

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112624\
 Data File : VW038357.D
 Acq On : 26 Nov 2024 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 00:12:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	247741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	264011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	140204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60032	3.161	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.529	69	60222	3.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.053	65	29238	3.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.793	46	167805	44.175	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.340%
24) Chloroform-d	4.240	84	162352	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.934	65	72170	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.950	84	276717	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.979	67	86720	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.236	98	259841	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.551	79	32936	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.018	63	116077	38.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74620	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.555	152	95884	4.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	103399	4.411	ug/L	98
3) Chloromethane	1.214	50	96366	4.775	ug/L	97
5) Vinyl chloride	1.282	62	100612	4.399	ug/L	98
6) Bromomethane	1.484	94	58661	6.578	ug/L	93
8) Chloroethane	1.545	64	68448	4.697	ug/L	100
9) Trichlorofluoromethane	1.709	101	142718	4.385	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	86759	4.671	ug/L	95
12) 1,1-Dichloroethene	2.063	96	77267	4.367	ug/L	91
13) Acetone	2.124	43	122659	43.659	ug/L	98
14) Carbon disulfide	2.233	76	233150	4.090	ug/L	100
15) Methyl Acetate	2.378	43	29195	4.279	ug/L	91
16) Methylene chloride	2.439	84	87139	4.318	ug/L	93
17) Methyl tert-butyl Ether	2.696	73	161169	4.029	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	81819	4.389	ug/L	94
19) 1,1-Dichloroethane	3.101	63	156990	4.640	ug/L	98
21) 2-Butanone	3.873	43	161112	39.956	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	84332	4.375	ug/L	93
23) Bromochloromethane	4.140	128	40613	4.316	ug/L	94
25) Chloroform	4.262	83	166187	4.591	ug/L	98

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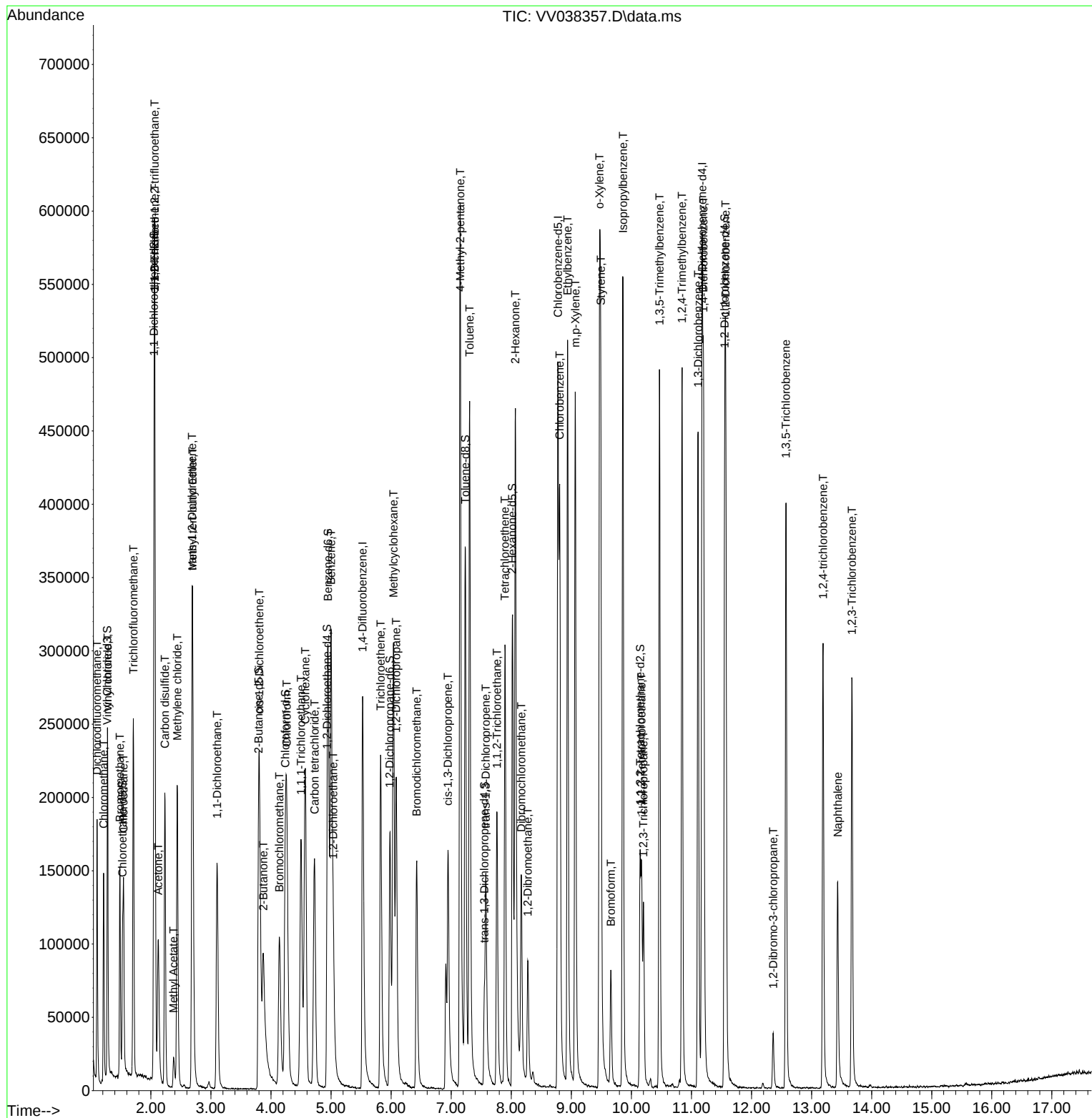
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	90793	4.610	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	142928	4.514	ug/L	99
30) Cyclohexane	4.571	56	107855	4.107	ug/L	99
31) Carbon tetrachloride	4.725	117	125755	4.502	ug/L	98
33) Benzene	5.002	78	332885	4.489	ug/L	100
34) Trichloroethene	5.825	95	86185	4.263	ug/L	96
35) Methylcyclohexane	6.040	83	118856	4.156	ug/L	99
37) 1,2-Dichloropropane	6.085	63	85424	4.599	ug/L	98
38) Bromodichloromethane	6.426	83	113690	4.553	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	112989	4.357	ug/L	95
40) 4-Methyl-2-pentanone	7.150	43	420118	43.212	ug/L	97
42) Toluene	7.307	91	357322	4.550	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	95269	4.349	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	63936	4.244	ug/L	95
47) Tetrachloroethene	7.896	164	69394	4.272	ug/L	98
48) 2-Hexanone	8.069	43	317719	45.066	ug/L	94
49) Dibromochloromethane	8.169	129	72333	4.404	ug/L	99
50) 1,2-Dibromoethane	8.275	107	60271	4.315	ug/L	95
51) Chlorobenzene	8.805	112	233623	4.317	ug/L	98
52) Ethylbenzene	8.937	91	360508	4.327	ug/L	99
53) m,p-Xylene	9.066	106	135428	4.307	ug/L	96
54) o-Xylene	9.471	106	128083	4.184	ug/L	98
55) Styrene	9.490	104	242274	4.490	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	73433	4.169	ug/L	97
59) Bromoform	9.661	173	37306	4.572	ug/L	97
60) Isopropylbenzene	9.860	105	354676	4.392	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51577	4.297	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	260693	4.068	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	269696	4.221	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	188198	4.340	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	193362	4.411	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	173429	4.321	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	10836	4.022	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	124701	4.060	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	95233	3.751	ug/L	96
71) Naphthalene	13.435	128	125748	3.184	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	85469	3.643	ug/L	98

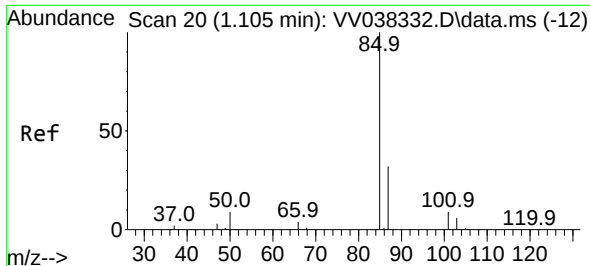
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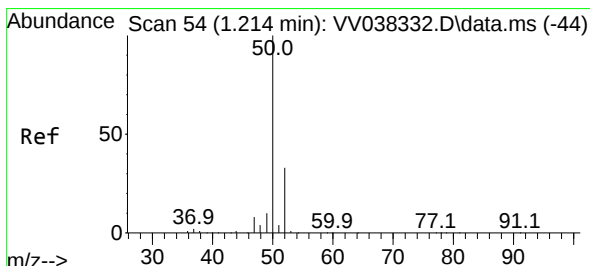
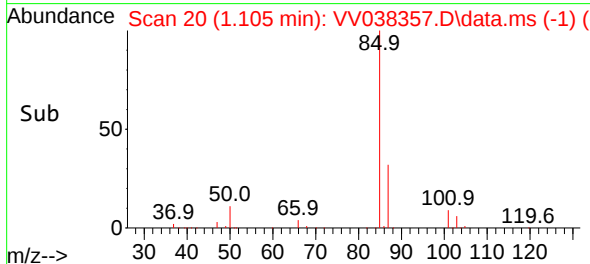
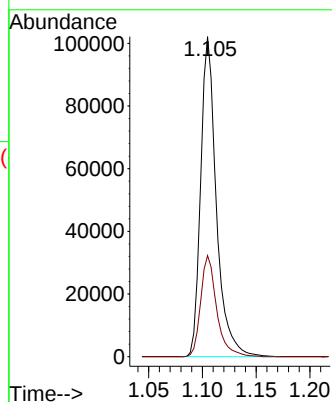
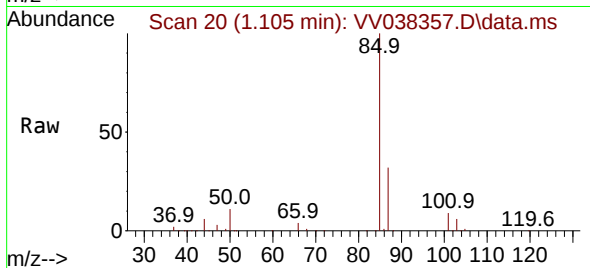




#2
 Dichlorodifluoromethane
 Concen: 4.411 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038357.D
 Acq: 26 Nov 2024 10:19

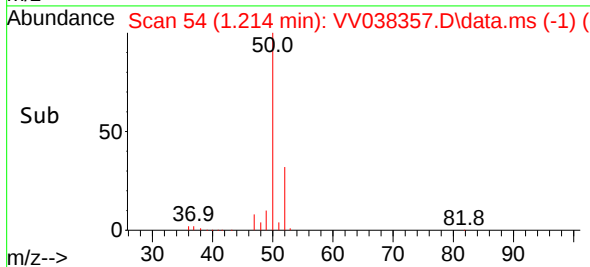
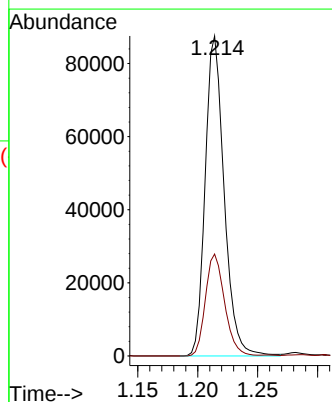
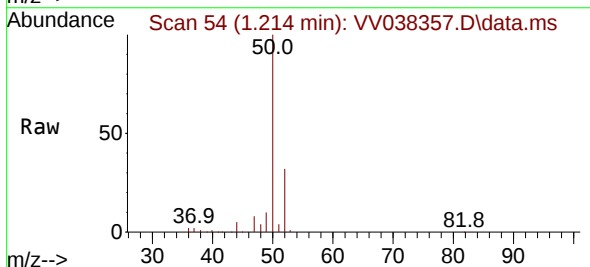
Instrument :
 MSVOA_V
 ClientSampleId :

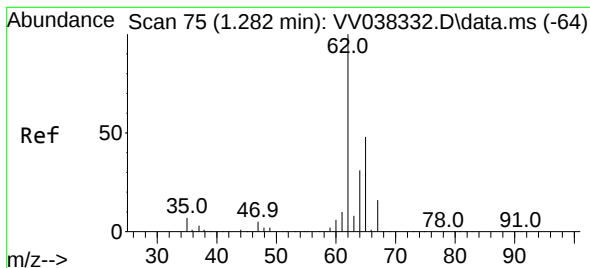
Tgt Ion: 85 Resp: 103399
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.5 39.7



#3
 Chloromethane
 Concen: 4.775 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038357.D
 Acq: 26 Nov 2024 10:19

Tgt Ion: 50 Resp: 96366
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.5 43.7





#5

Vinyl chloride

Concen: 4.399 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

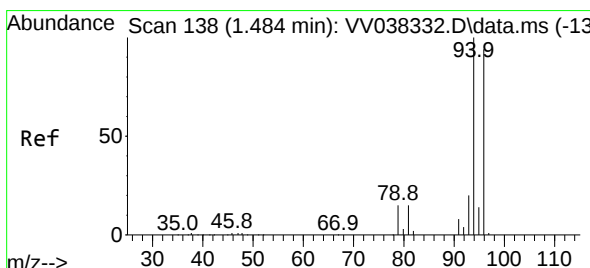
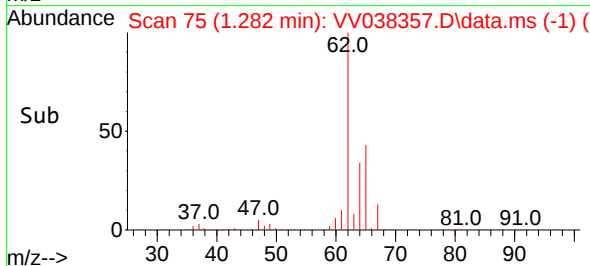
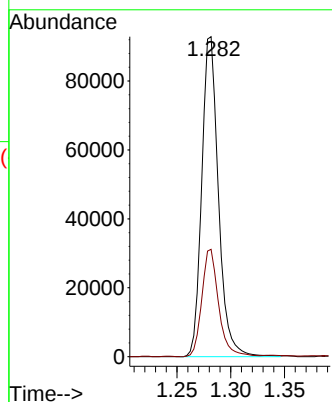
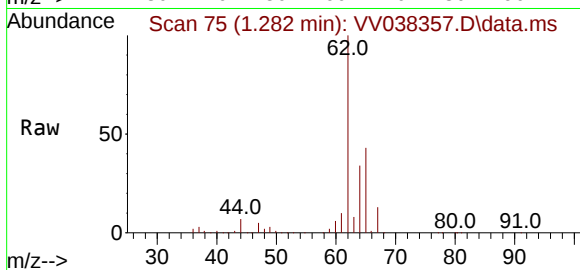
ClientSampleId :

Tgt Ion: 62 Resp: 100612

Ion Ratio Lower Upper

62 100

64 33.5 24.4 45.4



#6

Bromomethane

Concen: 6.578 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038357.D

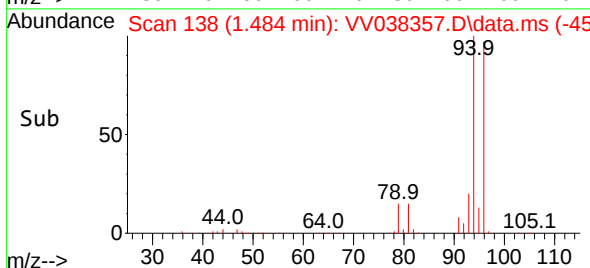
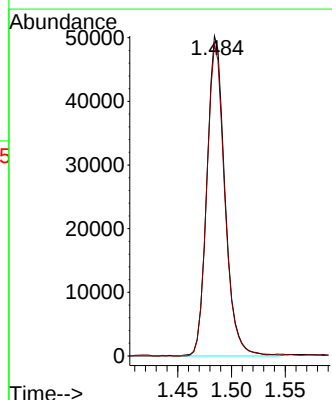
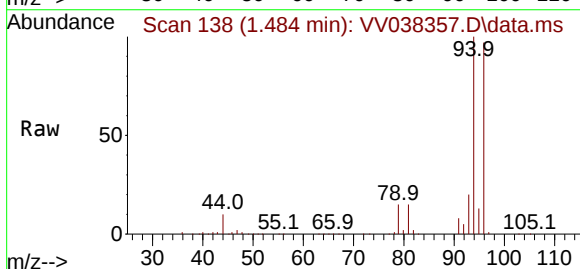
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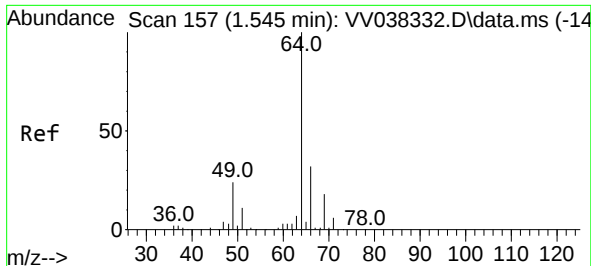
Tgt Ion: 94 Resp: 58661

