

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050824\
 Data File : VV035557.D
 Acq On : 08 May 2024 11:25
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: May 09 01:25:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	405294	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	227388	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	123573	19.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.920%
7) Chloroethane-d5	1.532	69	106756	21.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.480%
11) 1,1-Dichloroethene-d2	2.056	65	56890	20.514	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.040%
21) 2-Butanone-d5	3.841	46	98183m	55.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.460%
24) Chloroform-d	4.249	84	273112	22.666	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	4.944	65	147777	24.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.240%
32) Benzene-d6	4.960	84	510954	21.534	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	5.989	67	171132	23.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.480%
41) Toluene-d8	7.243	98	435520	20.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.480%
43) trans-1,3-Dichloroprop...	7.555	79	68495	21.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.480%
47) 2-Hexanone-d5	8.030	63	66514	50.515	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	179204	25.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	195939	24.829	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	8934	1.084	ug/L	94
3) Chloromethane	1.214	50	10892	1.317	ug/L	99
5) Vinyl chloride	1.282	62	9308	1.089	ug/L #	74
6) Bromomethane	1.487	94	6669	1.232	ug/L	96
8) Chloroethane	1.548	64	5861	1.112	ug/L	90
9) Trichlorofluoromethane	1.712	101	11084	0.994	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8761	1.245	ug/L	87
12) 1,1-Dichloroethene	2.066	96	8227	1.294	ug/L #	1
13) Acetone	2.166	43	7282m	2.798	ug/L	
14) Carbon disulfide	2.236	76	23775	1.181	ug/L	95
15) Methyl Acetate	2.391	43	3863m	0.980	ug/L	
16) Methylene chloride	2.446	84	17581	1.881	ug/L	94
17) trans-1,2-Dichloroethene	2.700	96	7111	1.007	ug/L	88
18) Methyl tert-butyl Ether	2.706	73	16462	0.967	ug/L #	85
19) 1,1-Dichloroethane	3.114	63	13175	0.996	ug/L	96
20) cis-1,2-Dichloroethene	3.825	96	7299	0.954	ug/L	95
22) 2-Butanone	3.953	43	5158m	2.134	ug/L	
23) Bromochloromethane	4.156	128	3902m	1.054	ug/L	
25) Chloroform	4.281	83	16847	1.233	ug/L	91

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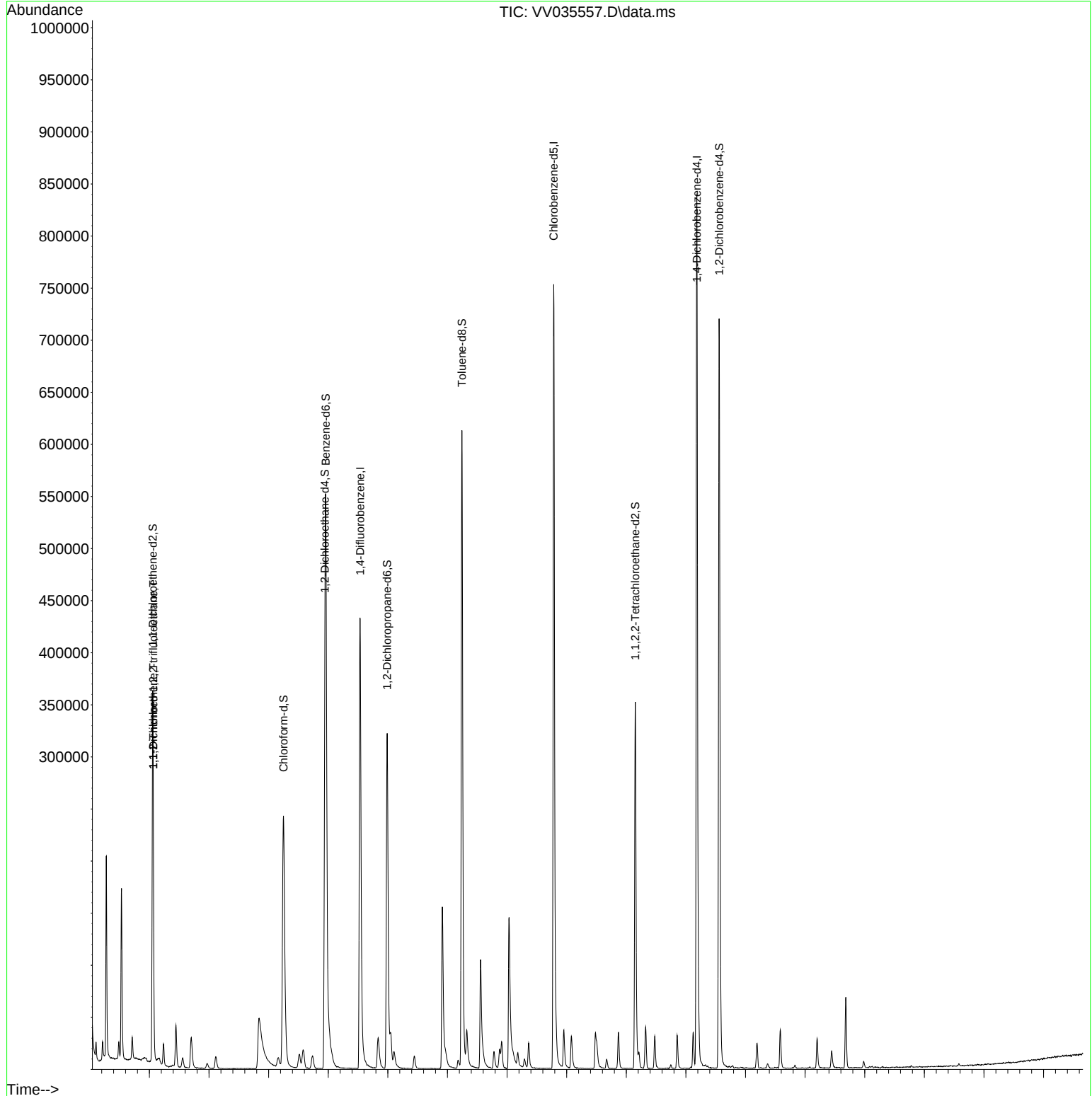
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	8177	0.961	ug/L	98
29) Cyclohexane	4.580	56	9275	0.895	ug/L #	87
30) 1,1,1-Trichloroethane	4.513	97	11058	0.920	ug/L	94
31) Carbon tetrachloride	4.735	117	10540	0.999	ug/L	94
33) Benzene	5.018	78	28848	1.006	ug/L	100
34) Trichloroethene	5.844	95	8130	1.002	ug/L	93
35) Methylcyclohexane	6.050	83	11692m	0.949	ug/L	
37) 1,2-Dichloropropane	6.105	63	8061m	1.077	ug/L	
38) Bromodichloromethane	6.445	83	9977	0.984	ug/L	94
39) cis-1,3-Dichloropropene	6.973	75	12010m	1.026	ug/L	
40) 4-Methyl-2-pentanone	7.178	43	10603m	2.365	ug/L	
42) Toluene	7.323	91	29135	0.960	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	11088m	1.083	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	6109	0.961	ug/L	97
46) Tetrachloroethene	7.908	164	6548	0.993	ug/L	96
48) 2-Hexanone	8.098	43	8628m	2.567	ug/L	
49) Dibromochloromethane	8.182	129	6994	0.975	ug/L	90
50) 1,2-Dibromoethane	8.294	107	6061	0.967	ug/L	99
51) Chlorobenzene	8.815	112	20924	0.993	ug/L	98
52) Ethylbenzene	8.953	91	28432	0.848	ug/L	97
53) m,p-Xylene	9.082	106	10744m	0.845	ug/L	
54) o-Xylene	9.484	106	9362	0.777	ug/L	96
55) Styrene	9.506	104	15358m	0.731	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.178	83	8324	1.074	ug/L #	89
59) Bromoform	9.670	173	4648	1.040	ug/L #	96
60) Isopropylbenzene	9.870	105	23325	0.770	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	6280	1.179	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	17620	0.742	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	17649	0.723	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	15823	0.995	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	17397	1.057	ug/L	93
67) 1,2-Dichlorobenzene	11.577	146	16470	1.101	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.368	75	1301	1.053	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	11815	0.951	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	9825	0.947	ug/L	99
71) Naphthalene	13.445	128	15702m	0.862	ug/L	
72) 1,2,3-Trichlorobenzene	13.683	180	8929	0.957	ug/L	96

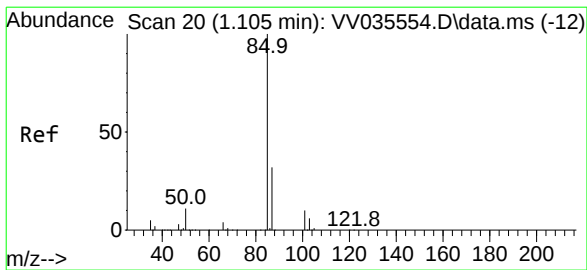
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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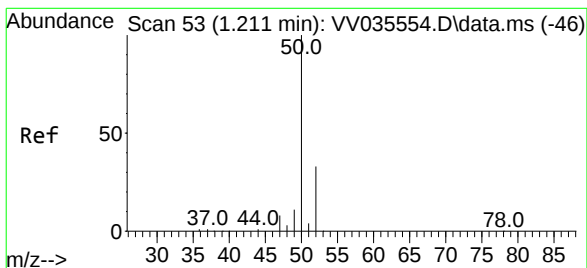
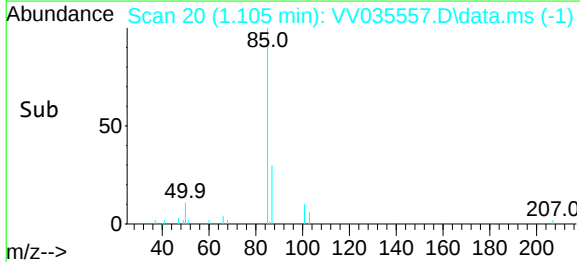
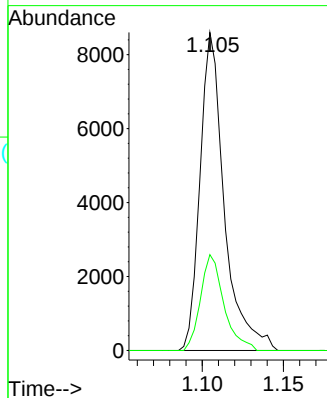
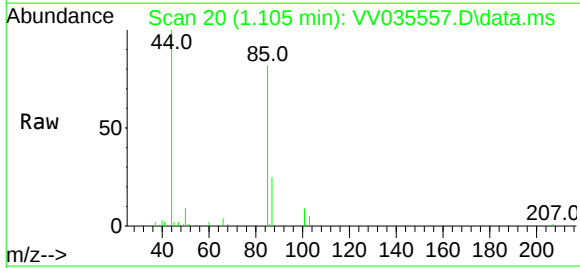




#2
Dichlorodifluoromethane
Concen: 1.084 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

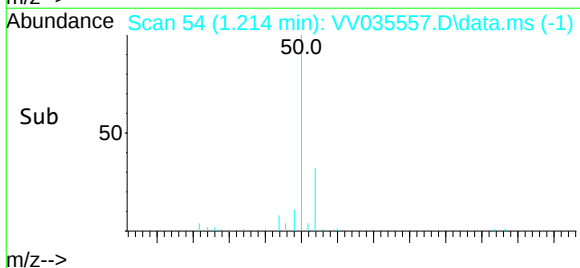
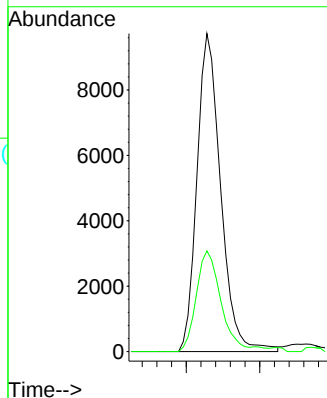
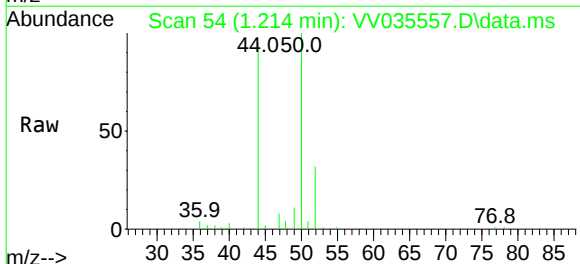
Instrument :
MSVOA_V
ClientSampleId :
MDL03

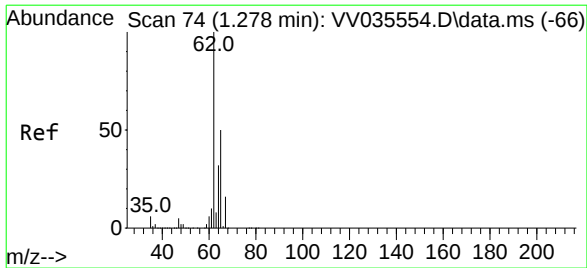
Tgt Ion: 85 Resp: 8934
Ion Ratio Lower Upper
85 100
87 29.1 25.8 38.6



#3
Chloromethane
Concen: 1.317 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 50 Resp: 10892
Ion Ratio Lower Upper
50 100
52 31.7 22.7 42.1

