

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038187.D
 Acq On : 19 Nov 2024 19:21
 Operator : SY/MD
 Sample : P4882-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:17:58 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	239077	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	254826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	108926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81884	4.469	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.526	69	75290	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.053	65	36233	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.780	46	204710	55.843	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.680%
24) Chloroform-d	4.243	84	182944	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.937	65	87721	5.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.953	84	323964	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	5.982	67	109957	5.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.240	98	261803	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.555	79	33101	4.393	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.018	63	174598	59.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92337	5.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	108674	5.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	1787	0.079	ug/L	96
3) Chloromethane	1.211	50	892	0.046	ug/L	88
5) Vinyl chloride	1.278	62	842	0.038	ug/L #	1
6) Bromomethane	1.481	94	545	0.063	ug/L	78
8) Chloroethane	1.754	64	337	0.024	ug/L	88
9) Trichlorofluoromethane	1.709	101	1666017	53.042	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	26052	1.453	ug/L	99
12) 1,1-Dichloroethene	2.063	96	16990	0.995	ug/L #	1
13) Acetone	2.108	43	2077	0.766	ug/L	86
14) Carbon disulfide	2.233	76	894	0.016	ug/L #	75
15) Methyl Acetate	2.368	43	137	0.021	ug/L #	47
16) Methylene chloride	2.442	84	29920	1.537	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	61924	1.604	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	3201	0.178	ug/L	77
19) 1,1-Dichloroethane	3.105	63	91486	2.802	ug/L	99
21) 2-Butanone	3.867	43	262	0.067	ug/L	81
22) cis-1,2-Dichloroethene	3.806	96	140060	7.530	ug/L	98
25) Chloroform	4.272	83	25980	0.744	ug/L	98
27) 1,2-Dichloroethane	5.063	62	2888	0.152	ug/L #	75

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

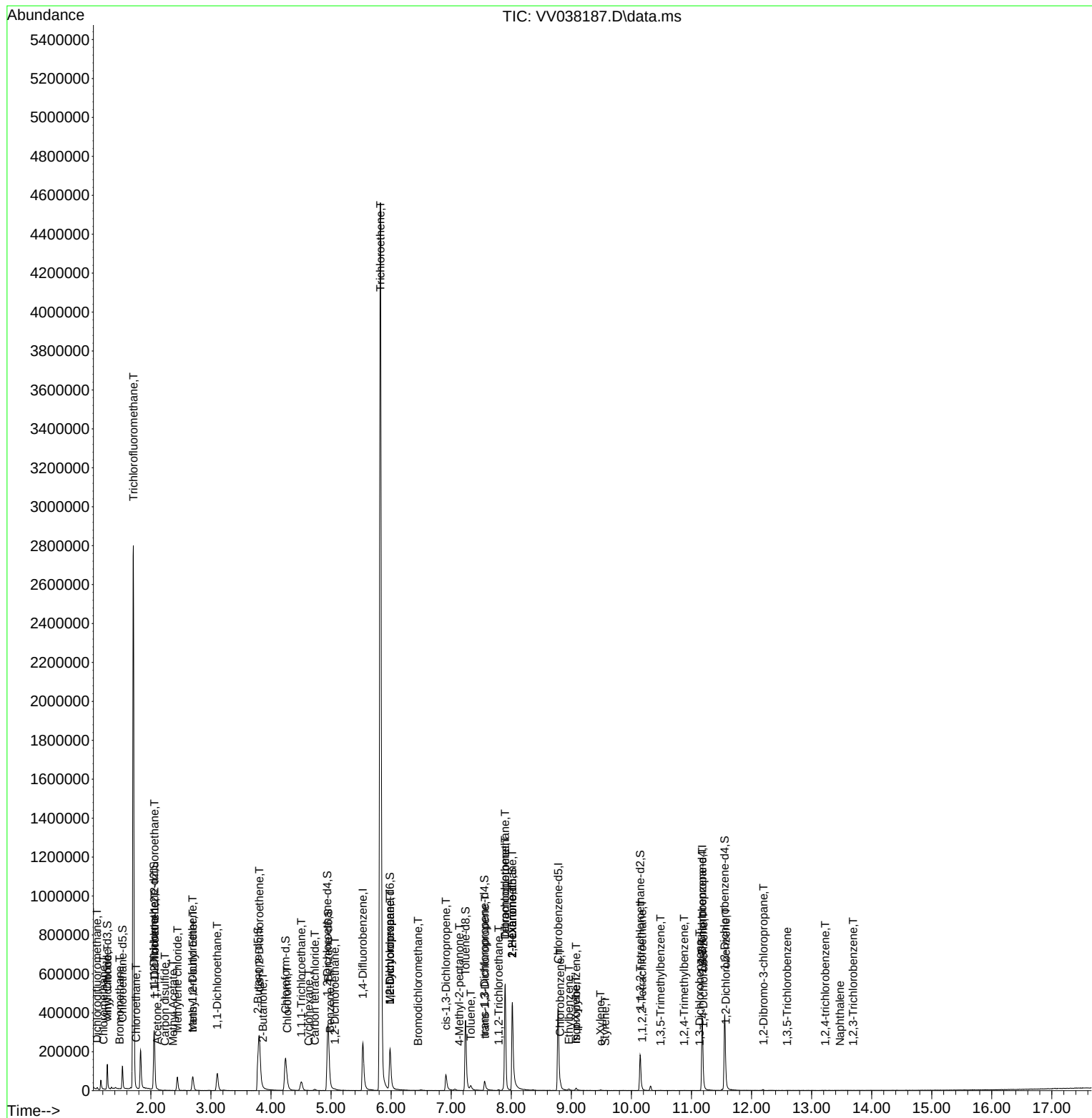
29) 1,1,1-Trichloroethane	4.507	97	39981	1.308	ug/L	98
30) Cyclohexane	4.625	56	20	0.001	ug/L #	1
31) Carbon tetrachloride	4.728	117	4597	0.171	ug/L	91
33) Benzene	4.986	78	636	0.009	ug/L	100
34) Trichloroethene	5.822	95	1648471	84.483	ug/L	99
35) Methylcyclohexane	5.982	83	26969	0.977	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11893	0.663	ug/L #	86
38) Bromodichloromethane	6.452	83	410	0.017	ug/L #	26
39) cis-1,3-Dichloropropene	6.912	75	2317	0.093	ug/L #	59
40) 4-Methyl-2-pentanone	7.137	43	119	0.013	ug/L #	41
42) Toluene	7.326	91	19490	0.257	ug/L	97
44) trans-1,3-Dichloropropene	7.564	75	1332	0.063	ug/L	89
45) 1,1,2-Trichloroethane	7.793	97	1193	0.082	ug/L	82
47) Tetrachloroethene	7.899	164	126761	8.085	ug/L	98
48) 2-Hexanone	8.018	43	18780	2.760	ug/L #	65
49) Dibromochloromethane	7.899	129	115667	7.296	ug/L #	11
50) 1,2-Dibromoethane	8.018	107	201	0.015	ug/L #	5
51) Chlorobenzene	8.815	112	16258	0.311	ug/L	98
52) Ethylbenzene	8.960	91	6187	0.077	ug/L	83
53) m,p-Xylene	9.079	106	3989	0.131	ug/L	95
54) o-Xylene	9.484	106	1207	0.041	ug/L #	36
55) Styrene	9.564	104	103	0.002	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.178	83	4112	0.242	ug/L	98
60) Isopropylbenzene	9.082	105	2079	0.033	ug/L #	39
61) 1,2,3-Trichloropropane	11.182	75	12468	1.337	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.484	105	260	0.005	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.876	105	281	0.006	ug/L	89
64) 1,3-Dichlorobenzene	11.136	146	271	0.008	ug/L #	47
65) 1,4-Dichlorobenzene	11.201	146	520	0.015	ug/L #	44
67) 1,2-Dichlorobenzene	11.574	146	4674	0.150	ug/L #	81
68) 1,2-Dibromo-3-chloropr...	12.201	75	94	0.045	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.593	180	104	0.004	ug/L #	60
70) 1,2,4-trichlorobenzene	13.226	180	329	0.017	ug/L #	32
71) Naphthalene	13.474	128	444	0.014	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.693	180	113	0.006	ug/L #	18

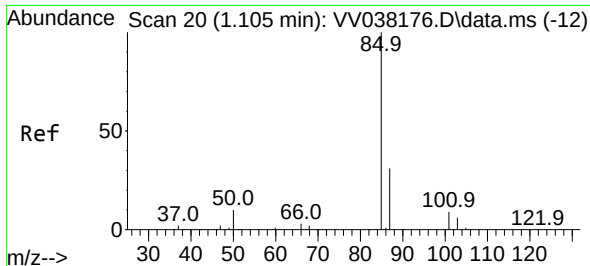
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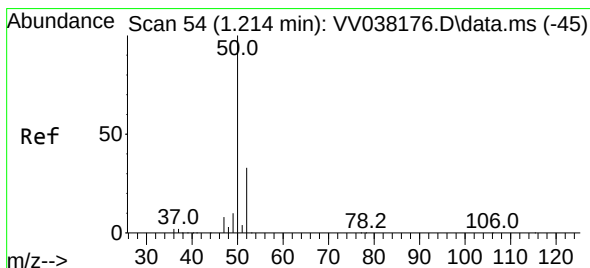
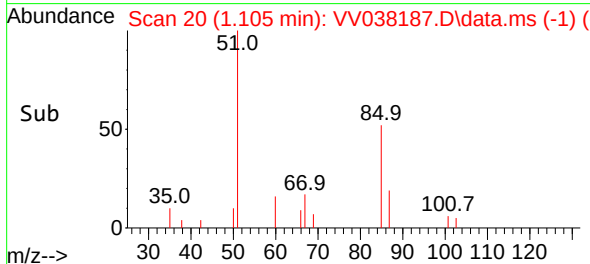
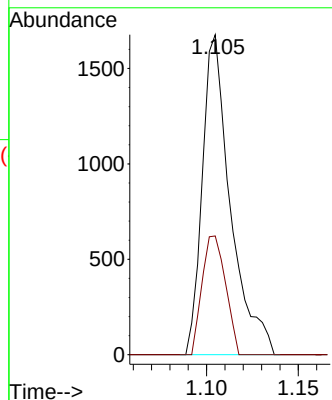
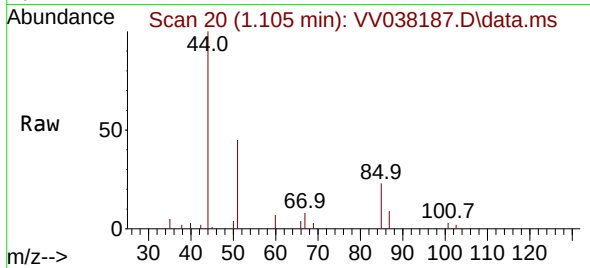




#2
Dichlorodifluoromethane
Concen: 0.079 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

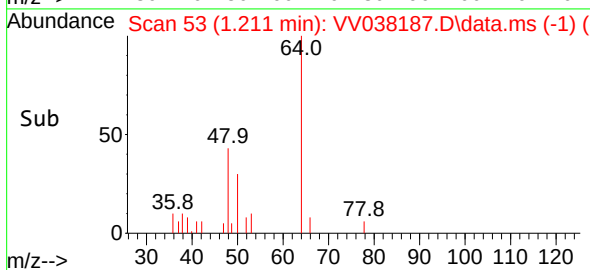
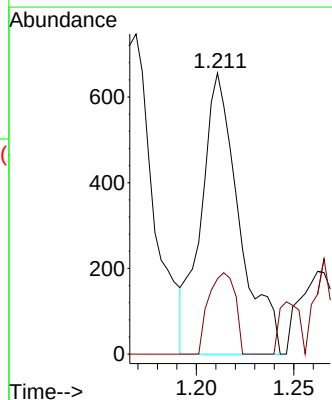
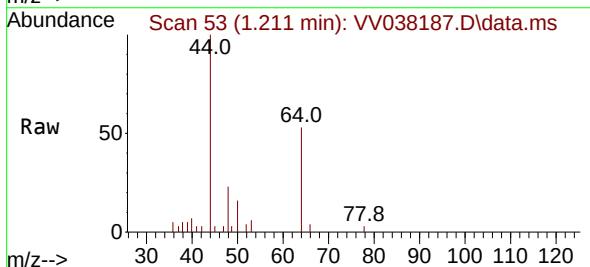
Instrument :
MSVOA_V
ClientSampleId :

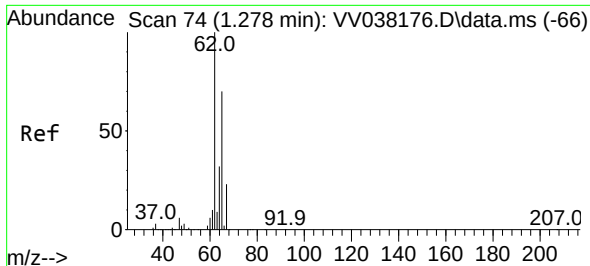
Tgt Ion: 85 Resp: 1787
Ion Ratio Lower Upper
85 100
87 30.9 26.5 39.7



#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.003 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

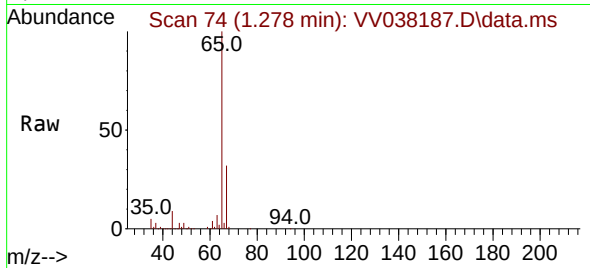
Tgt Ion: 50 Resp: 892
Ion Ratio Lower Upper
50 100
52 26.8 23.5 43.7



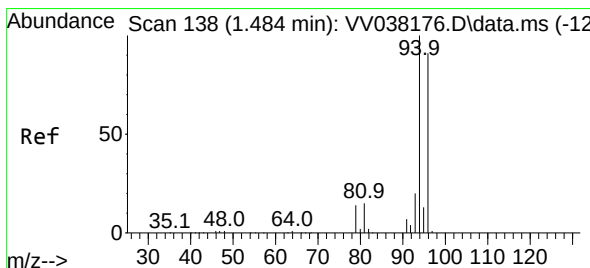
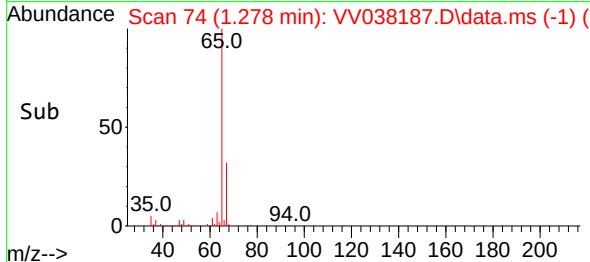
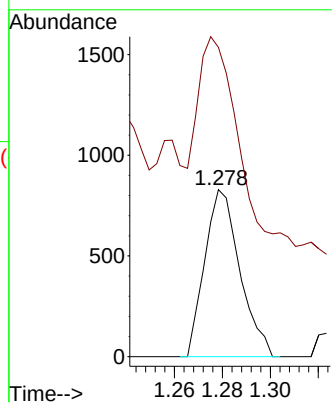


#5
 Vinyl chloride
 Concen: 0.038 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21

Instrument :
 MSVOA_V
 ClientSampleId :

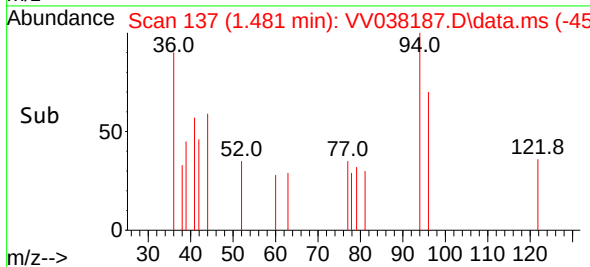
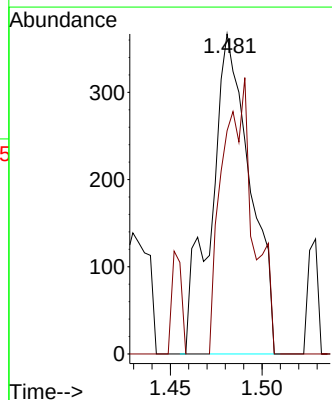
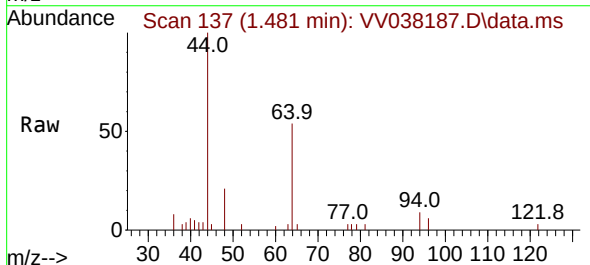


