

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038201.D
 Acq On : 20 Nov 2024 08:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	245228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	257351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	145315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	85707	4.560	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.529	69	71260	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.053	65	38760	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.812	46	176932	47.055	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.100%
24) Chloroform-d	4.240	84	175169	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.937	65	79097	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.950	84	311952	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.982	67	93524	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.233	98	301355	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.551	79	37404	4.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.021	63	139422	47.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.260%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83720	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	109290	4.414	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	127051	5.476	ug/L	100
3) Chloromethane	1.211	50	107242	5.368	ug/L	96
5) Vinyl chloride	1.278	62	120191	5.309	ug/L	96
6) Bromomethane	1.484	94	55292	6.264	ug/L	96
8) Chloroethane	1.545	64	78262	5.425	ug/L	98
9) Trichlorofluoromethane	1.709	101	179739	5.579	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	102490	5.574	ug/L	98
12) 1,1-Dichloroethene	2.063	96	94252	5.381	ug/L	88
13) Acetone	2.146	43	150666	54.178	ug/L	97
14) Carbon disulfide	2.233	76	296804	5.260	ug/L	99
15) Methyl Acetate	2.388	43	34243	5.070	ug/L	100
16) Methylene chloride	2.439	84	104869	5.250	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	197458	4.986	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	98186	5.321	ug/L	98
19) 1,1-Dichloroethane	3.101	63	177427	5.297	ug/L	100
21) 2-Butanone	3.889	43	182115	45.628	ug/L	93
22) cis-1,2-Dichloroethene	3.805	96	96908	5.079	ug/L	98
23) Bromochloromethane	4.140	128	49271	5.289	ug/L	98
25) Chloroform	4.265	83	192441	5.371	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
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 QLast Update : Tue Nov 19 22:47:22 2024
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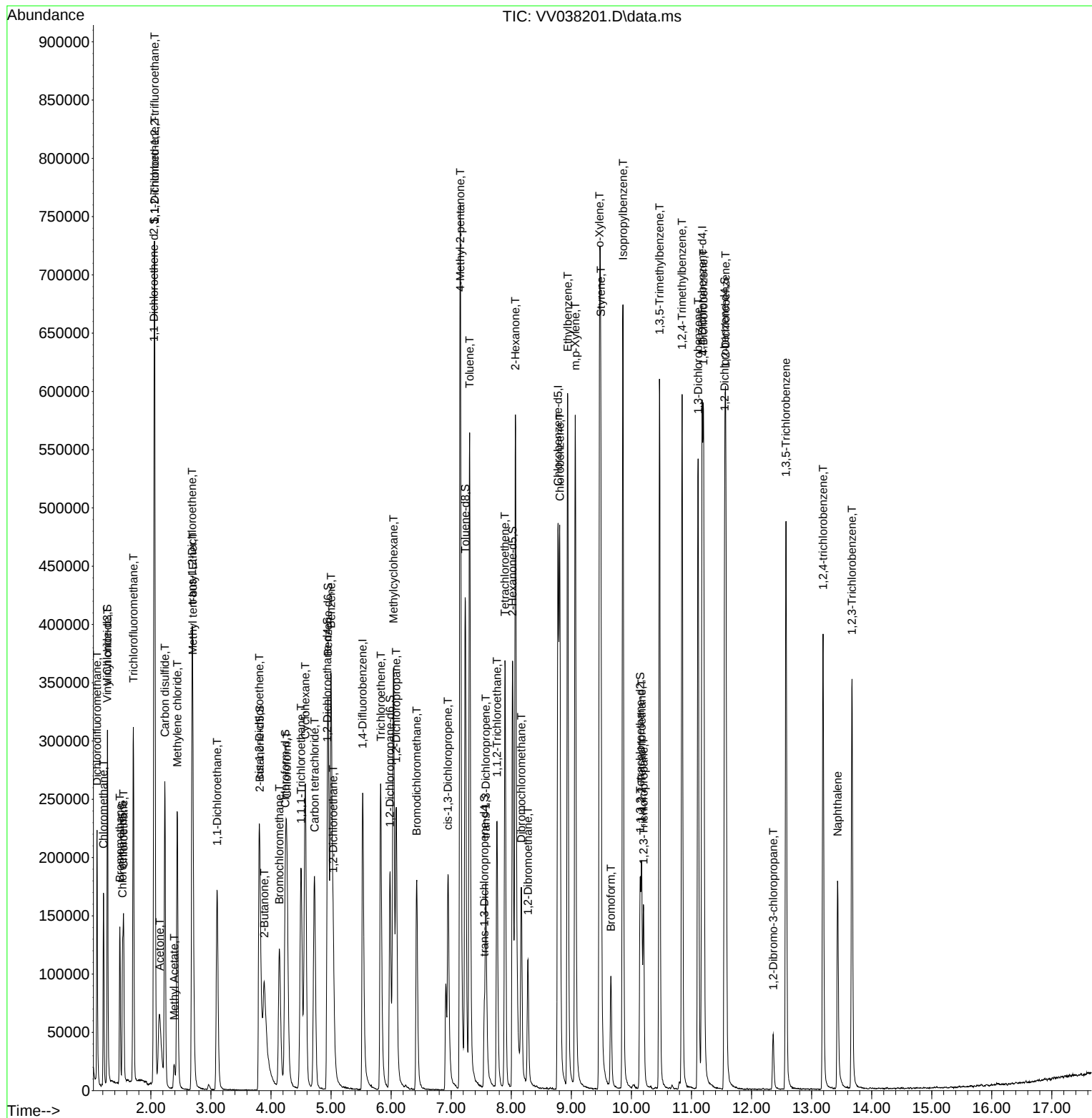
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	107294	5.503	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	167870	5.439	ug/L	99
30) Cyclohexane	4.571	56	130434	5.095	ug/L	100
31) Carbon tetrachloride	4.725	117	147147	5.404	ug/L	99
33) Benzene	4.998	78	394014	5.451	ug/L	100
34) Trichloroethene	5.828	95	102705	5.212	ug/L	96
35) Methylcyclohexane	6.040	83	147691	5.298	ug/L	100
37) 1,2-Dichloropropane	6.085	63	93958	5.189	ug/L	99
38) Bromodichloromethane	6.426	83	130219	5.350	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	128424	5.081	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	518994	54.764	ug/L	99
42) Toluene	7.307	91	433747	5.666	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	116131	5.439	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	78638	5.355	ug/L	96
47) Tetrachloroethene	7.895	164	84302	5.324	ug/L	96
48) 2-Hexanone	8.069	43	387187	56.340	ug/L	98
49) Dibromochloromethane	8.169	129	88220	5.510	ug/L	98
50) 1,2-Dibromoethane	8.278	107	75704	5.561	ug/L	99
51) Chlorobenzene	8.809	112	275079	5.215	ug/L	99
52) Ethylbenzene	8.940	91	426289	5.249	ug/L	99
53) m,p-Xylene	9.066	106	167793	5.475	ug/L	96
54) o-Xylene	9.471	106	157113	5.266	ug/L	99
55) Styrene	9.490	104	297893	5.664	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	93509	5.446	ug/L	98
59) Bromoform	9.661	173	45241	5.350	ug/L	98
60) Isopropylbenzene	9.860	105	432810	5.171	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	66156	5.317	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	332380	5.005	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	332071	5.014	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	231935	5.161	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	235510	5.184	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	212733	5.114	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	13950	4.995	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	154223	4.844	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	125682	4.776	ug/L	99
71) Naphthalene	13.432	128	162722	3.975	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	114179	4.696	ug/L	100

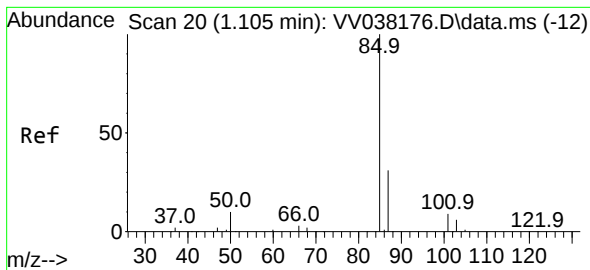
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 Data File : VV038201.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

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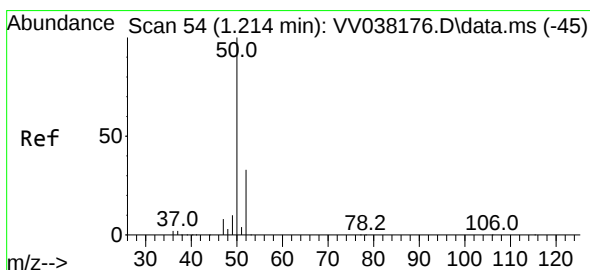
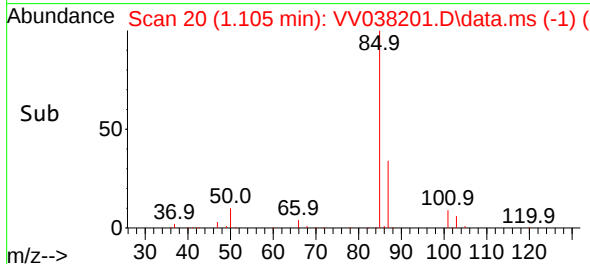
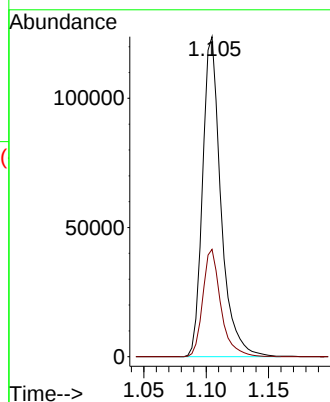
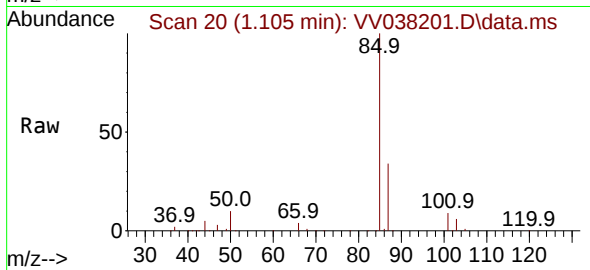




#2
Dichlorodifluoromethane
Concen: 5.476 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

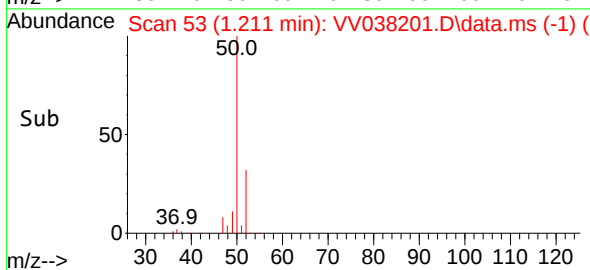
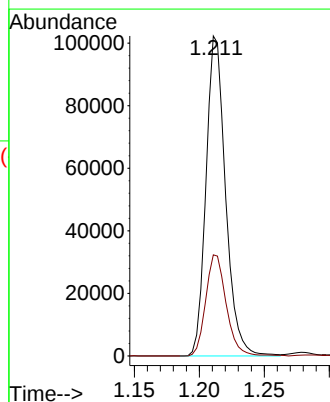
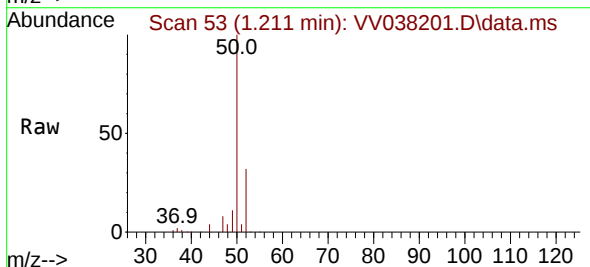
Instrument :
MSVOA_V
ClientSampleId :

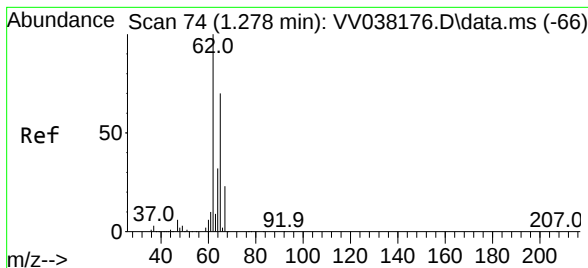
Tgt Ion: 85 Resp: 127051
Ion Ratio Lower Upper
85 100
87 33.0 26.5 39.7



#3
Chloromethane
Concen: 5.368 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.003 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion: 50 Resp: 107242
Ion Ratio Lower Upper
50 100
52 31.6 23.5 43.7

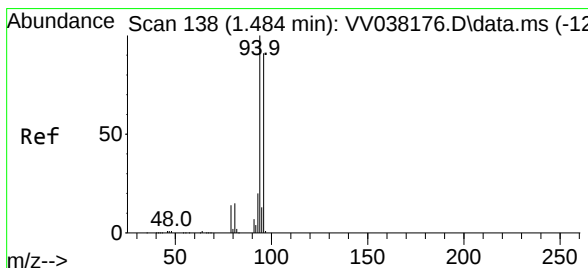
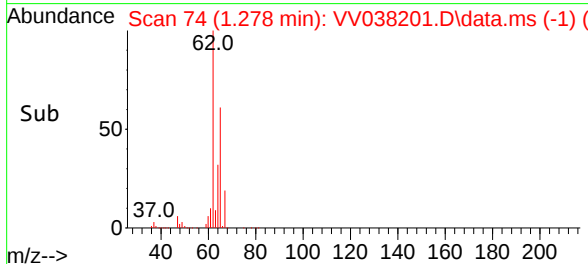
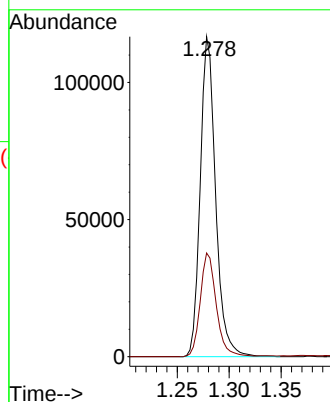
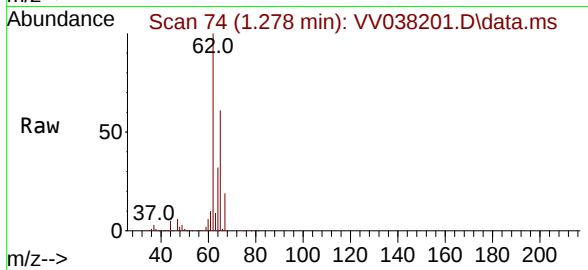




#5
 Vinyl chloride
 Concen: 5.309 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038201.D
 Acq: 20 Nov 2024 08:33

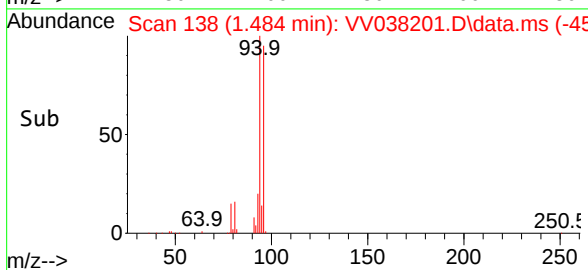
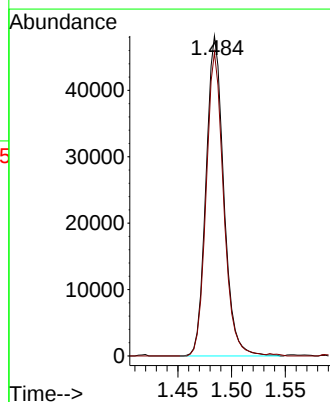
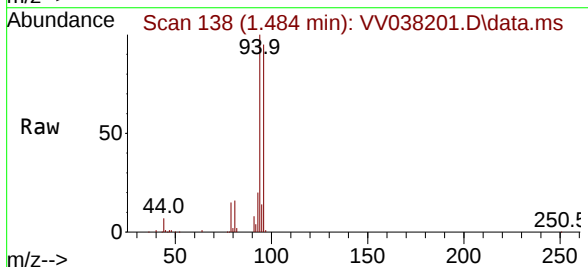
Instrument :
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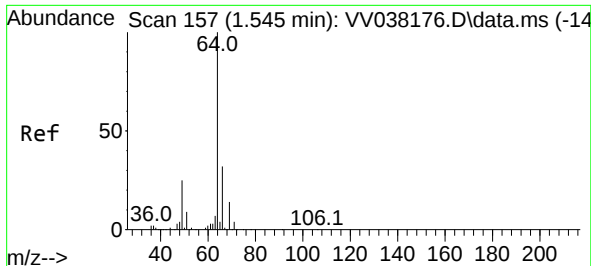
Tgt Ion: 62 Resp: 120191
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.4 45.4