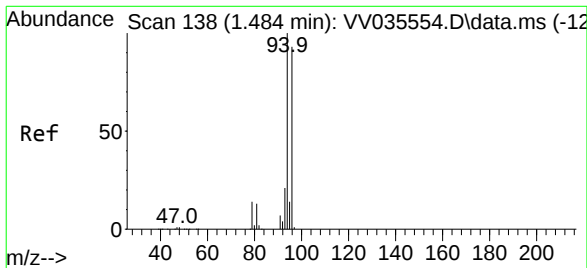
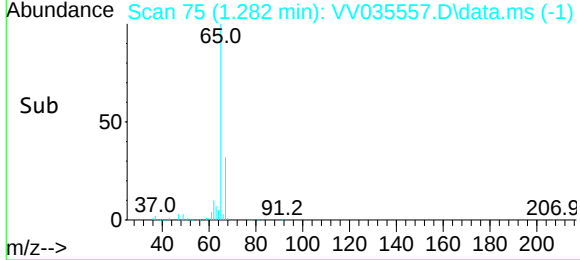
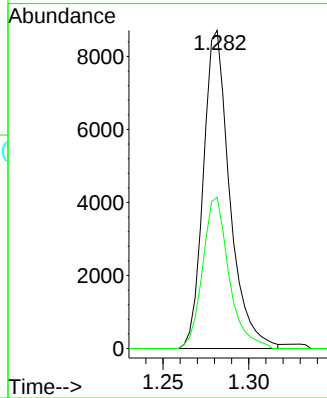
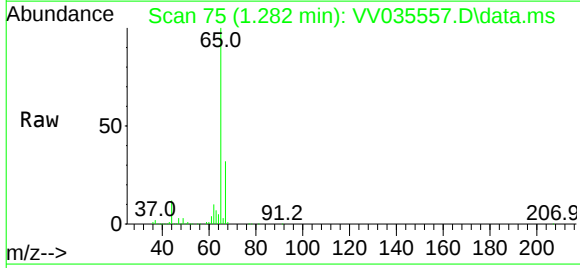




#5
 Vinyl chloride
 Concen: 1.089 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV035557.D
 Acq: 08 May 2024 11:25

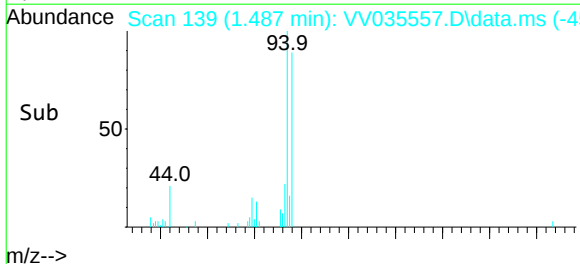
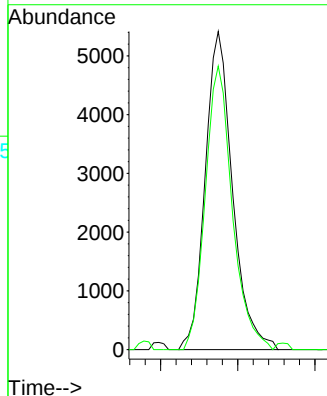
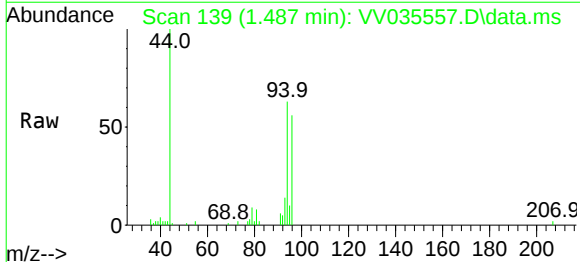
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

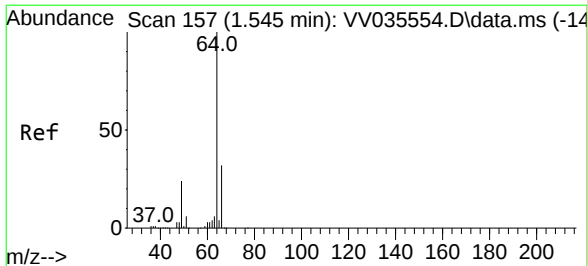
Tgt Ion: 62 Resp: 9308
 Ion Ratio Lower Upper
 62 100
 64 47.5 23.0 42.6#



#6
 Bromomethane
 Concen: 1.232 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV035557.D
 Acq: 08 May 2024 11:25

Tgt Ion: 94 Resp: 6669
 Ion Ratio Lower Upper
 94 100
 96 89.1 65.2 121.0

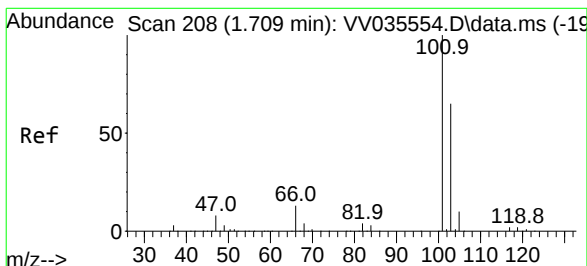
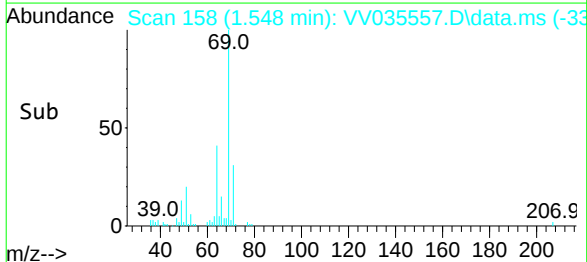
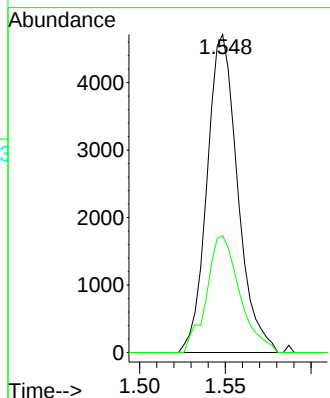
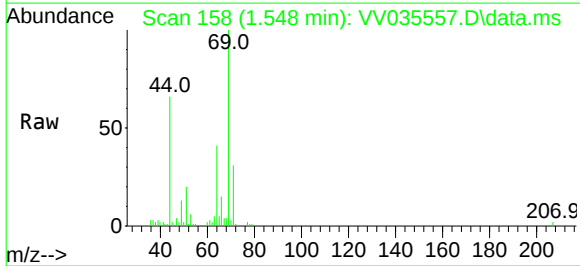




#8
Chloroethane
Concen: 1.112 ug/L
RT: 1.548 min Scan# 15
Delta R.T. 0.003 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

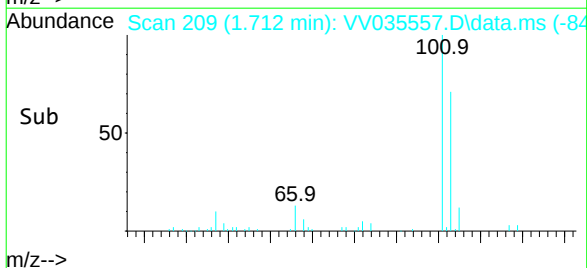
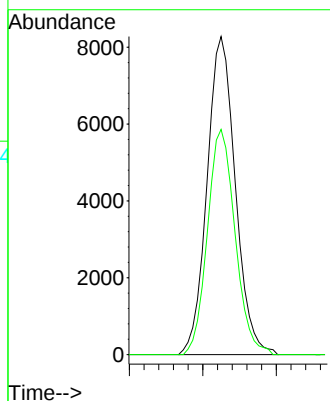
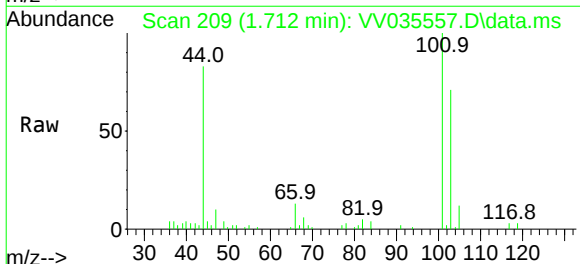
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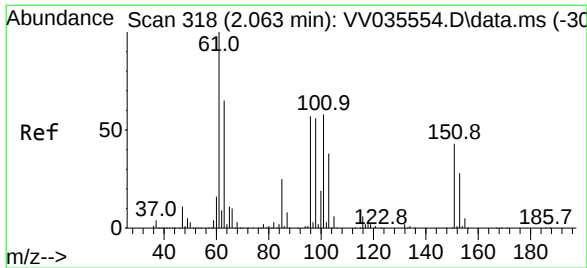
Tgt Ion: 64 Resp: 5861
Ion Ratio Lower Upper
64 100
66 36.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.994 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 101 Resp: 11084
Ion Ratio Lower Upper
101 100
103 69.2 51.5 77.3





#10

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

Concen: 1.245 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

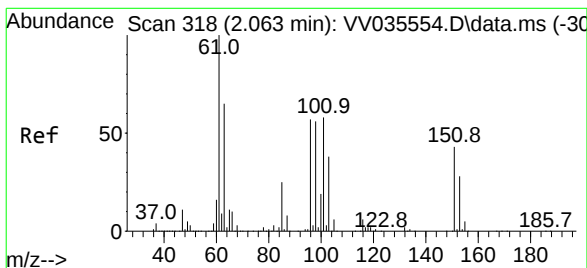
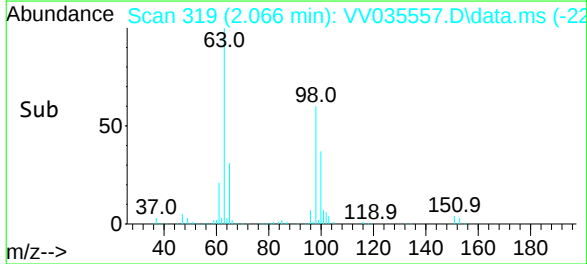
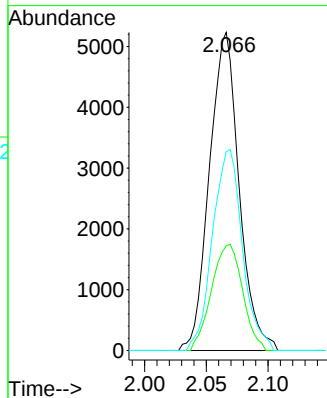
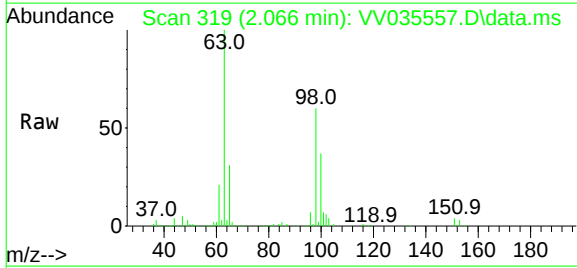
Tgt Ion:101 Resp: 8761

Ion Ratio Lower Upper

101 100

85 34.8 34.2 51.4

151 63.6 59.5 89.3



#12

1,1-Dichloroethene

Concen: 1.294 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

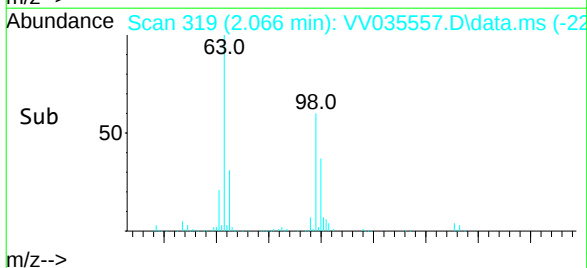
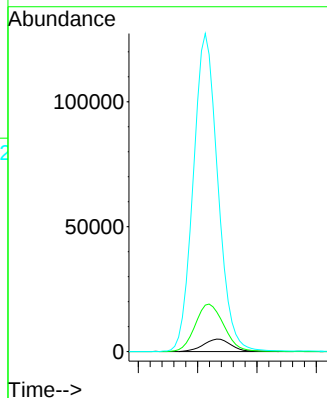
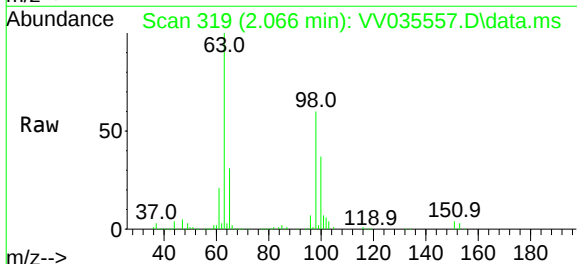
Tgt Ion: 96 Resp: 8227