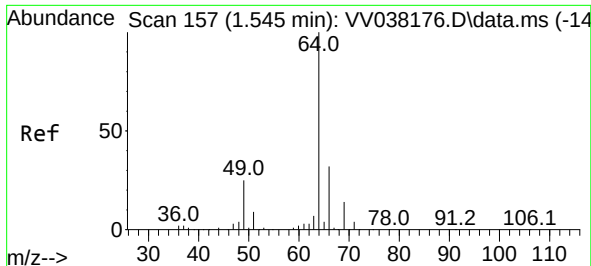
Tgt Ion: 62 Resp: 842
 Ion Ratio Lower Upper
 62 100
 64 185.3 24.4 45.4#



#6
 Bromomethane
 Concen: 0.063 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21

Tgt Ion: 94 Resp: 545
 Ion Ratio Lower Upper
 94 100
 96 69.8 63.7 118.3





#8

Chloroethane

Concen: 0.024 ug/L

RT: 1.754 min Scan# 21

Delta R.T. 0.209 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

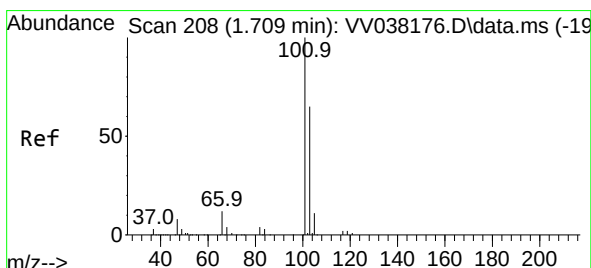
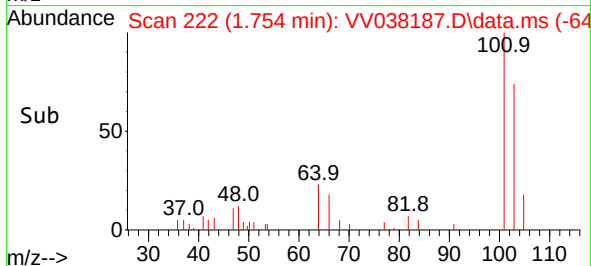
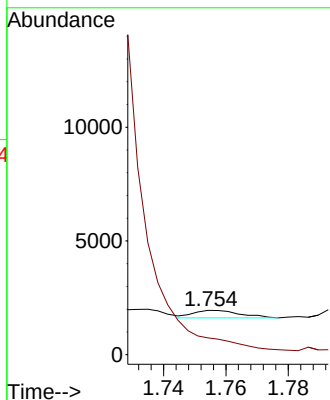
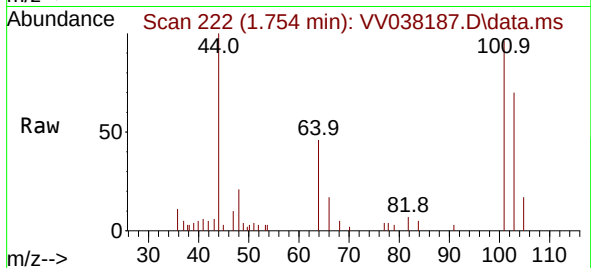
ClientSampleId :

Tgt Ion: 64 Resp: 337

Ion Ratio Lower Upper

64 100

66 38.0 22.0 40.8



#9

Trichlorofluoromethane

Concen: 53.042 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV038187.D

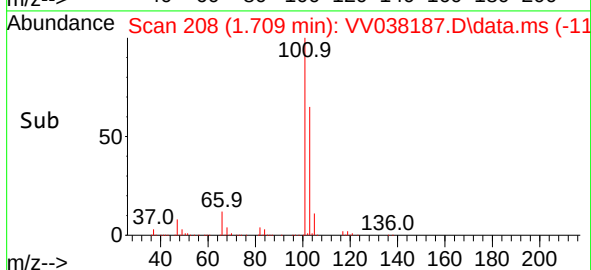
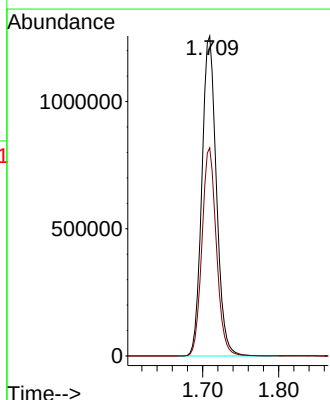
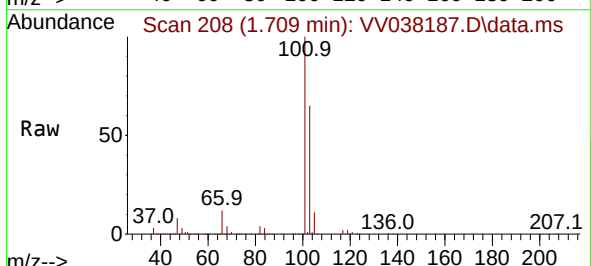
Acq: 19 Nov 2024 19:21

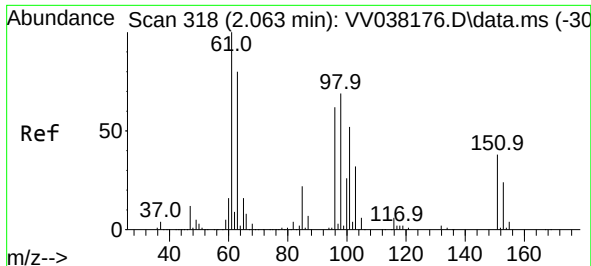
Tgt Ion:101 Resp: 1666017

Ion Ratio Lower Upper

101 100

103 64.8 51.5 77.3

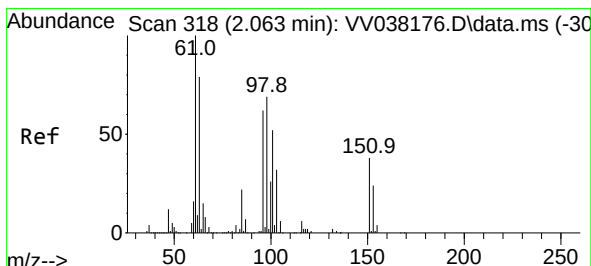
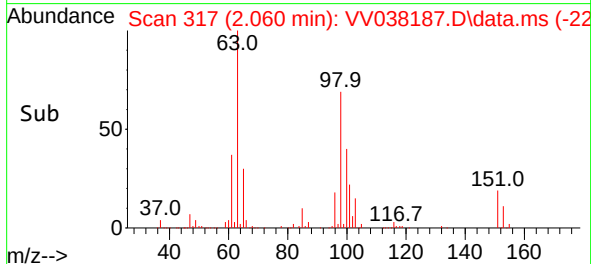
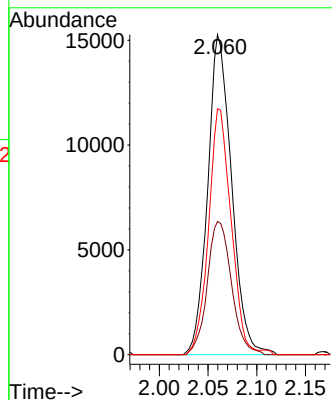
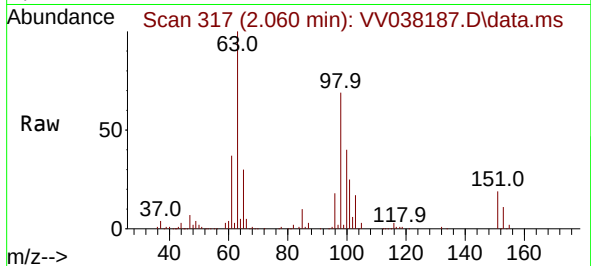




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.453 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

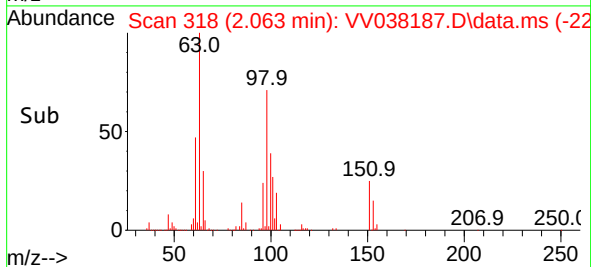
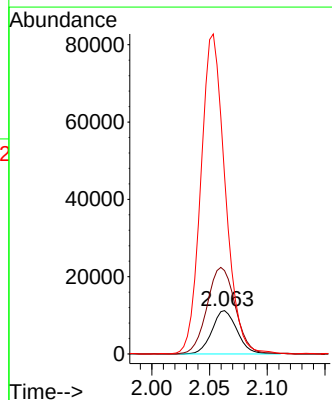
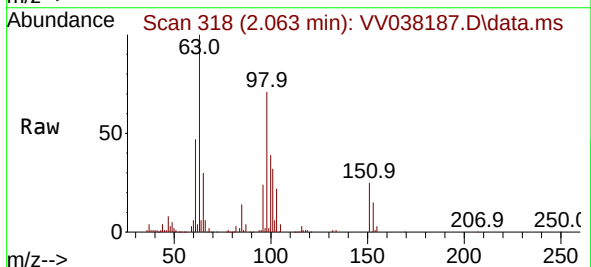
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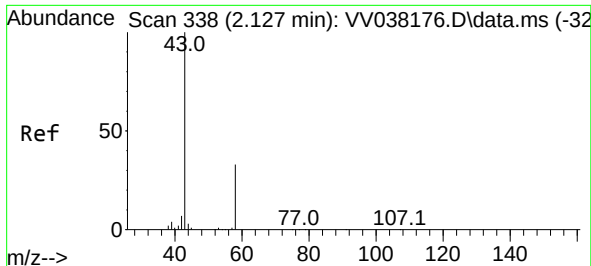
Tgt Ion:101 Resp: 26052
Ion Ratio Lower Upper
101 100
85 42.1 33.4 50.0
151 72.9 58.8 88.2



#12
1,1-Dichloroethene
Concen: 0.995 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038187.D
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Tgt Ion: 96 Resp: 16990
Ion Ratio Lower Upper
96 100
61 192.6 115.7 214.9
63 412.1 101.1 187.7#

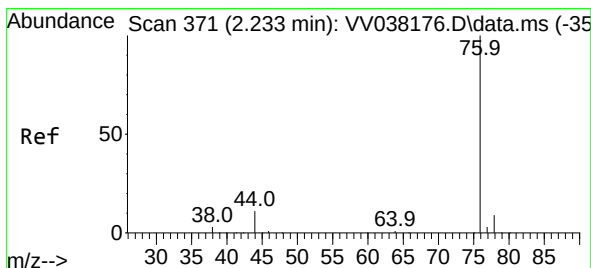
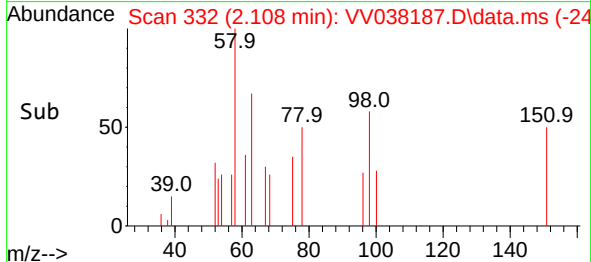
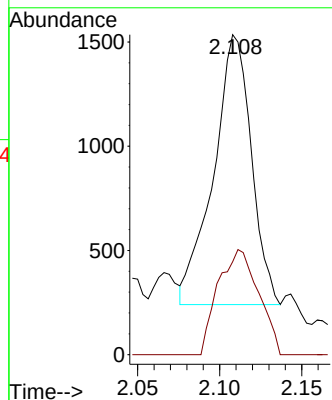
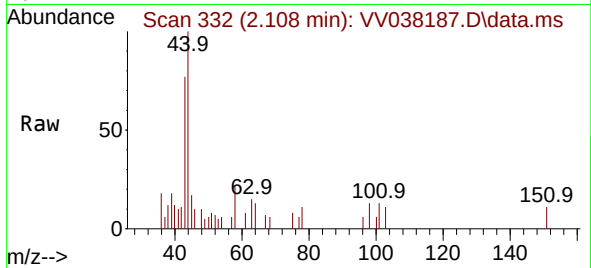




#13
Acetone
Concen: 0.766 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.019 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

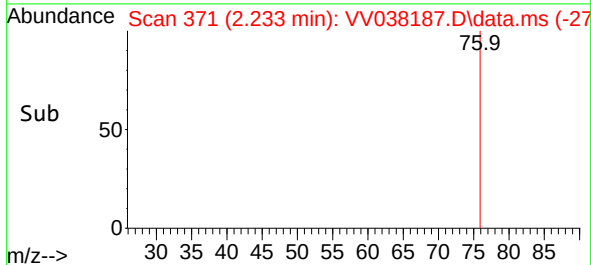
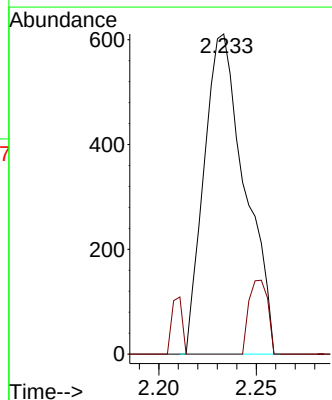
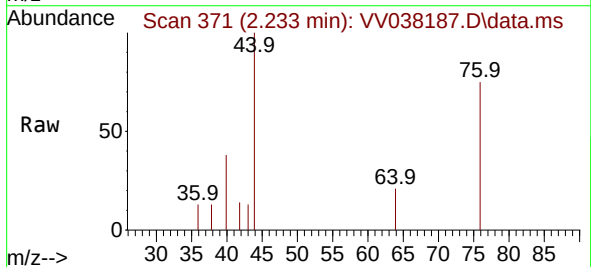
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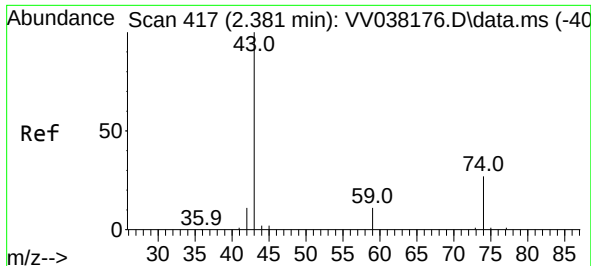
Tgt Ion: 43 Resp: 2077
Ion Ratio Lower Upper
43 100
58 41.6 0.0 67.2



#14
Carbon disulfide
Concen: 0.016 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
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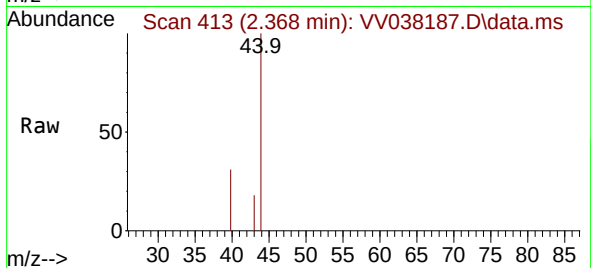
Tgt Ion: 76 Resp: 894
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



