

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038189.D
 Acq On : 19 Nov 2024 20:10
 Operator : SY/MD
 Sample : P4882-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:19:20 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	222185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	242859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	103552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80085	4.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.529	69	74704	5.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.053	65	35755	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.780	46	192310	56.449	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.900%
24) Chloroform-d	4.239	84	179561	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	4.937	65	89309	6.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	4.953	84	322890	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.982	67	111136	5.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.239	98	262381	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.554	79	36045	5.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.017	63	182927	65.533	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.060%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89660	5.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	106954	6.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	29090	1.384	ug/L	97
3) Chloromethane	1.214	50	6813	0.376	ug/L	95
5) Vinyl chloride	1.278	62	521	0.025	ug/L #	1
6) Bromomethane	1.487	94	517	0.065	ug/L	80
8) Chloroethane	1.535	64	545	0.042	ug/L #	58
9) Trichlorofluoromethane	1.709	101	7545	0.258	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3227	0.194	ug/L #	81
12) 1,1-Dichloroethene	2.063	96	4195	0.264	ug/L #	1
14) Carbon disulfide	2.236	76	1183	0.023	ug/L #	75
15) Methyl Acetate	2.281	43	359	0.059	ug/L #	47
16) Methylene chloride	2.442	84	17598	0.972	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	57577	1.605	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	711	0.043	ug/L	93
19) 1,1-Dichloroethane	3.111	63	4494	0.148	ug/L	95
21) 2-Butanone	3.879	43	43	0.012	ug/L #	49
22) cis-1,2-Dichloroethene	3.809	96	40091	2.319	ug/L	98
25) Chloroform	4.275	83	12578	0.387	ug/L	96
27) 1,2-Dichloroethane	5.063	62	5931	0.336	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	24952	0.857	ug/L	96

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

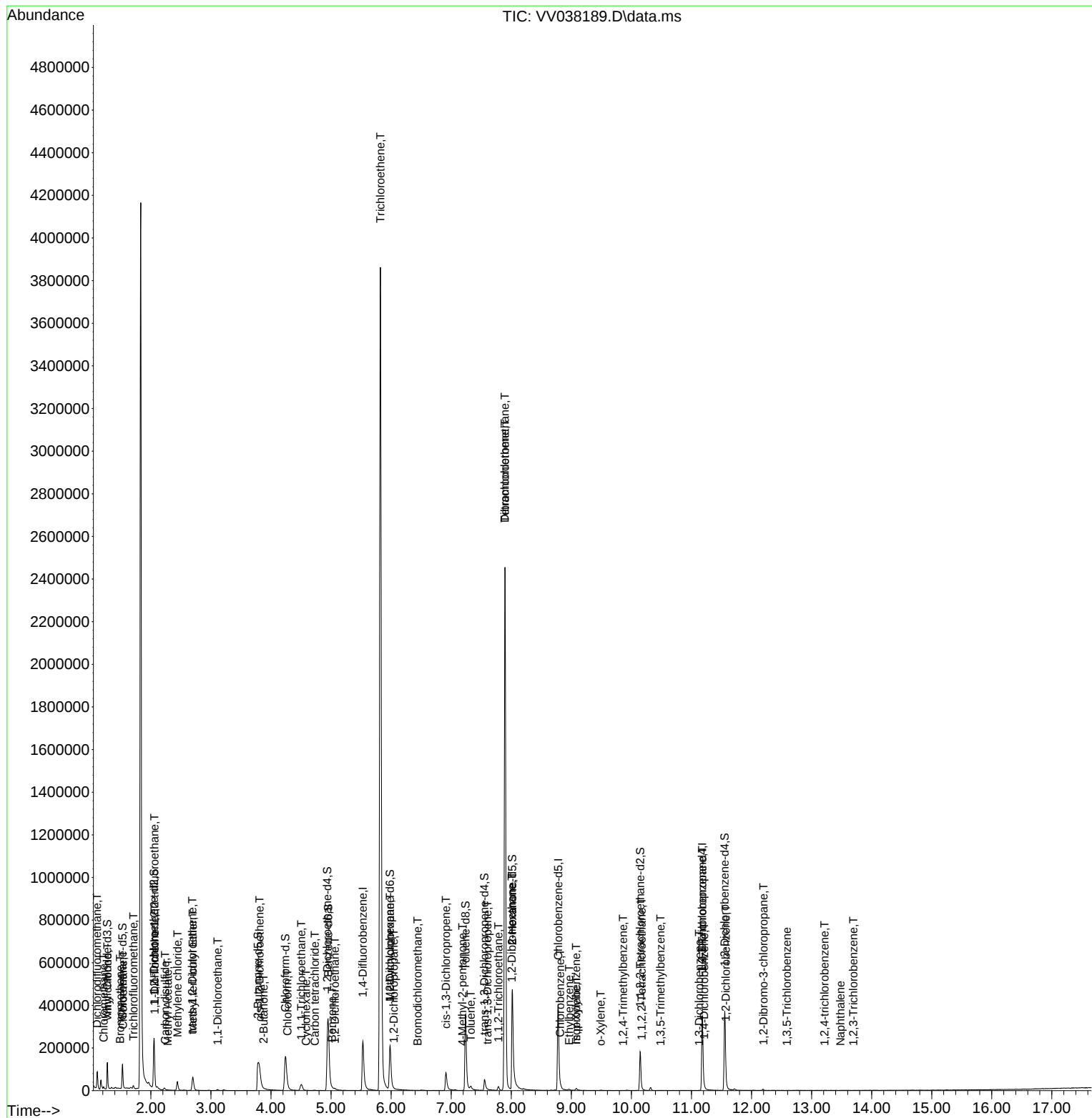
30) Cyclohexane	4.583	56	20	0.001	ug/L #	1
31) Carbon tetrachloride	4.731	117	973	0.038	ug/L	89
33) Benzene	5.014	78	5283	0.077	ug/L	100
34) Trichloroethene	5.821	95	1380485	74.235	ug/L	98
35) Methylcyclohexane	5.982	83	27298	1.038	ug/L #	19
37) 1,2-Dichloropropane	6.043	63	414	0.024	ug/L #	43
38) Bromodichloromethane	6.439	83	92	0.004	ug/L #	26
39) cis-1,3-Dichloropropene	6.915	75	2304	0.097	ug/L #	32
40) 4-Methyl-2-pentanone	7.188	43	243	0.027	ug/L #	41
42) Toluene	7.326	91	15921	0.220	ug/L	93
44) trans-1,3-Dichloropropene	7.603	75	337	0.017	ug/L	91
45) 1,1,2-Trichloroethane	7.786	97	649	0.047	ug/L #	1
47) Tetrachloroethene	7.895	164	552181	36.952	ug/L	99
48) 2-Hexanone	8.017	43	19706	3.039	ug/L #	64
49) Dibromochloromethane	7.895	129	508623	33.665	ug/L #	11
50) 1,2-Dibromoethane	8.008	107	44	0.003	ug/L #	5
51) Chlorobenzene	8.815	112	9076	0.182	ug/L	91
52) Ethylbenzene	8.963	91	4753	0.062	ug/L	94
53) m,p-Xylene	9.085	106	2936	0.102	ug/L	76
54) o-Xylene	9.487	106	337	0.012	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.172	83	1526	0.094	ug/L #	83
60) Isopropylbenzene	9.082	105	1363	0.023	ug/L #	7
61) 1,2,3-Trichloropropane	11.178	75	11553	1.303	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.484	105	269	0.006	ug/L #	28
63) 1,2,4-Trimethylbenzene	9.863	105	113	0.002	ug/L	89
64) 1,3-Dichlorobenzene	11.130	146	309	0.010	ug/L #	72
65) 1,4-Dichlorobenzene	11.213	146	1942	0.060	ug/L #	78
67) 1,2-Dichlorobenzene	11.574	146	4004	0.135	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.197	75	166	0.083	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.586	180	101	0.004	ug/L #	32
70) 1,2,4-trichlorobenzene	13.217	180	135	0.007	ug/L #	34
71) Naphthalene	13.480	128	139	0.005	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.696	180	108	0.006	ug/L #	49

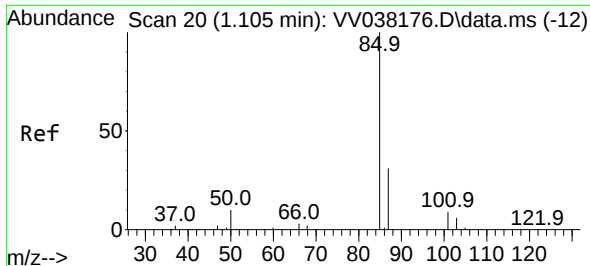
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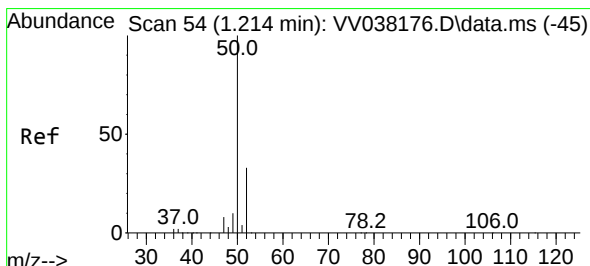
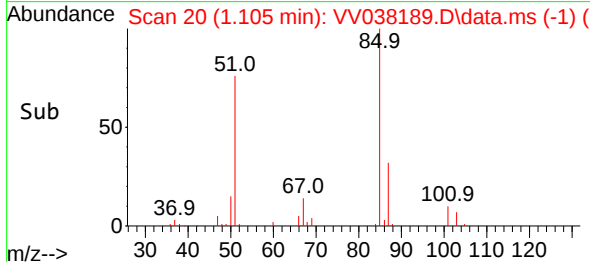
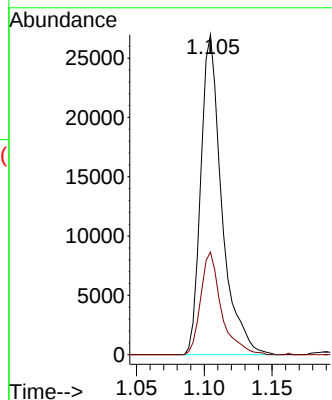
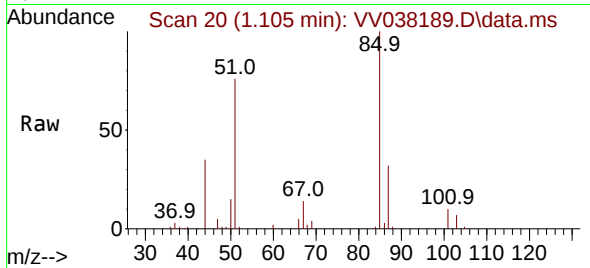




#2
 Dichlorodifluoromethane
 Concen: 1.384 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

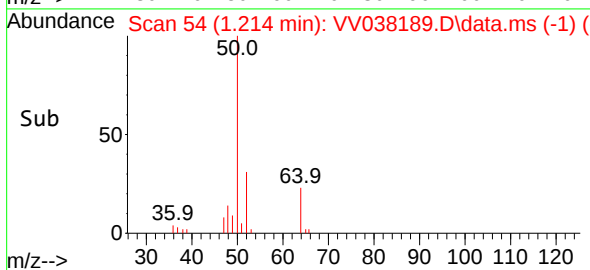
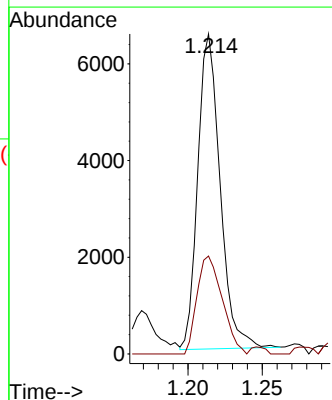
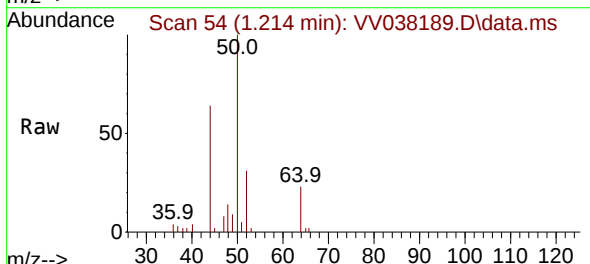
Instrument :
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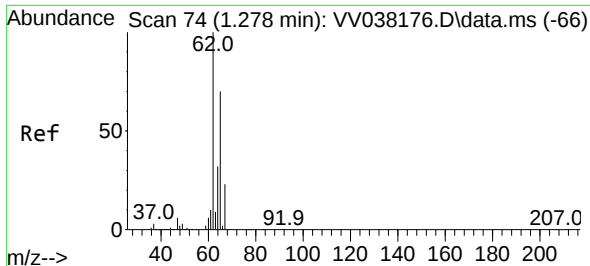
Tgt Ion: 85 Resp: 29090
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.5 39.7



#3
 Chloromethane
 Concen: 0.376 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

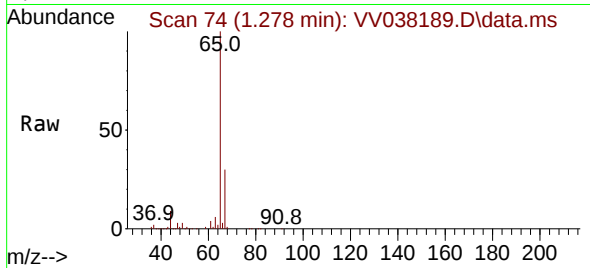
Tgt Ion: 50 Resp: 6813
 Ion Ratio Lower Upper
 50 100
 52 30.6 23.5 43.7



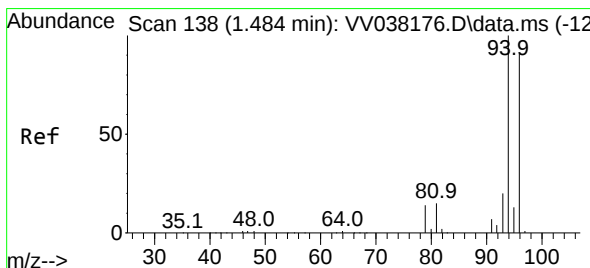
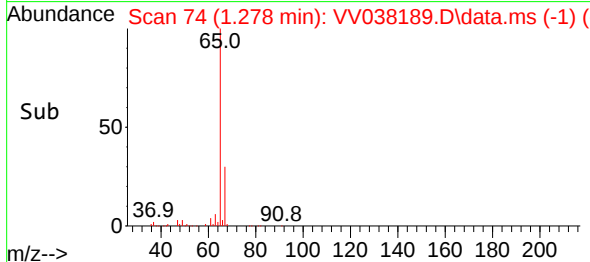
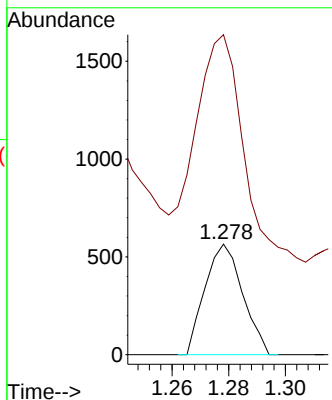


#5
 Vinyl chloride
 Concen: 0.025 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

Instrument :
 MSVOA_V
 ClientSampleId :