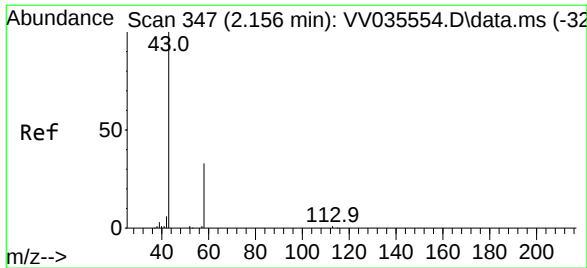
Ion Ratio Lower Upper

96 100

61 318.2 119.8 222.4#

63 1505.1 75.6 140.4#





#13

Acetone

Concen: 2.798 ug/L m

RT: 2.166 min Scan# 35

Delta R.T. 0.010 min

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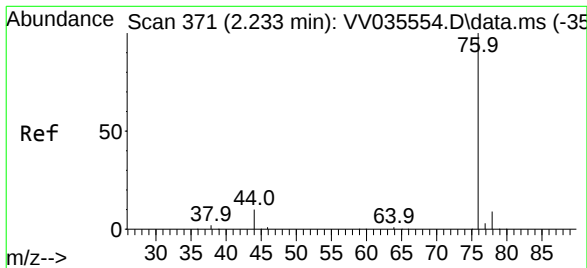
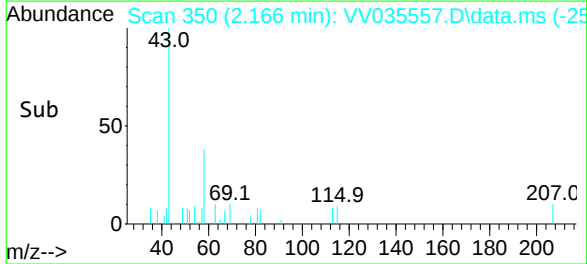
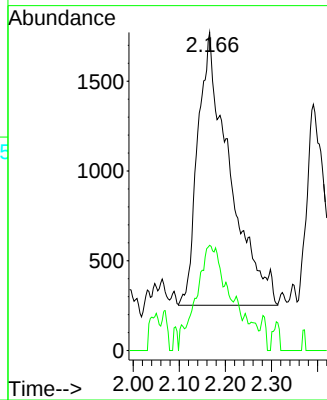
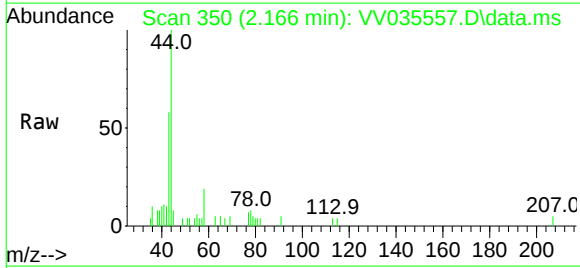
MDL03

Tgt Ion: 43 Resp: 7282

Ion Ratio Lower Upper

43 100

58 2.2 0.0 22.8



#14

Carbon disulfide

Concen: 1.181 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

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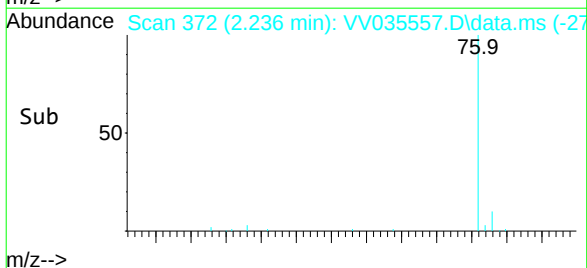
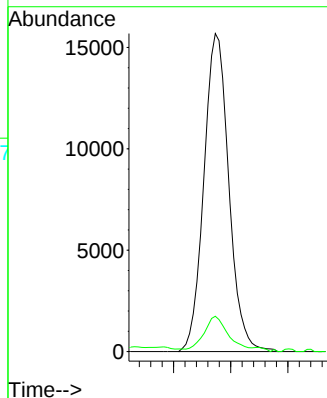
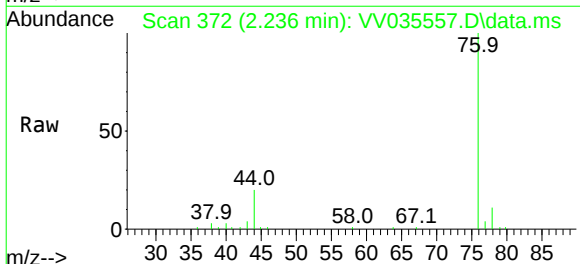
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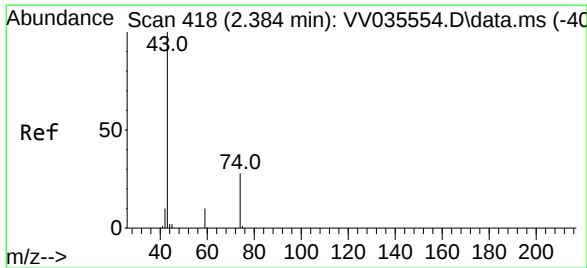
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Ion Ratio Lower Upper

76 100

78 11.1 7.5 11.3

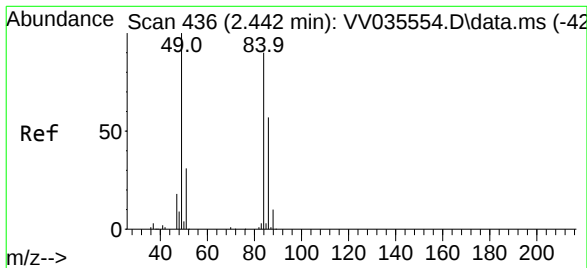
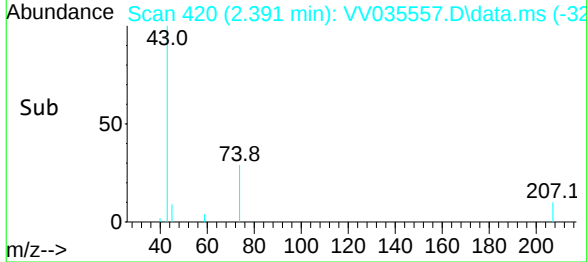
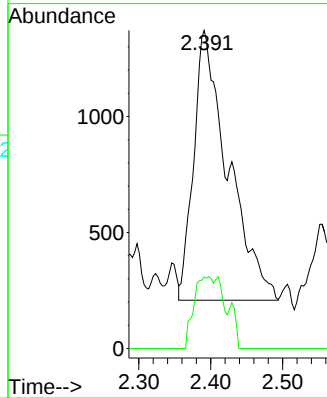
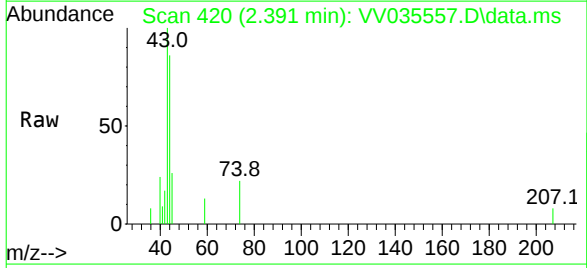




#15
Methyl Acetate
Concen: 0.980 ug/L m
RT: 2.391 min Scan# 42
Delta R.T. 0.006 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

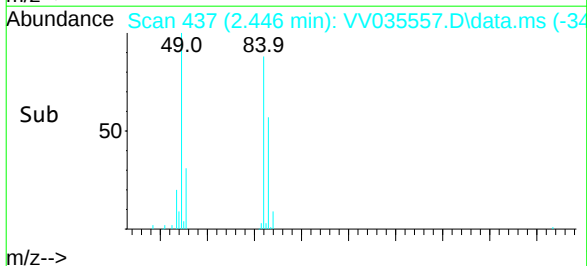
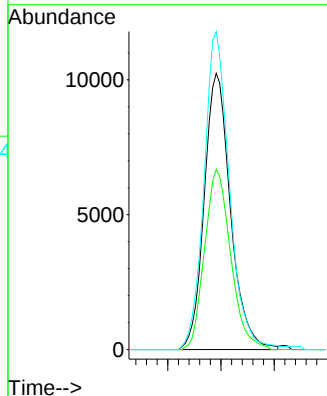
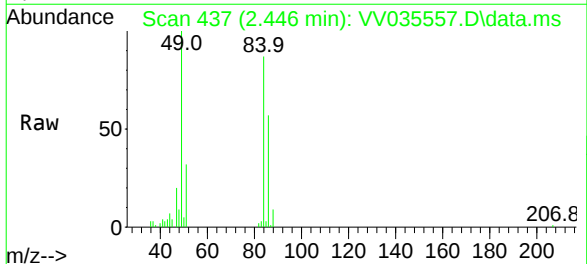
Instrument :
MSVOA_V
ClientSampleId :
MDL03

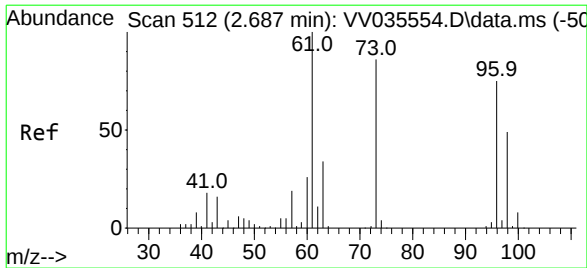
Tgt Ion: 43 Resp: 3863
Ion Ratio Lower Upper
43 100
74 3.2 18.6 27.8#



#16
Methylene chloride
Concen: 1.881 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 84 Resp: 17581
Ion Ratio Lower Upper
84 100
86 65.3 43.8 81.3
49 115.1 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 1.007 ug/L

RT: 2.700 min Scan# 51

Delta R.T. 0.013 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

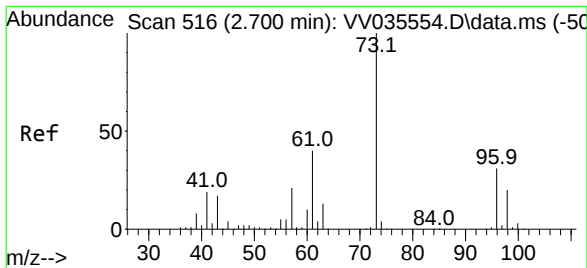
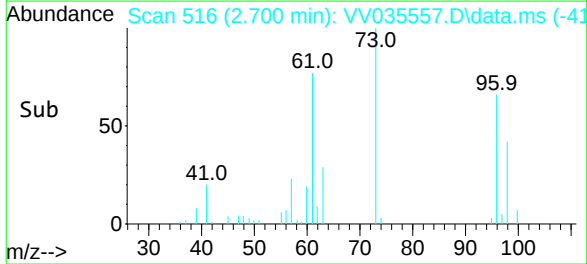
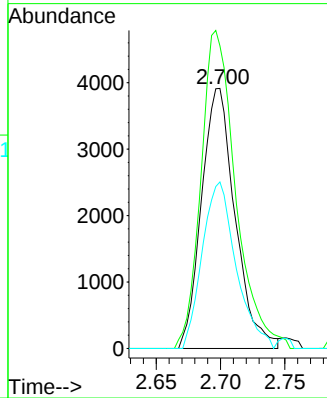
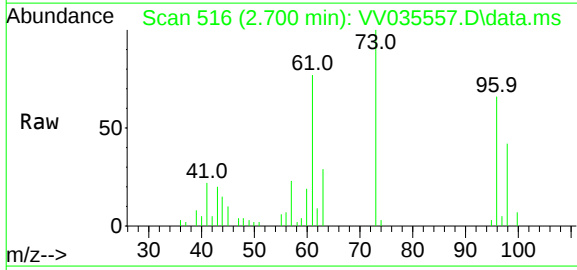
Tgt Ion: 96 Resp: 7111

Ion Ratio Lower Upper

96 100

61 116.4 95.5 177.4

98 64.0 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 0.967 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

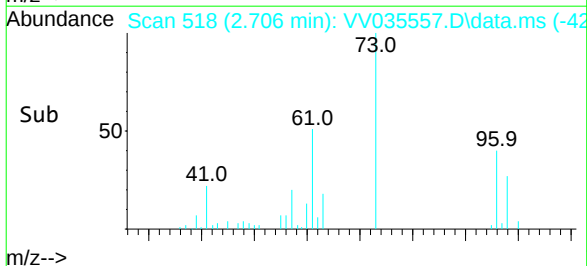
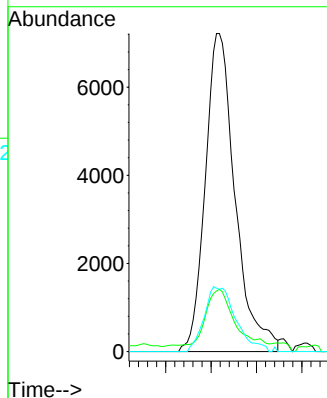
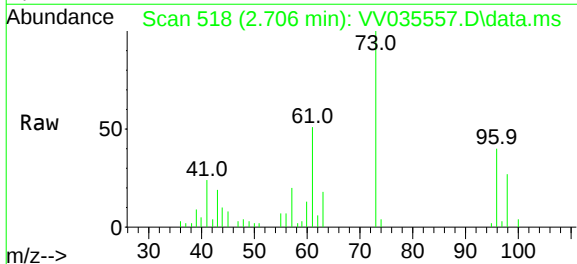
Tgt Ion: 73 Resp: 16462