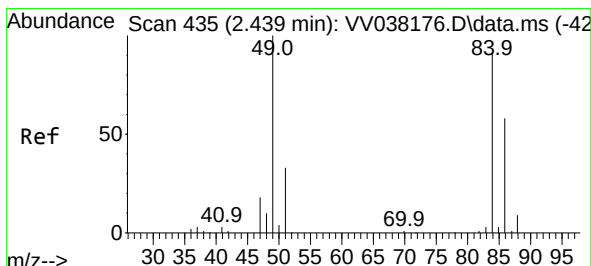
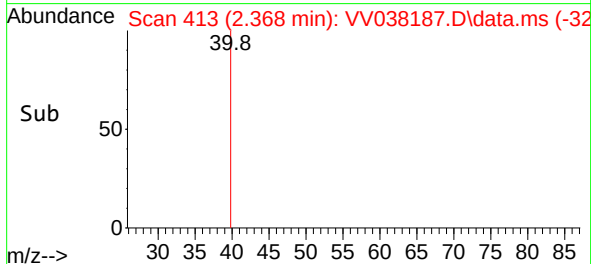
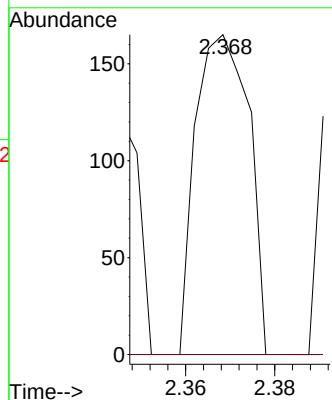


#15
Methyl Acetate
Concen: 0.021 ug/L
RT: 2.368 min Scan# 417
Delta R.T. -0.013 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Instrument :
MSVOA_V
ClientSampleId :

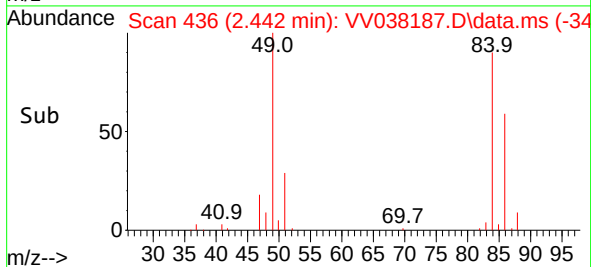
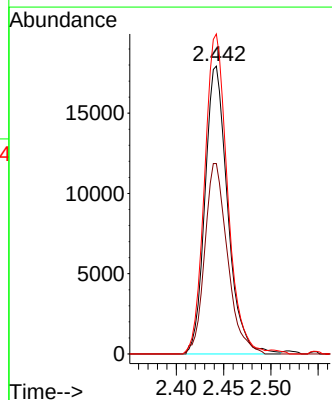
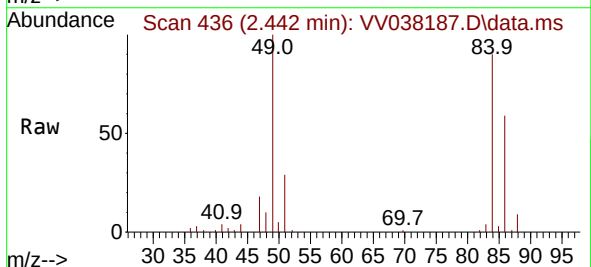


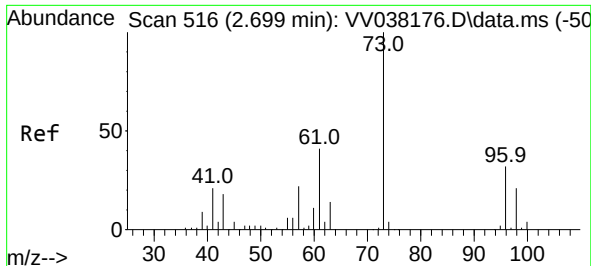
Tgt Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 1.537 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion: 84 Resp: 29920
Ion Ratio Lower Upper
84 100
86 66.1 44.2 82.2
49 111.2 74.9 139.1

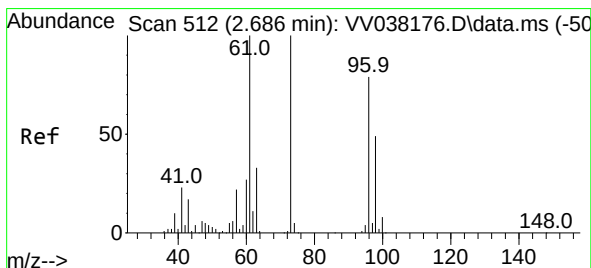
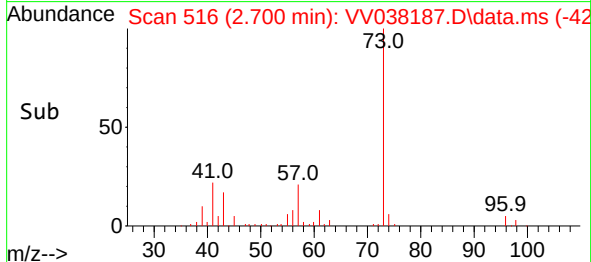
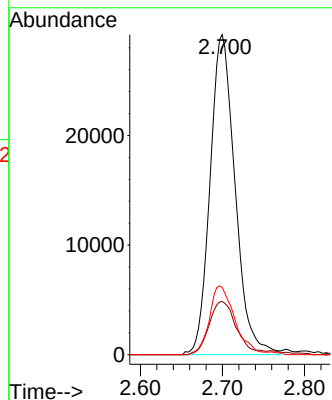
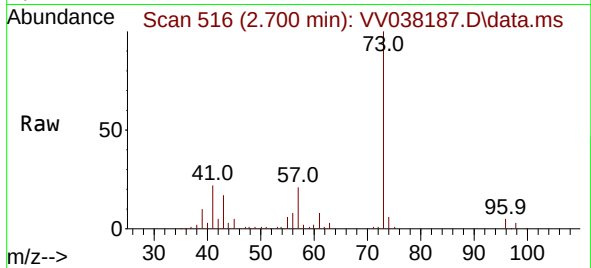




#17
Methyl tert-butyl Ether
Concen: 1.604 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

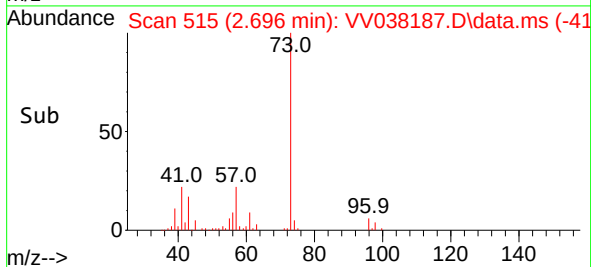
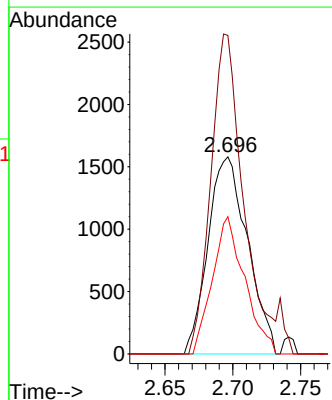
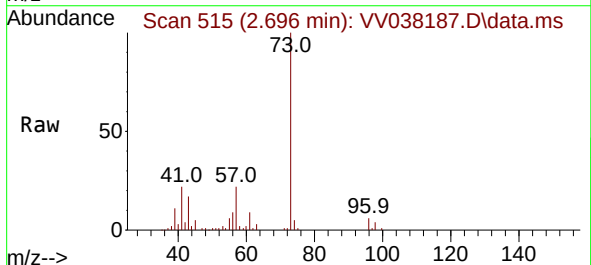
Instrument :
MSVOA_V
ClientSampleId :

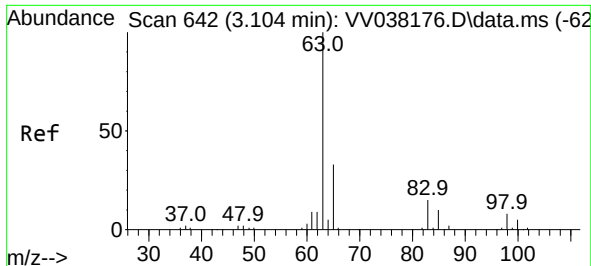
Tgt Ion: 73 Resp: 61924
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.2
57 21.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.010 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion: 96 Resp: 3201
Ion Ratio Lower Upper
96 100
61 161.6 88.5 164.4
98 69.7 43.9 81.5

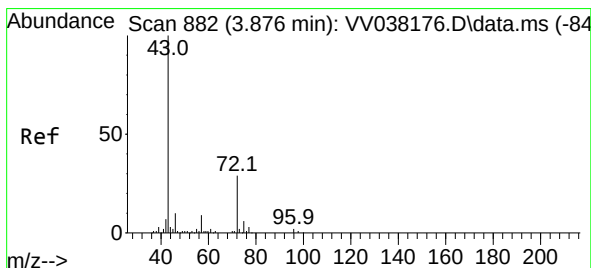
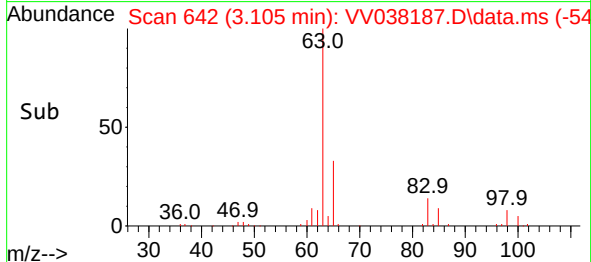
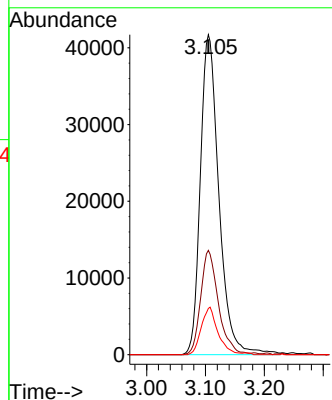
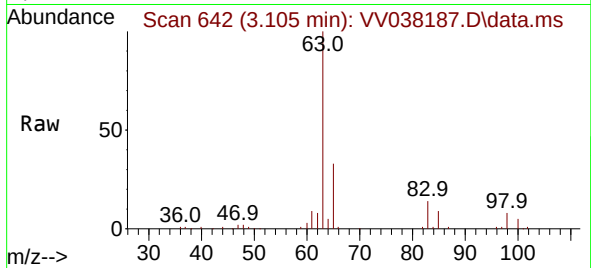




#19
1,1-Dichloroethane
Concen: 2.802 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

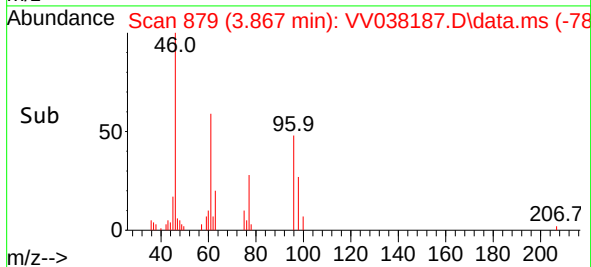
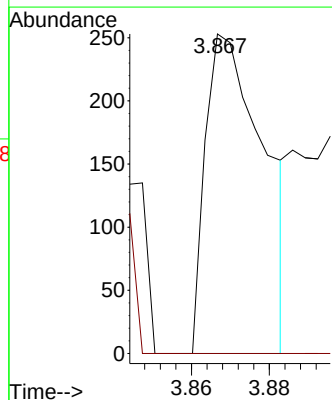
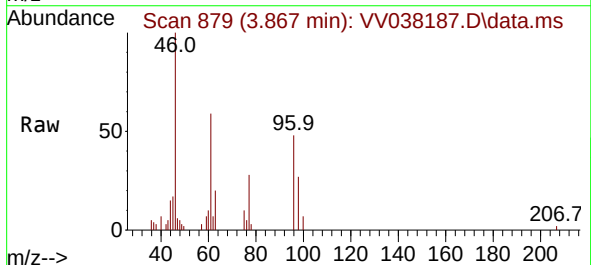
Instrument :
MSVOA_V
ClientSampleId :

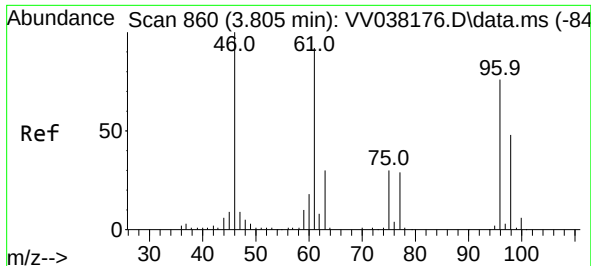
Tgt Ion: 63 Resp: 91486
Ion Ratio Lower Upper
63 100
65 32.6 22.5 41.7
83 14.5 10.1 18.9



#21
2-Butanone
Concen: 0.067 ug/L
RT: 3.867 min Scan# 879
Delta R.T. -0.009 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
72 16.4 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 7.530 ug/L

RT: 3.806 min Scan# 80

Delta R.T. 0.000 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

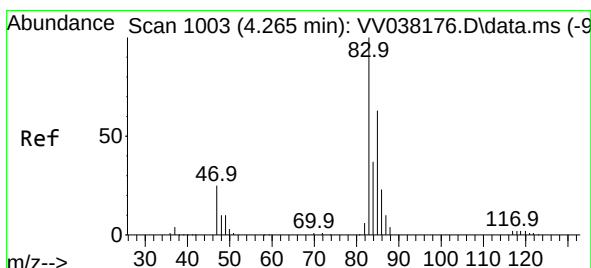
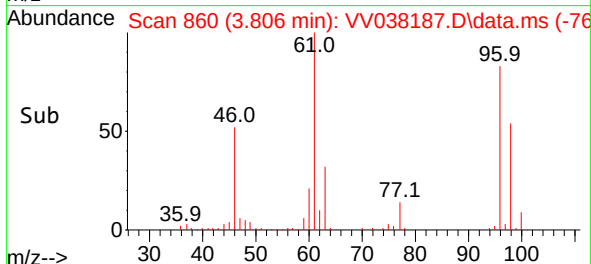
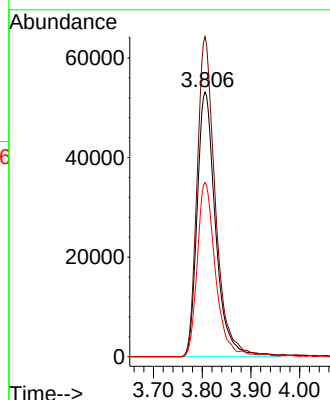
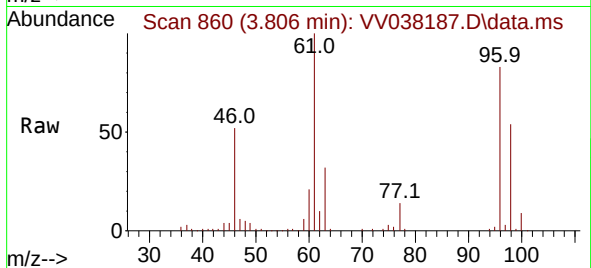
Tgt Ion: 96 Resp: 140060

Ion Ratio Lower Upper

96 100

61 121.0 82.7 153.5

98 65.9 46.3 85.9



#25

Chloroform

Concen: 0.744 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.007 min

Lab File: VV038187.D

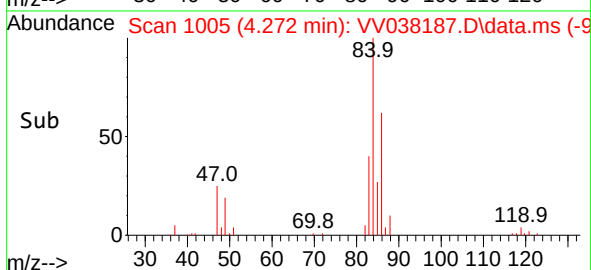
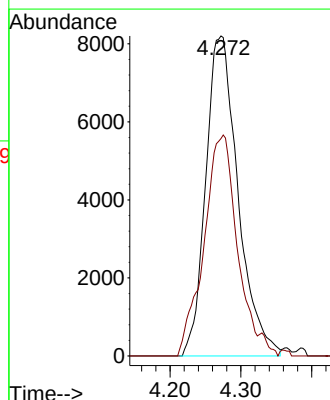
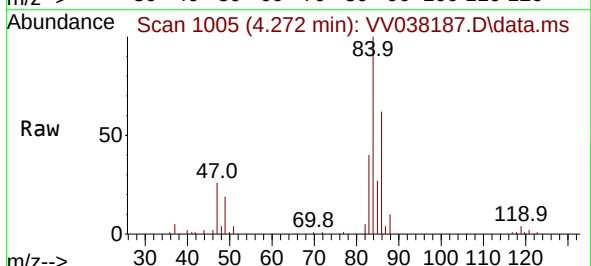
Acq: 19 Nov 2024 19:21

