

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038188.D
 Acq On : 19 Nov 2024 19:46
 Operator : SY/MD
 Sample : P4882-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:18:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	236428	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	256363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	112773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81762	4.512	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.529	69	75606	5.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.053	65	37688	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.780	46	197858	54.579	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.160%
24) Chloroform-d	4.240	84	180982	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	4.934	65	88960	5.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	4.953	84	323988	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.982	67	111025	5.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.239	98	262934	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.558	79	35060	4.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.018	63	192334	65.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.540%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92932	5.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	112005	5.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	21984	0.983	ug/L	99
3) Chloromethane	1.214	50	6266	0.325	ug/L	96
5) Vinyl chloride	1.278	62	788	0.036	ug/L #	1
6) Bromomethane	1.484	94	415	0.049	ug/L	72
8) Chloroethane	1.568	64	701	0.050	ug/L #	60
9) Trichlorofluoromethane	1.709	101	12222	0.393	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	4370	0.247	ug/L	86
12) 1,1-Dichloroethene	2.063	96	4288	0.254	ug/L #	1
13) Acetone	2.111	43	6833	2.549	ug/L	94
14) Carbon disulfide	2.236	76	874	0.016	ug/L #	75
15) Methyl Acetate	2.413	43	204	0.031	ug/L #	47
16) Methylene chloride	2.442	84	24809	1.288	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	7106	0.186	ug/L #	96
18) trans-1,2-Dichloroethene	2.693	96	1371	0.077	ug/L	98
19) 1,1-Dichloroethane	3.108	63	5070	0.157	ug/L #	89
21) 2-Butanone	3.928	43	155	0.040	ug/L #	49
22) cis-1,2-Dichloroethene	3.812	96	30591	1.663	ug/L	98
23) Bromochloromethane	4.166	128	20	0.002	ug/L #	1
25) Chloroform	4.268	83	7544	0.218	ug/L	99

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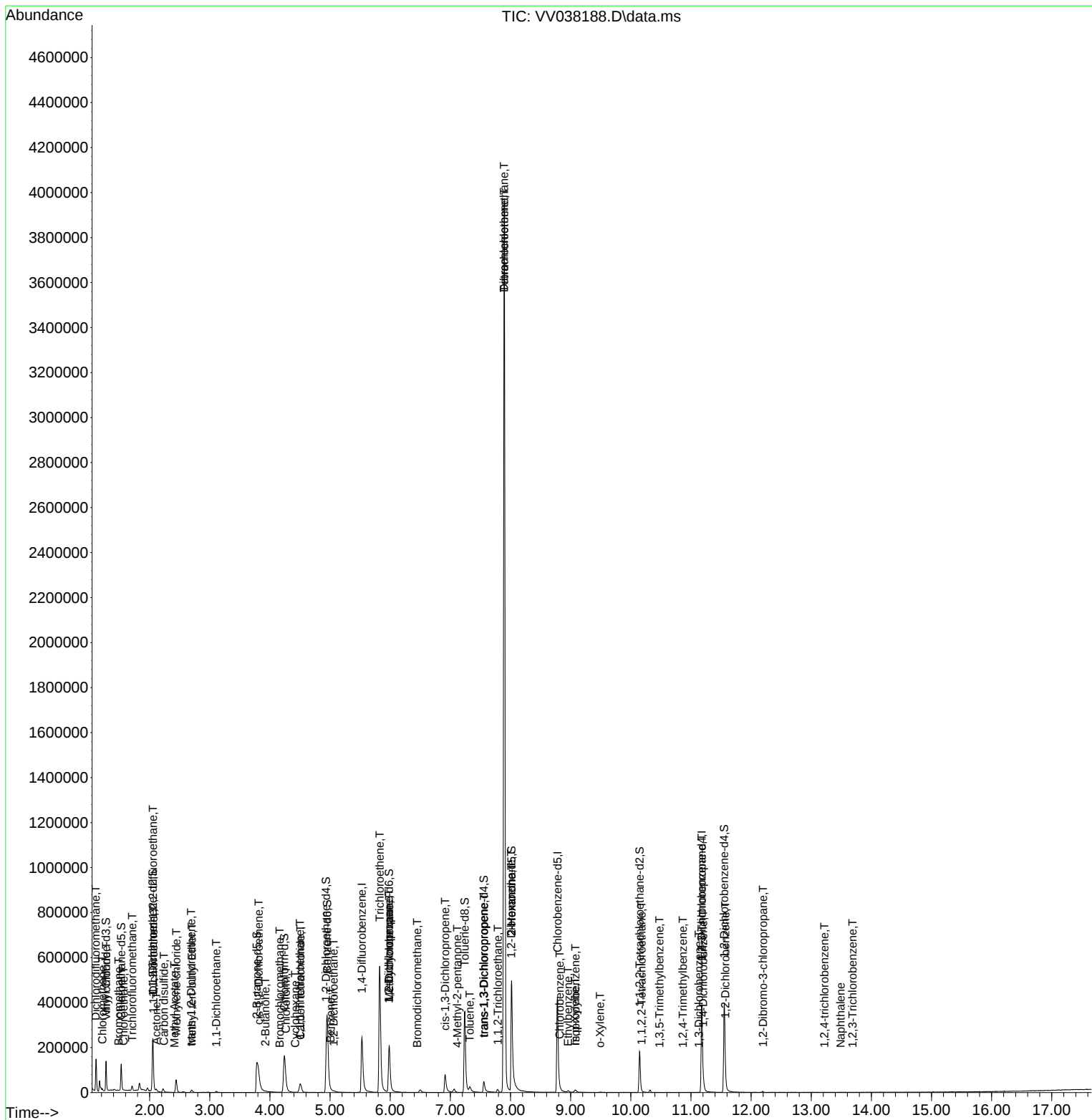
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 ClientSampleId :

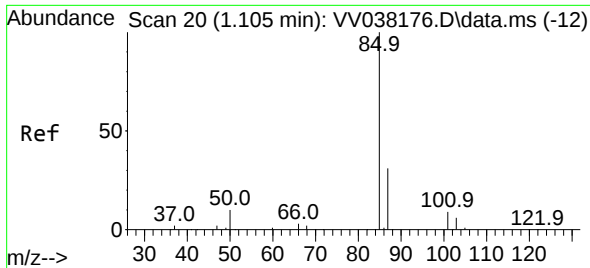
Quant Time: Nov 20 00:18:39 2024
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.059	62	1288	0.069	ug/L #	72
29) 1,1,1-Trichloroethane	4.503	97	33511	1.090	ug/L	98
30) Cyclohexane	4.420	56	21	0.001	ug/L #	1
31) Carbon tetrachloride	4.510	117	4399	0.162	ug/L	91
33) Benzene	5.008	78	1166	0.016	ug/L	100
34) Trichloroethene	5.825	95	210275	10.712	ug/L	97
35) Methylcyclohexane	5.985	83	27154	0.978	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	11507	0.638	ug/L #	85
38) Bromodichloromethane	6.452	83	80	0.003	ug/L #	26
39) cis-1,3-Dichloropropene	6.915	75	2500	0.099	ug/L #	62
40) 4-Methyl-2-pentanone	7.117	43	344	0.036	ug/L #	41
42) Toluene	7.323	91	20184	0.265	ug/L	94
44) trans-1,3-Dichloropropene	7.561	75	1608	0.076	ug/L #	79
45) 1,1,2-Trichloroethane	7.789	97	255	0.017	ug/L #	1
47) Tetrachloroethene	7.895	164	878248	55.677	ug/L	99
48) 2-Hexanone	8.018	43	21007	3.069	ug/L #	64
49) Dibromochloromethane	7.895	129	808768	50.711	ug/L #	11
50) 1,2-Dibromoethane	8.011	107	170	0.013	ug/L #	5
51) Chlorobenzene	8.818	112	10027	0.191	ug/L	94
52) Ethylbenzene	8.956	91	5406	0.067	ug/L	89
53) m,p-Xylene	9.079	106	3710	0.122	ug/L	99
54) o-Xylene	9.487	106	717	0.024	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.178	83	1794	0.105	ug/L #	71
60) Isopropylbenzene	9.082	105	1618	0.025	ug/L #	27
61) 1,2,3-Trichloropropane	11.178	75	16181	1.676	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.477	105	110	0.002	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.866	105	131	0.003	ug/L #	30
64) 1,3-Dichlorobenzene	11.133	146	700	0.020	ug/L	83
65) 1,4-Dichlorobenzene	11.204	146	16331	0.463	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	13315	0.412	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.201	75	148	0.068	ug/L #	2
70) 1,2,4-trichlorobenzene	13.220	180	209	0.010	ug/L #	43
71) Naphthalene	13.487	128	428	0.013	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.689	180	84	0.004	ug/L #	13

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

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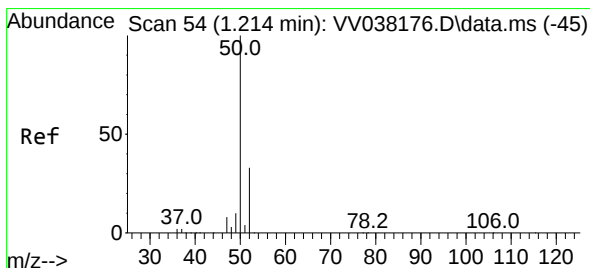
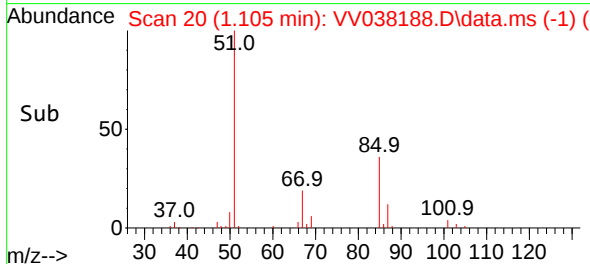
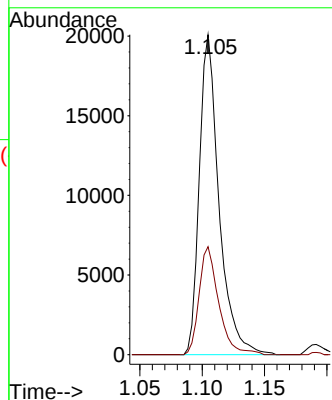
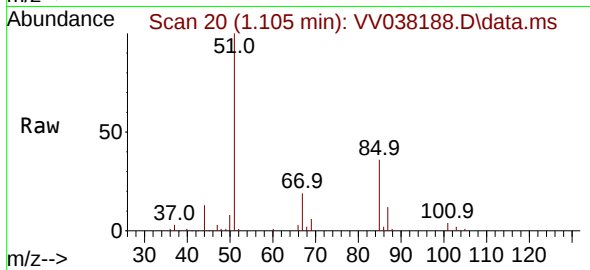




#2
Dichlorodifluoromethane
Concen: 0.983 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

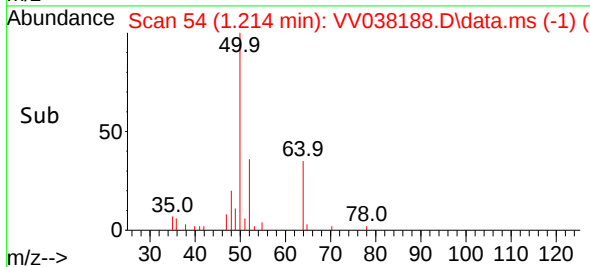
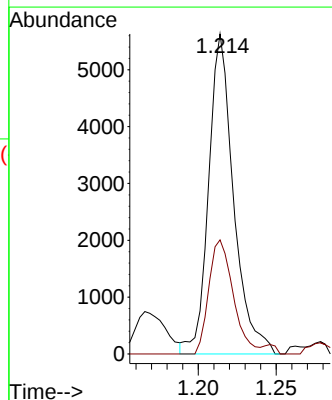
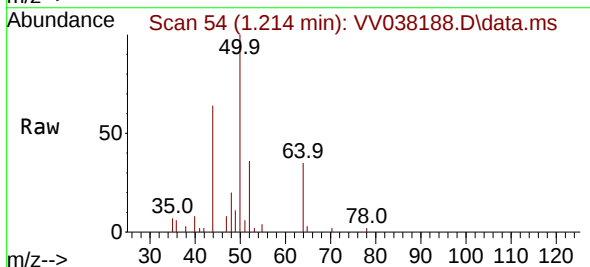
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MSVOA_V
ClientSampleId :

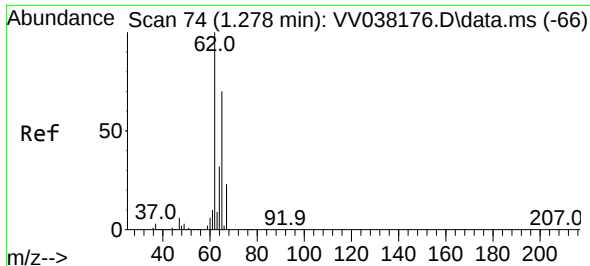
Tgt Ion: 85 Resp: 21984
Ion Ratio Lower Upper
85 100
87 33.6 26.5 39.7



#3
Chloromethane
Concen: 0.325 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion: 50 Resp: 6266
Ion Ratio Lower Upper
50 100
52 35.6 23.5 43.7

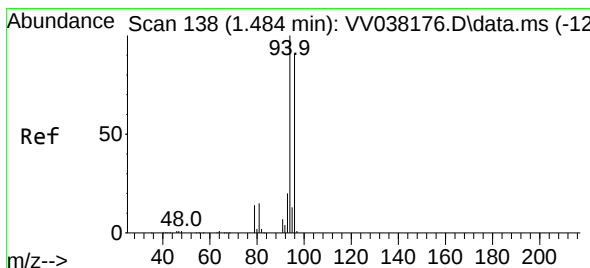
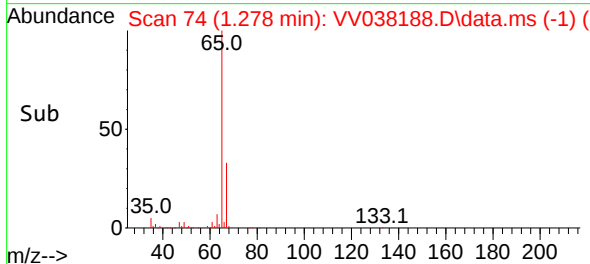
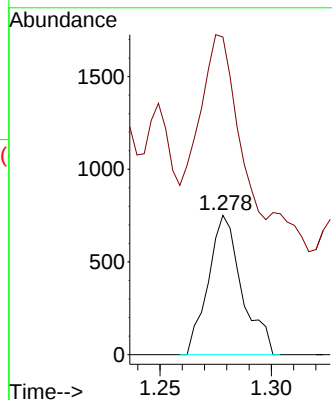
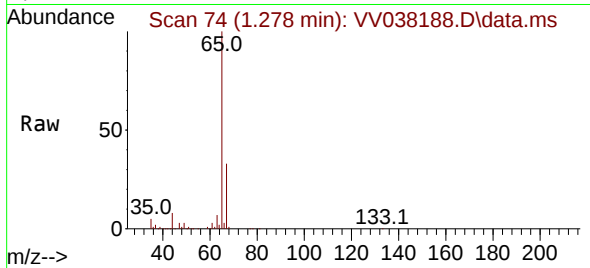




#5
 Vinyl chloride
 Concen: 0.036 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038188.D
 Acq: 19 Nov 2024 19:46