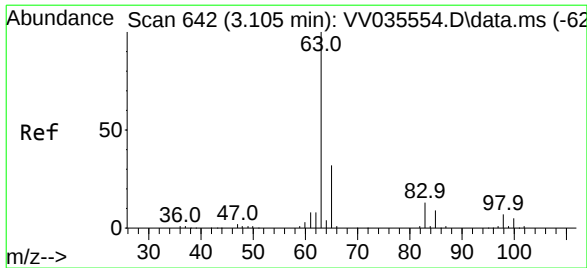
Ion Ratio Lower Upper

73 100

43 14.9 13.3 19.9

57 10.8 17.4 26.2#

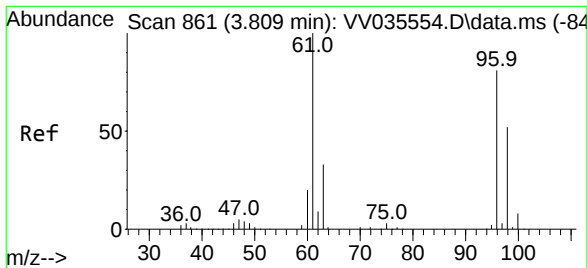
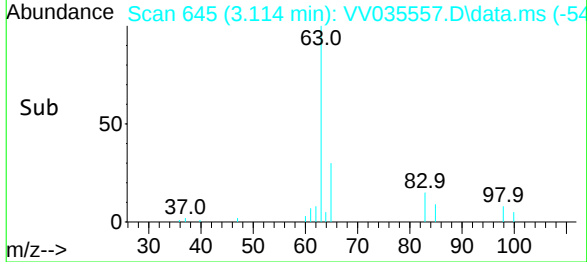
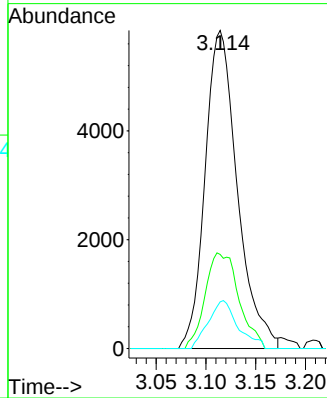
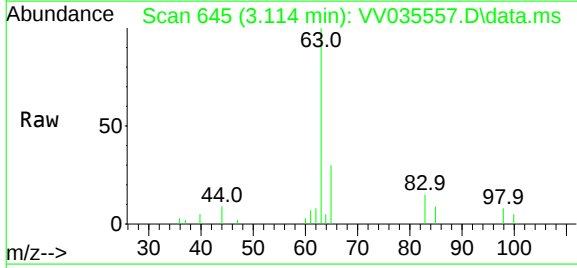




#19
1,1-Dichloroethane
Concen: 0.996 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

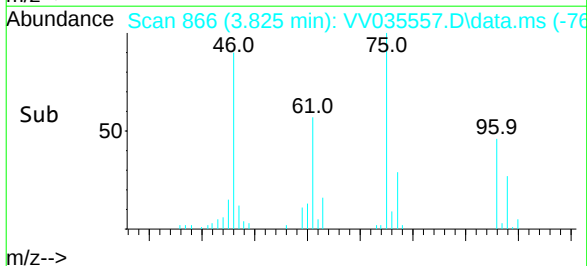
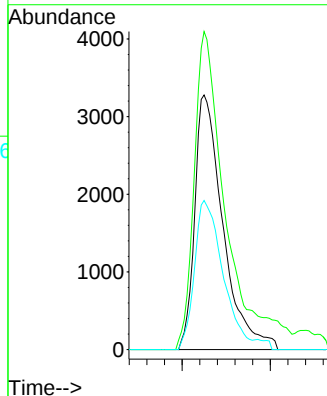
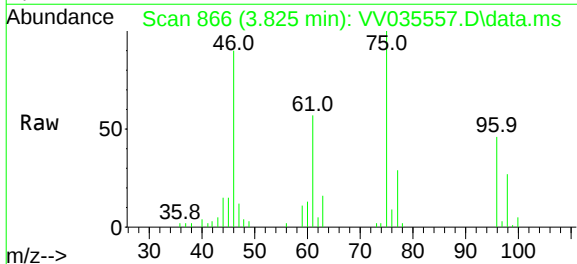
Instrument :
MSVOA_V
ClientSampleId :
MDL03

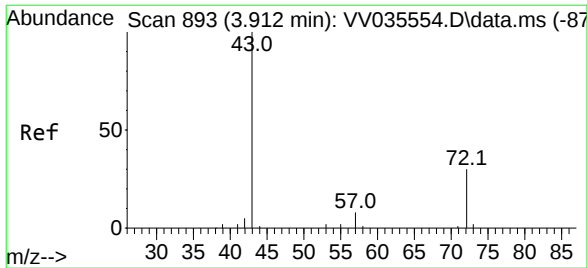
Tgt Ion:	63	Resp:	13175
Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.7	42.3
83	14.7	9.7	17.9



#20
cis-1,2-Dichloroethene
Concen: 0.954 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.016 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion:	96	Resp:	7299
Ion	Ratio	Lower	Upper
96	100		
61	124.9	83.9	155.9
98	58.6	44.0	81.8

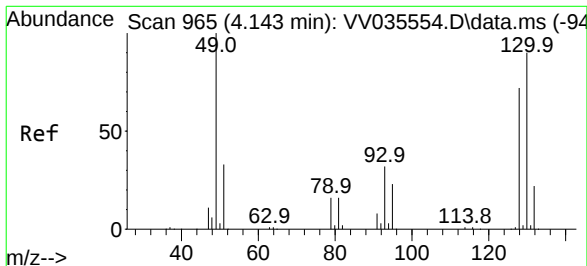
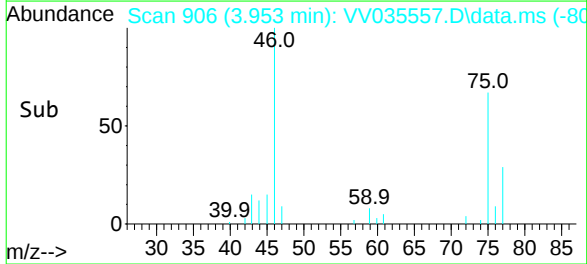
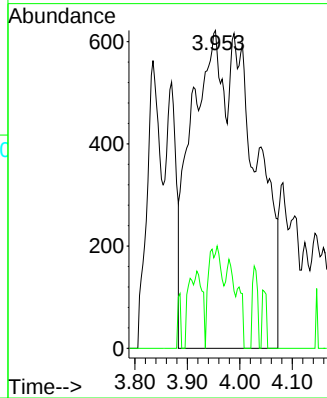
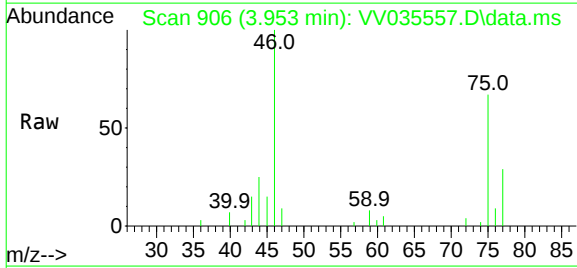




#22
2-Butanone
Concen: 2.134 ug/L m
RT: 3.953 min Scan# 90
Delta R.T. 0.042 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

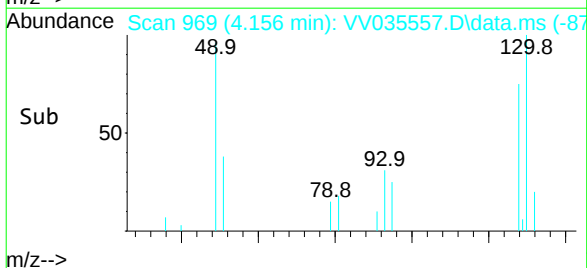
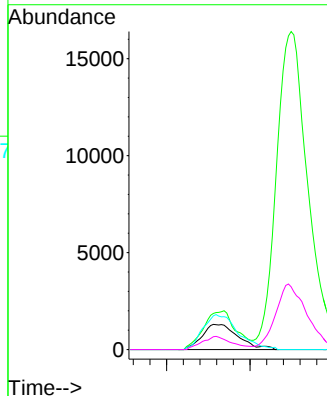
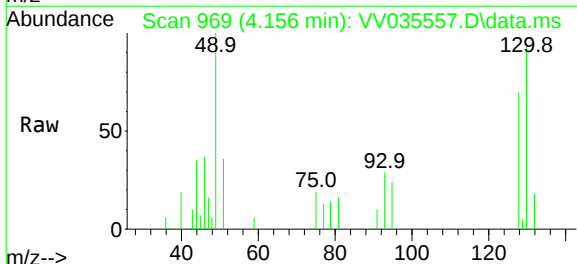
Instrument :
MSVOA_V
ClientSampleId :
MDL03

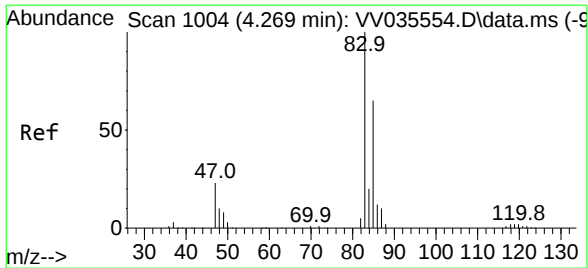
Tgt Ion: 43 Resp: 5158
Ion Ratio Lower Upper
43 100
72 0.8 12.3 36.9#



#23
Bromochloromethane
Concen: 1.054 ug/L m
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 128 Resp: 3902
Ion Ratio Lower Upper
128 100
49 143.5 103.1 191.5
130 134.1 91.8 170.4
51 51.0 37.0 55.4





#25

Chloroform

Concen: 1.233 ug/L

RT: 4.281 min Scan# 10

Delta R.T. 0.013 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

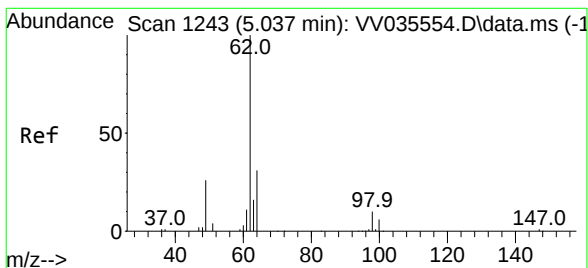
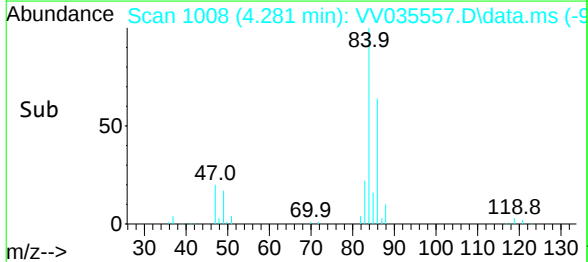
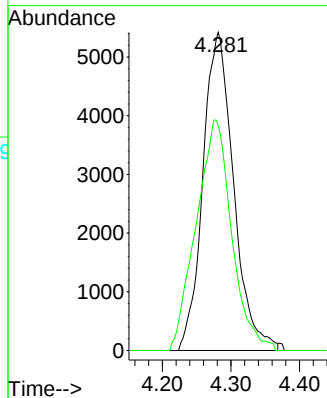
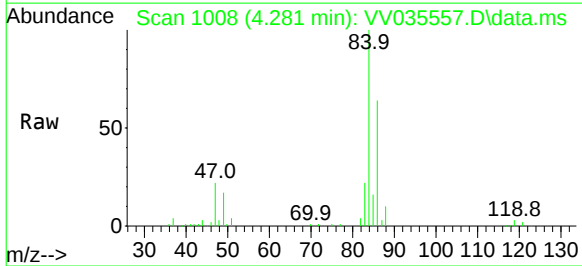
MDL03

Tgt Ion: 83 Resp: 16847

Ion Ratio Lower Upper

83 100

85 70.7 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.961 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.019 min

Lab File: VV035557.D

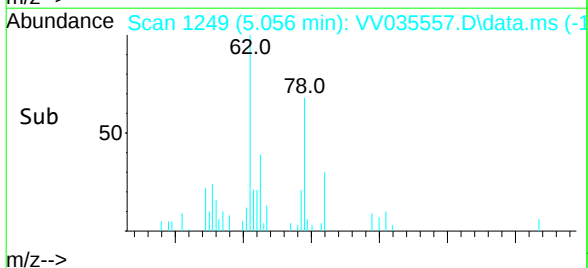
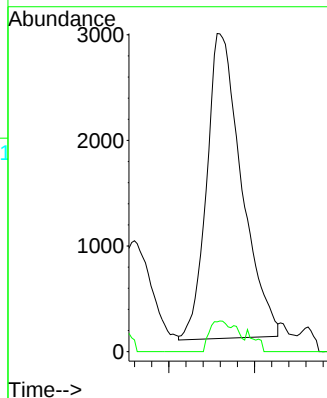
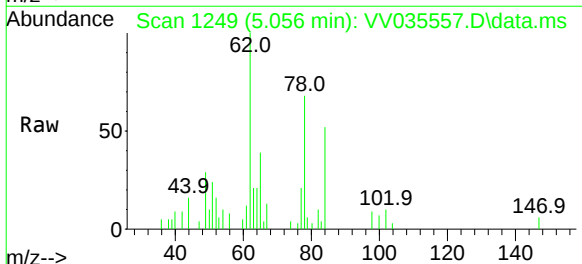
Acq: 08 May 2024 11:25