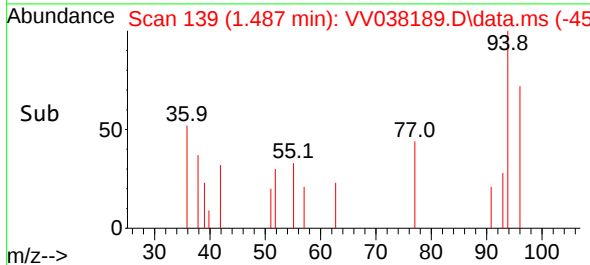
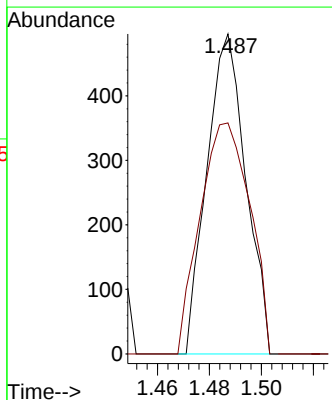
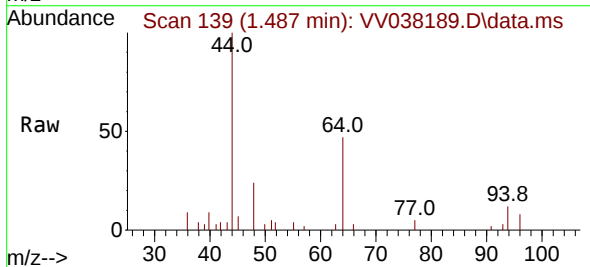


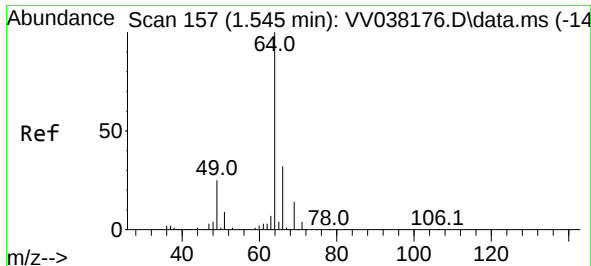
Tgt Ion: 62 Resp: 521
 Ion Ratio Lower Upper
 62 100
 64 289.6 24.4 45.4#



#6
 Bromomethane
 Concen: 0.065 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

Tgt Ion: 94 Resp: 517
 Ion Ratio Lower Upper
 94 100
 96 72.2 63.7 118.3

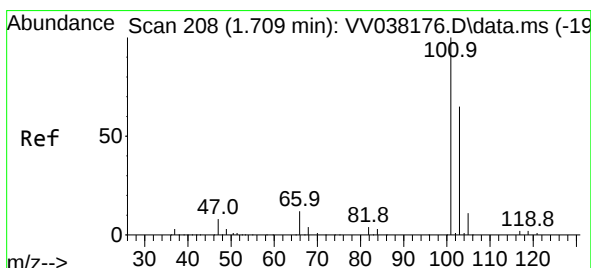
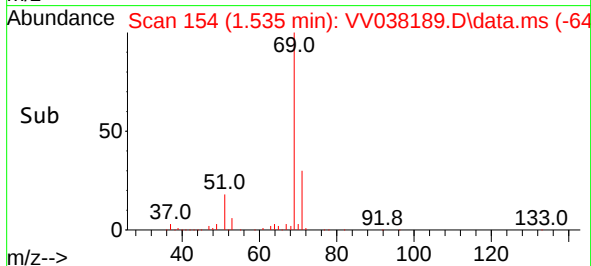
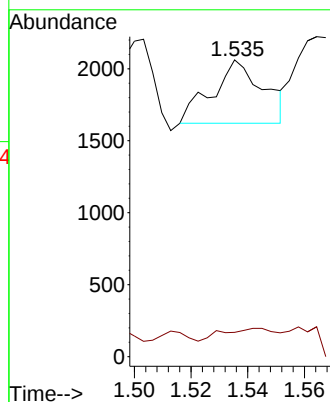
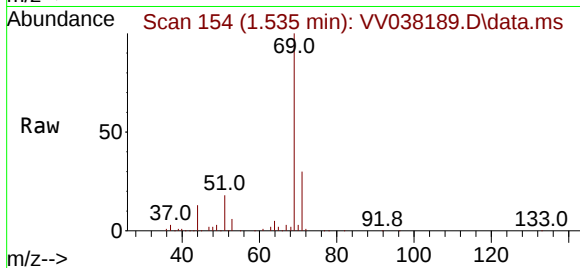




#8
Chloroethane
Concen: 0.042 ug/L
RT: 1.535 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

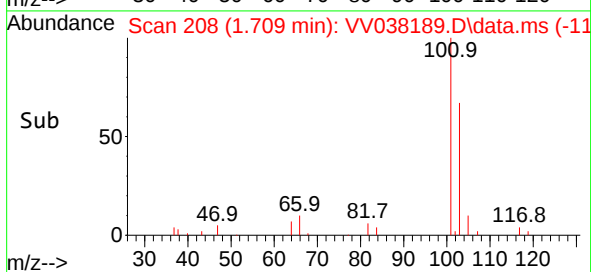
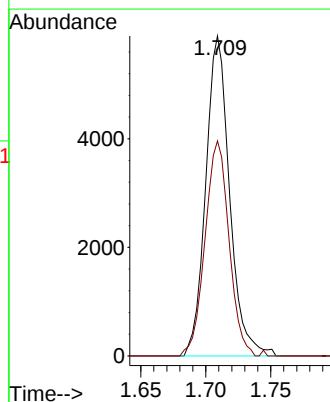
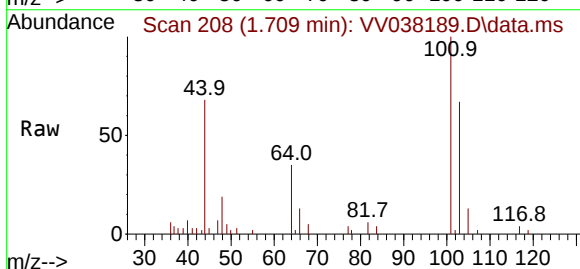
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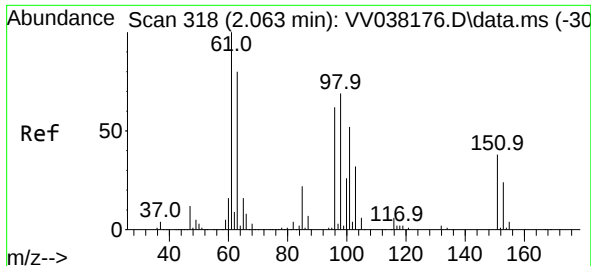
Tgt Ion: 64 Resp: 545
Ion Ratio Lower Upper
64 100
66 8.2 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.258 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion:101 Resp: 7545
Ion Ratio Lower Upper
101 100
103 67.4 51.5 77.3

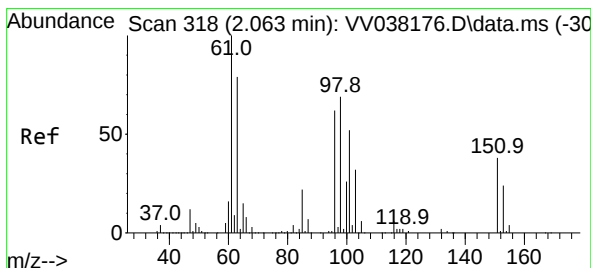
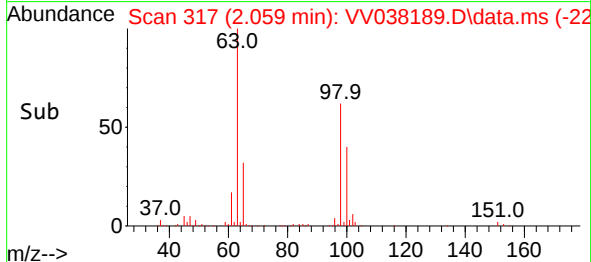
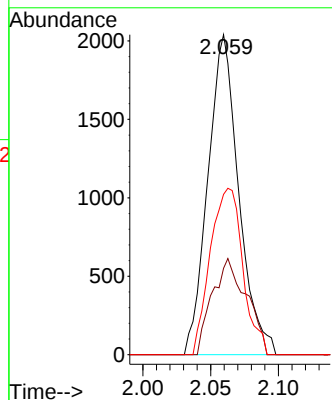
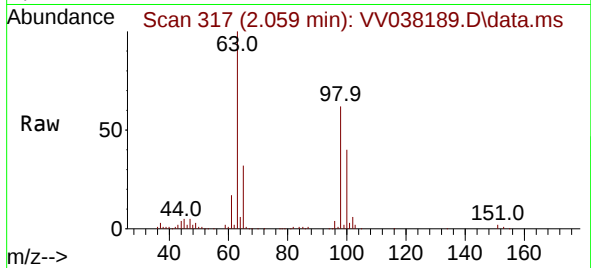




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.194 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

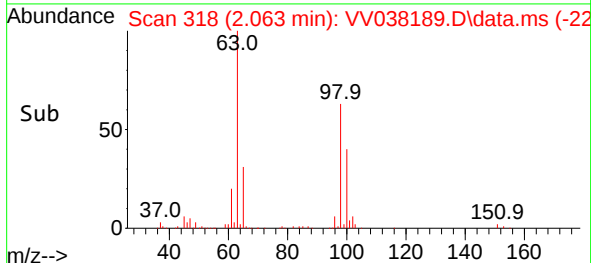
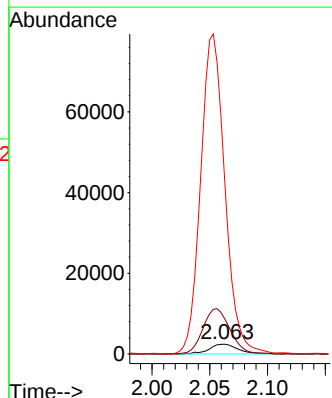
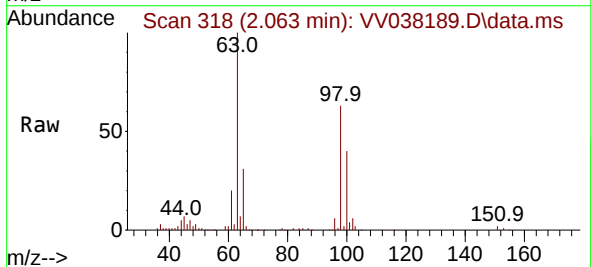
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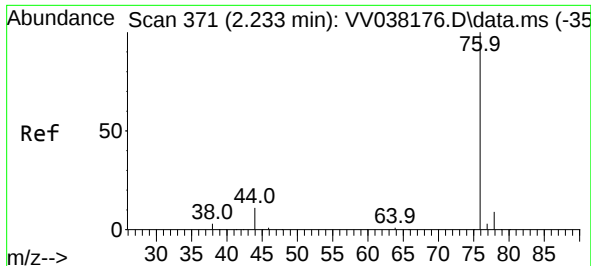
Tgt Ion:101 Resp: 3227
Ion Ratio Lower Upper
101 100
85 33.5 33.4 50.0
151 55.0 58.8 88.2#



#12
1,1-Dichloroethene
Concen: 0.264 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 96 Resp: 4195
Ion Ratio Lower Upper
96 100
61 364.5 115.7 214.9#
63 1808.6 101.1 187.7#





#14

Carbon disulfide

Concen: 0.023 ug/L

RT: 2.236 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

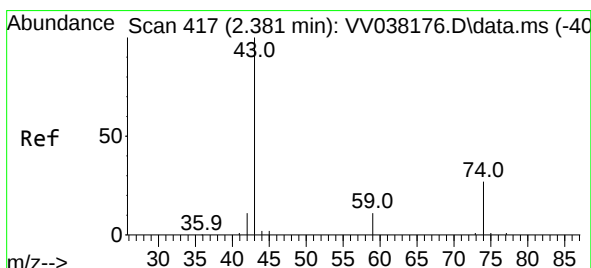
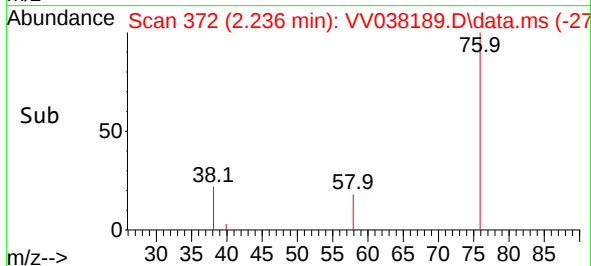
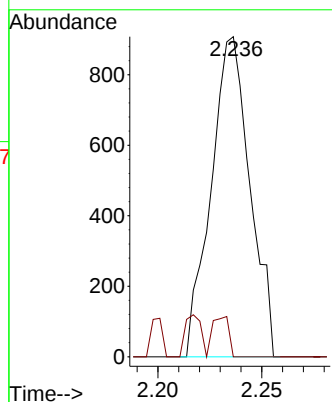
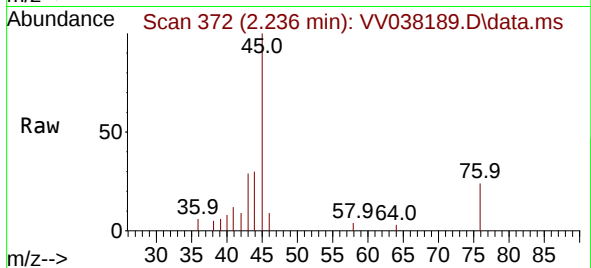
ClientSampleId :

Tgt Ion: 76 Resp: 1183

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#15

Methyl Acetate

Concen: 0.059 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.100 min

Lab File: VV038189.D

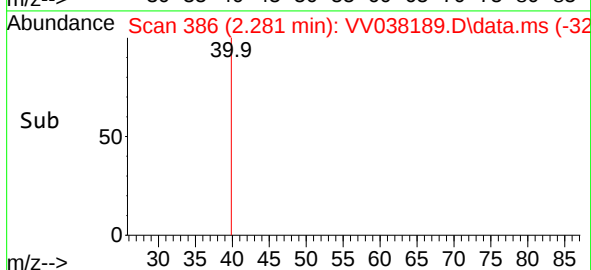
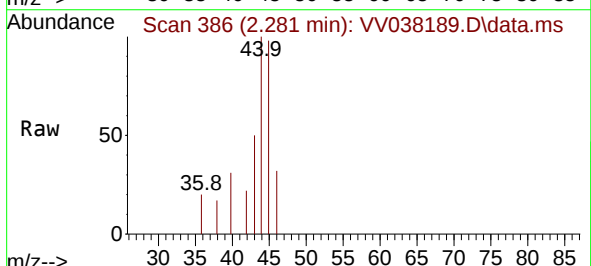
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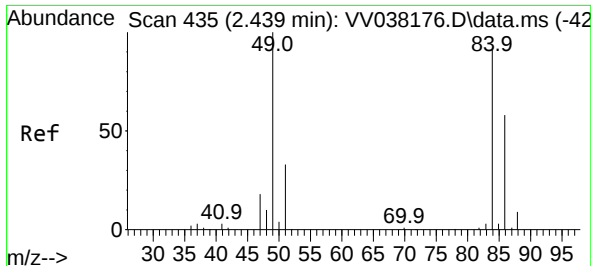
Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