Ion Ratio Lower Upper

94 100

96 97.2 63.7 118.3

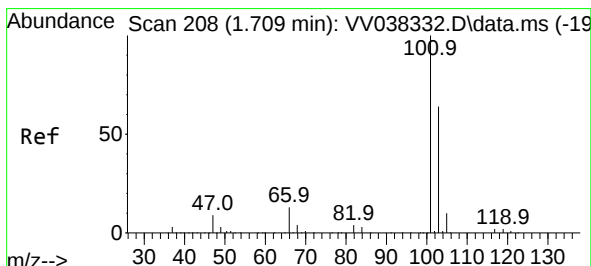
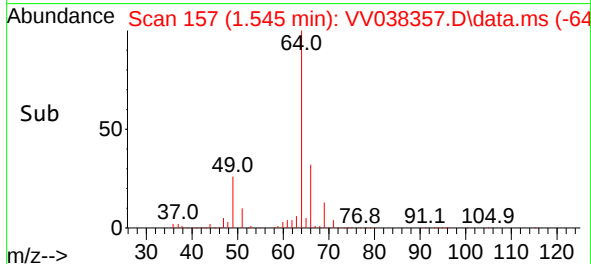
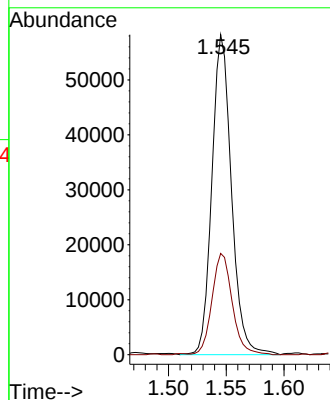
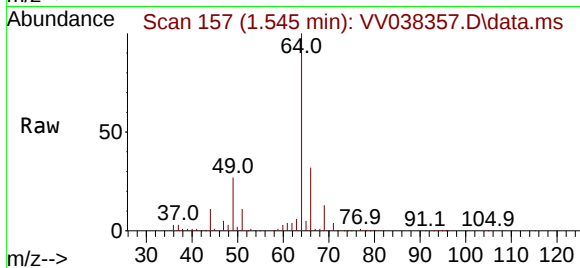




#8
Chloroethane
Concen: 4.697 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

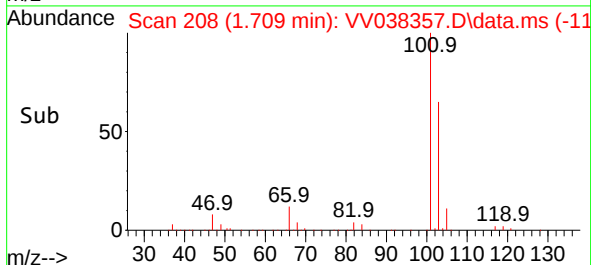
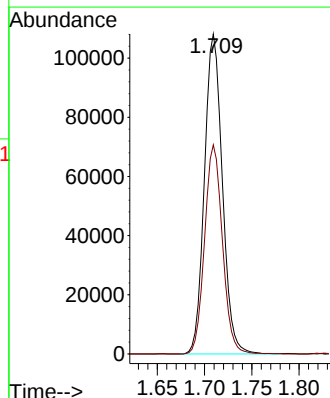
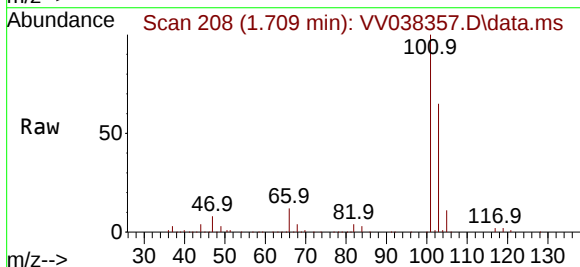
Instrument :
MSVOA_V
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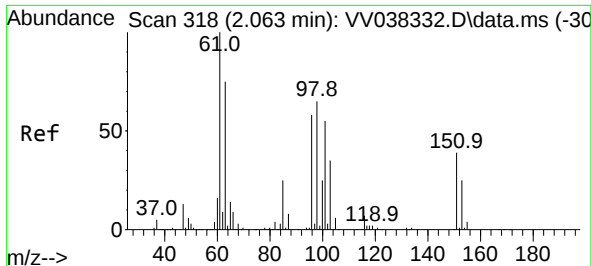
Tgt Ion: 64 Resp: 68448
Ion Ratio Lower Upper
64 100
66 31.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.385 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Tgt Ion:101 Resp: 142718
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3





#10

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

Concen: 4.671 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

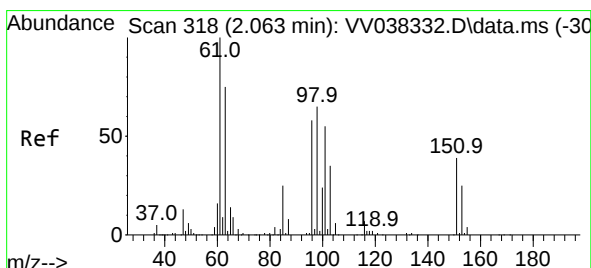
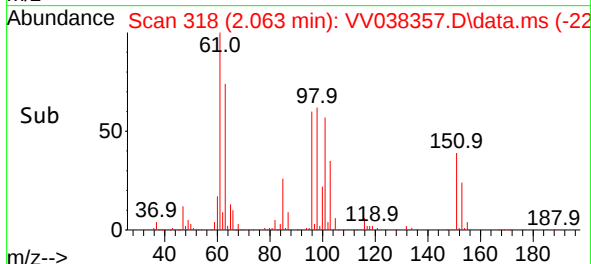
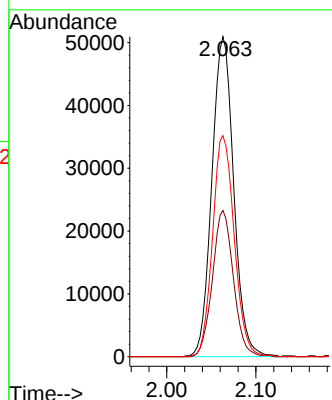
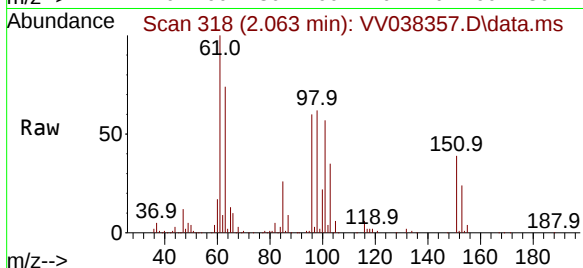
Tgt Ion:101 Resp: 86759

Ion Ratio Lower Upper

101 100

85 43.9 33.4 50.0

151 68.5 58.8 88.2



#12

1,1-Dichloroethene

Concen: 4.367 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

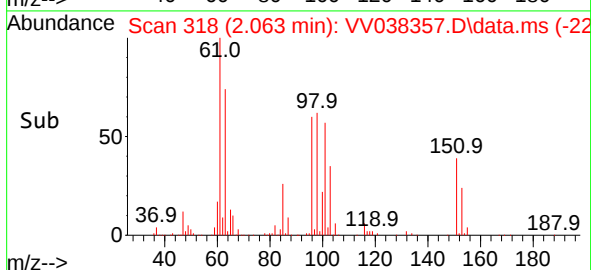
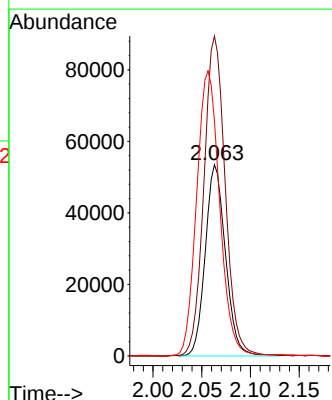
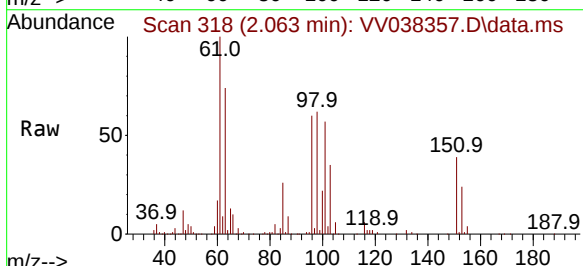
Tgt Ion: 96 Resp: 77267

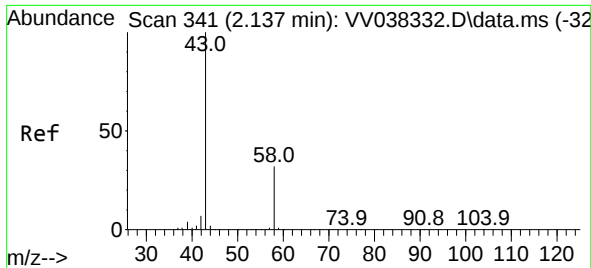
Ion Ratio Lower Upper

96 100

61 167.2 115.7 214.9

63 123.0 101.1 187.7





#13

Acetone

Concen: 43.659 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

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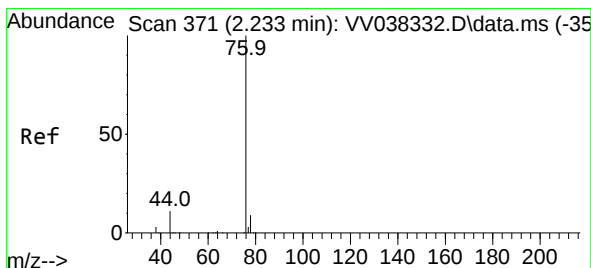
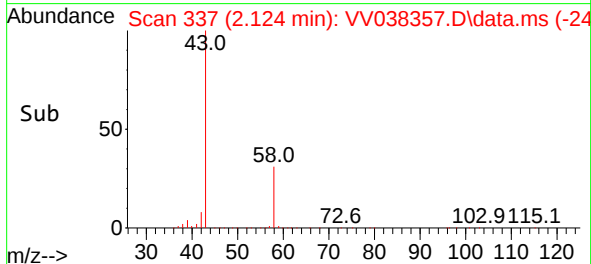
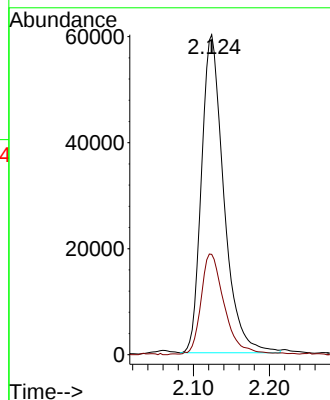
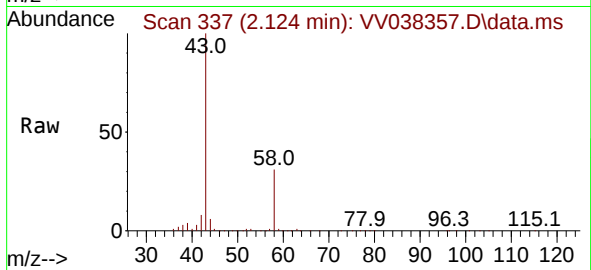
ClientSampleId :

Tgt Ion: 43 Resp: 122659

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.2



#14

Carbon disulfide

Concen: 4.090 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038357.D

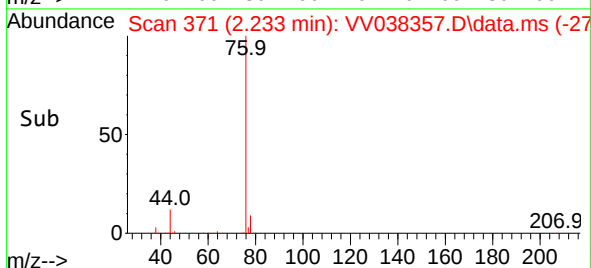
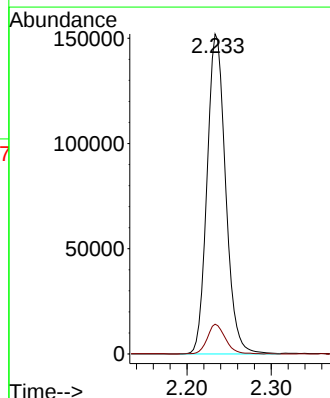
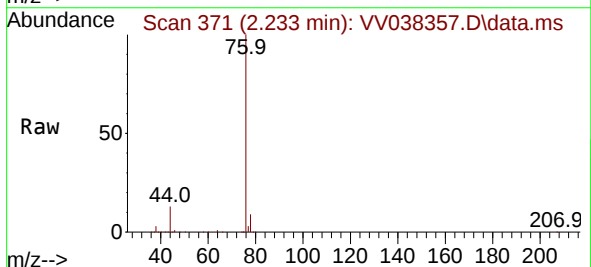
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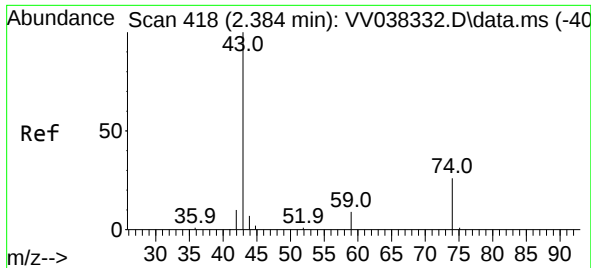
Tgt Ion: 76 Resp: 233150

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

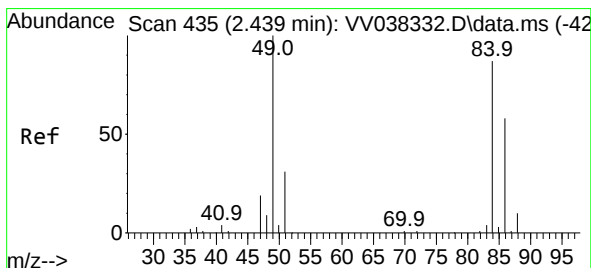
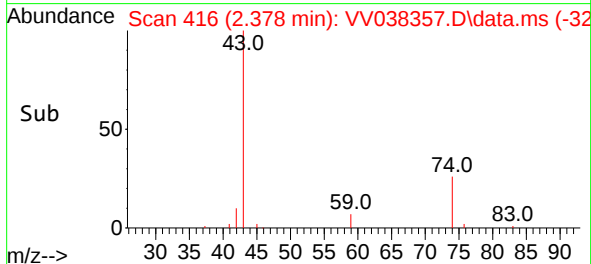
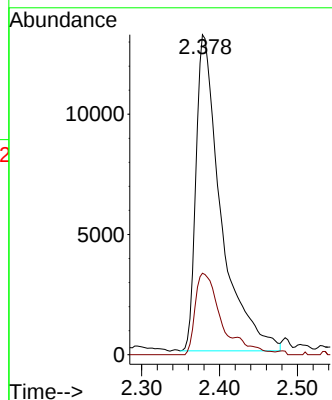
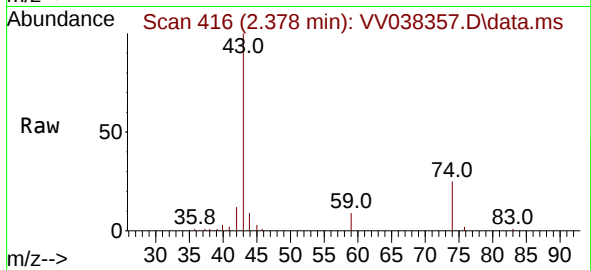




#15
Methyl Acetate
Concen: 4.279 ug/L
RT: 2.378 min Scan# 418
Delta R.T. -0.006 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