#6
 Bromomethane
 Concen: 6.264 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038201.D
 Acq: 20 Nov 2024 08:33

Tgt Ion: 94 Resp: 55292
 Ion Ratio Lower Upper
 94 100
 96 94.8 63.7 118.3

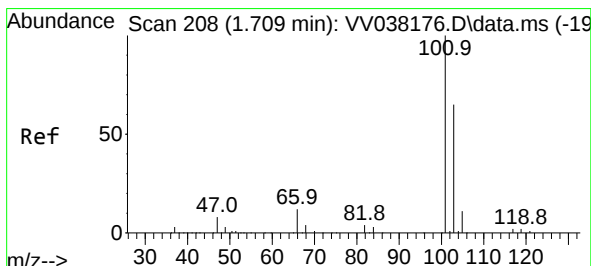
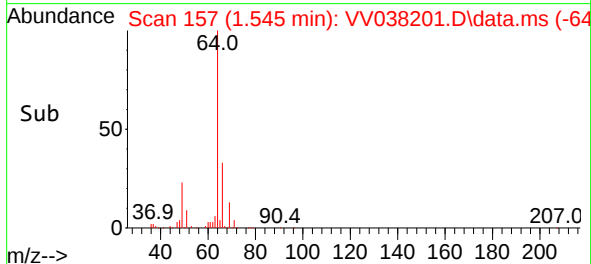
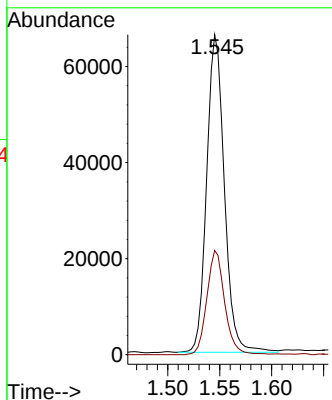
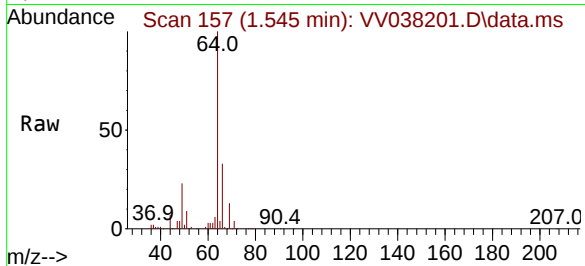




#8
Chloroethane
Concen: 5.425 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

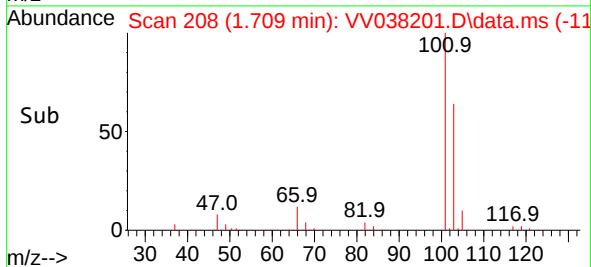
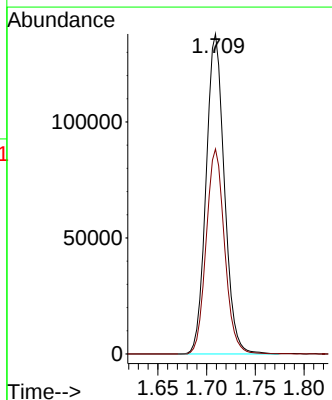
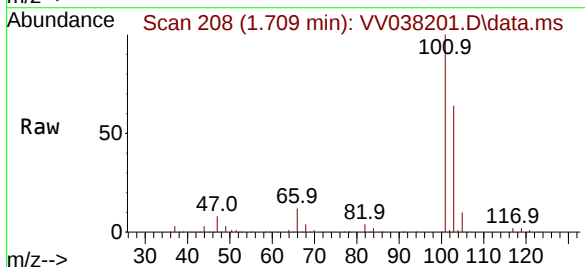
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MSVOA_V
ClientSampleId :

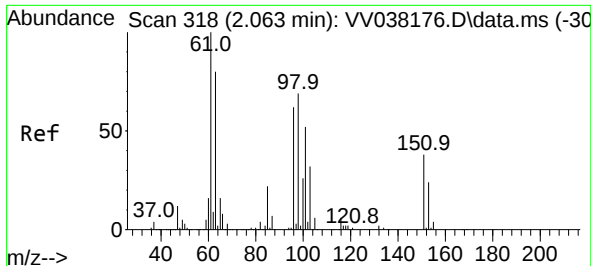
Tgt Ion: 64 Resp: 78262
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.579 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion:101 Resp: 179739
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

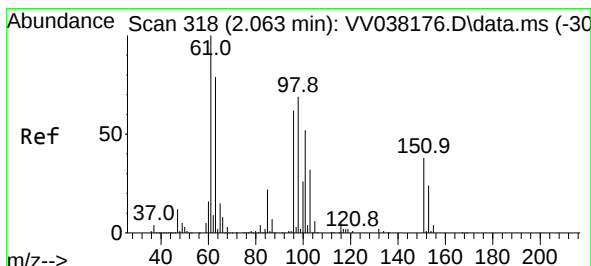
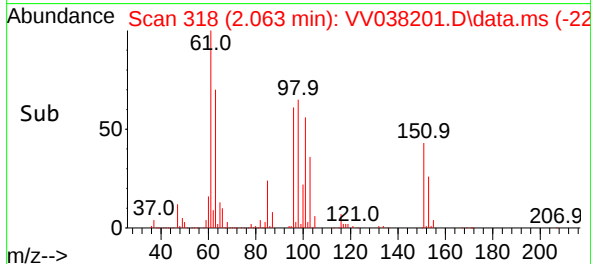
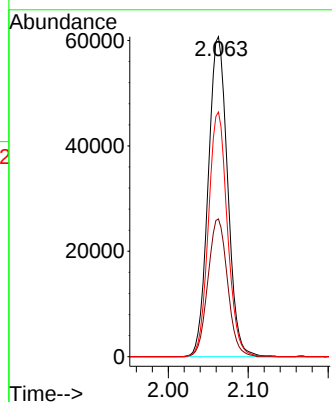
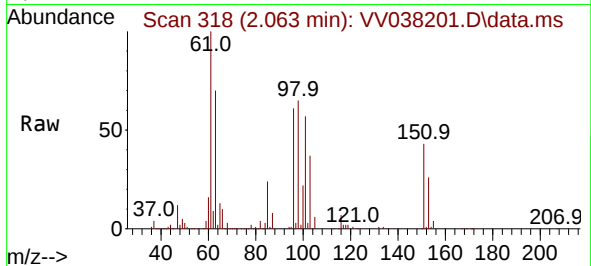




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.574 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

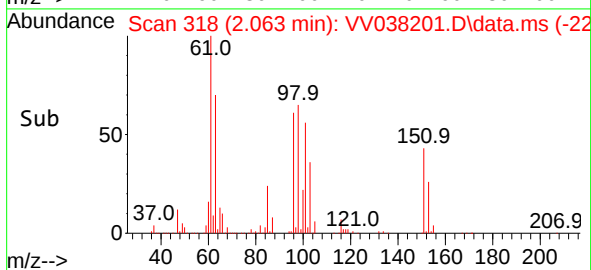
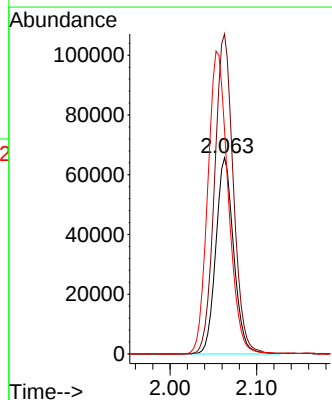
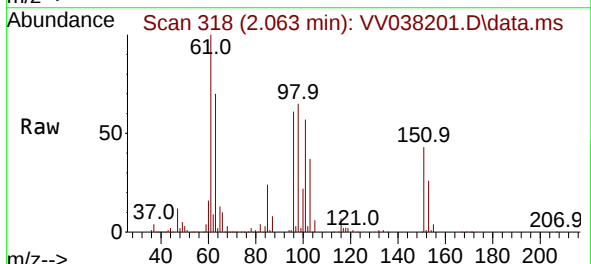
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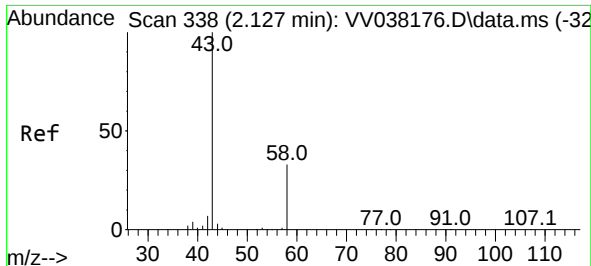
Tgt Ion:101 Resp: 102490
Ion Ratio Lower Upper
101 100
85 43.5 33.4 50.0
151 74.7 58.8 88.2



#12
1,1-Dichloroethene
Concen: 5.381 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion: 96 Resp: 94252
Ion Ratio Lower Upper
96 100
61 163.2 115.7 214.9
63 114.6 101.1 187.7





#13

Acetone

Concen: 54.178 ug/L

RT: 2.146 min Scan# 344

Delta R.T. 0.019 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

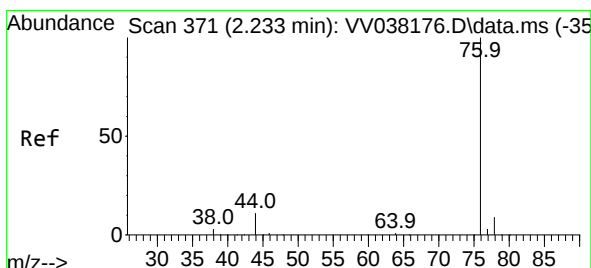
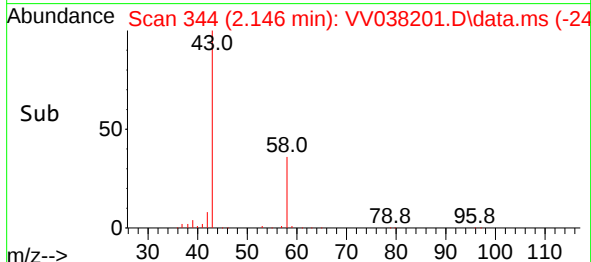
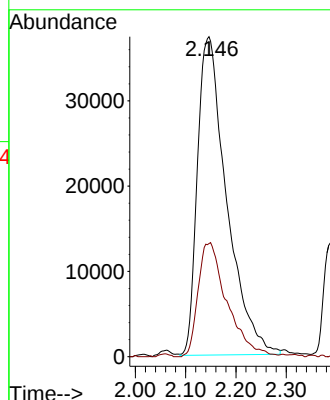
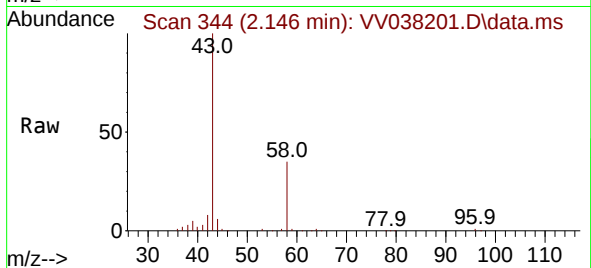
ClientSampleId :

Tgt Ion: 43 Resp: 150666

Ion Ratio Lower Upper

43 100

58 35.5 0.0 67.2



#14

Carbon disulfide

Concen: 5.260 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038201.D

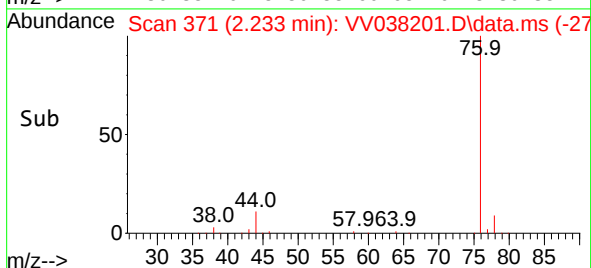
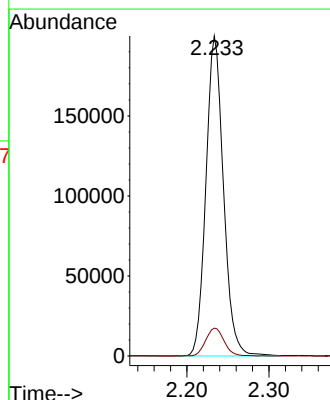
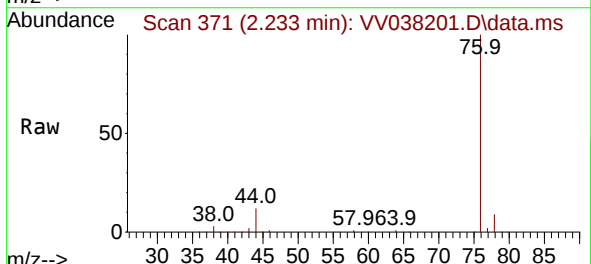
Acq: 20 Nov 2024 08:33

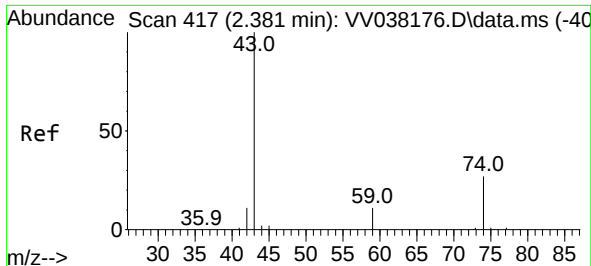
Tgt Ion: 76 Resp: 296804

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

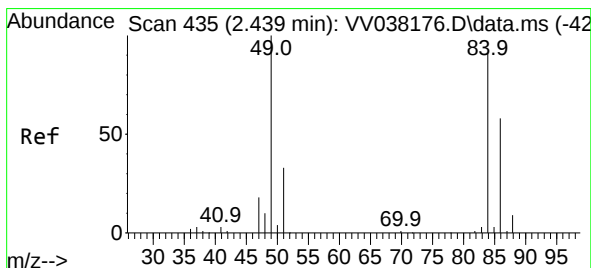
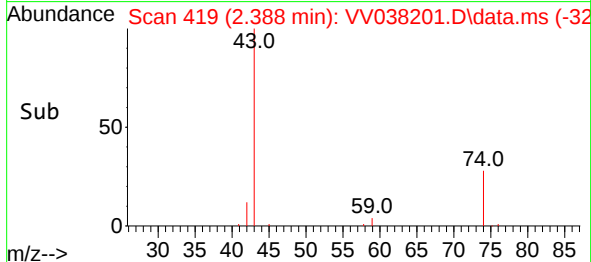
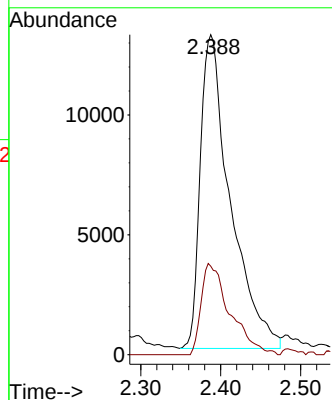
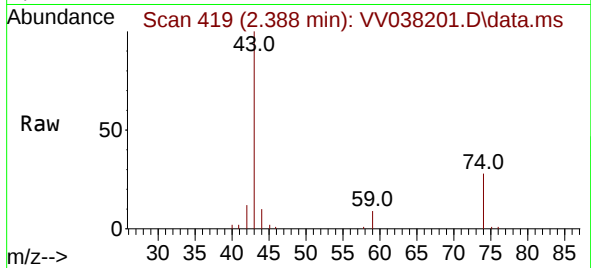




#15
Methyl Acetate
Concen: 5.070 ug/L
RT: 2.388 min Scan# 417
Delta R.T. 0.007 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