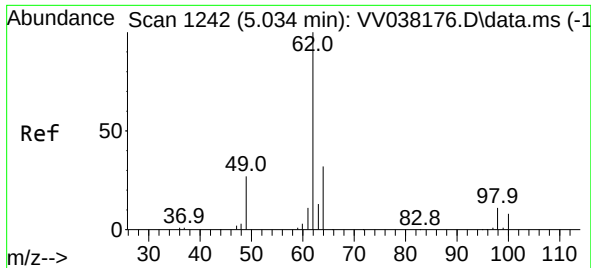
Tgt Ion: 83 Resp: 25980

Ion Ratio Lower Upper

83 100

85 67.9 46.5 86.3

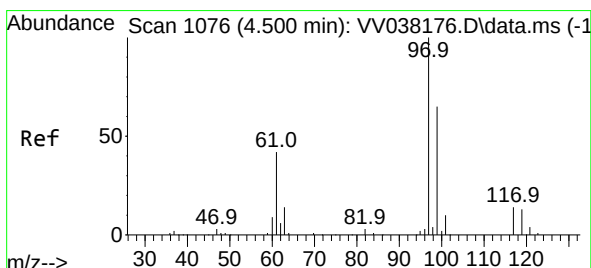
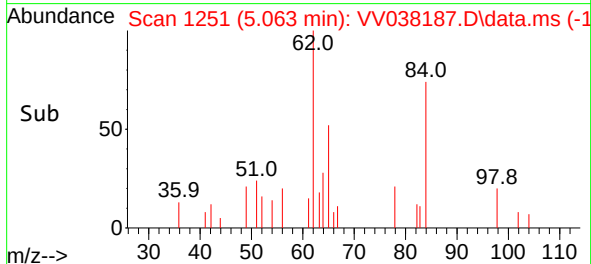
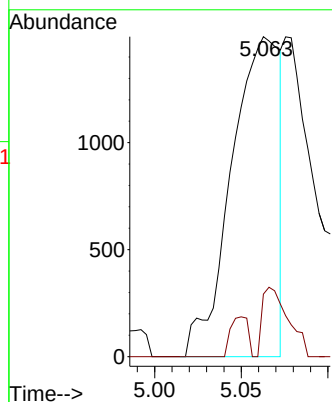
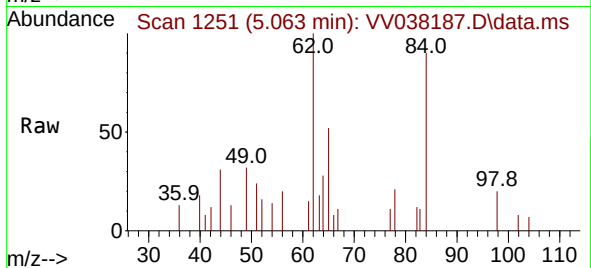




#27
1,2-Dichloroethane
Concen: 0.152 ug/L
RT: 5.063 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

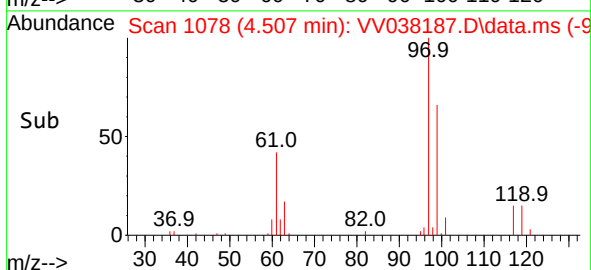
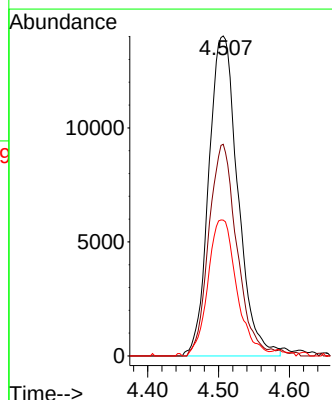
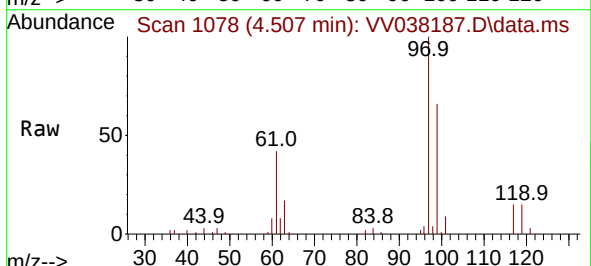
Instrument :
MSVOA_V
ClientSampleId :

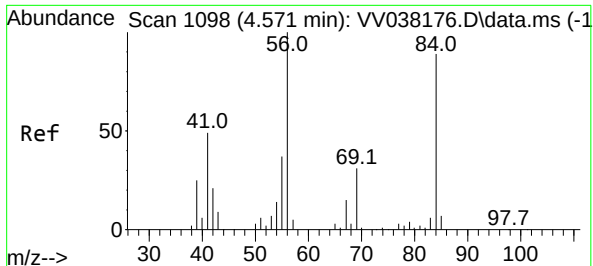
Tgt Ion: 62 Resp: 2888
Ion Ratio Lower Upper
62 100
98 19.5 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 1.308 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

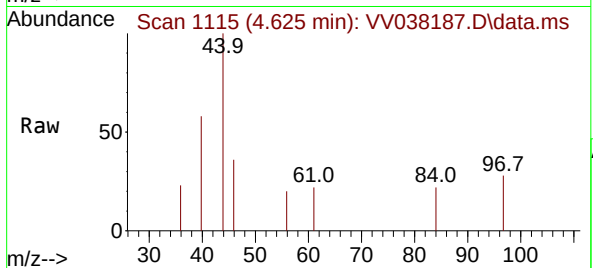
Tgt Ion: 97 Resp: 39981
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 42.0 32.2 48.2



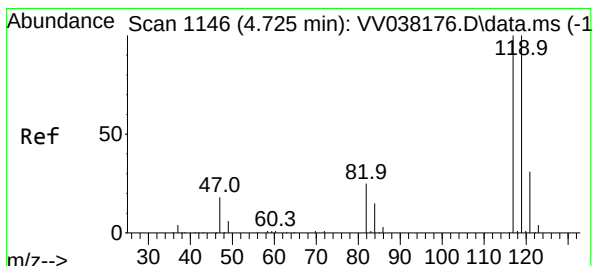
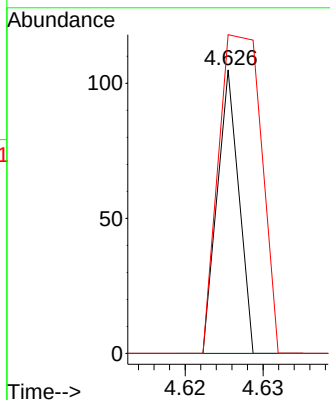
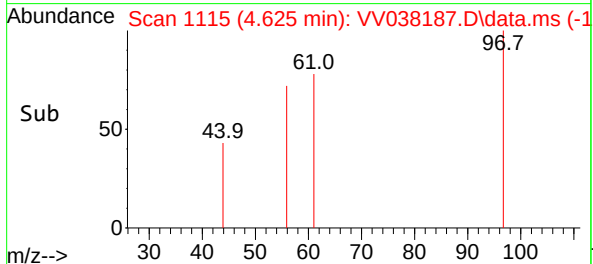


#30
Cyclohexane
Concen: 0.001 ug/L
RT: 4.625 min Scan# 1115
Delta R.T. 0.055 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Instrument :
MSVOA_V
ClientSampleId :

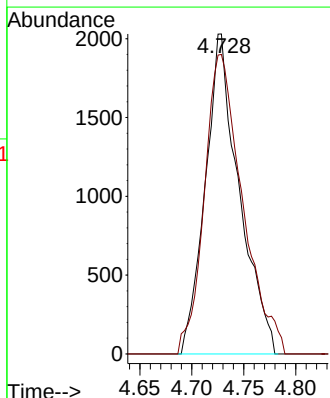
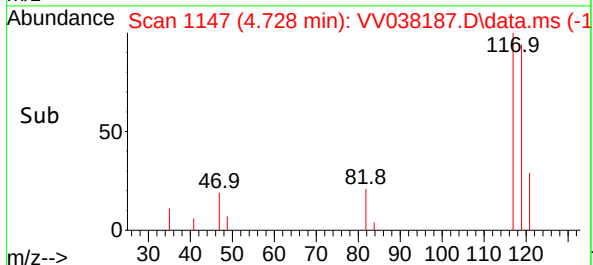
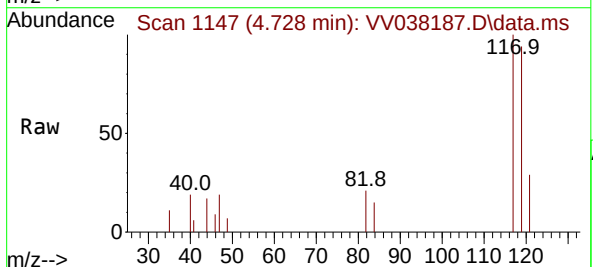


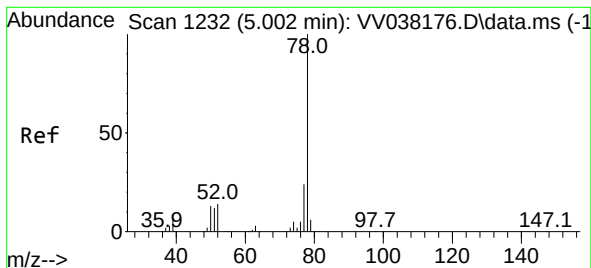
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
69 95.0 26.0 39.0#
84 0.0 75.6 113.4#



#31
Carbon tetrachloride
Concen: 0.171 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion: 117 Resp: 4597
Ion Ratio Lower Upper
117 100
119 105.5 77.4 116.2





#33

Benzene

Concen: 0.009 ug/L

RT: 4.986 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV038187.D

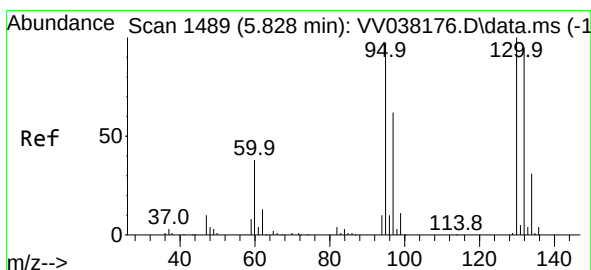
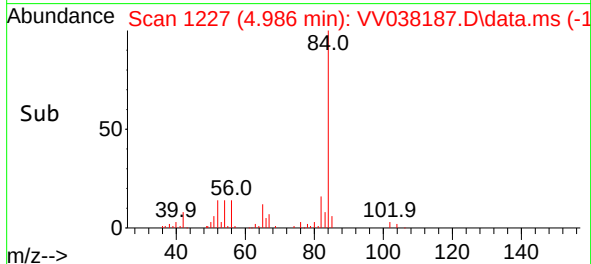
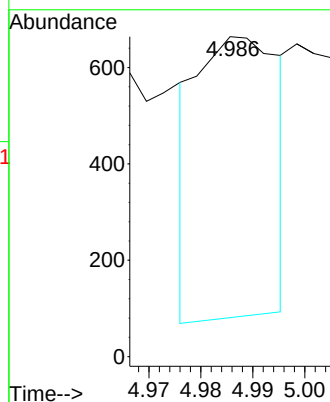
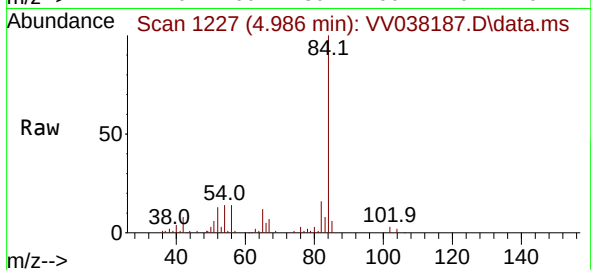
Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 636



#34

Trichloroethene

Concen: 84.483 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.006 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Tgt Ion: 95 Resp: 1648471

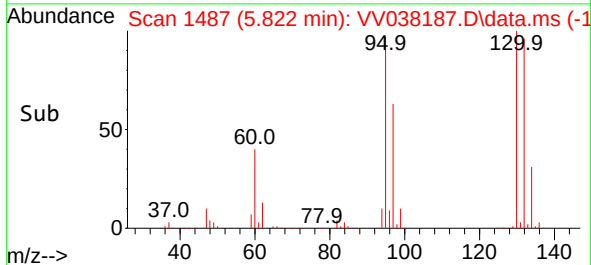
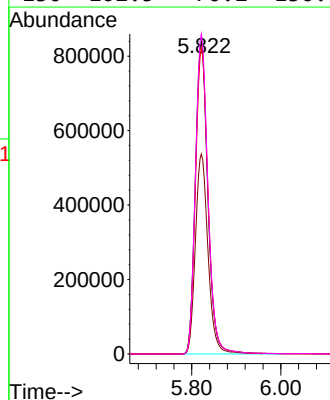
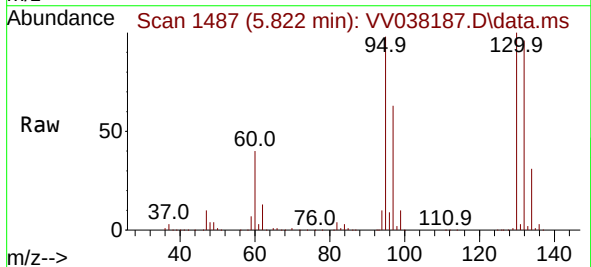
Ion Ratio Lower Upper

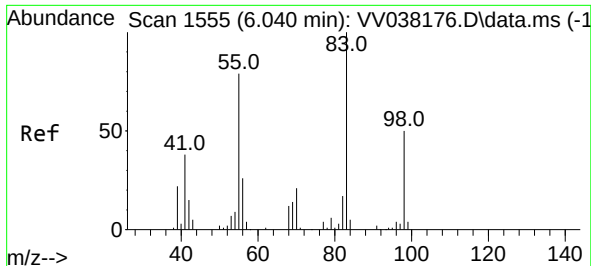
95 100

97 64.0 44.8 83.2

132 97.9 68.3 126.8

130 102.5 70.2 130.4

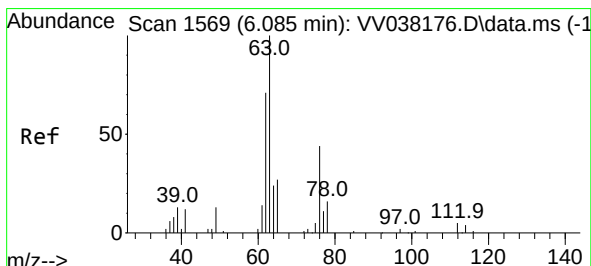
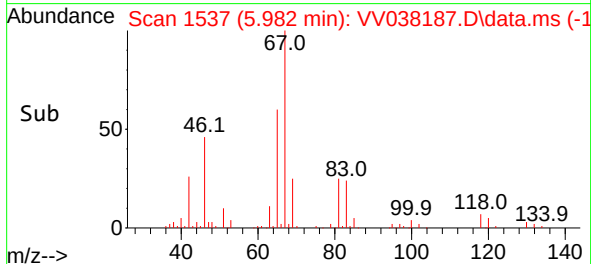
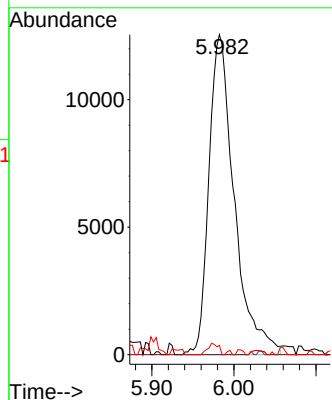
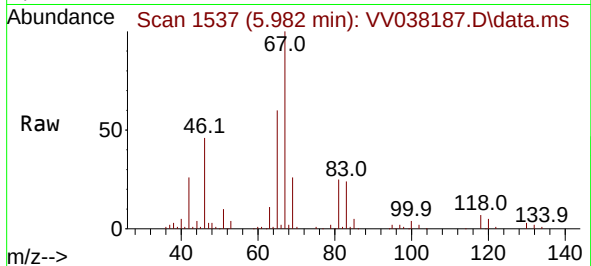