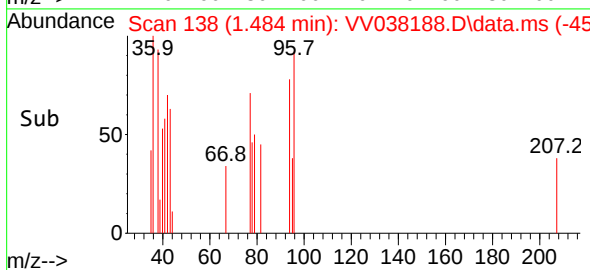
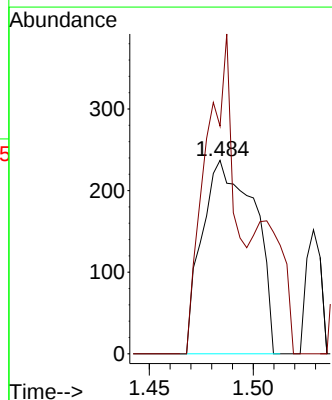
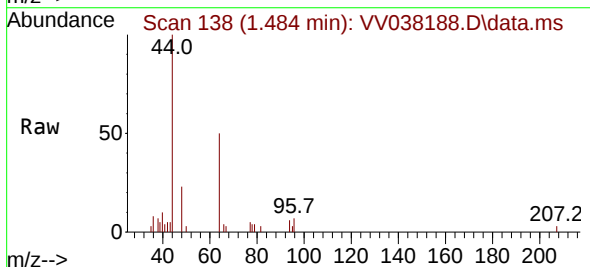
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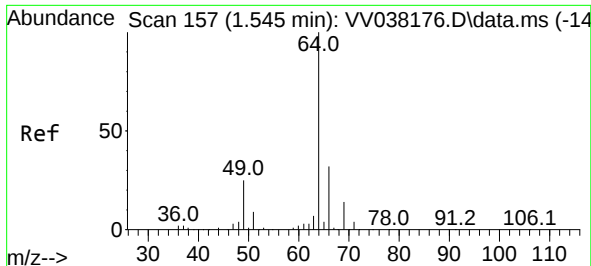
Tgt Ion: 62 Resp: 788
 Ion Ratio Lower Upper
 62 100
 64 227.8 24.4 45.4#



#6
 Bromomethane
 Concen: 0.049 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038188.D
 Acq: 19 Nov 2024 19:46

Tgt Ion: 94 Resp: 415
 Ion Ratio Lower Upper
 94 100
 96 117.7 63.7 118.3

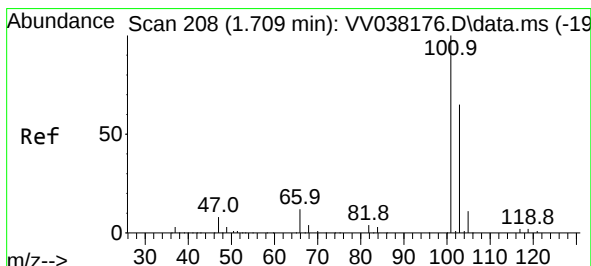
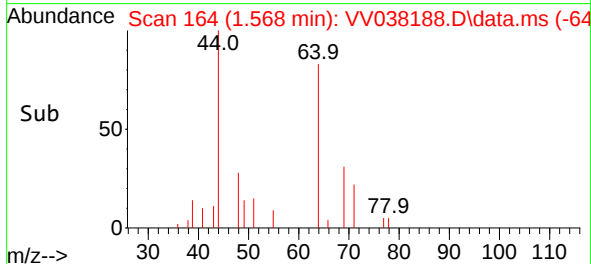
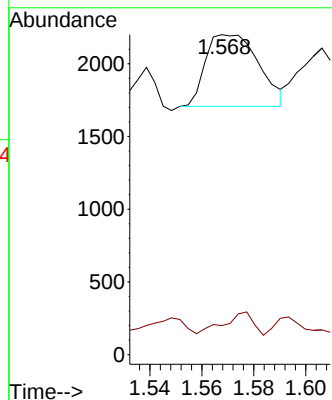
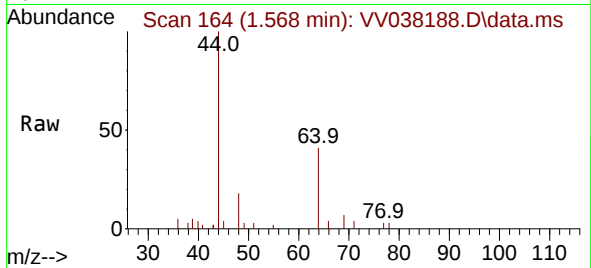




#8
Chloroethane
Concen: 0.050 ug/L
RT: 1.568 min Scan# 11
Delta R.T. 0.023 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

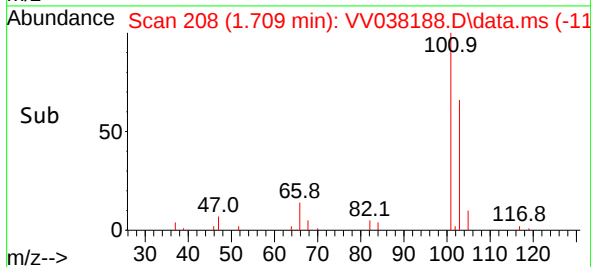
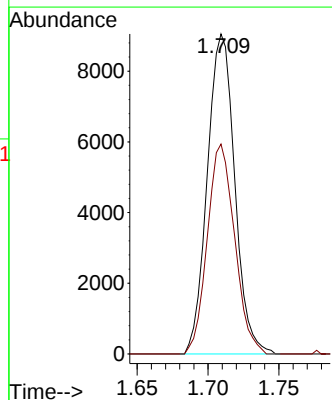
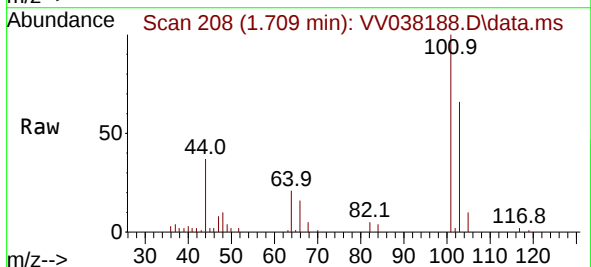
Instrument :
MSVOA_V
ClientSampleId :

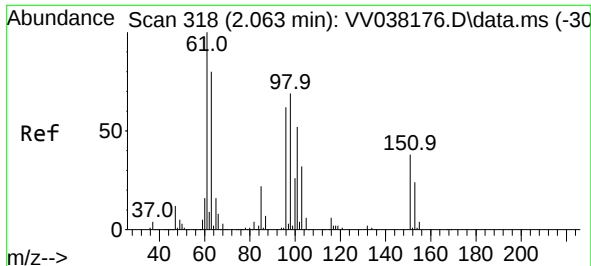
Tgt Ion: 64 Resp: 701
Ion Ratio Lower Upper
64 100
66 9.1 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.393 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion:101 Resp: 12222
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

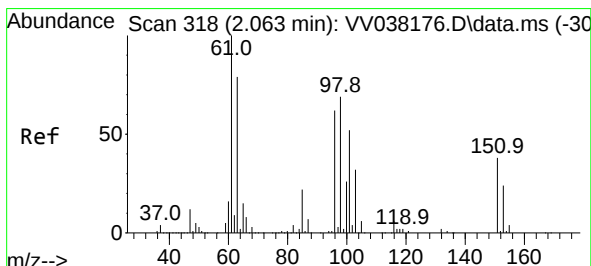
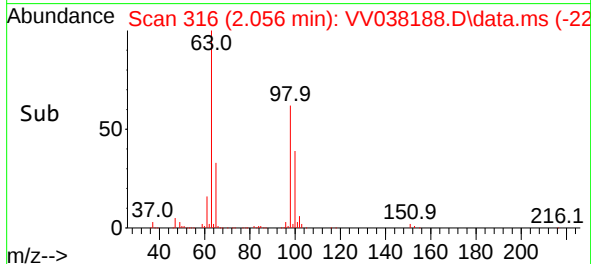
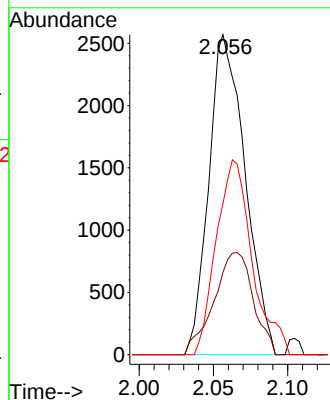
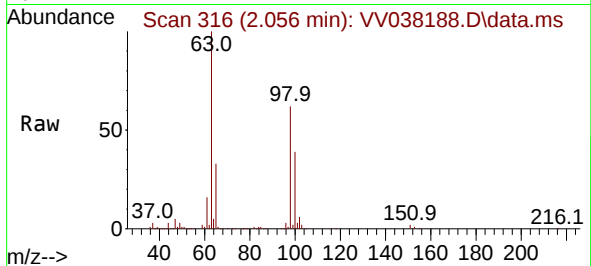




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.247 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.006 min
 Lab File: VV038188.D
 Acq: 19 Nov 2024 19:46

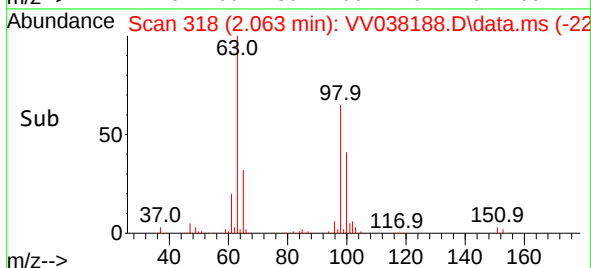
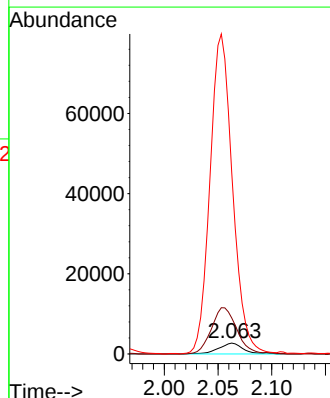
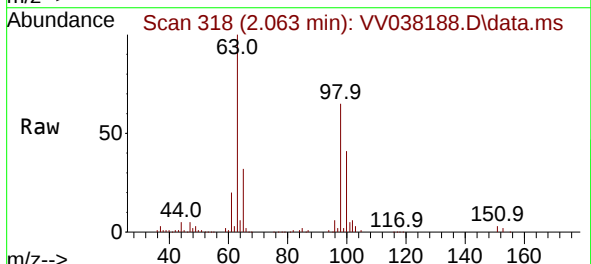
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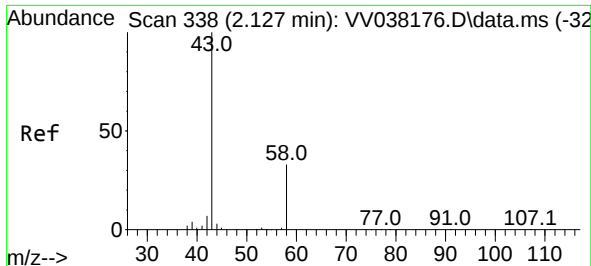
Tgt Ion:101 Resp: 4370
 Ion Ratio Lower Upper
 101 100
 85 34.6 33.4 50.0
 151 60.2 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 0.254 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038188.D
 Acq: 19 Nov 2024 19:46

Tgt Ion: 96 Resp: 4288
 Ion Ratio Lower Upper
 96 100
 61 328.3 115.7 214.9#
 63 1657.1 101.1 187.7#





#13

Acetone

Concen: 2.549 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

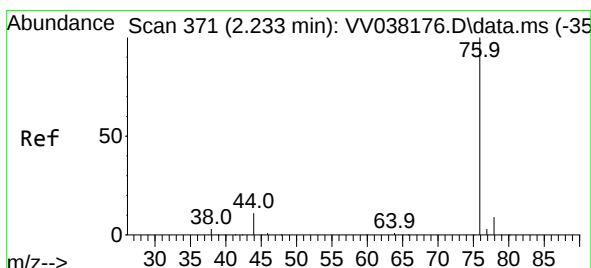
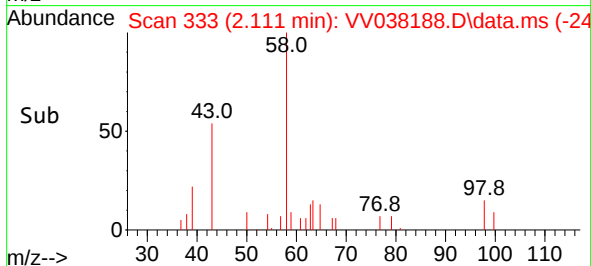
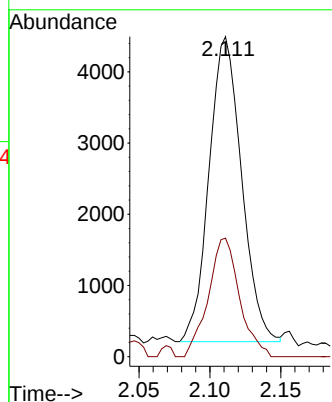
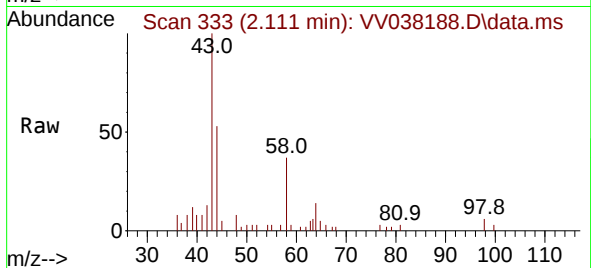
ClientSampleId :

Tgt Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

58 37.2 0.0 67.2



#14

Carbon disulfide

Concen: 0.016 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038188.D

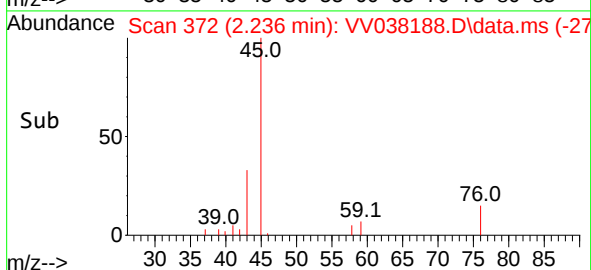
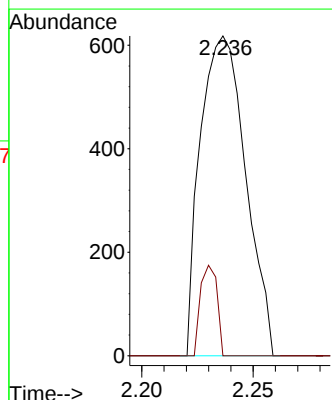
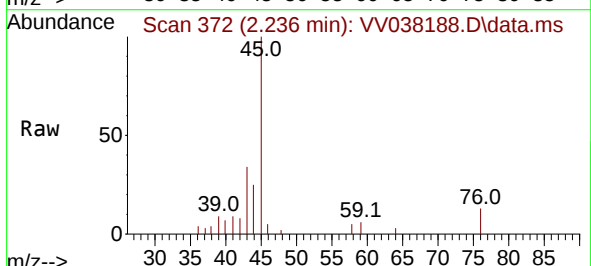
Acq: 19 Nov 2024 19:46

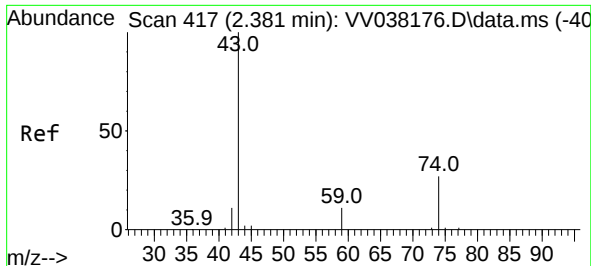
Tgt Ion: 76 Resp: 874

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

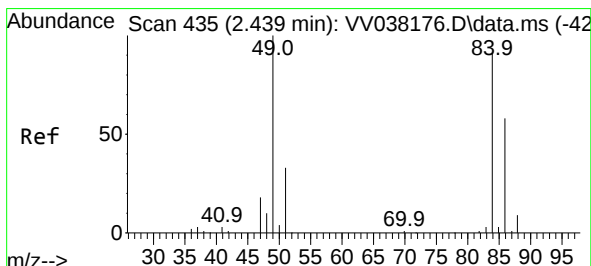
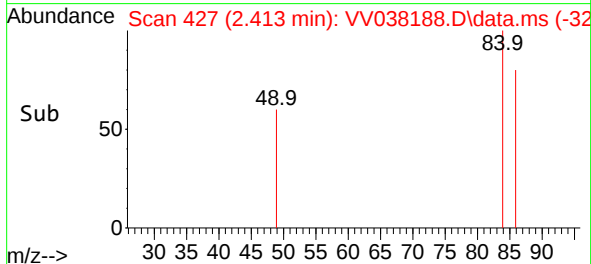
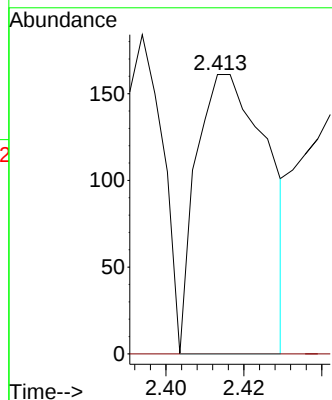
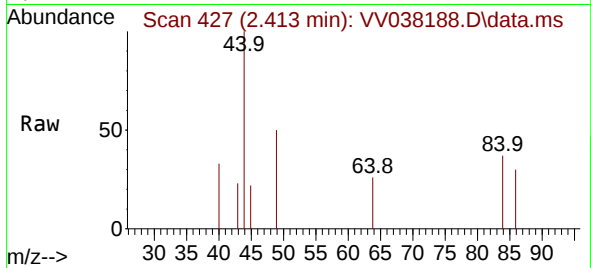




