

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112724\
 Data File : VV038378.D
 Acq On : 27 Nov 2024 08:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 28 00:20:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	241638	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	260968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	139774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	59826	3.230	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.529	69	60376	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.053	65	29465	3.697	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.799	46	167934	45.325	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.660%
24) Chloroform-d	4.236	84	161504	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.934	65	71654	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.950	84	275971	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.979	67	86648	4.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.233	98	255019	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.551	79	31388	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.021	63	116082	38.700	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.400%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	75791	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	95513	4.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	101917	4.458	ug/L	98
3) Chloromethane	1.214	50	96899	4.922	ug/L	98
5) Vinyl chloride	1.282	62	100398	4.501	ug/L	96
6) Bromomethane	1.484	94	56828	6.534	ug/L	100
8) Chloroethane	1.548	64	65961	4.640	ug/L	100
9) Trichlorofluoromethane	1.709	101	141686	4.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	87481	4.829	ug/L	96
12) 1,1-Dichloroethene	2.066	96	75289	4.362	ug/L	84
13) Acetone	2.134	43	119747	43.699	ug/L	100
14) Carbon disulfide	2.237	76	229041	4.120	ug/L	99
15) Methyl Acetate	2.384	43	27237	4.093	ug/L #	87
16) Methylene chloride	2.439	84	87764	4.459	ug/L	94
17) Methyl tert-butyl Ether	2.696	73	160740	4.119	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	80286	4.416	ug/L	97
19) 1,1-Dichloroethane	3.105	63	156658	4.747	ug/L	99
21) 2-Butanone	3.883	43	156285	39.738	ug/L	100
22) cis-1,2-Dichloroethene	3.802	96	82653	4.397	ug/L	97
23) Bromochloromethane	4.143	128	41162	4.484	ug/L	96
25) Chloroform	4.262	83	167268	4.737	ug/L	97

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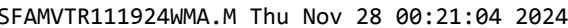
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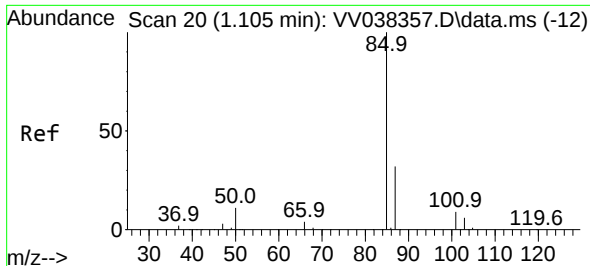
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	89084	4.637	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	143905	4.598	ug/L	98
30) Cyclohexane	4.568	56	107580	4.144	ug/L	98
31) Carbon tetrachloride	4.722	117	124014	4.491	ug/L	99
33) Benzene	4.998	78	332161	4.531	ug/L	100
34) Trichloroethene	5.825	95	86850	4.346	ug/L	98
35) Methylcyclohexane	6.037	83	114459	4.049	ug/L	96
37) 1,2-Dichloropropane	6.082	63	87906	4.787	ug/L	99
38) Bromodichloromethane	6.423	83	113821	4.612	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	108649	4.239	ug/L	95
40) 4-Methyl-2-pentanone	7.149	43	411765	42.847	ug/L	96
42) Toluene	7.307	91	360753	4.647	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	96023	4.435	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	64363	4.322	ug/L	99
47) Tetrachloroethene	7.895	164	67754	4.220	ug/L	100
48) 2-Hexanone	8.069	43	301903	43.322	ug/L	95
49) Dibromochloromethane	8.166	129	73473	4.526	ug/L	97
50) 1,2-Dibromoethane	8.275	107	57963	4.199	ug/L	98
51) Chlorobenzene	8.805	112	234661	4.387	ug/L	100
52) Ethylbenzene	8.937	91	356093	4.324	ug/L	99
53) m,p-Xylene	9.063	106	140425	4.518	ug/L	97
54) o-Xylene	9.468	106	129561	4.282	ug/L	95
55) Styrene	9.487	104	237292	4.449	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	73811	4.239	ug/L	97
59) Bromoform	9.657	173	36780	4.521	ug/L	98
60) Isopropylbenzene	9.857	105	359013	4.459	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	51203	4.279	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	262690	4.112	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	268421	4.214	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	192116	4.444	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	195950	4.484	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	174111	4.352	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	9797	3.647	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	127698	4.170	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	91577	3.618	ug/L	99
71) Naphthalene	13.435	128	106534	2.706	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	79104	3.382	ug/L	99

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

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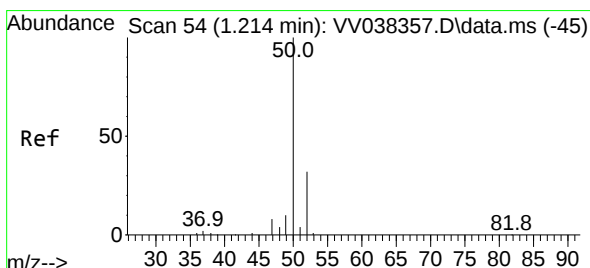
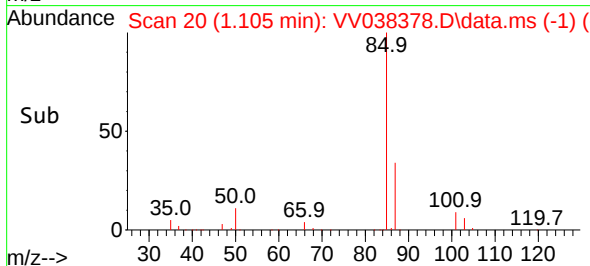
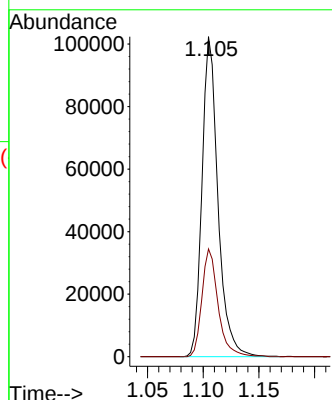
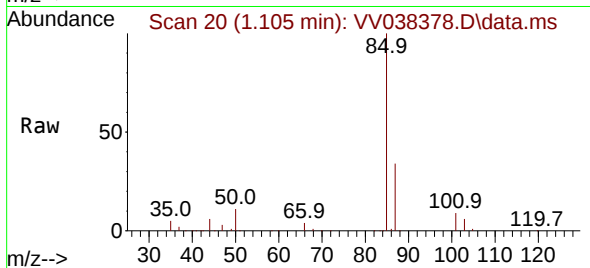




#2
 Dichlorodifluoromethane
 Concen: 4.458 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

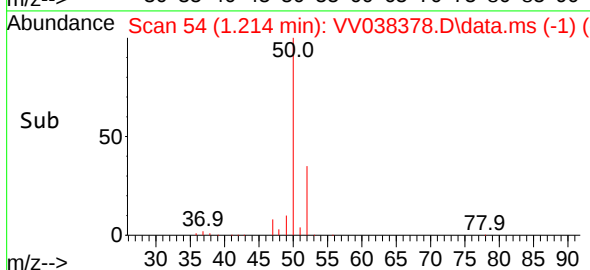
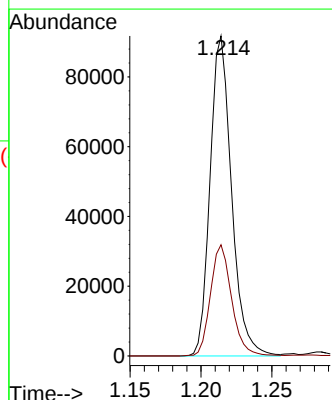
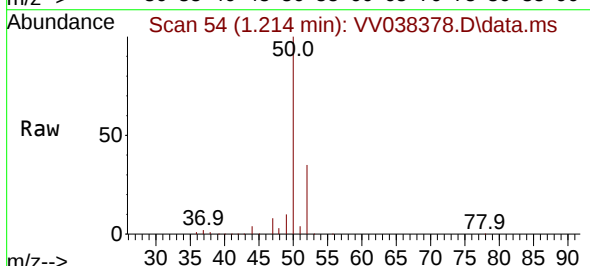
Instrument :
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 ClientSampleId :

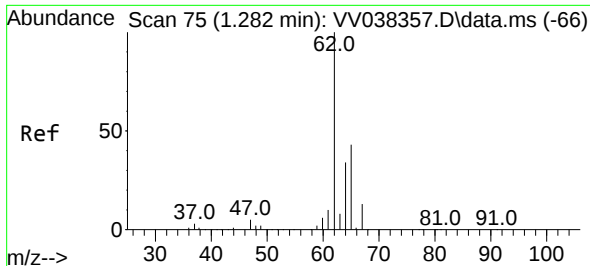
Tgt Ion: 85 Resp: 101917
 Ion Ratio Lower Upper
 85 100
 87 34.2 26.5 39.7



#3
 Chloromethane
 Concen: 4.922 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

Tgt Ion: 50 Resp: 96899
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.5 43.7

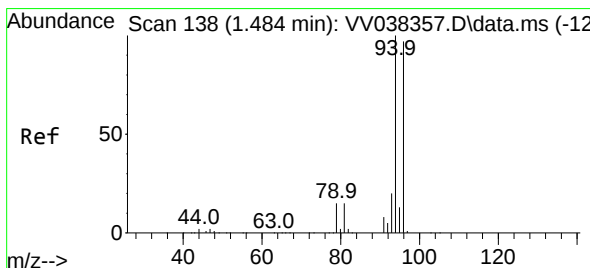
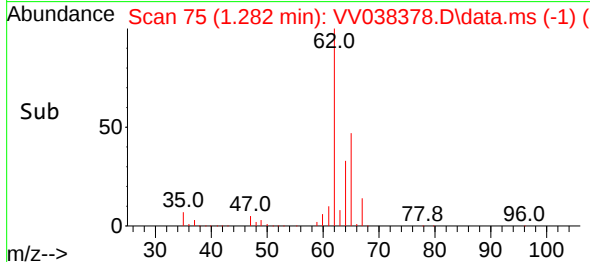
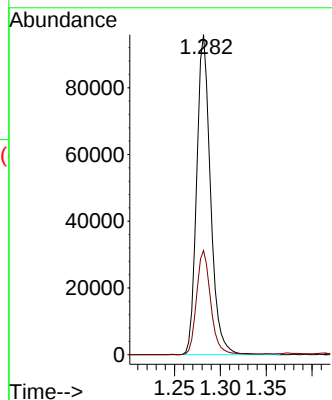
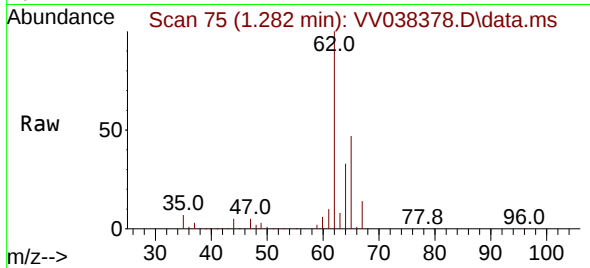




#5
 Vinyl chloride
 Concen: 4.501 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

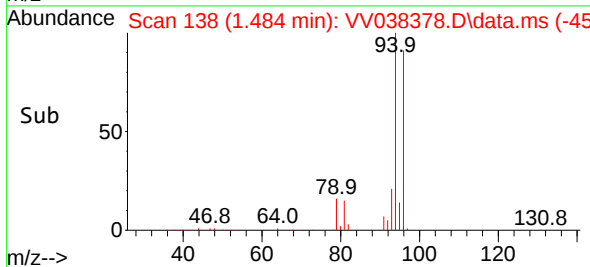
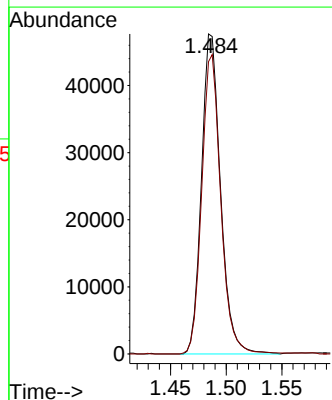
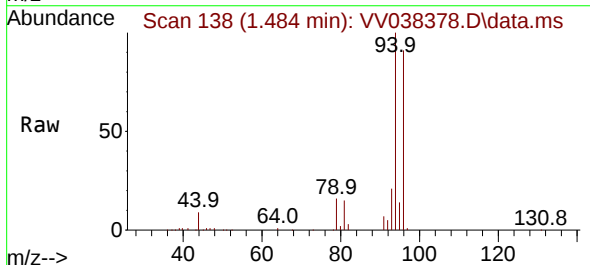
Instrument :
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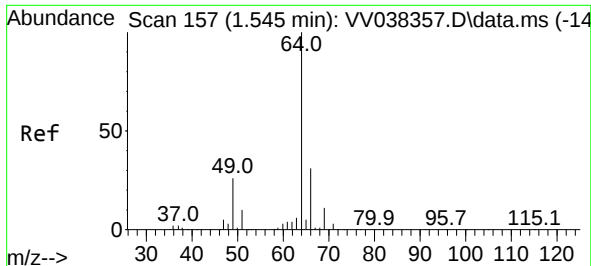
Tgt Ion: 62 Resp: 100398
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.4 45.4



#6
 Bromomethane
 Concen: 6.534 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

Tgt Ion: 94 Resp: 56828
 Ion Ratio Lower Upper
 94 100
 96 91.4 63.7 118.3

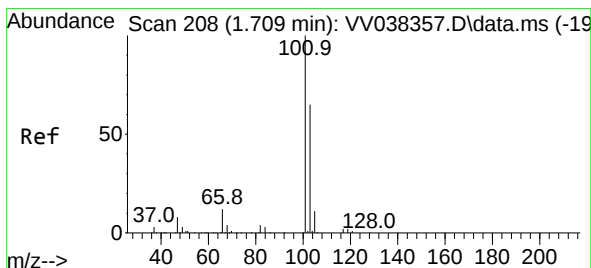
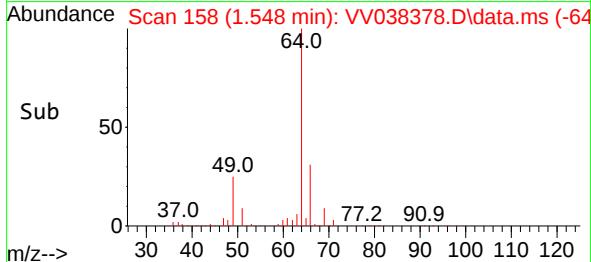
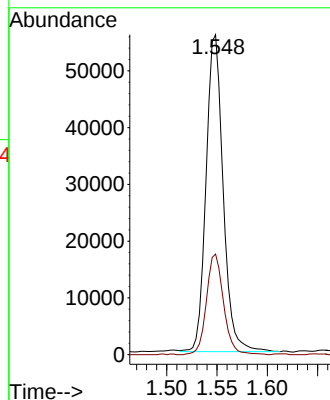
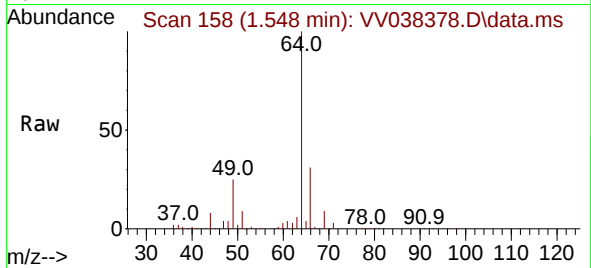




#8
Chloroethane
Concen: 4.640 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