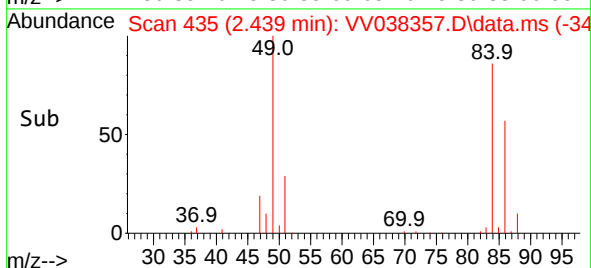
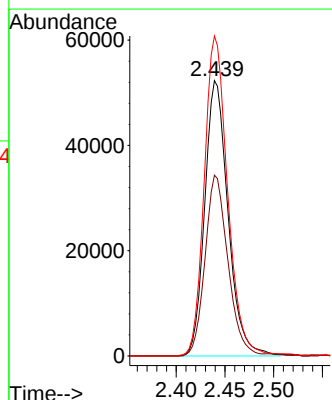
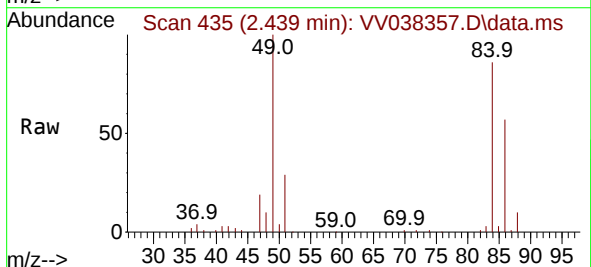
Instrument :
MSVOA_V
ClientSampleId :

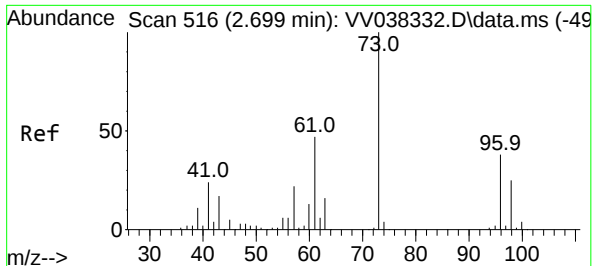
Tgt Ion: 43 Resp: 29195
Ion Ratio Lower Upper
43 100
74 23.5 22.4 33.6



#16
Methylene chloride
Concen: 4.318 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Tgt Ion: 84 Resp: 87139
Ion Ratio Lower Upper
84 100
86 65.7 44.2 82.2
49 116.2 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 4.029 ug/L

RT: 2.696 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

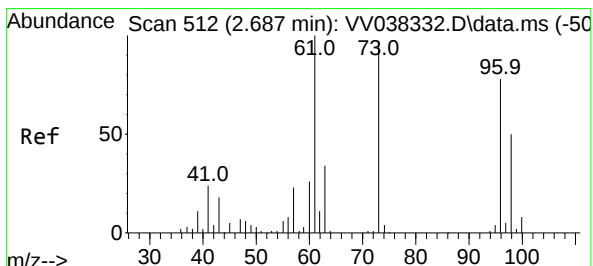
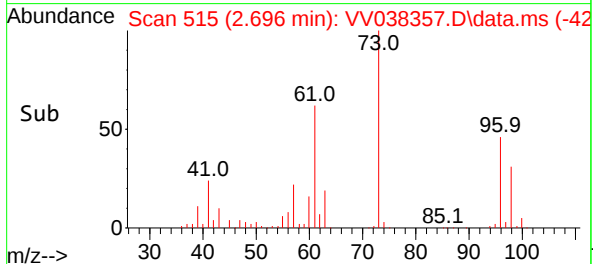
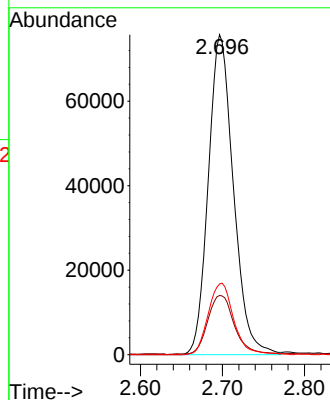
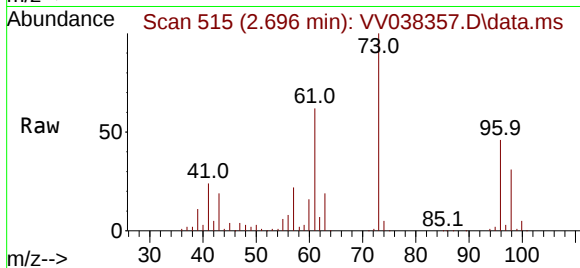
Tgt Ion: 73 Resp: 161169

Ion Ratio Lower Upper

73 100

43 19.1 14.2 21.2

57 22.6 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 4.389 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

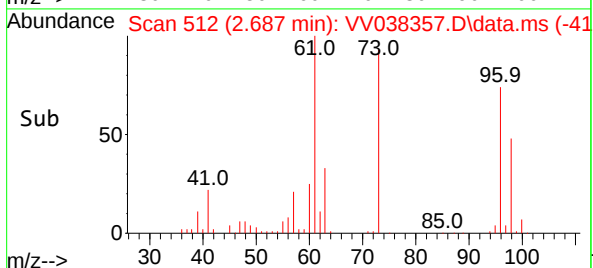
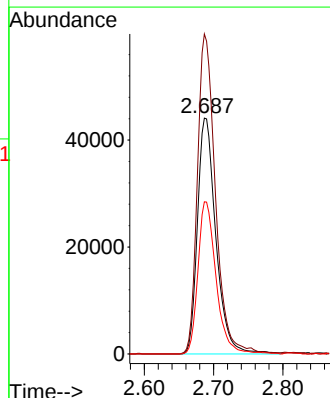
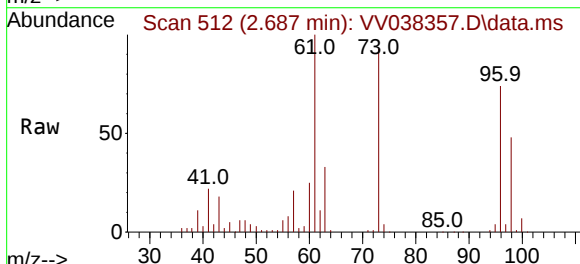
Tgt Ion: 96 Resp: 81819

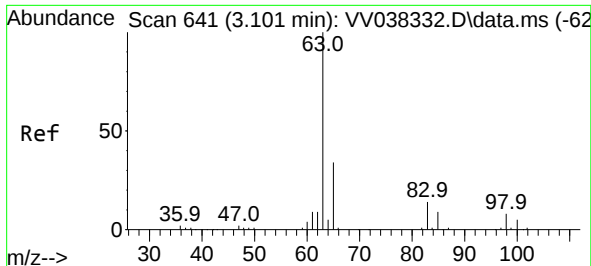
Ion Ratio Lower Upper

96 100

61 135.6 88.5 164.4

98 64.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.640 ug/L

RT: 3.101 min Scan# 641

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

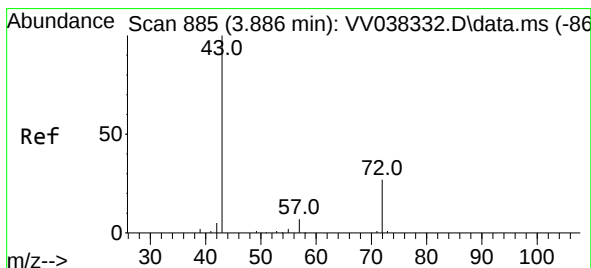
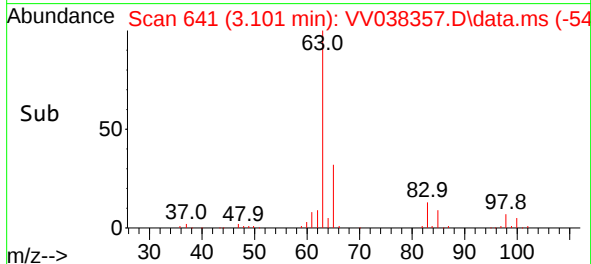
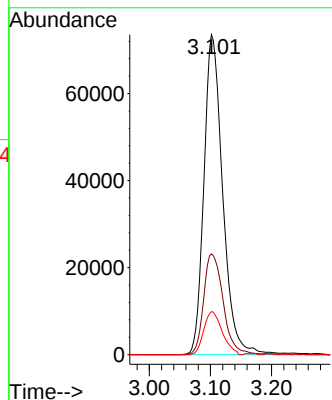
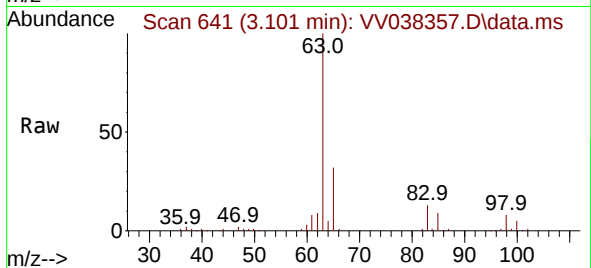
Tgt Ion: 63 Resp: 156990

Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.7

83 13.5 10.1 18.9



#21

2-Butanone

Concen: 39.956 ug/L

RT: 3.873 min Scan# 881

Delta R.T. -0.013 min

Lab File: VV038357.D

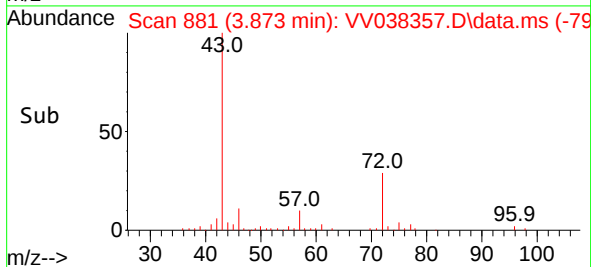
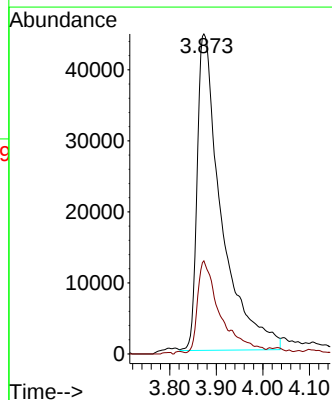
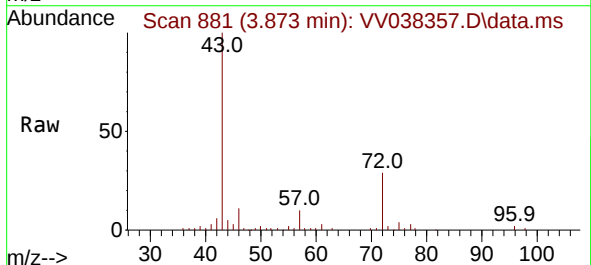
Acq: 26 Nov 2024 10:19

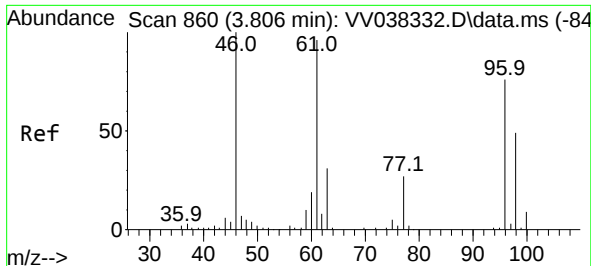
Tgt Ion: 43 Resp: 161112

Ion Ratio Lower Upper

43 100

72 27.3 13.0 39.0

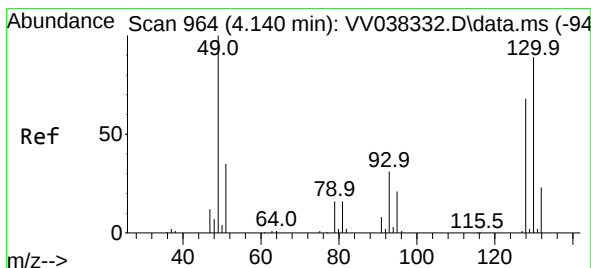
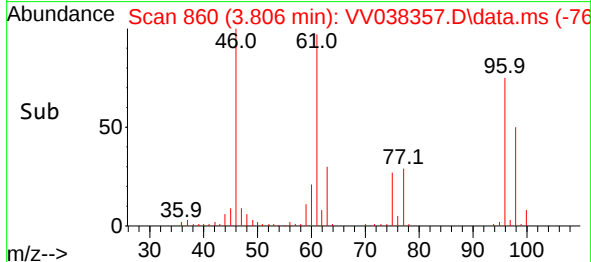
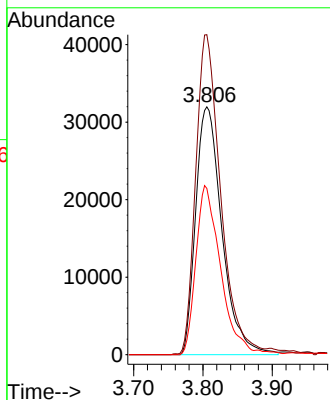
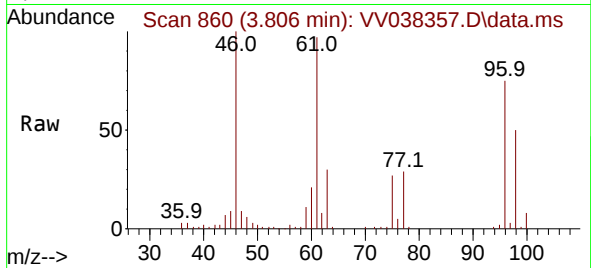




#22
 cis-1,2-Dichloroethene
 Concen: 4.375 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038357.D
 Acq: 26 Nov 2024 10:19

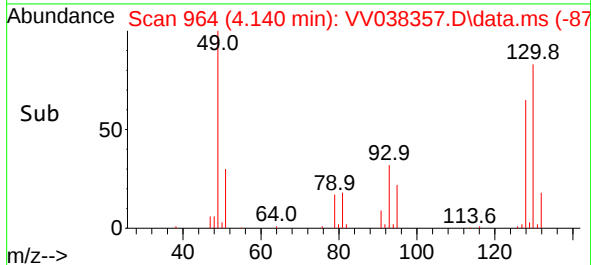
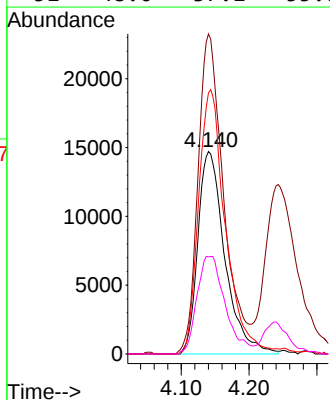
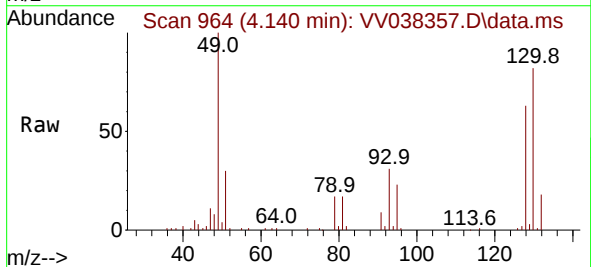
Instrument :
 MSVOA_V
 ClientSampleId :

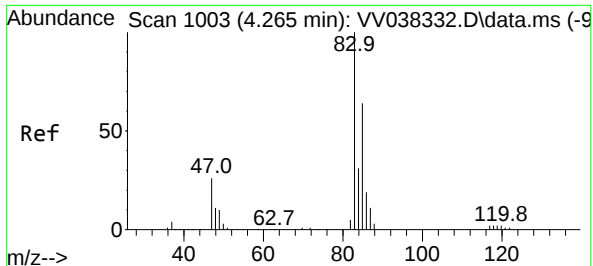
Tgt Ion: 96 Resp: 84332
 Ion Ratio Lower Upper
 96 100
 61 129.1 82.7 153.5
 98 67.1 46.3 85.9



#23
 Bromochloromethane
 Concen: 4.316 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VV038357.D
 Acq: 26 Nov 2024 10:19

Tgt Ion:128 Resp: 40613
 Ion Ratio Lower Upper
 128 100
 49 158.2 102.8 190.8
 130 129.0 93.6 173.8
 51 48.0 37.1 55.7