#15
Methyl Acetate
Concen: 0.031 ug/L
RT: 2.413 min Scan# 41
Delta R.T. 0.032 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

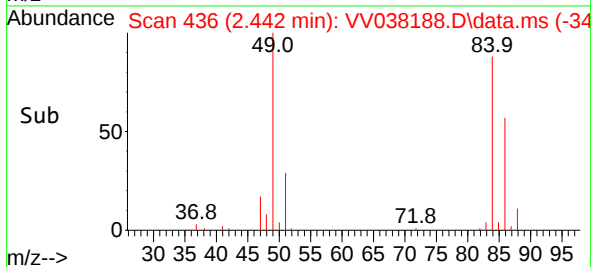
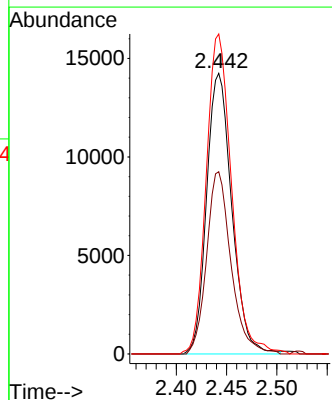
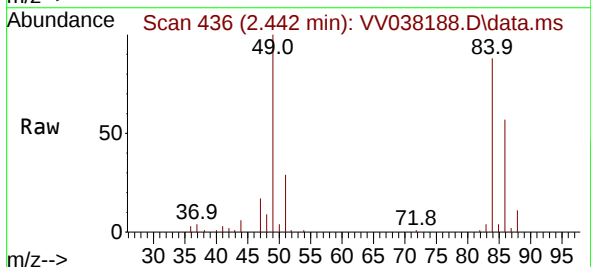
Instrument :
MSVOA_V
ClientSampleId :

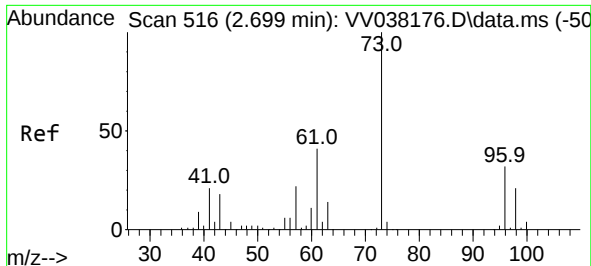
Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 1.288 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion: 84 Resp: 24809
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.2
49 114.0 74.9 139.1

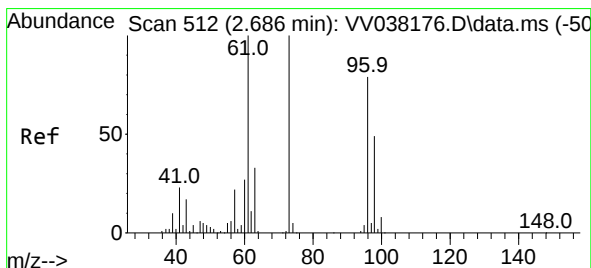
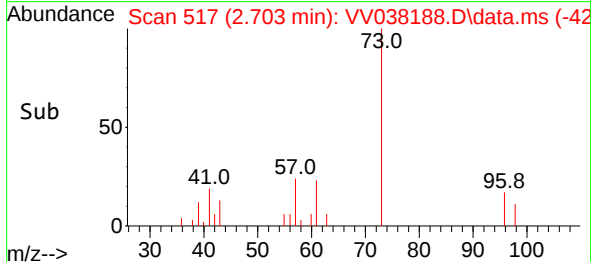
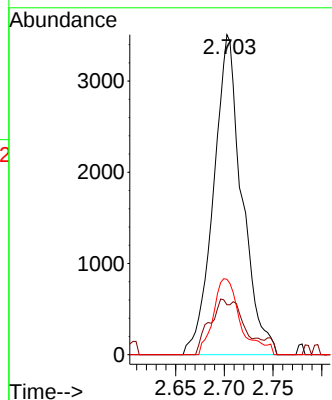
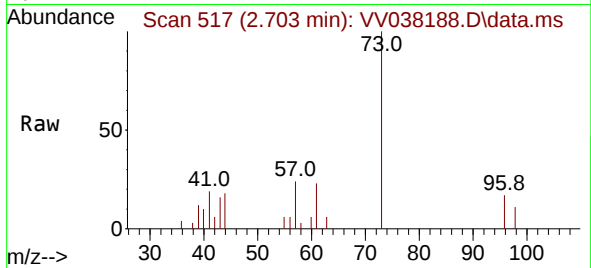




#17
Methyl tert-butyl Ether
Concen: 0.186 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

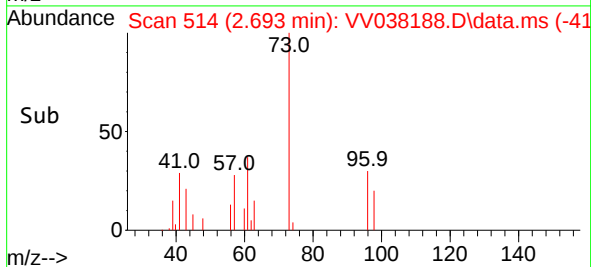
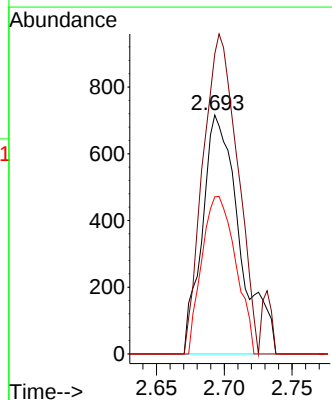
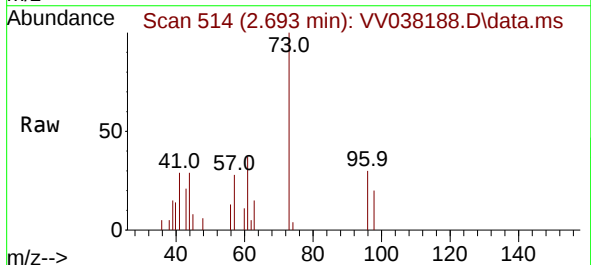
Instrument :
MSVOA_V
ClientSampleId :

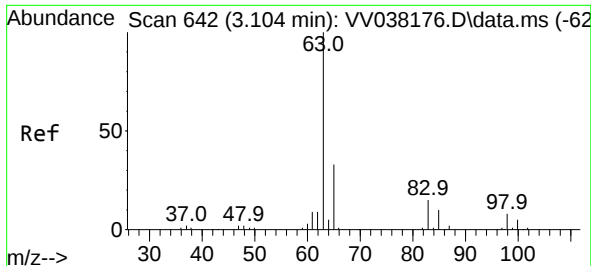
Tgt Ion: 73 Resp: 7106
Ion Ratio Lower Upper
73 100
43 21.3 14.2 21.2#
57 22.7 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.077 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion: 96 Resp: 1371
Ion Ratio Lower Upper
96 100
61 125.6 88.5 164.4
98 65.8 43.9 81.5





#19

1,1-Dichloroethane

Concen: 0.157 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV038188.D

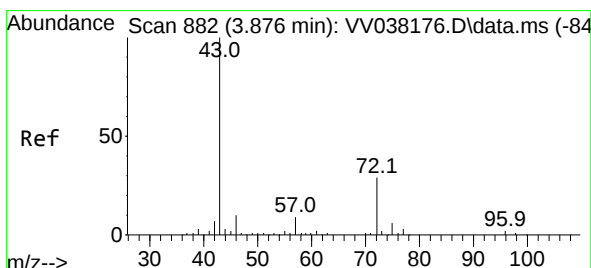
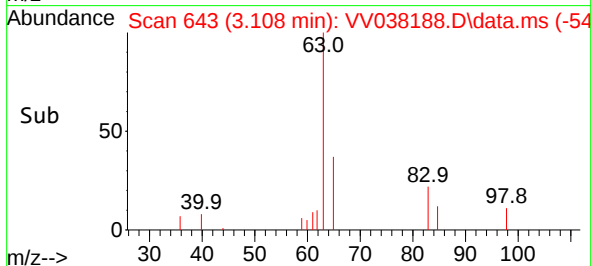
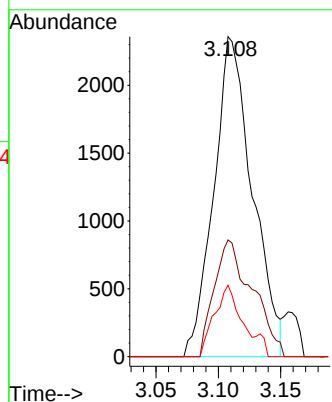
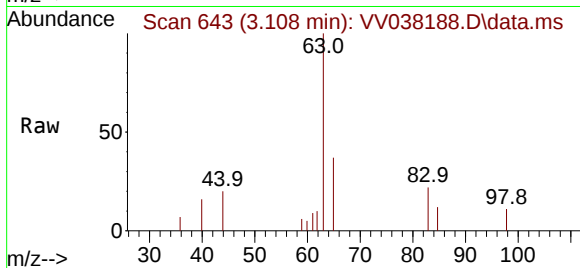
Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	5070
Ion	Ratio	Lower	Upper
63	100		
65	36.5	22.5	41.7
83	22.3	10.1	18.9



#21

2-Butanone

Concen: 0.040 ug/L

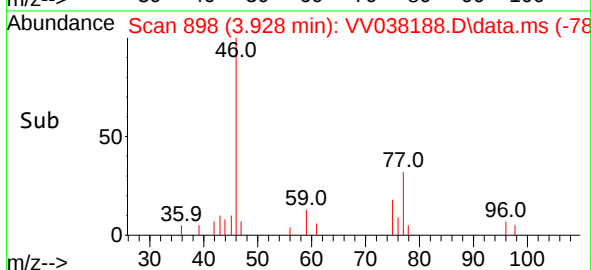
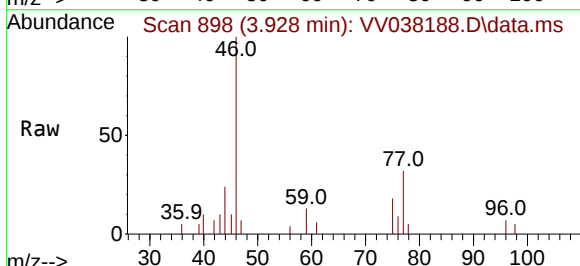
RT: 3.928 min Scan# 898

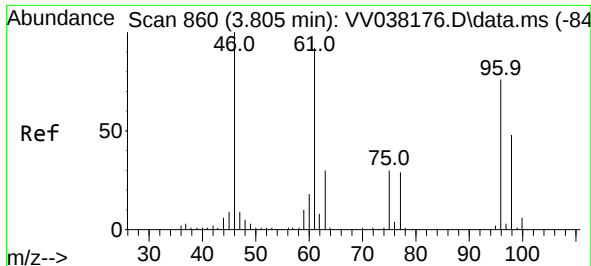
Delta R.T. 0.051 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Tgt Ion:	43	Resp:	155
Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.0	39.0





#22

cis-1,2-Dichloroethene

Concen: 1.663 ug/L

RT: 3.812 min Scan# 80

Delta R.T. 0.006 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

ClientSampleId :

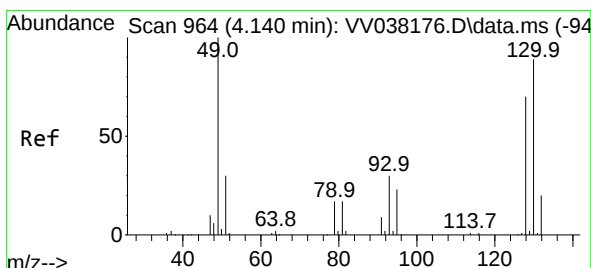
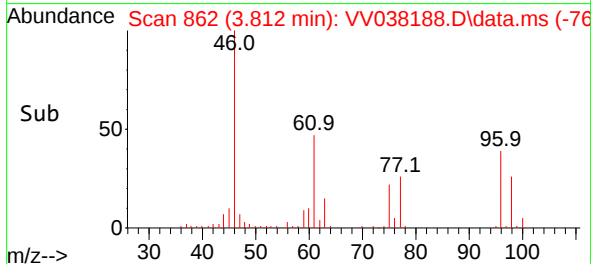
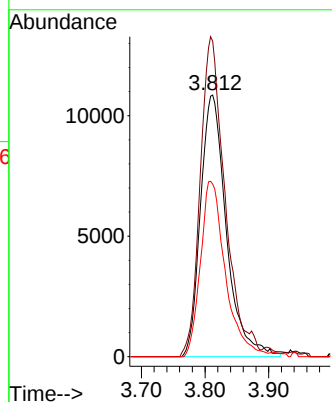
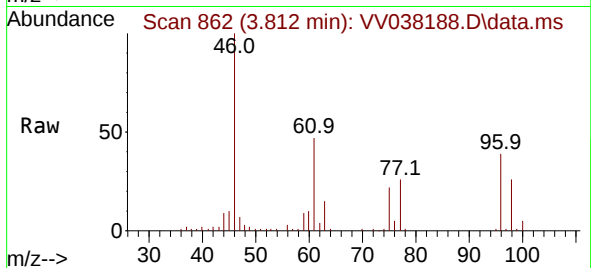
Tgt Ion: 96 Resp: 30591

Ion Ratio Lower Upper

96 100

61 120.7 82.7 153.5

98 66.0 46.3 85.9



#23

Bromochloromethane

Concen: 0.002 ug/L

RT: 4.166 min Scan# 972

Delta R.T. 0.026 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Tgt Ion: 128 Resp: 20

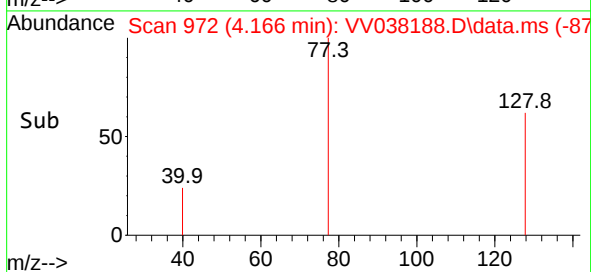
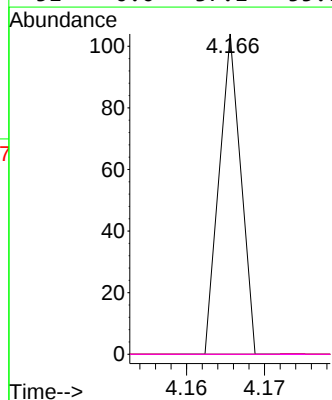
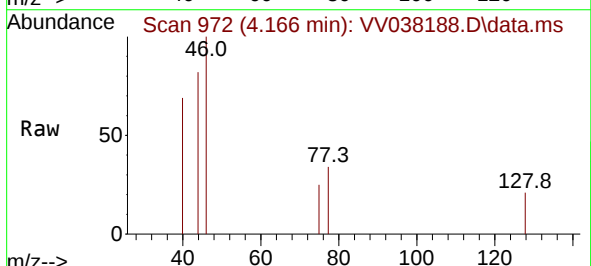
Ion Ratio Lower Upper

