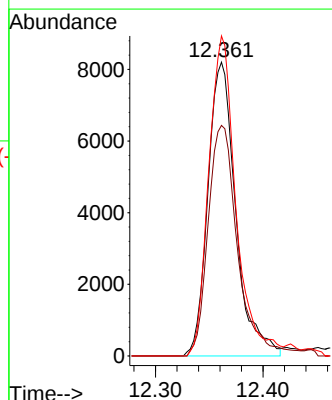
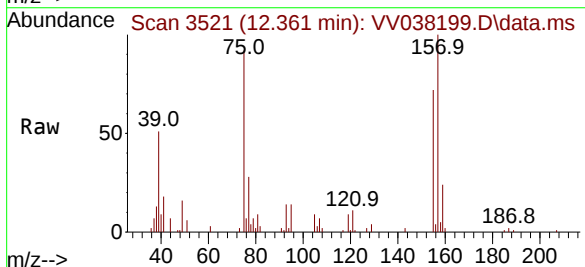
Tgt Ion: 75 Resp: 14751

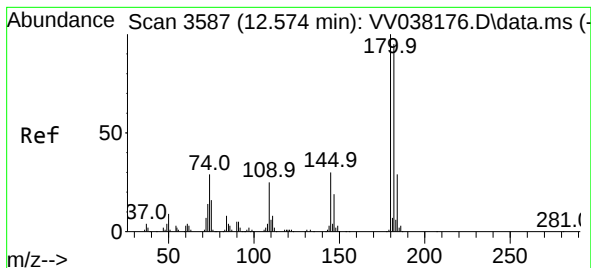
Ion Ratio Lower Upper

75 100

155 78.5 67.5 101.3

157 108.9 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.982 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

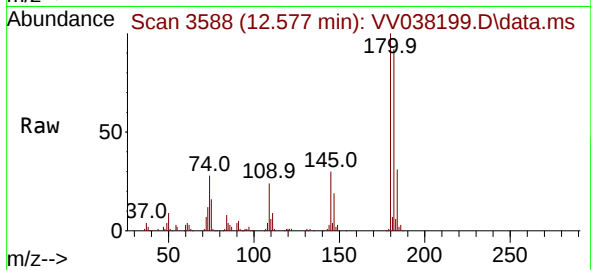
Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 155781

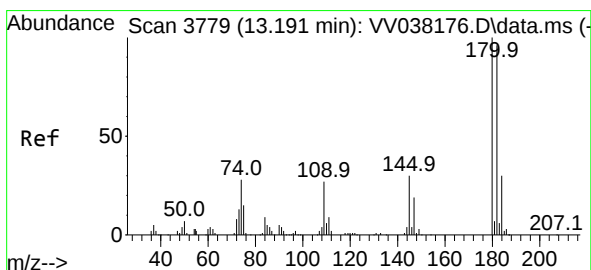
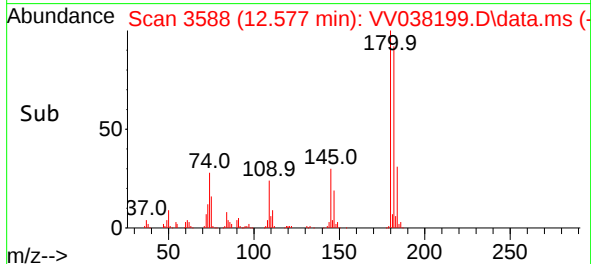
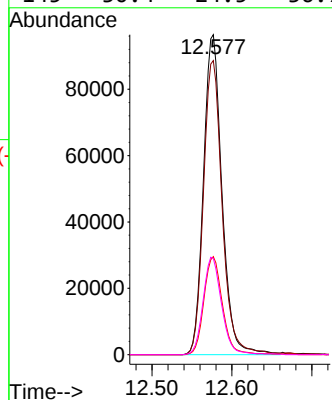
Ion Ratio Lower Upper

180 100

182 93.0 76.0 114.0

184 30.5 23.7 35.5

145 30.4 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.058 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038199.D