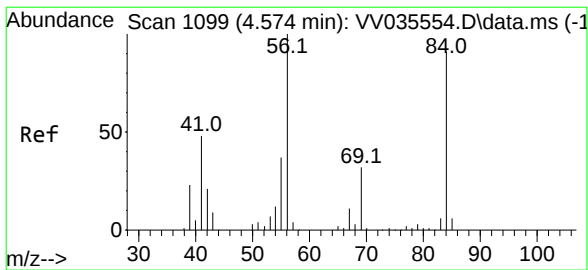
Tgt Ion: 62 Resp: 8177

Ion Ratio Lower Upper

62 100

98 9.4 8.2 12.2





#29

Cyclohexane

Concen: 0.895 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

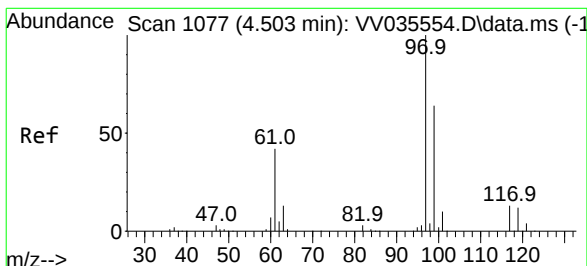
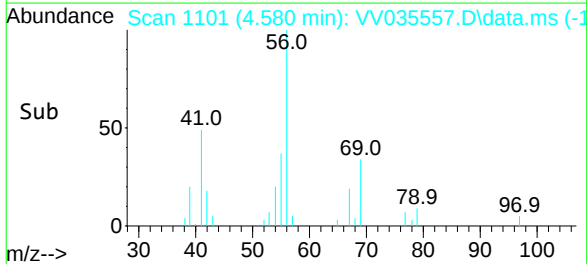
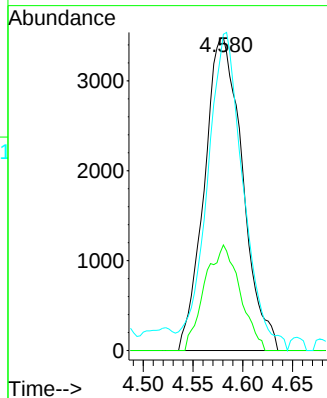
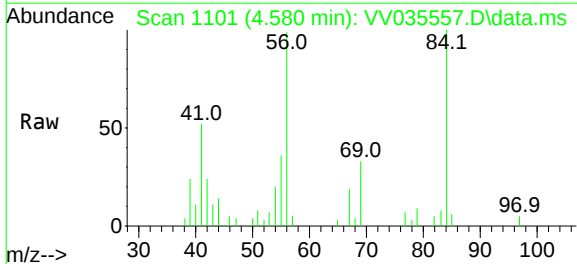
Tgt Ion: 56 Resp: 9275

Ion Ratio Lower Upper

56 100

69 18.5 25.6 38.4#

84 84.3 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 0.920 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.010 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

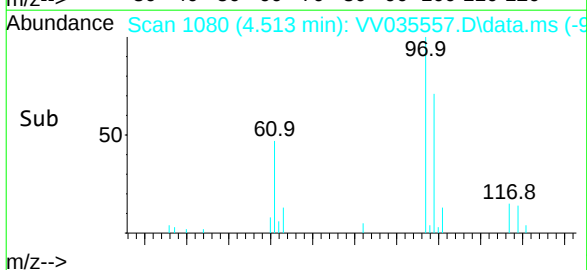
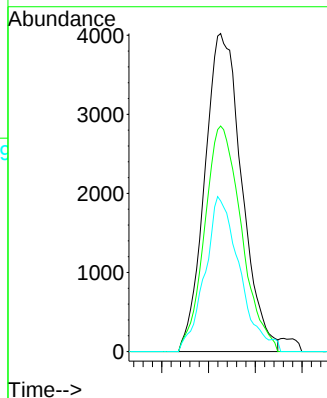
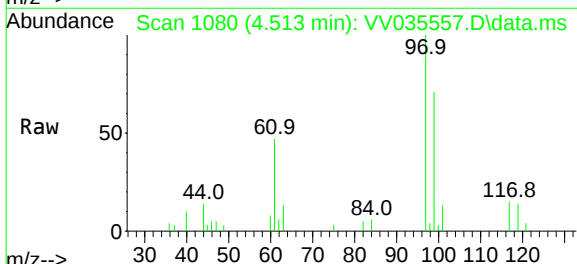
Tgt Ion: 97 Resp: 11058

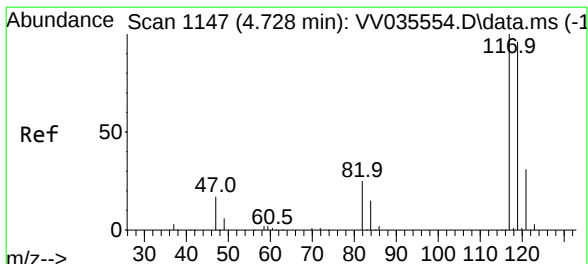
Ion Ratio Lower Upper

97 100

99 70.4 51.7 77.5

61 44.8 33.5 50.3

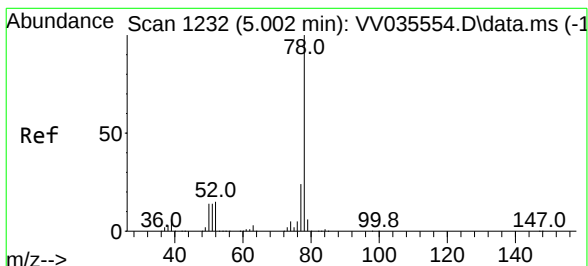
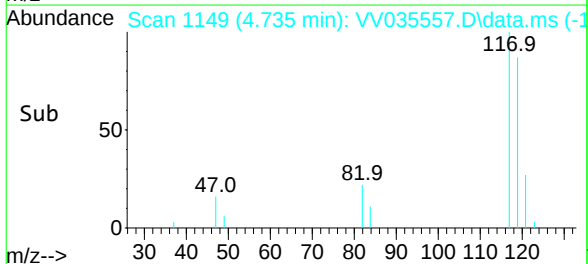
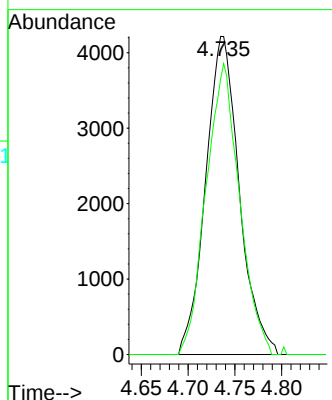
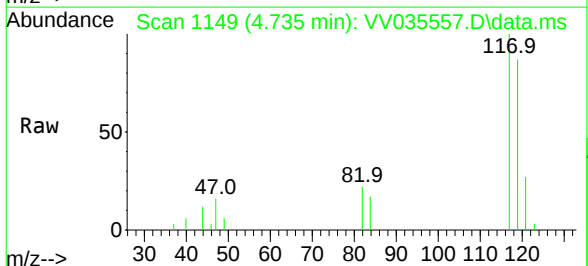




#31
Carbon tetrachloride
Concen: 0.999 ug/L
RT: 4.735 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

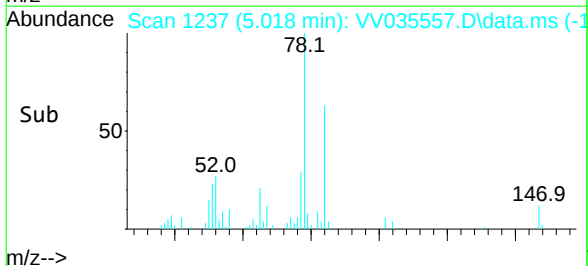
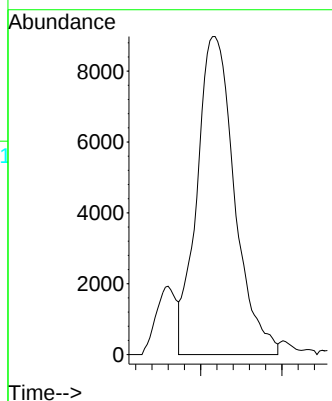
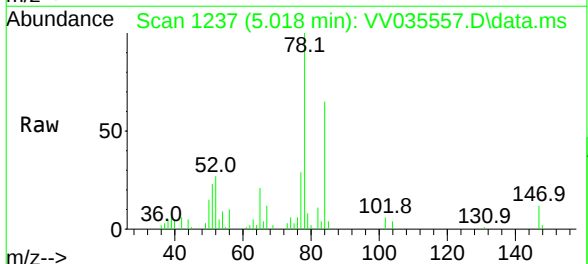
Instrument : MSVOA_V
ClientSampleId : MDL03

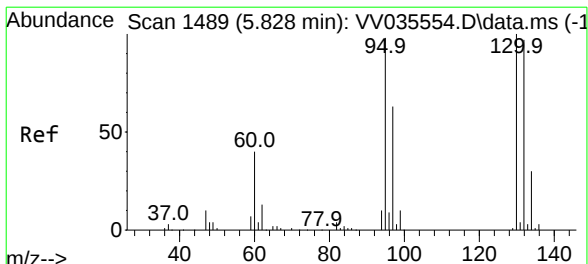
Tgt Ion: 117 Resp: 10540
Ion Ratio Lower Upper
117 100
119 91.0 77.3 115.9



#33
Benzene
Concen: 1.006 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.016 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

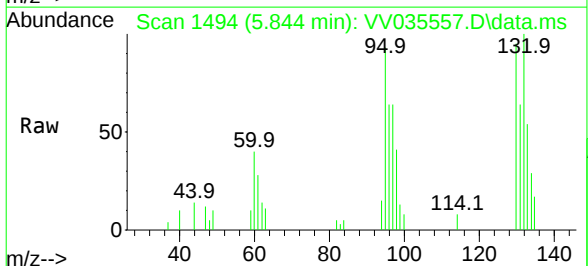
Tgt Ion: 78 Resp: 28848



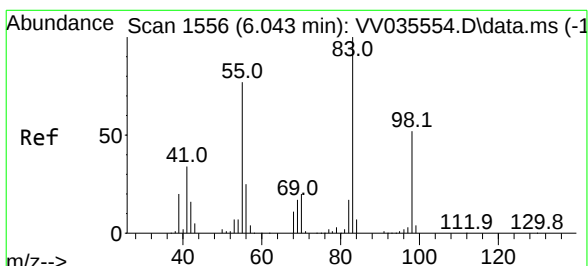
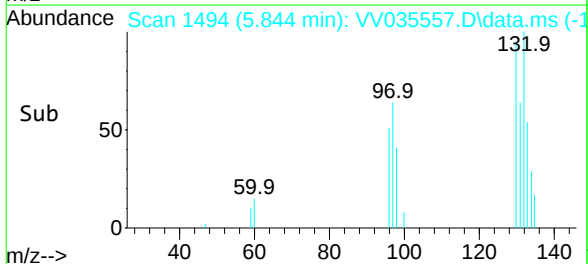
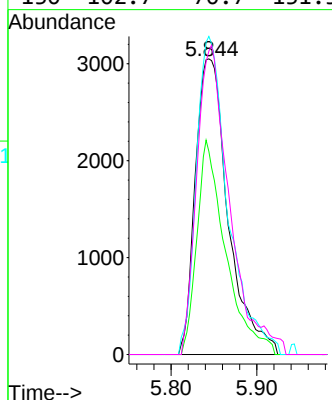


#34
 Trichloroethene
 Concen: 1.002 ug/L
 RT: 5.844 min Scan# 1489
 Delta R.T. 0.016 min
 Lab File: VV035557.D
 Acq: 08 May 2024 11:25

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

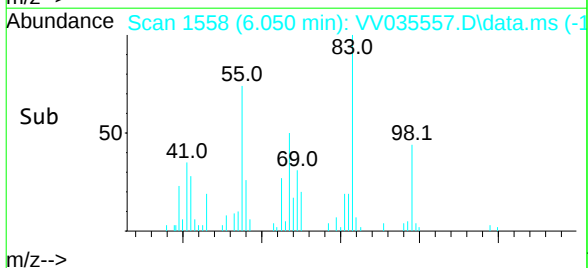
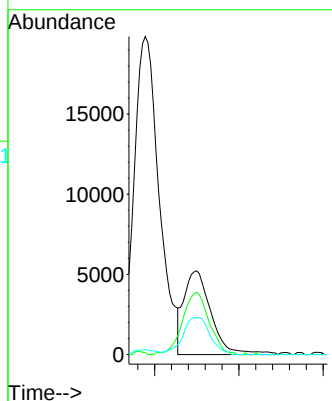
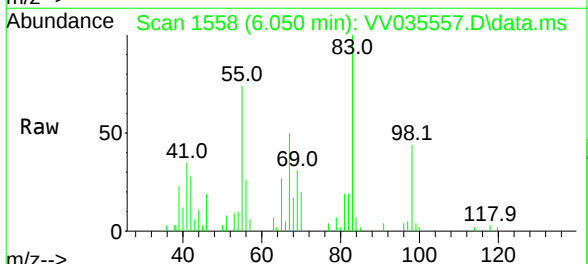