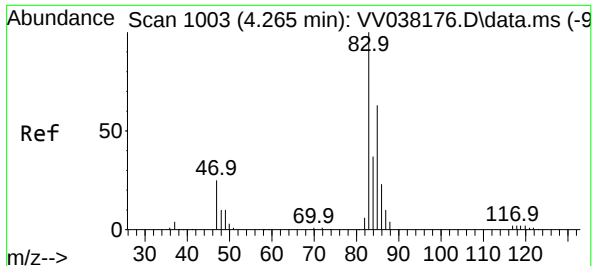
128 100

49 0.0 102.8 190.8#

130 0.0 93.6 173.8#

51 0.0 37.1 55.7#





#25

Chloroform

Concen: 0.218 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

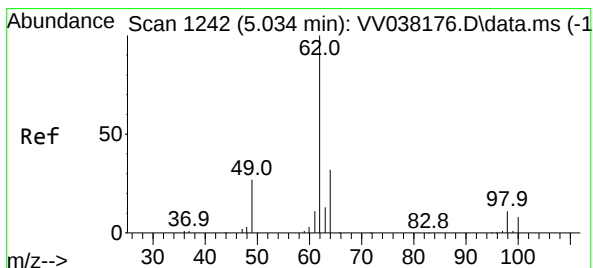
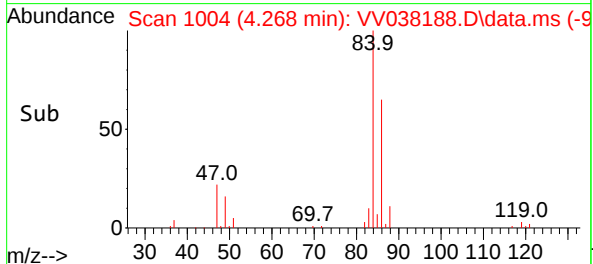
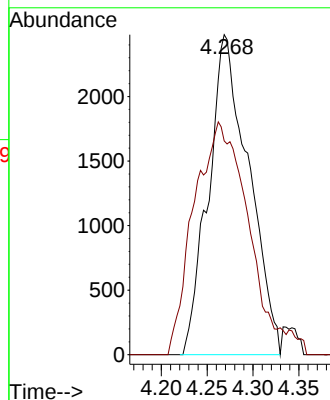
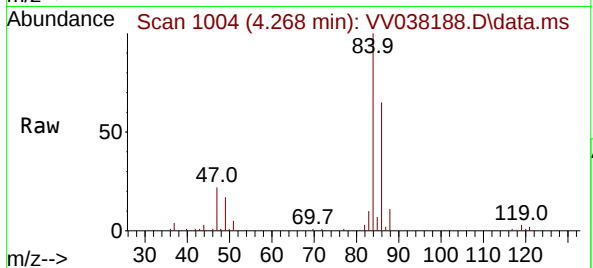
ClientSampleId :

Tgt Ion: 83 Resp: 7544

Ion Ratio Lower Upper

83 100

85 66.8 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.069 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.026 min

Lab File: VV038188.D

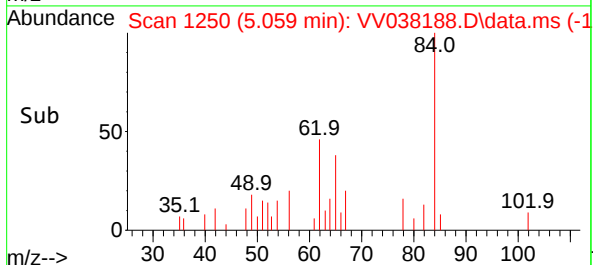
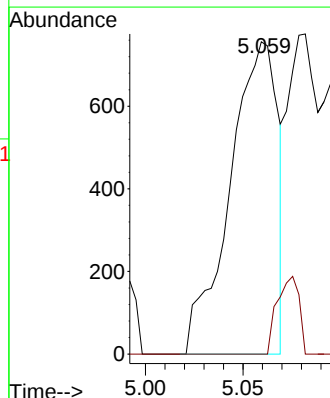
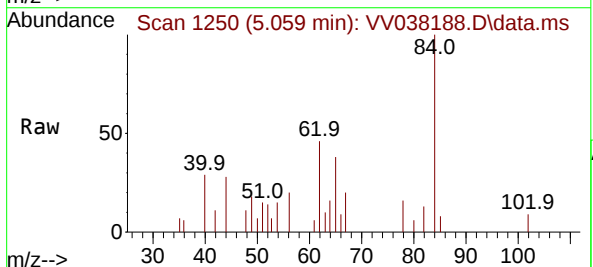
Acq: 19 Nov 2024 19:46

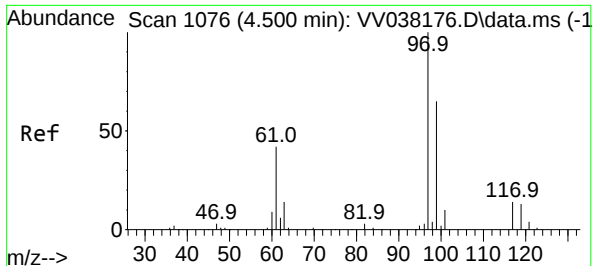
Tgt Ion: 62 Resp: 1288

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 1.090 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

ClientSampleId :

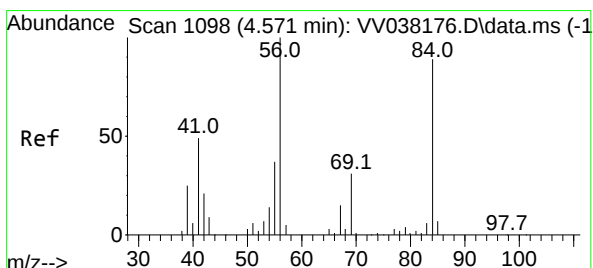
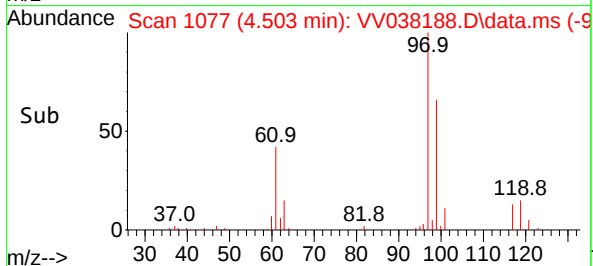
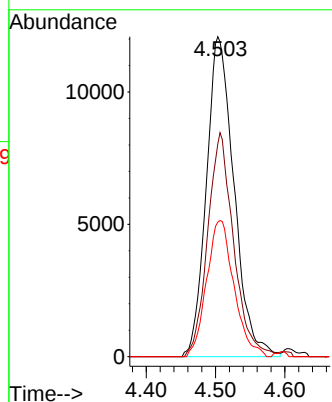
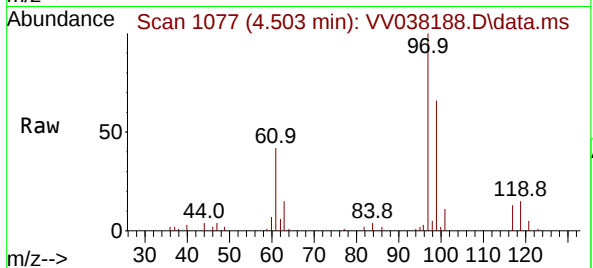
Tgt Ion: 97 Resp: 33511

Ion Ratio Lower Upper

97 100

99 65.6 51.8 77.8

61 42.1 32.2 48.2



#30

Cyclohexane

Concen: 0.001 ug/L

RT: 4.420 min Scan# 1051

Delta R.T. -0.151 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

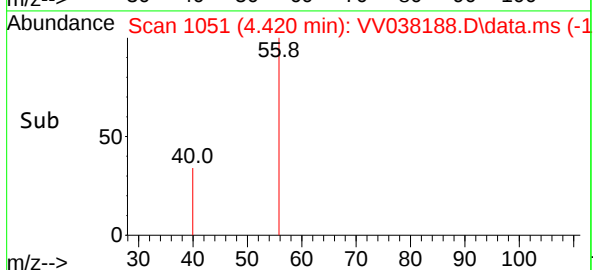
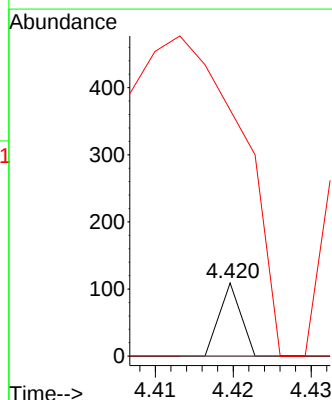
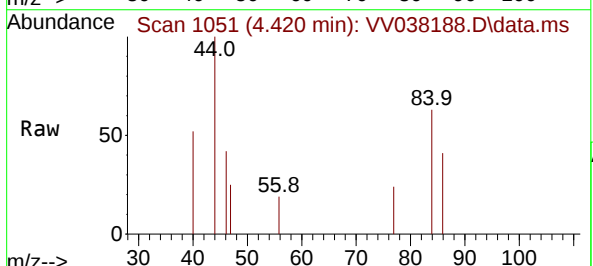
Tgt Ion: 56 Resp: 21

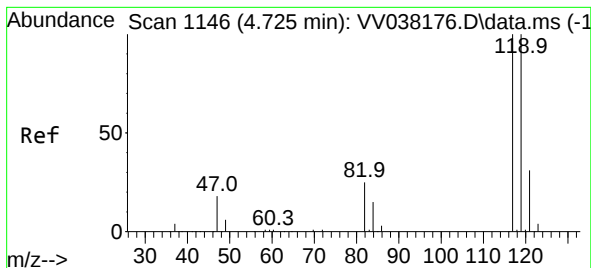
Ion Ratio Lower Upper

56 100

69 185.7 26.0 39.0#

84 2900.0 75.6 113.4#





#31

Carbon tetrachloride

Concen: 0.162 ug/L

RT: 4.510 min Scan# 1146

Delta R.T. -0.215 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

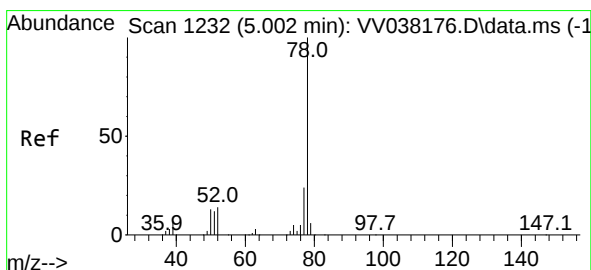
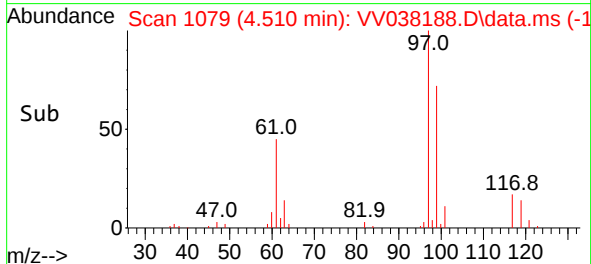
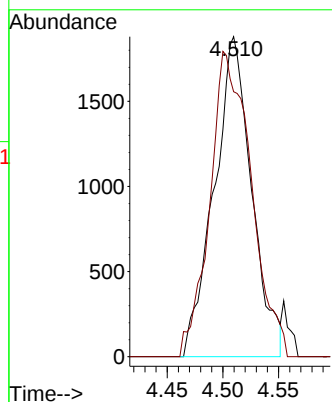
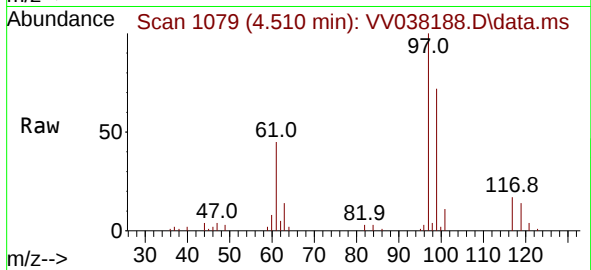
ClientSampleId :

Tgt Ion:117 Resp: 4399

Ion Ratio Lower Upper

117 100

119 105.2 77.4 116.2



#33

Benzene

Concen: 0.016 ug/L

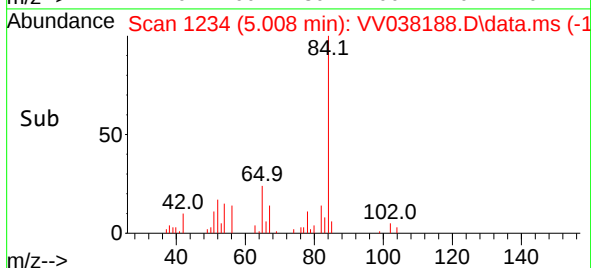
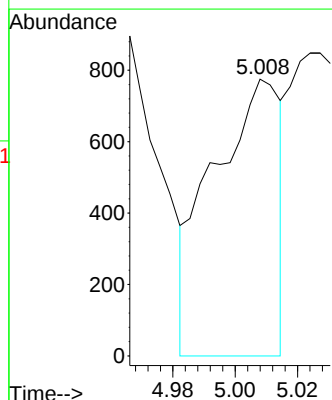
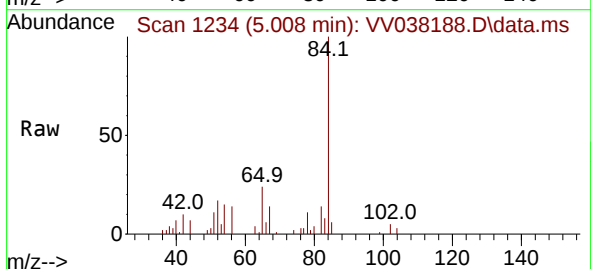
RT: 5.008 min Scan# 1234

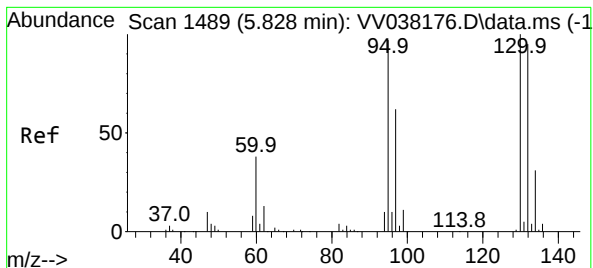
Delta R.T. 0.006 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Tgt Ion: 78 Resp: 1166





#34

Trichloroethene

Concen: 10.712 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 210275

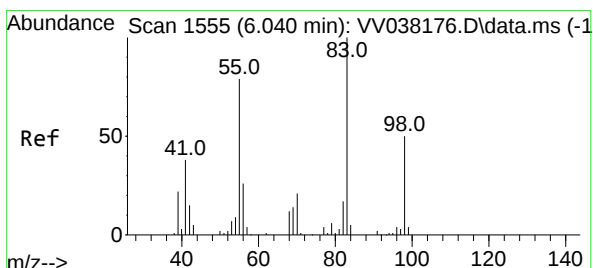
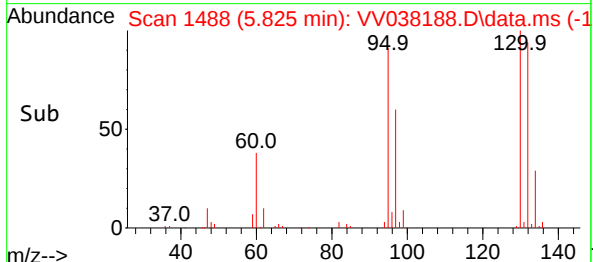
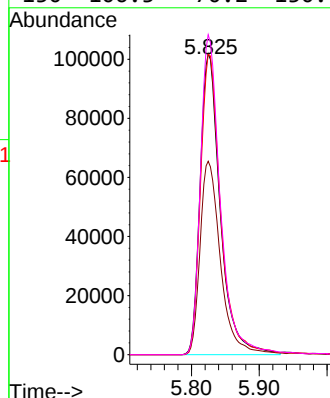
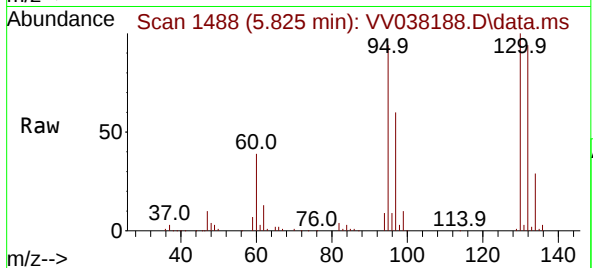
Ion Ratio Lower Upper