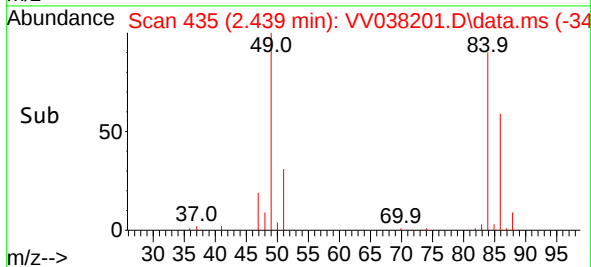
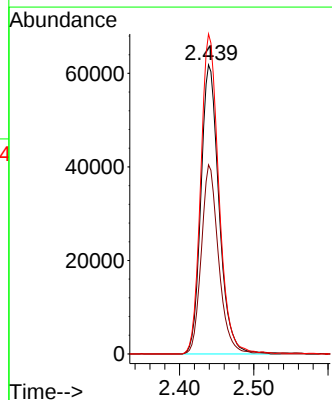
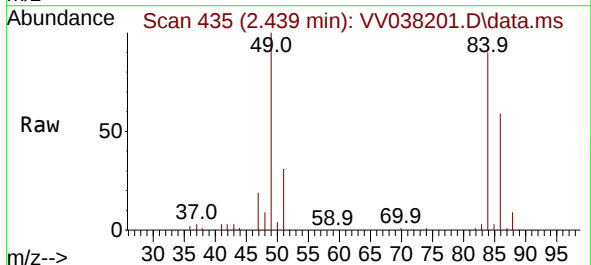
Instrument :
MSVOA_V
ClientSampleId :

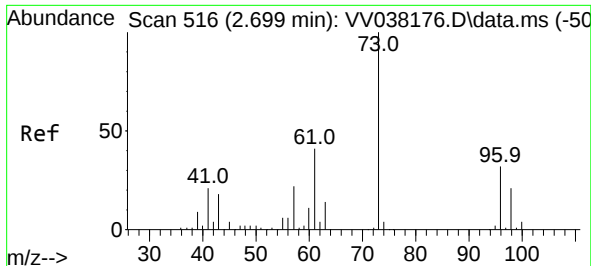
Tgt Ion: 43 Resp: 34243
Ion Ratio Lower Upper
43 100
74 27.8 22.4 33.6



#16
Methylene chloride
Concen: 5.250 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion: 84 Resp: 104869
Ion Ratio Lower Upper
84 100
86 65.4 44.2 82.2
49 110.7 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 4.986 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

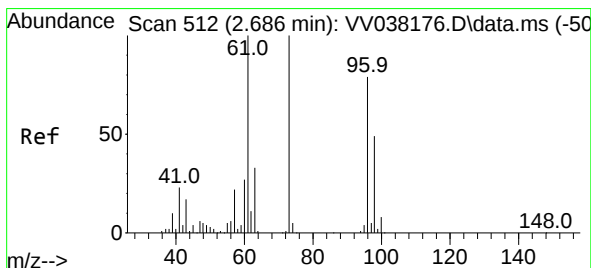
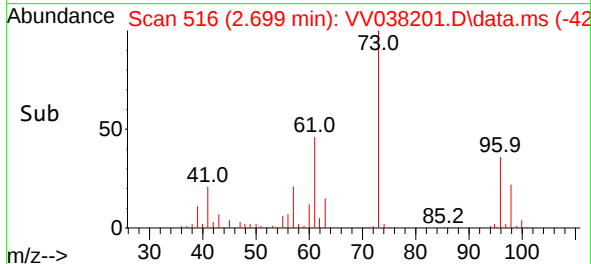
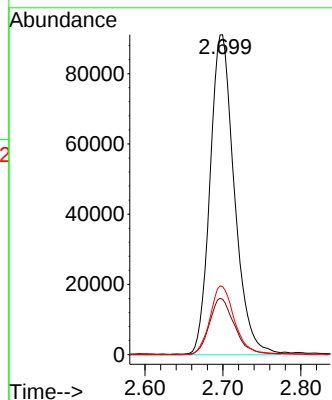
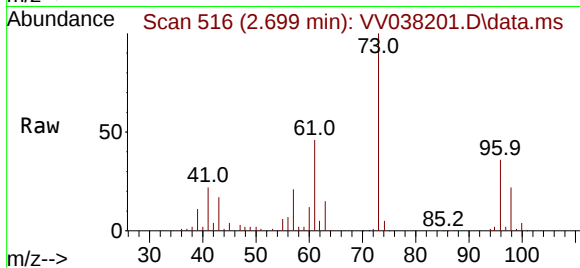
Tgt Ion: 73 Resp: 197458

Ion Ratio Lower Upper

73 100

43 18.0 14.2 21.2

57 21.8 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 5.321 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

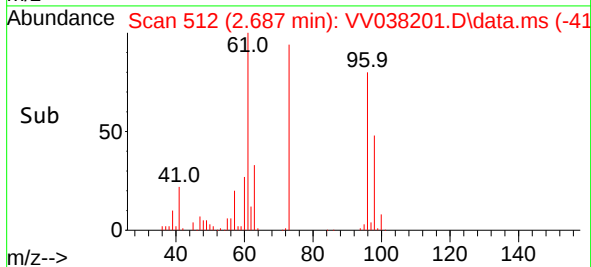
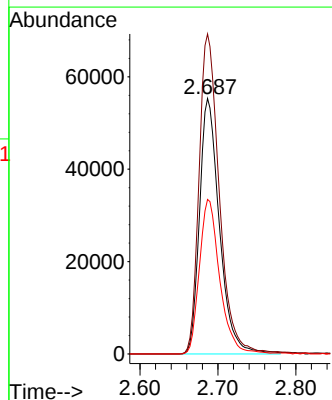
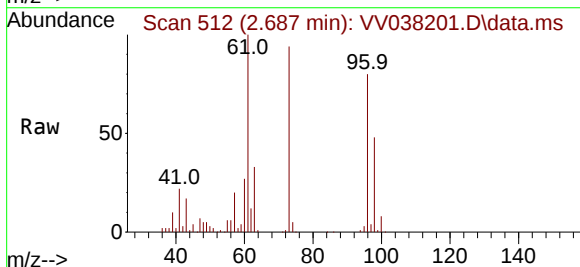
Tgt Ion: 96 Resp: 98186

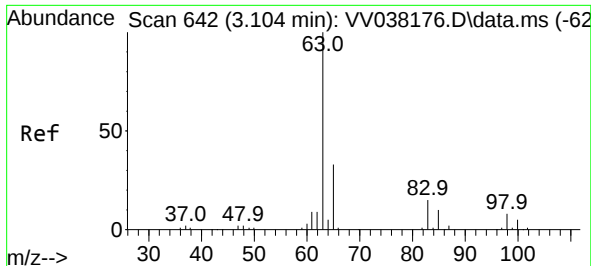
Ion Ratio Lower Upper

96 100

61 125.3 88.5 164.4

98 60.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.297 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

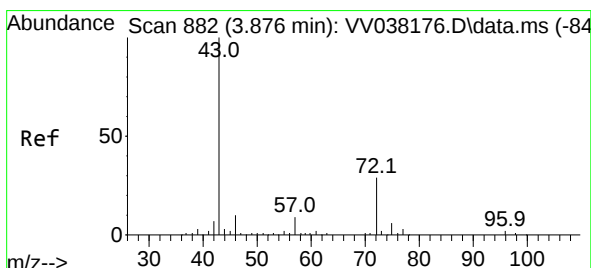
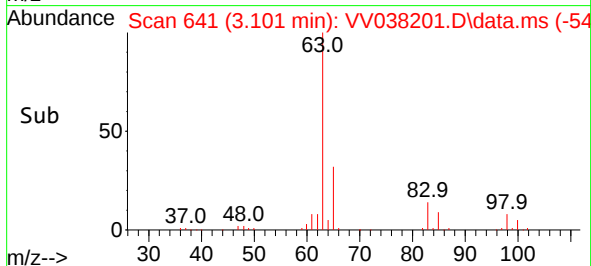
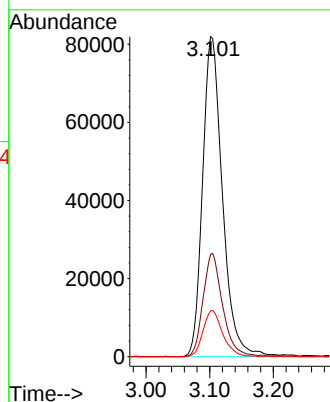
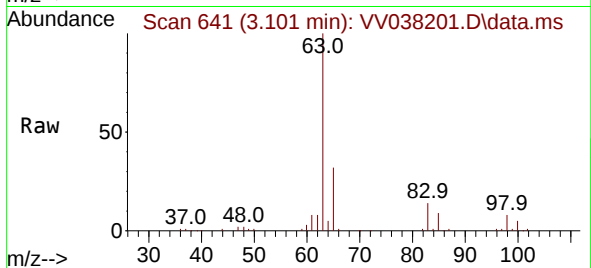
Tgt Ion: 63 Resp: 177427

Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.7

83 14.3 10.1 18.9



#21

2-Butanone

Concen: 45.628 ug/L

RT: 3.889 min Scan# 886

Delta R.T. 0.013 min

Lab File: VV038201.D

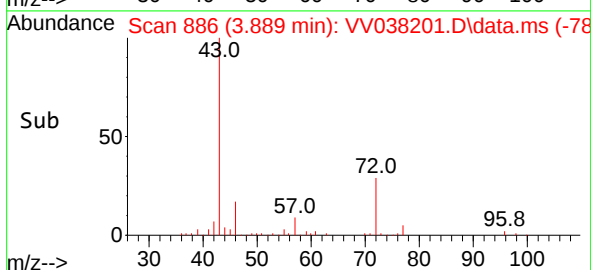
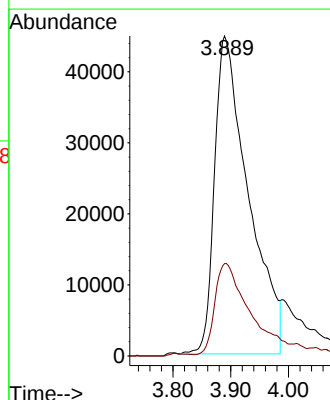
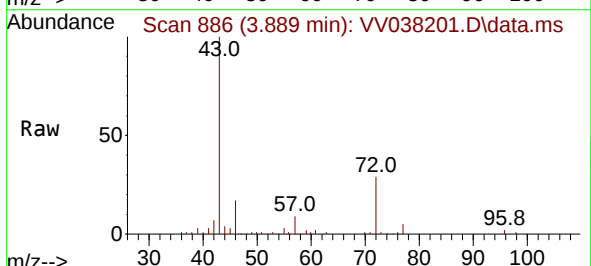
Acq: 20 Nov 2024 08:33

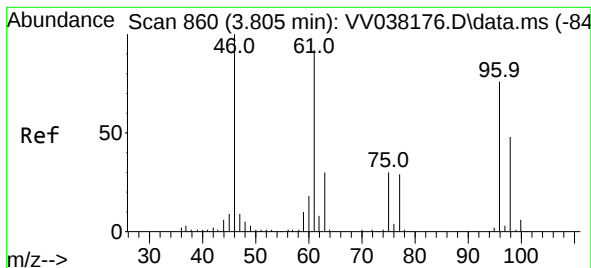
Tgt Ion: 43 Resp: 182115

Ion Ratio Lower Upper

43 100

72 29.7 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.079 ug/L

RT: 3.805 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

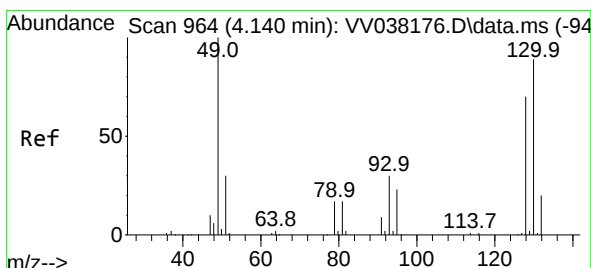
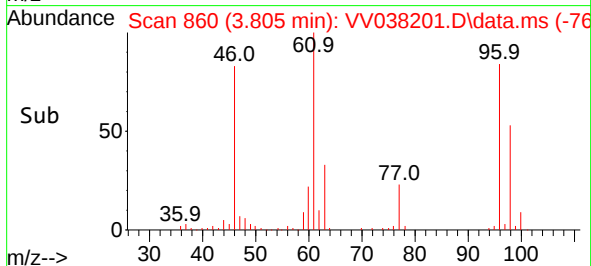
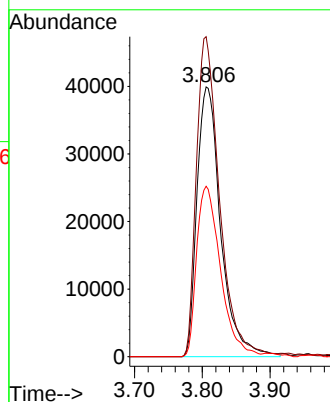
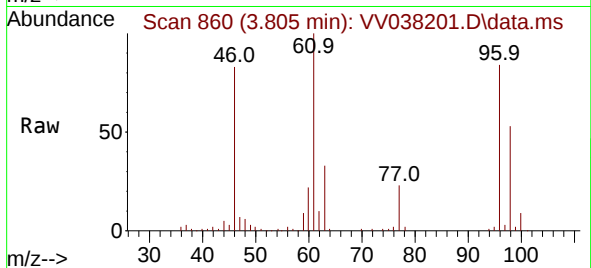
Tgt Ion: 96 Resp: 96908

Ion Ratio Lower Upper

96 100

61 118.6 82.7 153.5

98 63.2 46.3 85.9



#23

Bromochloromethane

Concen: 5.289 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Tgt Ion:128 Resp: 49271

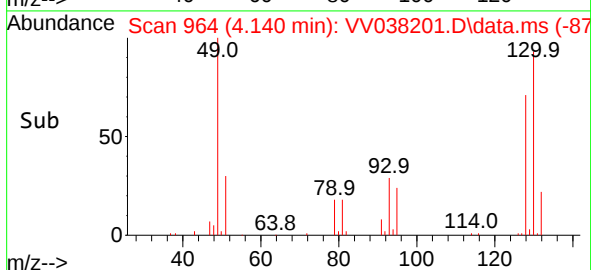
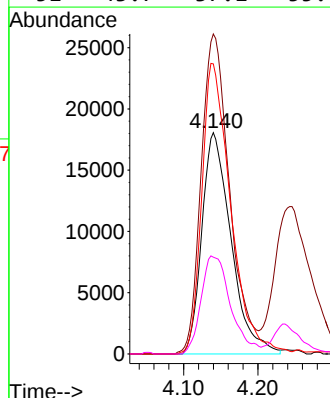
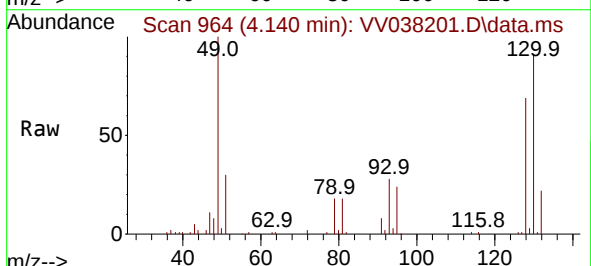
Ion Ratio Lower Upper

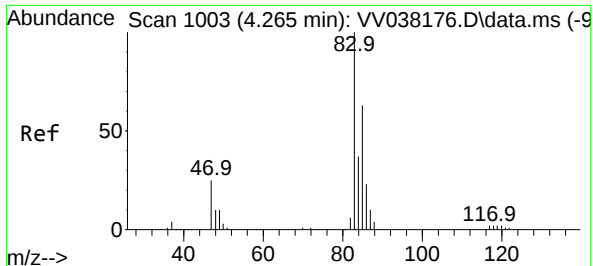
128 100

49 144.6 102.8 190.8

130 131.1 93.6 173.8

51 43.7 37.1 55.7





#25

Chloroform

Concen: 5.371 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

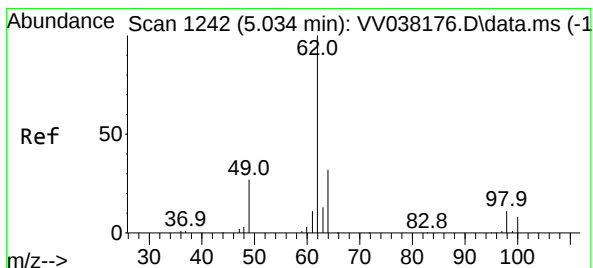
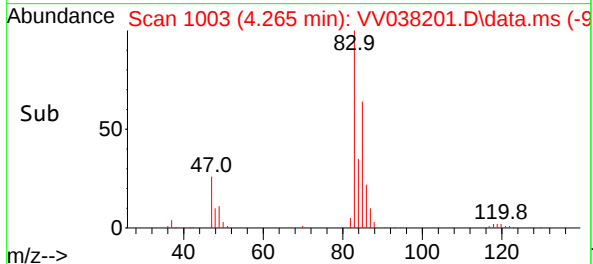
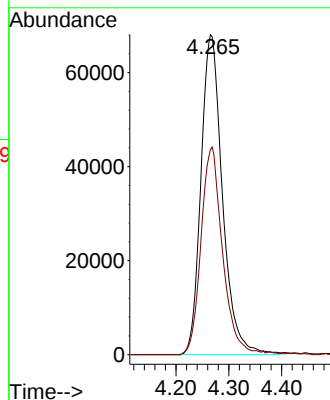
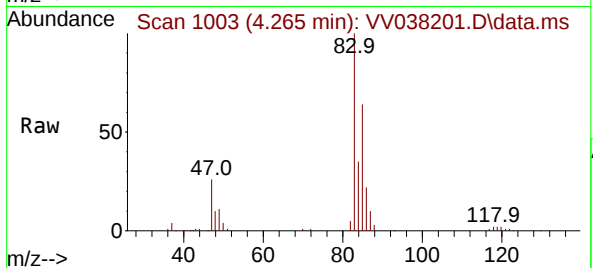
ClientSampleId :