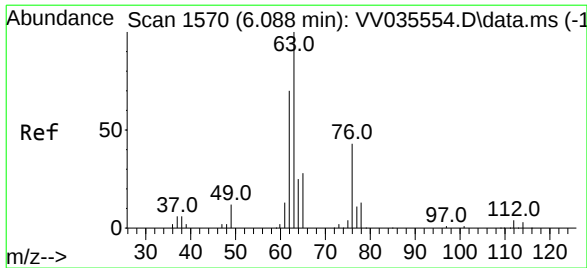
Tgt Ion:	95	Resp:	8130
Ion	Ratio	Lower	Upper
95	100		
97	68.7	43.8	81.4
132	107.6	67.1	124.7
130	102.7	70.7	131.3



#35
 Methylcyclohexane
 Concen: 0.949 ug/L m
 RT: 6.050 min Scan# 1558
 Delta R.T. 0.006 min
 Lab File: VV035557.D
 Acq: 08 May 2024 11:25

Tgt Ion:	83	Resp:	11692
Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.5	86.3
98	44.3	38.6	58.0

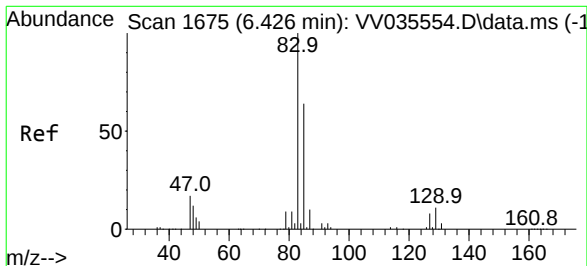
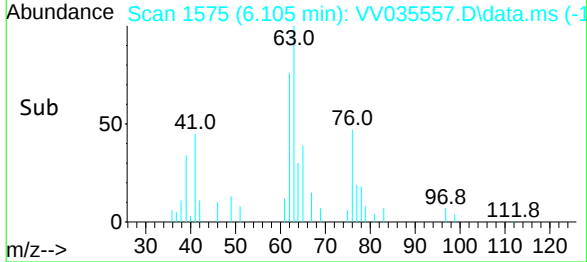
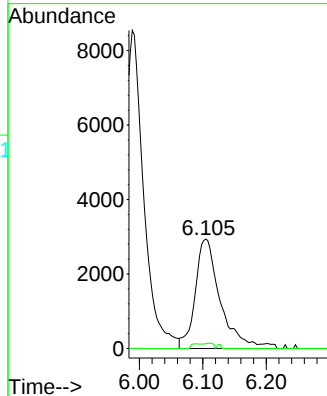
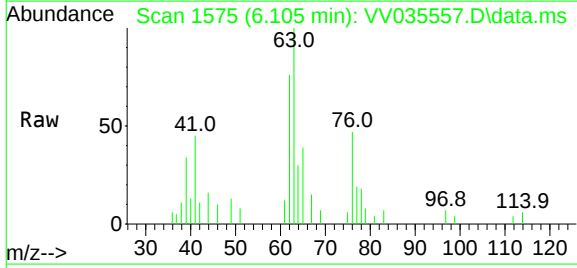




#37
1,2-Dichloropropane
Concen: 1.077 ug/L m
RT: 6.105 min Scan# 1570
Delta R.T. 0.016 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

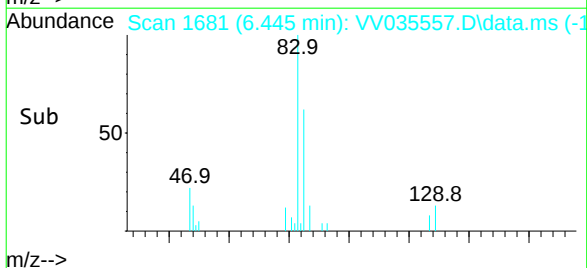
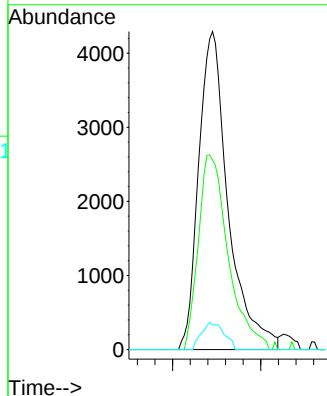
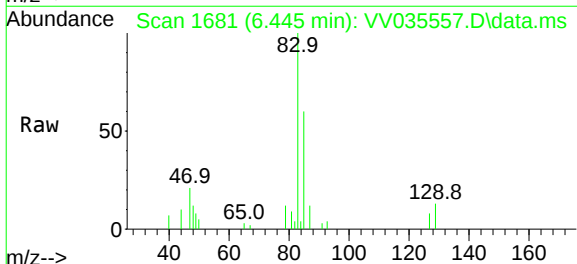
Instrument :
MSVOA_V
ClientSampleId :
MDL03

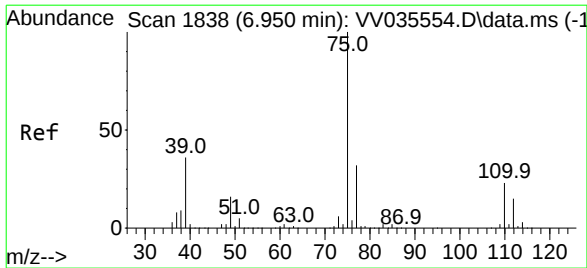
Tgt Ion: 63 Resp: 8061
Ion Ratio Lower Upper
63 100
112 0.9 3.8 5.6#



#38
Bromodichloromethane
Concen: 0.984 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 83 Resp: 9977
Ion Ratio Lower Upper
83 100
85 59.6 45.1 83.9
127 7.8 7.0 10.6

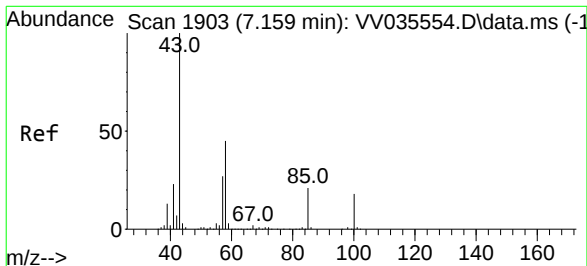
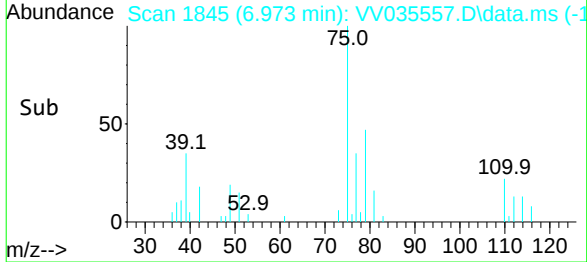
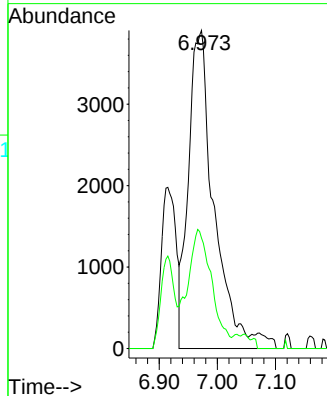
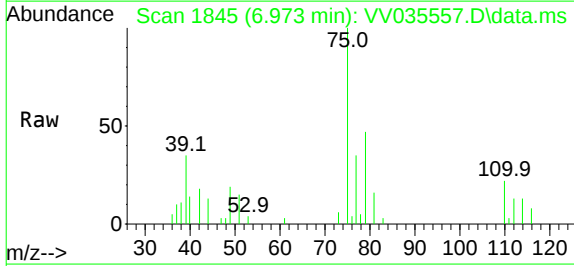




#39
cis-1,3-Dichloropropene
Concen: 1.026 ug/L m
RT: 6.973 min Scan# 18
Delta R.T. 0.022 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

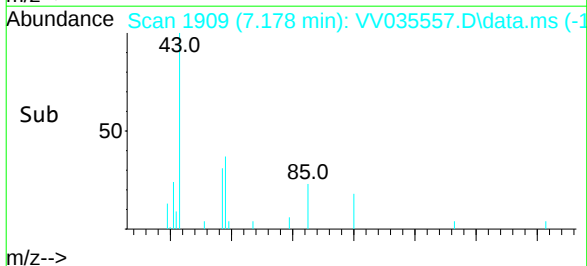
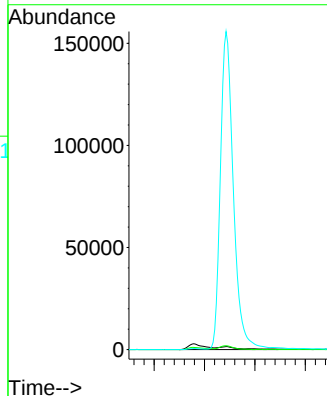
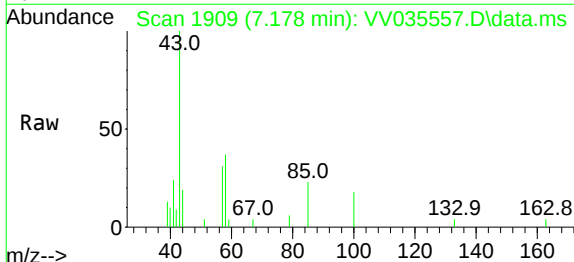
Instrument :
MSVOA_V
ClientSampleId :
MDL03

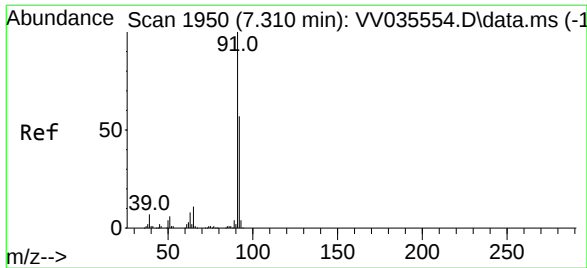
Tgt Ion: 75 Resp: 12010
Ion Ratio Lower Upper
75 100
77 34.7 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 2.365 ug/L m
RT: 7.178 min Scan# 1909
Delta R.T. 0.019 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 43 Resp: 10603
Ion Ratio Lower Upper
43 100
58 21.3 34.8 52.2#
100 8.7 13.9 20.9#





#42

Toluene

Concen: 0.960 ug/L

RT: 7.323 min Scan# 19

Delta R.T. 0.013 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

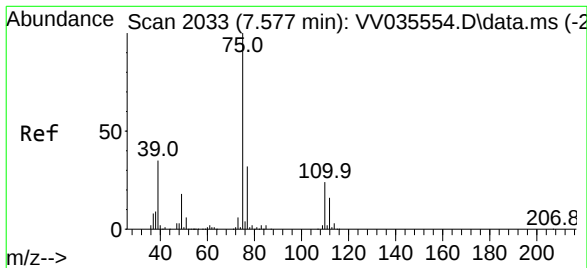
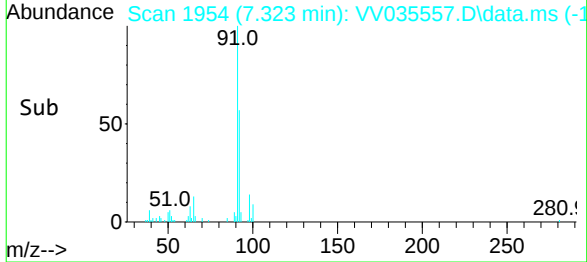
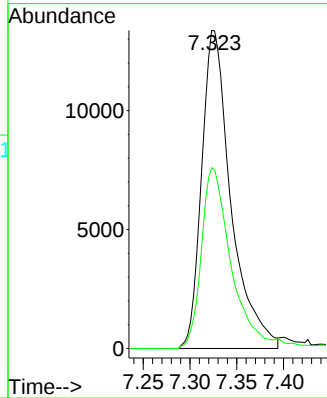
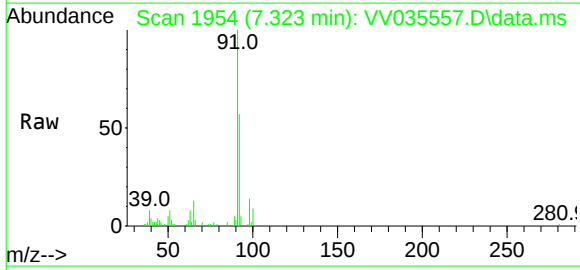
MDL03

Tgt Ion: 91 Resp: 29135

Ion Ratio Lower Upper

91 100

92 56.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 1.083 ug/L m

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV035557.D

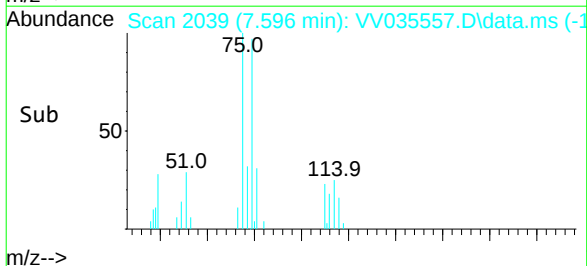
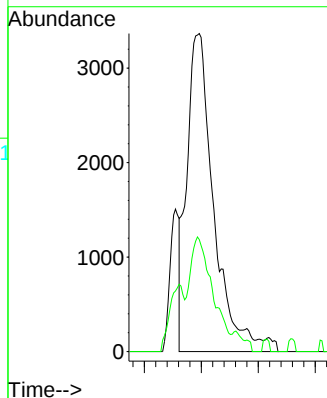
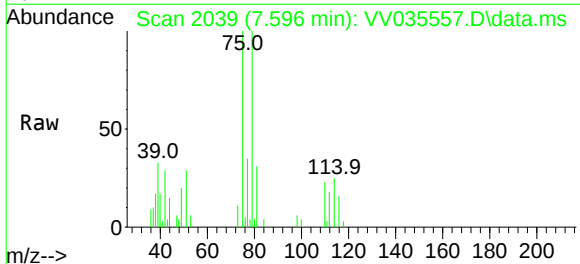
Acq: 08 May 2024 11:25