43 100

74 0.0 22.4 33.6#



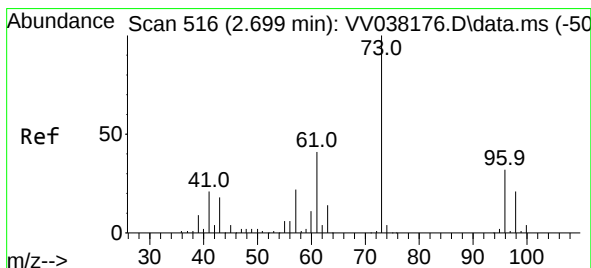
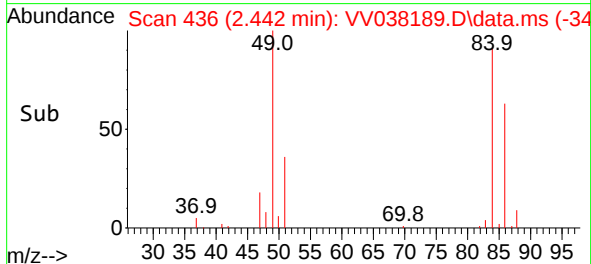
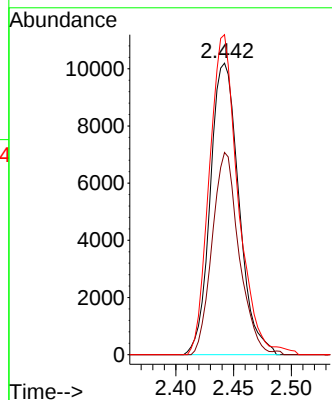
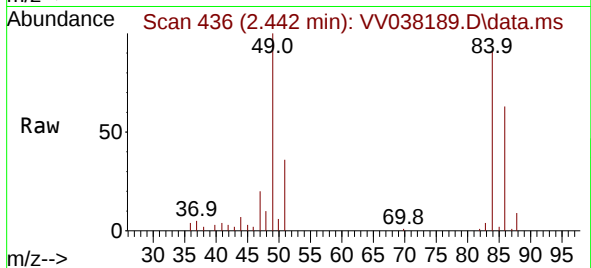


#16
Methylene chloride
Concen: 0.972 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 17598

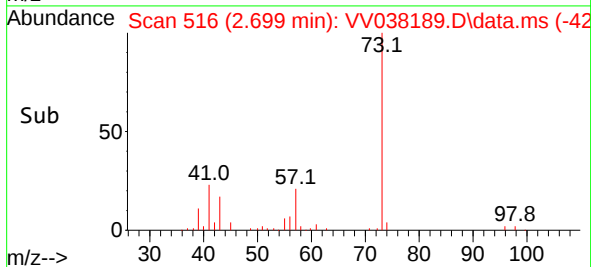
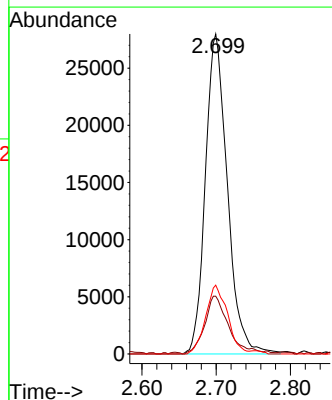
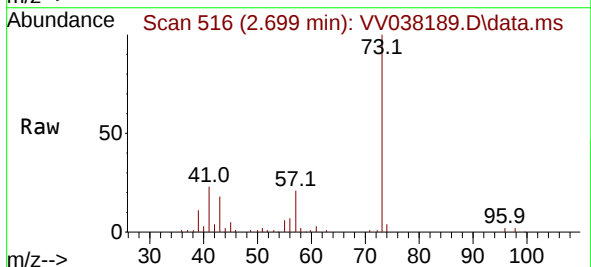
Ion	Ratio	Lower	Upper
84	100		
86	69.4	44.2	82.2
49	109.8	74.9	139.1

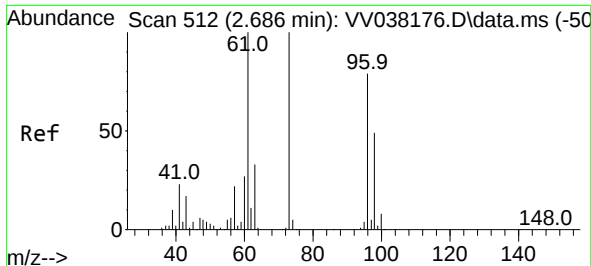


#17
Methyl tert-butyl Ether
Concen: 1.605 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 73 Resp: 57577

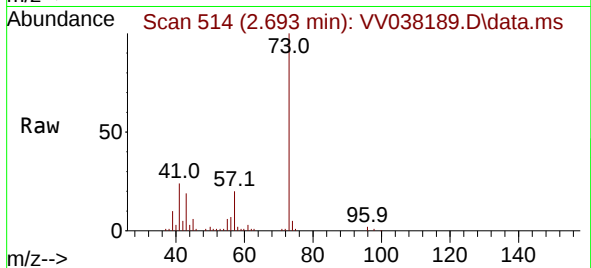
Ion	Ratio	Lower	Upper
73	100		
43	19.5	14.2	21.2
57	21.4	17.6	26.4





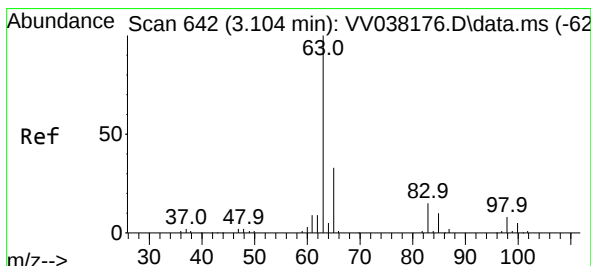
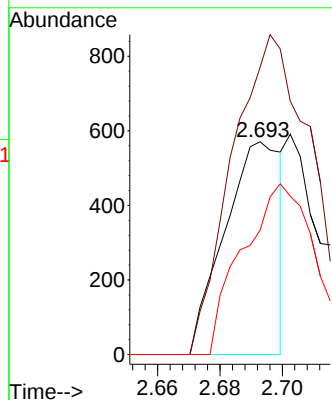
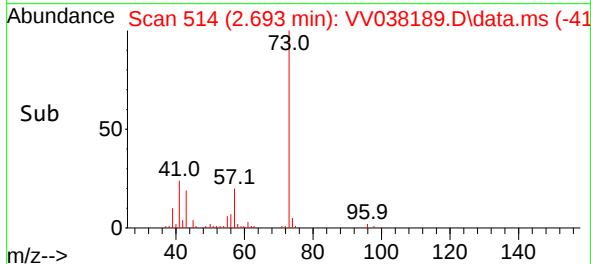
#18
trans-1,2-Dichloroethene
Concen: 0.043 ug/L
RT: 2.693 min Scan# 512
Delta R.T. 0.006 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

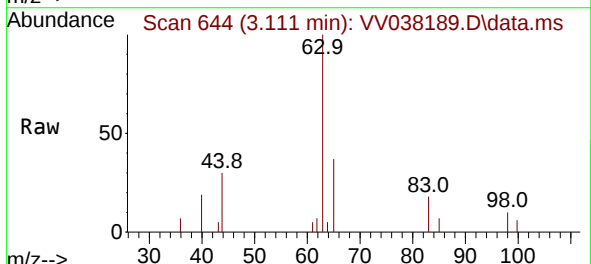


Tgt Ion: 96 Resp: 711

Ion	Ratio	Lower	Upper
96	100		
61	134.9	88.5	164.4
98	58.3	43.9	81.5

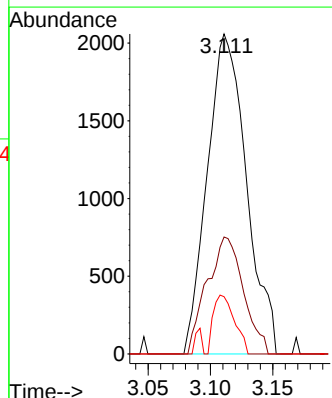
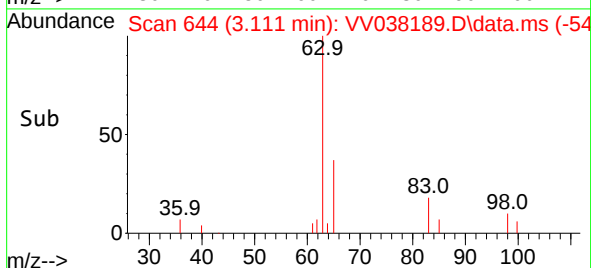


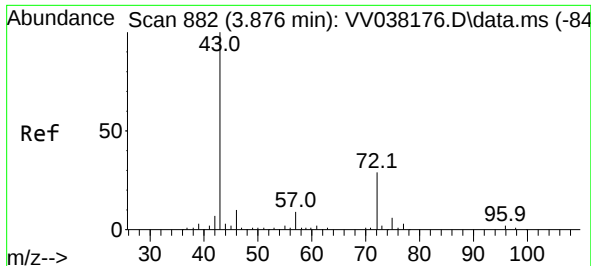
#19
1,1-Dichloroethane
Concen: 0.148 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10



Tgt Ion: 63 Resp: 4494

Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.5	41.7
83	17.0	10.1	18.9

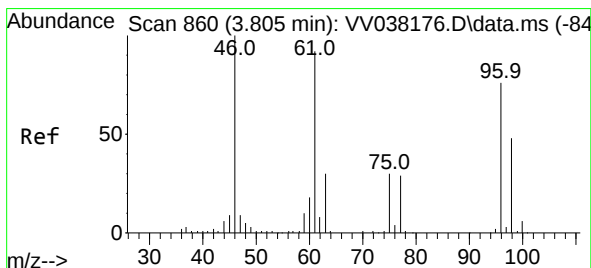
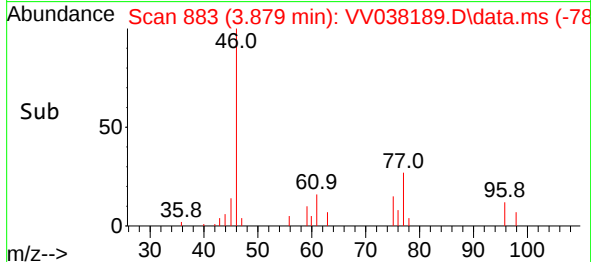
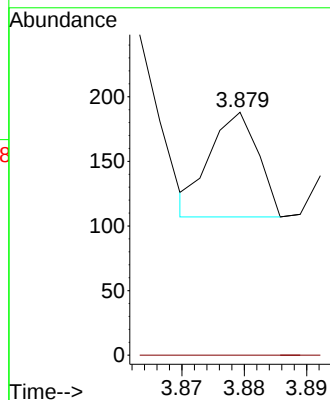
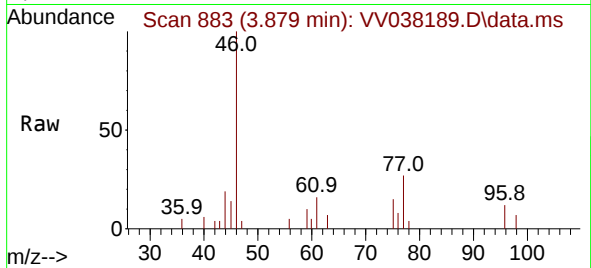




#21
2-Butanone
Concen: 0.012 ug/L
RT: 3.879 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

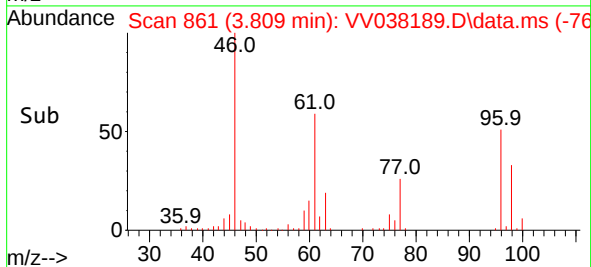
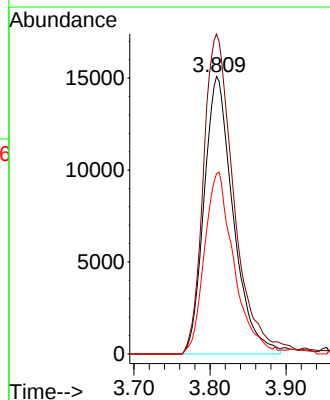
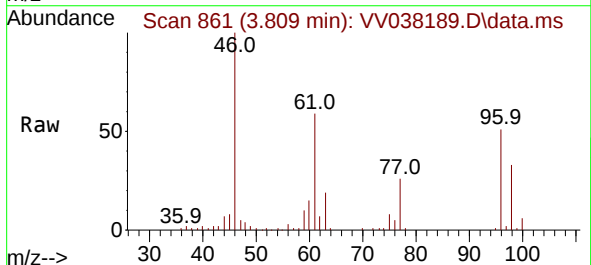
Instrument :
MSVOA_V
ClientSampleId :

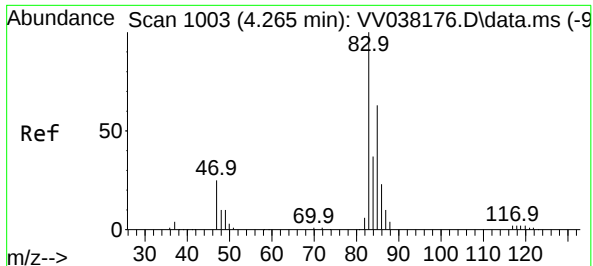
Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
72 0.0 13.0 39.0#



#22
cis-1,2-Dichloroethene
Concen: 2.319 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 96 Resp: 40091
Ion Ratio Lower Upper
96 100
61 115.3 82.7 153.5
98 65.0 46.3 85.9





#25

Chloroform

Concen: 0.387 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.010 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

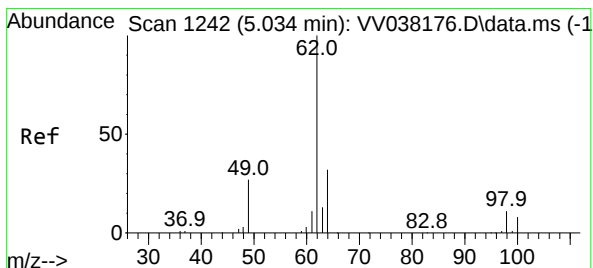
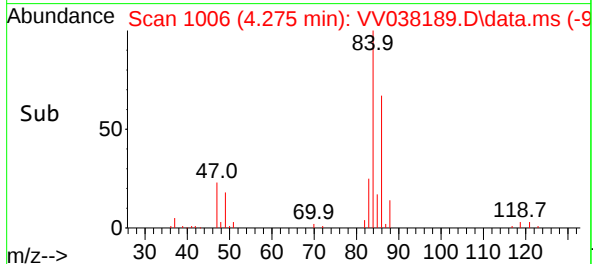
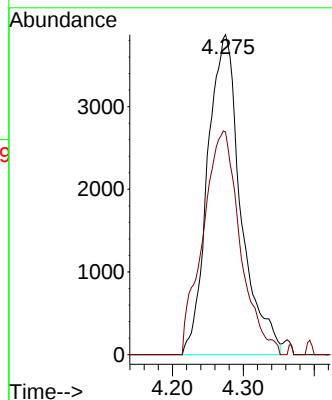
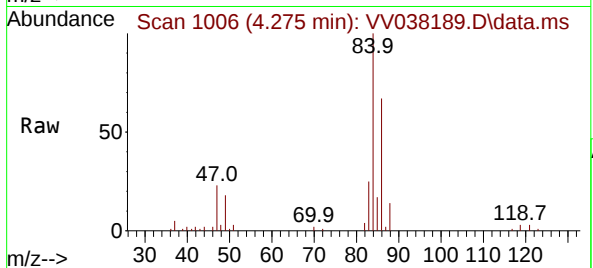
ClientSampleId :

Tgt Ion: 83 Resp: 12578

Ion Ratio Lower Upper

83 100

85 69.6 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.336 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.029 min