Tgt Ion: 83 Resp: 192441

Ion Ratio Lower Upper

83 100

85 64.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.503 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV038201.D

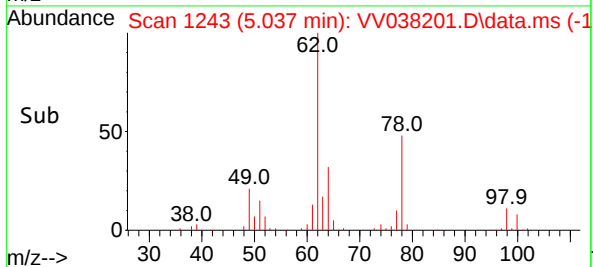
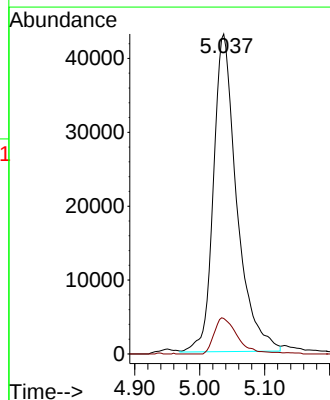
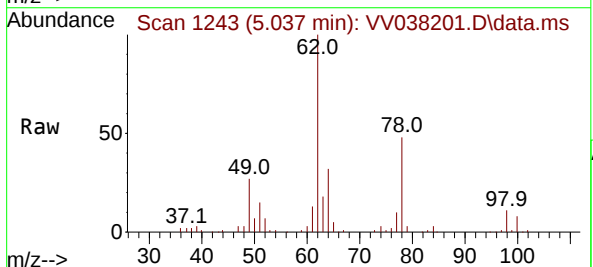
Acq: 20 Nov 2024 08:33

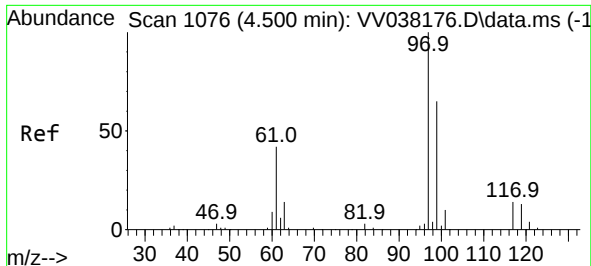
Tgt Ion: 62 Resp: 107294

Ion Ratio Lower Upper

62 100

98 11.1 8.2 12.4

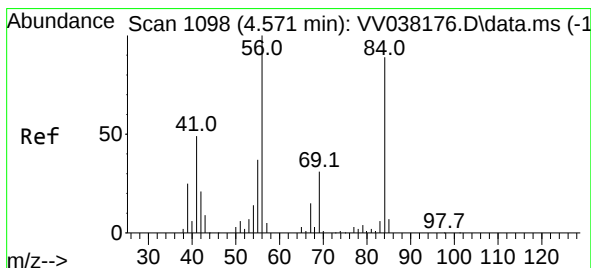
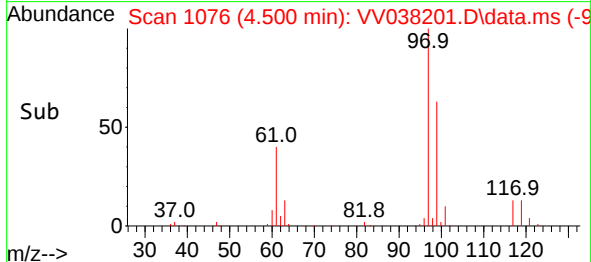
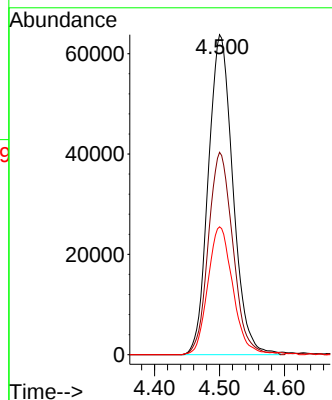
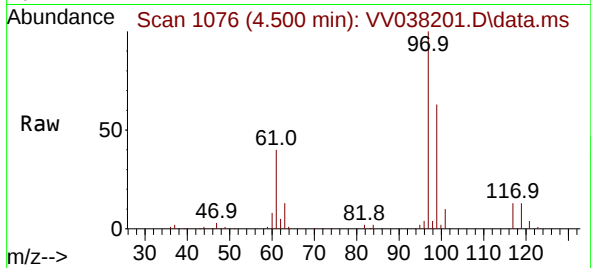




#29
1,1,1-Trichloroethane
Concen: 5.439 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

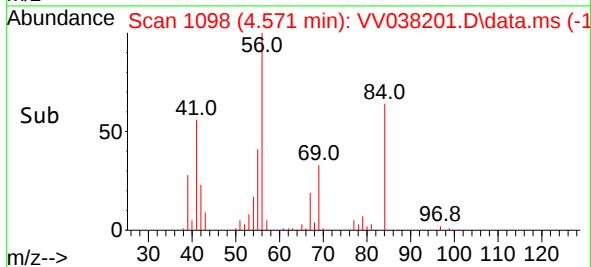
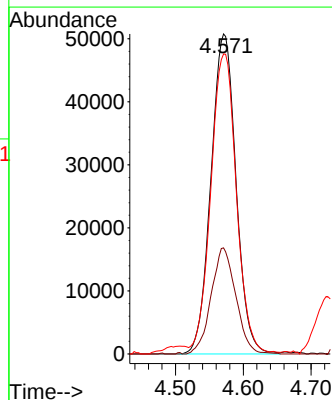
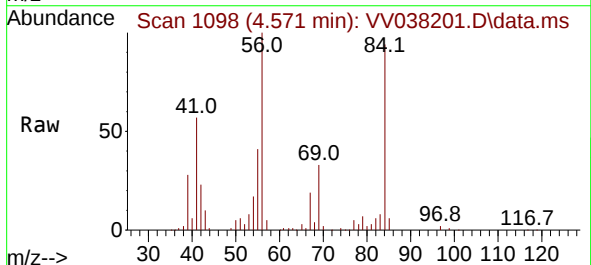
Instrument :
MSVOA_V
ClientSampleId :

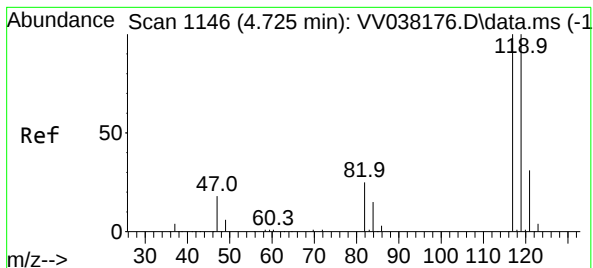
Tgt Ion: 97 Resp: 167870
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.8
61 40.4 32.2 48.2



#30
Cyclohexane
Concen: 5.095 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion: 56 Resp: 130434
Ion Ratio Lower Upper
56 100
69 32.6 26.0 39.0
84 94.6 75.6 113.4





#31

Carbon tetrachloride

Concen: 5.404 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

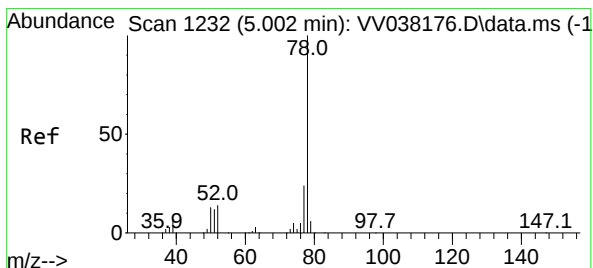
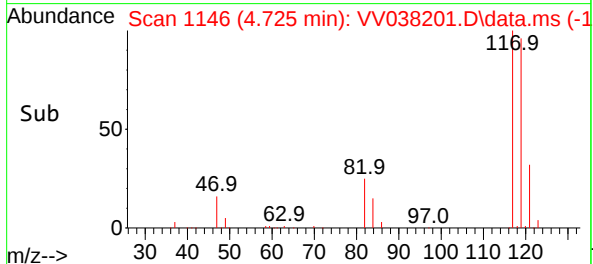
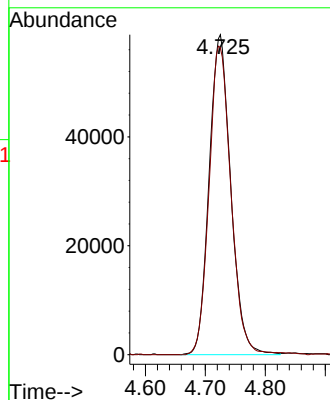
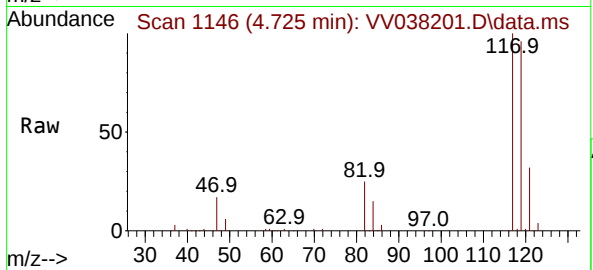
ClientSampleId :

Tgt Ion:117 Resp: 147147

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.2



#33

Benzene

Concen: 5.451 ug/L

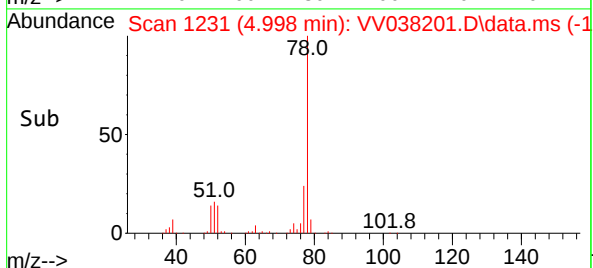
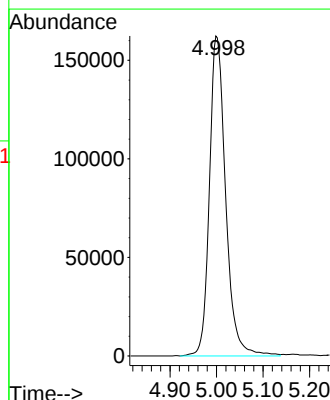
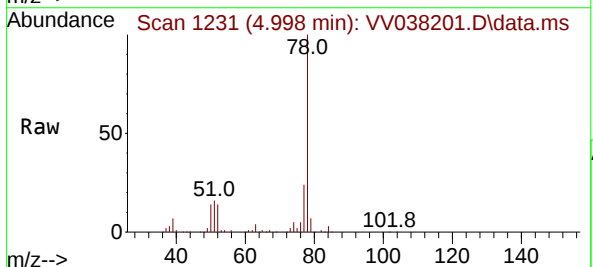
RT: 4.998 min Scan# 1231

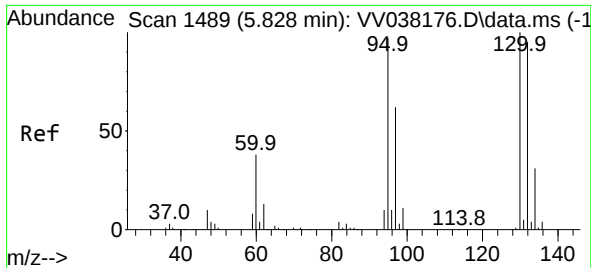
Delta R.T. -0.003 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

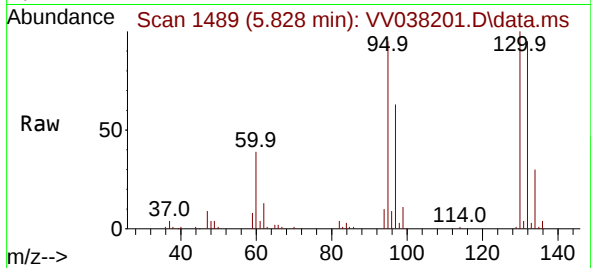
Tgt Ion: 78 Resp: 394014



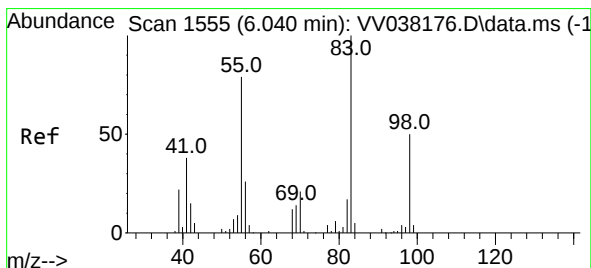
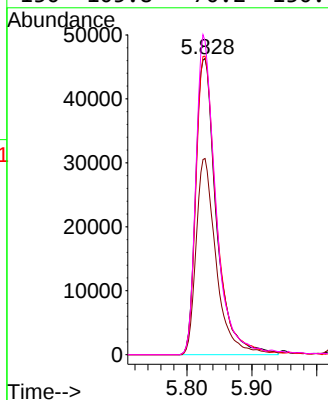
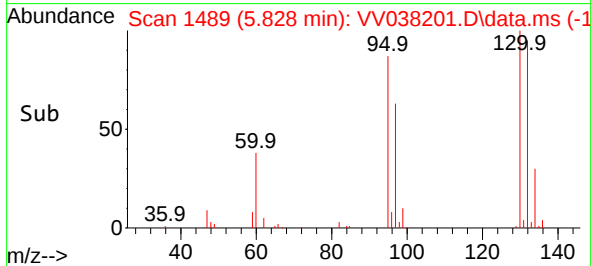


#34
Trichloroethene
Concen: 5.212 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

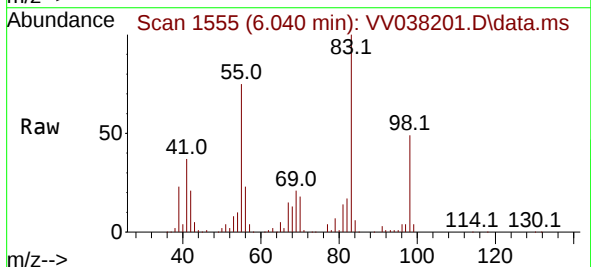
Instrument :
MSVOA_V
ClientSampleId :



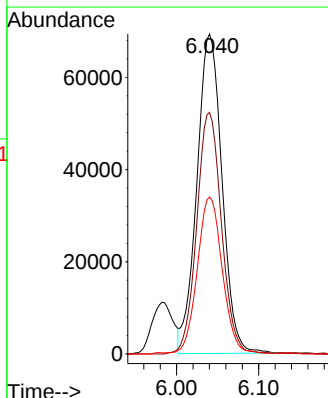
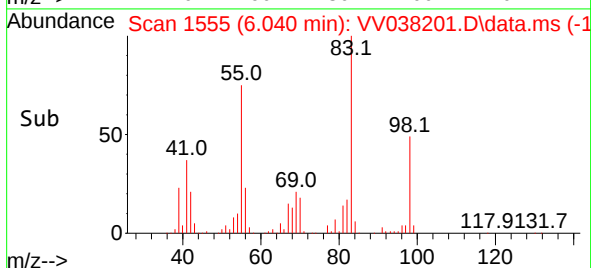
Tgt Ion: 95 Resp: 102705
Ion Ratio Lower Upper
95 100
97 66.2 44.8 83.2
132 100.8 68.3 126.8
130 105.8 70.2 130.4