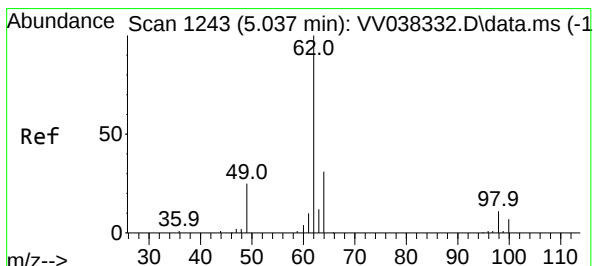
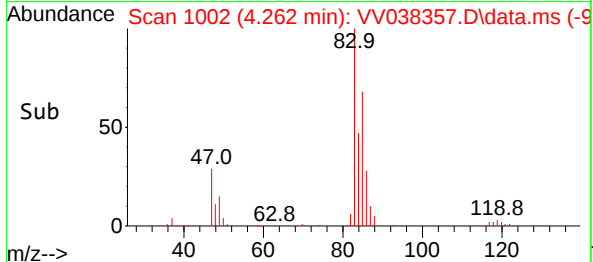
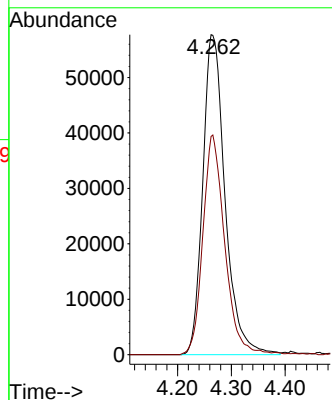
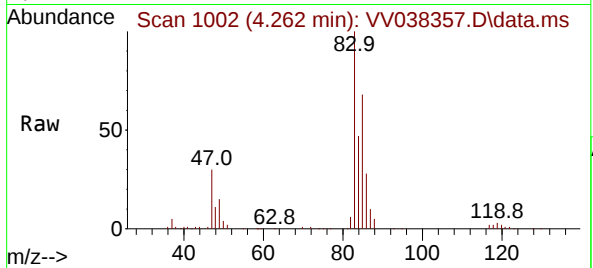




#25
Chloroform
Concen: 4.591 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. -0.003 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

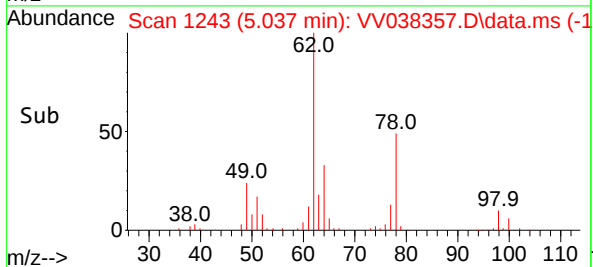
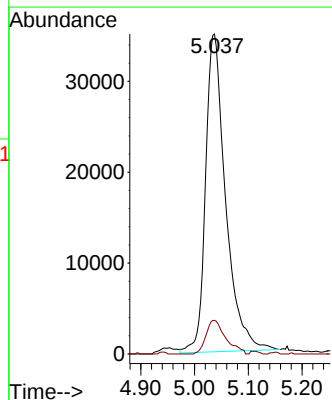
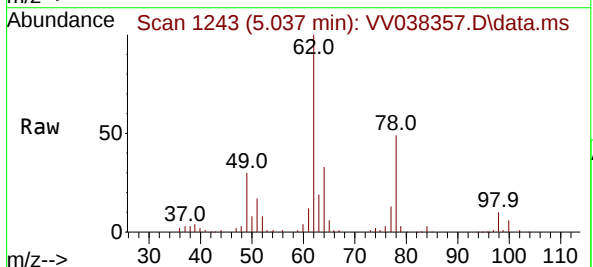
Instrument :
MSVOA_V
ClientSampleId :

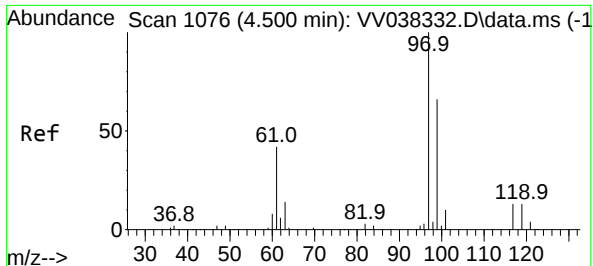
Tgt Ion: 83 Resp: 166187
Ion Ratio Lower Upper
83 100
85 68.2 46.5 86.3



#27
1,2-Dichloroethane
Concen: 4.610 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Tgt Ion: 62 Resp: 90793
Ion Ratio Lower Upper
62 100
98 10.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.514 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

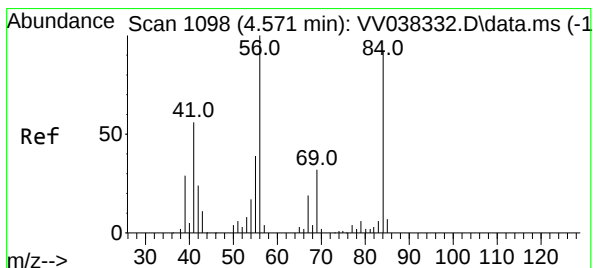
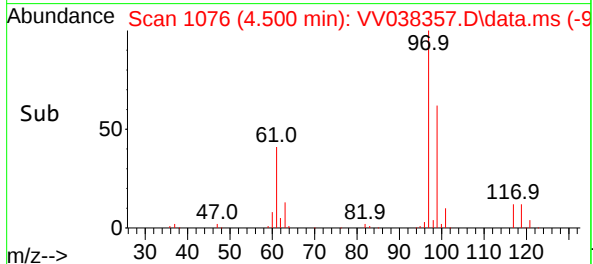
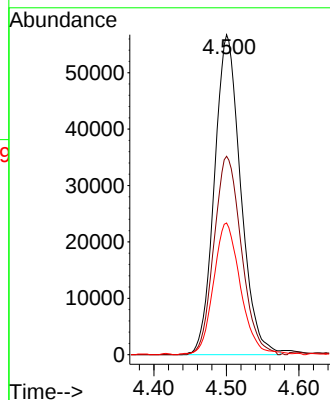
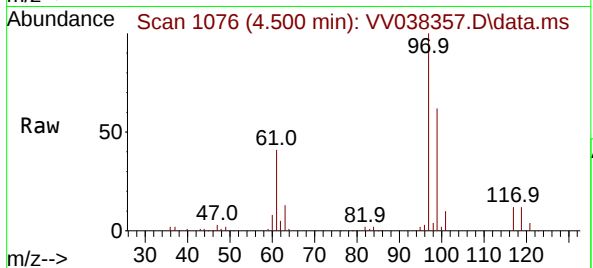
Tgt Ion: 97 Resp: 142928

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 42.3 32.2 48.2



#30

Cyclohexane

Concen: 4.107 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

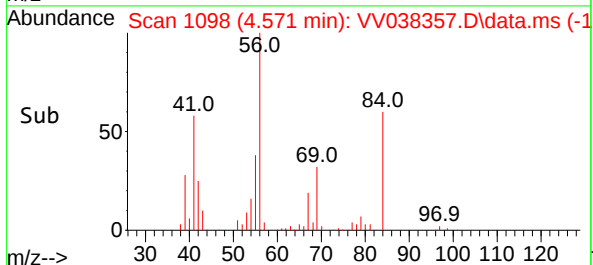
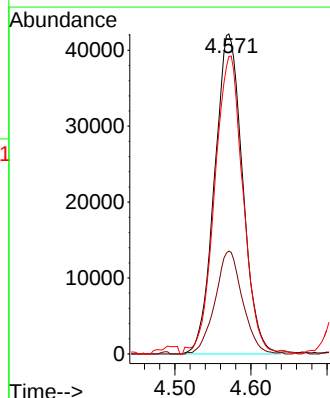
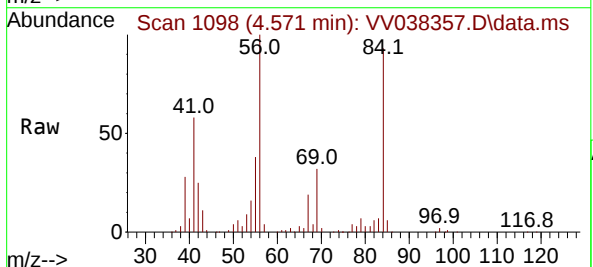
Tgt Ion: 56 Resp: 107855

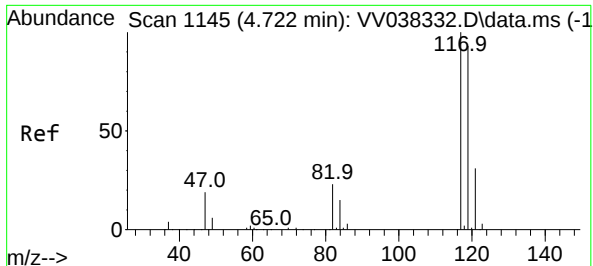
Ion Ratio Lower Upper

56 100

69 31.5 26.0 39.0

84 93.8 75.6 113.4

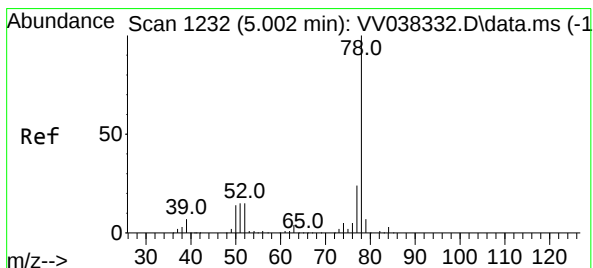
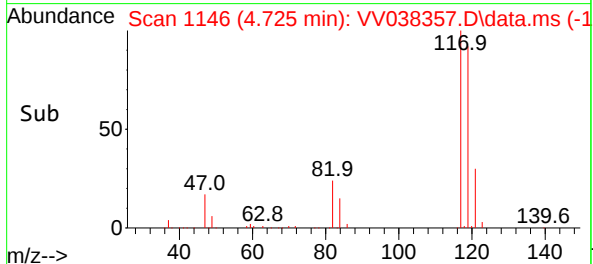
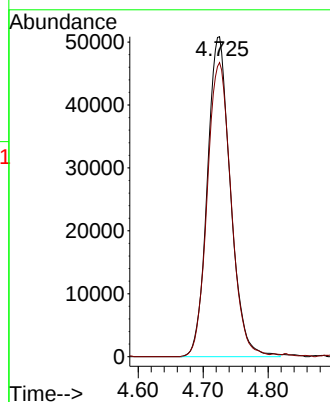
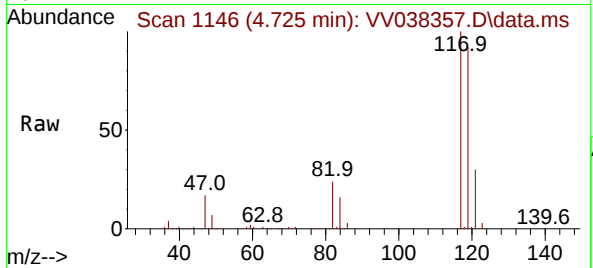




#31
Carbon tetrachloride
Concen: 4.502 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

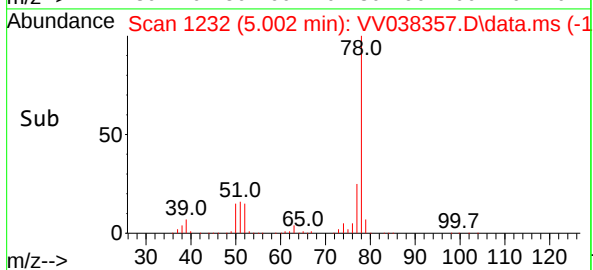
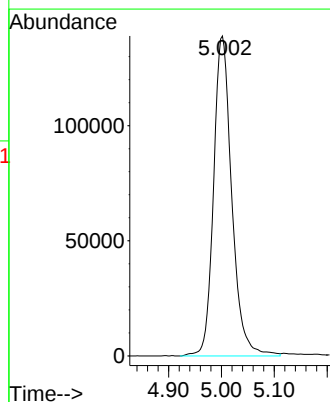
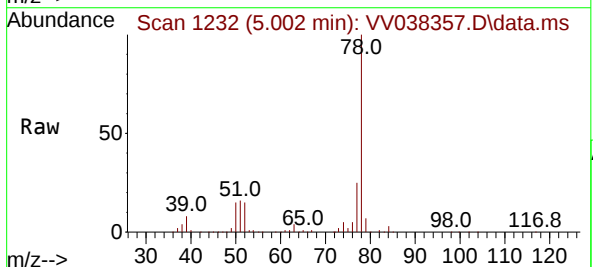
Instrument :
MSVOA_V
ClientSampleId :

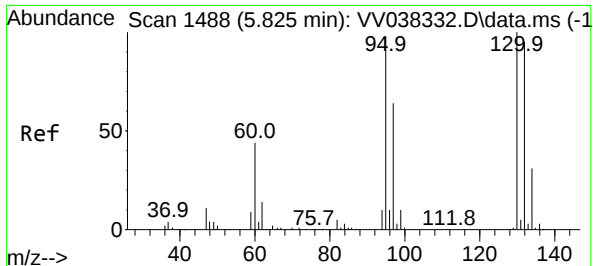
Tgt Ion:117 Resp: 125755
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.2



#33
Benzene
Concen: 4.489 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

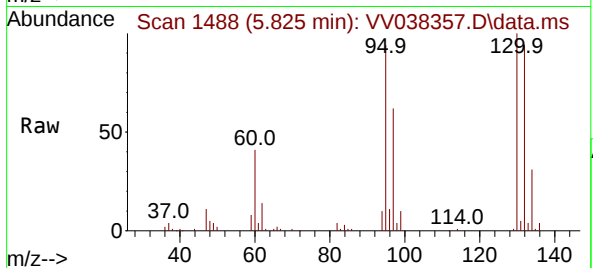
Tgt Ion: 78 Resp: 332885



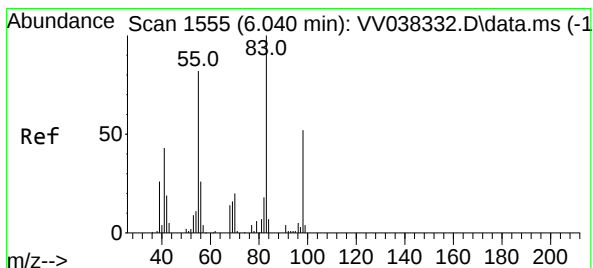
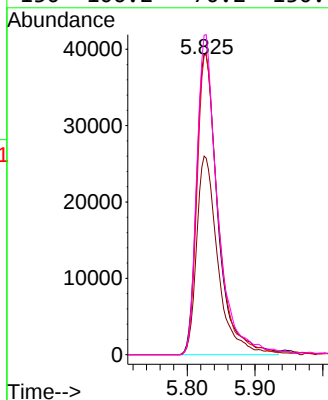
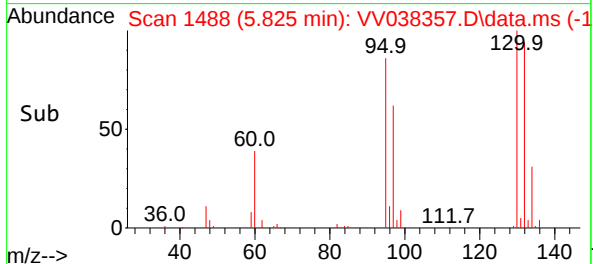


#34
Trichloroethene
Concen: 4.263 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

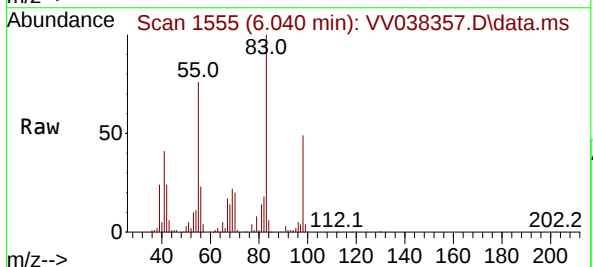
Instrument :
MSVOA_V
ClientSampleId :



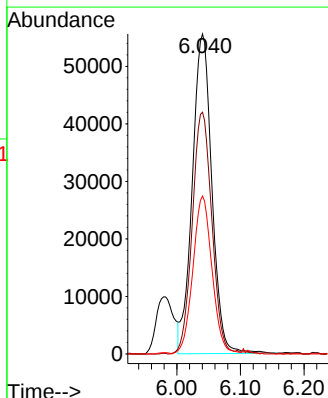
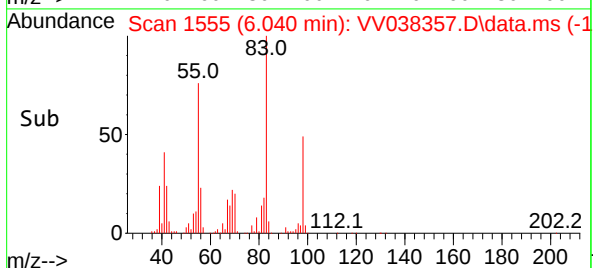
Tgt Ion	95	Resp:	86185
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.8	83.2
132	99.4	68.3	126.8
130	106.2	70.2	130.4