95 100

97 64.2 44.8 83.2

132 99.7 68.3 126.8

130 106.3 70.2 130.4



#35

Methylcyclohexane

Concen: 0.978 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

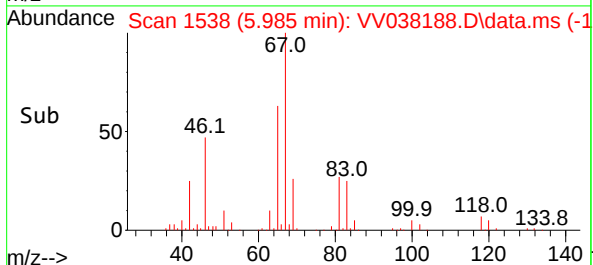
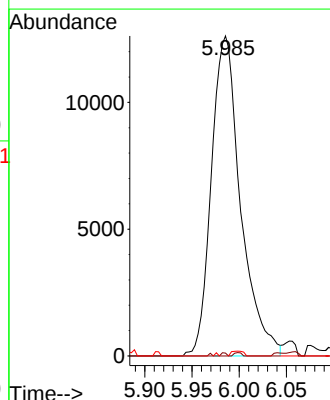
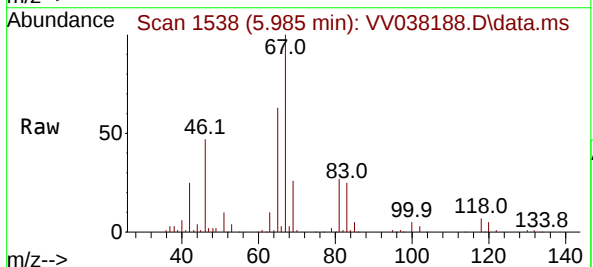
Tgt Ion: 83 Resp: 27154

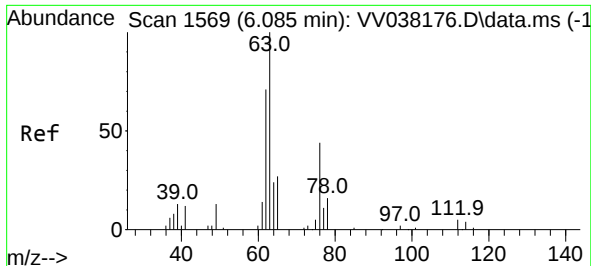
Ion Ratio Lower Upper

83 100

55 0.2 59.7 89.5#

98 0.0 39.0 58.4#

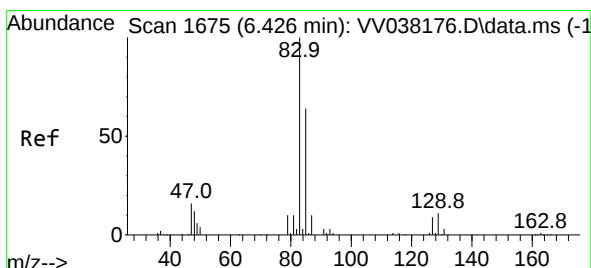
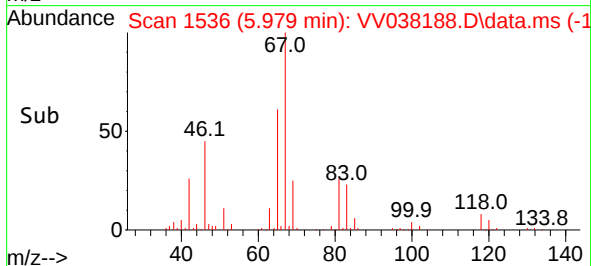
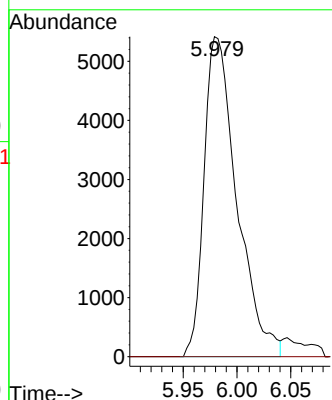
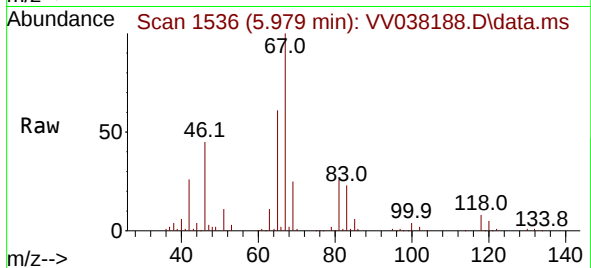




#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 5.979 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

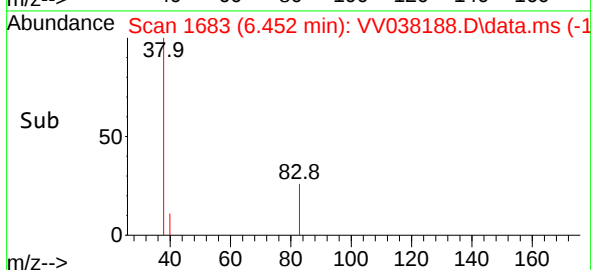
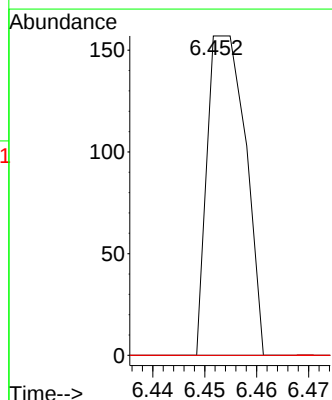
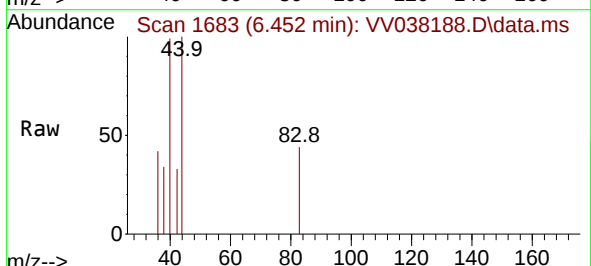
Instrument :
MSVOA_V
ClientSampleId :

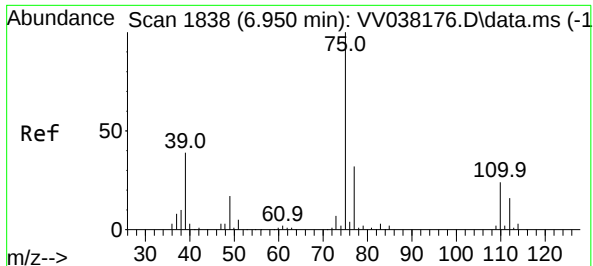
Tgt Ion: 63 Resp: 11507
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.003 ug/L
RT: 6.452 min Scan# 1683
Delta R.T. 0.026 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion: 83 Resp: 80
Ion Ratio Lower Upper
83 100
85 0.0 43.9 81.5#
127 0.0 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.035 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

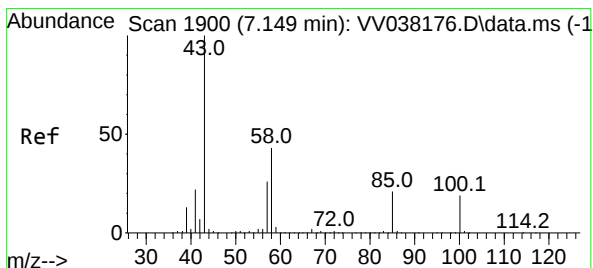
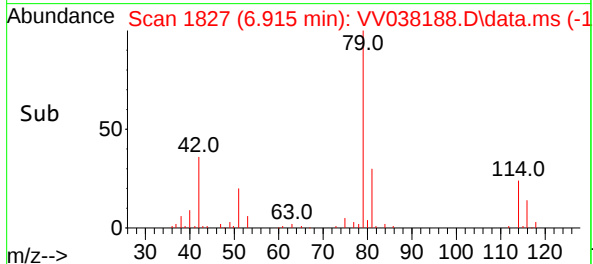
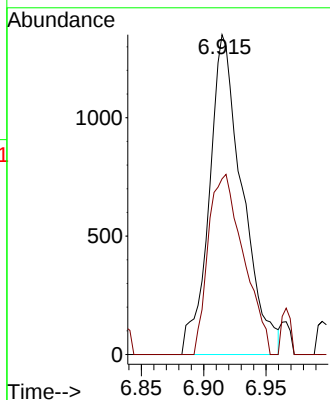
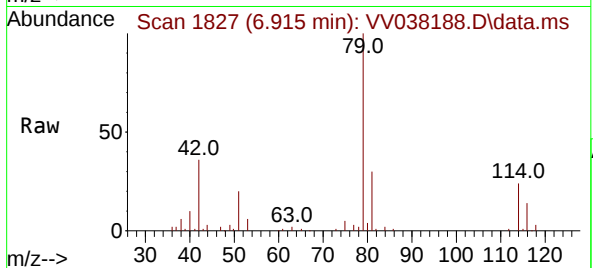
ClientSampleId :

Tgt Ion: 75 Resp: 2500

Ion Ratio Lower Upper

75 100

77 54.9 23.4 43.6#



#40

4-Methyl-2-pentanone

Concen: 0.036 ug/L

RT: 7.117 min Scan# 1890

Delta R.T. -0.032 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

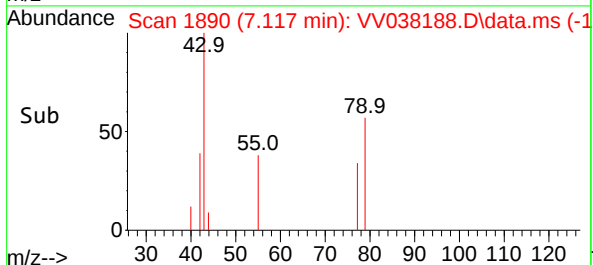
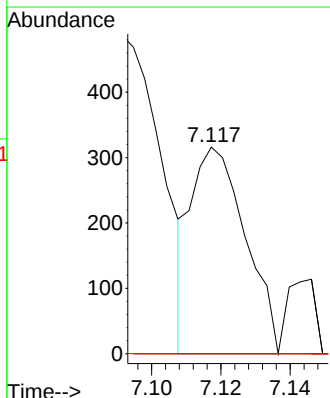
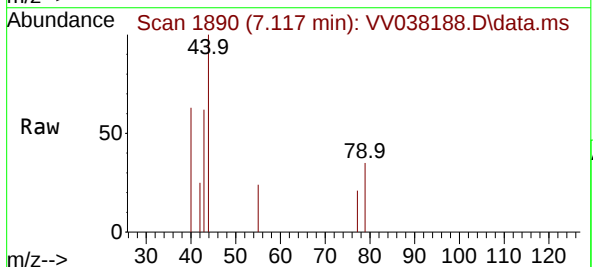
Tgt Ion: 43 Resp: 344

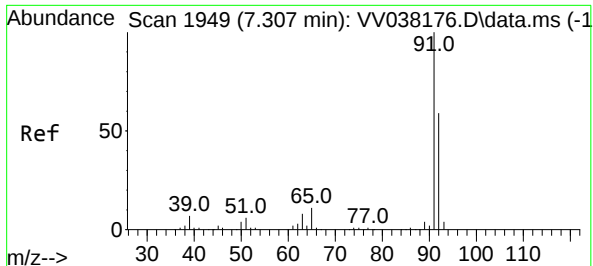
Ion Ratio Lower Upper

43 100

58 0.0 33.4 50.2#

100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.265 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

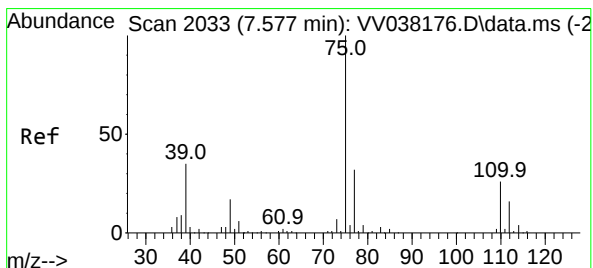
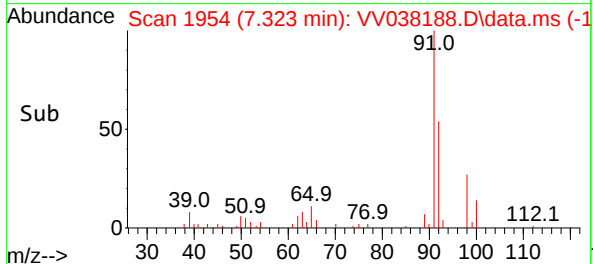
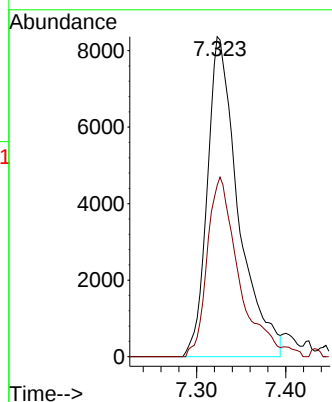
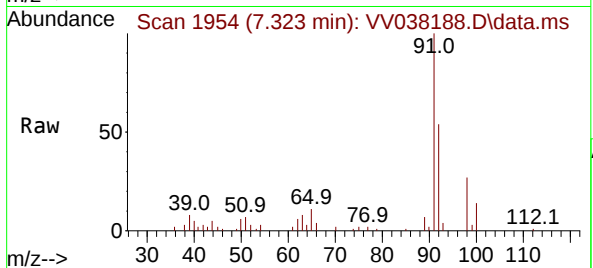
ClientSampleId :

Tgt Ion: 91 Resp: 20184

Ion Ratio Lower Upper

91 100

92 53.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.016 min

Lab File: VV038188.D

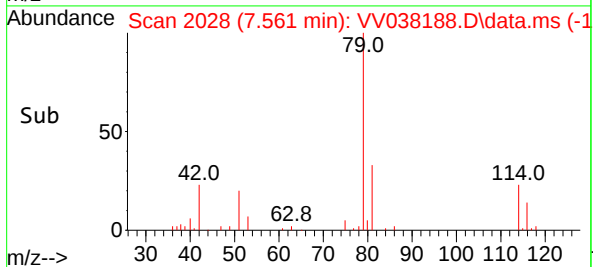
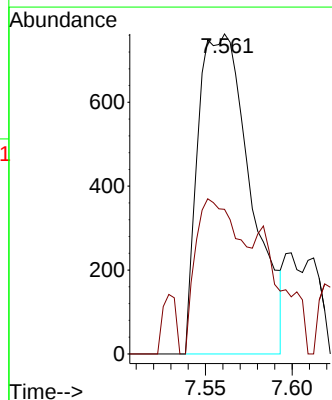
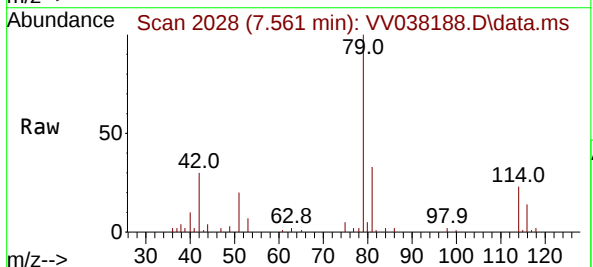
Acq: 19 Nov 2024 19:46