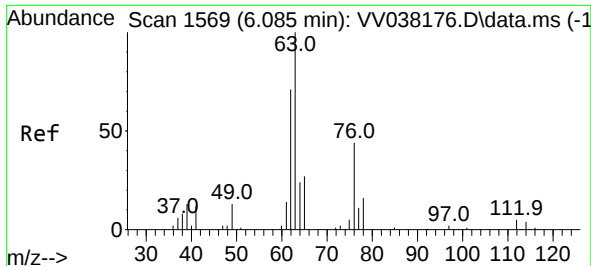


#35
Methylcyclohexane
Concen: 5.298 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33



Tgt Ion: 83 Resp: 147691
Ion Ratio Lower Upper
83 100
55 74.4 59.7 89.5
98 49.2 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.189 ug/L

RT: 6.085 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

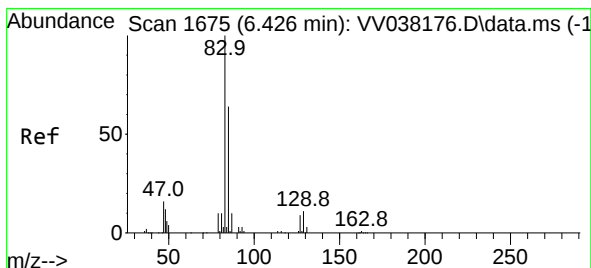
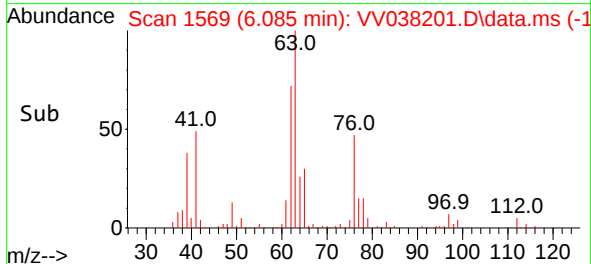
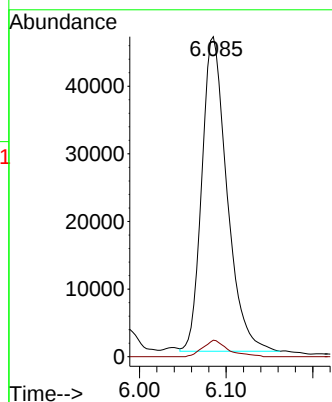
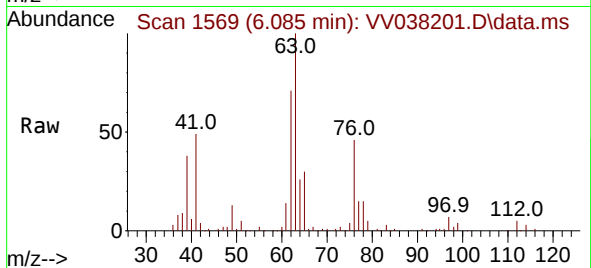
ClientSampleId :

Tgt Ion: 63 Resp: 93958

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 5.350 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

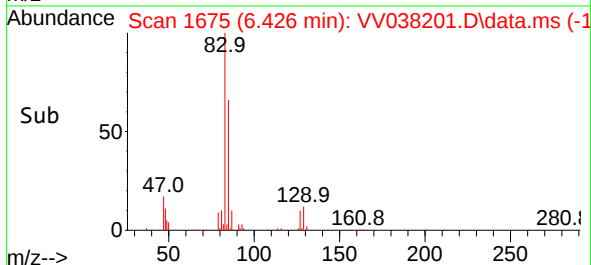
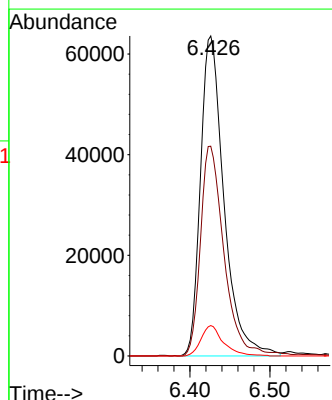
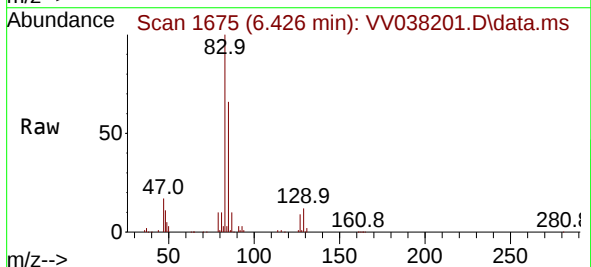
Tgt Ion: 83 Resp: 130219

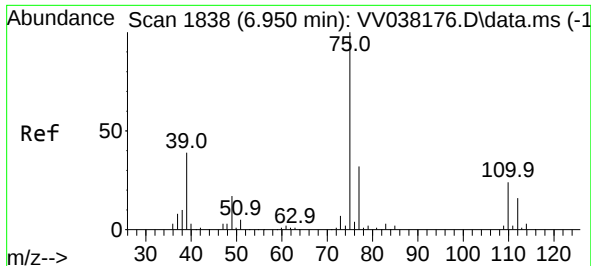
Ion Ratio Lower Upper

83 100

85 65.6 43.9 81.5

127 9.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.081 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

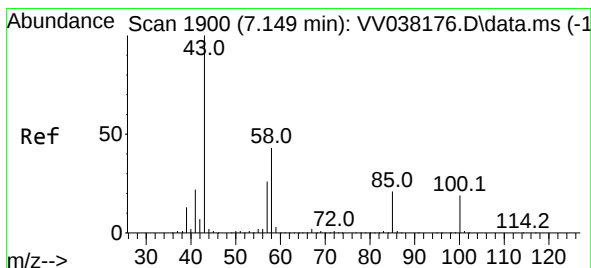
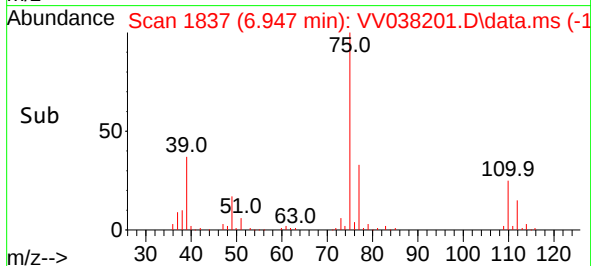
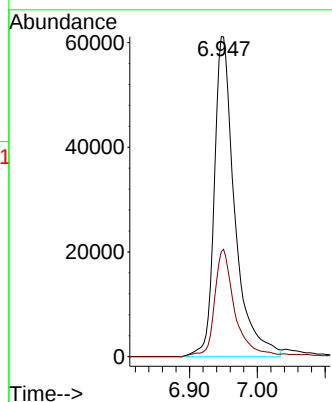
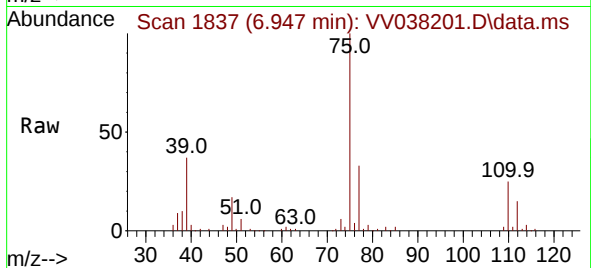
ClientSampleId :

Tgt Ion: 75 Resp: 128424

Ion Ratio Lower Upper

75 100

77 32.8 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 54.764 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

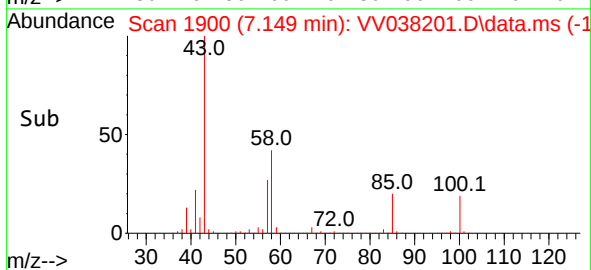
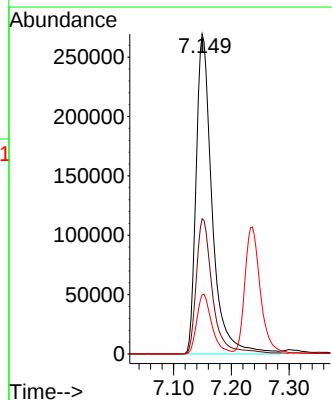
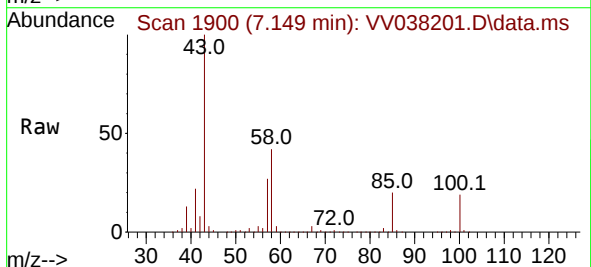
Tgt Ion: 43 Resp: 518994

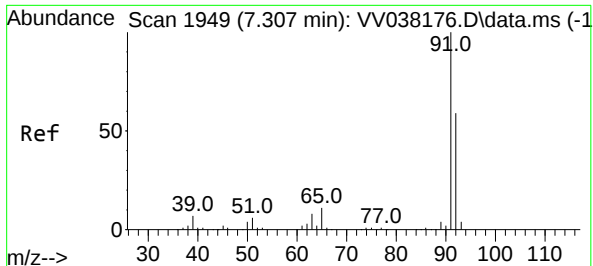
Ion Ratio Lower Upper

43 100

58 42.9 33.4 50.2

100 17.6 14.3 21.5





#42

Toluene

Concen: 5.666 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

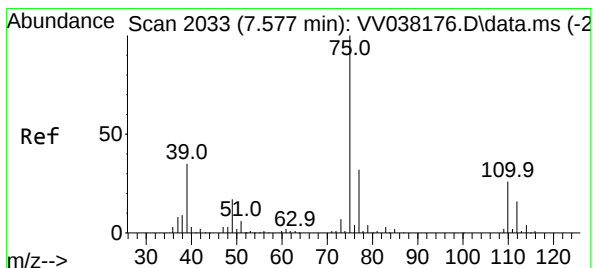
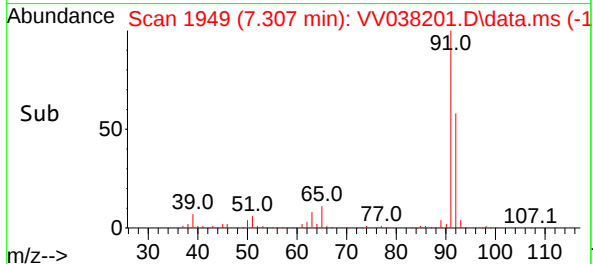
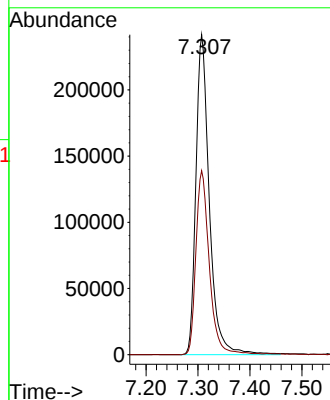
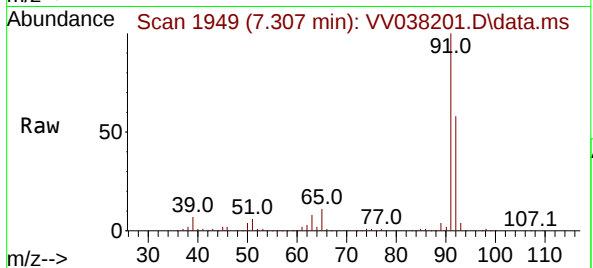
ClientSampleId :

Tgt Ion: 91 Resp: 433747

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.439 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038201.D

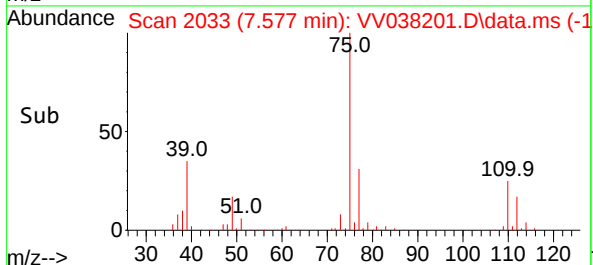
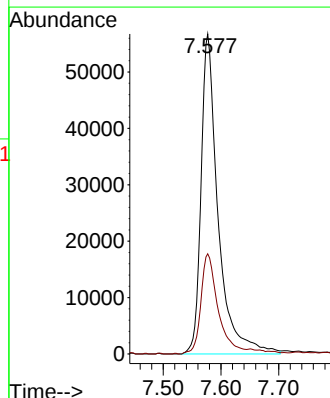
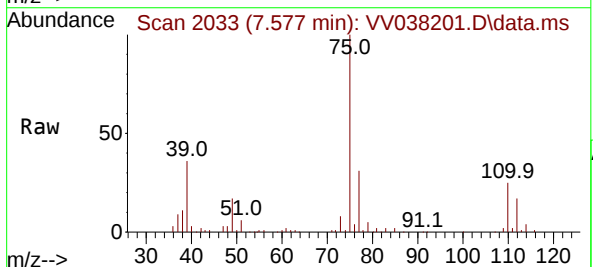
Acq: 20 Nov 2024 08:33

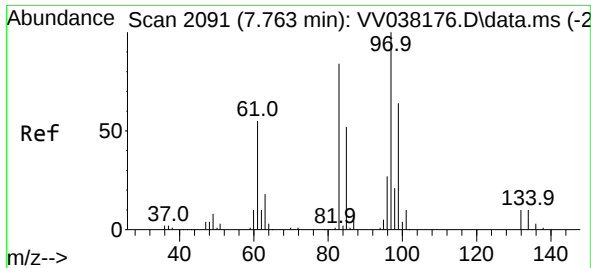
Tgt Ion: 75 Resp: 116131

Ion Ratio Lower Upper

75 100

77 31.3 23.4 43.4

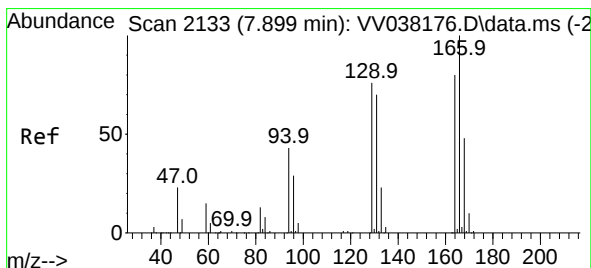
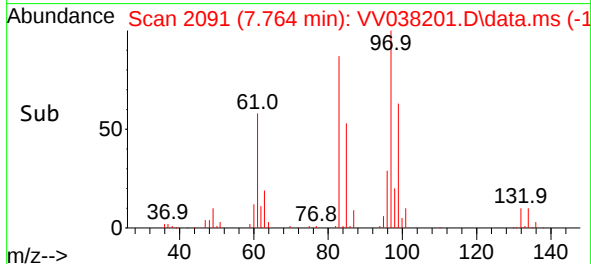
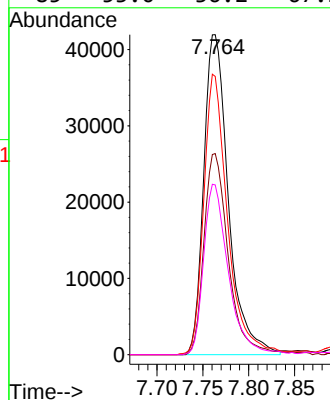
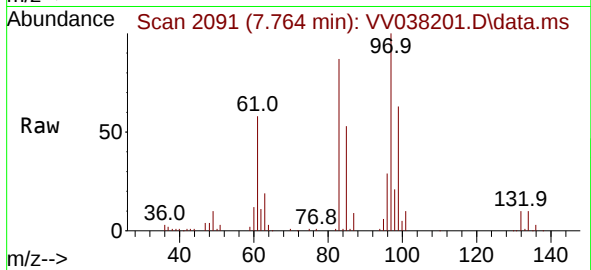




#45
1,1,2-Trichloroethane
Concen: 5.355 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