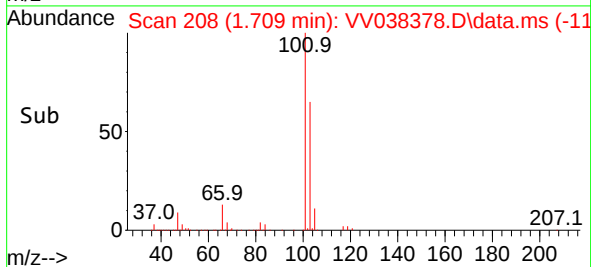
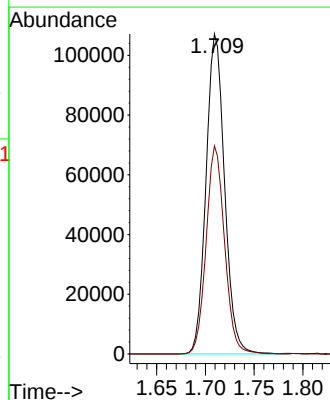
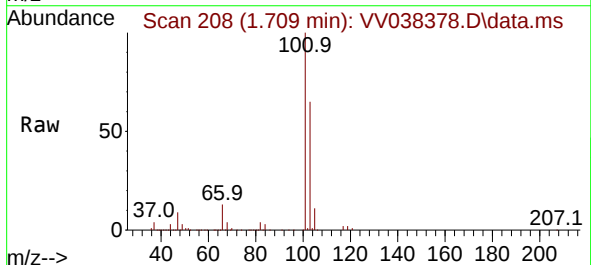
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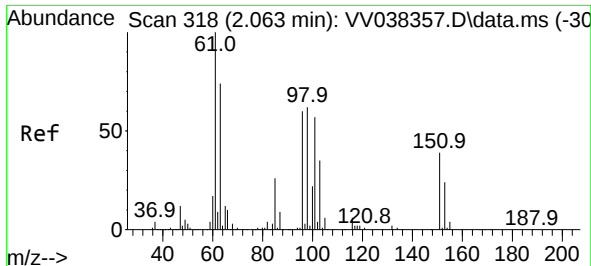
Tgt Ion: 64 Resp: 65961
Ion Ratio Lower Upper
64 100
66 31.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.463 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion:101 Resp: 141686
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

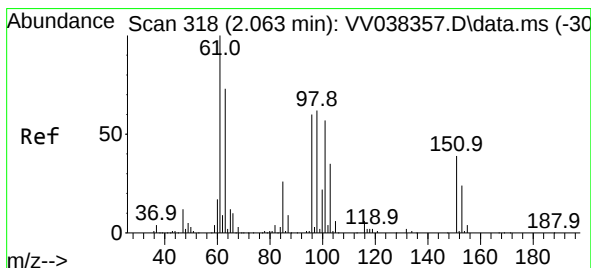
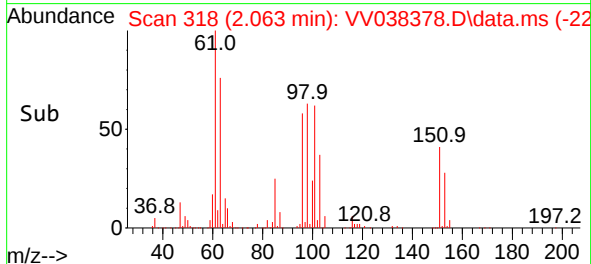
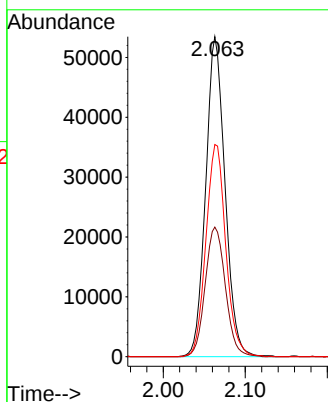
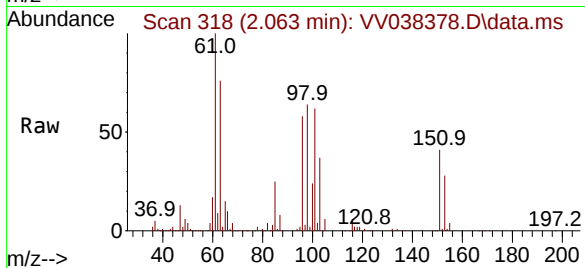




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.829 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

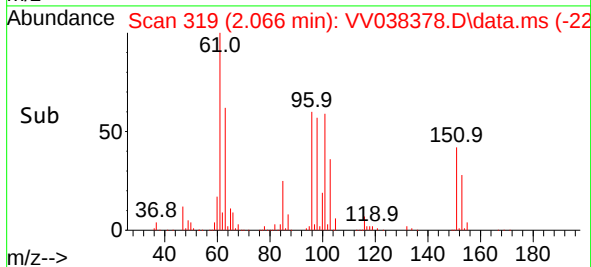
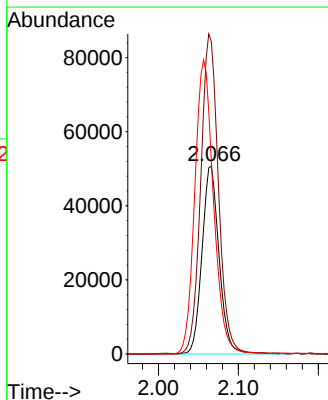
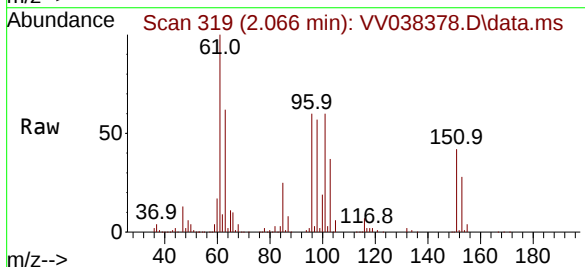
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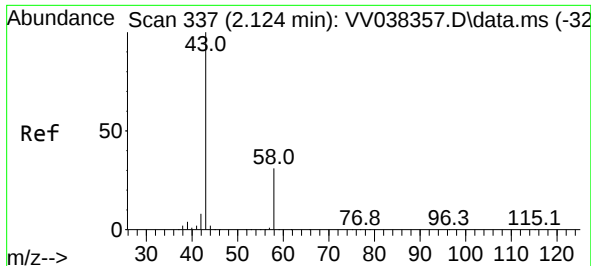
Tgt Ion:101 Resp: 87481
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.4 50.0
 151 68.3 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.362 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

Tgt Ion: 96 Resp: 75289
 Ion Ratio Lower Upper
 96 100
 61 166.3 115.7 214.9
 63 102.8 101.1 187.7





#13

Acetone

Concen: 43.699 ug/L

RT: 2.134 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

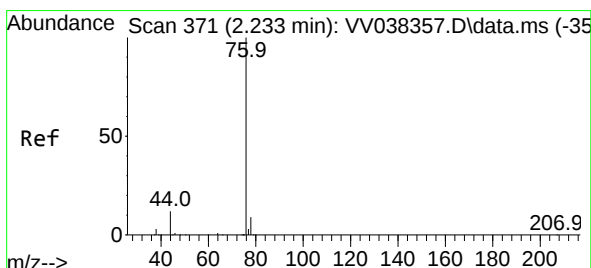
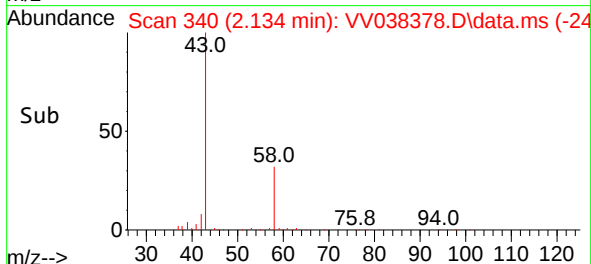
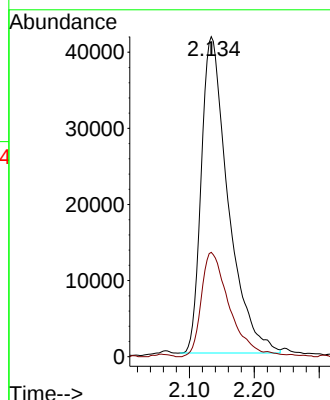
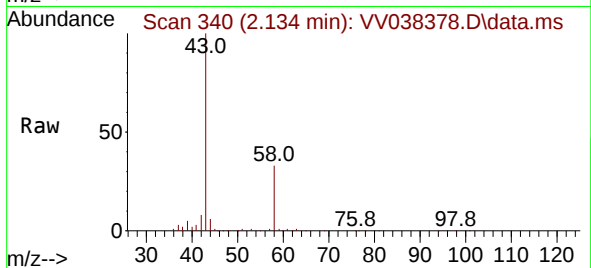
ClientSampleId :

Tgt Ion: 43 Resp: 119747

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.2



#14

Carbon disulfide

Concen: 4.120 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038378.D

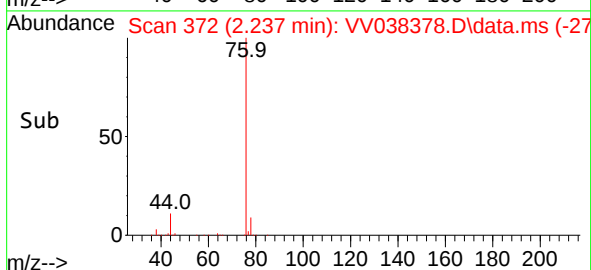
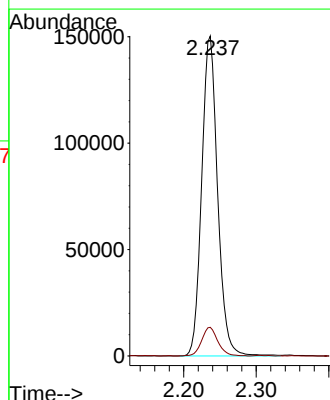
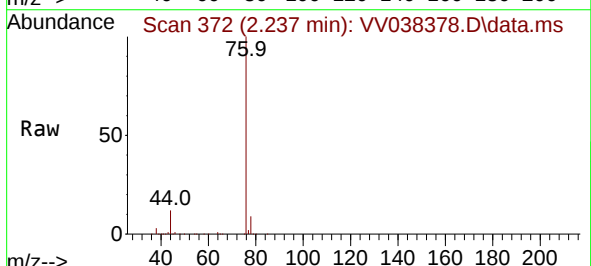
Acq: 27 Nov 2024 08:55

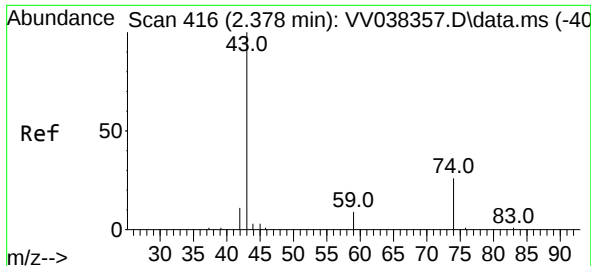
Tgt Ion: 76 Resp: 229041

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

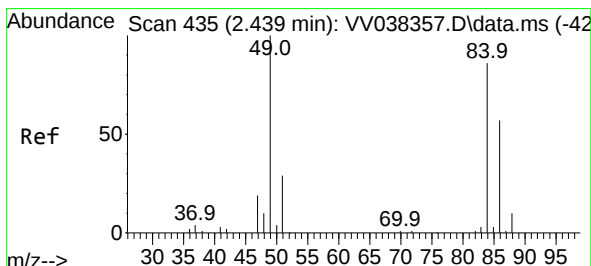
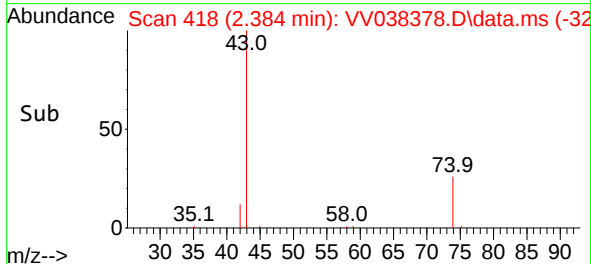
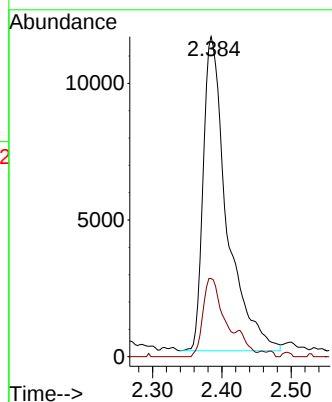
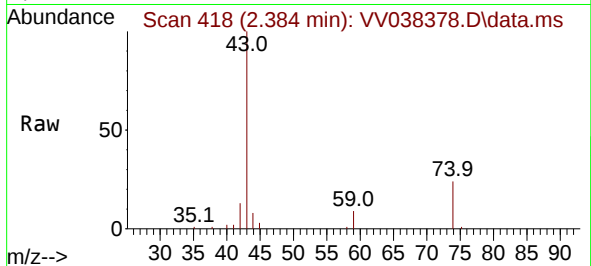




#15
Methyl Acetate
Concen: 4.093 ug/L
RT: 2.384 min Scan# 416
Delta R.T. 0.006 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

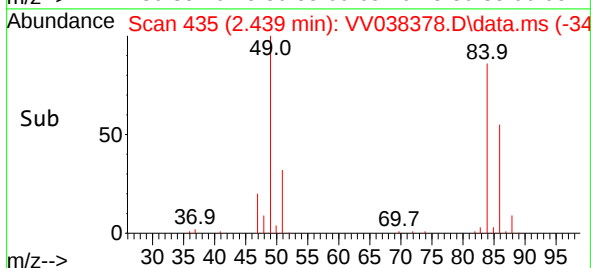
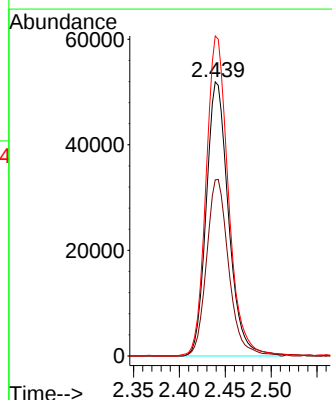
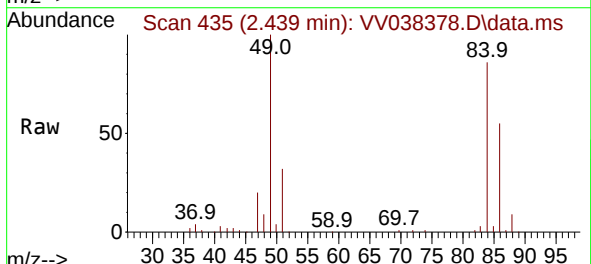
Instrument :
MSVOA_V
ClientSampleId :

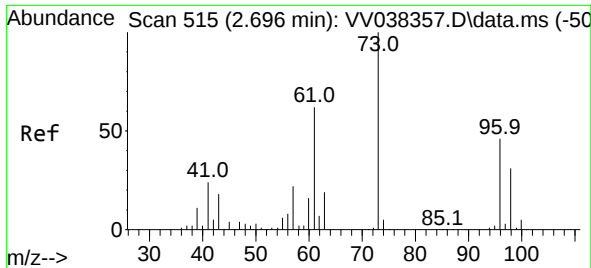
Tgt Ion: 43 Resp: 27237
Ion Ratio Lower Upper
43 100
74 20.9 22.4 33.6#



#16
Methylene chloride
Concen: 4.459 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion: 84 Resp: 87764
Ion Ratio Lower Upper
84 100
86 64.3 44.2 82.2
49 116.8 74.9 139.1