#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

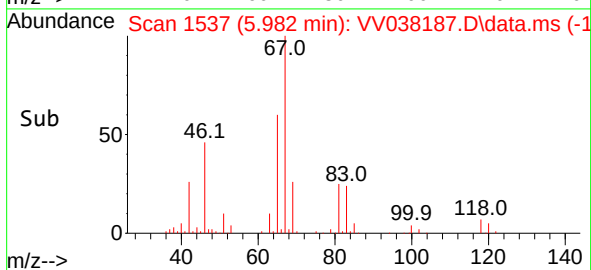
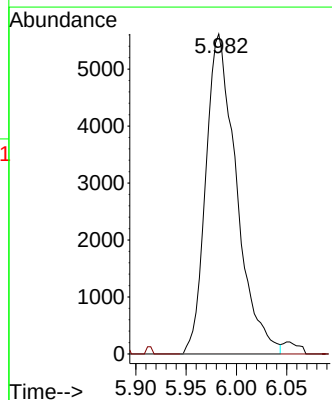
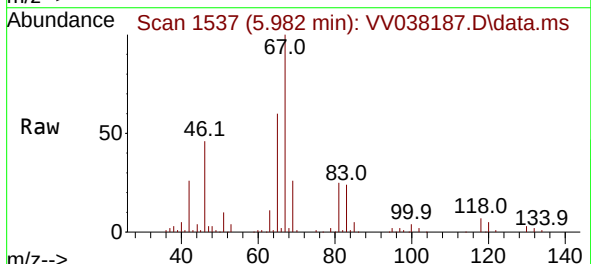
Instrument :
MSVOA_V
ClientSampleId :

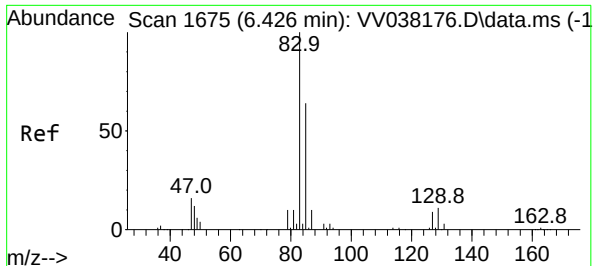
Tgt Ion: 83 Resp: 26969
Ion Ratio Lower Upper
83 100
55 0.6 59.7 89.5#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

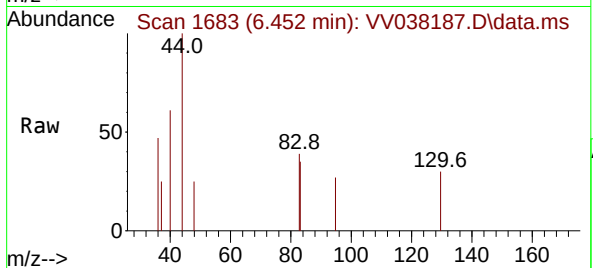
Tgt Ion: 63 Resp: 11893
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#



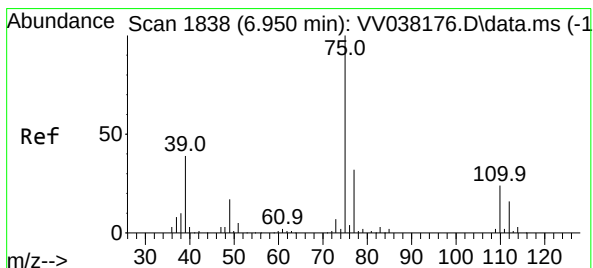
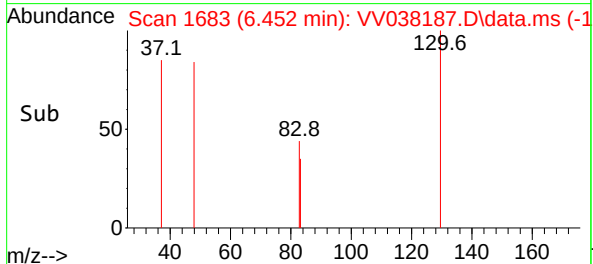
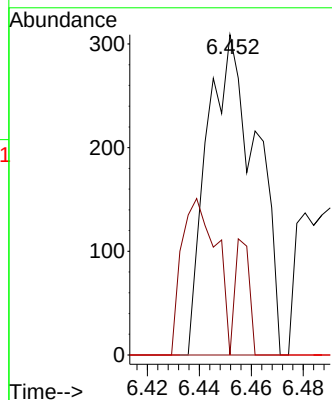


#38
Bromodichloromethane
Concen: 0.017 ug/L
RT: 6.452 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Instrument :
MSVOA_V
ClientSampleId :

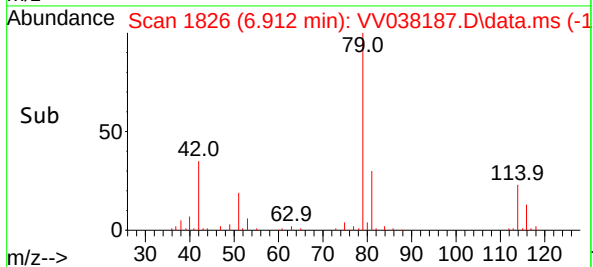
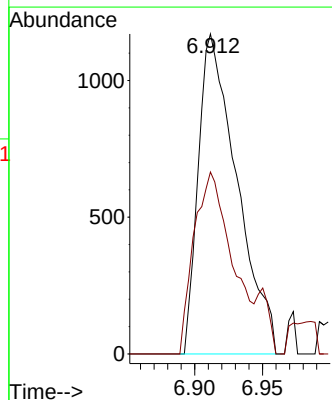
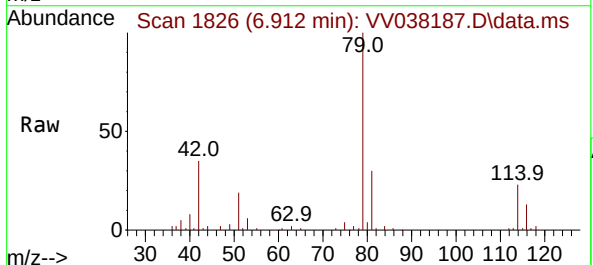


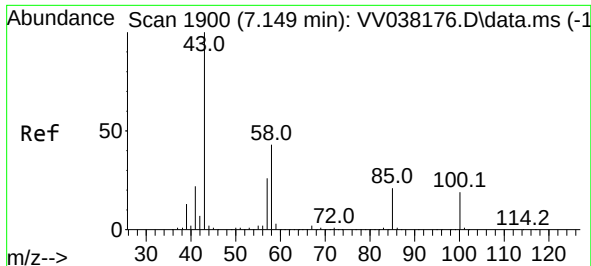
Tgt Ion: 83 Resp: 410
Ion Ratio Lower Upper
83 100
85 0.0 43.9 81.5#
127 0.0 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 6.912 min Scan# 1826
Delta R.T. -0.038 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion: 75 Resp: 2317
Ion Ratio Lower Upper
75 100
77 56.8 23.4 43.6#





#40

4-Methyl-2-pentanone

Concen: 0.013 ug/L

RT: 7.137 min Scan# 119

Delta R.T. -0.013 min

Lab File: VV038187.D

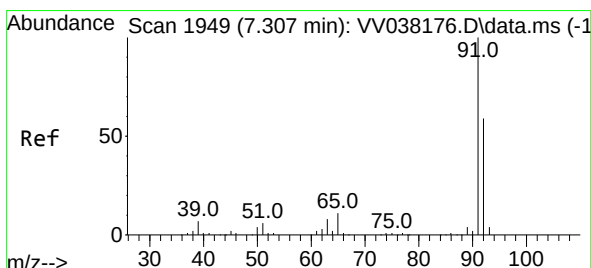
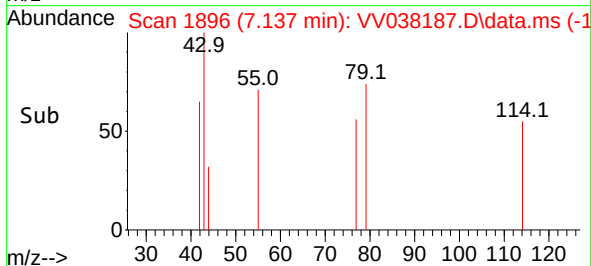
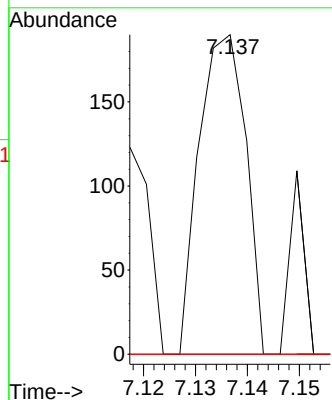
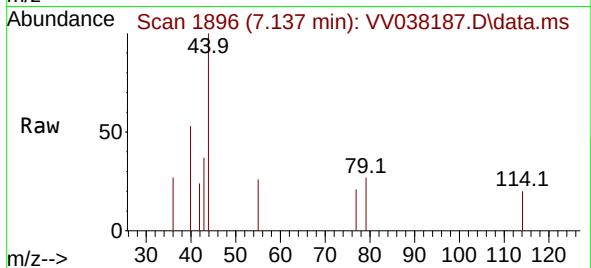
Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43	Resp:	119
Ion	Ratio	Lower Upper
43	100	
58	0.0	33.4 50.2#
100	0.0	14.3 21.5#



#42

Toluene

Concen: 0.257 ug/L

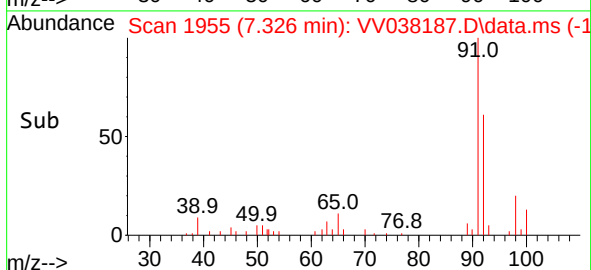
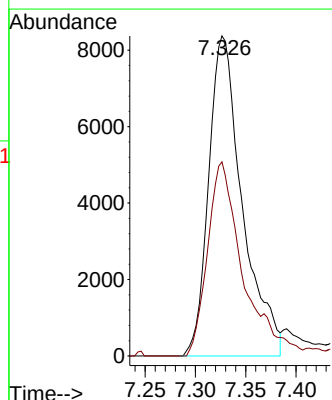
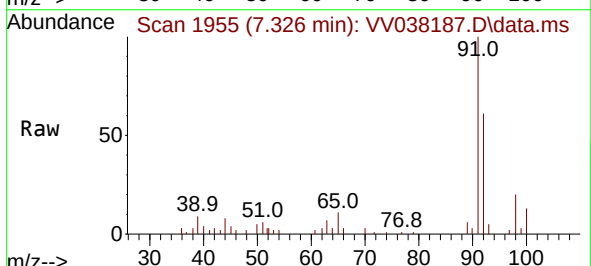
RT: 7.326 min Scan# 1955

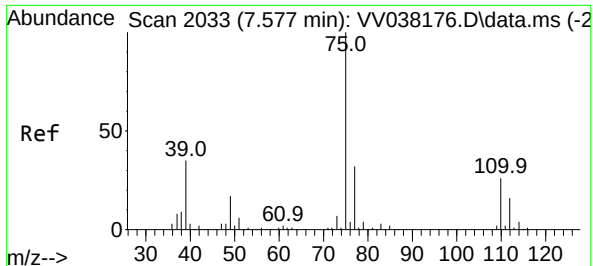
Delta R.T. 0.019 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Tgt Ion: 91	Resp:	19490
Ion	Ratio	Lower Upper
91	100	
92	60.7	40.8 75.8

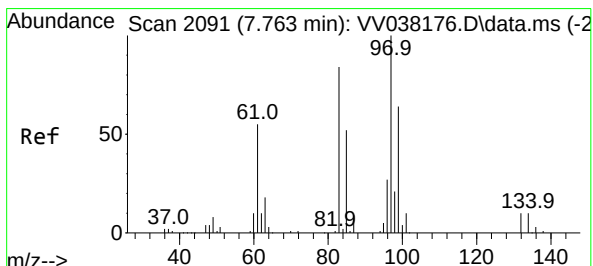
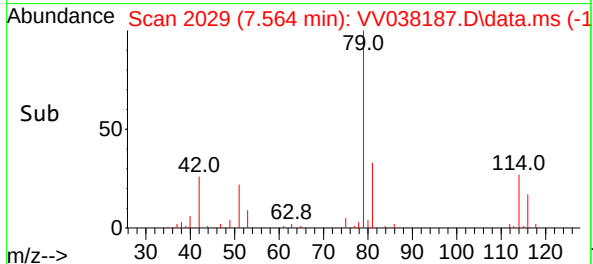
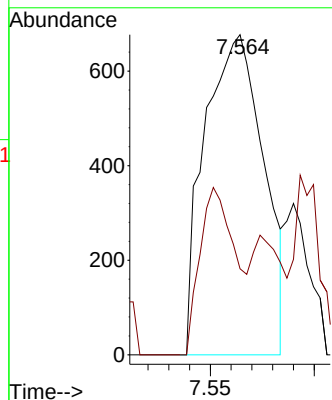
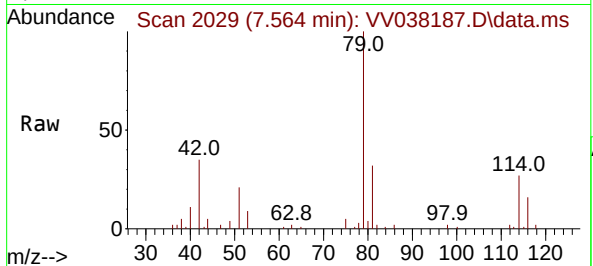




#44
trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 7.564 min Scan# 2100
Delta R.T. -0.013 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

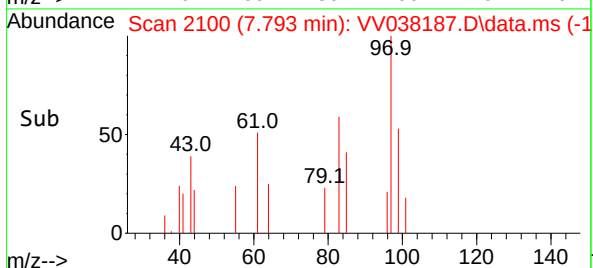
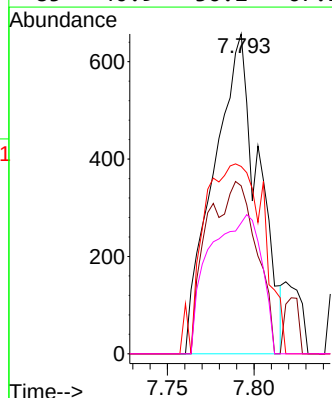
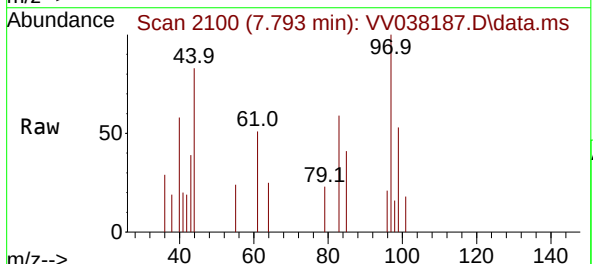
Instrument :
MSVOA_V
ClientSampleId :

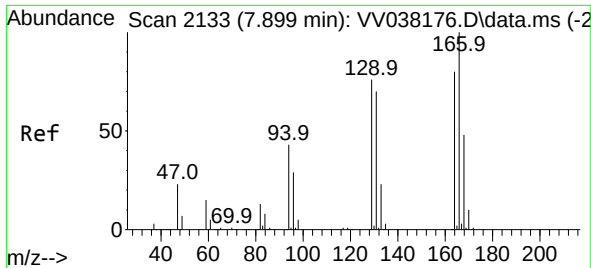
Tgt Ion: 75 Resp: 1332
Ion Ratio Lower Upper
75 100
77 26.9 23.4 43.4