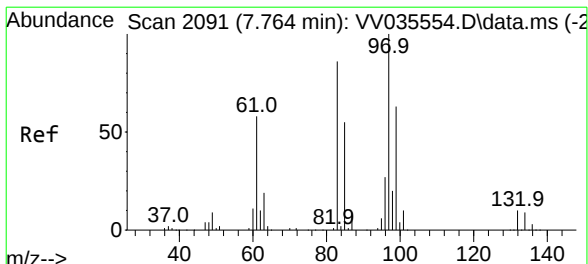
Tgt Ion: 75 Resp: 11088

Ion Ratio Lower Upper

75 100

77 35.2 22.4 41.6

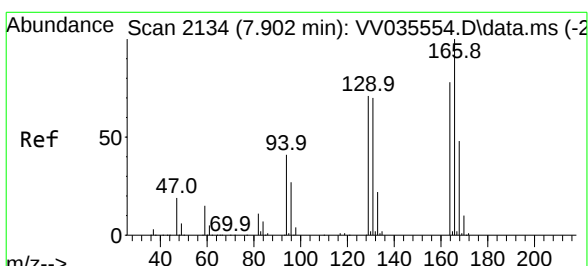
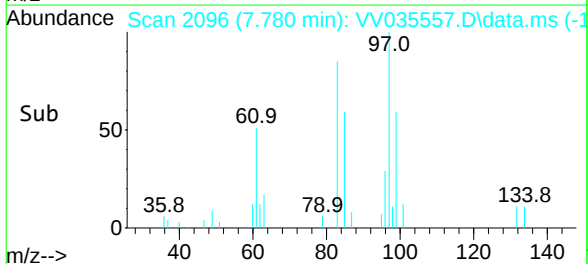
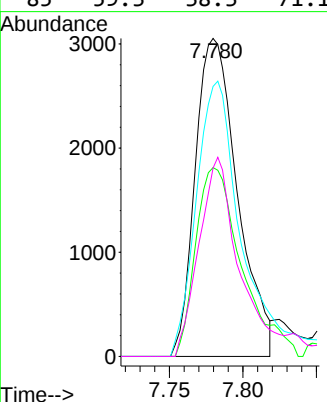
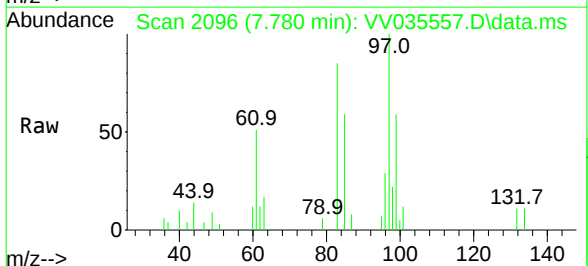




#45
 1,1,2-Trichloroethane
 Concen: 0.961 ug/L
 RT: 7.780 min Scan# 2091
 Delta R.T. 0.016 min
 Lab File: VV035557.D
 Acq: 08 May 2024 11:25

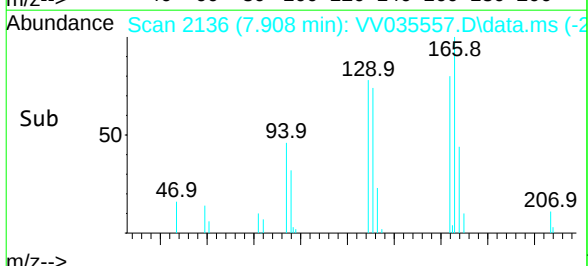
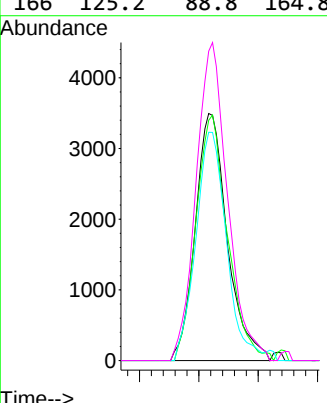
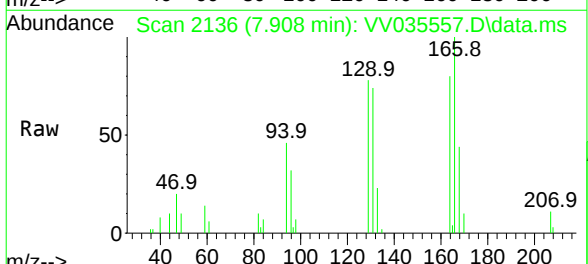
Instrument : MSVOA_V
 ClientSampleId : MDL03

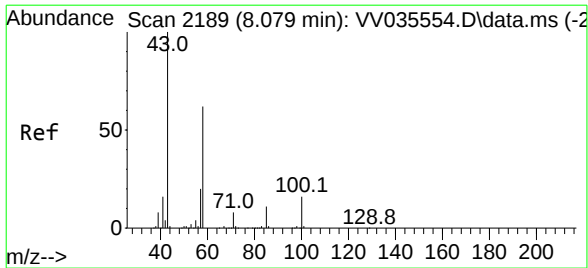
Tgt Ion:	97	Resp:	6109
Ion	Ratio	Lower	Upper
97	100		
99	59.4	43.3	80.3
83	84.9	60.3	111.9
85	59.3	38.3	71.1



#46
 Tetrachloroethene
 Concen: 0.993 ug/L
 RT: 7.908 min Scan# 2136
 Delta R.T. 0.006 min
 Lab File: VV035557.D
 Acq: 08 May 2024 11:25

Tgt Ion:	164	Resp:	6548
Ion	Ratio	Lower	Upper
164	100		
129	97.3	63.4	117.8
131	92.4	61.0	113.4
166	125.2	88.8	164.8

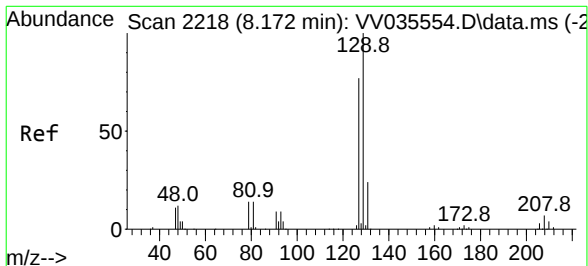
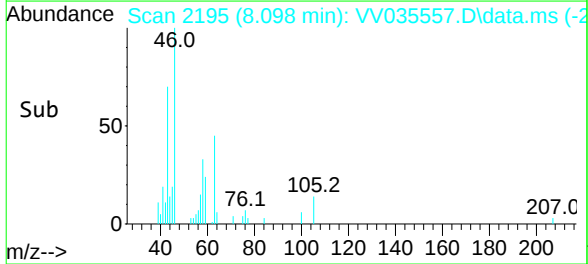
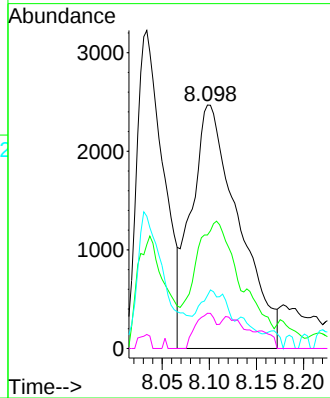
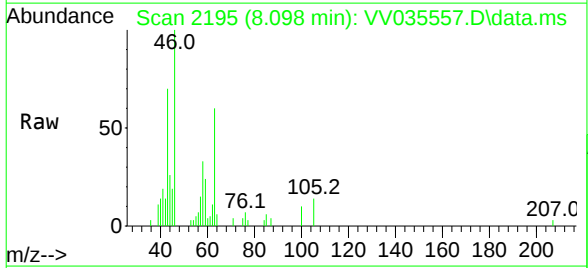




#48
2-Hexanone
Concen: 2.567 ug/L m
RT: 8.098 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

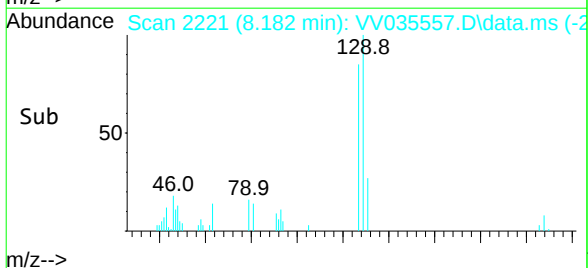
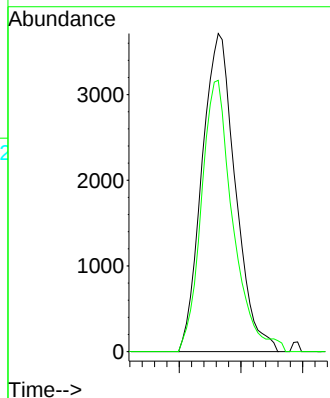
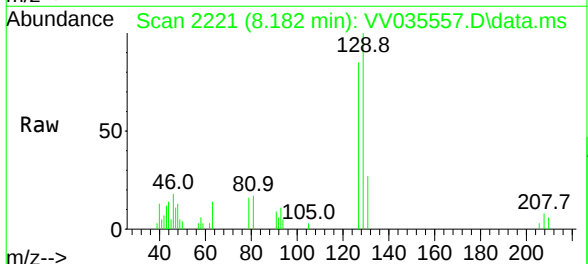
Instrument : MSVOA_V
ClientSampleId : MDL03

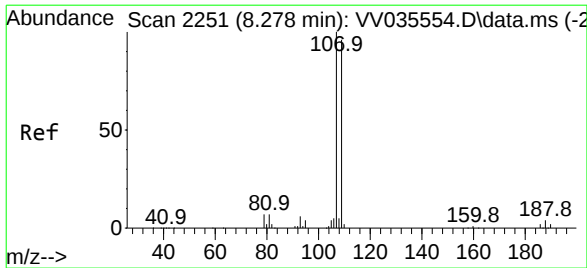
Tgt Ion: 43	Resp: 8628
Ion Ratio	Lower Upper
43 100	
58 0.0	48.8 73.2#
57 3.0	16.9 25.3#
100 6.1	11.7 17.5#



#49
Dibromochloromethane
Concen: 0.975 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.010 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 129	Resp: 6994
Ion Ratio	Lower Upper
129 100	
127 85.3	53.8 99.8

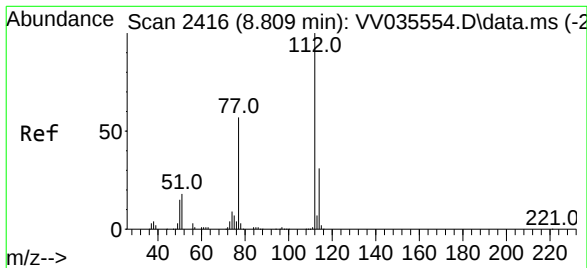
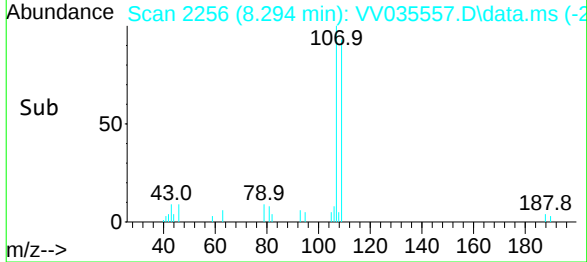
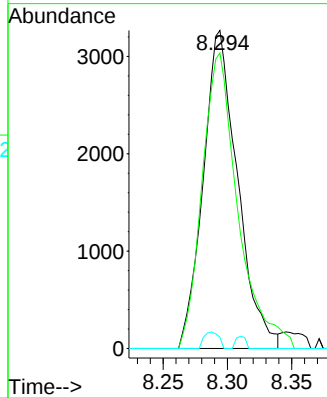
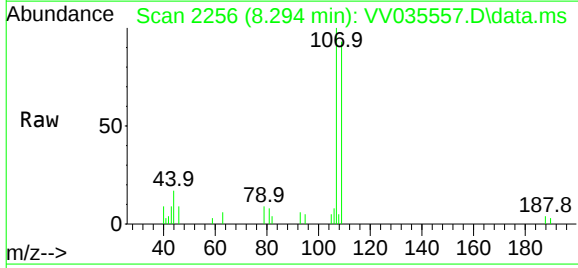




#50
1,2-Dibromoethane
Concen: 0.967 ug/L
RT: 8.294 min Scan# 2251
Delta R.T. 0.016 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