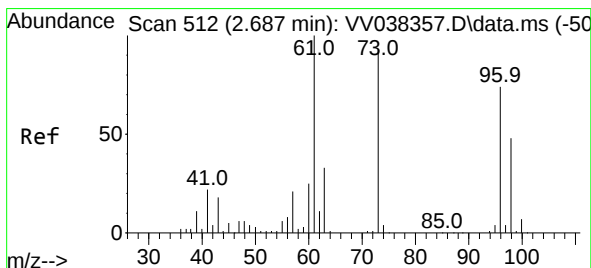
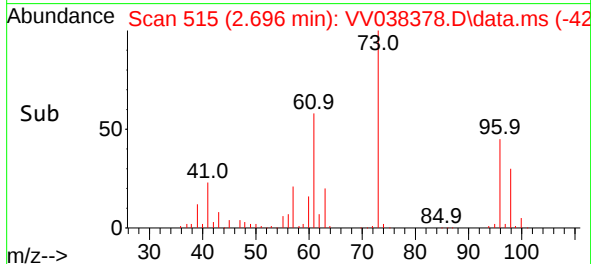
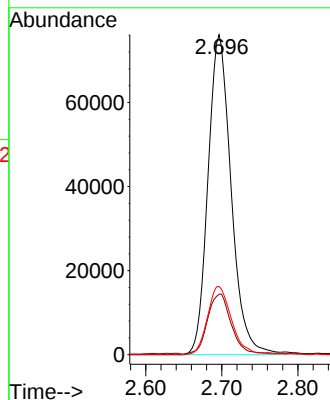
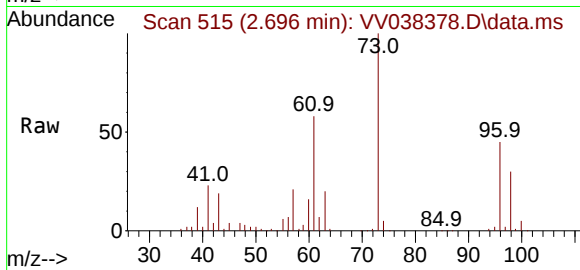




#17
Methyl tert-butyl Ether
Concen: 4.119 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

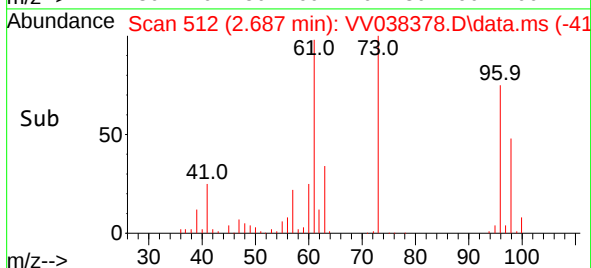
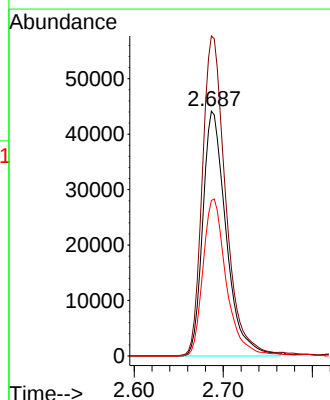
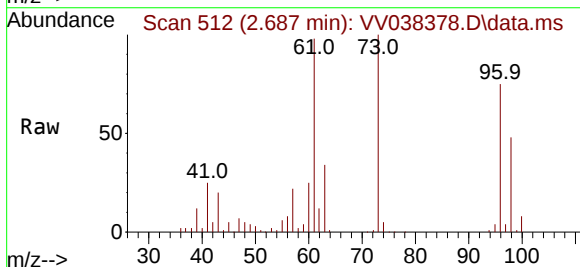
Instrument :
MSVOA_V
ClientSampleId :

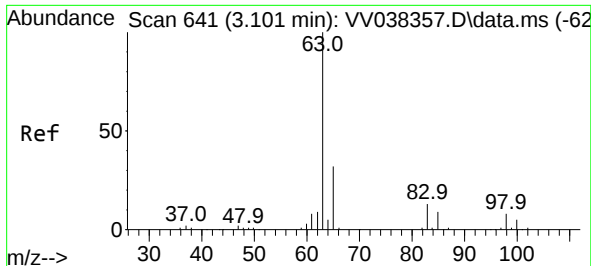
Tgt Ion: 73 Resp: 160740
Ion Ratio Lower Upper
73 100
43 18.8 14.2 21.2
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.416 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion: 96 Resp: 80286
Ion Ratio Lower Upper
96 100
61 130.7 88.5 164.4
98 63.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.747 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

ClientSampleId :

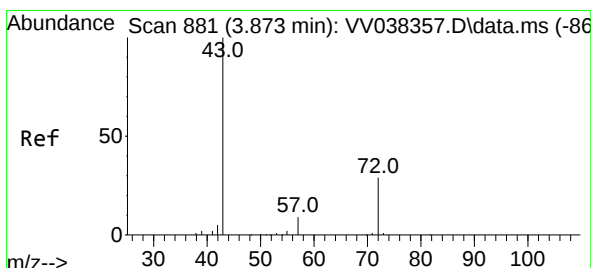
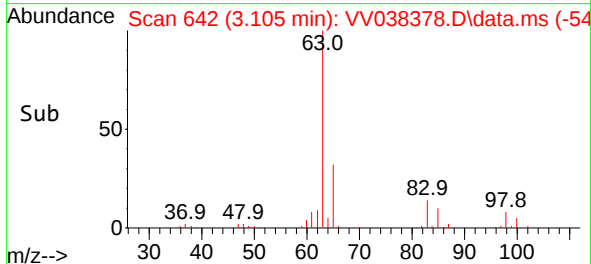
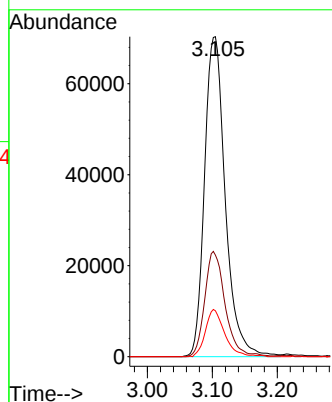
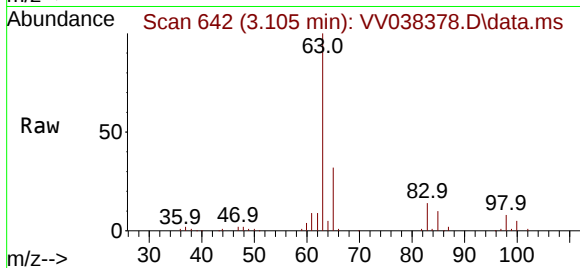
Tgt Ion: 63 Resp: 156658

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.7

83 14.3 10.1 18.9



#21

2-Butanone

Concen: 39.738 ug/L

RT: 3.883 min Scan# 884

Delta R.T. 0.010 min

Lab File: VV038378.D

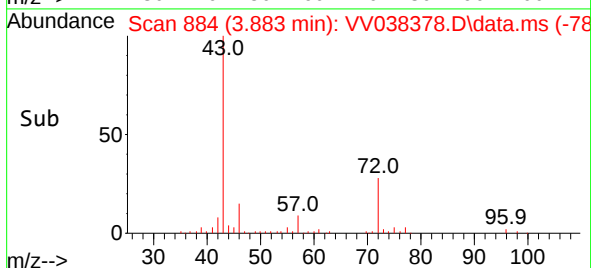
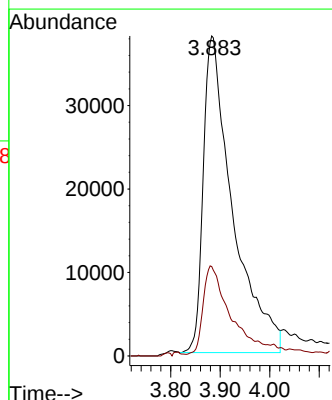
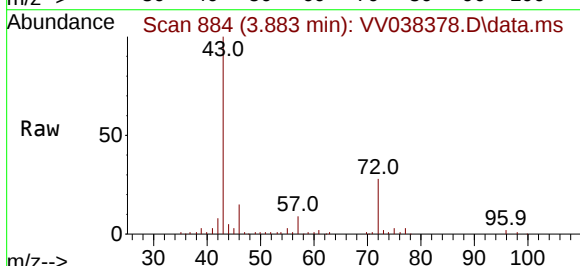
Acq: 27 Nov 2024 08:55

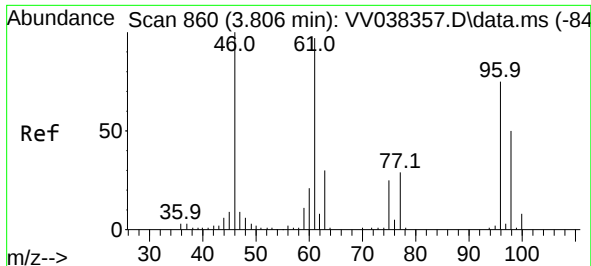
Tgt Ion: 43 Resp: 156285

Ion Ratio Lower Upper

43 100

72 25.8 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 4.397 ug/L

RT: 3.802 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

ClientSampleId :

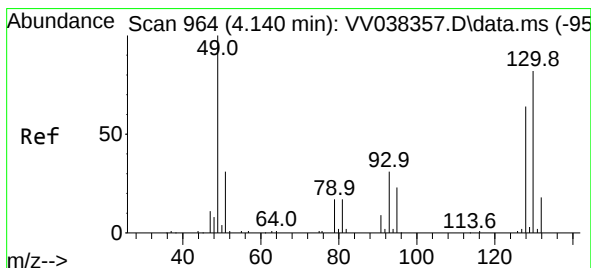
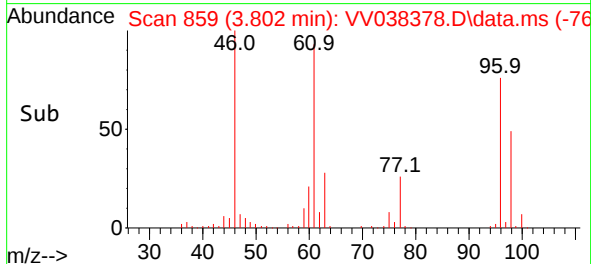
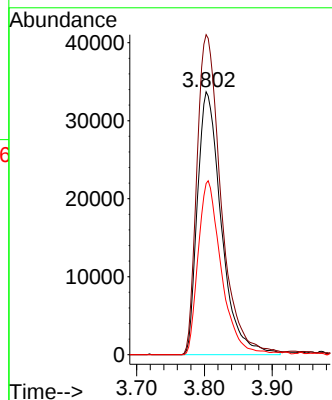
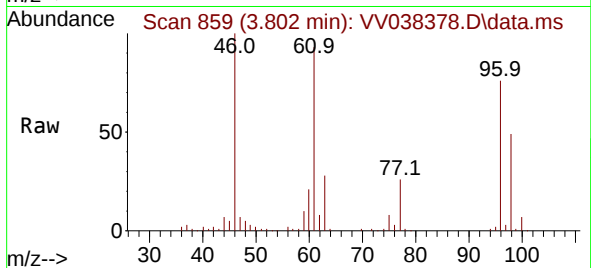
Tgt Ion: 96 Resp: 82653

Ion Ratio Lower Upper

96 100

61 121.7 82.7 153.5

98 65.1 46.3 85.9



#23

Bromochloromethane

Concen: 4.484 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Tgt Ion:128 Resp: 41162

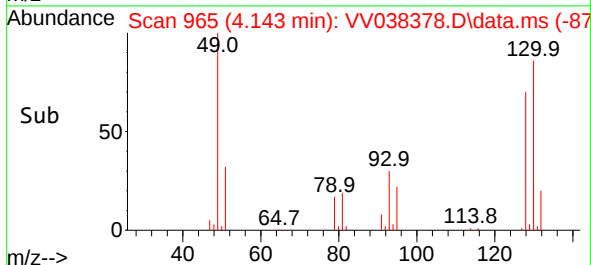
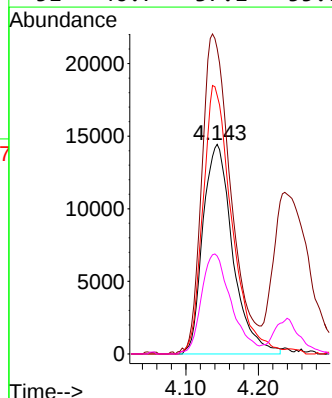
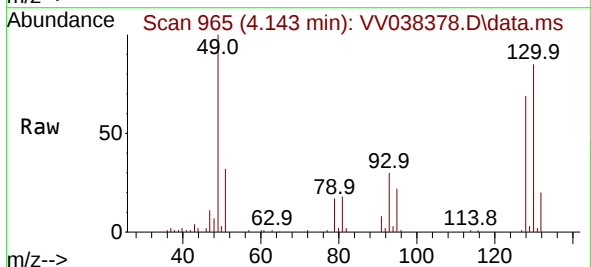
Ion Ratio Lower Upper

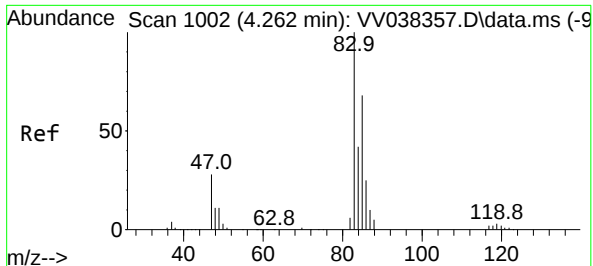
128 100

49 145.8 102.8 190.8

130 123.4 93.6 173.8

51 46.7 37.1 55.7

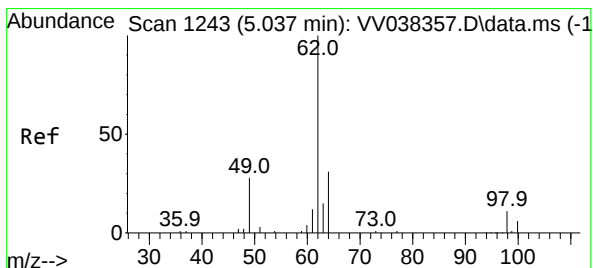
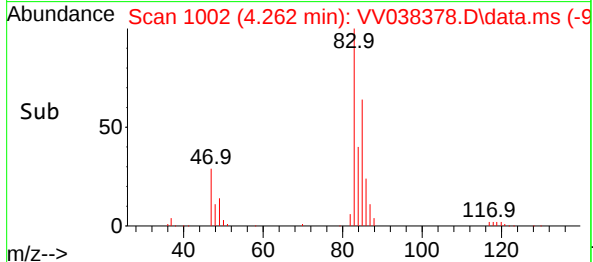
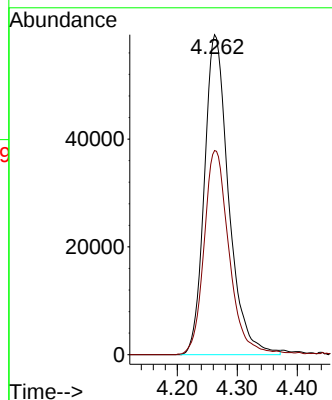
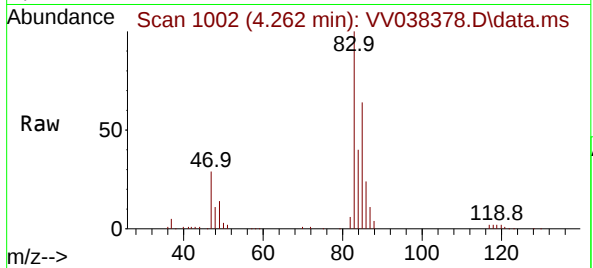




#25
Chloroform
Concen: 4.737 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

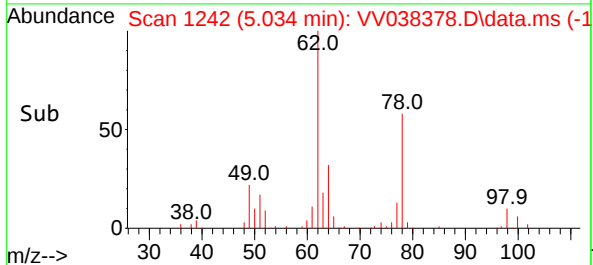
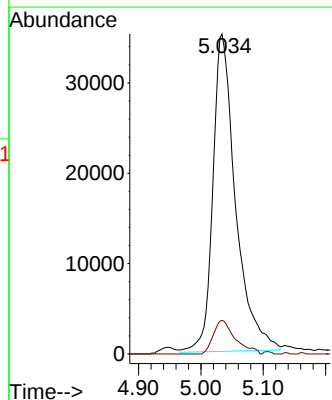
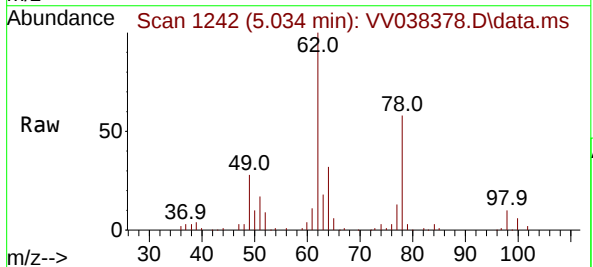
Instrument :
MSVOA_V
ClientSampleId :