Lab File: VV038189.D

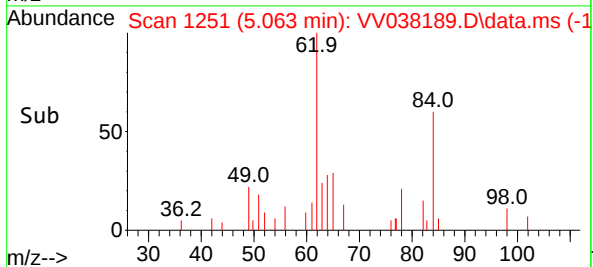
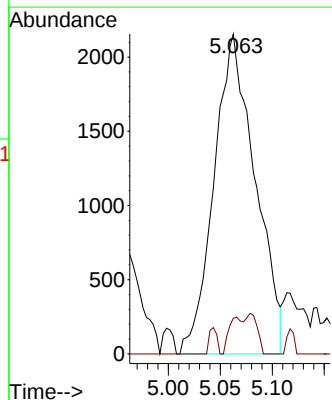
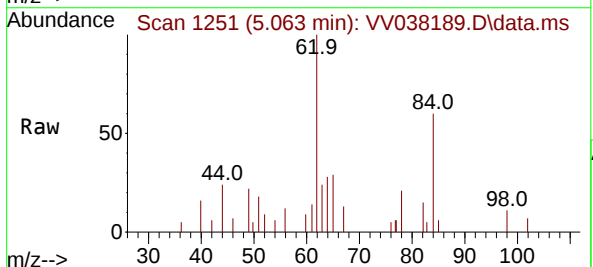
Acq: 19 Nov 2024 20:10

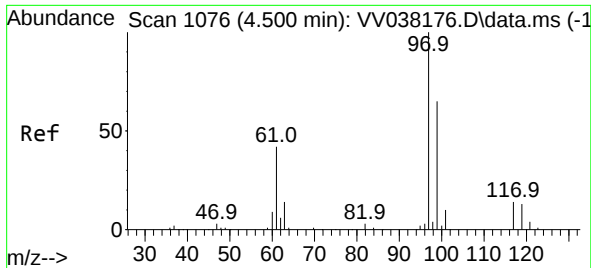
Tgt Ion: 62 Resp: 5931

Ion Ratio Lower Upper

62 100

98 11.1 8.2 12.4

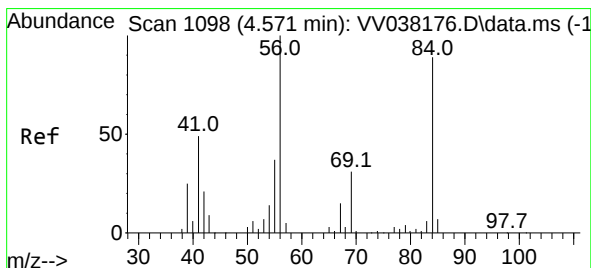
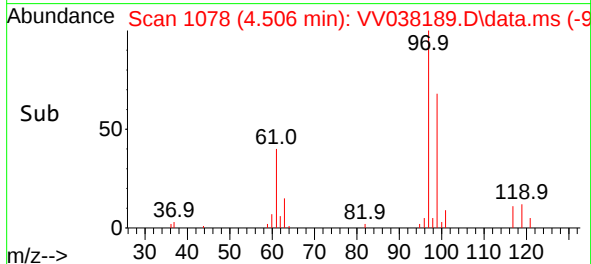
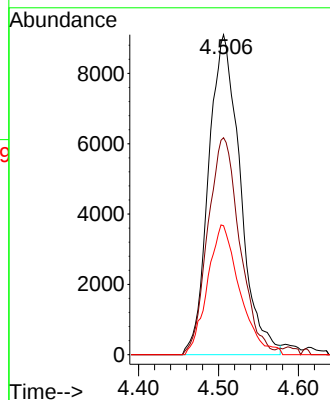
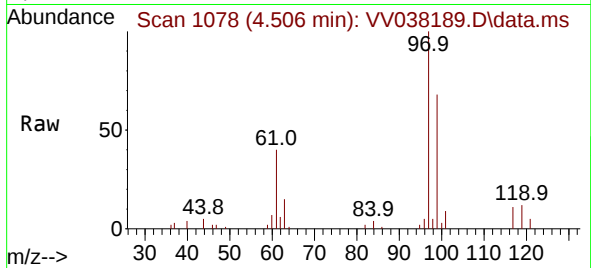




#29
1,1,1-Trichloroethane
Concen: 0.857 ug/L
RT: 4.506 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

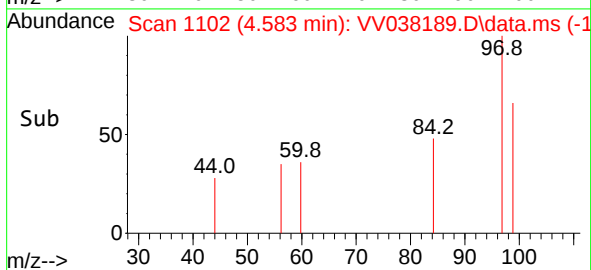
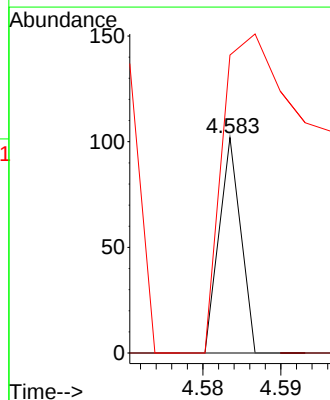
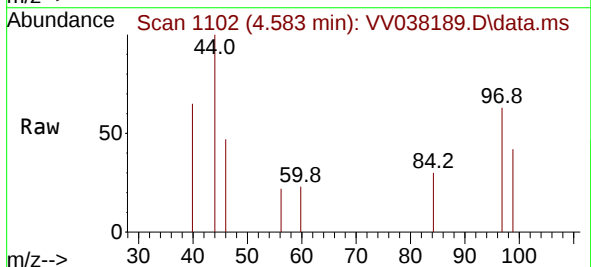
Instrument :
MSVOA_V
ClientSampleId :

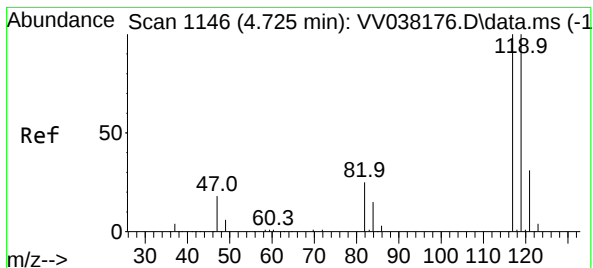
Tgt Ion:	97	Resp:	24952
Ion	Ratio	Lower	Upper
97	100		
99	68.8	51.8	77.8
61	41.4	32.2	48.2



#30
Cyclohexane
Concen: 0.001 ug/L
RT: 4.583 min Scan# 1102
Delta R.T. 0.013 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion:	56	Resp:	20
Ion	Ratio	Lower	Upper
56	100		
69	100.0	26.0	39.0#
84	0.0	75.6	113.4#





#31

Carbon tetrachloride

Concen: 0.038 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.006 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

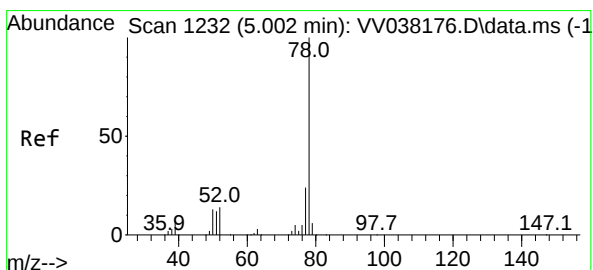
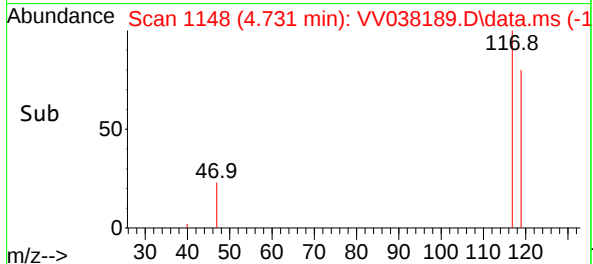
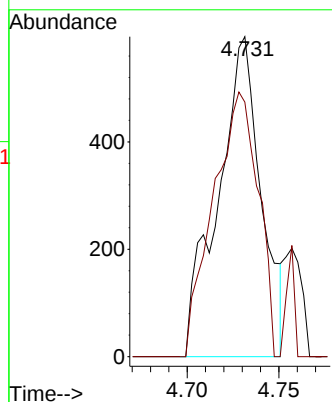
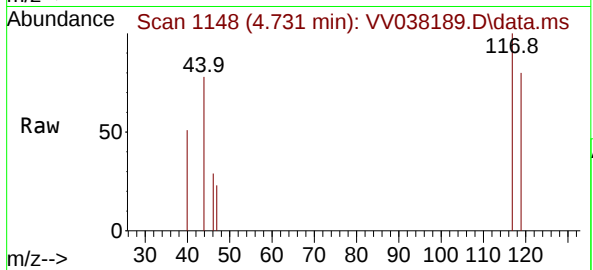
ClientSampleId :

Tgt Ion:117 Resp: 973

Ion Ratio Lower Upper

117 100

119 86.4 77.4 116.2



#33

Benzene

Concen: 0.077 ug/L

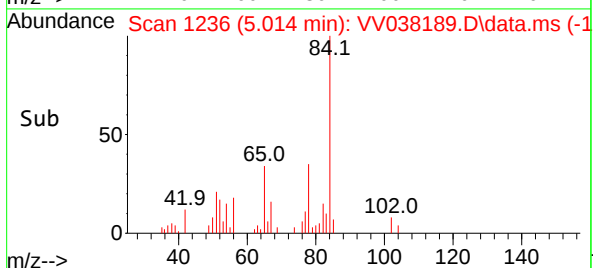
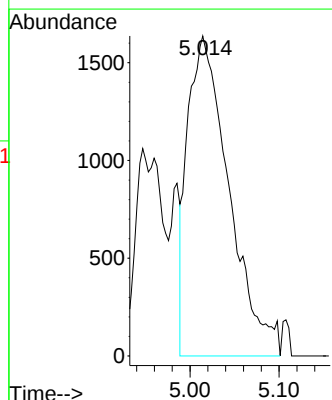
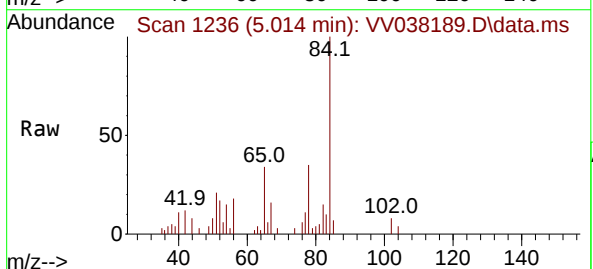
RT: 5.014 min Scan# 1236

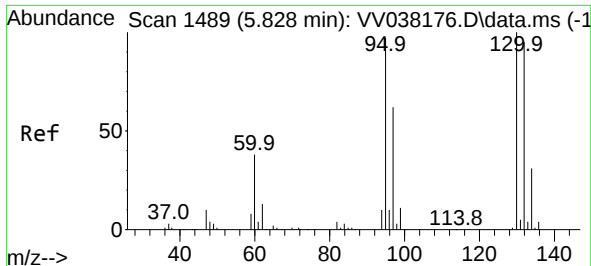
Delta R.T. 0.013 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Tgt Ion: 78 Resp: 5283



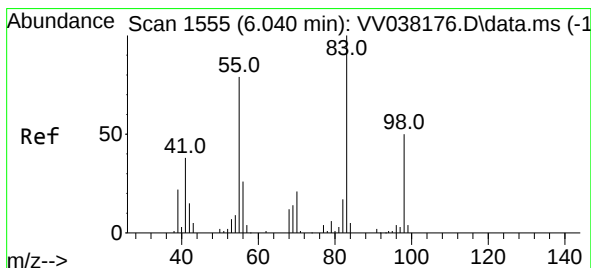
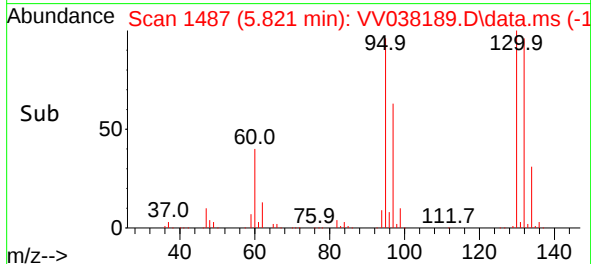
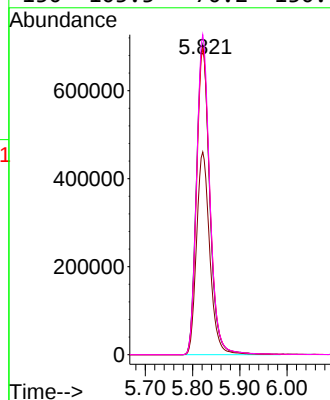
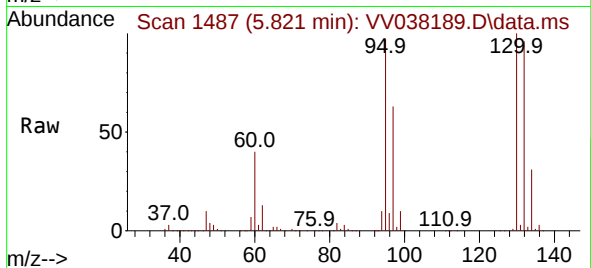


#34
Trichloroethene
Concen: 74.235 ug/L
RT: 5.821 min Scan# 1489
Delta R.T. -0.006 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1380485

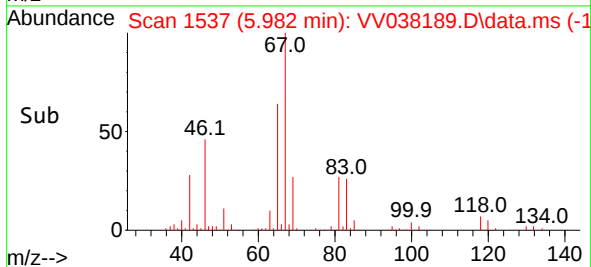
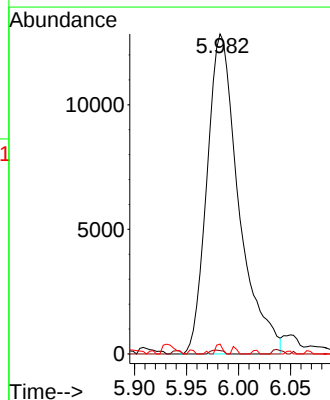
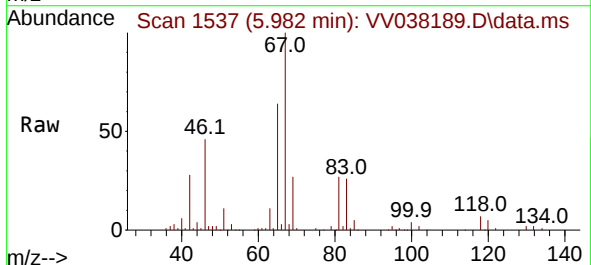
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.8	83.2
132	98.8	68.3	126.8
130	103.3	70.2	130.4

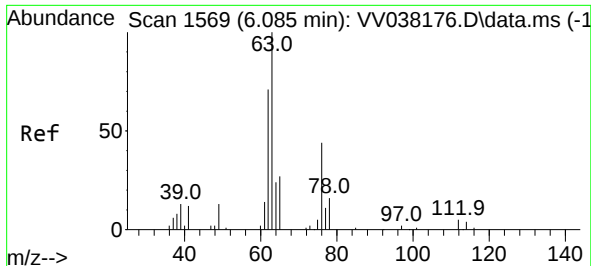


#35
Methylcyclohexane
Concen: 1.038 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 83 Resp: 27298