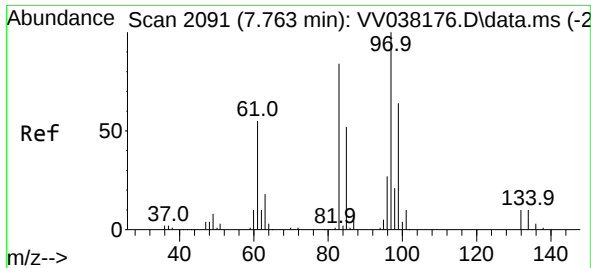
Tgt Ion: 75 Resp: 1608

Ion Ratio Lower Upper

75 100

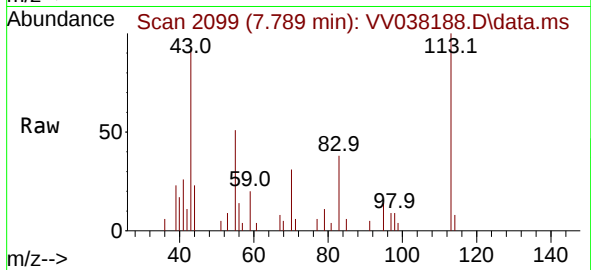
77 45.2 23.4 43.4#



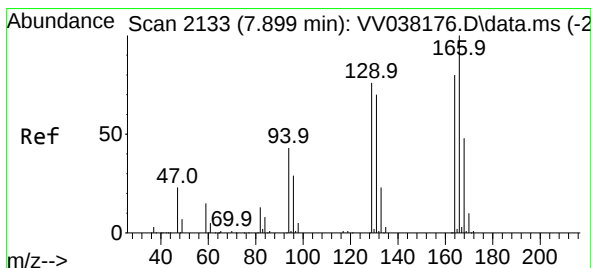
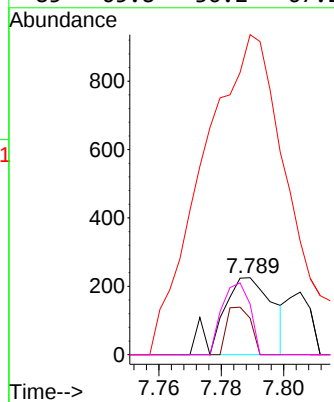
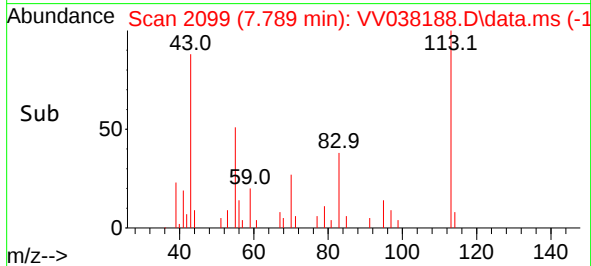


#45
1,1,2-Trichloroethane
Concen: 0.017 ug/L
RT: 7.789 min Scan# 2099
Delta R.T. 0.026 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Instrument :
MSVOA_V
ClientSampleId :

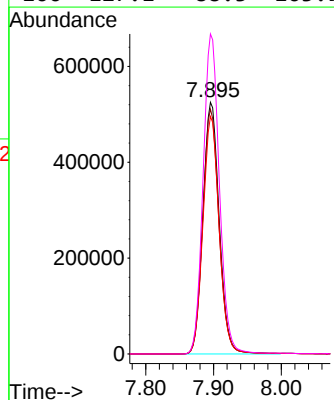
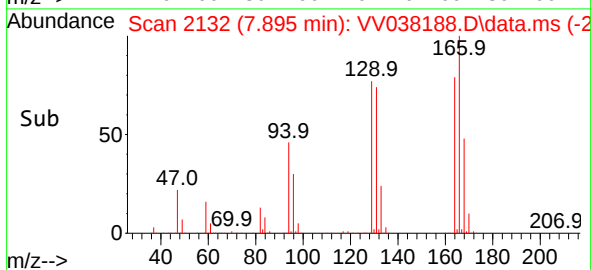
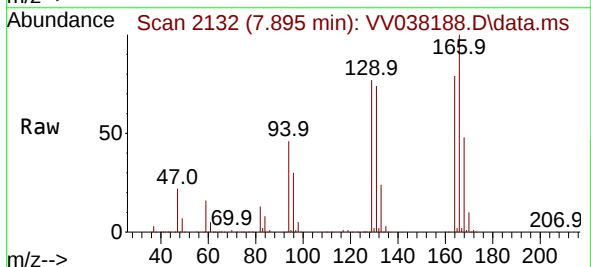


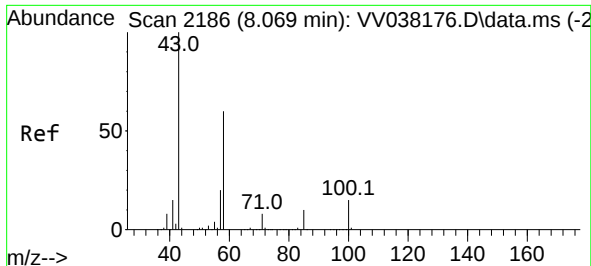
Tgt Ion:	97	Resp:	255
Ion	Ratio	Lower	Upper
97	100		
99	47.6	41.9	77.7
83	416.0	57.7	107.1#
85	65.8	36.2	67.2



#47
Tetrachloroethene
Concen: 55.677 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

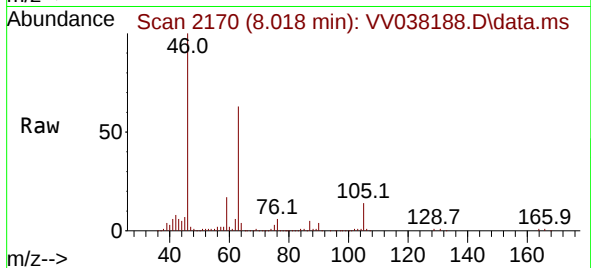
Tgt Ion:	164	Resp:	878248
Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.5	127.1
131	94.4	64.8	120.4
166	127.1	88.3	163.9



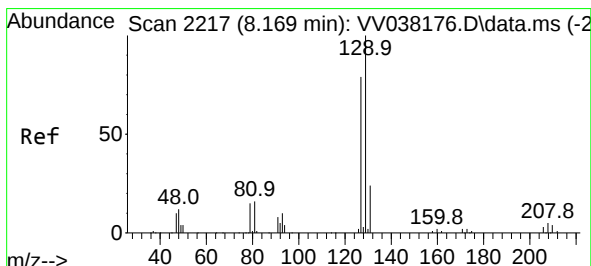
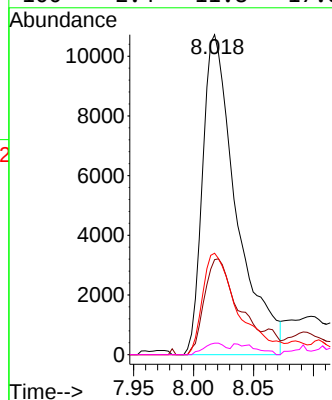
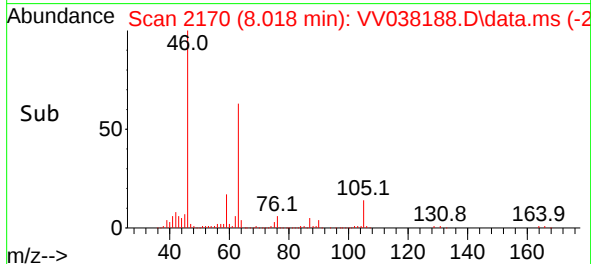


#48
2-Hexanone
Concen: 3.069 ug/L
RT: 8.018 min Scan# 2117
Delta R.T. -0.051 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Instrument :
MSVOA_V
ClientSampleId :

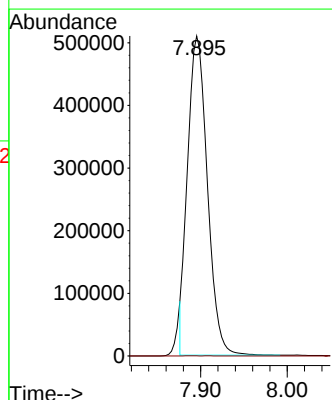
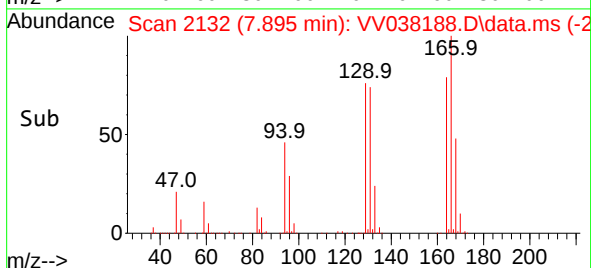
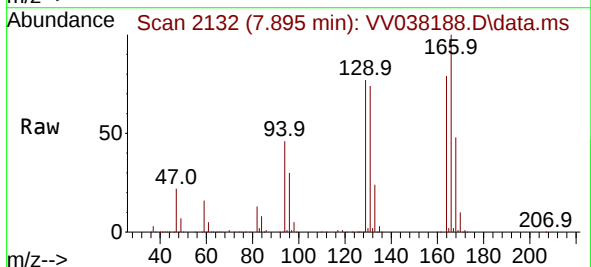


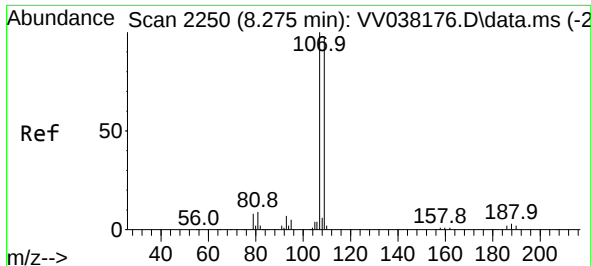
Tgt Ion: 43 Resp: 21007
Ion Ratio Lower Upper
43 100
58 30.0 49.2 73.8#
57 33.4 16.9 25.3#
100 2.4 11.8 17.8#



#49
Dibromochloromethane
Concen: 50.711 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion: 129 Resp: 808768
Ion Ratio Lower Upper
129 100
127 0.1 53.5 99.3#





#50

1,2-Dibromoethane

Concen: 0.013 ug/L

RT: 8.011 min Scan# 2168

Delta R.T. -0.264 min

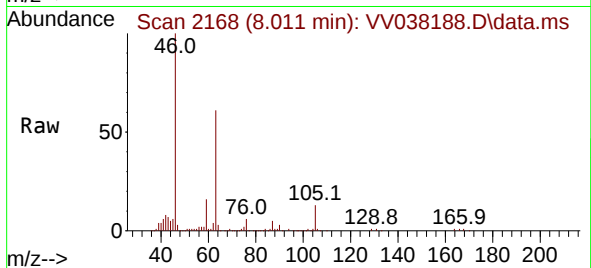
Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

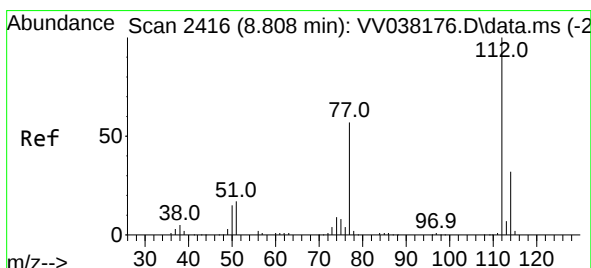
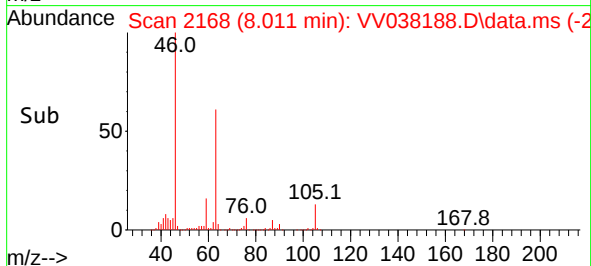
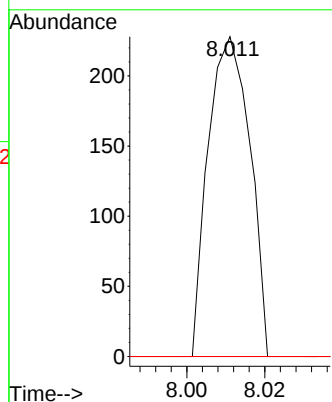
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	170
Ion	Ratio	Lower	Upper
107	100		
109	0.0	66.1	122.7#
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 0.191 ug/L

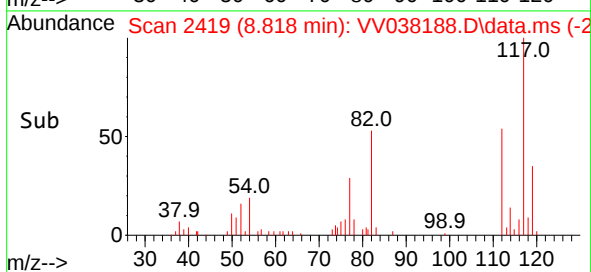
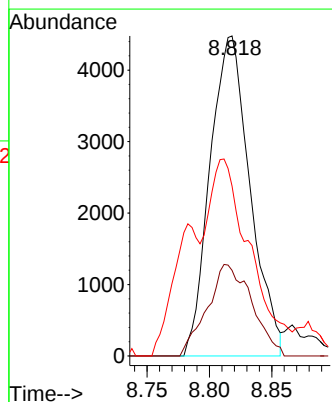
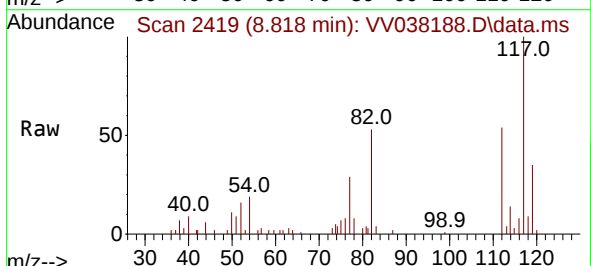
RT: 8.818 min Scan# 2419

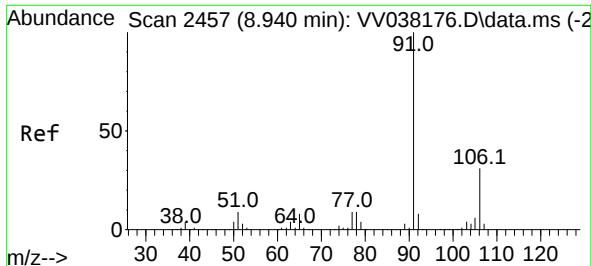
Delta R.T. 0.010 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Tgt Ion:	112	Resp:	10027
Ion	Ratio	Lower	Upper
112	100		
114	26.8	22.0	40.8
77	53.1	45.0	67.4





#52

Ethylbenzene

Concen: 0.067 ug/L

RT: 8.956 min Scan# 2457

Delta R.T. 0.016 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

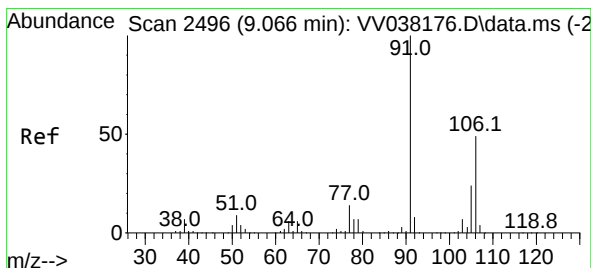
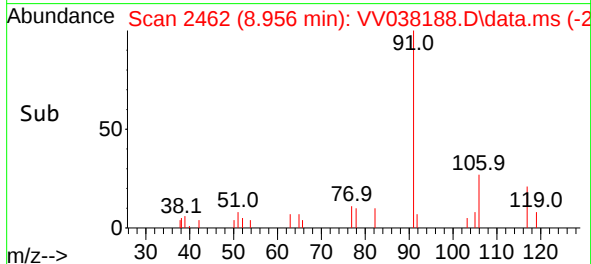
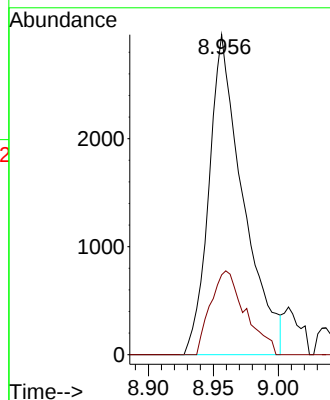
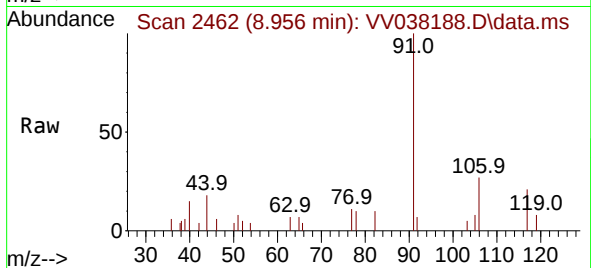
ClientSampleId :