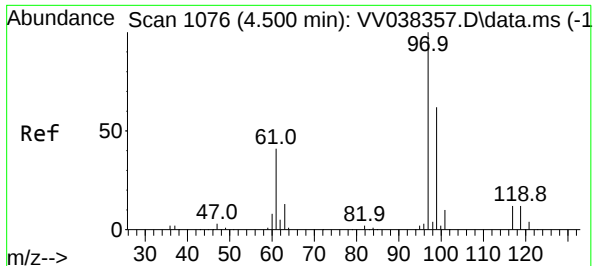
Tgt Ion: 83 Resp: 167268
Ion Ratio Lower Upper
83 100
85 63.8 46.5 86.3



#27
1,2-Dichloroethane
Concen: 4.637 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion: 62 Resp: 89084
Ion Ratio Lower Upper
62 100
98 10.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.598 ug/L

RT: 4.500 min Scan# 1097

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

ClientSampleId :

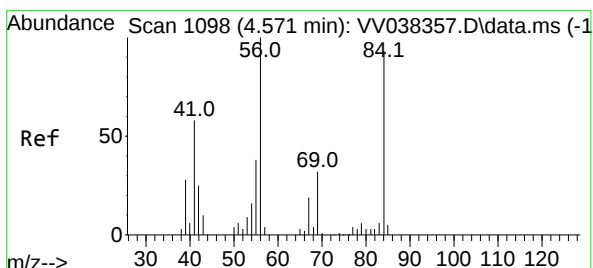
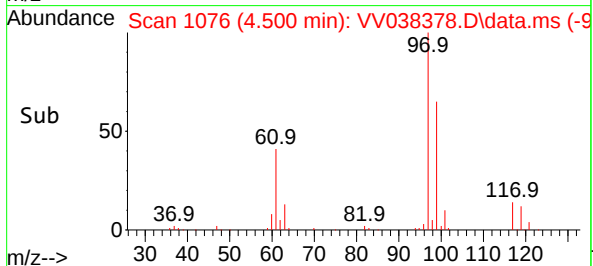
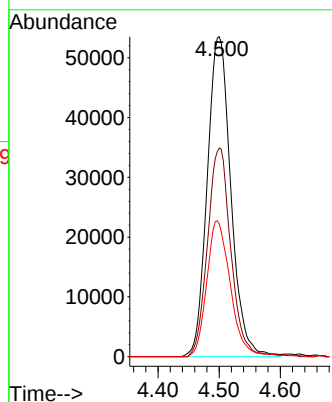
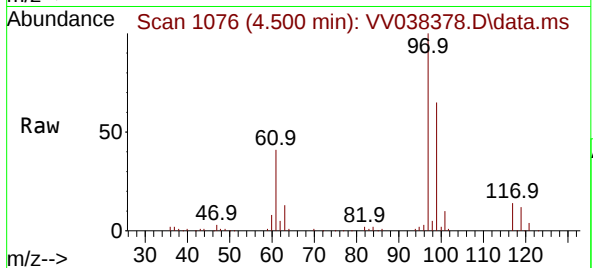
Tgt Ion: 97 Resp: 143905

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.8

61 42.0 32.2 48.2



#30

Cyclohexane

Concen: 4.144 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

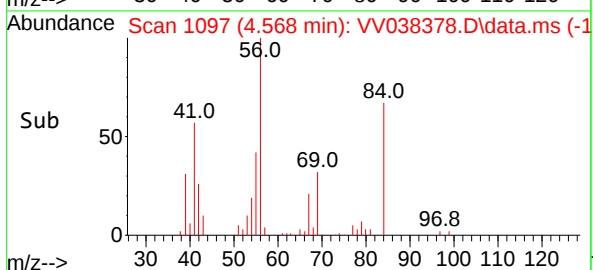
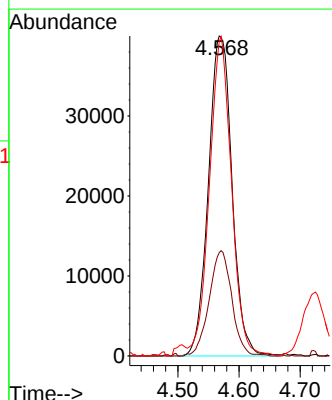
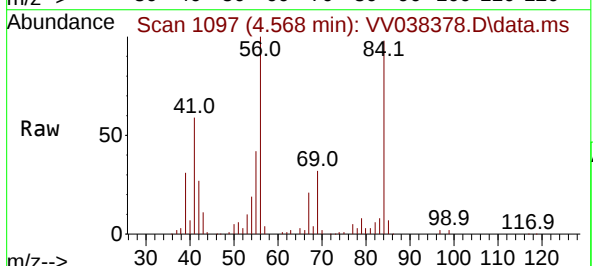
Tgt Ion: 56 Resp: 107580

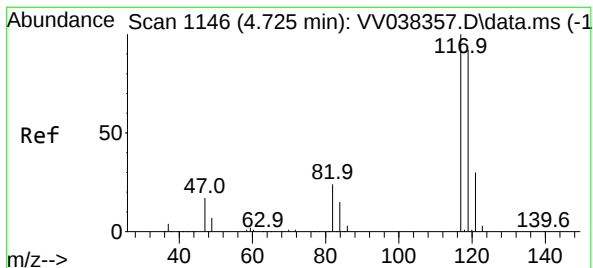
Ion Ratio Lower Upper

56 100

69 31.6 26.0 39.0

84 92.8 75.6 113.4





#31

Carbon tetrachloride

Concen: 4.491 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

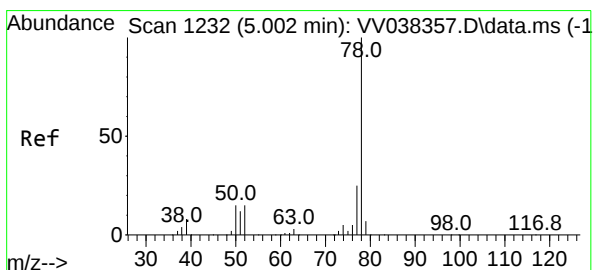
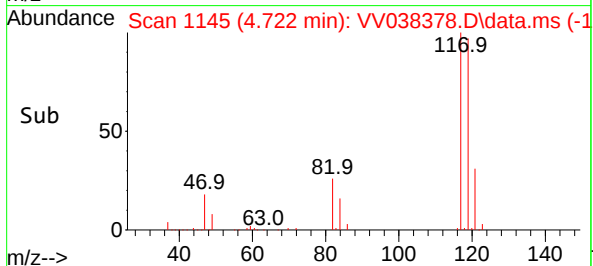
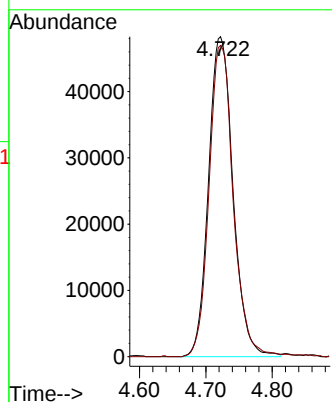
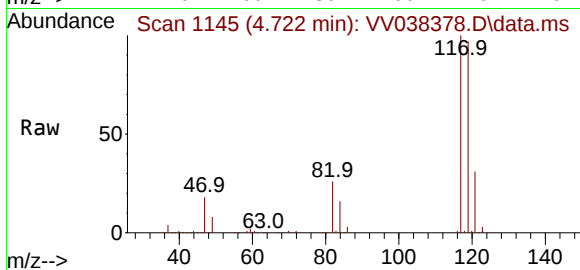
ClientSampleId :

Tgt Ion:117 Resp: 124014

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2



#33

Benzene

Concen: 4.531 ug/L

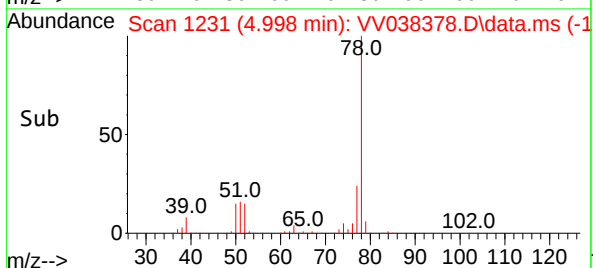
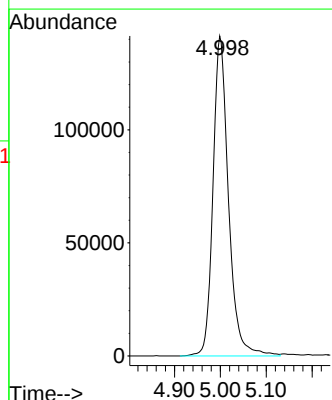
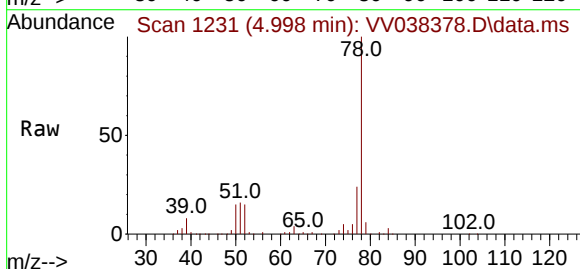
RT: 4.998 min Scan# 1231

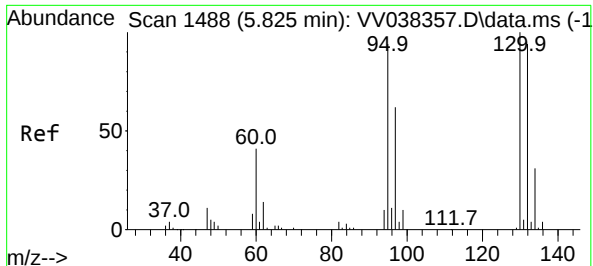
Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Tgt Ion: 78 Resp: 332161





#34

Trichloroethene

Concen: 4.346 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 86850

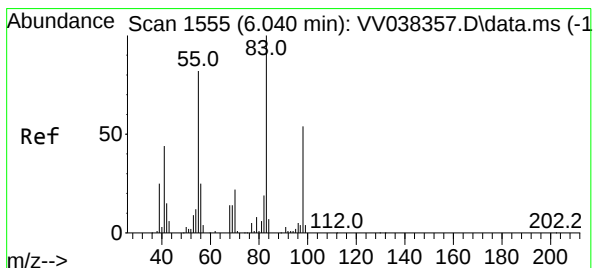
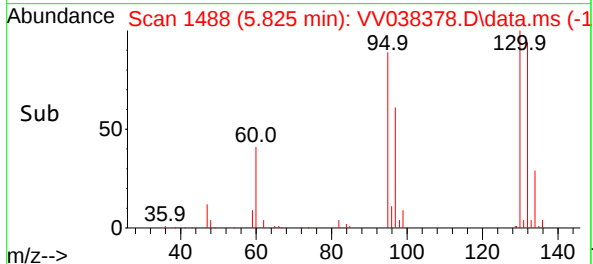
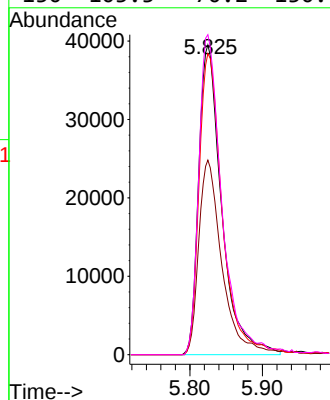
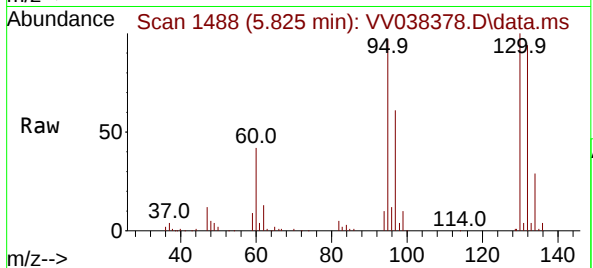
Ion Ratio Lower Upper

95 100

97 62.8 44.8 83.2

132 97.2 68.3 126.8

130 103.3 70.2 130.4



#35

Methylcyclohexane

Concen: 4.049 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

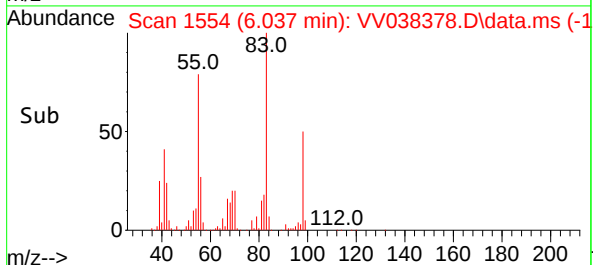
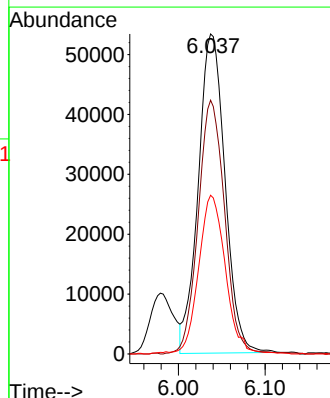
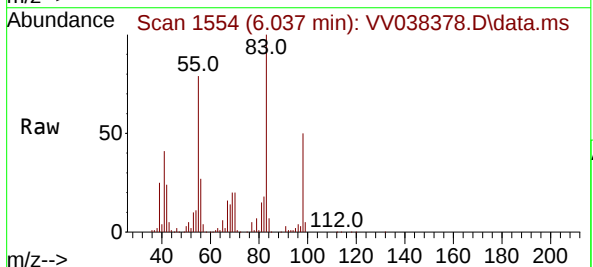
Tgt Ion: 83 Resp: 114459

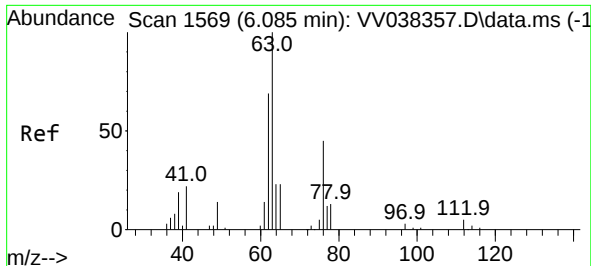
Ion Ratio Lower Upper

83 100

55 78.8 59.7 89.5

98 49.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.787 ug/L

RT: 6.082 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

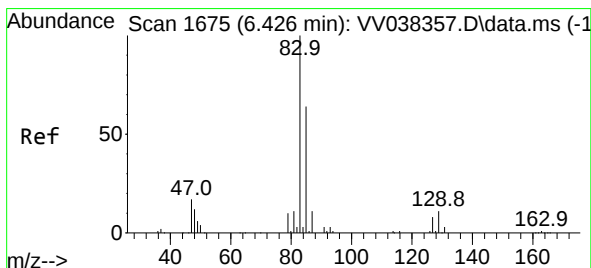
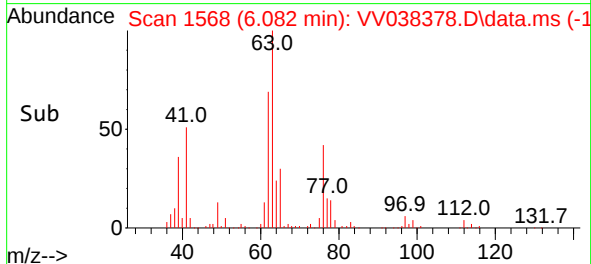
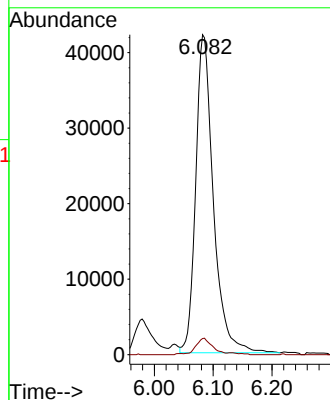
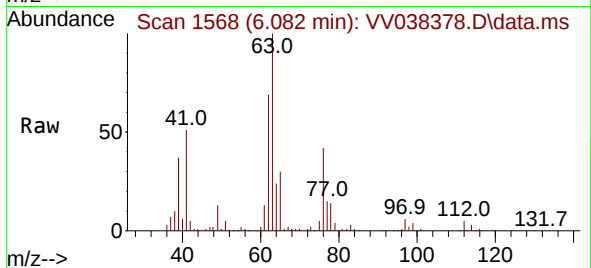
ClientSampleId :