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.7	89.5#
98	0.0	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.024 ug/L

RT: 6.043 min Scan# 1

Delta R.T. -0.042 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

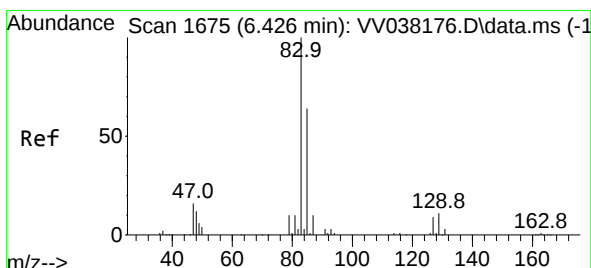
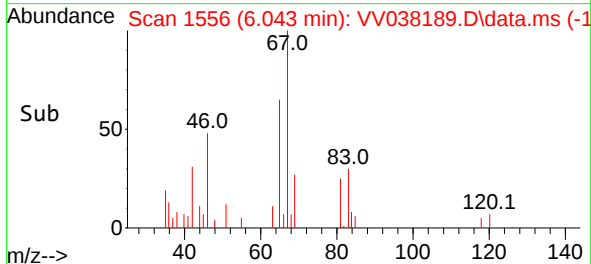
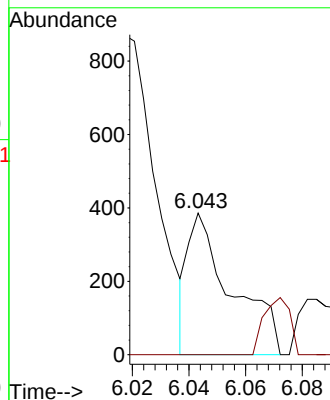
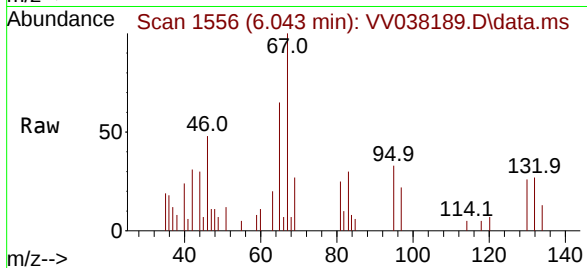
ClientSampleId :

Tgt Ion: 63 Resp: 414

Ion Ratio Lower Upper

63 100

112 23.9 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.004 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.013 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

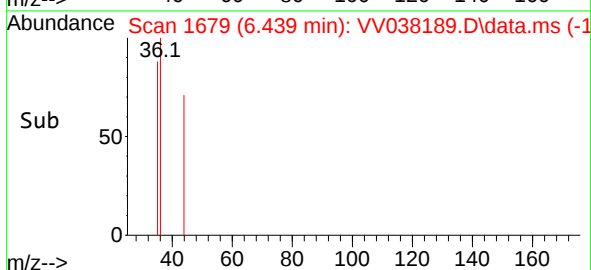
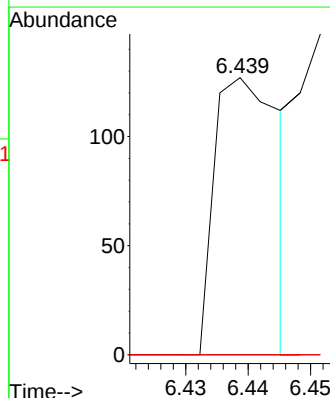
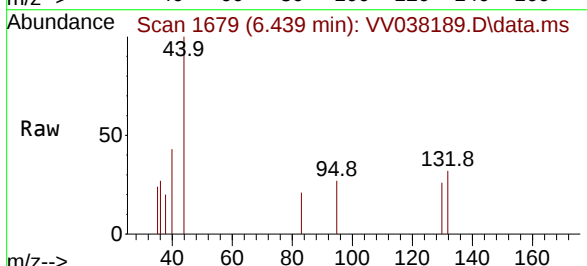
Tgt Ion: 83 Resp: 92

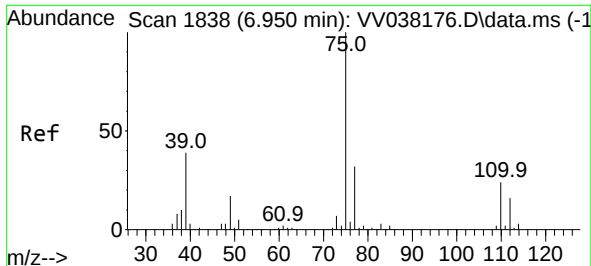
Ion Ratio Lower Upper

83 100

85 0.0 43.9 81.5#

127 0.0 6.7 10.1#

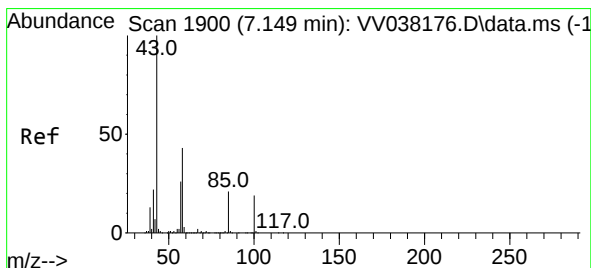
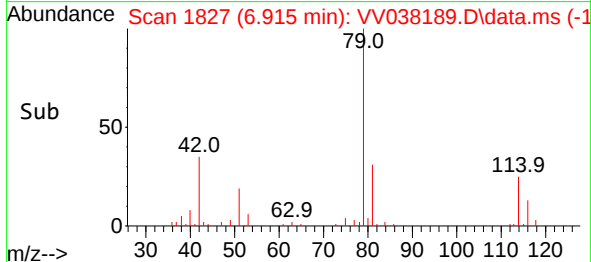
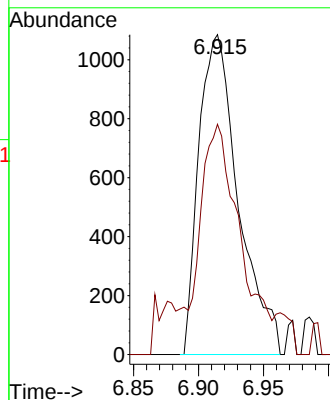
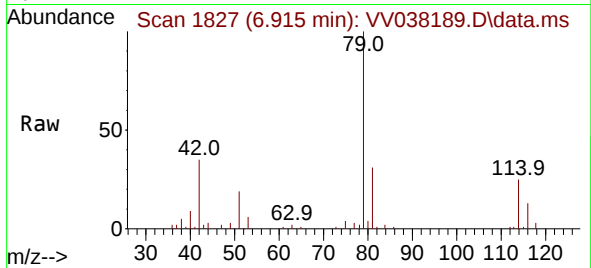




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 6.915 min Scan# 11
 Delta R.T. -0.035 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

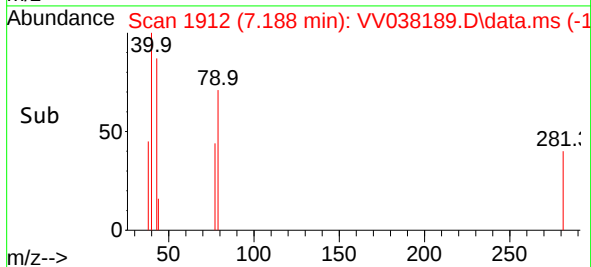
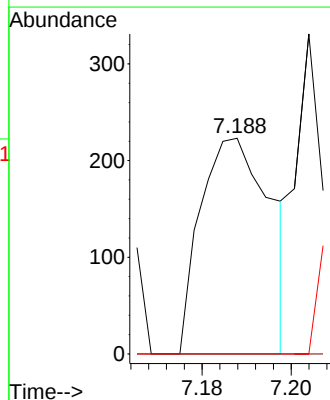
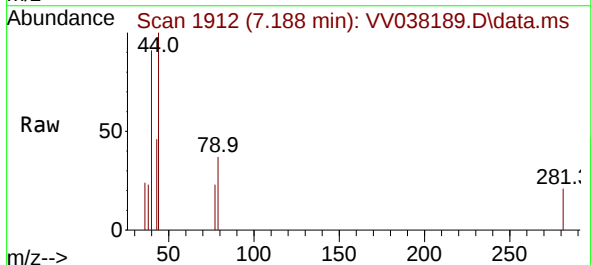
Instrument :
 MSVOA_V
 ClientSampleId :

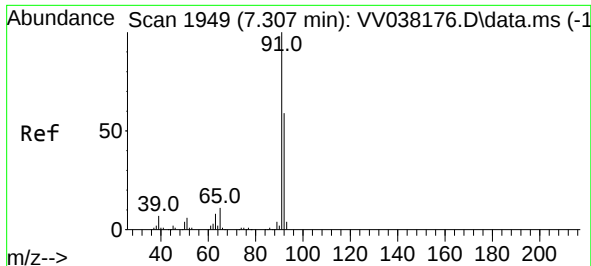
Tgt Ion: 75 Resp: 2304
 Ion Ratio Lower Upper
 75 100
 77 72.0 23.4 43.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.027 ug/L
 RT: 7.188 min Scan# 1912
 Delta R.T. 0.039 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

Tgt Ion: 43 Resp: 243
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.4 50.2#
 100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.220 ug/L

RT: 7.326 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

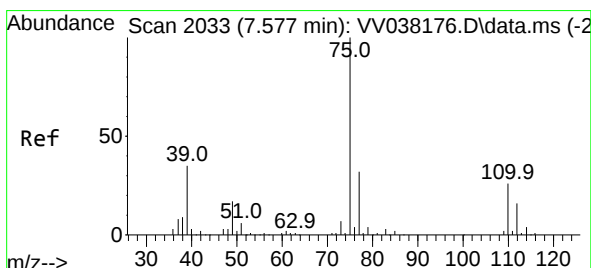
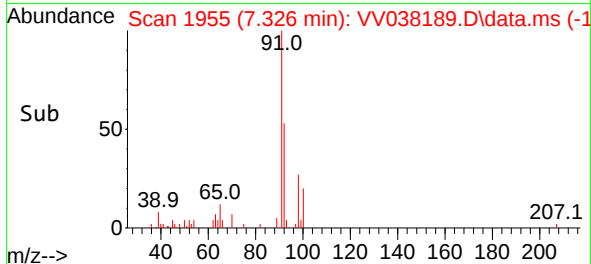
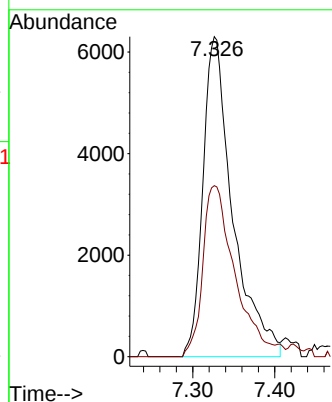
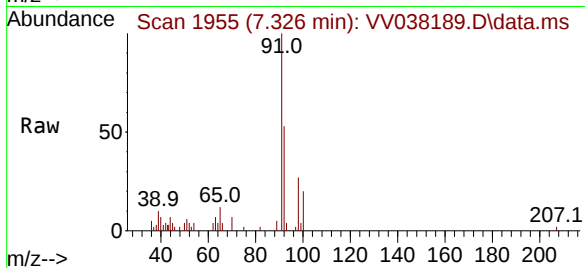
ClientSampleId :

Tgt Ion: 91 Resp: 15921

Ion Ratio Lower Upper

91 100

92 53.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.017 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.026 min

Lab File: VV038189.D

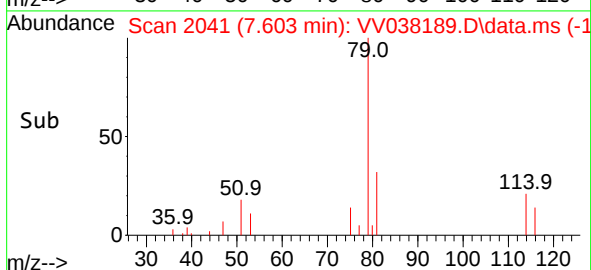
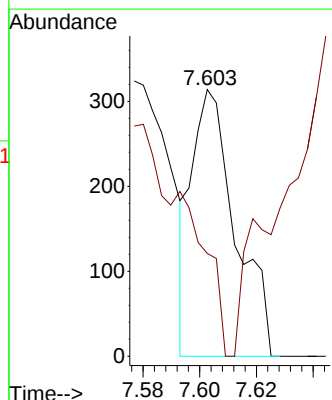
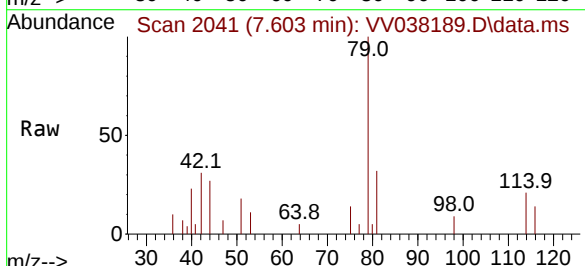
Acq: 19 Nov 2024 20:10

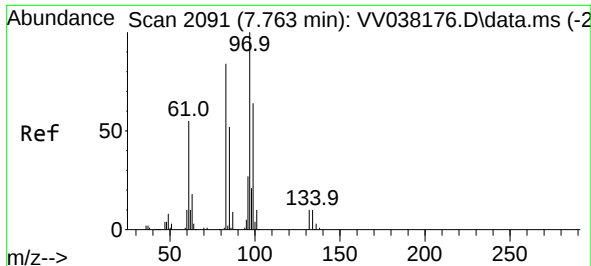
Tgt Ion: 75 Resp: 337

Ion Ratio Lower Upper

75 100

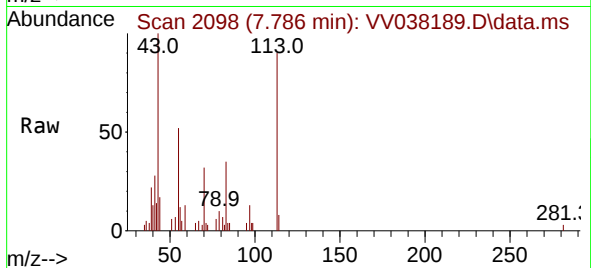
77 38.5 23.4 43.4



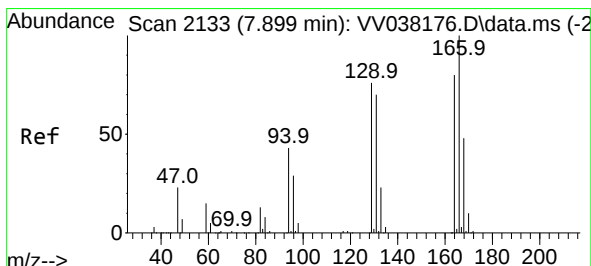
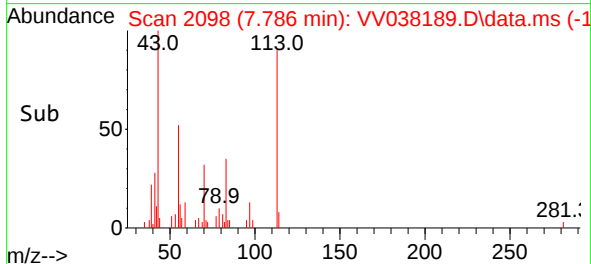
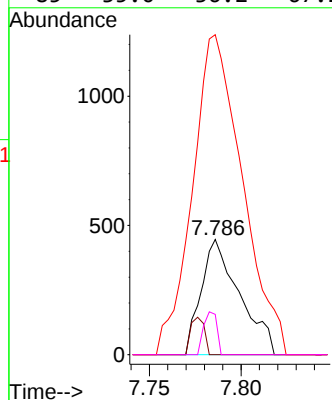