#45
1,1,2-Trichloroethane
Concen: 0.082 ug/L
RT: 7.793 min Scan# 2100
Delta R.T. 0.029 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

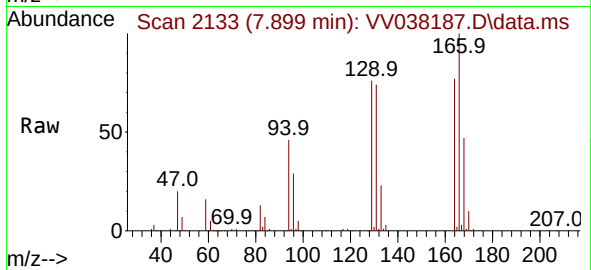
Tgt Ion: 97 Resp: 1193
Ion Ratio Lower Upper
97 100
99 52.5 41.9 77.7
83 58.6 57.7 107.1
85 40.9 36.2 67.2



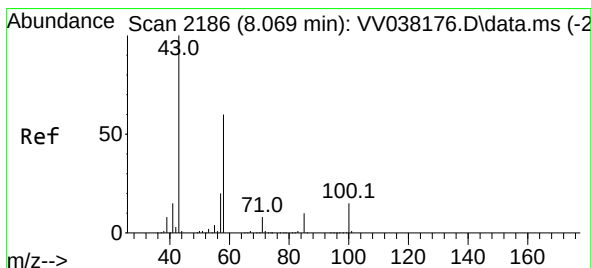
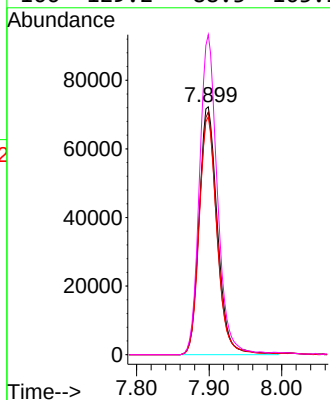
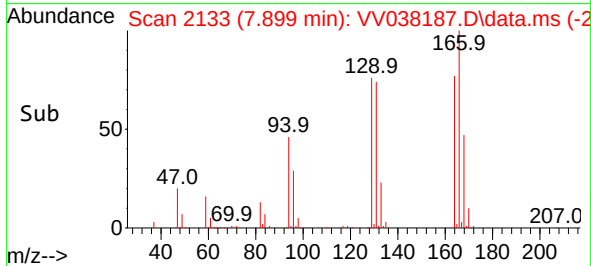


#47
Tetrachloroethene
Concen: 8.085 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

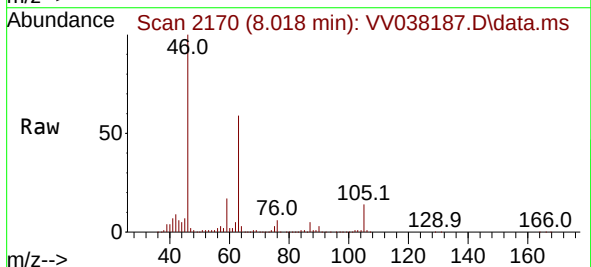
Instrument :
MSVOA_V
ClientSampleId :



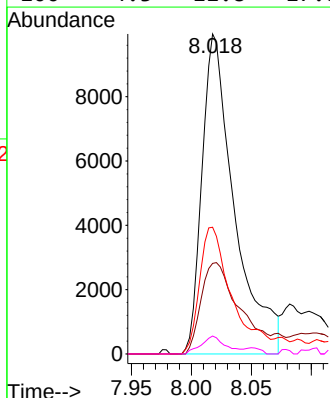
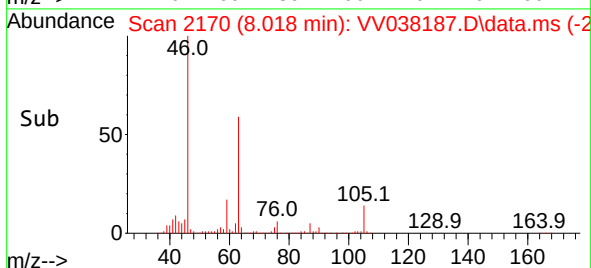
Tgt Ion:164 Resp: 126761
Ion Ratio Lower Upper
164 100
129 97.9 68.5 127.1
131 96.0 64.8 120.4
166 129.2 88.3 163.9

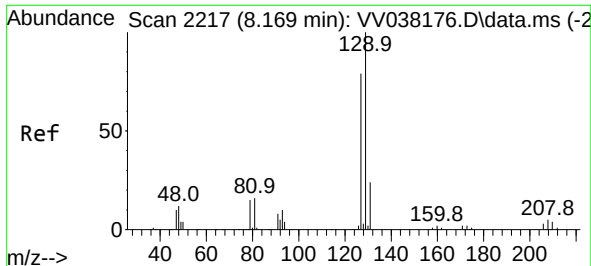


#48
2-Hexanone
Concen: 2.760 ug/L
RT: 8.018 min Scan# 2170
Delta R.T. -0.051 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21



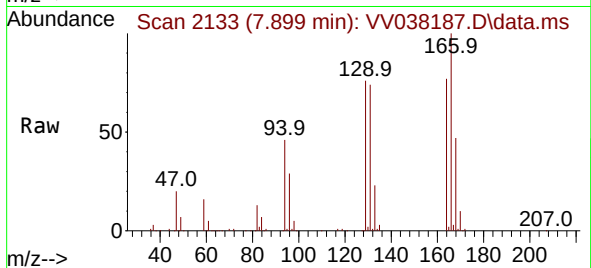
Tgt Ion: 43 Resp: 18780
Ion Ratio Lower Upper
43 100
58 33.8 49.2 73.8#
57 39.5 16.9 25.3#
100 4.3 11.8 17.8#



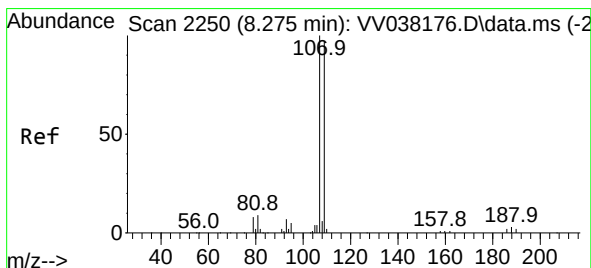
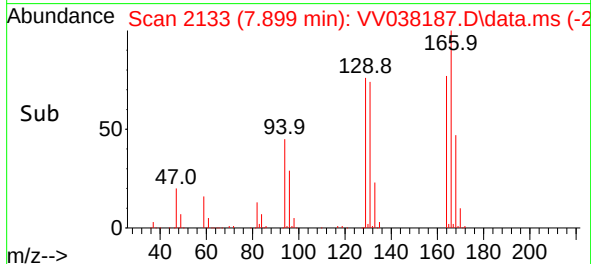
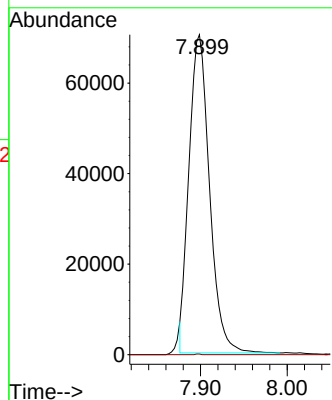


#49
Dibromochloromethane
Concen: 7.296 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Instrument :
MSVOA_V
ClientSampleId :

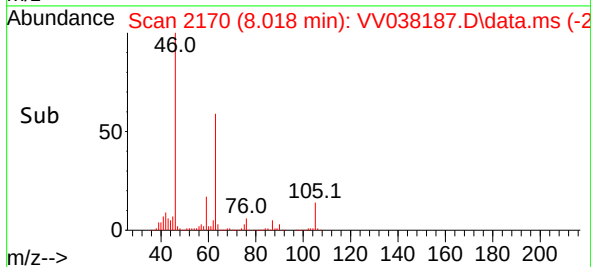
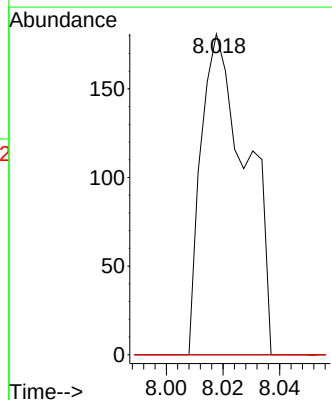
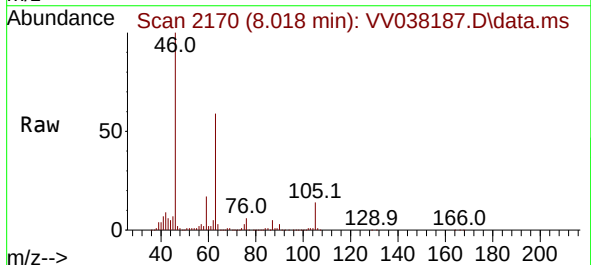


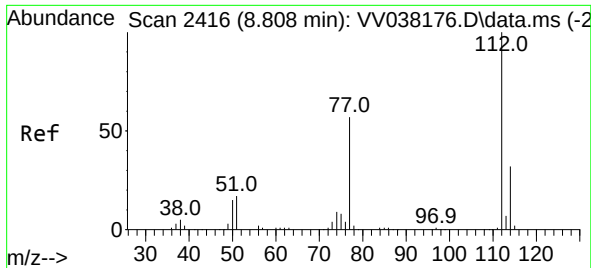
Tgt Ion:129 Resp: 115667
Ion Ratio Lower Upper
129 100
127 0.2 53.5 99.3#



#50
1,2-Dibromoethane
Concen: 0.015 ug/L
RT: 8.018 min Scan# 2170
Delta R.T. -0.257 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion:107 Resp: 201
Ion Ratio Lower Upper
107 100
109 0.0 66.1 122.7#
188 0.0 2.6 3.8#

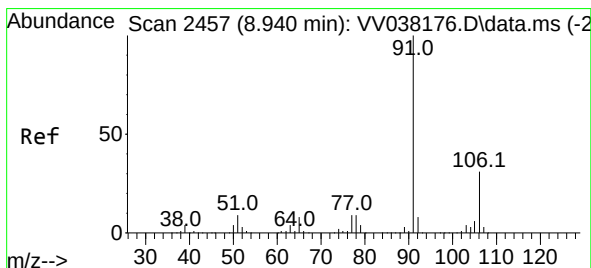
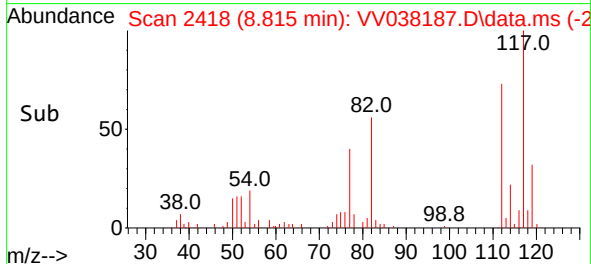
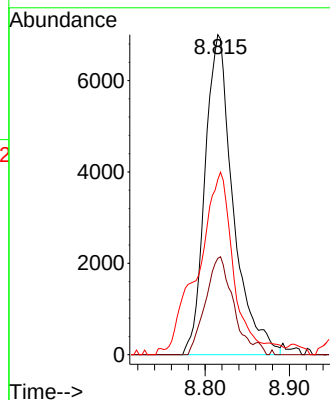
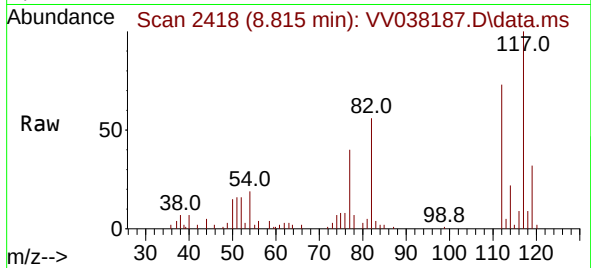




#51
Chlorobenzene
Concen: 0.311 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.007 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

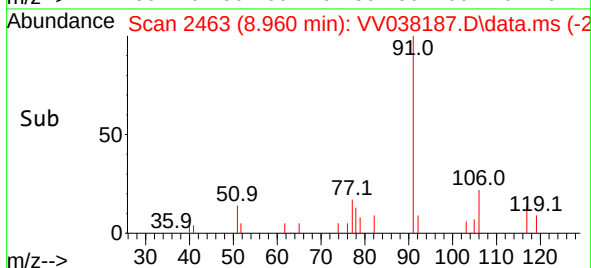
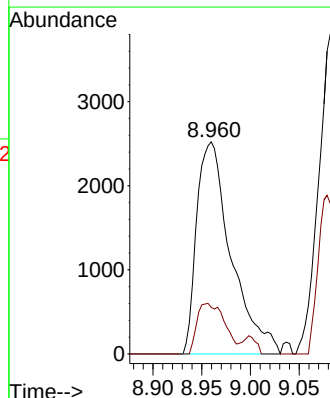
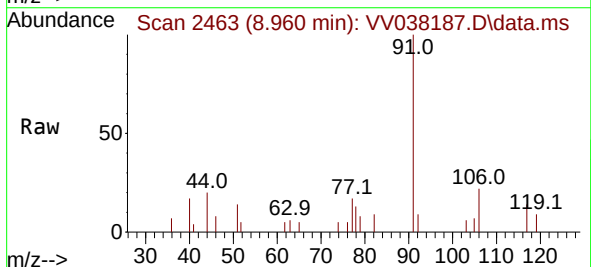
Instrument :
MSVOA_V
ClientSampleId :

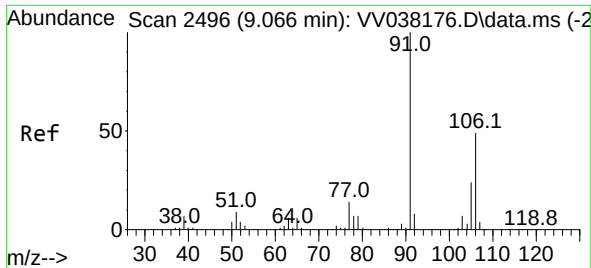
Tgt Ion:112 Resp: 16258
Ion Ratio Lower Upper
112 100
114 30.1 22.0 40.8
77 54.7 45.0 67.4



#52
Ethylbenzene
Concen: 0.077 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.019 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion: 91 Resp: 6187
Ion Ratio Lower Upper
91 100
106 22.0 21.8 40.4

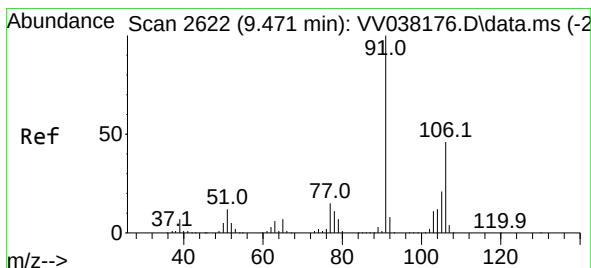
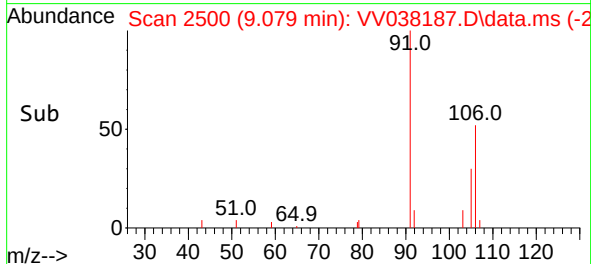
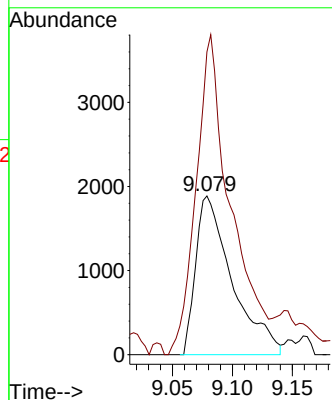
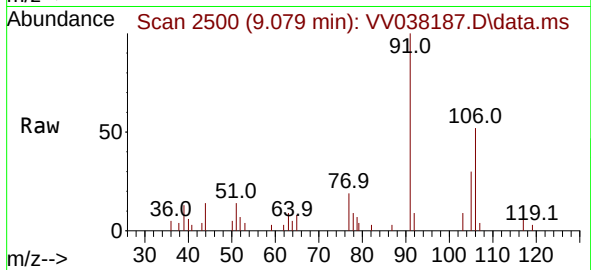