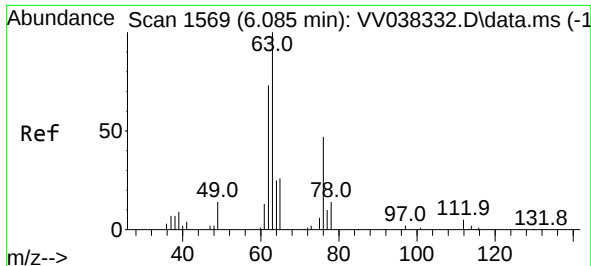


#35
Methylcyclohexane
Concen: 4.156 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19



Tgt Ion	83	Resp:	118856
Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.7	89.5
98	48.1	39.0	58.4





#37

1,2-Dichloropropane

Concen: 4.599 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

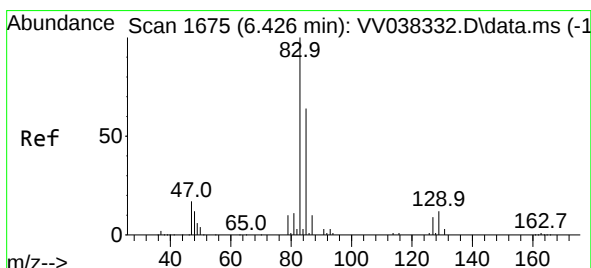
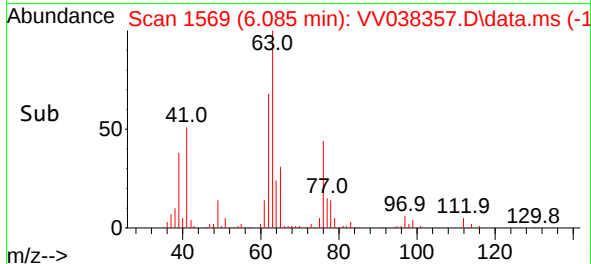
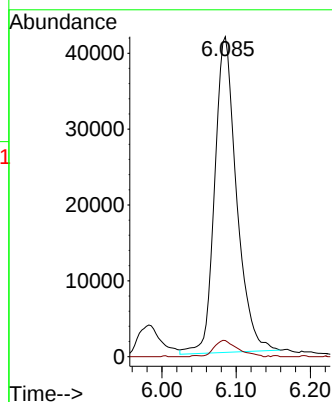
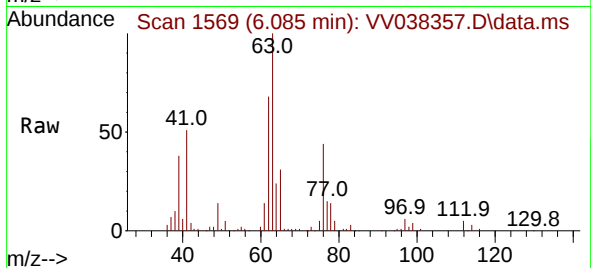
ClientSampleId :

Tgt Ion: 63 Resp: 85424

Ion Ratio Lower Upper

63 100

112 5.5 3.9 5.9



#38

Bromodichloromethane

Concen: 4.553 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

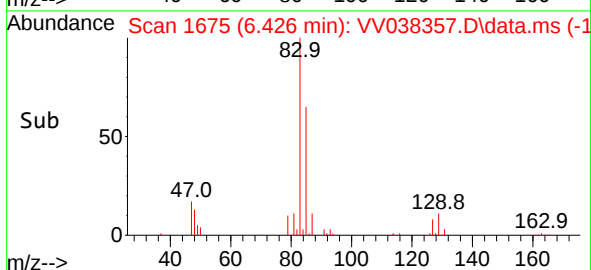
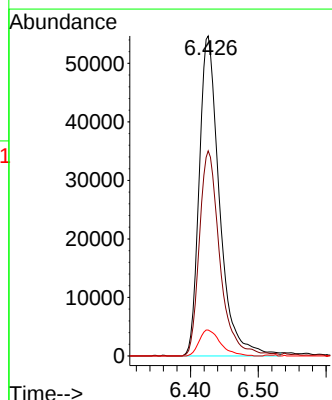
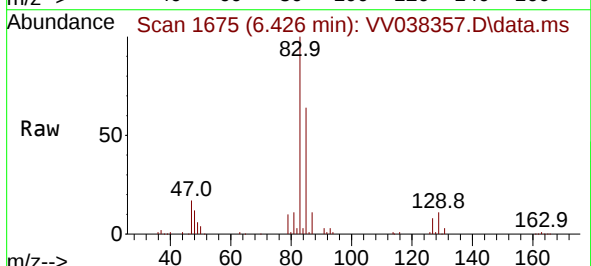
Tgt Ion: 83 Resp: 113690

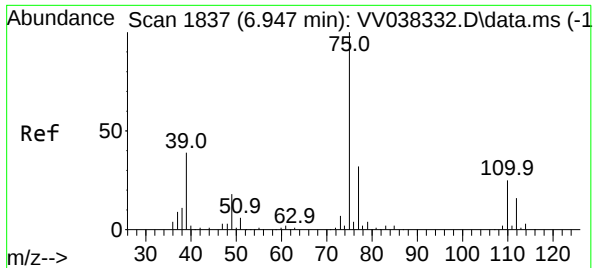
Ion Ratio Lower Upper

83 100

85 64.1 43.9 81.5

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.357 ug/L

RT: 6.947 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

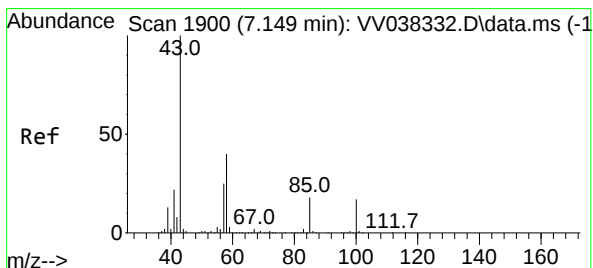
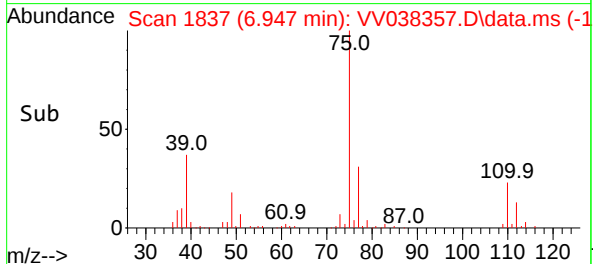
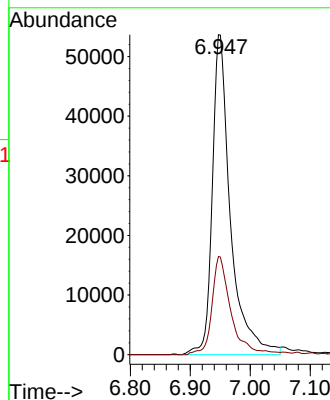
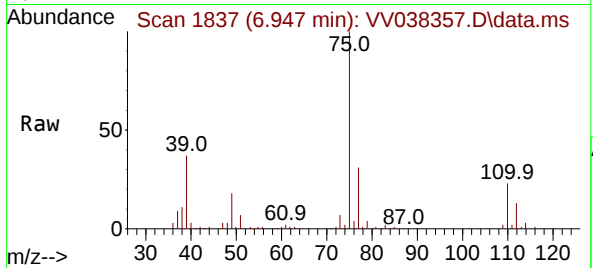
ClientSampleId :

Tgt Ion: 75 Resp: 112989

Ion Ratio Lower Upper

75 100

77 30.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 43.212 ug/L

RT: 7.150 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

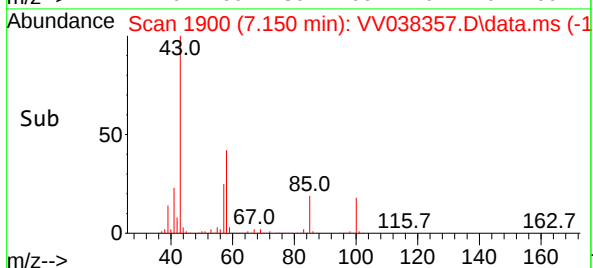
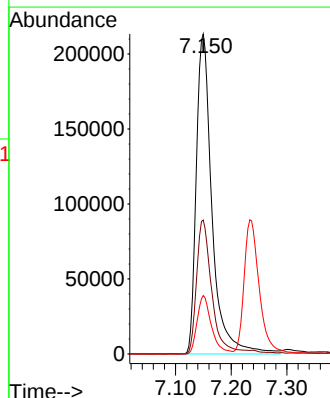
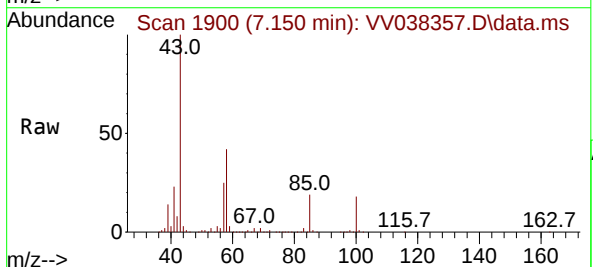
Tgt Ion: 43 Resp: 420118

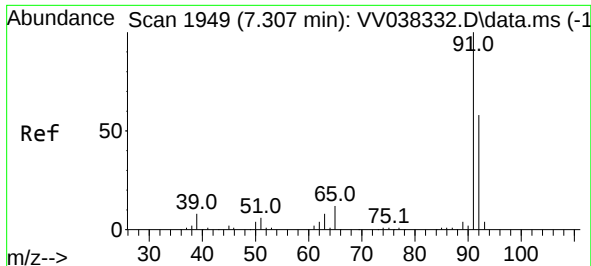
Ion Ratio Lower Upper

43 100

58 40.3 33.4 50.2

100 16.5 14.3 21.5





#42

Toluene

Concen: 4.550 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

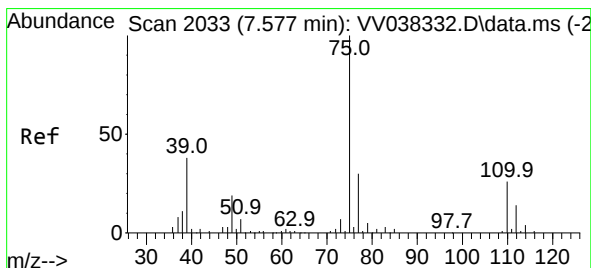
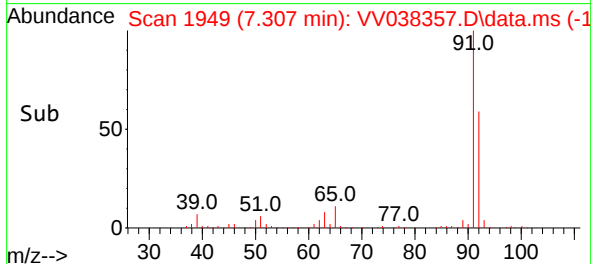
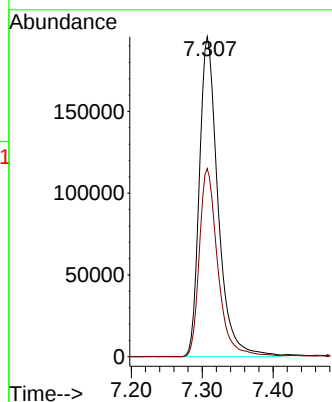
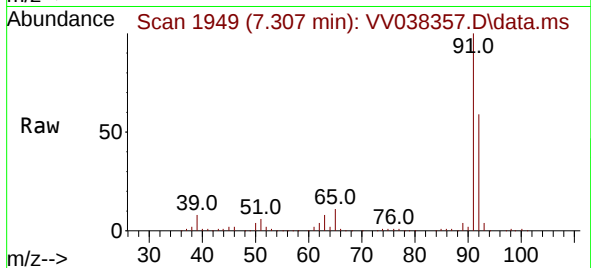
ClientSampleId :

Tgt Ion: 91 Resp: 357322

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.349 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038357.D

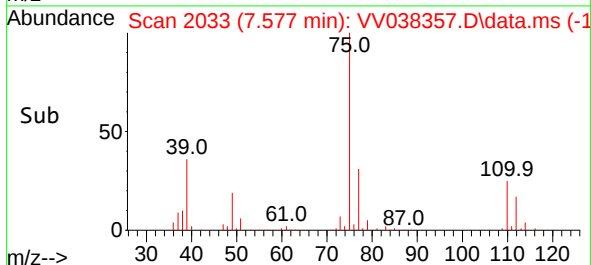
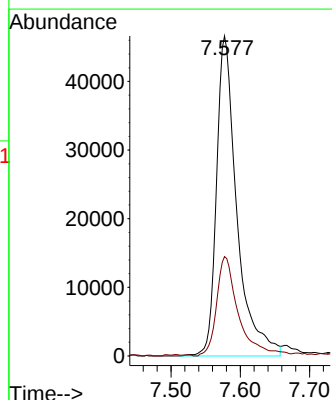
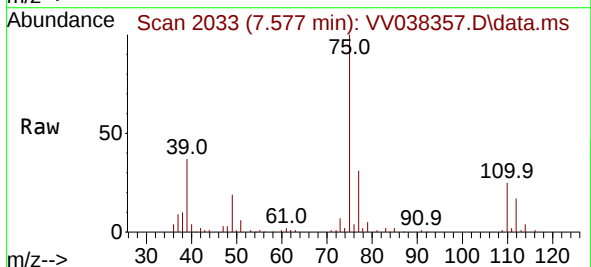
Acq: 26 Nov 2024 10:19

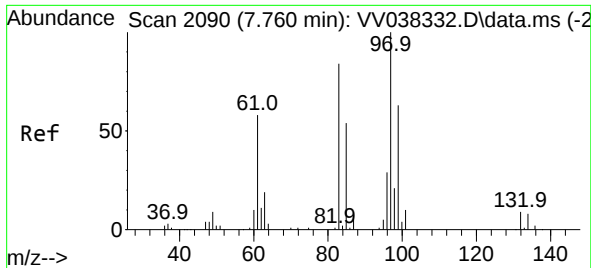
Tgt Ion: 75 Resp: 95269

Ion Ratio Lower Upper

75 100

77 31.1 23.4 43.4

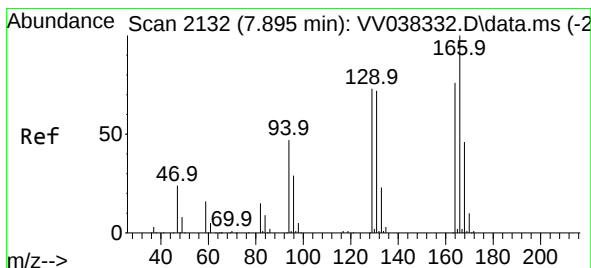
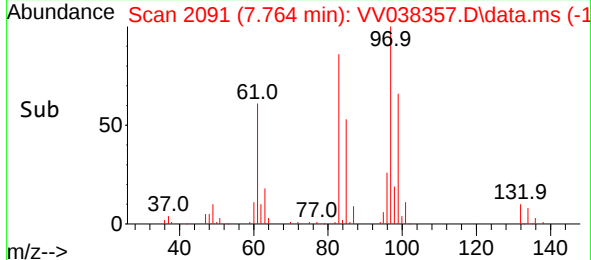
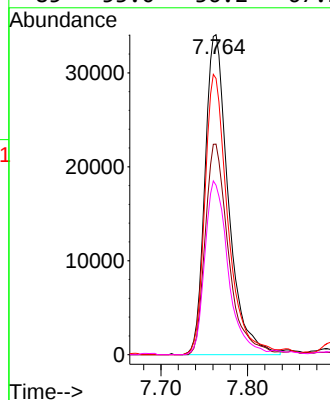
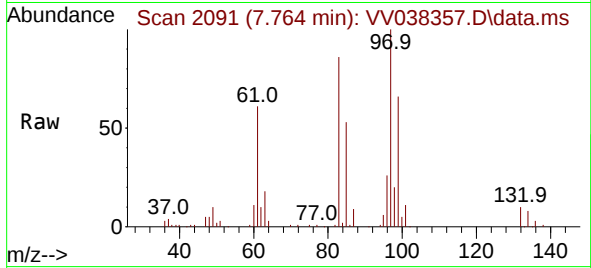




#45
1,1,2-Trichloroethane
Concen: 4.244 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