Acq: 20 Nov 2024 00:14

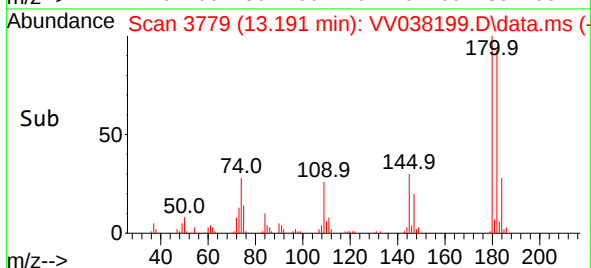
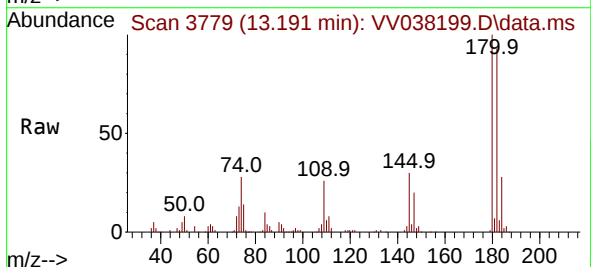
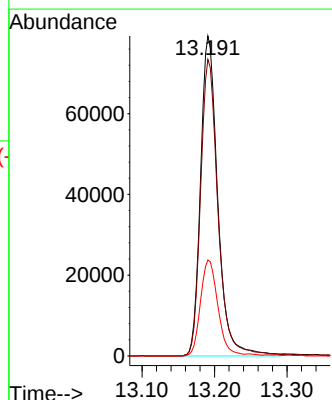
Tgt Ion:180 Resp: 130755

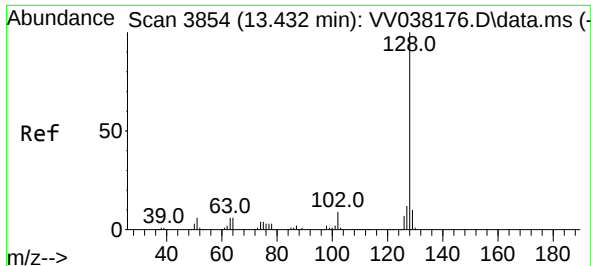
Ion Ratio Lower Upper

180 100

182 93.6 73.8 110.8

145 30.2 24.6 37.0

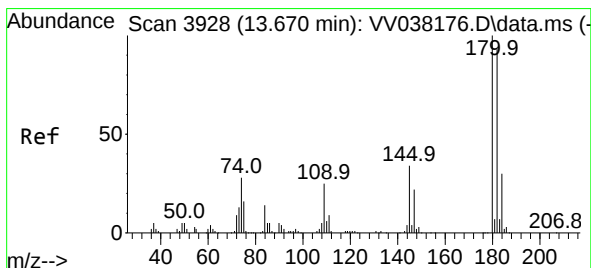
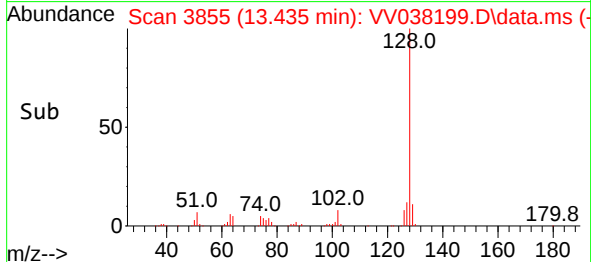
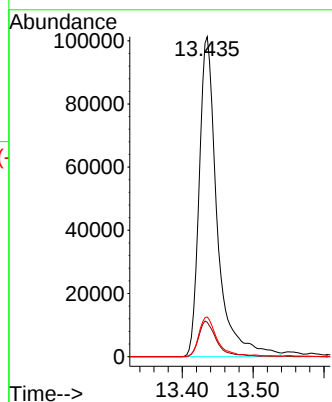
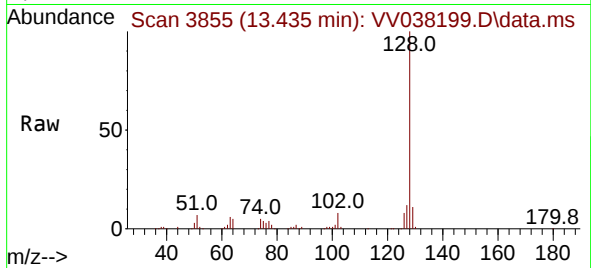




#71
Naphthalene
Concen: 4.443 ug/L
RT: 13.435 min Scan# 3854
Delta R.T. 0.003 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 178662
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 12.5 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.050 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.003 min
Lab File: VV038199.D
Acq: 20 Nov 2024 00:14

Tgt Ion:180 Resp: 120602
Ion Ratio Lower Upper
180 100
182 95.4 75.1 112.7
145 33.0 27.0 40.4