#53
m,p-Xylene
Concen: 0.131 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

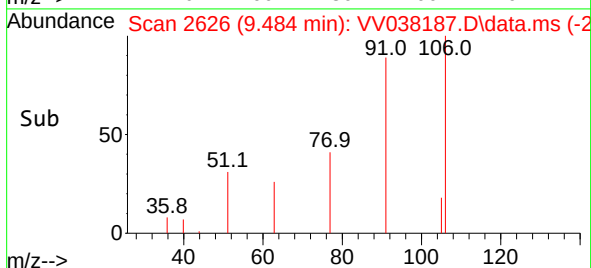
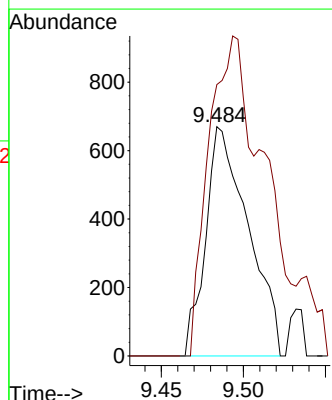
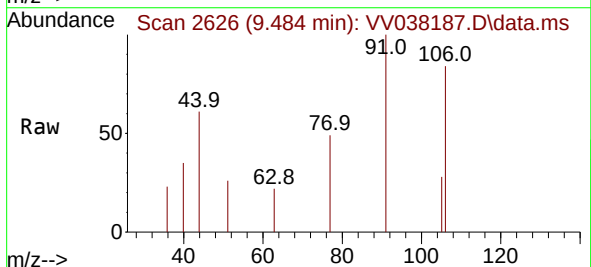
Instrument :
MSVOA_V
ClientSampleId :

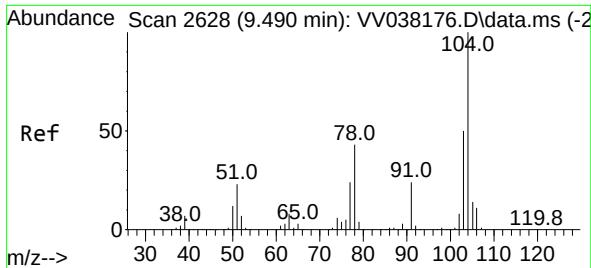
Tgt Ion:106 Resp: 3989
Ion Ratio Lower Upper
106 100
91 190.8 138.7 257.5



#54
o-Xylene
Concen: 0.041 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.013 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion:106 Resp: 1207
Ion Ratio Lower Upper
106 100
91 118.4 155.5 288.7#

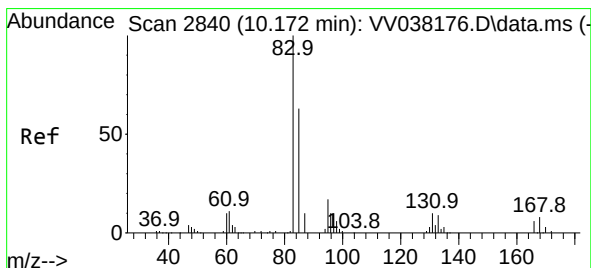
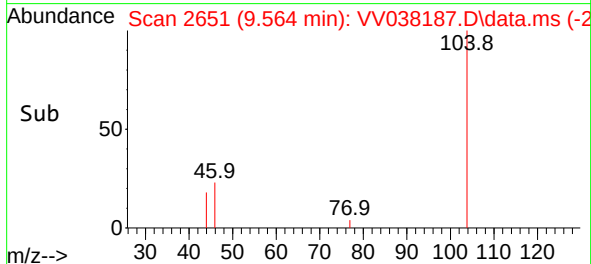
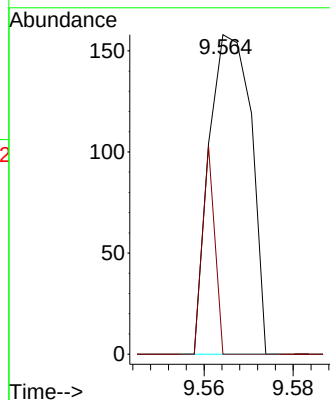
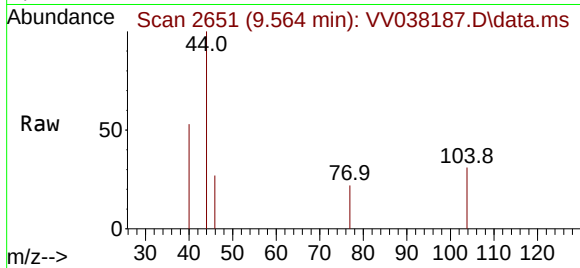




#55
Styrene
Concen: 0.002 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.074 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

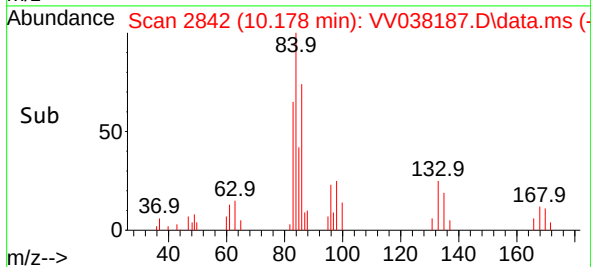
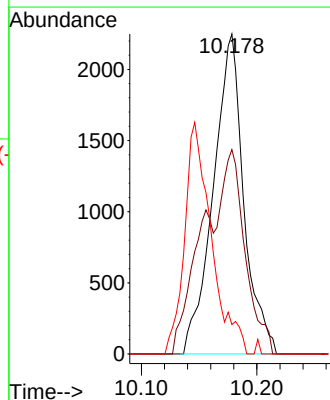
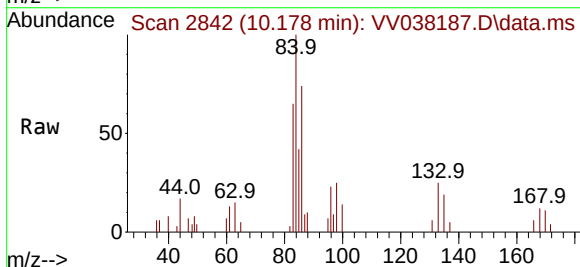
Instrument :
MSVOA_V
ClientSampleId :

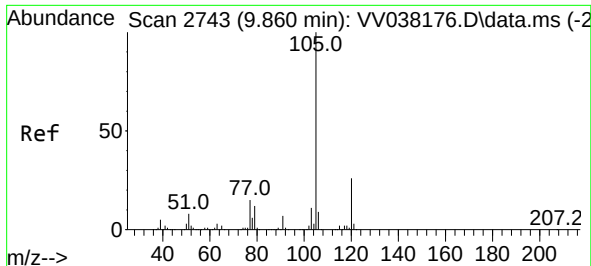
Tgt Ion:104 Resp: 103
Ion Ratio Lower Upper
104 100
78 0.0 29.7 55.1#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.242 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.007 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

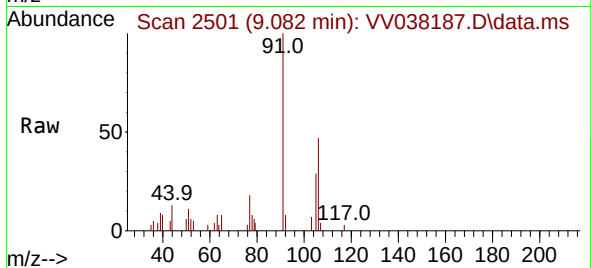
Tgt Ion: 83 Resp: 4112
Ion Ratio Lower Upper
83 100
85 63.9 45.7 84.9
131 9.2 8.2 12.4



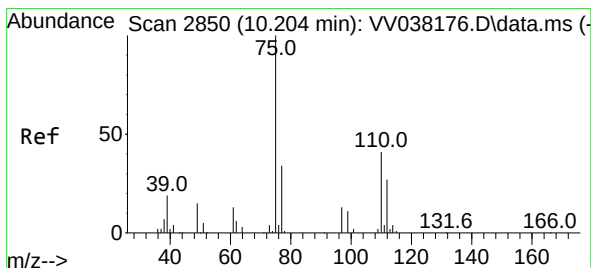
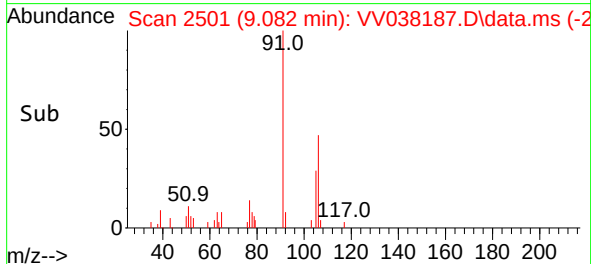
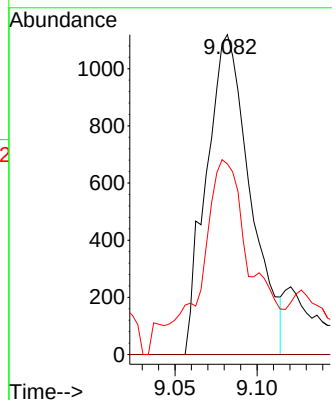


#60
Isopropylbenzene
Concen: 0.033 ug/L
RT: 9.082 min Scan# 21
Delta R.T. -0.778 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Instrument :
MSVOA_V
ClientSampleId :

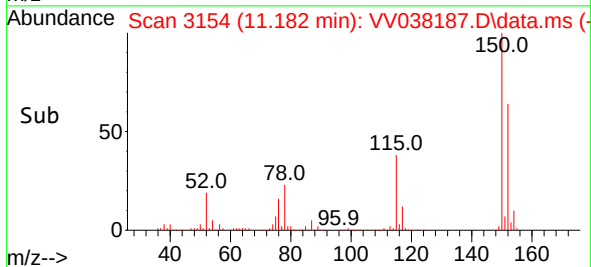
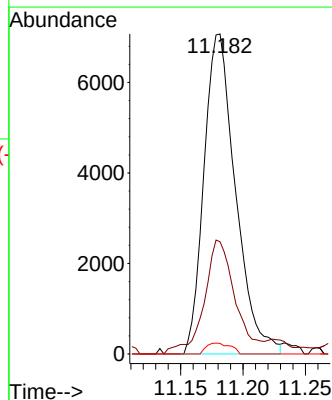
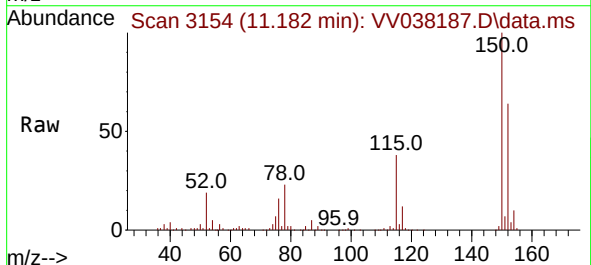


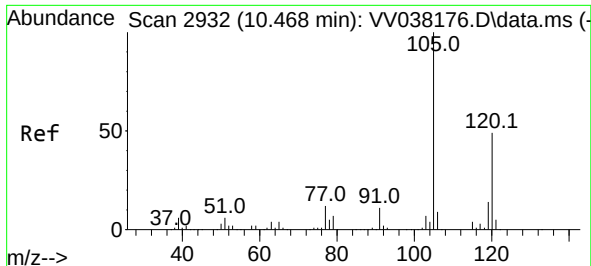
Tgt Ion:105 Resp: 2079
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#
77 47.6 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.337 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion: 75 Resp: 12468
Ion Ratio Lower Upper
75 100
77 34.9 26.4 39.6
110 2.6 32.3 48.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 10.484 min Scan# 2932

Delta R.T. 0.016 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

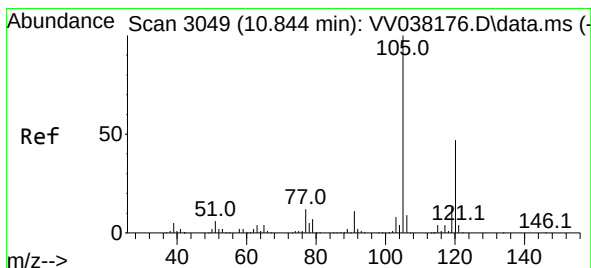
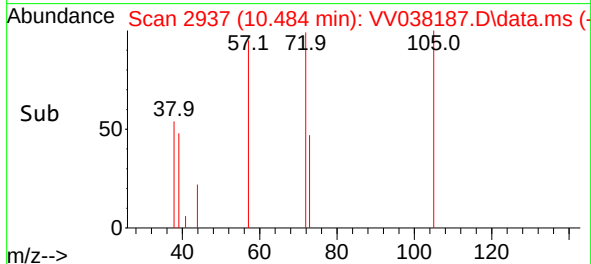
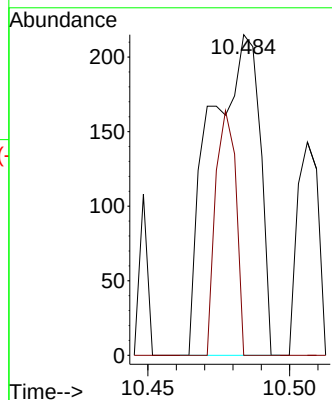
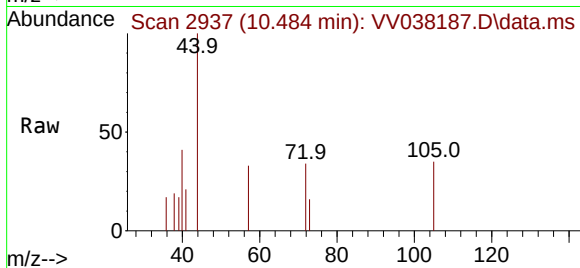
ClientSampleId :

Tgt Ion:105 Resp: 260

Ion Ratio Lower Upper

105 100

120 0.0 39.2 58.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.006 ug/L

RT: 10.876 min Scan# 3059

Delta R.T. 0.032 min

Lab File: VV038187.D

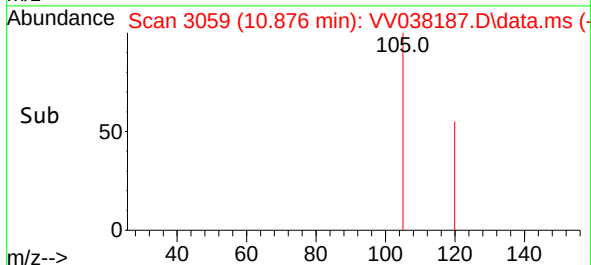
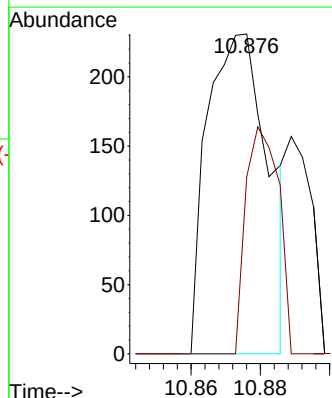
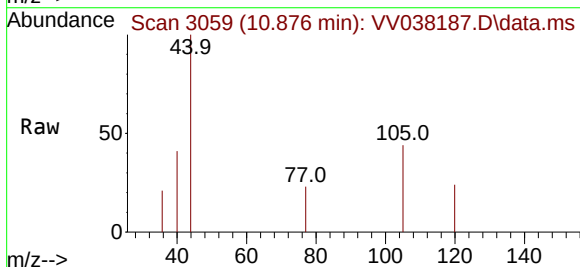
Acq: 19 Nov 2024 19:21