#45
1,1,2-Trichloroethane
Concen: 0.047 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. 0.022 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

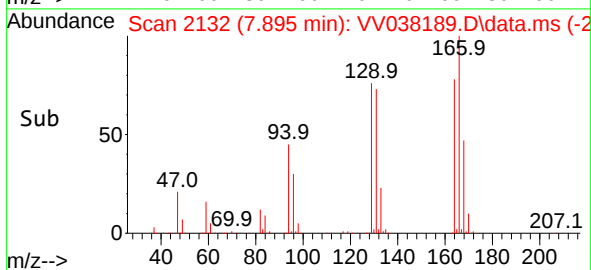
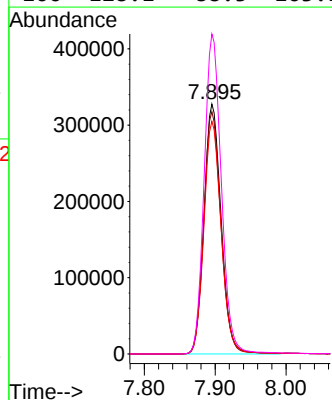
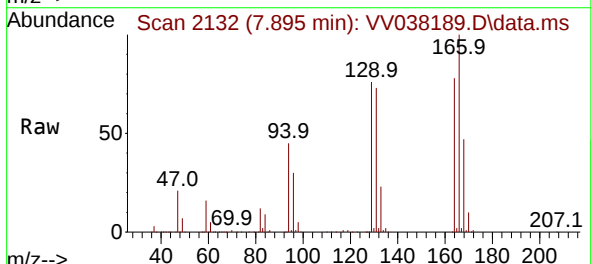


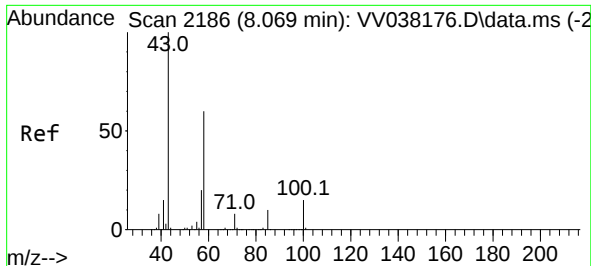
Tgt Ion: 97	Resp: 649
Ion Ratio	Lower Upper
97 100	
99 0.0	41.9 77.7#
83 277.6	57.7 107.1#
85 35.0	36.2 67.2#



#47
Tetrachloroethene
Concen: 36.952 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

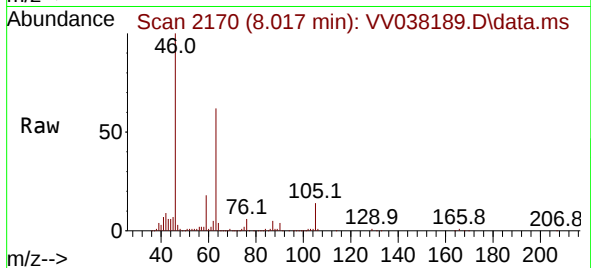
Tgt	Ion:164	Resp:	552181
Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.5	127.1
131	93.1	64.8	120.4
166	128.1	88.3	163.9



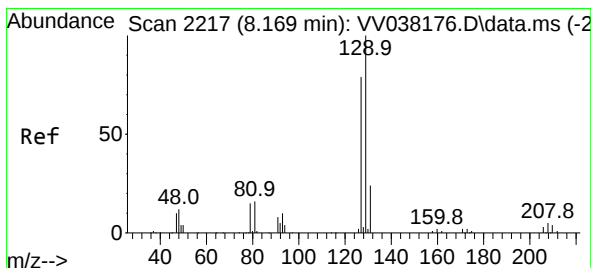
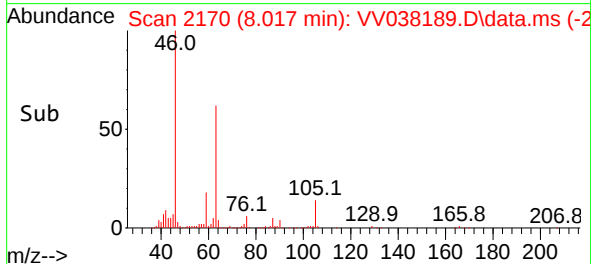
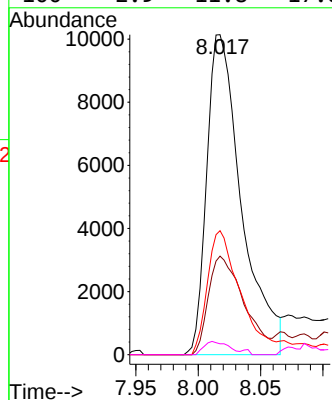


#48
2-Hexanone
Concen: 3.039 ug/L
RT: 8.017 min Scan# 2170
Delta R.T. -0.051 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

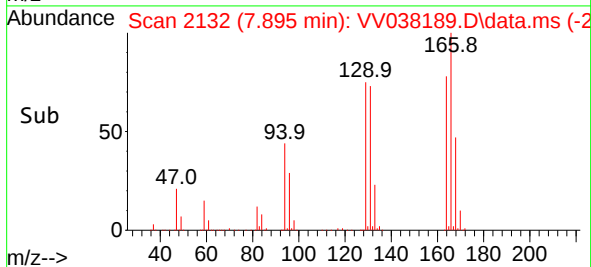
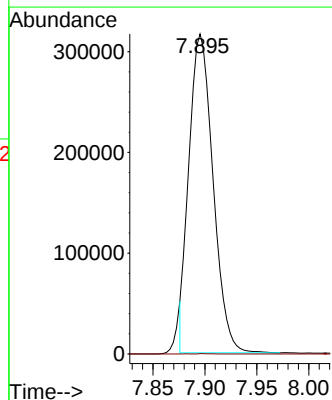
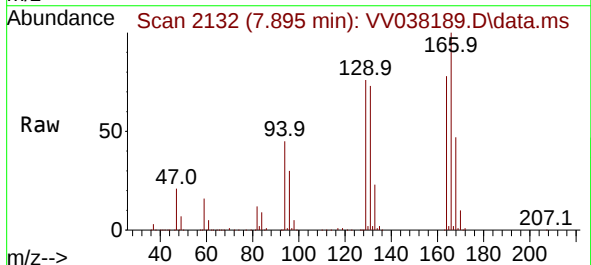


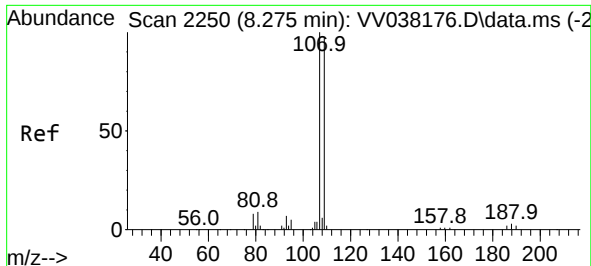
Tgt Ion: 43	Resp: 19706
Ion Ratio	Lower Upper
43	100
58	31.7 49.2 73.8#
57	36.6 16.9 25.3#
100	2.9 11.8 17.8#



#49
Dibromochloromethane
Concen: 33.665 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 129	Resp: 508623
Ion Ratio	Lower Upper
129	100
127	0.1 53.5 99.3#





#50

1,2-Dibromoethane

Concen: 0.003 ug/L

RT: 8.008 min Scan# 2167

Delta R.T. -0.267 min

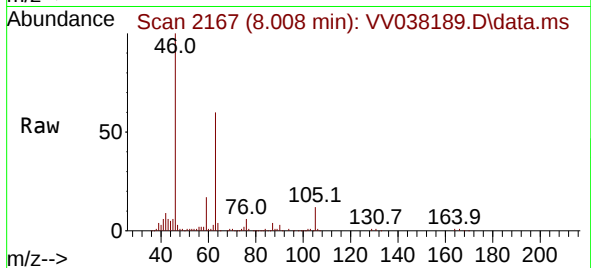
Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

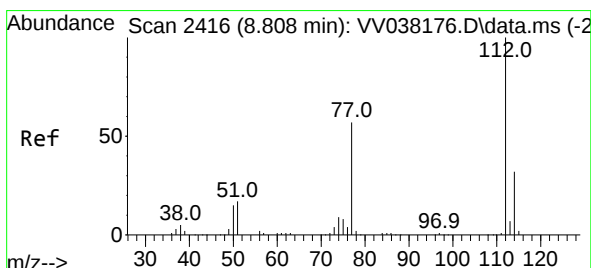
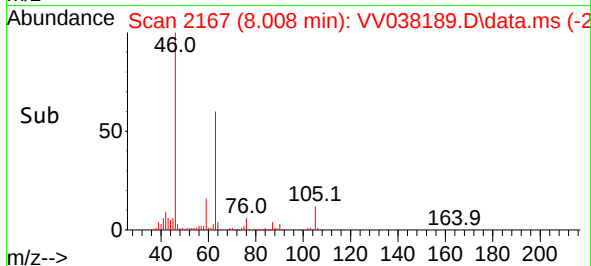
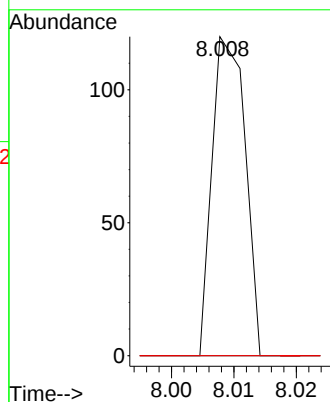
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	44
Ion	Ratio	Lower	Upper
107	100		
109	0.0	66.1	122.7#
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 0.182 ug/L

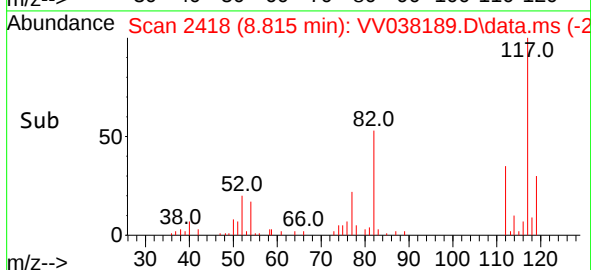
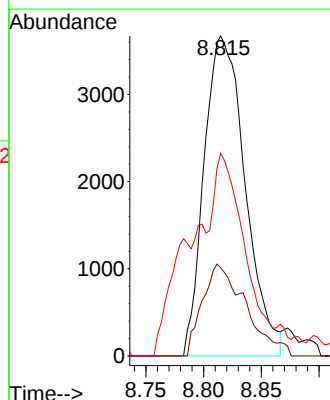
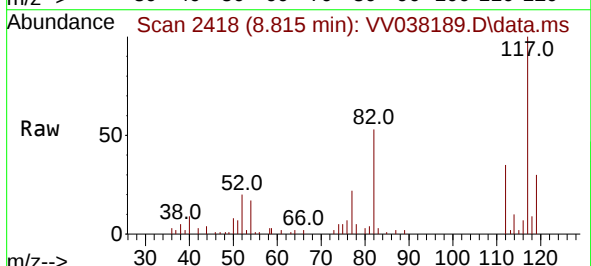
RT: 8.815 min Scan# 2418

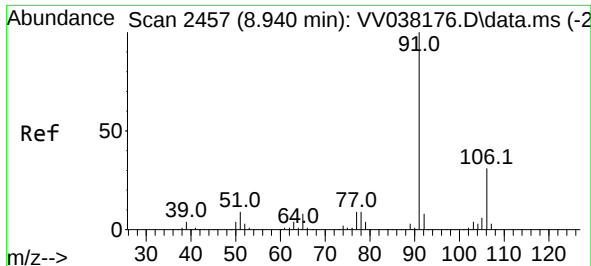
Delta R.T. 0.006 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Tgt Ion:	112	Resp:	9076
Ion	Ratio	Lower	Upper
112	100		
114	27.6	22.0	40.8
77	63.4	45.0	67.4





#52

Ethylbenzene

Concen: 0.062 ug/L

RT: 8.963 min Scan# 24

Delta R.T. 0.022 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

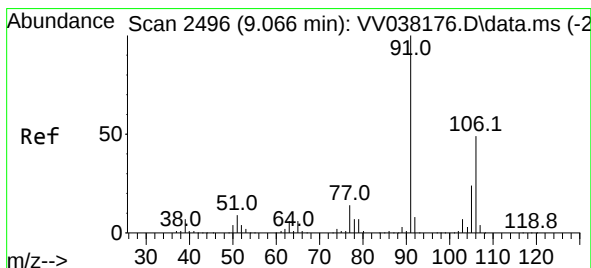
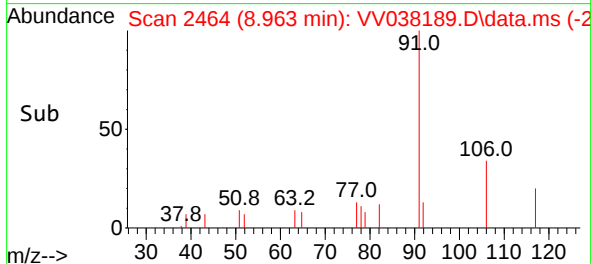
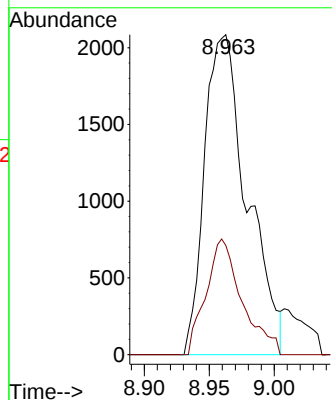
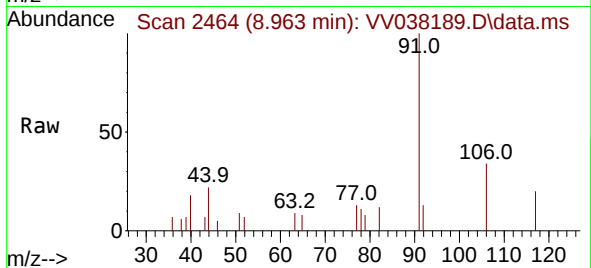
ClientSampleId :

Tgt Ion: 91 Resp: 4753

Ion Ratio Lower Upper

91 100

106 34.1 21.8 40.4



#53

m,p-Xylene

Concen: 0.102 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.019 min

Lab File: VV038189.D

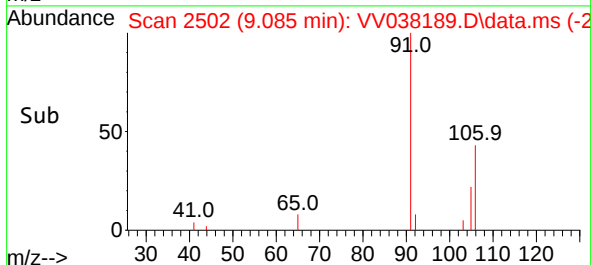
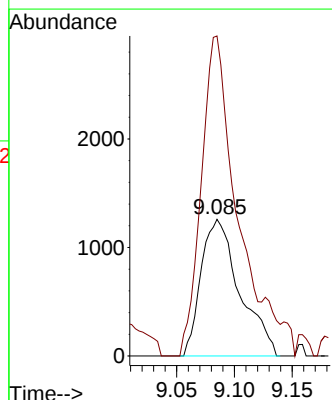
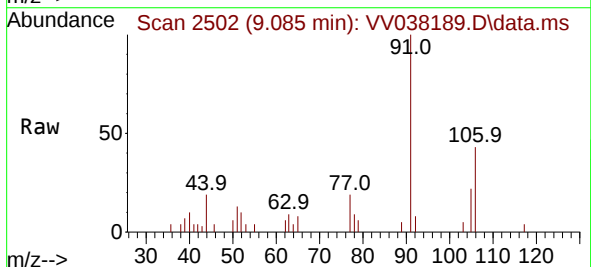
Acq: 19 Nov 2024 20:10