Tgt Ion: 91 Resp: 5406

Ion Ratio Lower Upper

91 100

106 24.9 21.8 40.4



#53

m,p-Xylene

Concen: 0.122 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.013 min

Lab File: VV038188.D

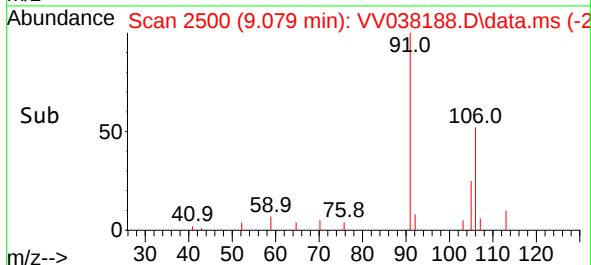
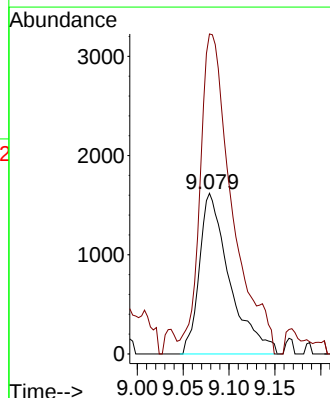
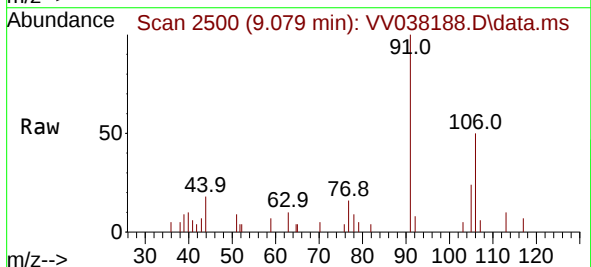
Acq: 19 Nov 2024 19:46

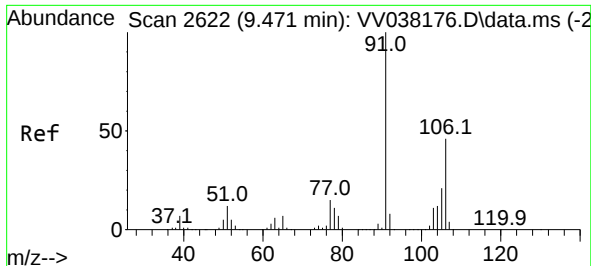
Tgt Ion: 106 Resp: 3710

Ion Ratio Lower Upper

106 100

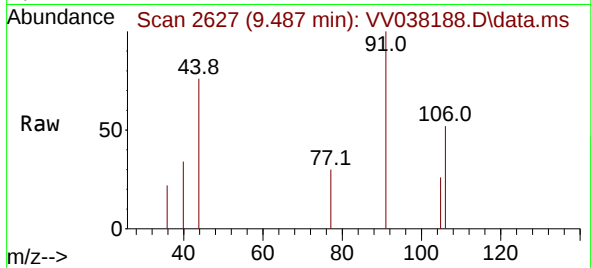
91 199.3 138.7 257.5



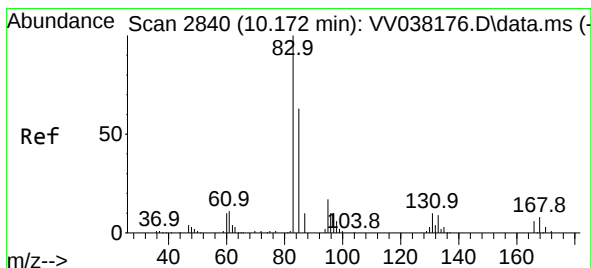
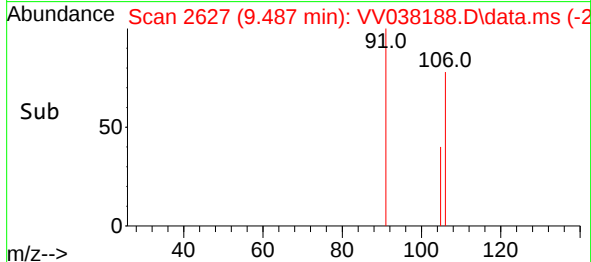
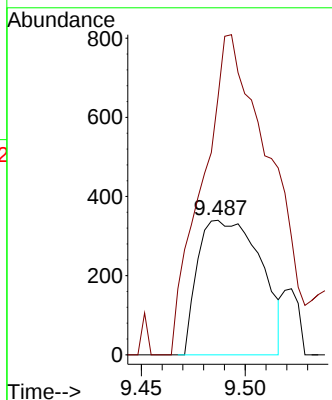


#54
o-Xylene
Concen: 0.024 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.016 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Instrument :
MSVOA_V
ClientSampleId :

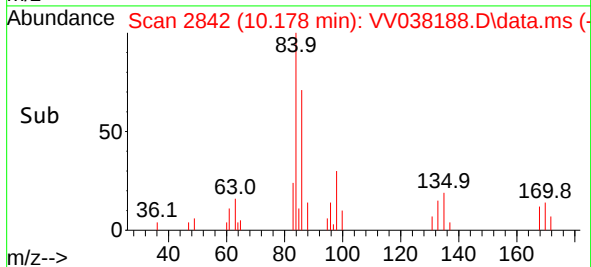
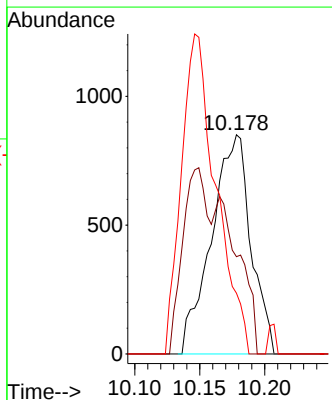
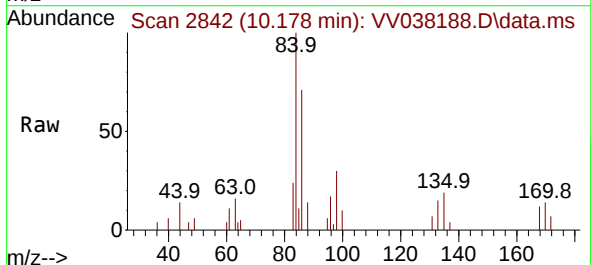


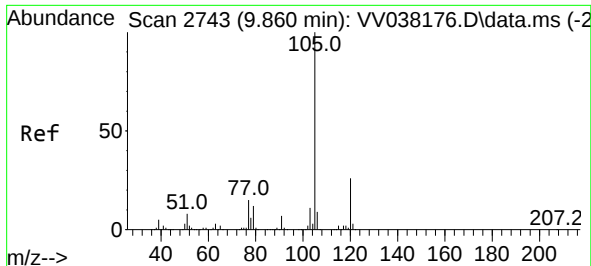
Tgt Ion:106 Resp: 717
Ion Ratio Lower Upper
106 100
91 191.5 155.5 288.7



#57
1,1,2,2-Tetrachloroethane
Concen: 0.105 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.006 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

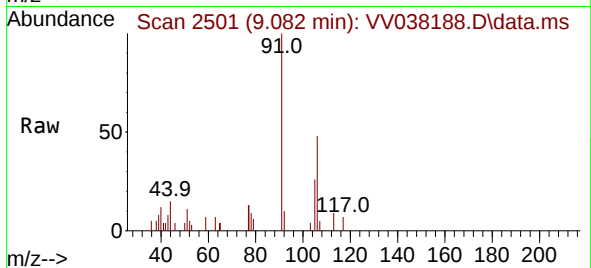
Tgt Ion: 83 Resp: 1794
Ion Ratio Lower Upper
83 100
85 44.4 45.7 84.9#
131 27.7 8.2 12.4#



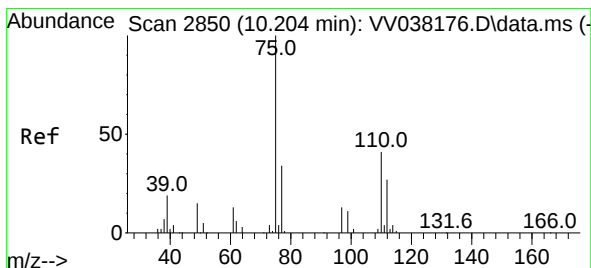
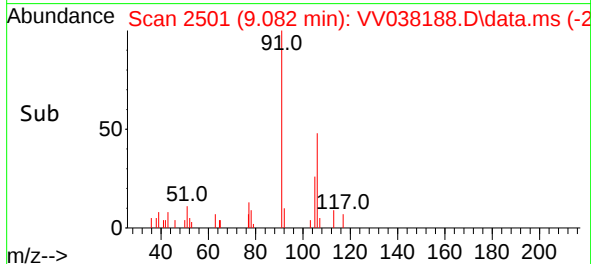
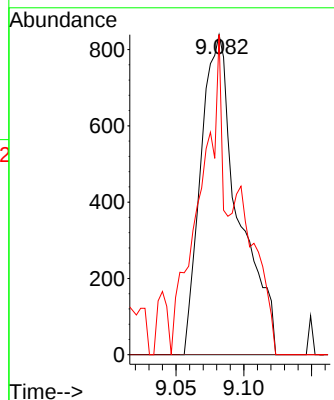


#60
Isopropylbenzene
Concen: 0.025 ug/L
RT: 9.082 min Scan# 21
Delta R.T. -0.778 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Instrument :
MSVOA_V
ClientSampleId :

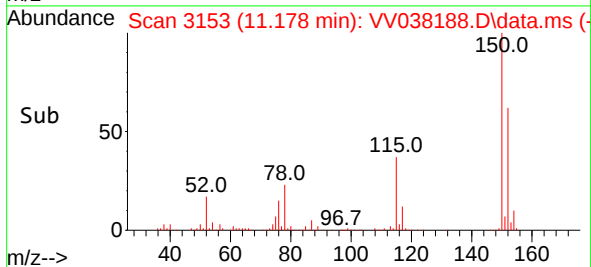
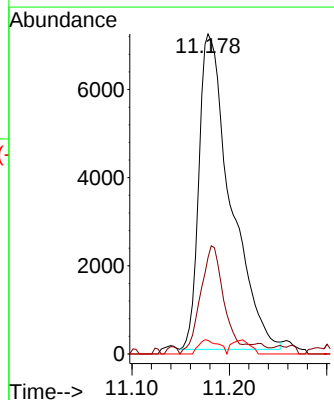
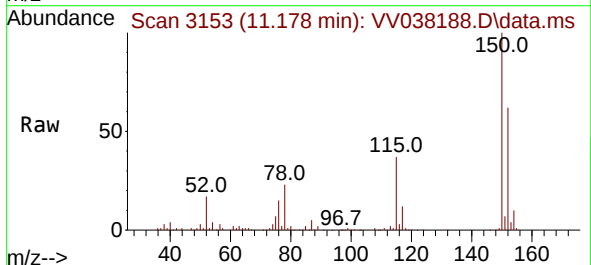


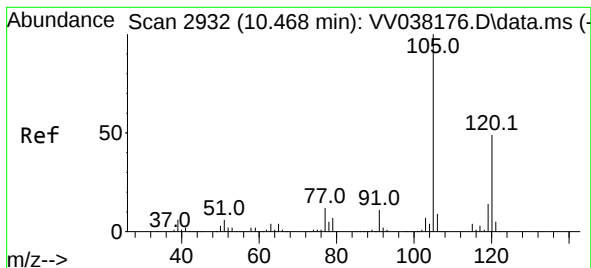
Tgt Ion:105 Resp: 1618
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#
77 61.8 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.676 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion: 75 Resp: 16181
Ion Ratio Lower Upper
75 100
77 25.9 26.4 39.6#
110 2.8 32.3 48.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.002 ug/L

RT: 10.477 min Scan# 2932

Delta R.T. 0.010 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

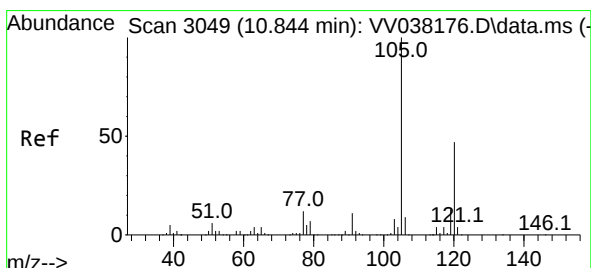
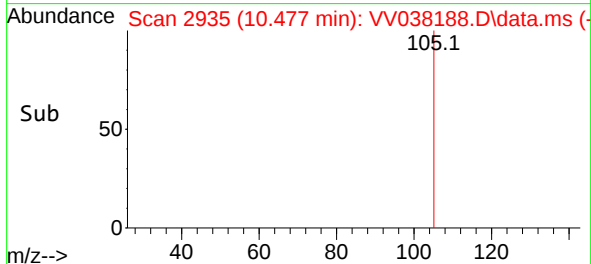
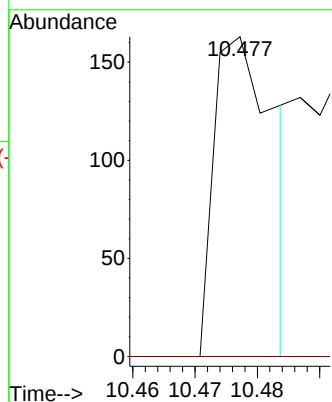
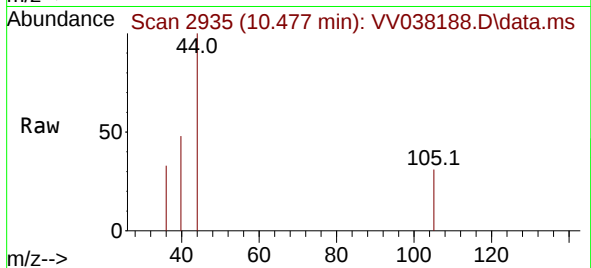
ClientSampleId :

Tgt Ion:105 Resp: 110

Ion Ratio Lower Upper

105 100

120 0.0 39.2 58.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.003 ug/L

RT: 10.866 min Scan# 3056

Delta R.T. 0.023 min

Lab File: VV038188.D

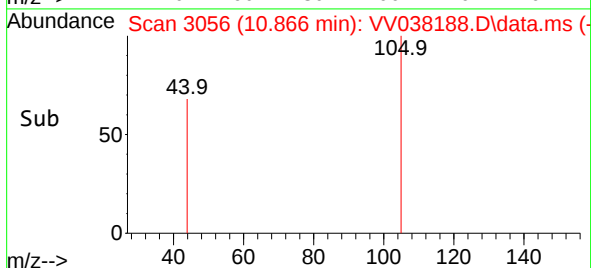
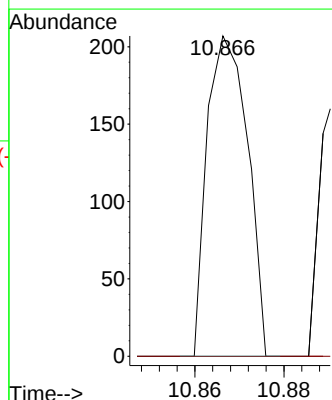
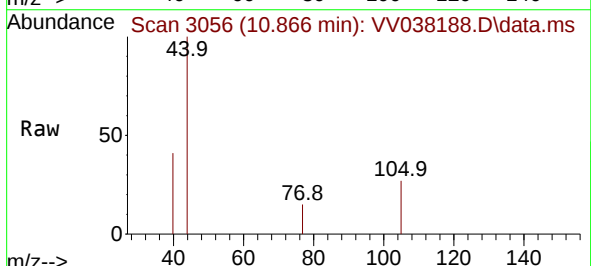
Acq: 19 Nov 2024 19:46