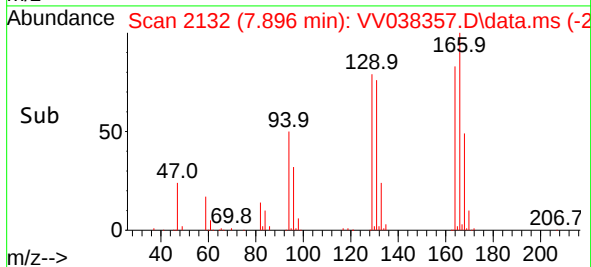
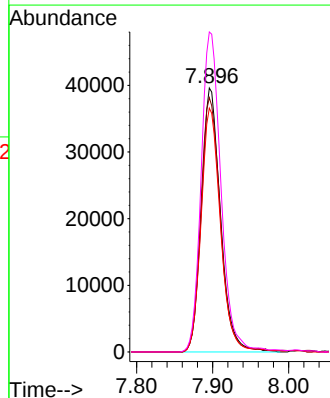
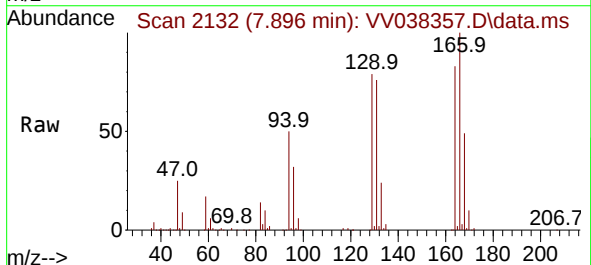
Instrument :
MSVOA_V
ClientSampleId :

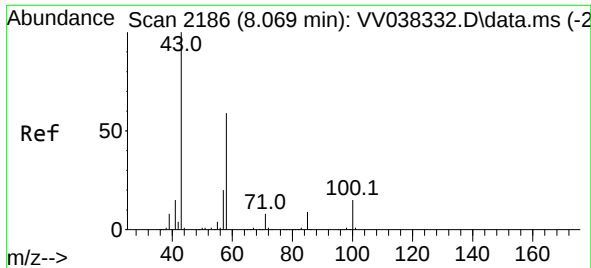
Tgt Ion:	97	Resp:	63936
Ion	Ratio	Lower	Upper
97	100		
99	65.8	41.9	77.7
83	86.3	57.7	107.1
85	53.0	36.2	67.2



#47
Tetrachloroethene
Concen: 4.272 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

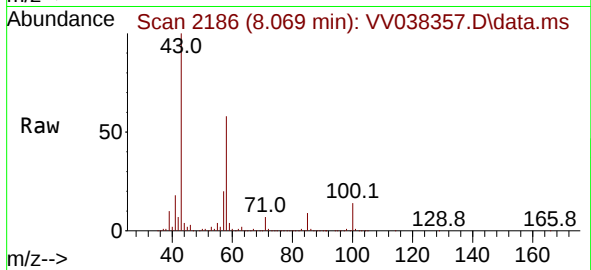
Tgt Ion:	164	Resp:	69394
Ion	Ratio	Lower	Upper
164	100		
129	96.3	68.5	127.1
131	92.4	64.8	120.4
166	121.2	88.3	163.9



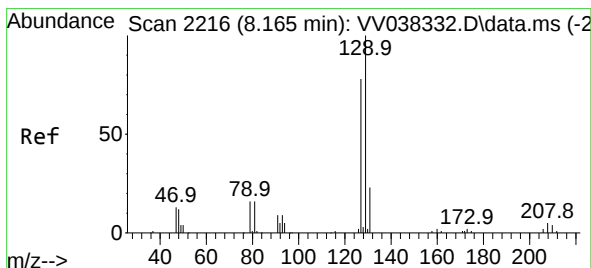
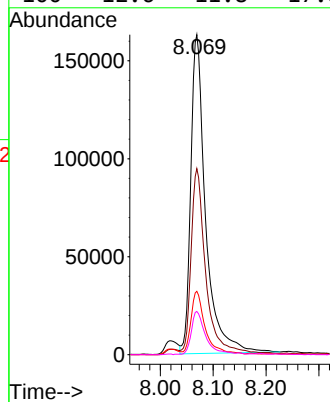
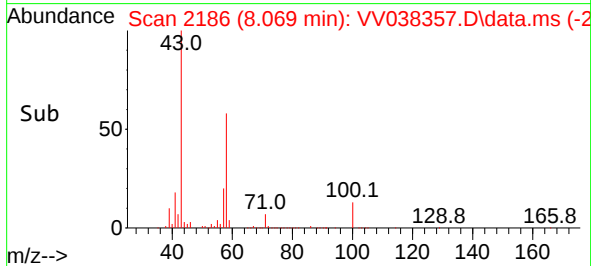


#48
2-Hexanone
Concen: 45.066 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Instrument :
MSVOA_V
ClientSampleId :

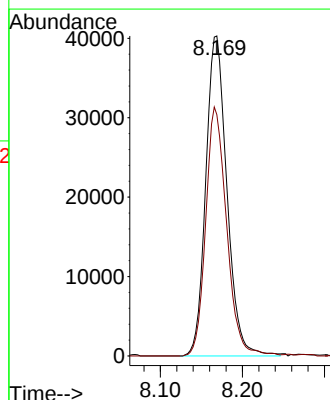
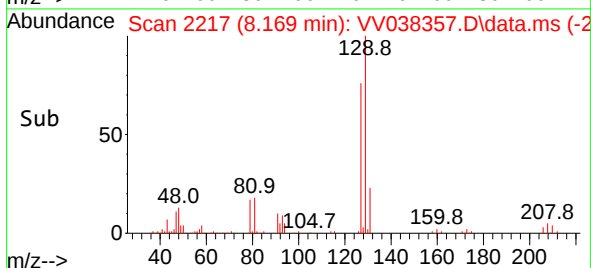
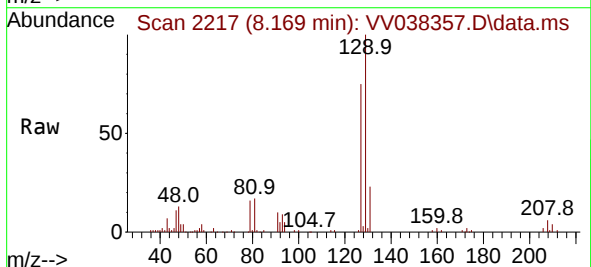


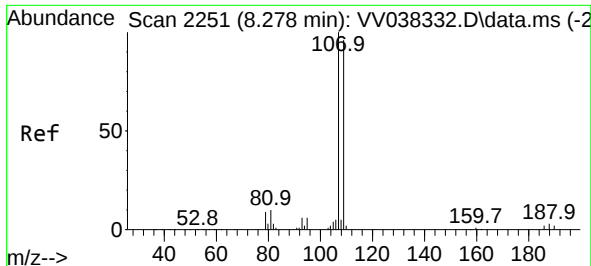
Tgt Ion: 43 Resp: 317719
Ion Ratio Lower Upper
43 100
58 56.4 49.2 73.8
57 18.8 16.9 25.3
100 12.6 11.8 17.8



#49
Dibromochloromethane
Concen: 4.404 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Tgt Ion: 129 Resp: 72333
Ion Ratio Lower Upper
129 100
127 75.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.315 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

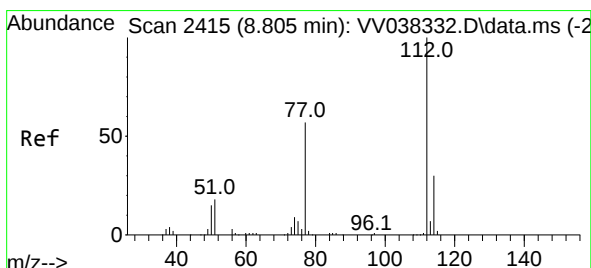
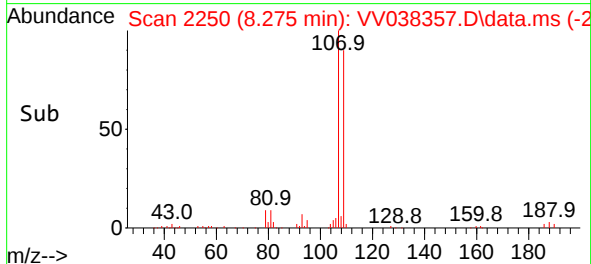
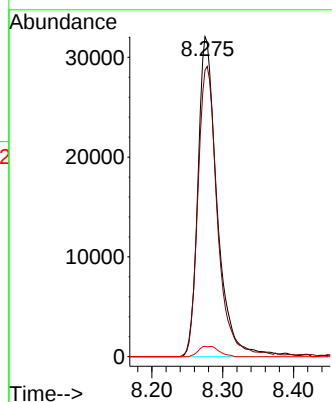
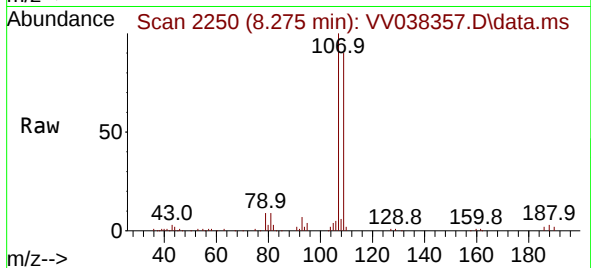
Tgt Ion:107 Resp: 60271

Ion Ratio Lower Upper

107 100

109 89.5 66.1 122.7

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 4.317 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

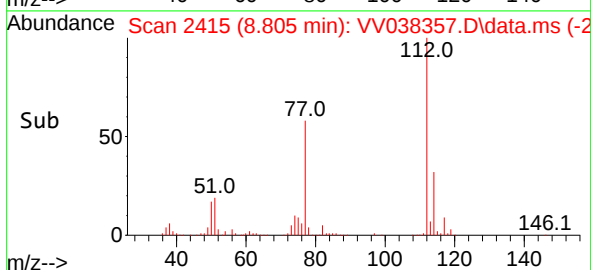
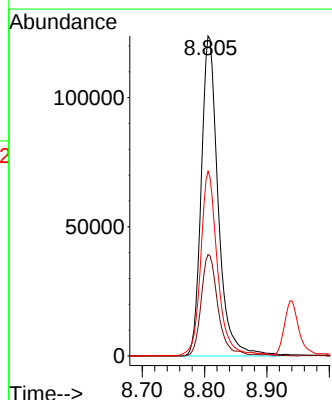
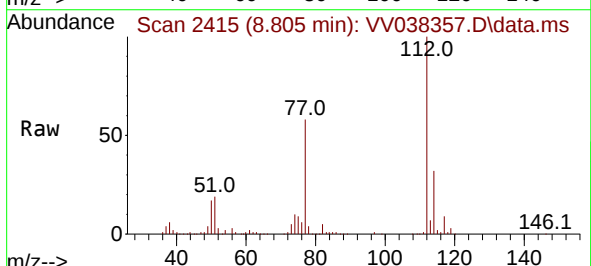
Tgt Ion:112 Resp: 233623

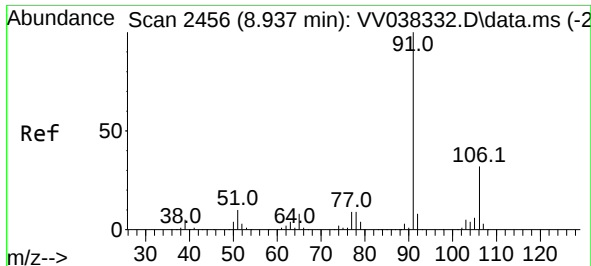
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 57.7 45.0 67.4





#52

Ethylbenzene

Concen: 4.327 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

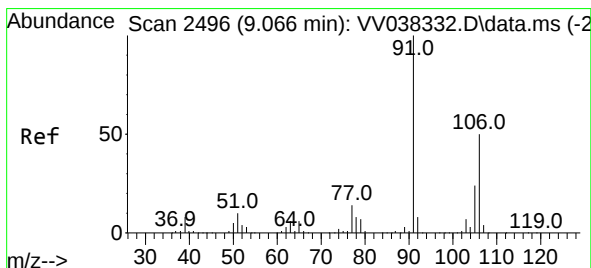
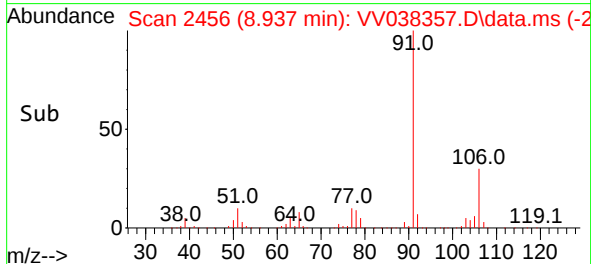
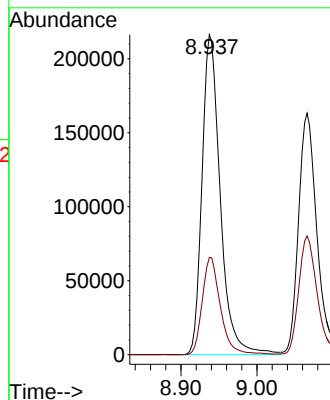
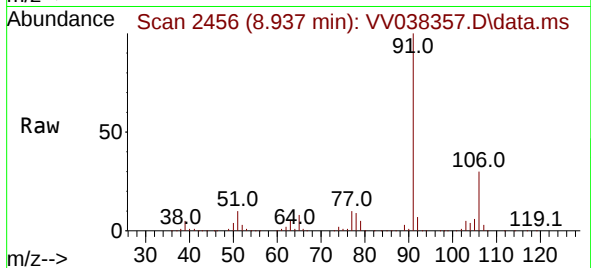
ClientSampleId :

Tgt Ion: 91 Resp: 360508

Ion Ratio Lower Upper

91 100

106 30.4 21.8 40.4



#53

m,p-Xylene

Concen: 4.307 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV038357.D

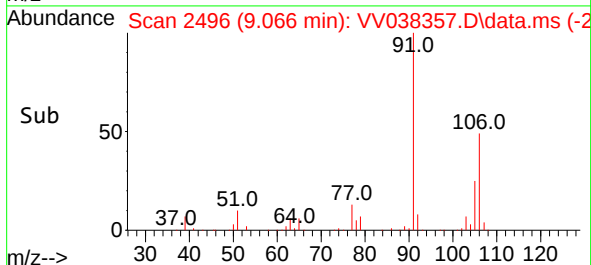
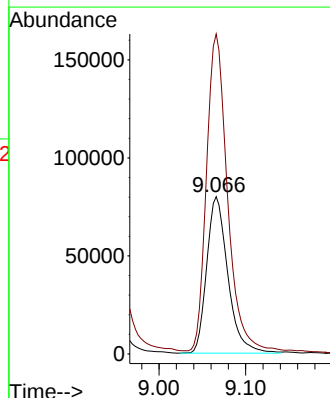
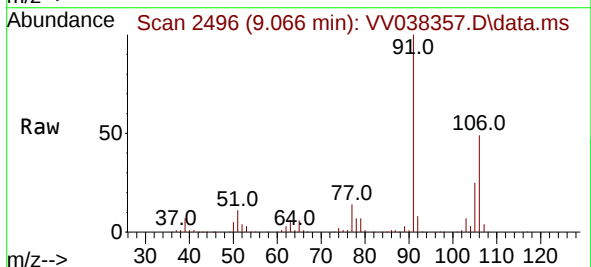
Acq: 26 Nov 2024 10:19

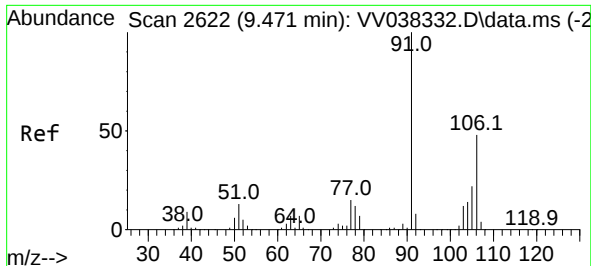
Tgt Ion: 106 Resp: 135428

Ion Ratio Lower Upper

106 100

91 203.4 138.7 257.5

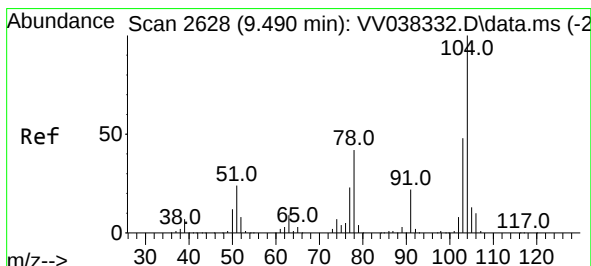
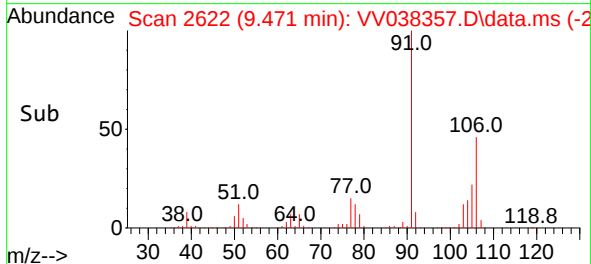
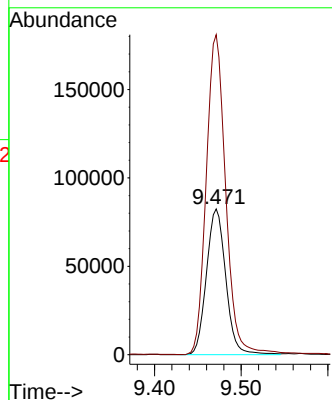
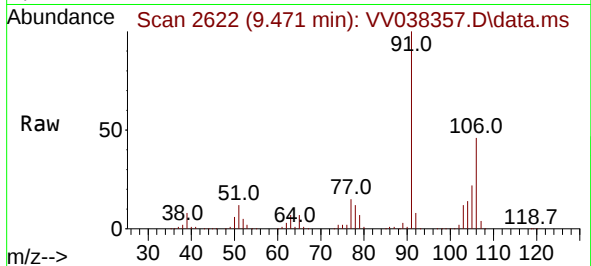