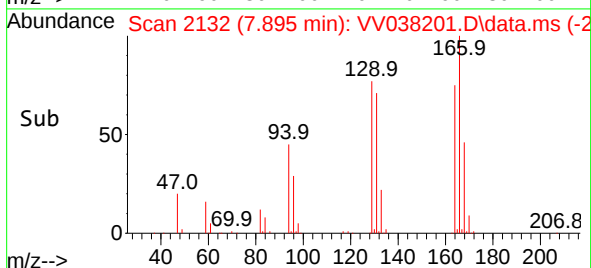
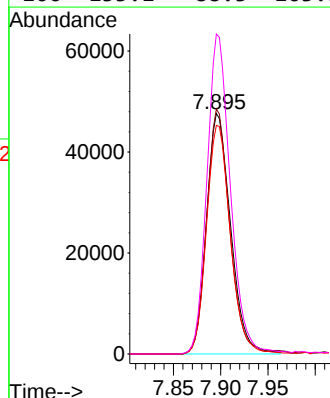
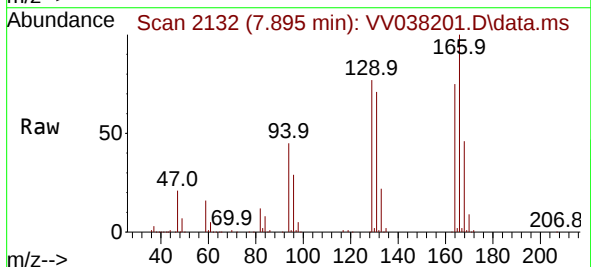
Instrument :
MSVOA_V
ClientSampleId :

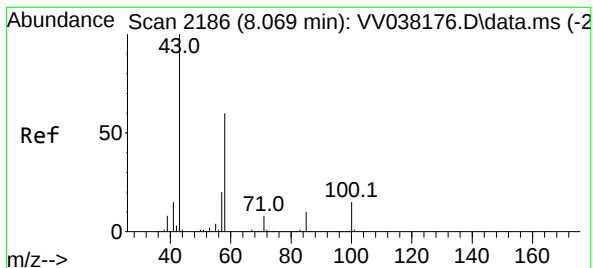
Tgt Ion:	97	Resp:	78638
Ion	Ratio	Lower	Upper
97	100		
99	62.8	41.9	77.7
83	86.9	57.7	107.1
85	53.0	36.2	67.2



#47
Tetrachloroethene
Concen: 5.324 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion:	164	Resp:	84302
Ion	Ratio	Lower	Upper
164	100		
129	101.9	68.5	127.1
131	95.1	64.8	120.4
166	133.1	88.3	163.9





#48

2-Hexanone

Concen: 56.340 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 387187

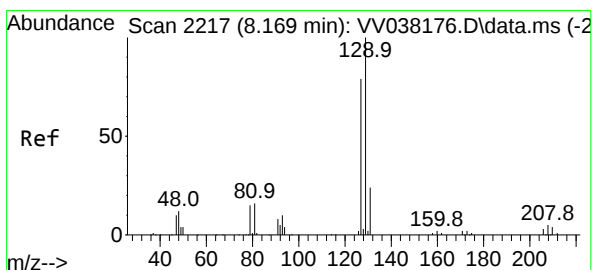
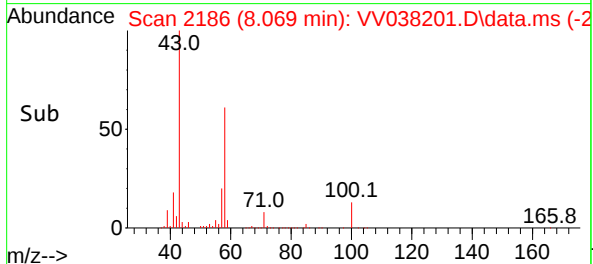
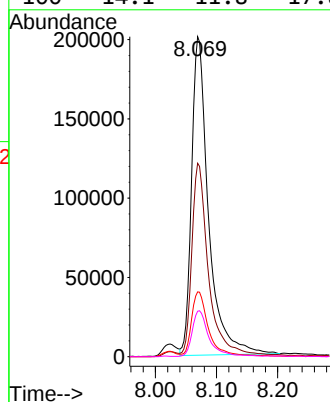
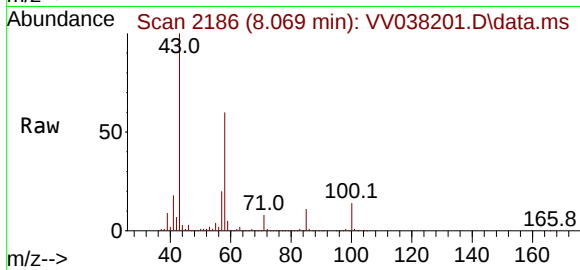
Ion Ratio Lower Upper

43 100

58 59.5 49.2 73.8

57 19.8 16.9 25.3

100 14.1 11.8 17.8



#49

Dibromochloromethane

Concen: 5.510 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV038201.D

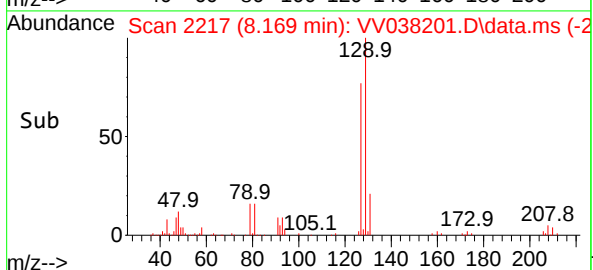
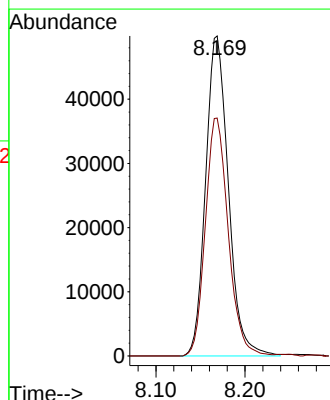
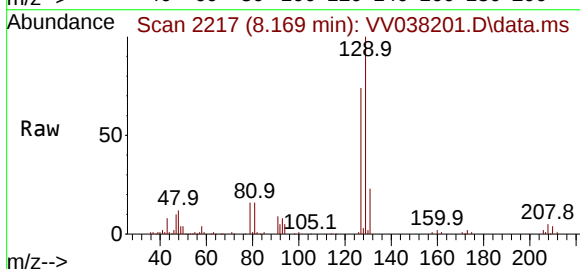
Acq: 20 Nov 2024 08:33

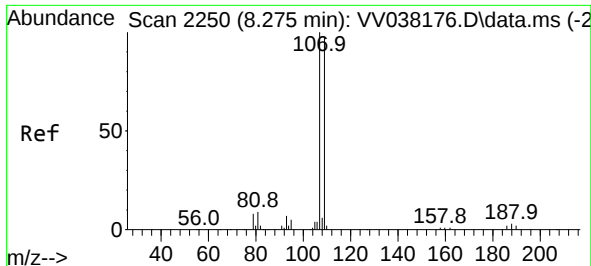
Tgt Ion: 129 Resp: 88220

Ion Ratio Lower Upper

129 100

127 74.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.561 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038201.D

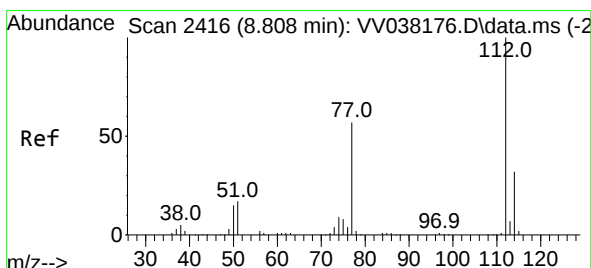
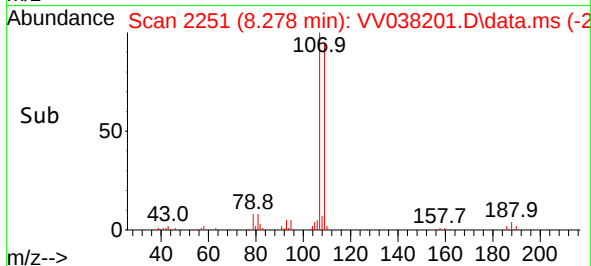
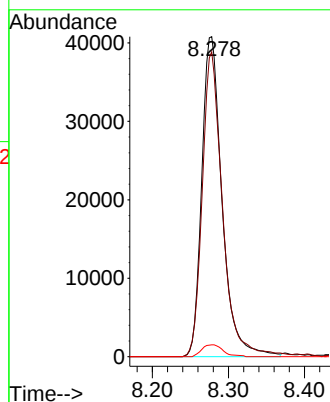
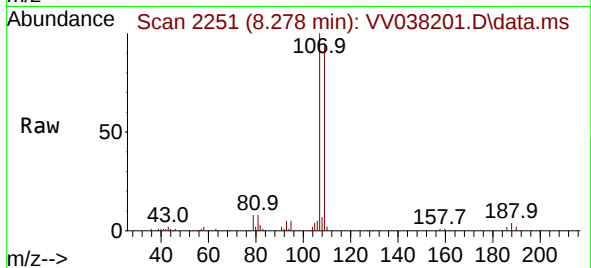
Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	75704
Ion	Ratio	Lower	Upper
107	100		
109	95.3	66.1	122.7
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 5.215 ug/L

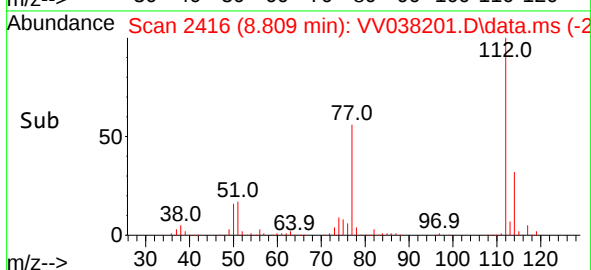
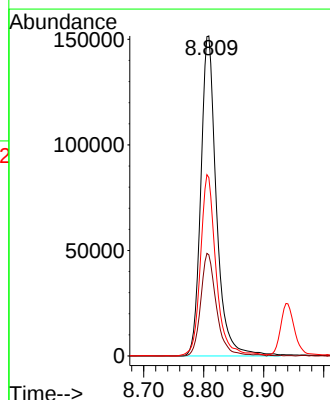
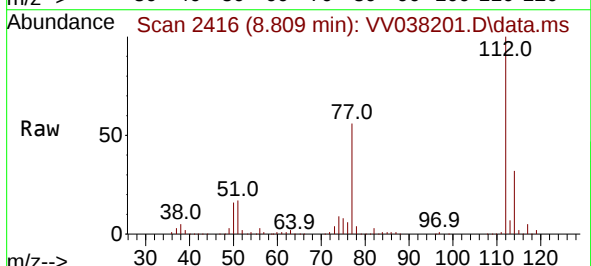
RT: 8.809 min Scan# 2416

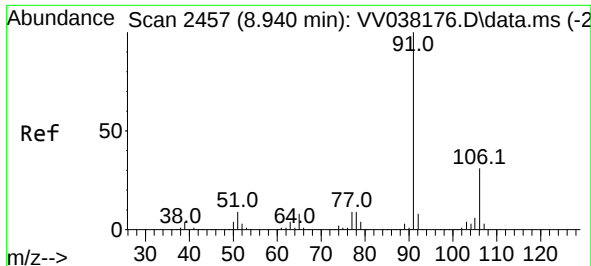
Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Tgt Ion:	112	Resp:	275079
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	40.8
77	55.8	45.0	67.4





#52

Ethylbenzene

Concen: 5.249 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

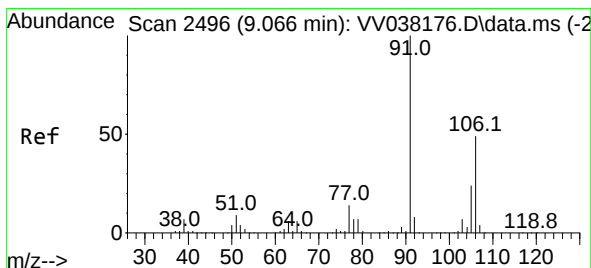
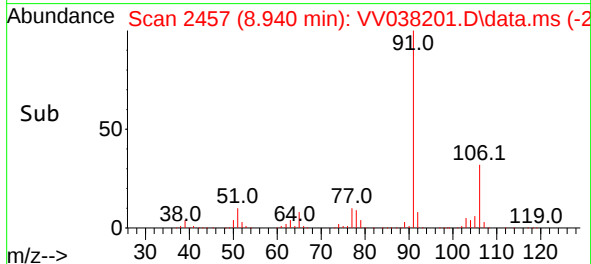
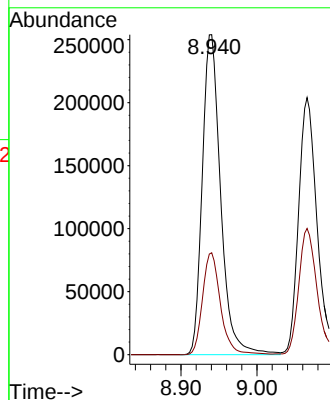
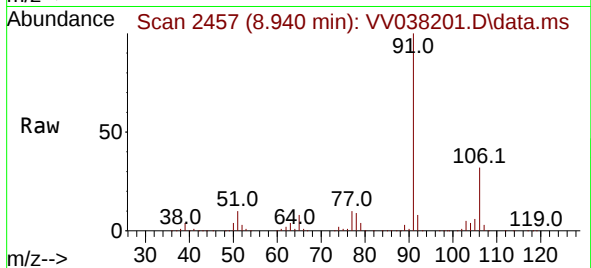
ClientSampleId :

Tgt Ion: 91 Resp: 426289

Ion Ratio Lower Upper

91 100

106 31.9 21.8 40.4



#53

m,p-Xylene

Concen: 5.475 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV038201.D

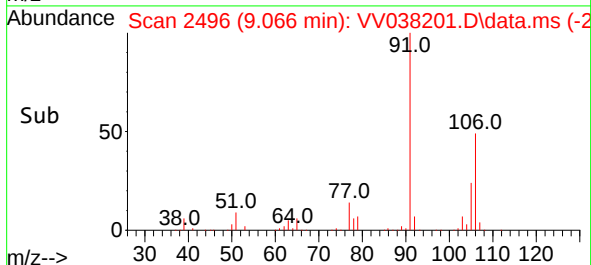
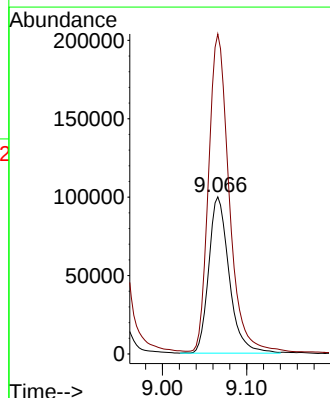
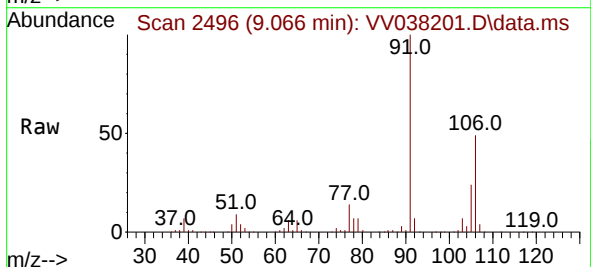
Acq: 20 Nov 2024 08:33