Tgt Ion: 63 Resp: 87906

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 4.612 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

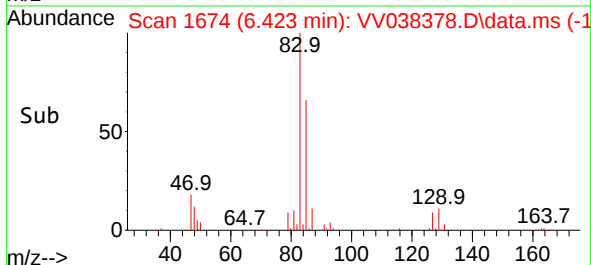
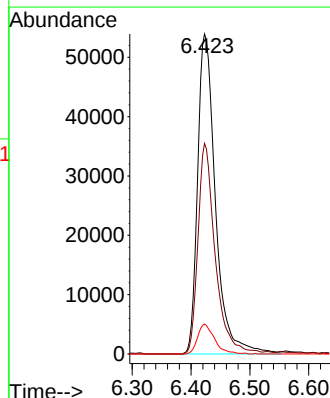
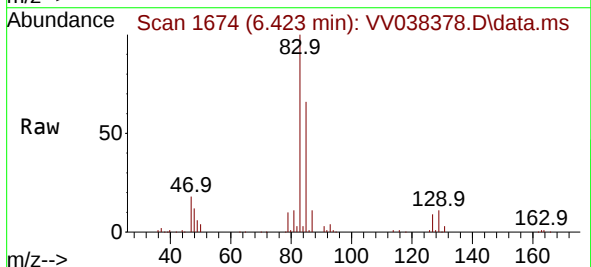
Tgt Ion: 83 Resp: 113821

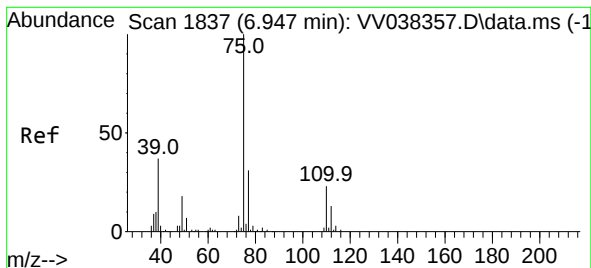
Ion Ratio Lower Upper

83 100

85 65.8 43.9 81.5

127 9.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.239 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

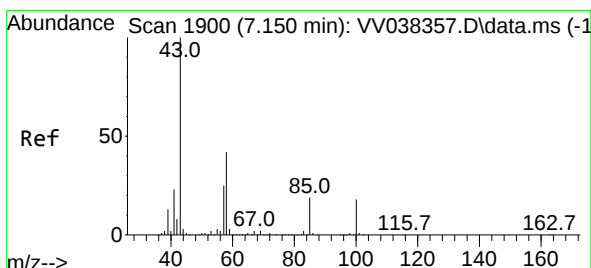
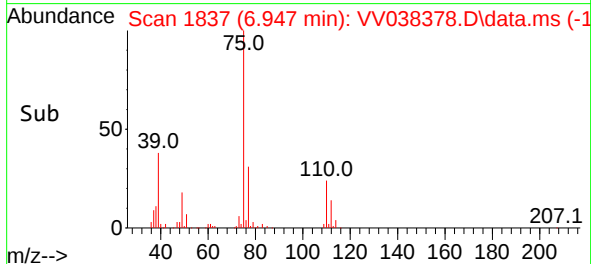
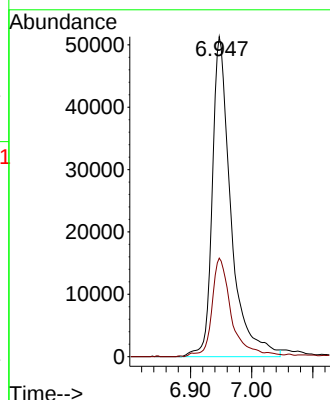
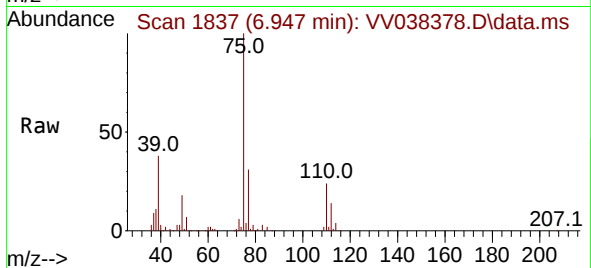
ClientSampleId :

Tgt Ion: 75 Resp: 108649

Ion Ratio Lower Upper

75 100

77 30.8 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 42.847 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

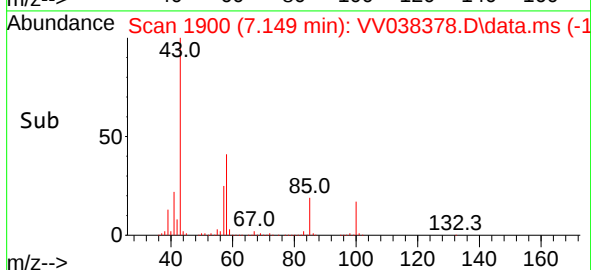
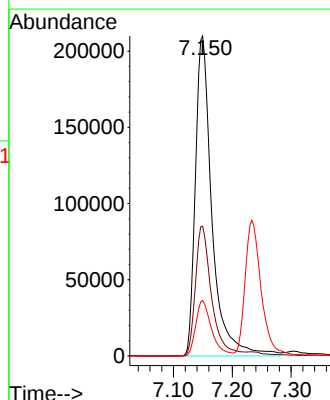
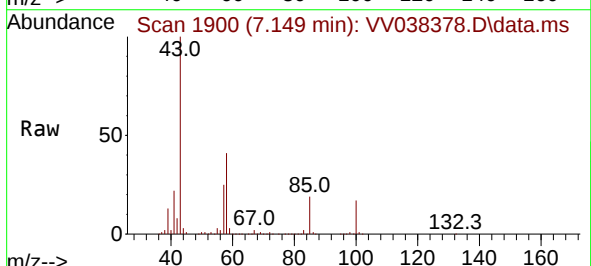
Tgt Ion: 43 Resp: 411765

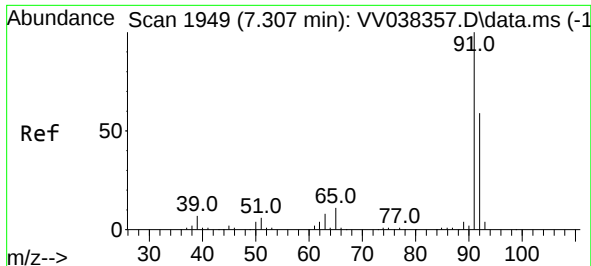
Ion Ratio Lower Upper

43 100

58 39.4 33.4 50.2

100 16.4 14.3 21.5





#42

Toluene

Concen: 4.647 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

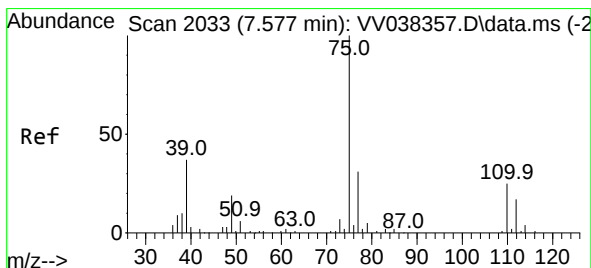
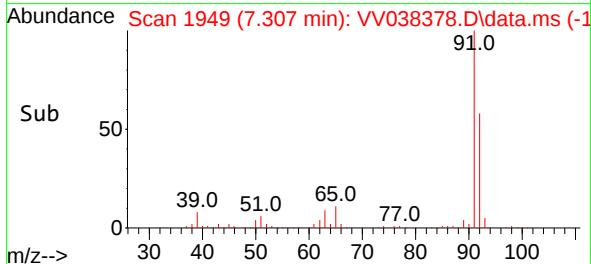
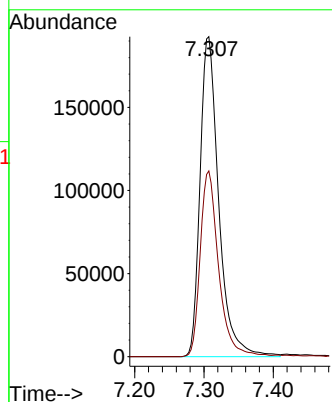
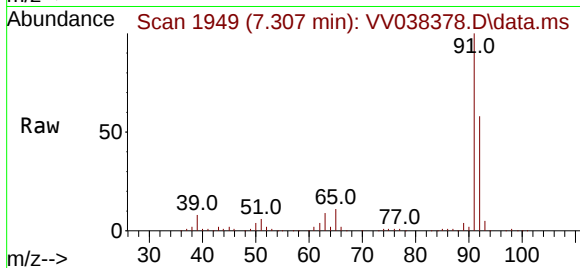
ClientSampleId :

Tgt Ion: 91 Resp: 360753

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.435 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038378.D

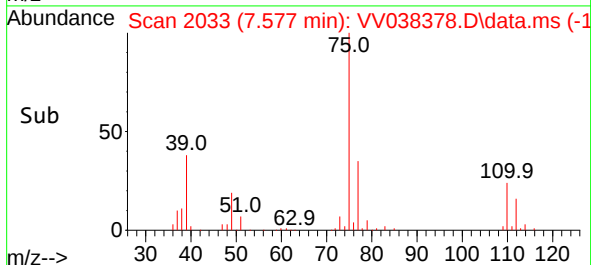
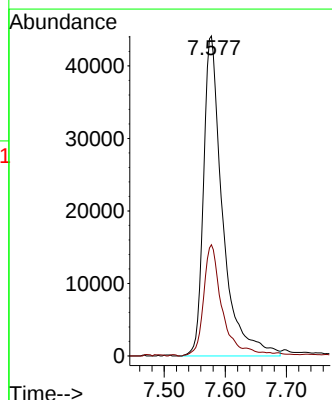
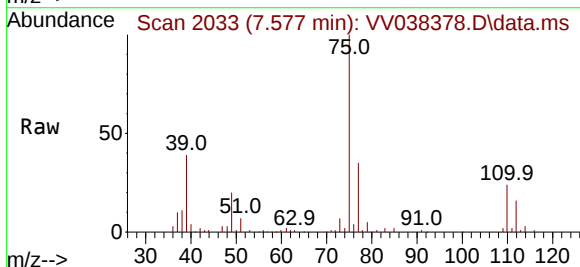
Acq: 27 Nov 2024 08:55

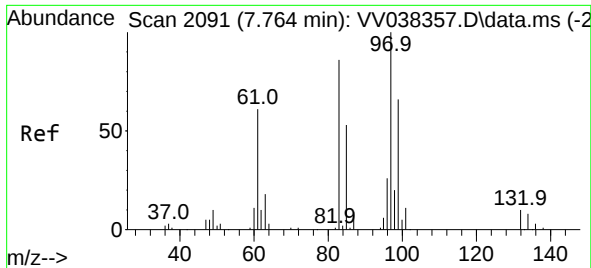
Tgt Ion: 75 Resp: 96023

Ion Ratio Lower Upper

75 100

77 34.7 23.4 43.4

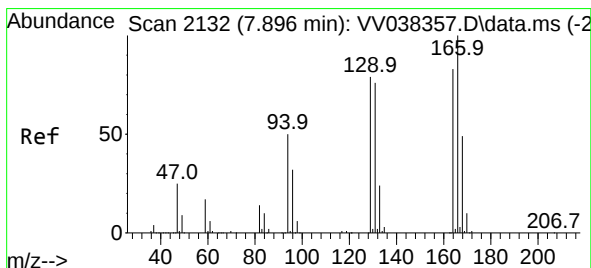
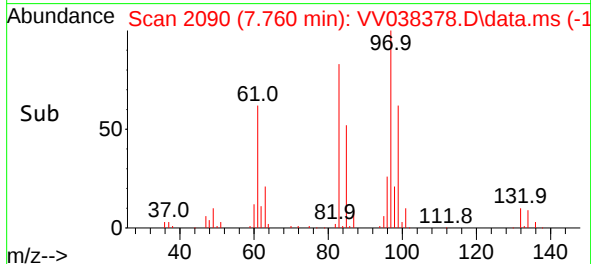
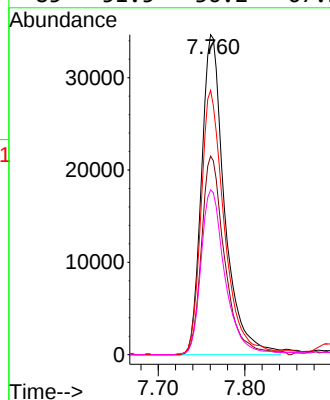
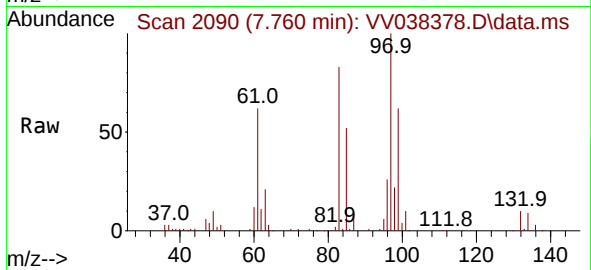




#45
1,1,2-Trichloroethane
Concen: 4.322 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

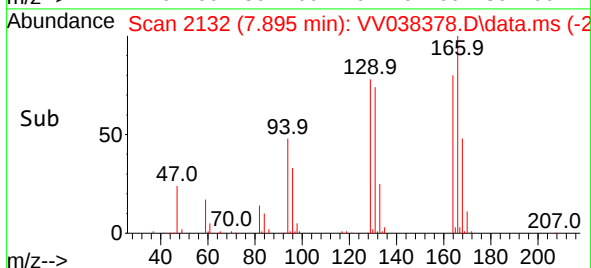
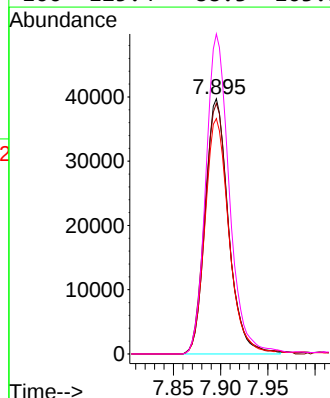
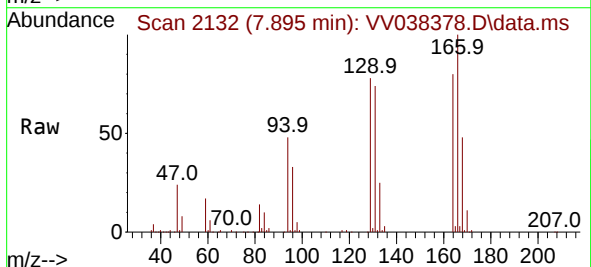
Instrument :
MSVOA_V
ClientSampleId :

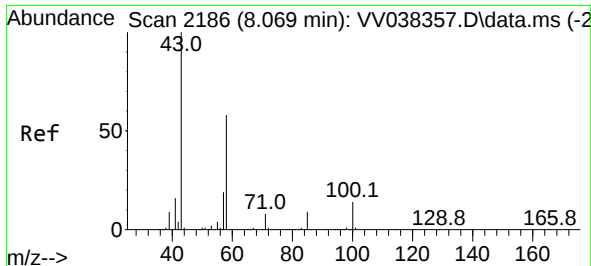
Tgt Ion: 97	Resp: 64363
Ion Ratio	Lower Upper
97 100	
99 62.1	41.9 77.7
83 82.6	57.7 107.1
85 51.5	36.2 67.2