#54
o-Xylene
Concen: 4.184 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

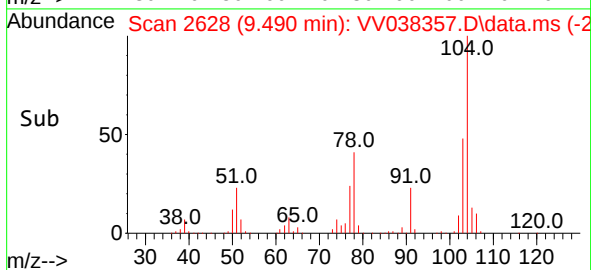
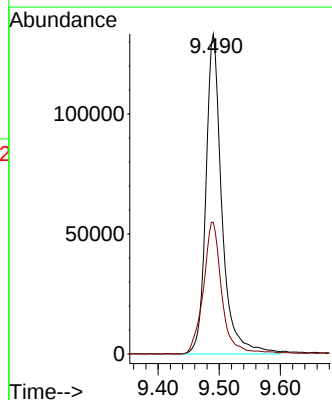
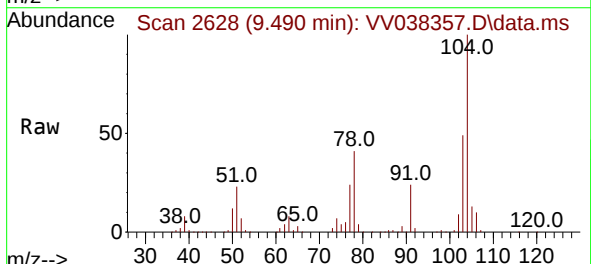
Instrument :
MSVOA_V
ClientSampleId :

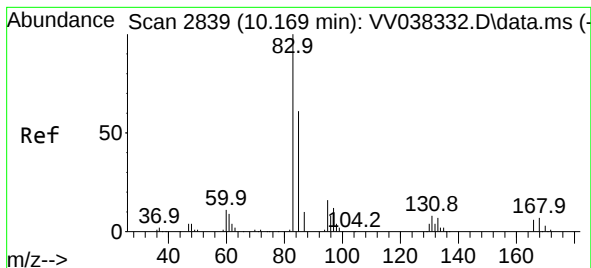
Tgt Ion:106 Resp: 128083
Ion Ratio Lower Upper
106 100
91 219.5 155.5 288.7



#55
Styrene
Concen: 4.490 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Tgt Ion:104 Resp: 242274
Ion Ratio Lower Upper
104 100
78 41.1 29.7 55.1

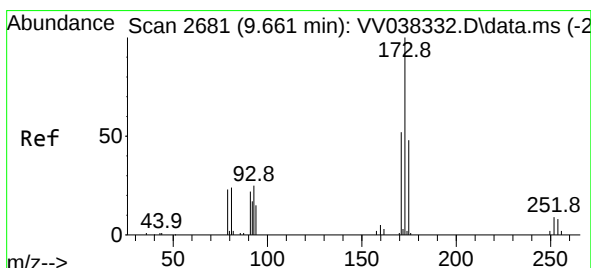
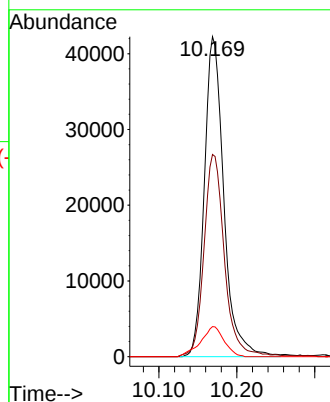
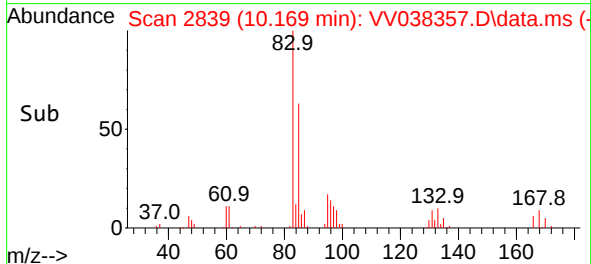
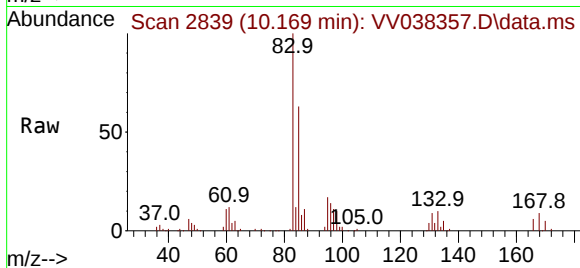




#57
1,1,2,2-Tetrachloroethane
Concen: 4.169 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

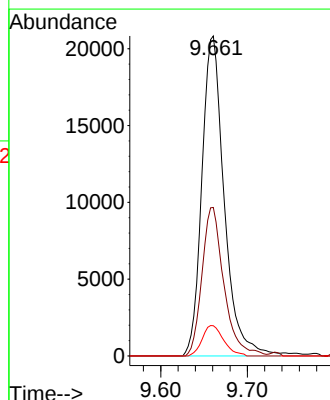
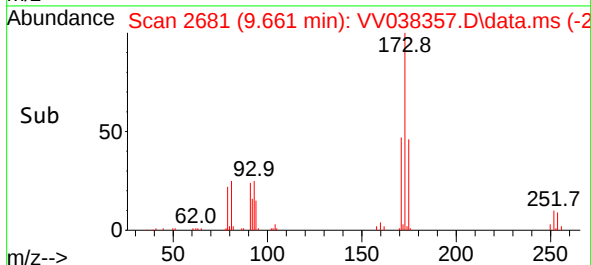
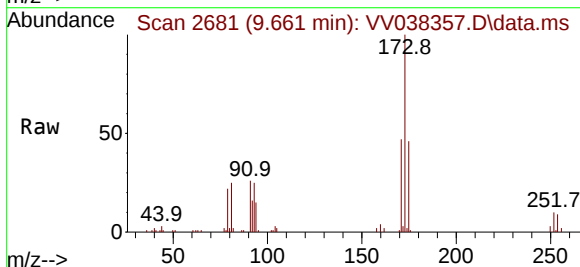
Instrument :
MSVOA_V
ClientSampleId :

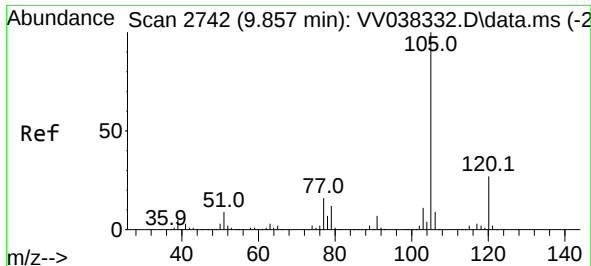
Tgt Ion:	83	Resp:	73433
Ion Ratio	Lower	Upper	
83	100		
85	63.2	45.7	84.9
131	9.4	8.2	12.4



#59
Bromoform
Concen: 4.572 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

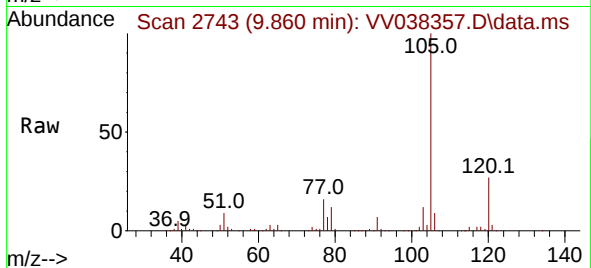
Tgt Ion:	173	Resp:	37306
Ion Ratio	Lower	Upper	
173	100		
175	45.5	38.5	57.7
254	9.1	6.9	10.3



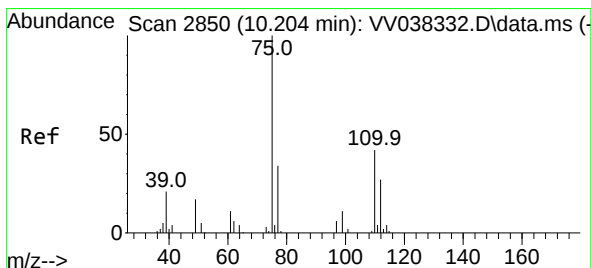
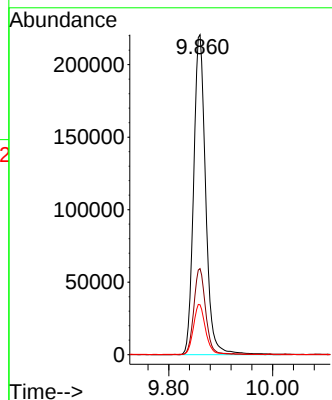
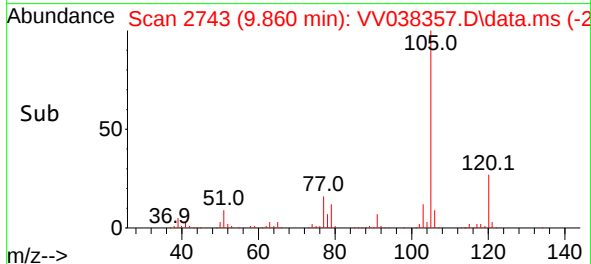


#60
Isopropylbenzene
Concen: 4.392 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

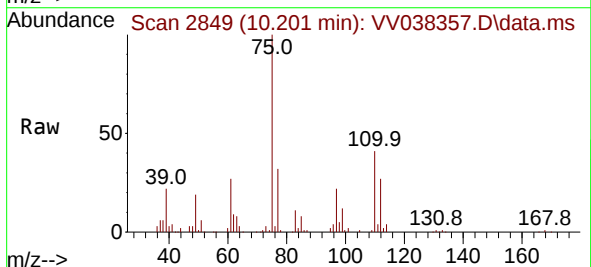
Instrument :
MSVOA_V
ClientSampleId :



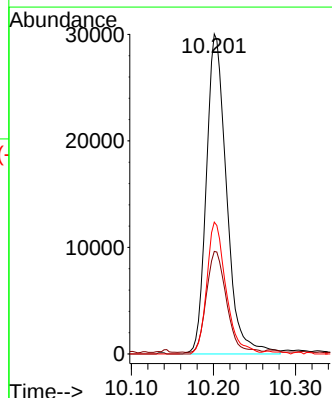
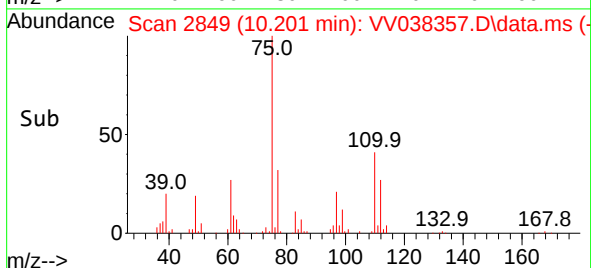
Tgt Ion:105 Resp: 354676
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 15.8 12.2 18.2

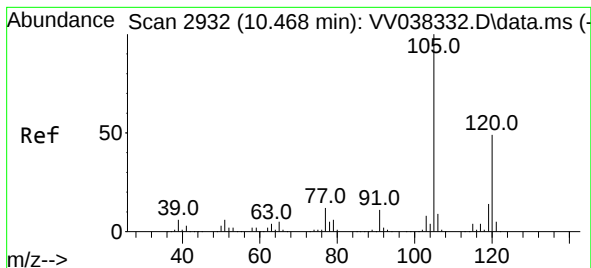


#61
1,2,3-Trichloropropane
Concen: 4.297 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19



Tgt Ion: 75 Resp: 51577
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
110 39.1 32.3 48.5

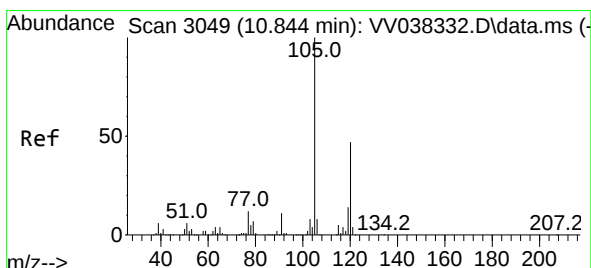
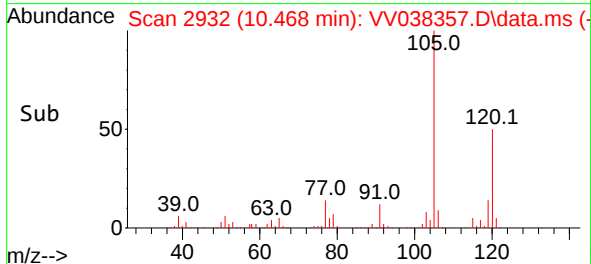
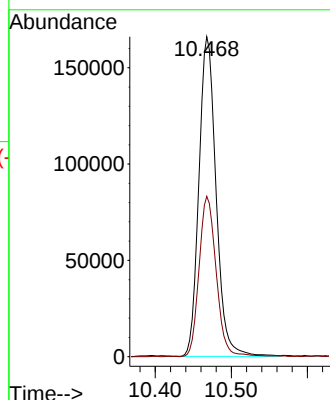
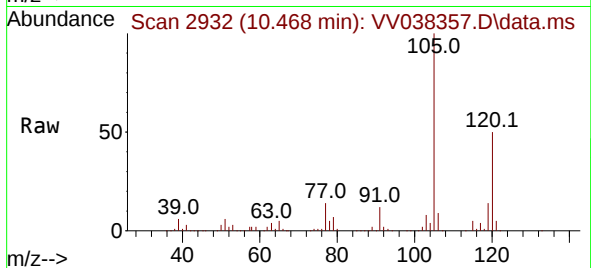




#62
1,3,5-Trimethylbenzene
Concen: 4.068 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

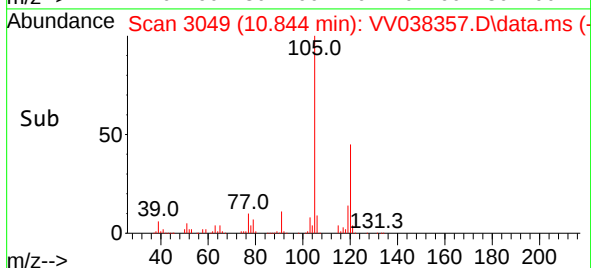
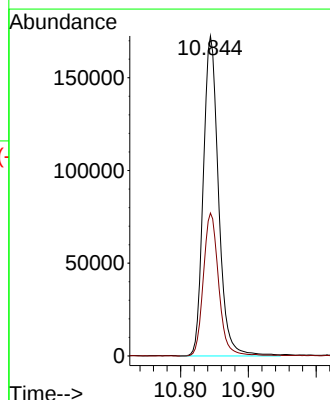
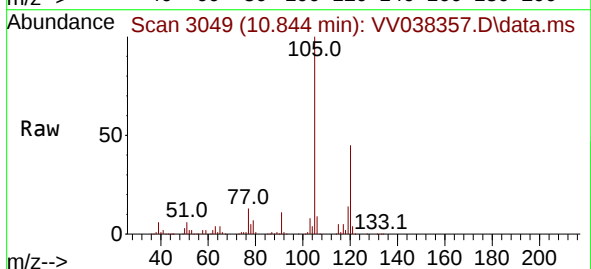
Instrument :
MSVOA_V
ClientSampleId :