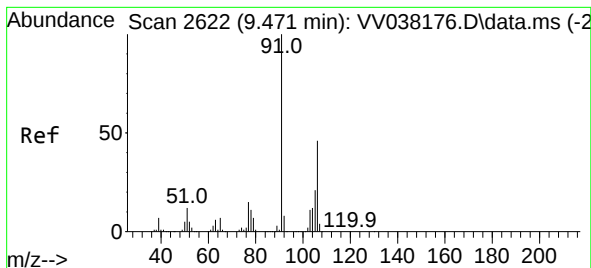
Tgt Ion: 106 Resp: 167793

Ion Ratio Lower Upper

106 100

91 203.7 138.7 257.5





#54

o-Xylene

Concen: 5.266 ug/L

RT: 9.471 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

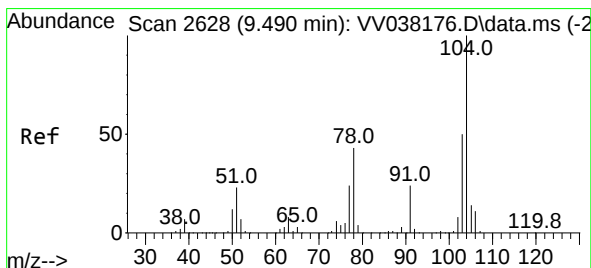
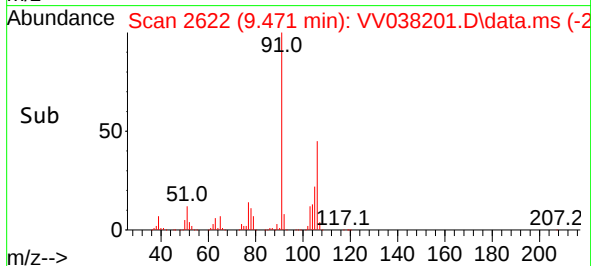
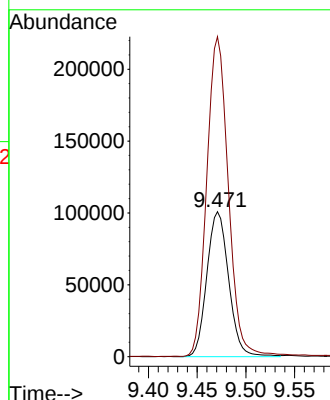
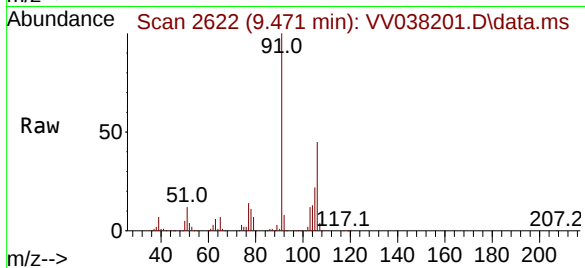
ClientSampleId :

Tgt Ion:106 Resp: 157113

Ion Ratio Lower Upper

106 100

91 220.7 155.5 288.7



#55

Styrene

Concen: 5.664 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV038201.D

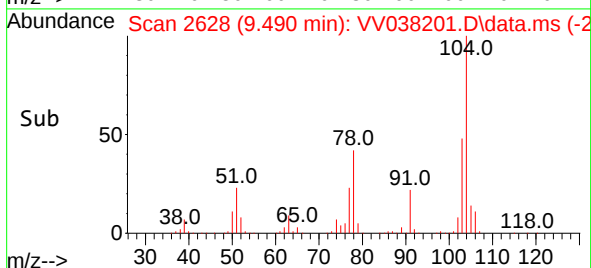
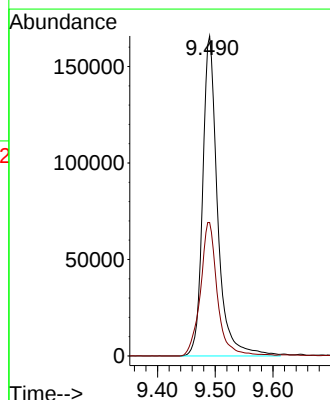
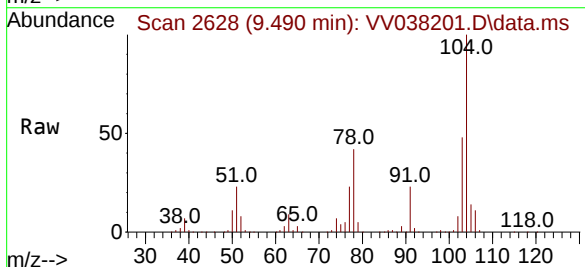
Acq: 20 Nov 2024 08:33

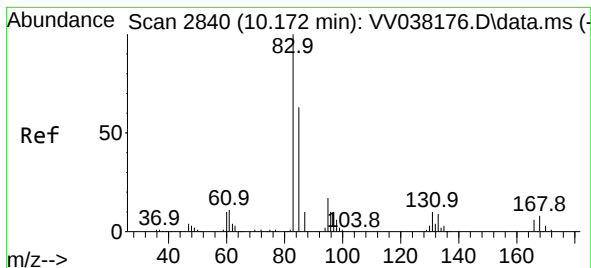
Tgt Ion:104 Resp: 297893

Ion Ratio Lower Upper

104 100

78 41.7 29.7 55.1

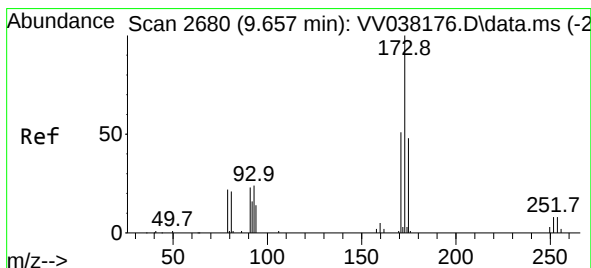
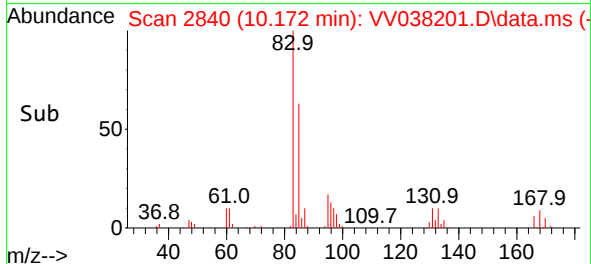
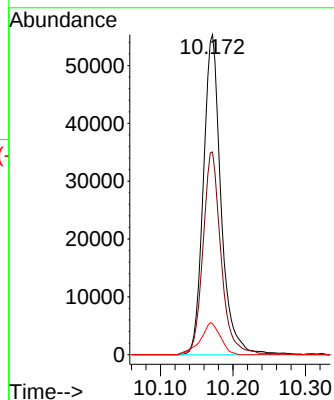
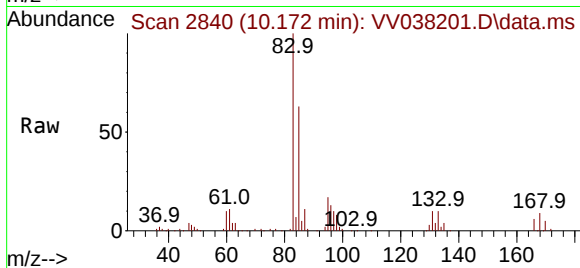




#57
1,1,2,2-Tetrachloroethane
Concen: 5.446 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

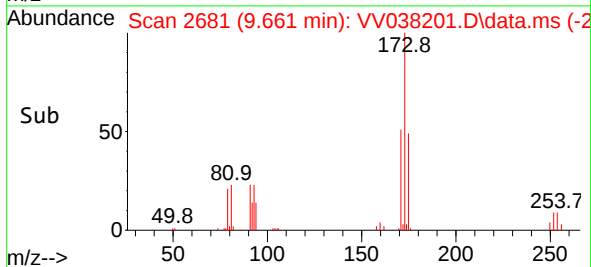
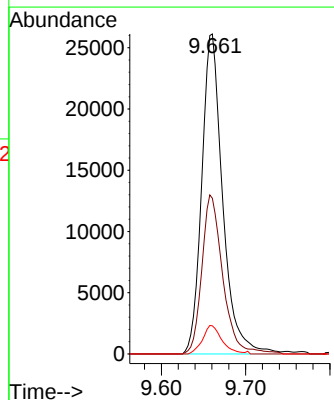
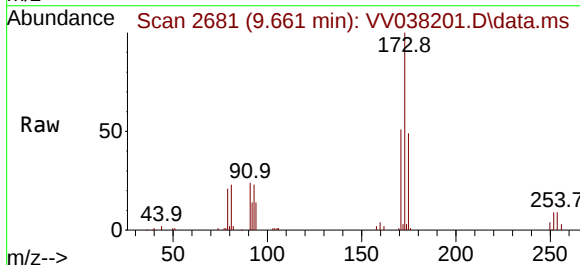
Instrument :
MSVOA_V
ClientSampleId :

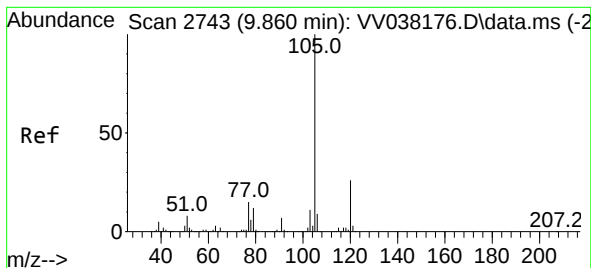
Tgt Ion:	83	Resp:	93509
Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.7	84.9
131	9.7	8.2	12.4



#59
Bromoform
Concen: 5.350 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion:	173	Resp:	45241
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.5	57.7
254	8.3	6.9	10.3





#60

Isopropylbenzene

Concen: 5.171 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

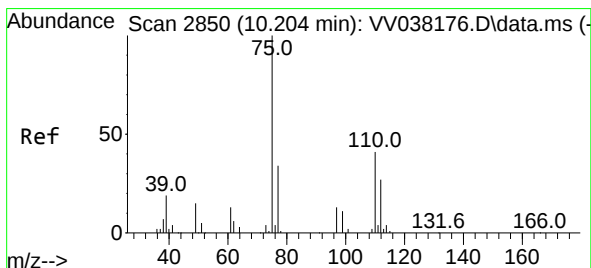
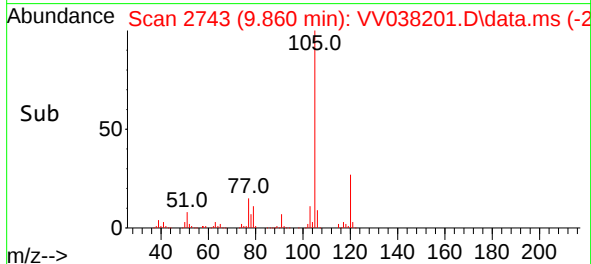
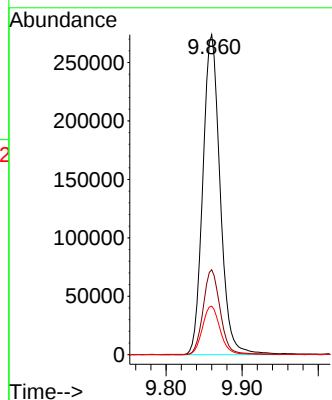
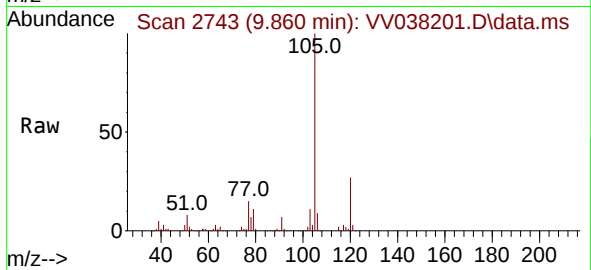
Tgt Ion:105 Resp: 432810

Ion Ratio Lower Upper

105 100

120 26.3 20.8 31.2

77 15.2 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.317 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

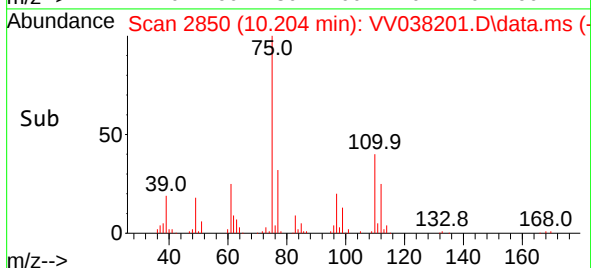
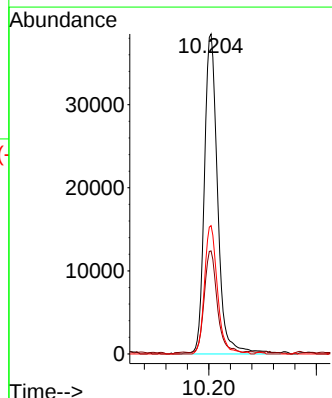
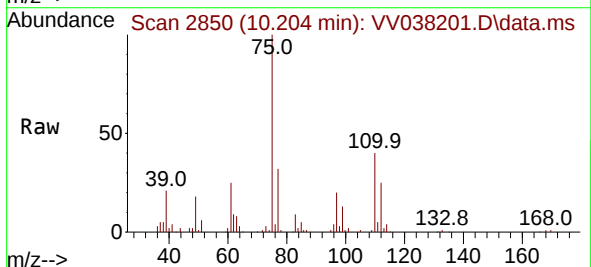
Tgt Ion: 75 Resp: 66156

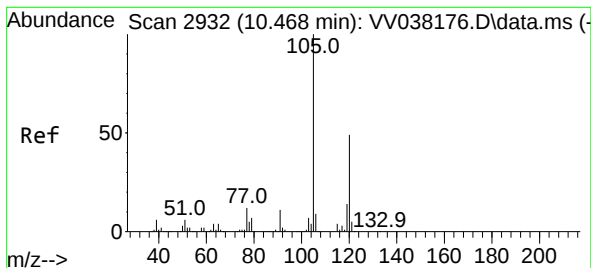
Ion Ratio Lower Upper

75 100

77 30.7 26.4 39.6

110 39.3 32.3 48.5

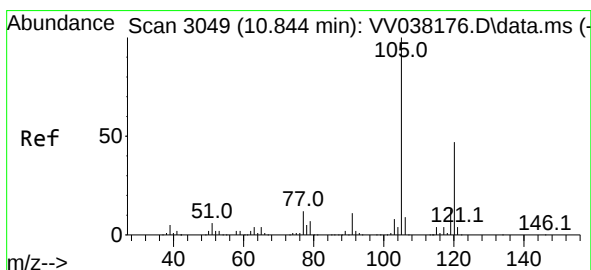
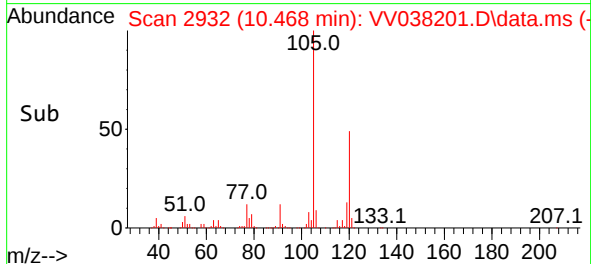
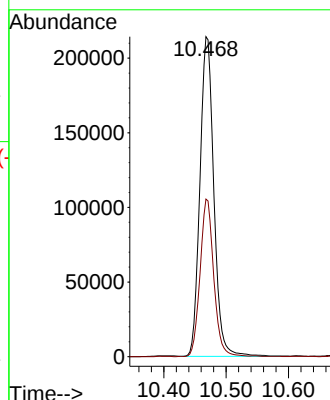
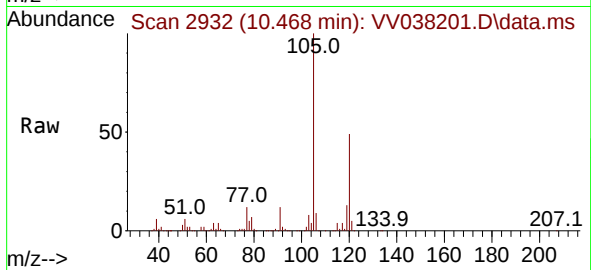




#62
1,3,5-Trimethylbenzene
Concen: 5.005 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

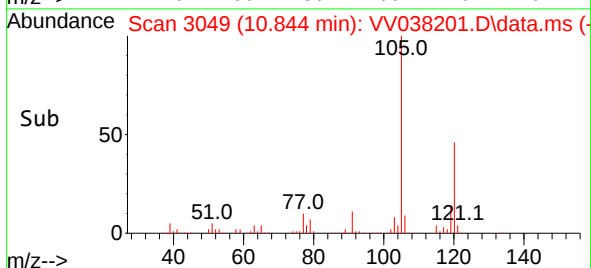
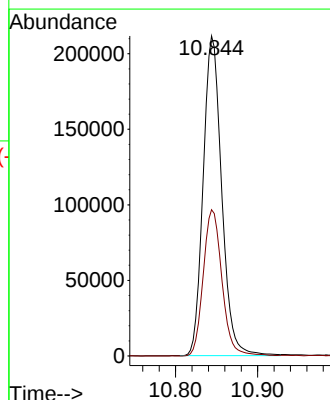
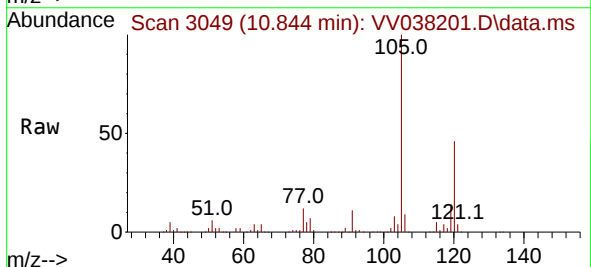
Instrument :
MSVOA_V
ClientSampleId :