#47
Tetrachloroethene
Concen: 4.220 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt	Ion:164	Resp:	67754
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.5	127.1
131	92.2	64.8	120.4
166	125.4	88.3	163.9

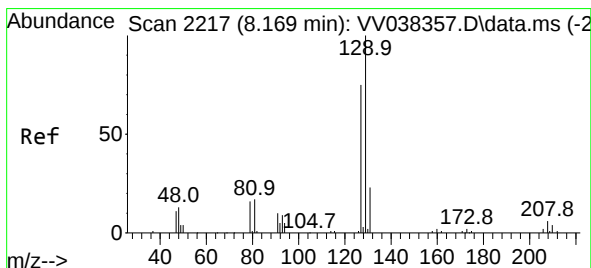
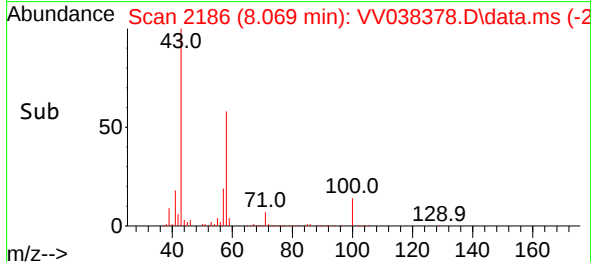
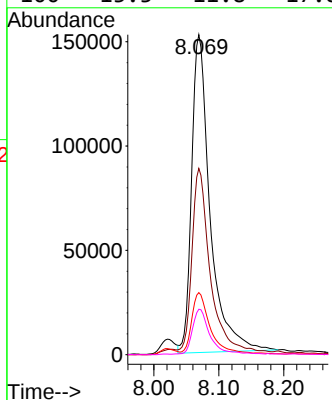
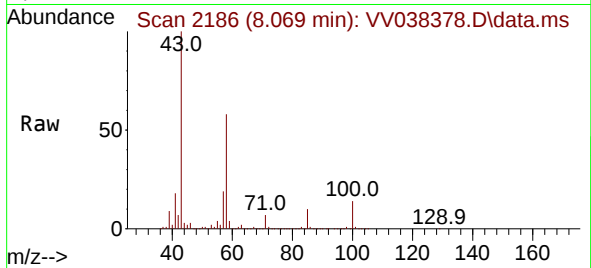




#48
2-Hexanone
Concen: 43.322 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

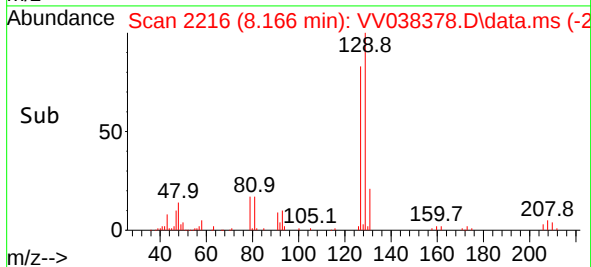
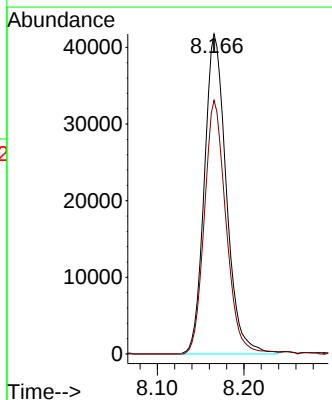
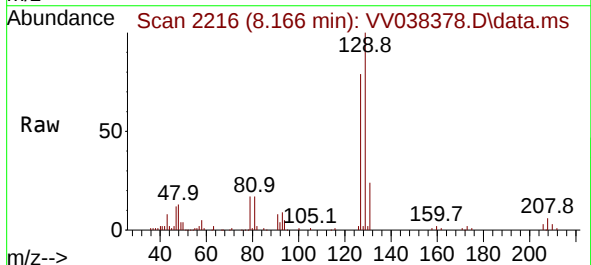
Instrument :
MSVOA_V
ClientSampleId :

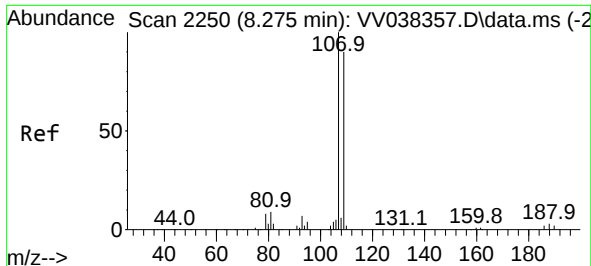
Tgt Ion: 43 Resp: 301903
Ion Ratio Lower Upper
43 100
58 57.1 49.2 73.8
57 18.6 16.9 25.3
100 13.3 11.8 17.8



#49
Dibromochloromethane
Concen: 4.526 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion: 129 Resp: 73473
Ion Ratio Lower Upper
129 100
127 79.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.199 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

ClientSampleId :

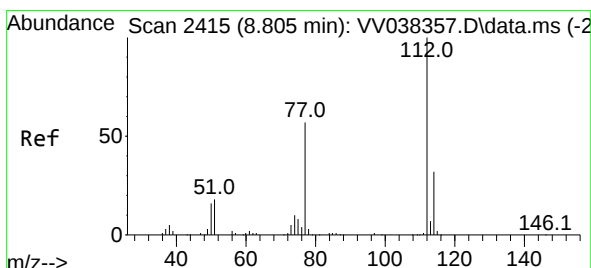
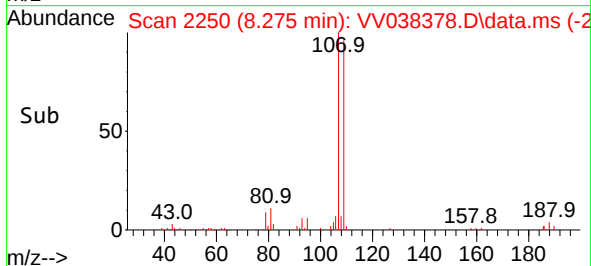
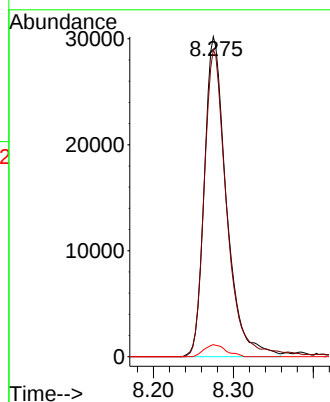
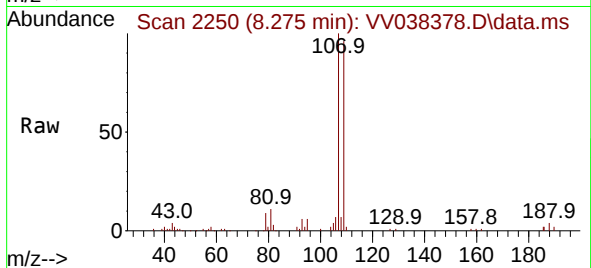
Tgt Ion:107 Resp: 57963

Ion Ratio Lower Upper

107 100

109 95.9 66.1 122.7

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 4.387 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

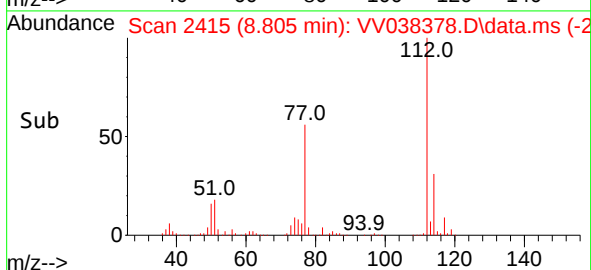
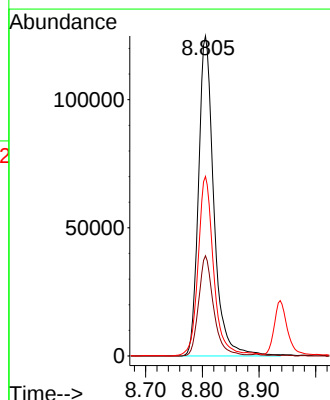
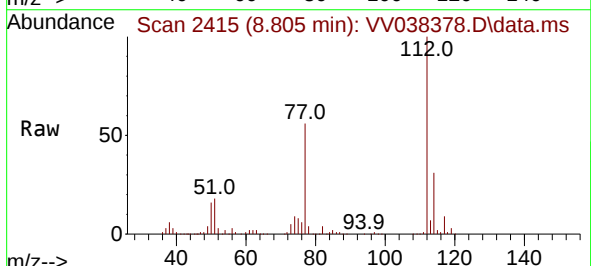
Tgt Ion:112 Resp: 234661

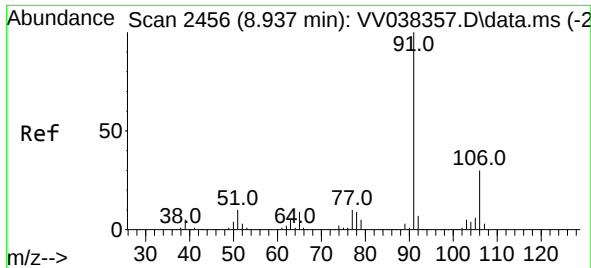
Ion Ratio Lower Upper

112 100

114 31.3 22.0 40.8

77 56.1 45.0 67.4

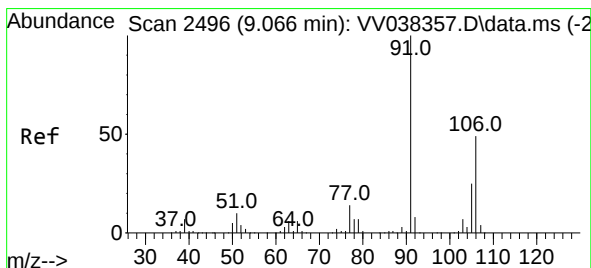
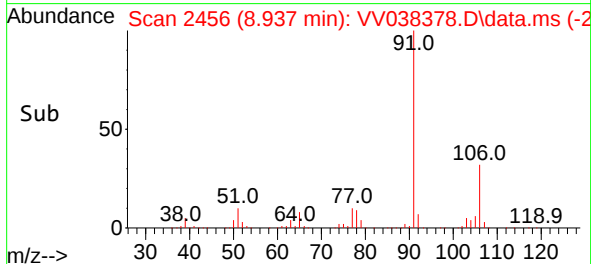
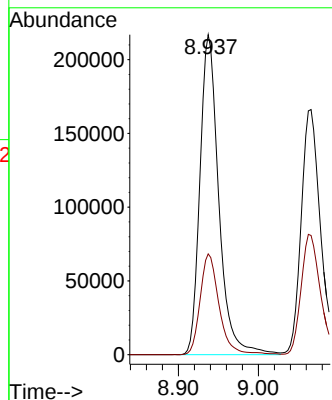
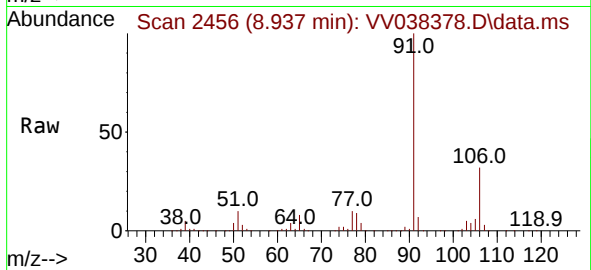




#52
Ethylbenzene
Concen: 4.324 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

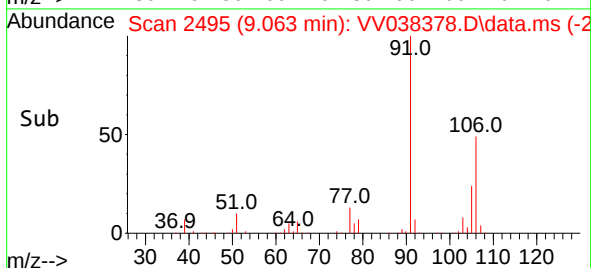
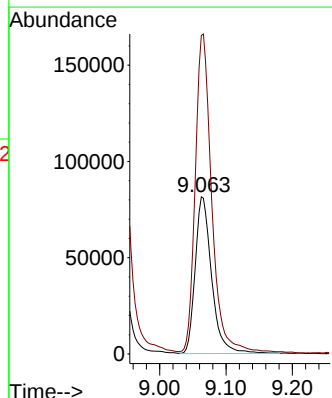
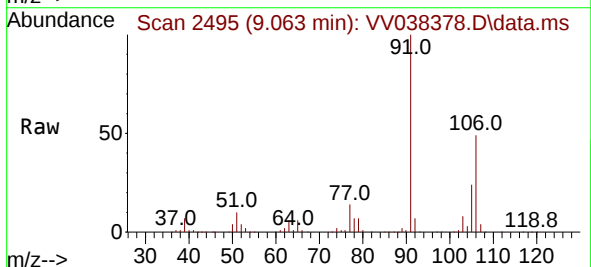
Instrument :
MSVOA_V
ClientSampleId :

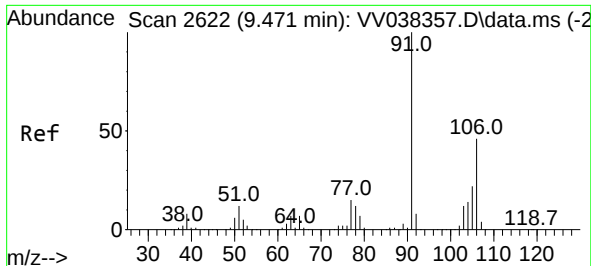
Tgt Ion: 91 Resp: 356093
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.4



#53
m,p-Xylene
Concen: 4.518 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion: 106 Resp: 140425
Ion Ratio Lower Upper
106 100
91 202.6 138.7 257.5

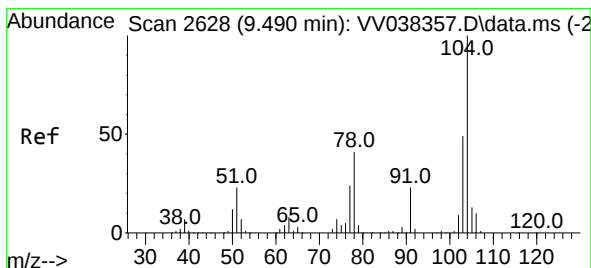
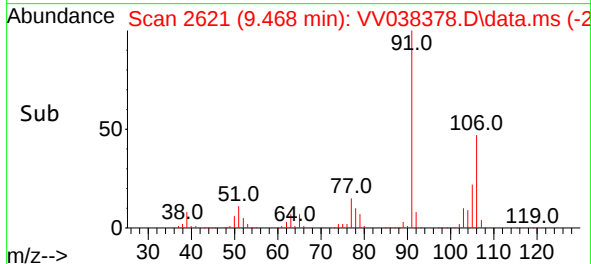
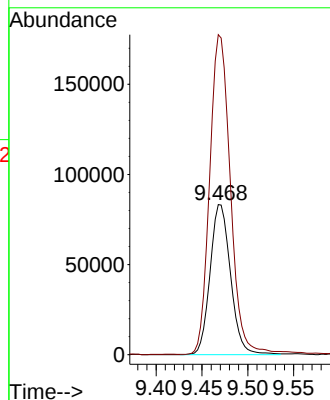
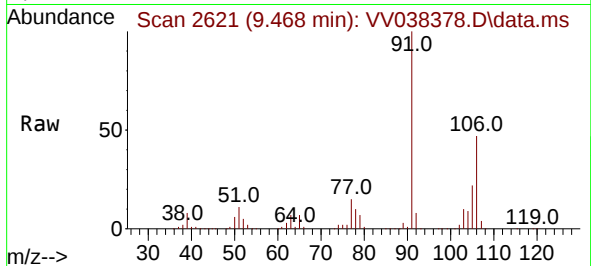




#54
o-Xylene
Concen: 4.282 ug/L
RT: 9.468 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