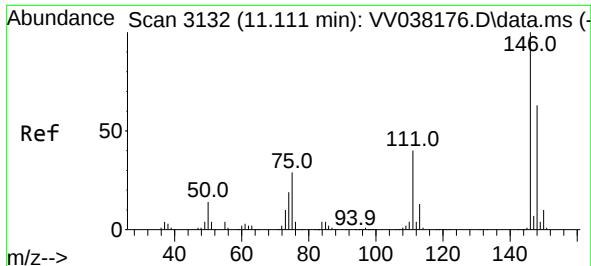
Tgt Ion:105 Resp: 131

Ion Ratio Lower Upper

105 100

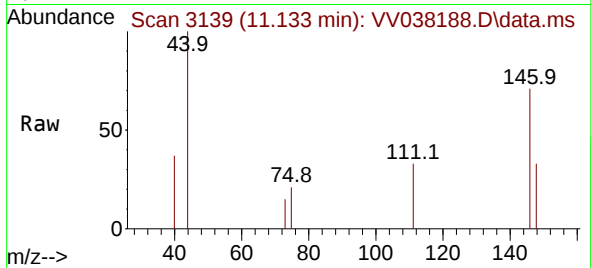
120 0.0 37.0 55.4#



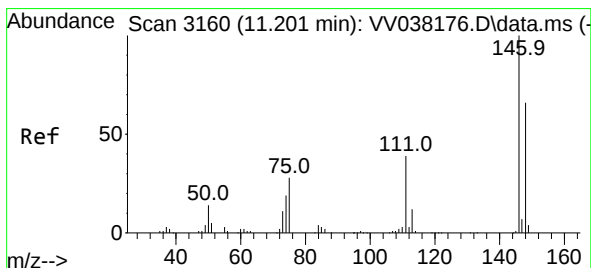
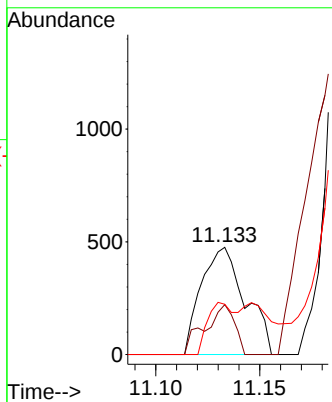
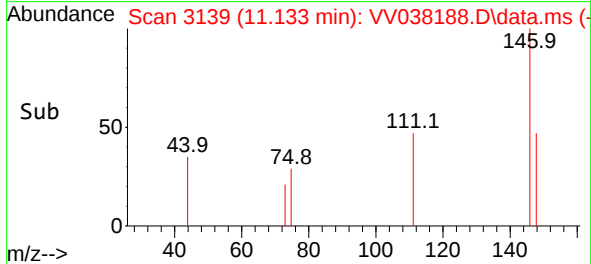


#64
1,3-Dichlorobenzene
Concen: 0.020 ug/L
RT: 11.133 min Scan# 3139
Delta R.T. 0.023 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Instrument :
MSVOA_V
ClientSampleId :

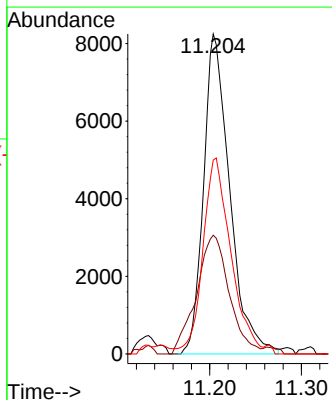
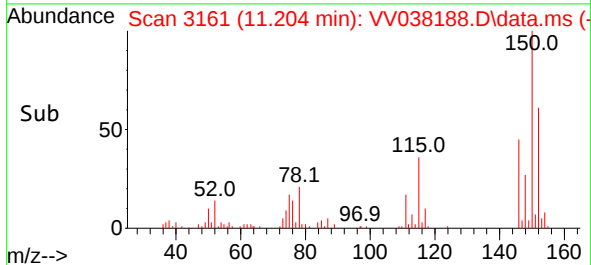
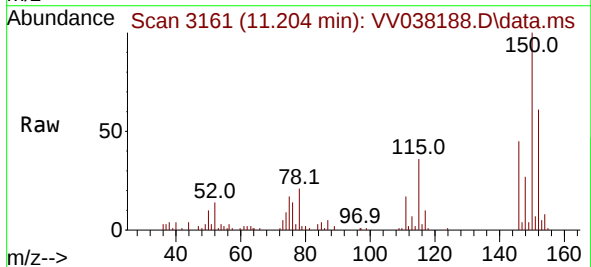


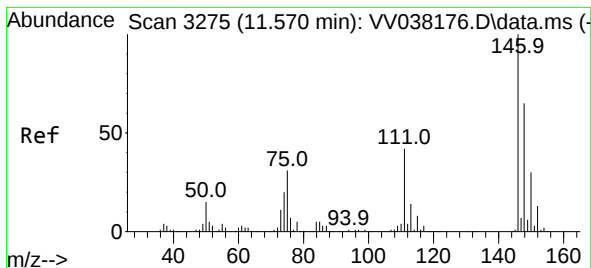
Tgt Ion:146 Resp: 700
Ion Ratio Lower Upper
146 100
111 46.6 28.2 52.4
148 46.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 0.463 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion:146 Resp: 16331
Ion Ratio Lower Upper
146 100
111 37.1 27.4 50.8
148 60.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.412 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

ClientSampleId :

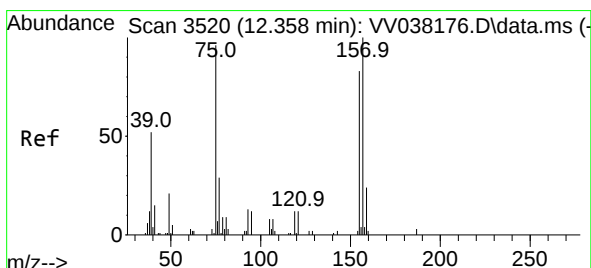
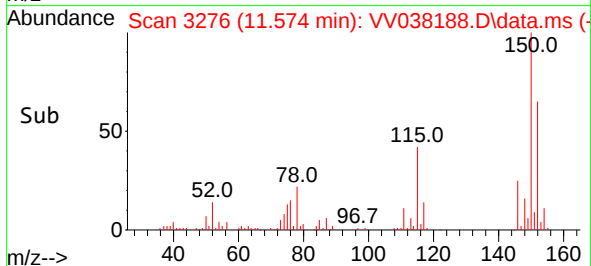
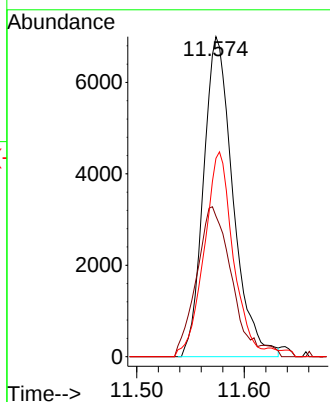
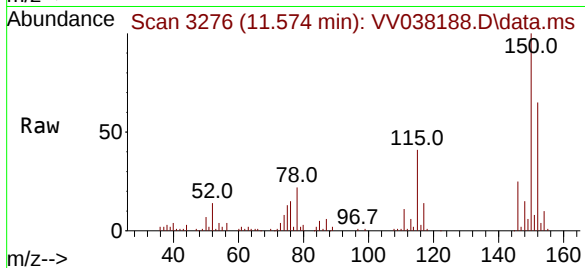
Tgt Ion:146 Resp: 13315

Ion Ratio Lower Upper

146 100

111 43.9 34.2 51.2

148 62.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.068 ug/L

RT: 12.201 min Scan# 3471

Delta R.T. -0.158 min

Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

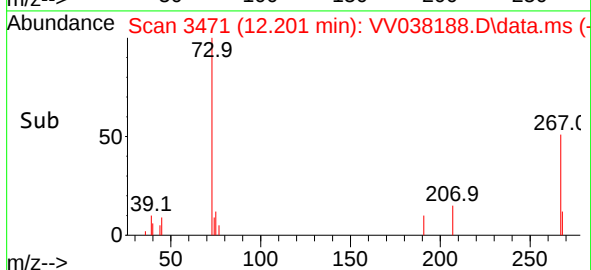
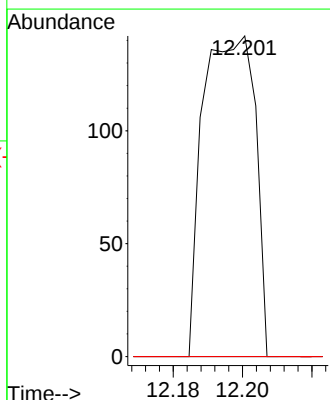
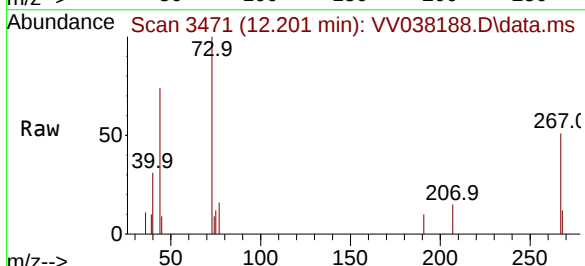
Tgt Ion: 75 Resp: 148

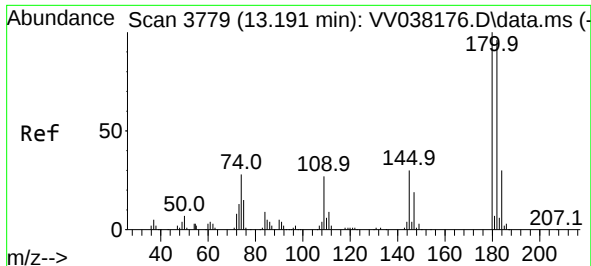
Ion Ratio Lower Upper

75 100

155 0.0 67.5 101.3#

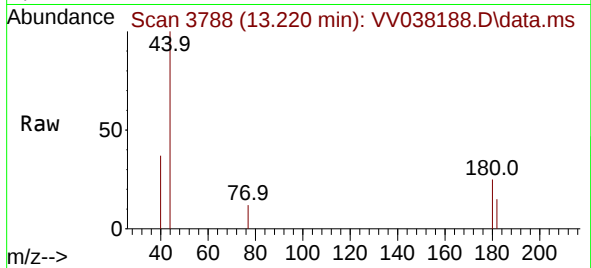
157 0.0 82.7 124.1#



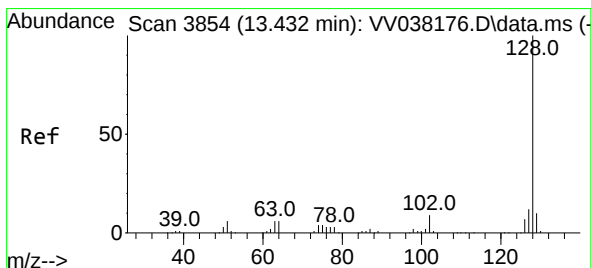
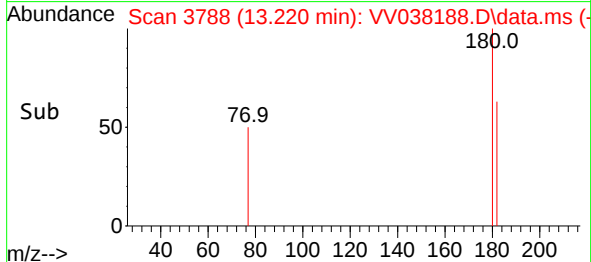
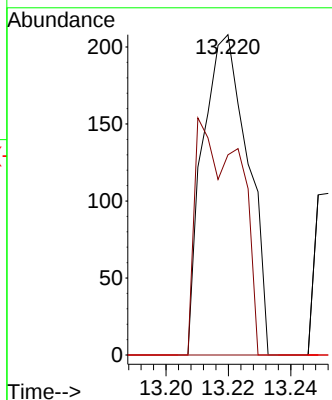


#70
1,2,4-trichlorobenzene
Concen: 0.010 ug/L
RT: 13.220 min Scan# 31
Delta R.T. 0.029 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Instrument :
MSVOA_V
ClientSampleId :

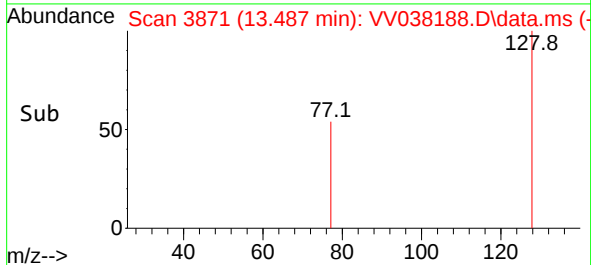
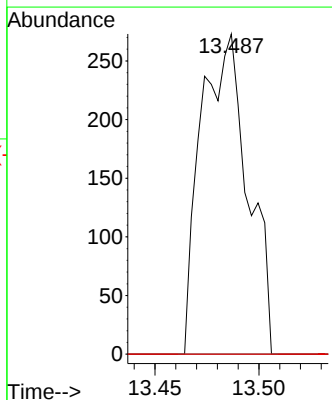
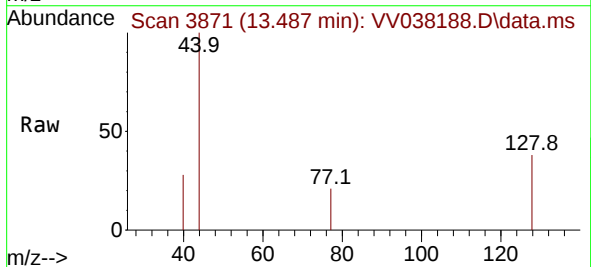


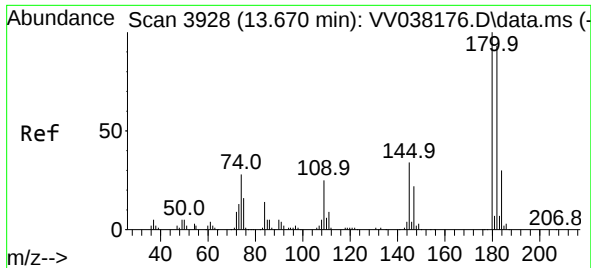
Tgt Ion:180 Resp: 209
Ion Ratio Lower Upper
180 100
182 37.8 73.8 110.8#
145 0.0 24.6 37.0#



#71
Naphthalene
Concen: 0.013 ug/L
RT: 13.487 min Scan# 3871
Delta R.T. 0.055 min
Lab File: VV038188.D
Acq: 19 Nov 2024 19:46

Tgt Ion:128 Resp: 428
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 10.1 15.1#





#72

1,2,3-Trichlorobenzene

Concen: 0.004 ug/L

RT: 13.689 min Scan# 39

Delta R.T. 0.019 min

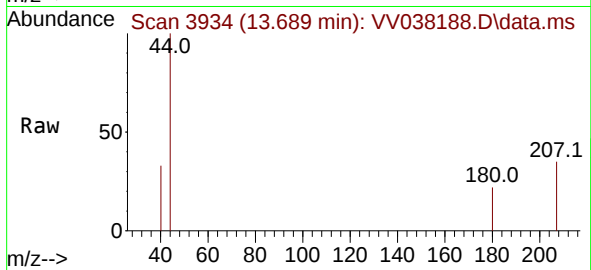
Lab File: VV038188.D

Acq: 19 Nov 2024 19:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 84

Ion Ratio Lower Upper

180 100

182 0.0 75.1 112.7#

145 0.0 27.0 40.4#