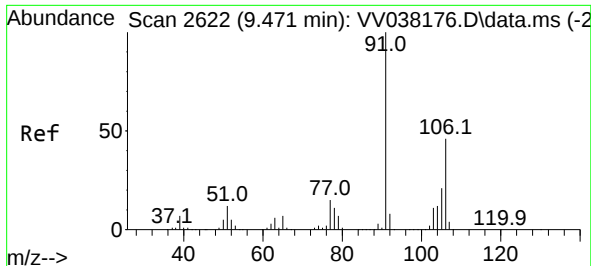
Tgt Ion:106 Resp: 2936

Ion Ratio Lower Upper

106 100

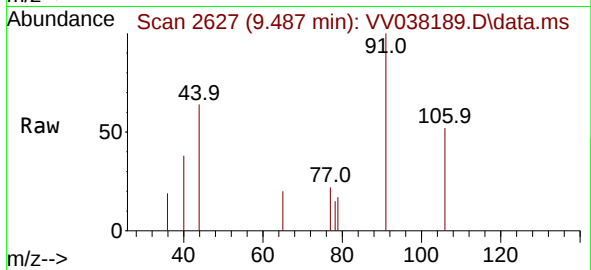
91 234.0 138.7 257.5



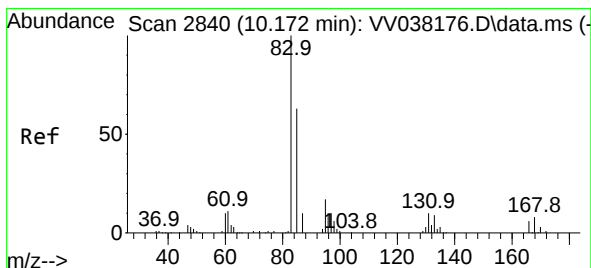
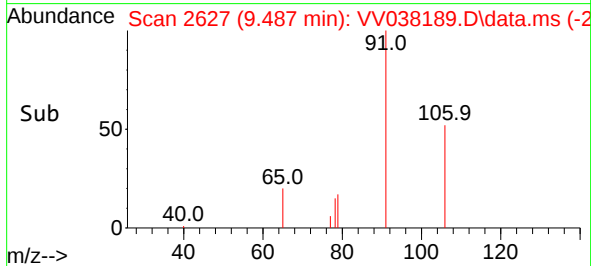
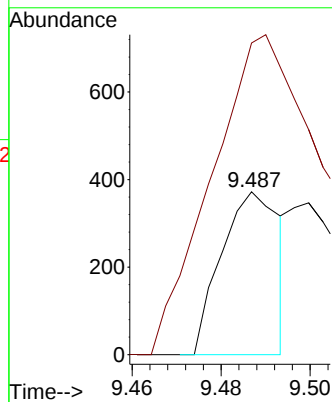


#54
o-Xylene
Concen: 0.012 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.016 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

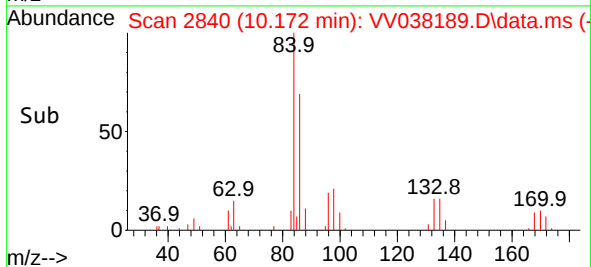
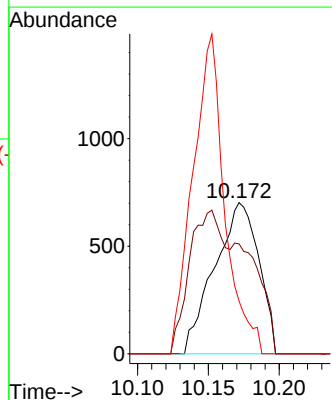
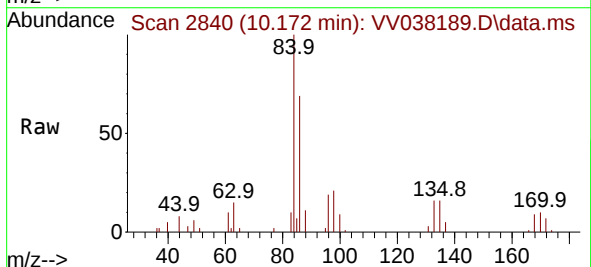


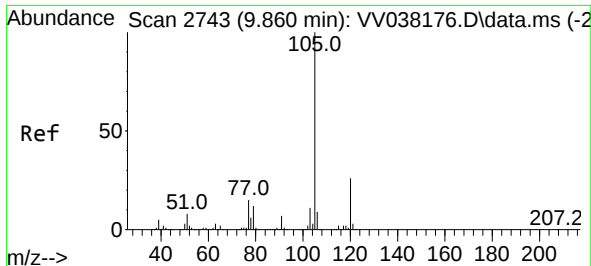
Tgt Ion:106 Resp: 337
Ion Ratio Lower Upper
106 100
91 191.4 155.5 288.7



#57
1,1,2,2-Tetrachloroethane
Concen: 0.094 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 83 Resp: 1526
Ion Ratio Lower Upper
83 100
85 72.7 45.7 84.9
131 34.9 8.2 12.4#

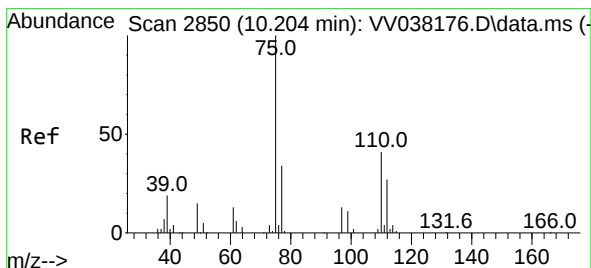
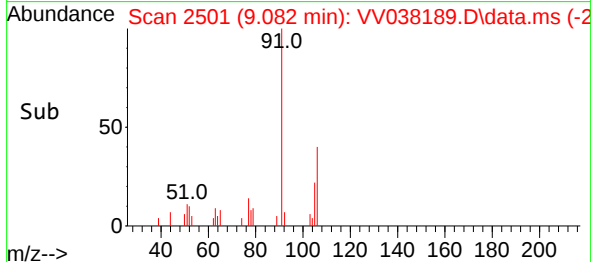
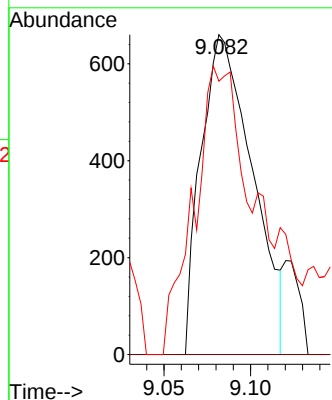
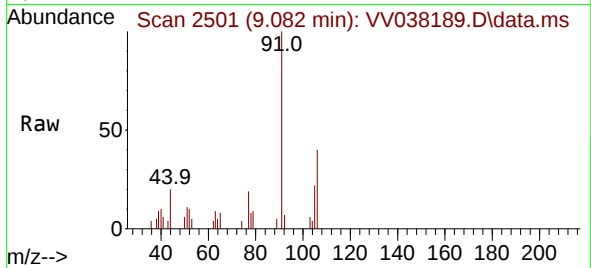




#60
Isopropylbenzene
Concen: 0.023 ug/L
RT: 9.082 min Scan# 21
Delta R.T. -0.778 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

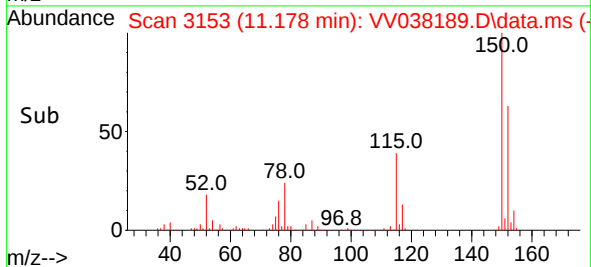
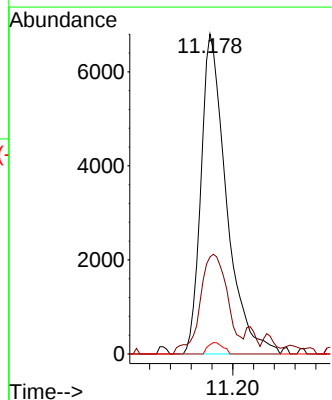
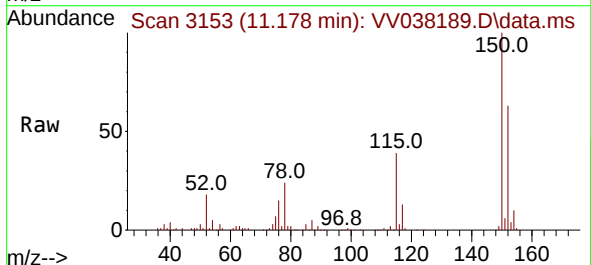
Instrument :
MSVOA_V
ClientSampleId :

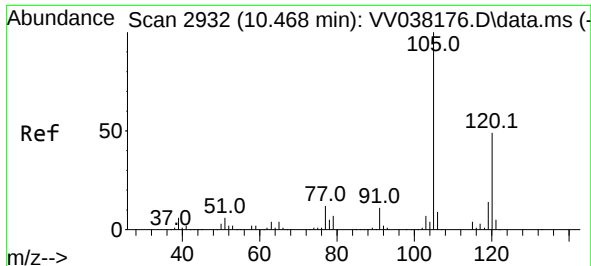
Tgt Ion:105 Resp: 1363
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#
77 83.9 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.303 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 75 Resp: 11553
Ion Ratio Lower Upper
75 100
77 34.0 26.4 39.6
110 2.1 32.3 48.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.006 ug/L

RT: 10.484 min Scan# 2932

Delta R.T. 0.016 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

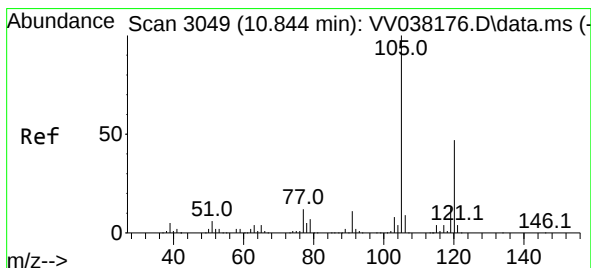
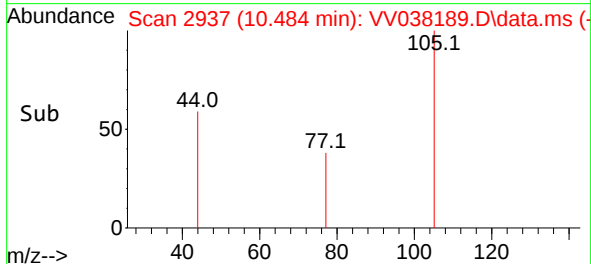
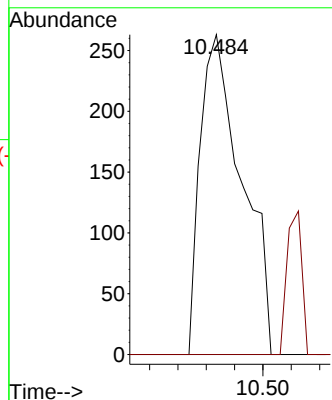
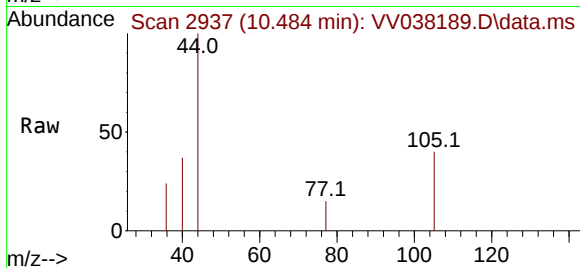
ClientSampleId :

Tgt Ion:105 Resp: 269

Ion Ratio Lower Upper

105 100

120 0.0 39.2 58.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.002 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. -0.981 min

Lab File: VV038189.D

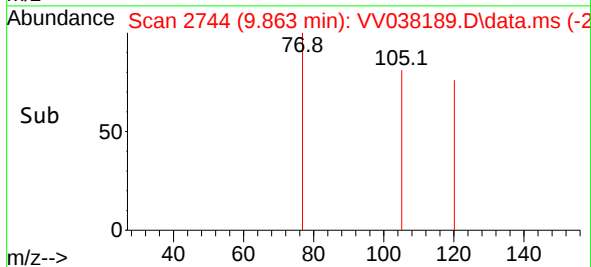
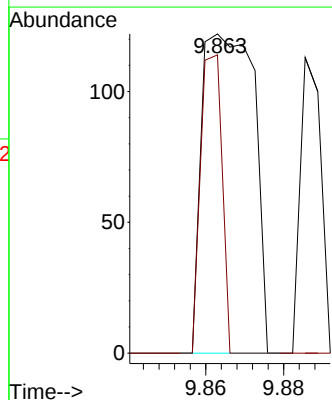
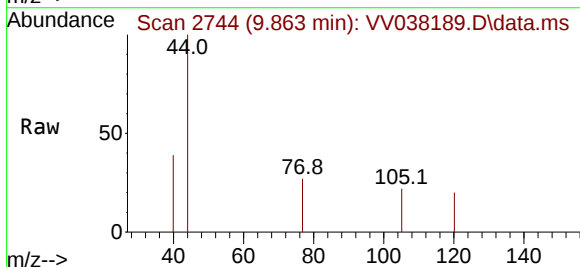
Acq: 19 Nov 2024 20:10

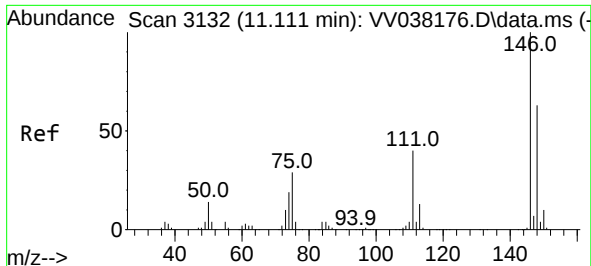
Tgt Ion:105 Resp: 113

Ion Ratio Lower Upper

105 100

120 38.9 37.0 55.4

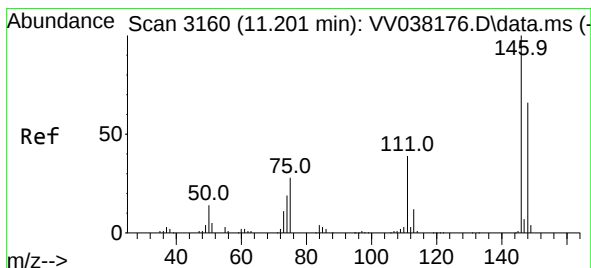
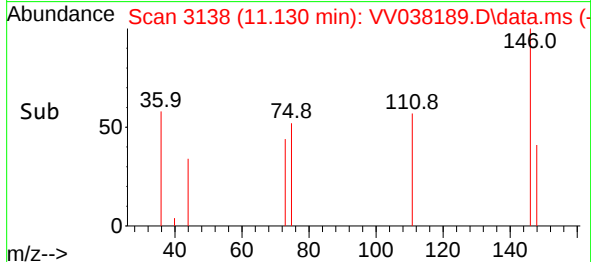
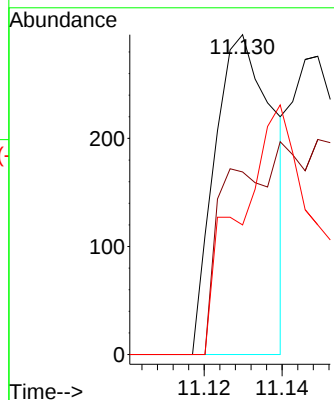
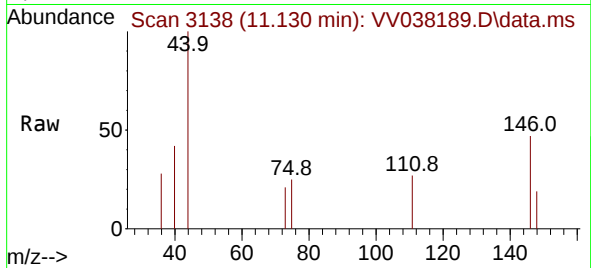