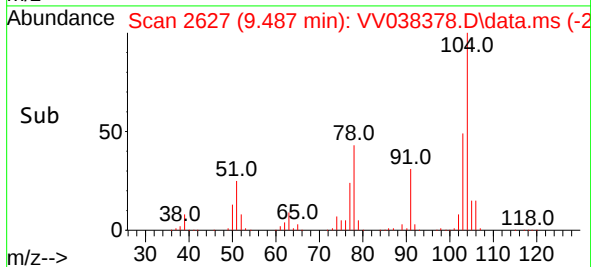
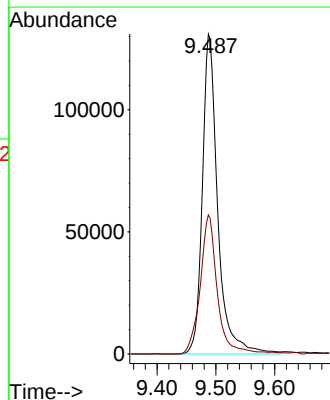
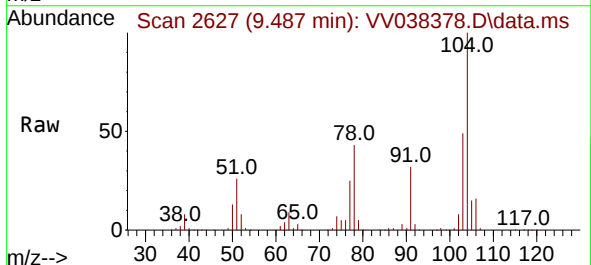
Instrument :
MSVOA_V
ClientSampleId :

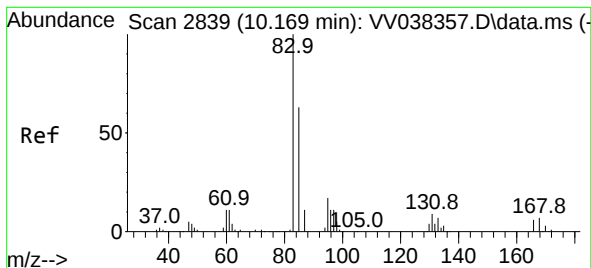
Tgt Ion:106 Resp: 129561
Ion Ratio Lower Upper
106 100
91 213.3 155.5 288.7



#55
Styrene
Concen: 4.449 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion:104 Resp: 237292
Ion Ratio Lower Upper
104 100
78 43.5 29.7 55.1

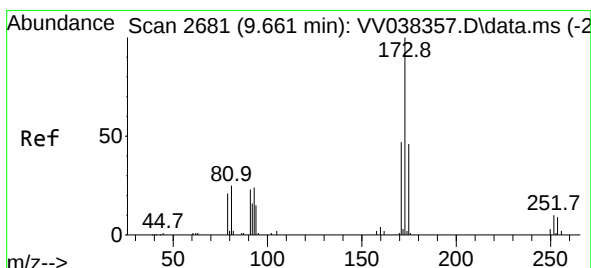
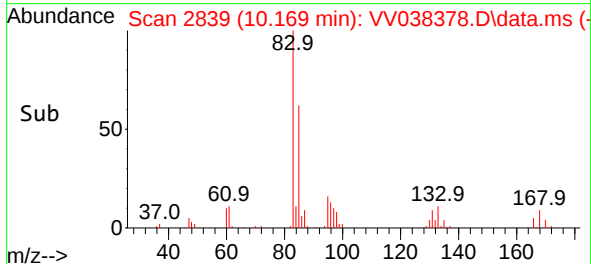
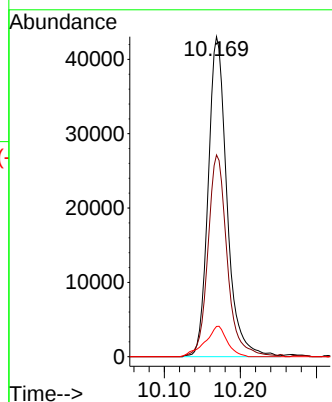
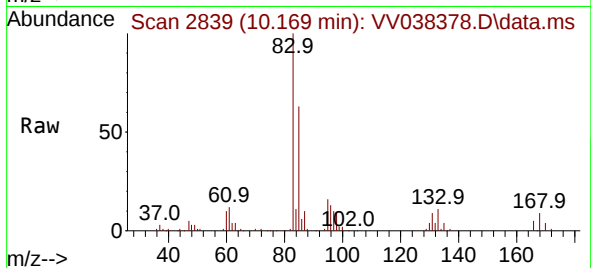




#57
1,1,2,2-Tetrachloroethane
Concen: 4.239 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

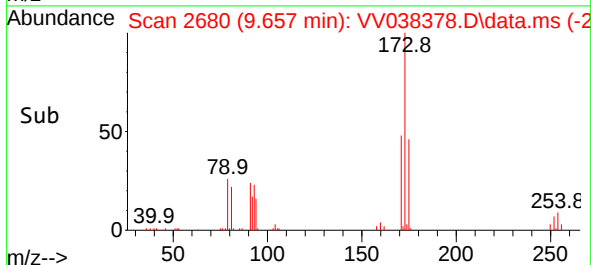
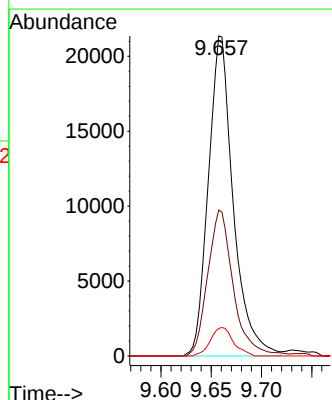
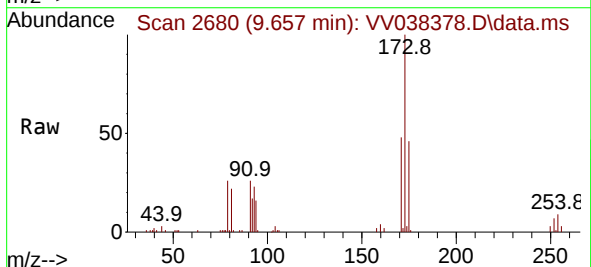
Instrument : MSVOA_V
ClientSampleId :

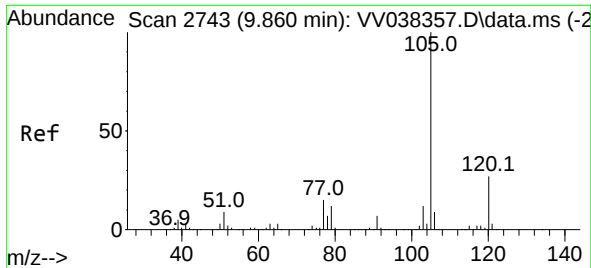
Tgt Ion: 83 Resp: 73811
Ion Ratio Lower Upper
83 100
85 63.0 45.7 84.9
131 9.4 8.2 12.4



#59
Bromoform
Concen: 4.521 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

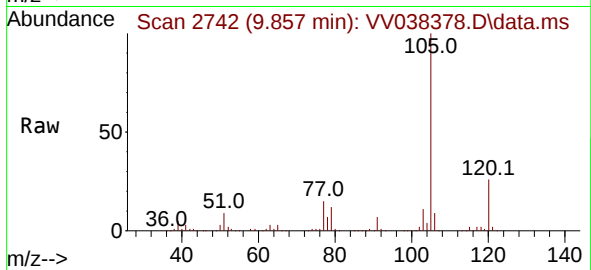
Tgt Ion: 173 Resp: 36780
Ion Ratio Lower Upper
173 100
175 46.8 38.5 57.7
254 8.2 6.9 10.3



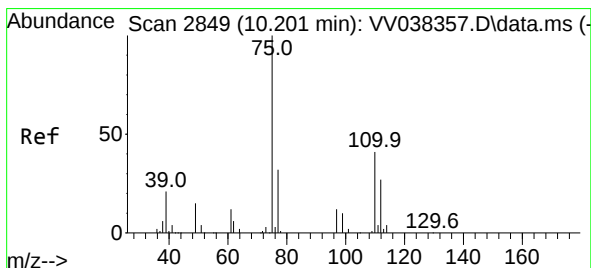
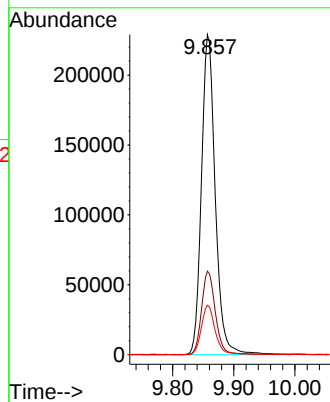
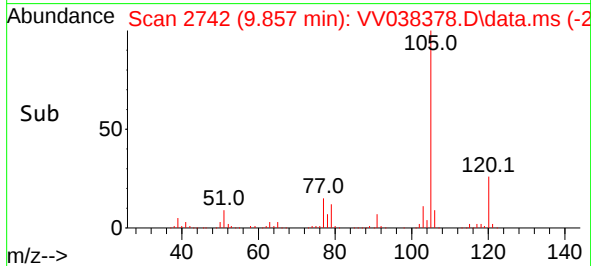


#60
Isopropylbenzene
Concen: 4.459 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

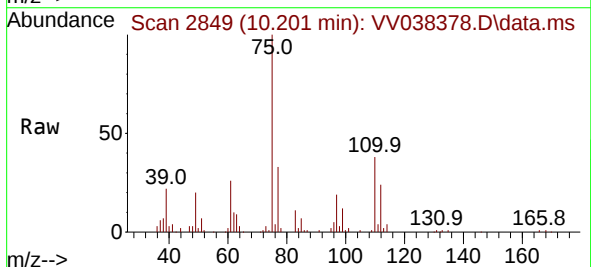
Instrument :
MSVOA_V
ClientSampleId :



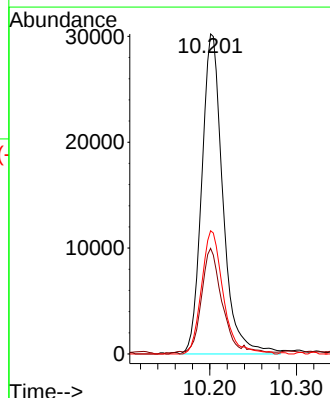
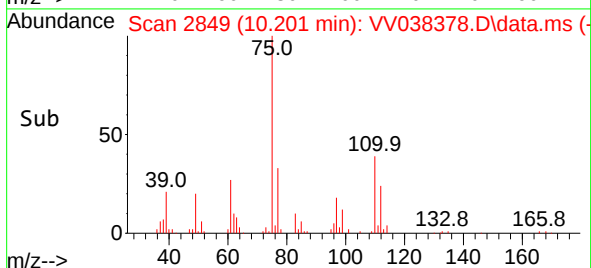
Tgt Ion:105 Resp: 359013
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 15.4 12.2 18.2

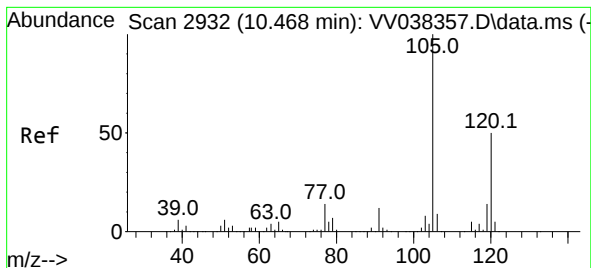


#61
1,2,3-Trichloropropane
Concen: 4.279 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55



Tgt Ion: 75 Resp: 51203
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
110 39.5 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.112 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

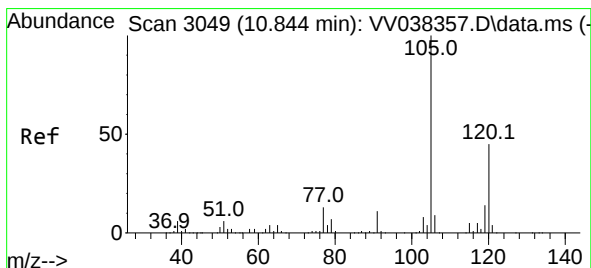
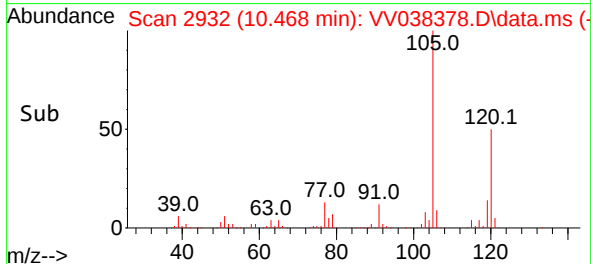
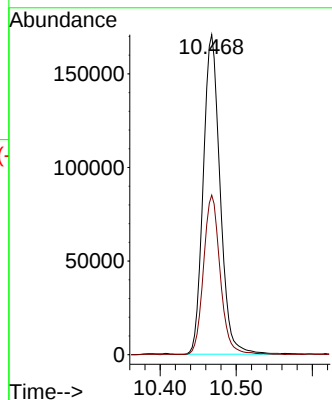
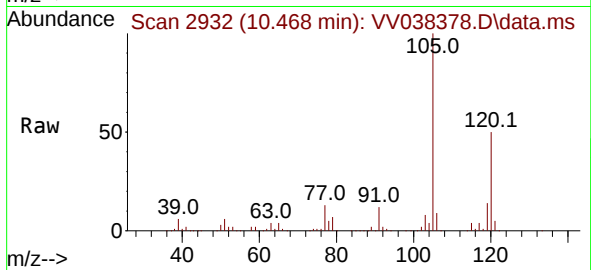
ClientSampleId :

Tgt Ion:105 Resp: 262690

Ion Ratio Lower Upper

105 100

120 49.3 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.214 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038378.D

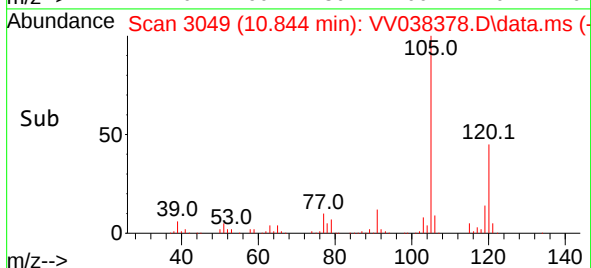
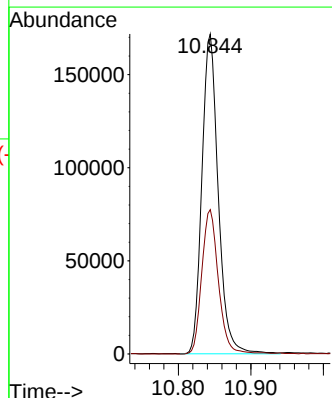
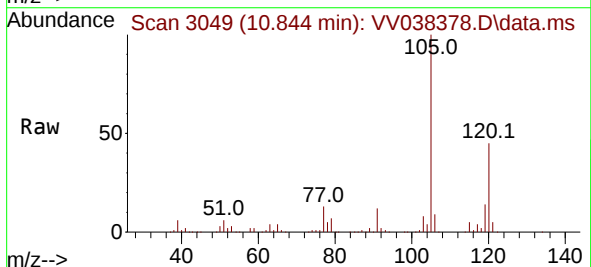
Acq: 27 Nov 2024 08:55