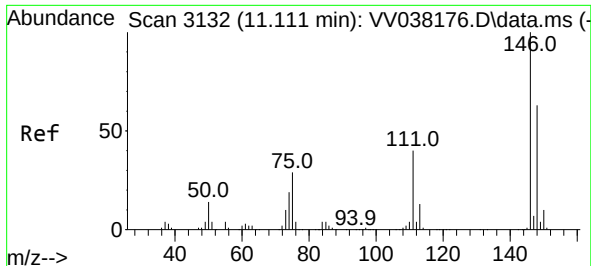
Tgt Ion:105 Resp: 281

Ion Ratio Lower Upper

105 100

120 38.8 37.0 55.4

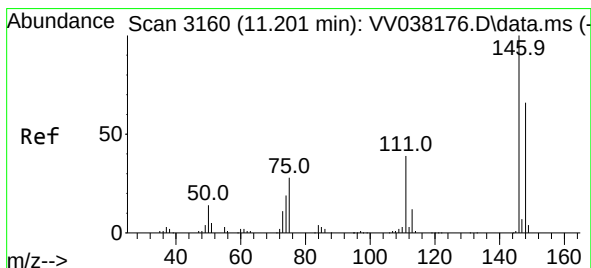
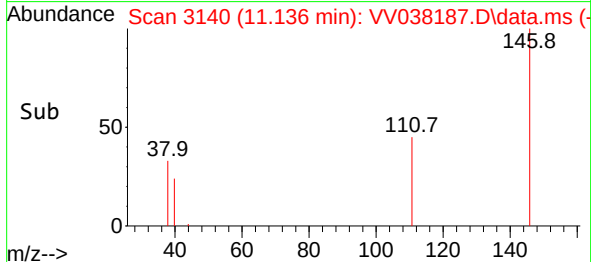
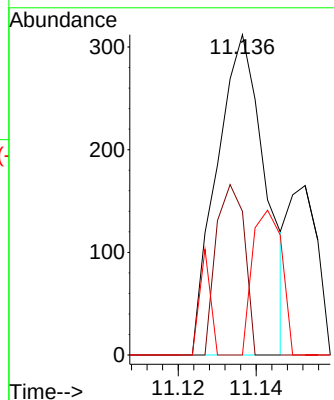
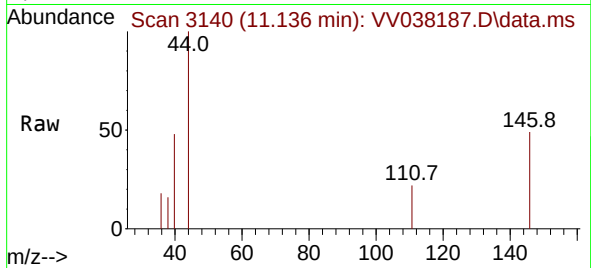




#64
1,3-Dichlorobenzene
Concen: 0.008 ug/L
RT: 11.136 min Scan# 311
Delta R.T. 0.026 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

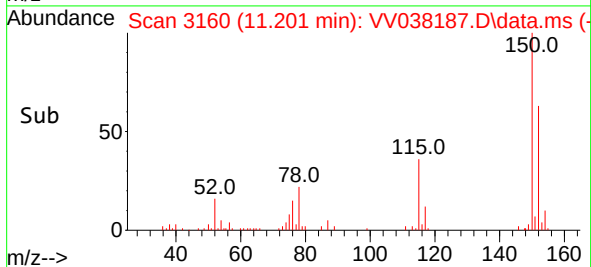
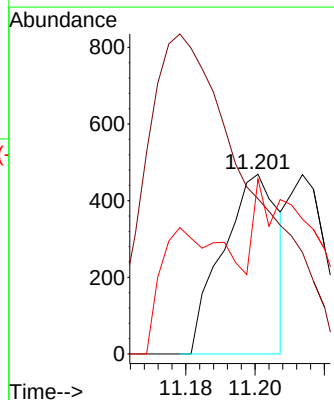
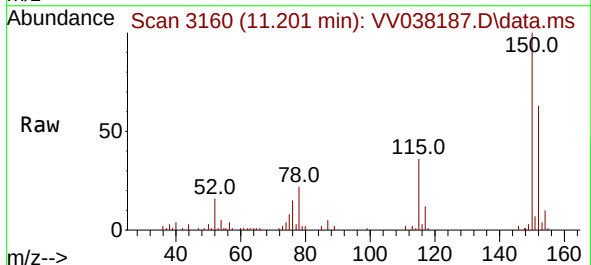
Instrument :
MSVOA_V
ClientSampleId :

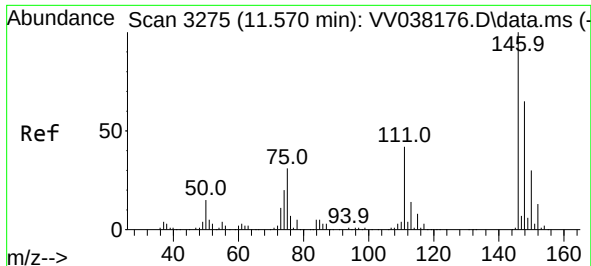
Tgt Ion:146 Resp: 271
Ion Ratio Lower Upper
146 100
111 44.9 28.2 52.4
148 0.0 44.2 82.2#



#65
1,4-Dichlorobenzene
Concen: 0.015 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Tgt Ion:146 Resp: 520
Ion Ratio Lower Upper
146 100
111 86.4 27.4 50.8#
148 97.2 44.4 82.4#





#67

1,2-Dichlorobenzene

Concen: 0.150 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

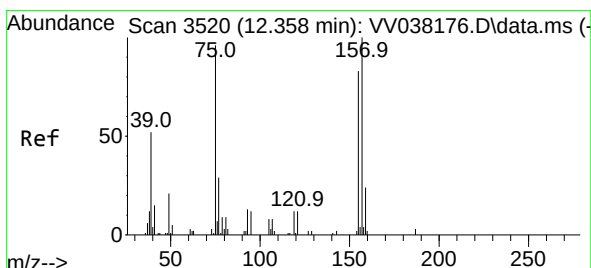
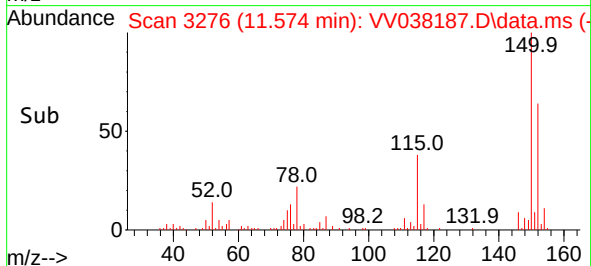
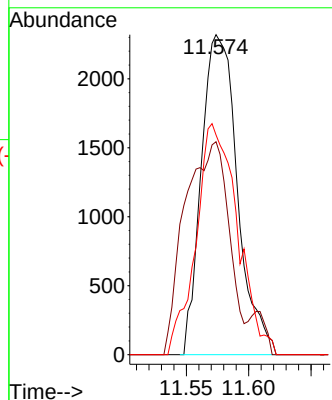
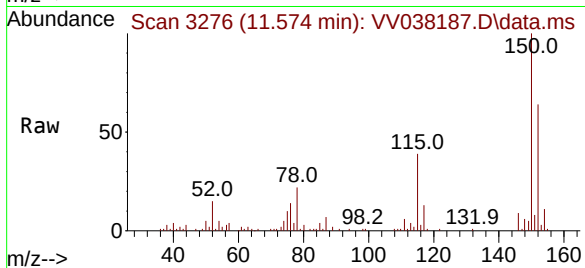
Tgt Ion:146 Resp: 4674

Ion Ratio Lower Upper

146 100

111 66.6 34.2 51.2#

148 68.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.045 ug/L

RT: 12.201 min Scan# 3471

Delta R.T. -0.157 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

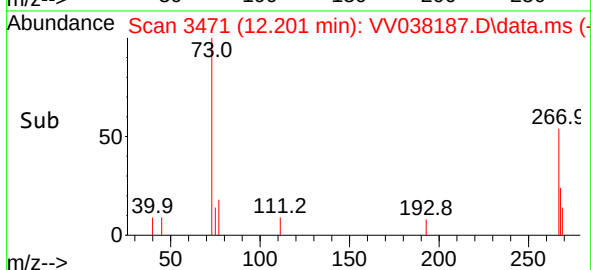
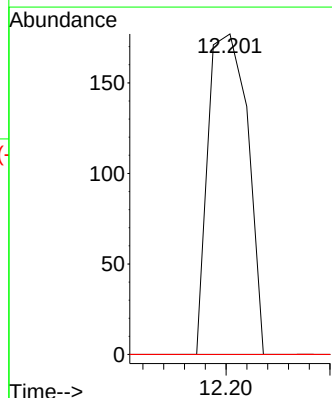
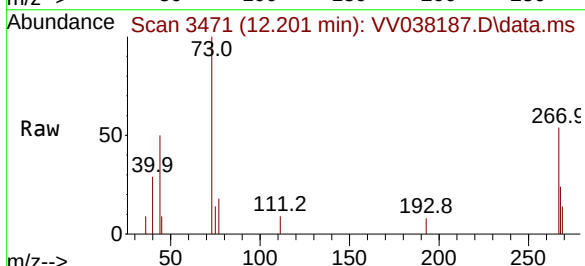
Tgt Ion: 75 Resp: 94

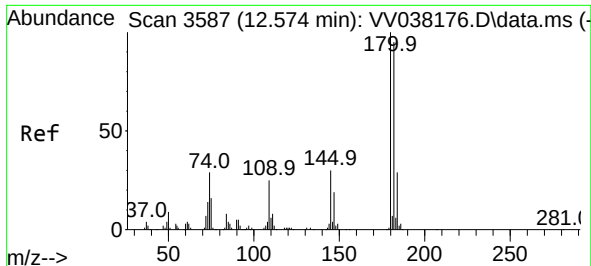
Ion Ratio Lower Upper

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: 12.593 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 104

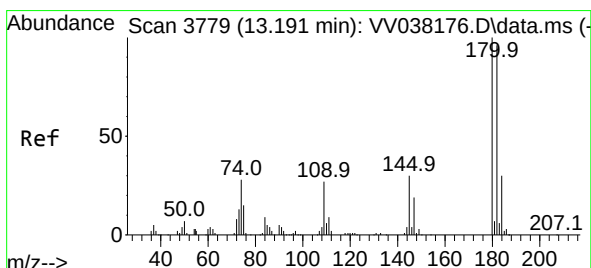
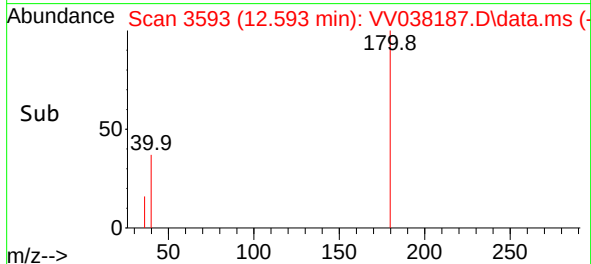
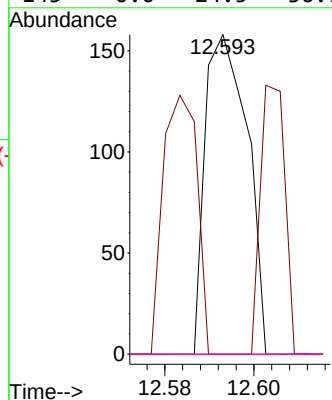
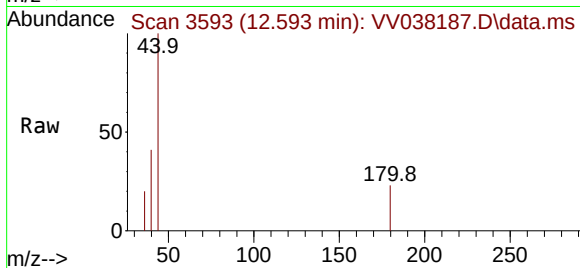
Ion Ratio Lower Upper

180 100

182 65.4 76.0 114.0#

184 0.0 23.7 35.5#

145 0.0 24.5 36.7#



#70

1,2,4-trichlorobenzene

Concen: 0.017 ug/L

RT: 13.226 min Scan# 3790

Delta R.T. 0.036 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

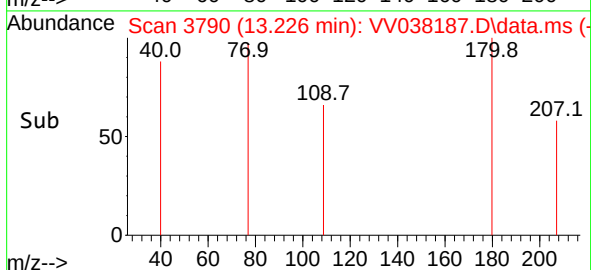
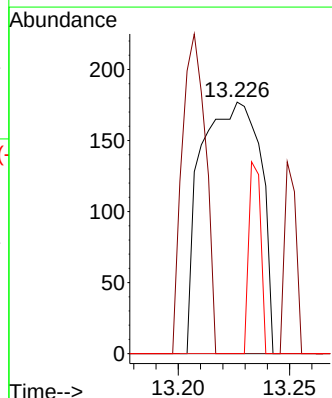
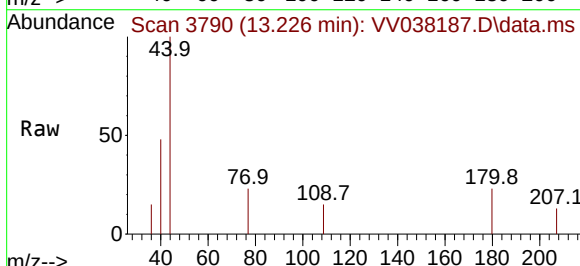
Tgt Ion:180 Resp: 329

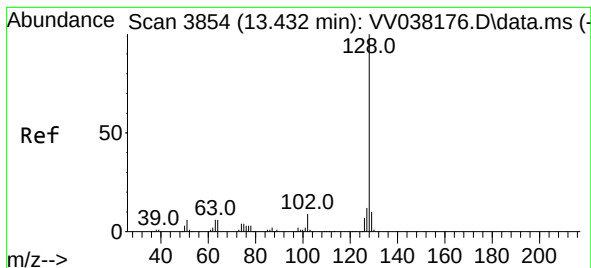
Ion Ratio Lower Upper

180 100

182 14.6 73.8 110.8#

145 15.2 24.6 37.0#





#71

Naphthalene

Concen: 0.014 ug/L

RT: 13.474 min Scan# 3935

Delta R.T. 0.042 min

Lab File: VV038187.D

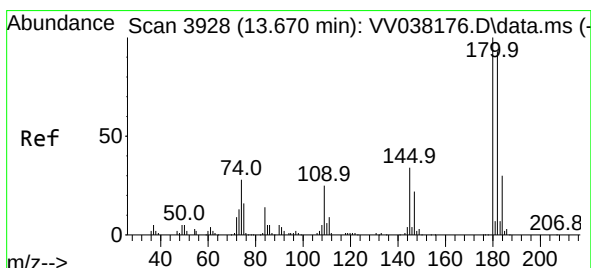
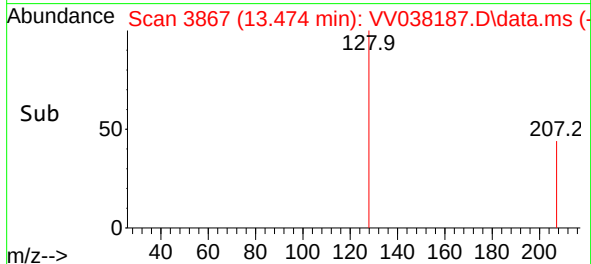
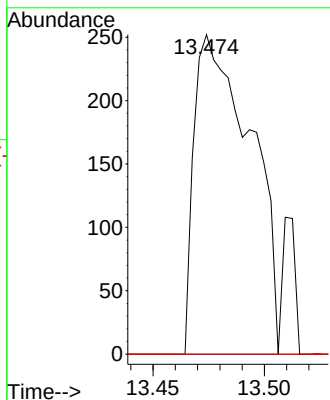
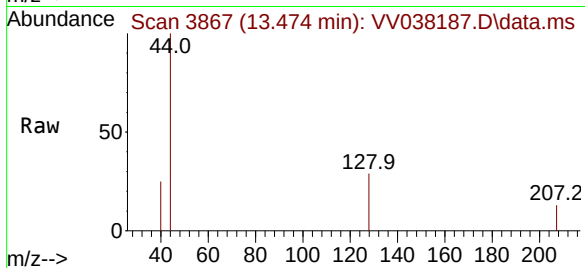
Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	444
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: 13.693 min Scan# 3935

Delta R.T. 0.023 min

Lab File: VV038187.D

Acq: 19 Nov 2024 19:21

Tgt Ion:180	Resp:	113
Ion Ratio	Lower	Upper
180	100	
182	180.5	75.1 112.7#
145	0.0	27.0 40.4#