#64
1,3-Dichlorobenzene
Concen: 0.010 ug/L
RT: 11.130 min Scan# 3132
Delta R.T. 0.019 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

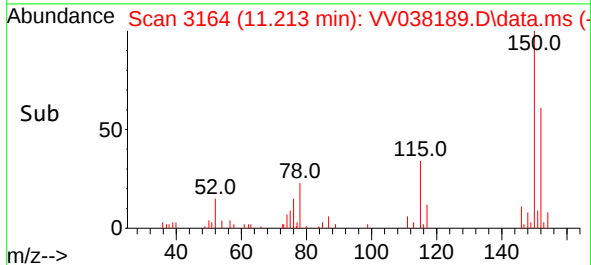
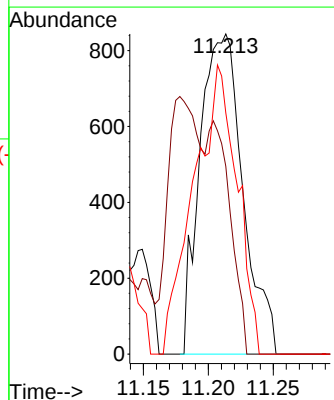
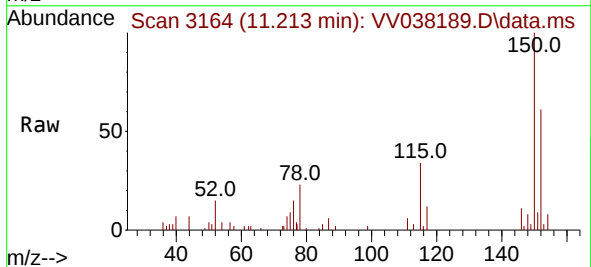
Instrument :
MSVOA_V
ClientSampleId :

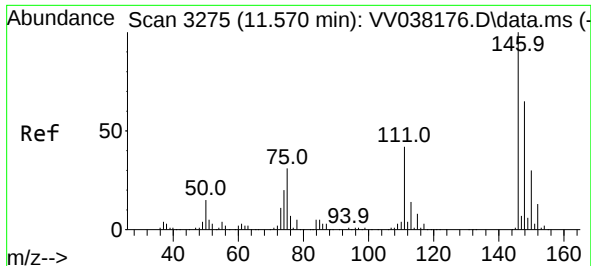
Tgt Ion:146 Resp: 309
Ion Ratio Lower Upper
146 100
111 57.1 28.2 52.4#
148 40.5 44.2 82.2#



#65
1,4-Dichlorobenzene
Concen: 0.060 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.013 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion:146 Resp: 1942
Ion Ratio Lower Upper
146 100
111 58.6 27.4 50.8#
148 75.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.135 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

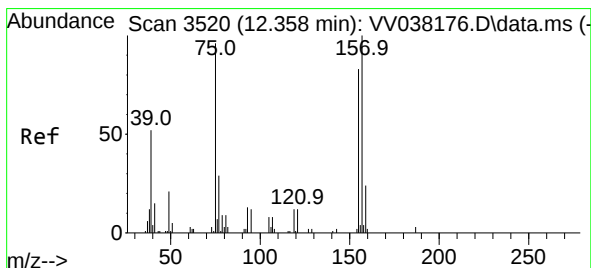
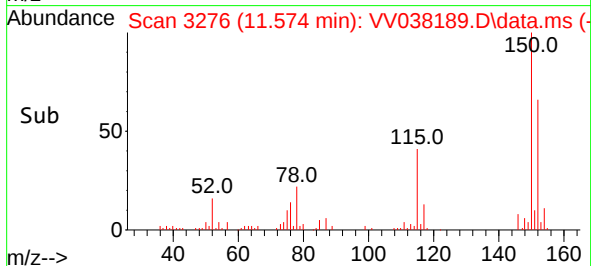
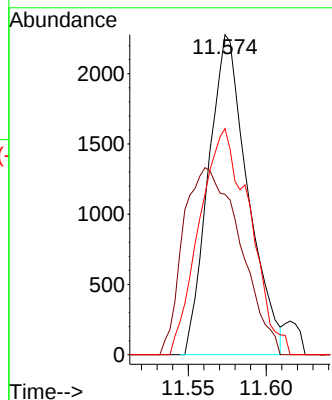
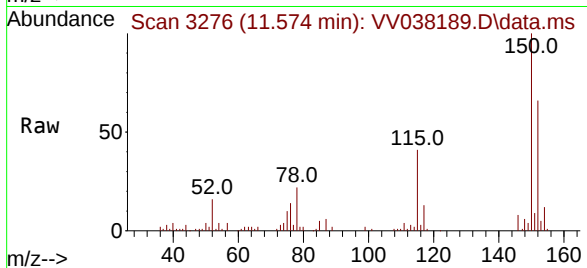
Tgt Ion:146 Resp: 4004

Ion Ratio Lower Upper

146 100

111 50.1 34.2 51.2

148 70.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.083 ug/L

RT: 12.197 min Scan# 3470

Delta R.T. -0.161 min

Lab File: VV038189.D

Acq: 19 Nov 2024 20:10

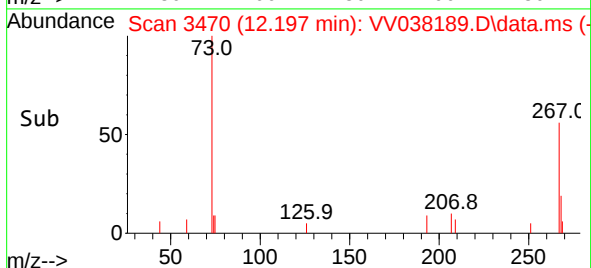
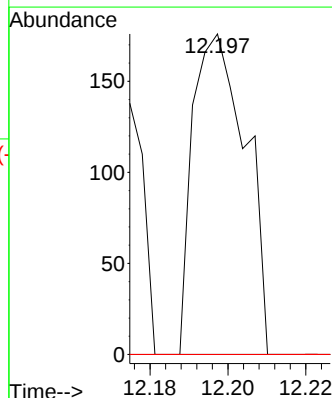
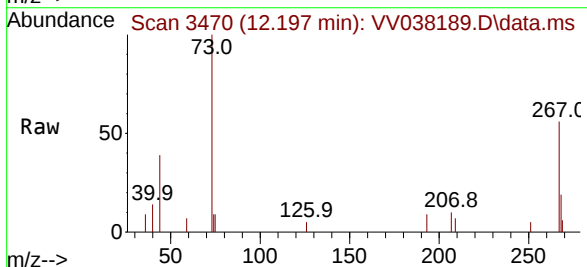
Tgt Ion: 75 Resp: 166

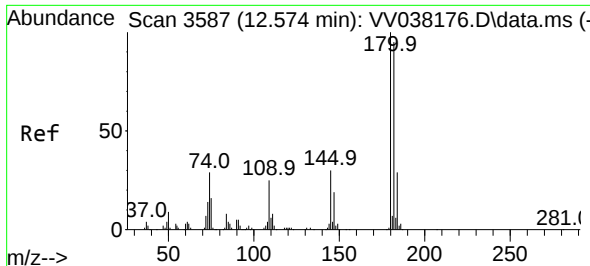
Ion Ratio Lower Upper

75 100

155 0.0 67.5 101.3#

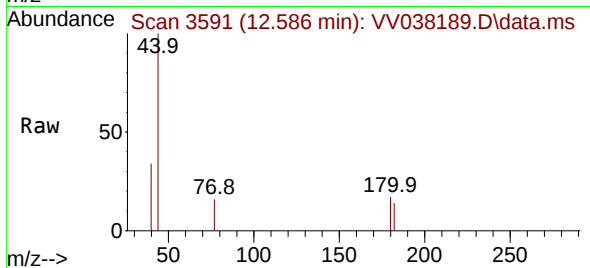
157 0.0 82.7 124.1#



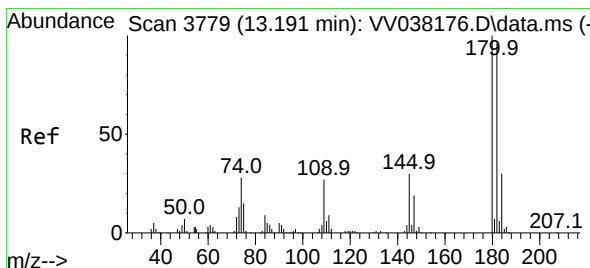
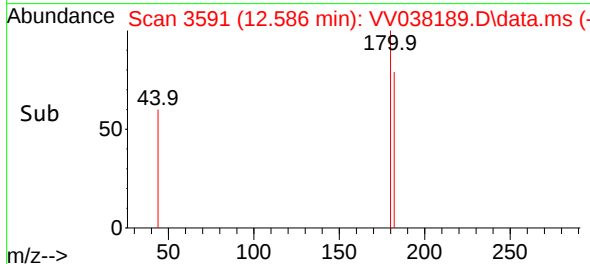
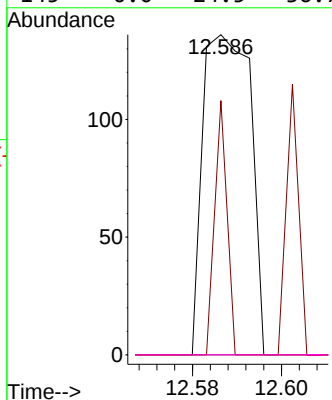


#69
 1,3,5-Trichlorobenzene
 Concen: 0.004 ug/L
 RT: 12.586 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

Instrument :
 MSVOA_V
 ClientSampleId :

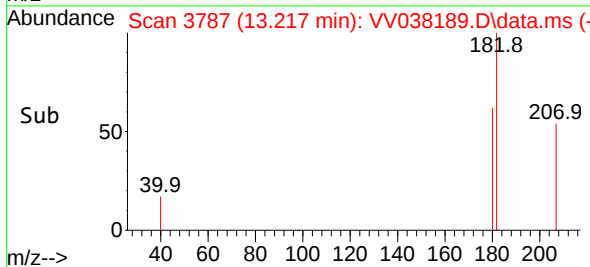
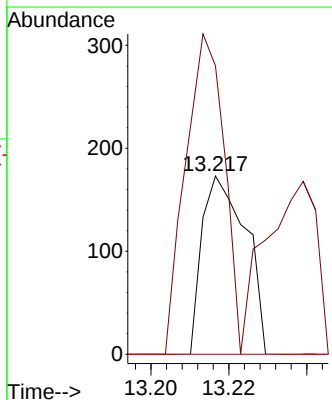
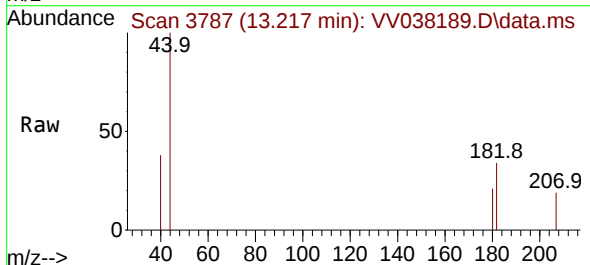


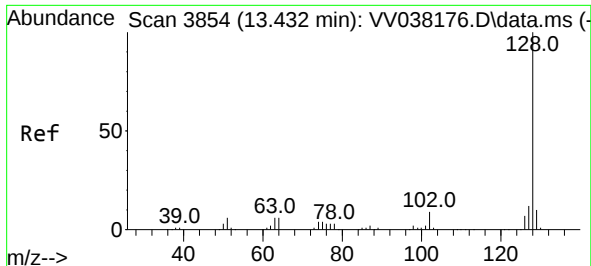
Tgt Ion:180	Resp:	101
Ion Ratio	Lower	Upper
180	100	
182	20.8	76.0 114.0#
184	0.0	23.7 35.5#
145	0.0	24.5 36.7#



#70
 1,2,4-trichlorobenzene
 Concen: 0.007 ug/L
 RT: 13.217 min Scan# 3787
 Delta R.T. 0.026 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

Tgt Ion:180	Resp:	135
Ion Ratio	Lower	Upper
180	100	
182	158.5	73.8 110.8#
145	0.0	24.6 37.0#

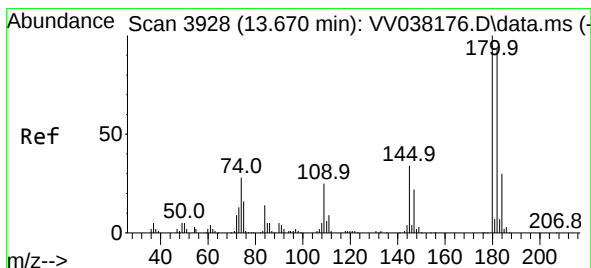
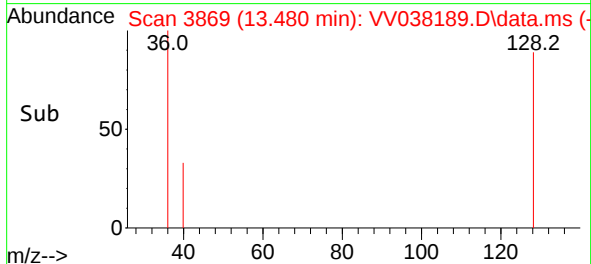
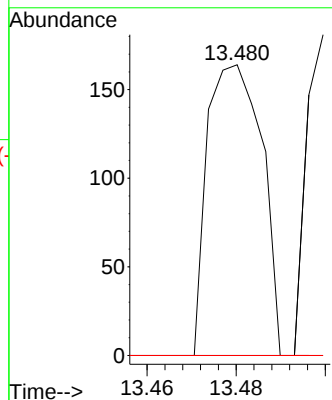
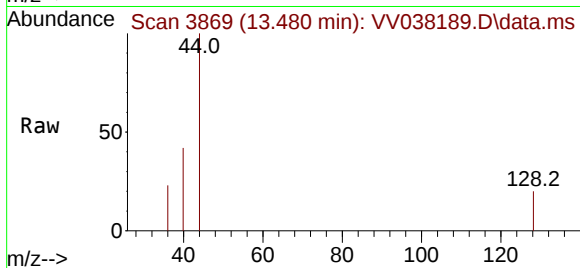




#71
Naphthalene
Concen: 0.005 ug/L
RT: 13.480 min Scan# 3935
Delta R.T. 0.048 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 139
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: 0.006 ug/L
RT: 13.696 min Scan# 3936
Delta R.T. 0.026 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion:180 Resp: 108
Ion Ratio Lower Upper
180 100
182 140.7 75.1 112.7#
145 0.0 27.0 40.4#