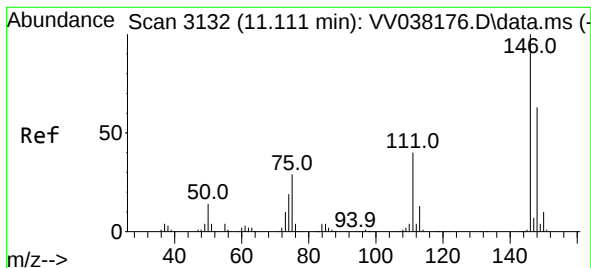
Tgt Ion:105 Resp: 332380
Ion Ratio Lower Upper
105 100
120 48.5 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 5.014 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV038201.D
Acq: 20 Nov 2024 08:33

Tgt Ion:105 Resp: 332071
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 5.161 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

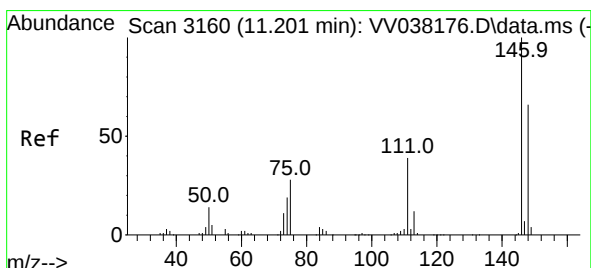
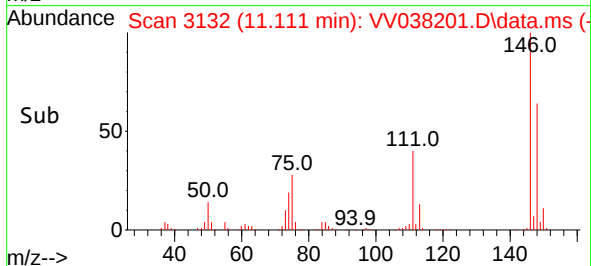
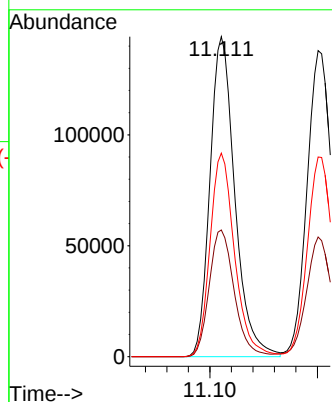
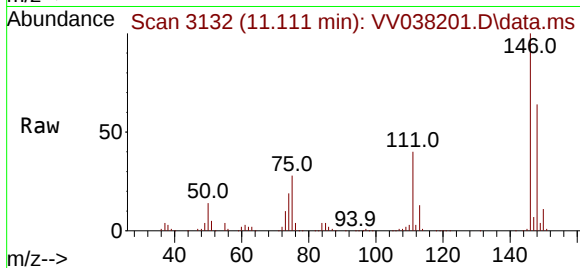
Tgt Ion:146 Resp: 231935

Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 63.6 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 5.184 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

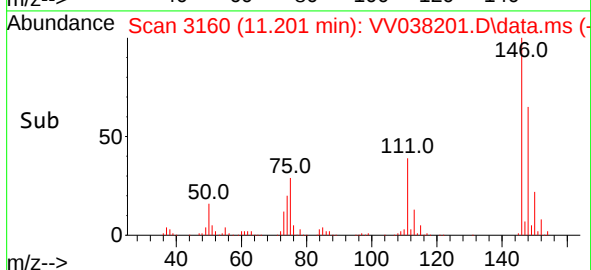
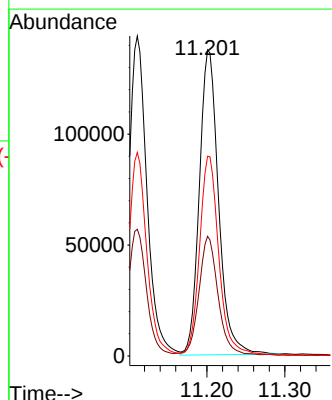
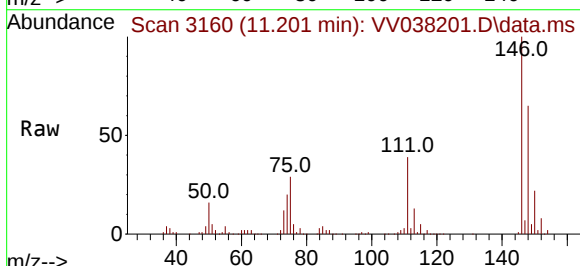
Tgt Ion:146 Resp: 235510

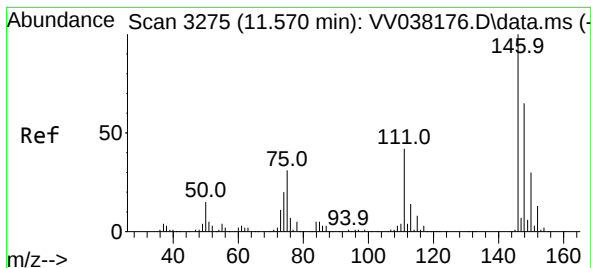
Ion Ratio Lower Upper

146 100

111 39.1 27.4 50.8

148 65.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.114 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

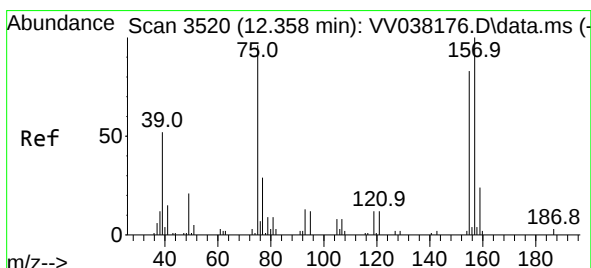
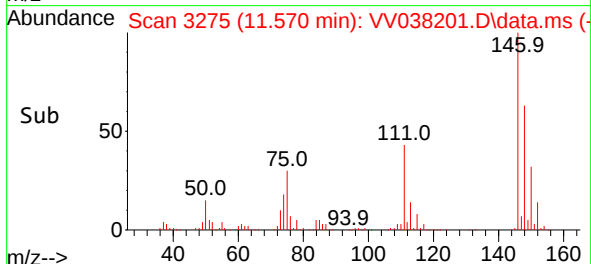
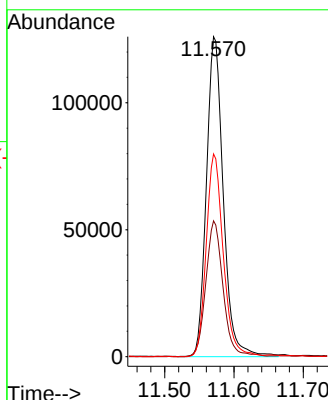
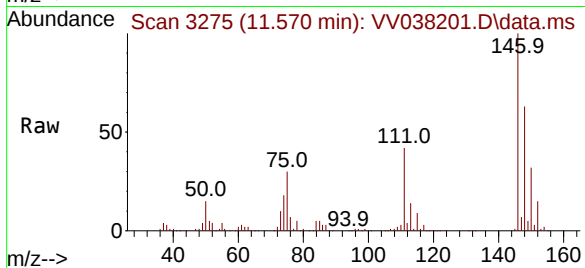
Tgt Ion:146 Resp: 212733

Ion Ratio Lower Upper

146 100

111 42.5 34.2 51.2

148 63.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.995 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

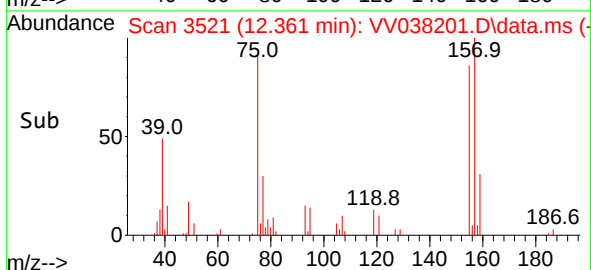
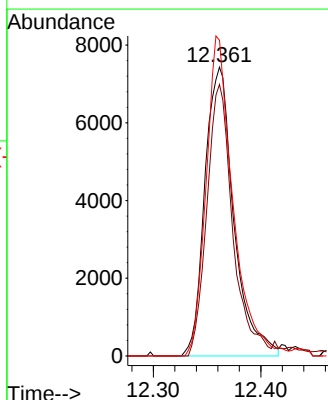
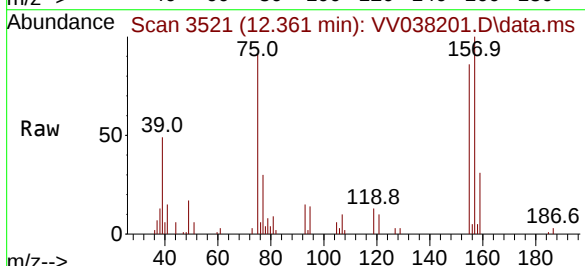
Tgt Ion: 75 Resp: 13950

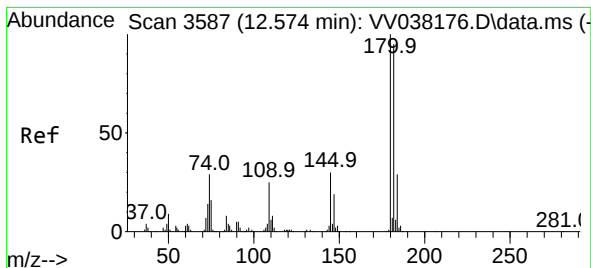
Ion Ratio Lower Upper

75 100

155 94.0 67.5 101.3

157 109.3 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.844 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 154223

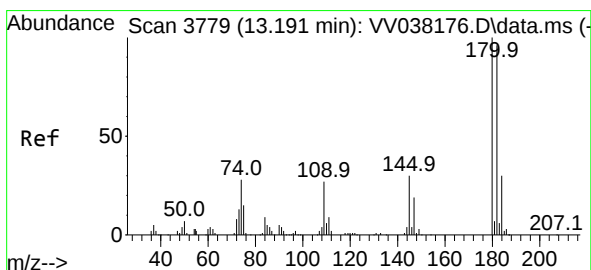
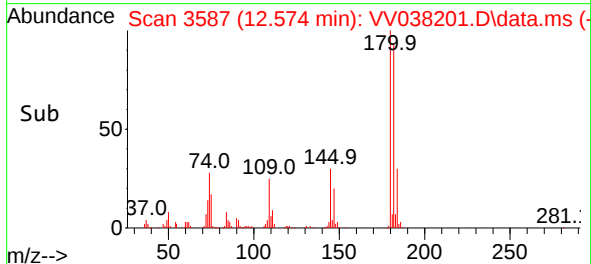
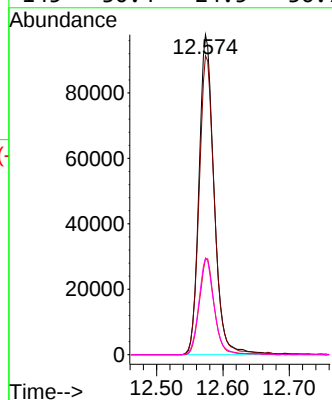
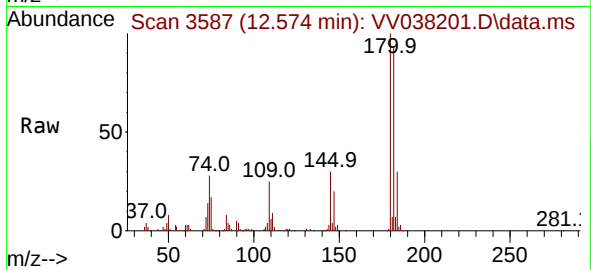
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

184 29.7 23.7 35.5

145 30.4 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.776 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

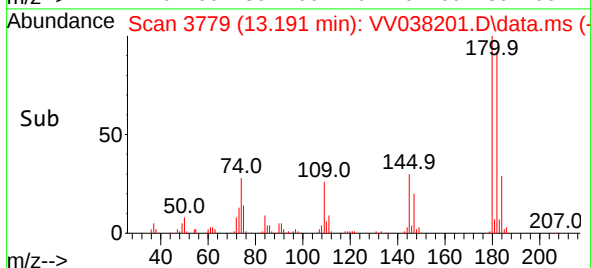
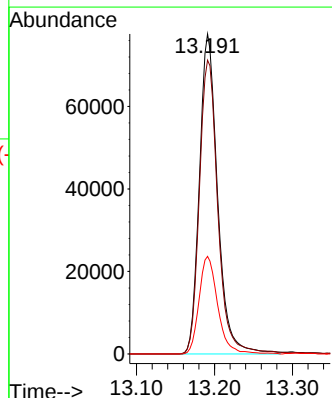
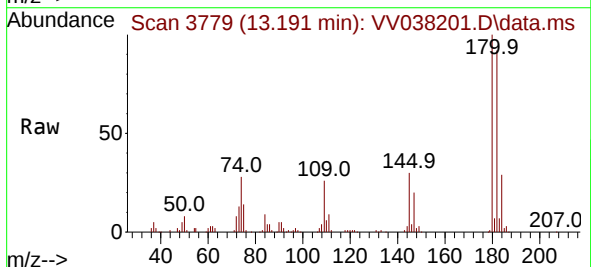
Tgt Ion:180 Resp: 125682

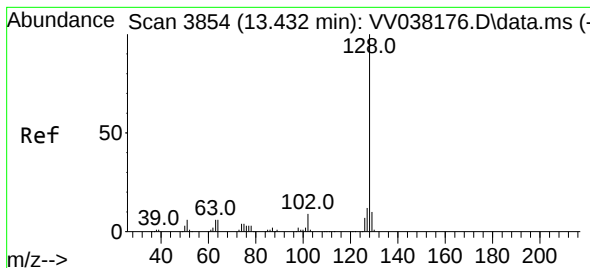
Ion Ratio Lower Upper

180 100

182 93.5 73.8 110.8

145 31.2 24.6 37.0





#71

Naphthalene

Concen: 3.975 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Instrument :

MSVOA_V

ClientSampleId :

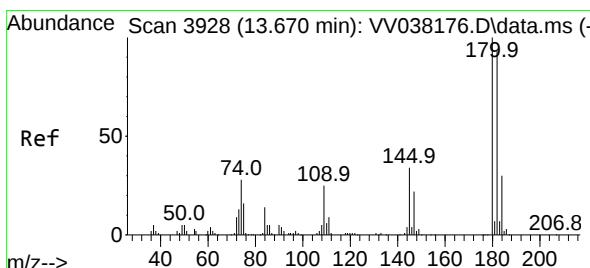
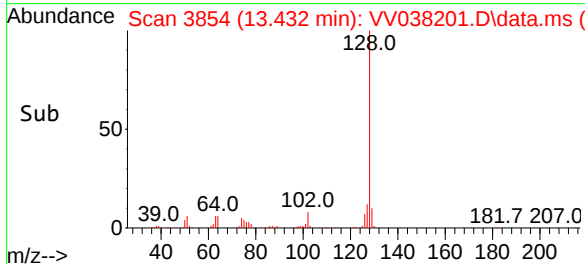
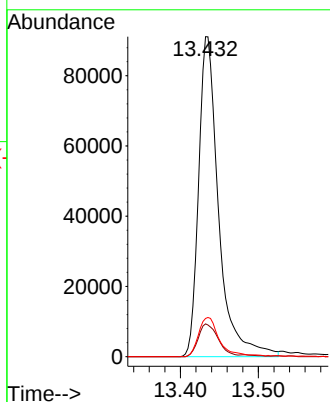
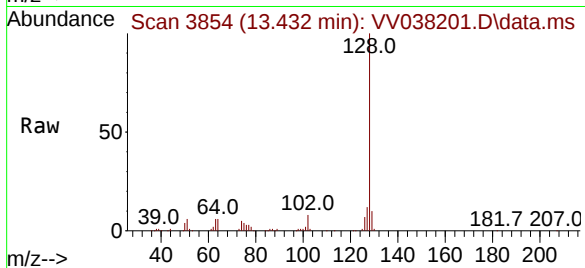
Tgt Ion:128 Resp: 162722

Ion Ratio Lower Upper

128 100

129 10.2 8.5 12.7

127 12.6 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.696 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038201.D

Acq: 20 Nov 2024 08:33

Tgt Ion:180 Resp: 114179

Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

145 33.1 27.0 40.4