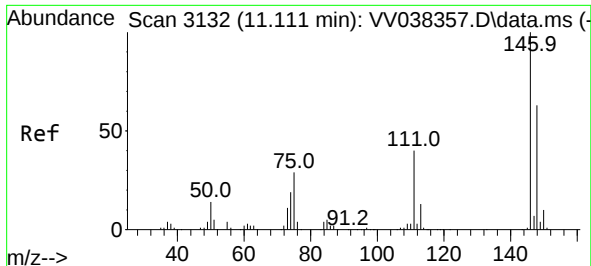
Tgt Ion:105 Resp: 268421

Ion Ratio Lower Upper

105 100

120 45.8 37.0 55.4

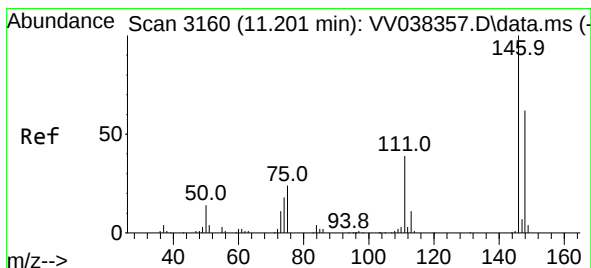
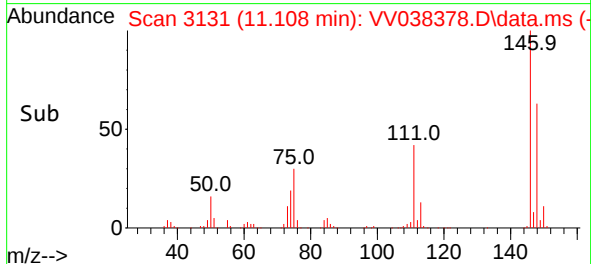
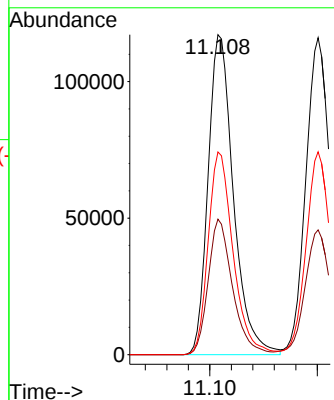
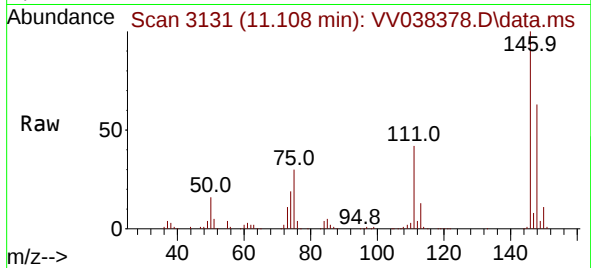




#64
1,3-Dichlorobenzene
Concen: 4.444 ug/L
RT: 11.108 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

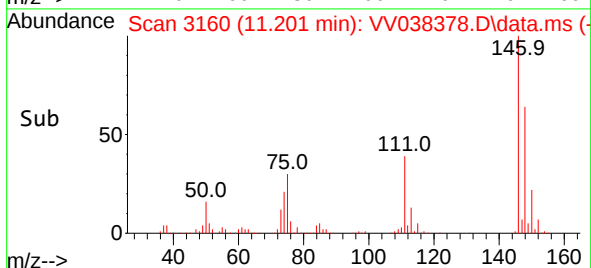
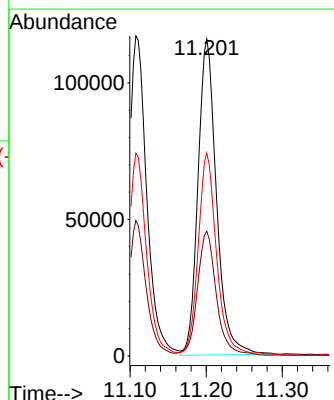
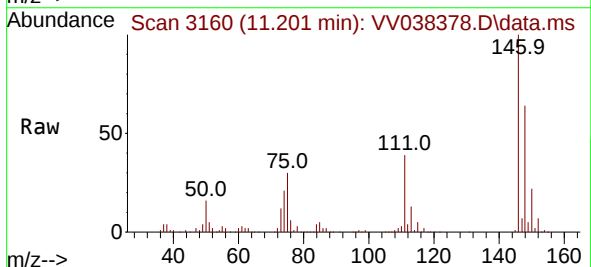
Instrument :
MSVOA_V
ClientSampleId :

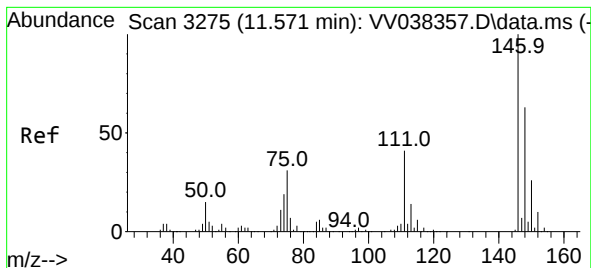
Tgt Ion:146 Resp: 192116
Ion Ratio Lower Upper
146 100
111 42.3 28.2 52.4
148 63.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.484 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038378.D
Acq: 27 Nov 2024 08:55

Tgt Ion:146 Resp: 195950
Ion Ratio Lower Upper
146 100
111 39.4 27.4 50.8
148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.352 ug/L

RT: 11.571 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

ClientSampleId :

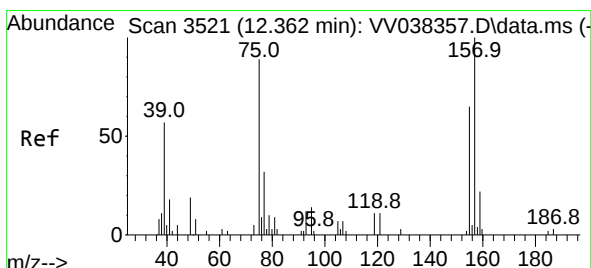
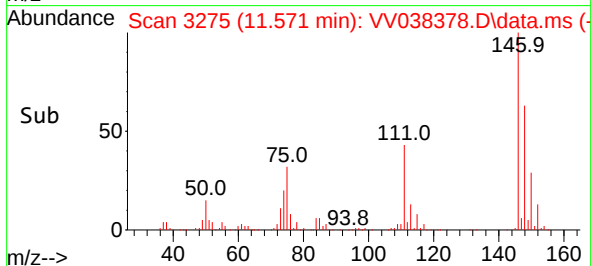
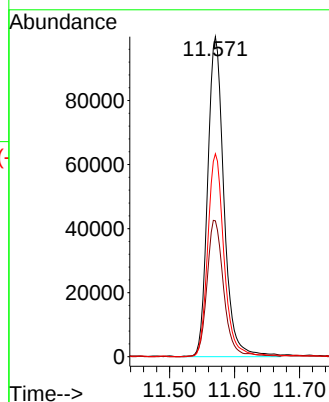
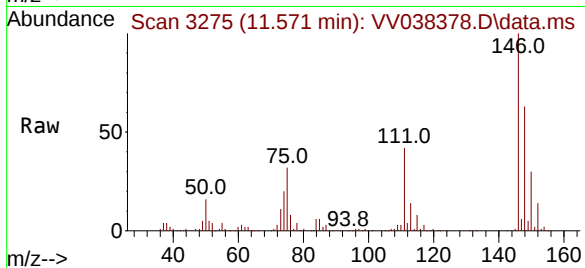
Tgt Ion:146 Resp: 174111

Ion Ratio Lower Upper

146 100

111 42.4 34.2 51.2

148 63.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.647 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

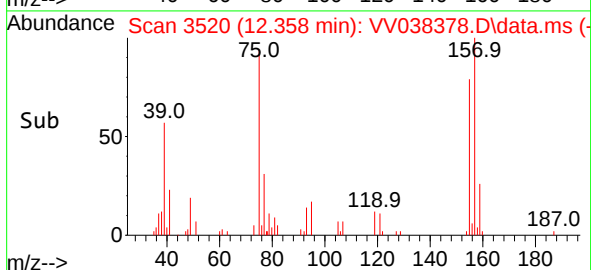
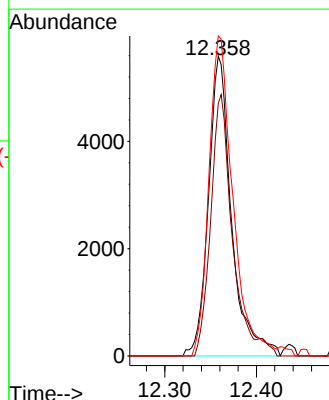
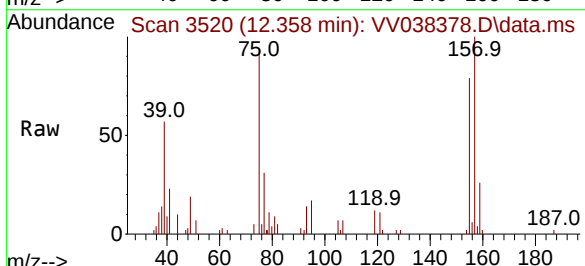
Tgt Ion: 75 Resp: 9797

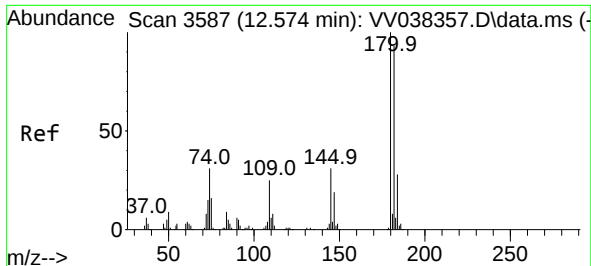
Ion Ratio Lower Upper

75 100

155 84.3 67.5 101.3

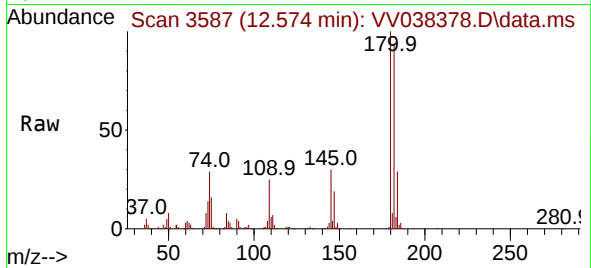
157 106.8 82.7 124.1



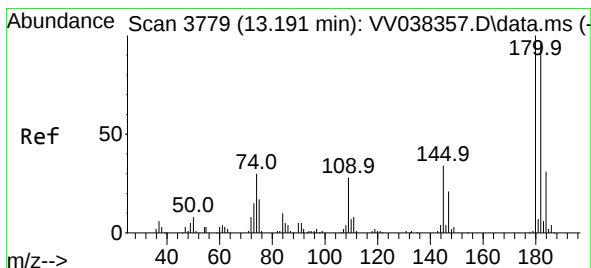
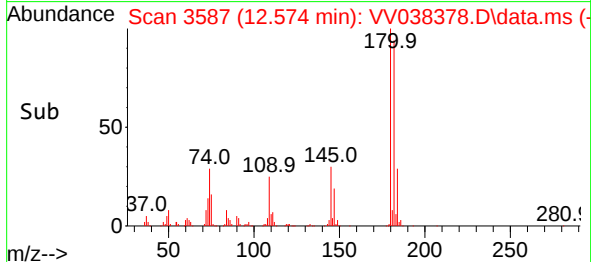
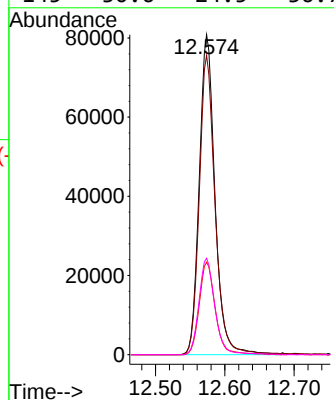


#69
 1,3,5-Trichlorobenzene
 Concen: 4.170 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. -0.000 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

Instrument :
 MSVOA_V
 ClientSampleId :

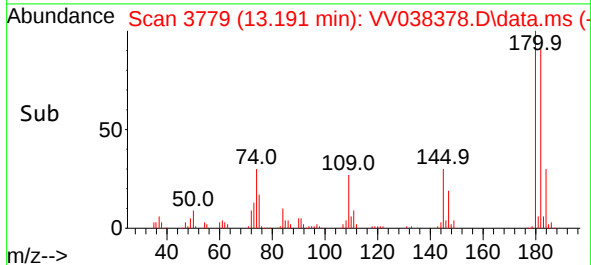
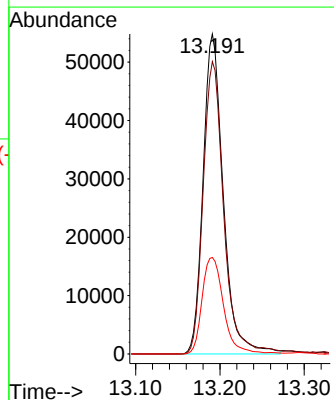
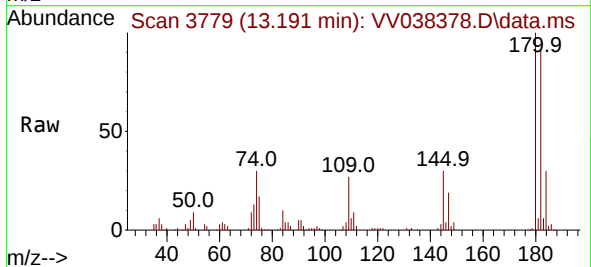


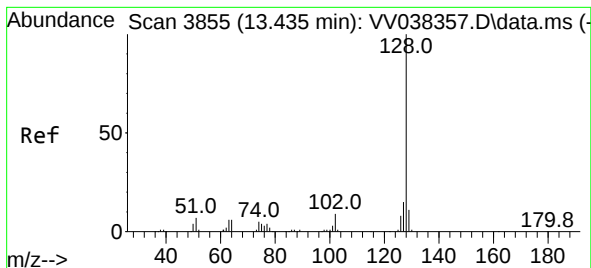
Tgt Ion:180 Resp: 127698
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.0 114.0
 184 29.4 23.7 35.5
 145 30.6 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 3.618 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. -0.000 min
 Lab File: VV038378.D
 Acq: 27 Nov 2024 08:55

Tgt Ion:180 Resp: 91577
 Ion Ratio Lower Upper
 180 100
 182 91.5 73.8 110.8
 145 31.9 24.6 37.0





#71

Naphthalene

Concen: 2.706 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Instrument :

MSVOA_V

ClientSampleId :

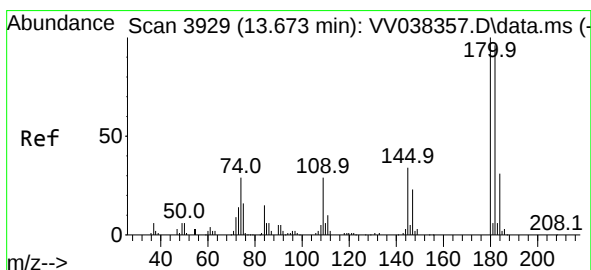
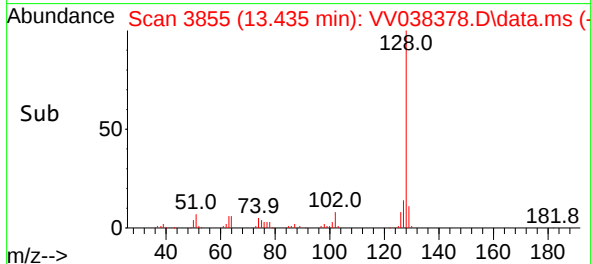
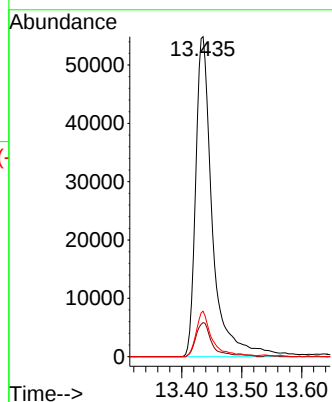
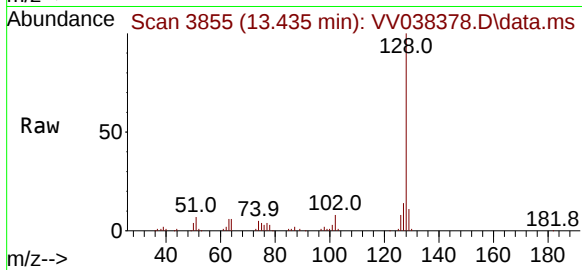
Tgt Ion:128 Resp: 106534

Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

127 13.0 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 3.382 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV038378.D

Acq: 27 Nov 2024 08:55

Tgt Ion:180 Resp: 79104

Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

145 33.5 27.0 40.4