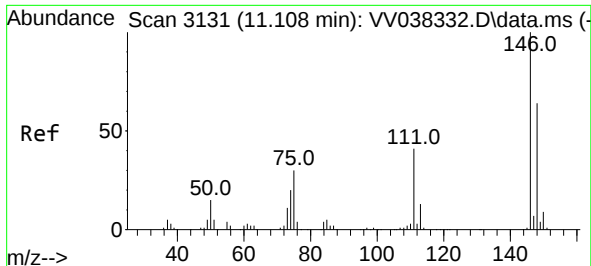
Tgt Ion:105 Resp: 260693
Ion Ratio Lower Upper
105 100
120 50.3 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 4.221 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Tgt Ion:105 Resp: 269696
Ion Ratio Lower Upper
105 100
120 44.7 37.0 55.4

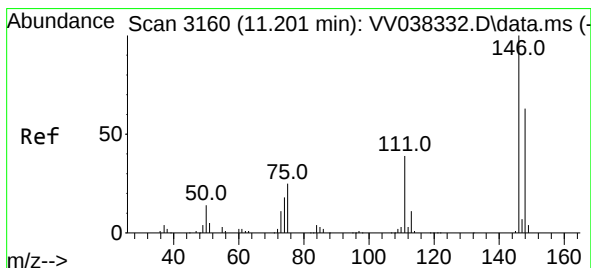
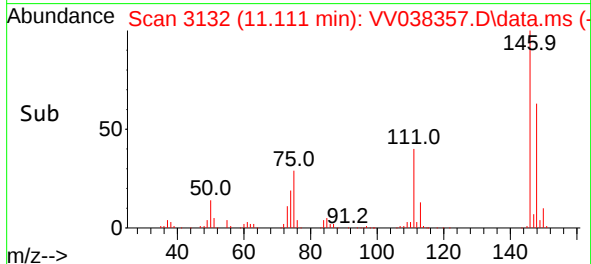
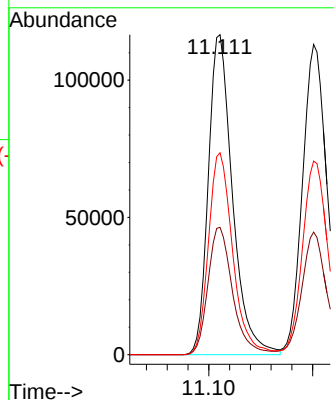
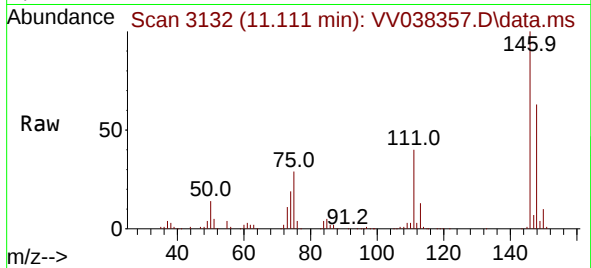




#64
1,3-Dichlorobenzene
Concen: 4.340 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

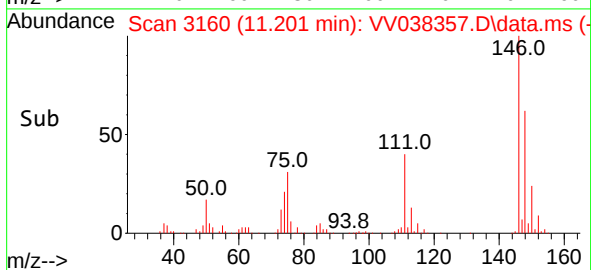
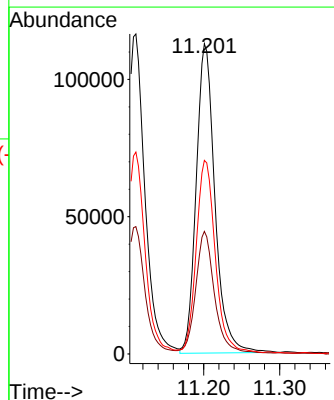
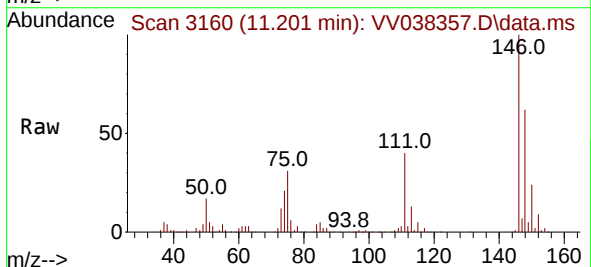
Instrument :
MSVOA_V
ClientSampleId :

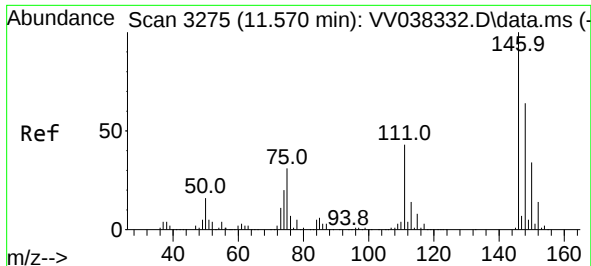
Tgt Ion:146 Resp: 188198
Ion Ratio Lower Upper
146 100
111 39.8 28.2 52.4
148 63.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.411 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038357.D
Acq: 26 Nov 2024 10:19

Tgt Ion:146 Resp: 193362
Ion Ratio Lower Upper
146 100
111 39.5 27.4 50.8
148 62.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.321 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

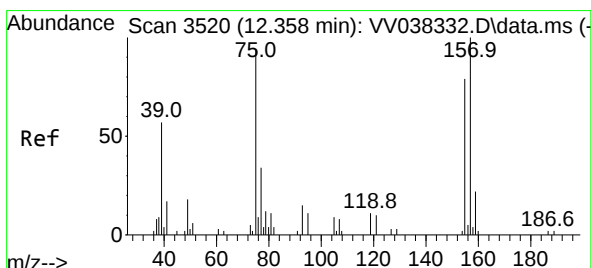
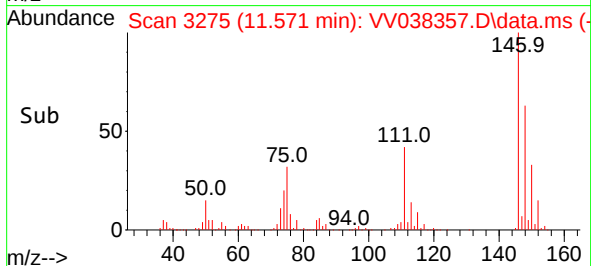
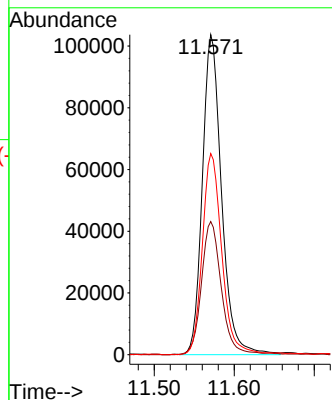
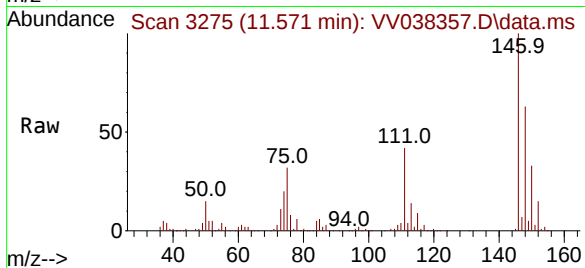
Tgt Ion:146 Resp: 173429

Ion Ratio Lower Upper

146 100

111 41.6 34.2 51.2

148 62.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.022 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

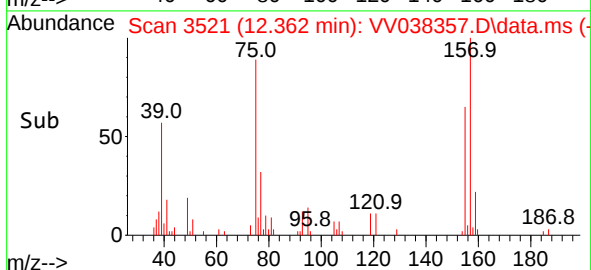
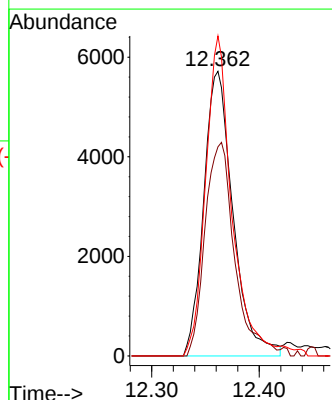
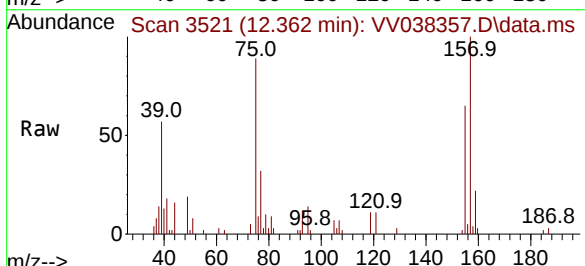
Tgt Ion: 75 Resp: 10836

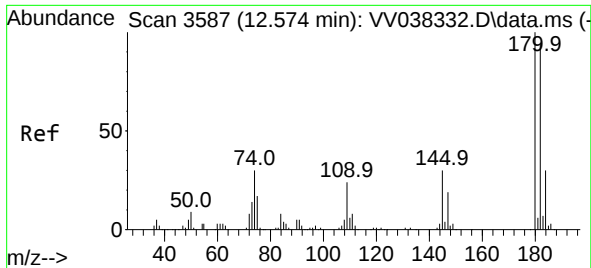
Ion Ratio Lower Upper

75 100

155 73.5 67.5 101.3

157 112.4 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.060 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

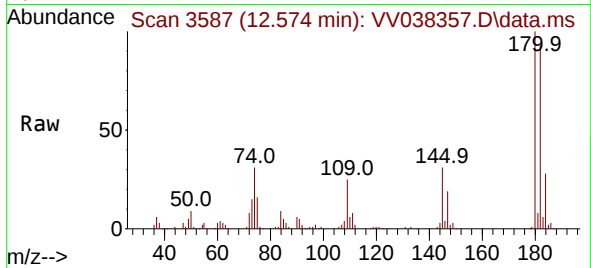
Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 124701

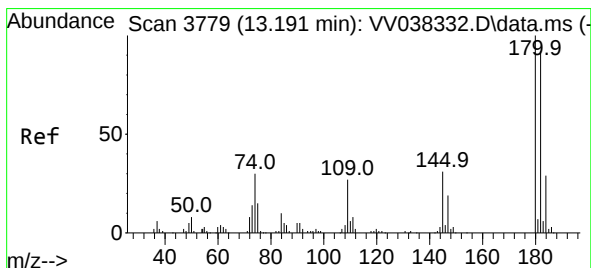
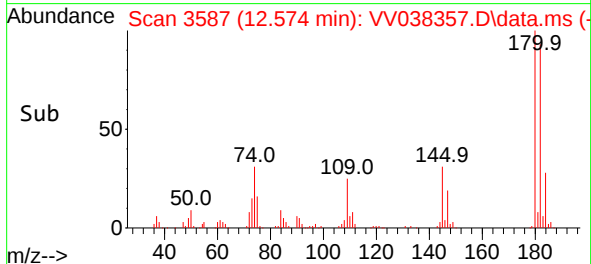
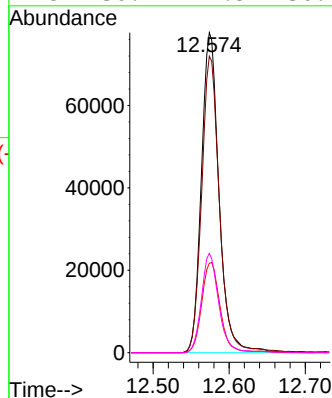
Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

184 29.1 23.7 35.5

145 30.4 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 3.751 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

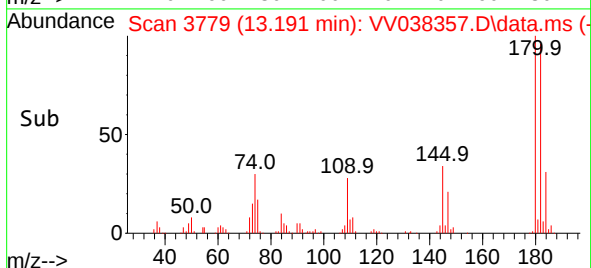
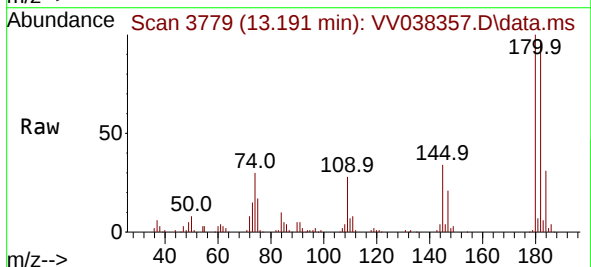
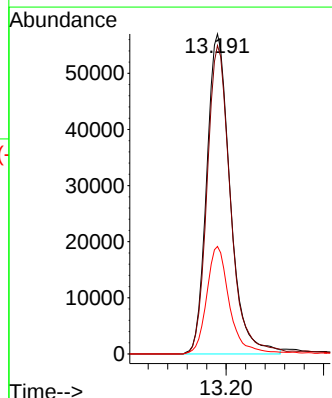
Tgt Ion:180 Resp: 95233

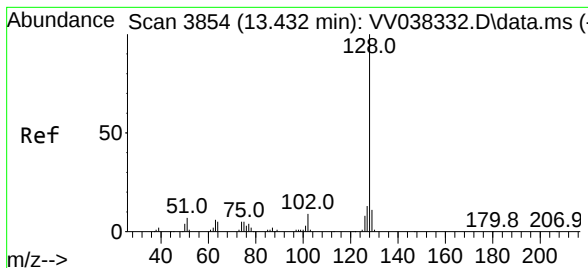
Ion Ratio Lower Upper

180 100

182 96.0 73.8 110.8

145 32.7 24.6 37.0





#71

Naphthalene

Concen: 3.184 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Instrument :

MSVOA_V

ClientSampleId :

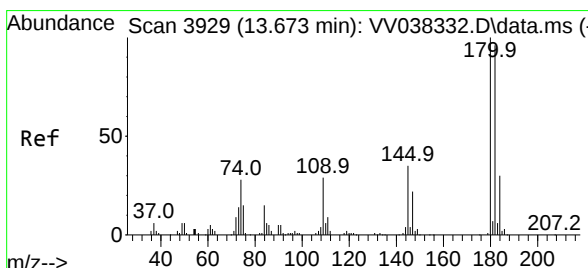
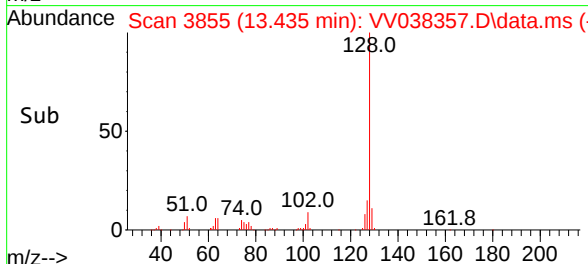
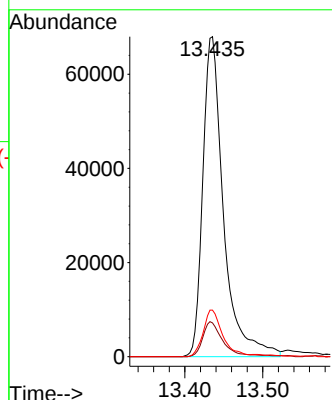
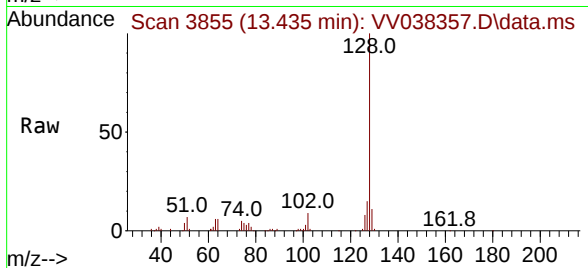
Tgt Ion:128 Resp: 125748

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.6 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 3.643 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038357.D

Acq: 26 Nov 2024 10:19

Tgt Ion:180 Resp: 85469

Ion Ratio Lower Upper

180 100

182 96.2 75.1 112.7

145 33.7 27.0 40.4