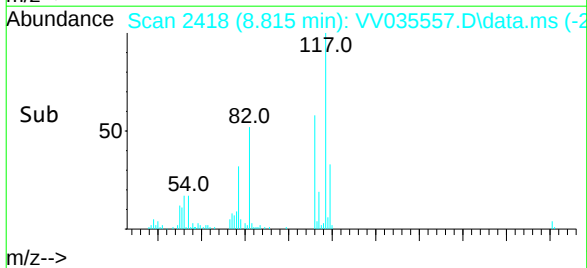
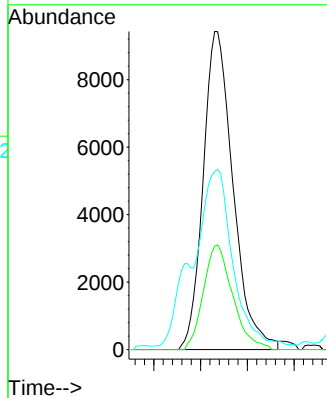
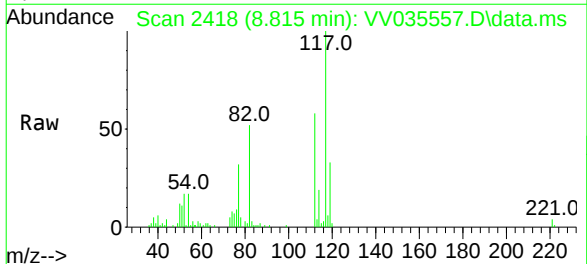
Instrument :
MSVOA_V
ClientSampleId :
MDL03

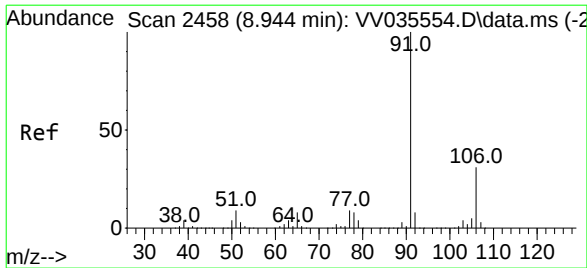
Tgt Ion:	107	Resp:	6061
Ion	Ratio	Lower	Upper
107	100		
109	92.9	65.4	121.4
188	3.5	2.9	4.3



#51
Chlorobenzene
Concen: 0.993 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion:	112	Resp:	20924
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.7
77	55.9	46.6	69.8

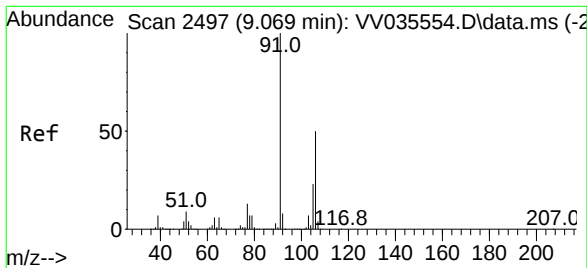
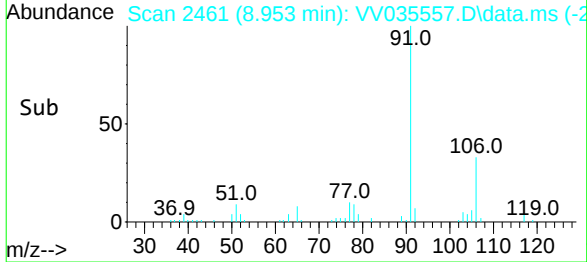
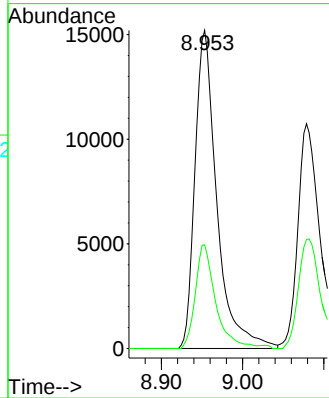
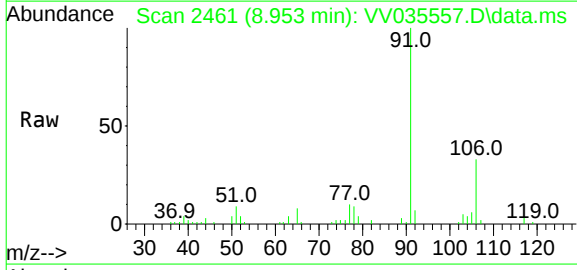




#52
Ethylbenzene
Concen: 0.848 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

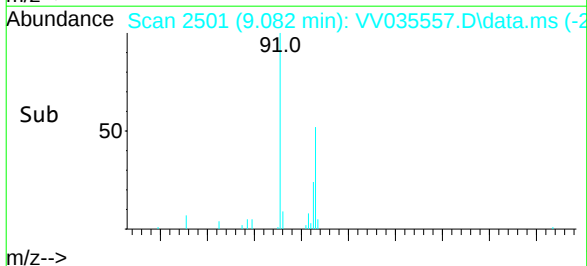
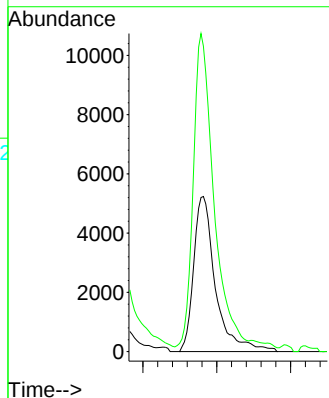
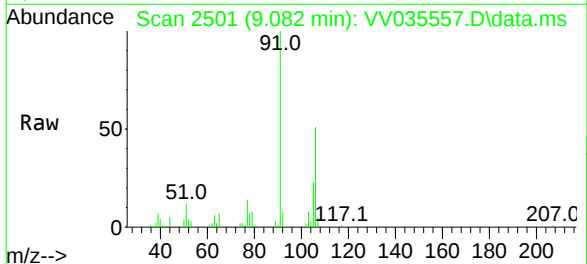
Instrument :
MSVOA_V
ClientSampleId :
MDL03

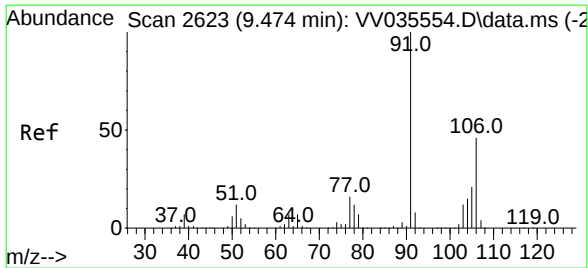
Tgt Ion: 91 Resp: 28432
Ion Ratio Lower Upper
91 100
106 32.6 21.7 40.3



#53
m,p-Xylene
Concen: 0.845 ug/L m
RT: 9.082 min Scan# 2501
Delta R.T. 0.013 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion: 106 Resp: 10744
Ion Ratio Lower Upper
106 100
91 196.9 142.7 264.9

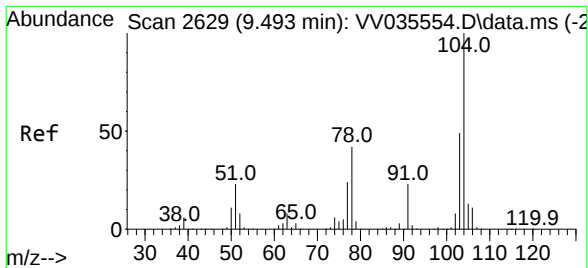
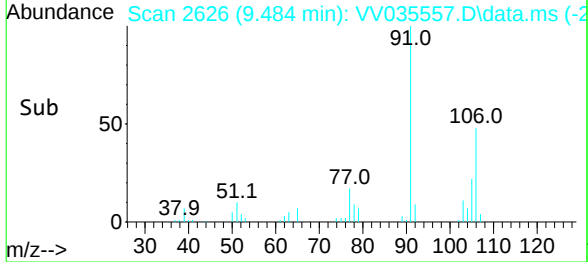
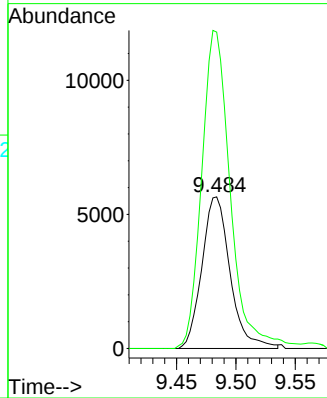
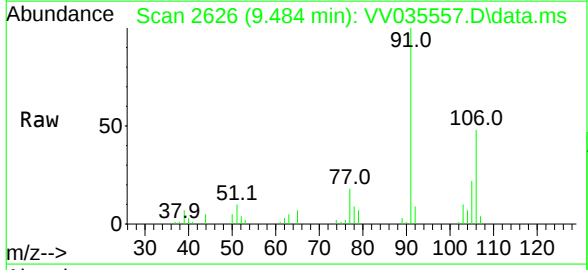




#54
o-Xylene
Concen: 0.777 ug/L
RT: 9.484 min Scan# 2623
Delta R.T. 0.010 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

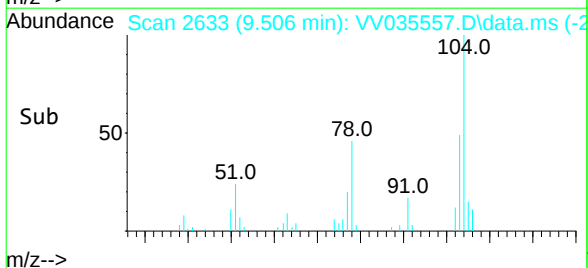
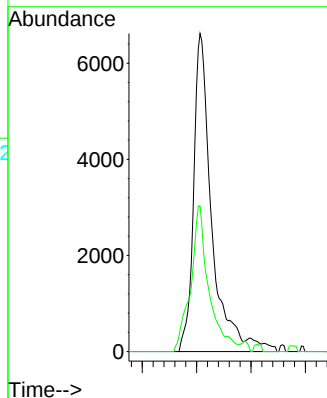
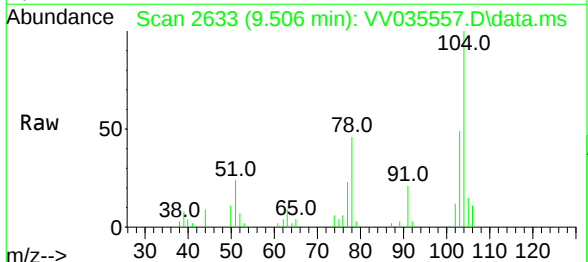
Instrument :
MSVOA_V
ClientSampleId :
MDL03

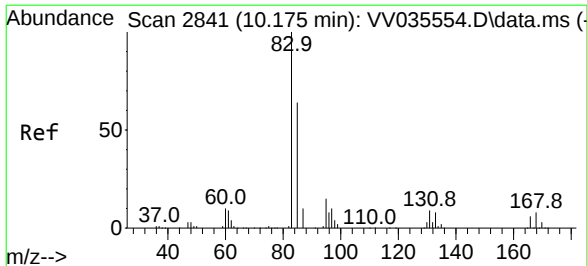
Tgt Ion:106 Resp: 9362
Ion Ratio Lower Upper
106 100
91 208.7 150.9 280.3



#55
Styrene
Concen: 0.731 ug/L m
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion:104 Resp: 15358
Ion Ratio Lower Upper
104 100
78 45.8 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 1.074 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

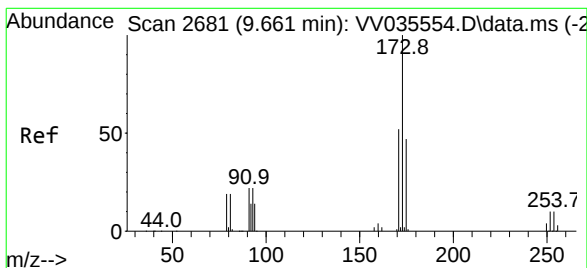
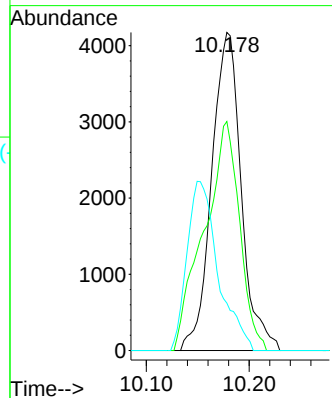
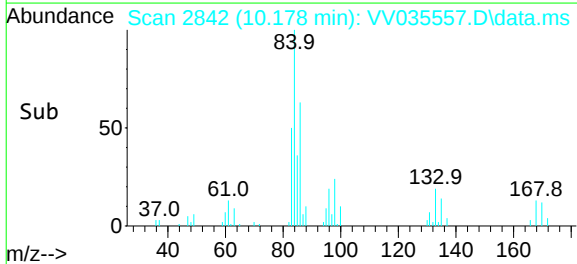
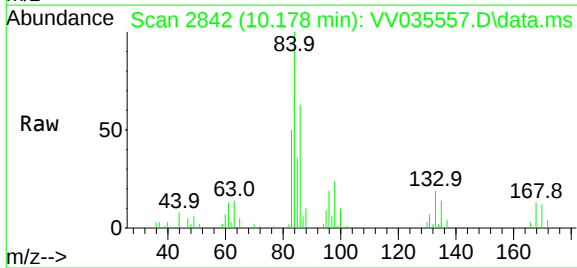
Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:	83	Resp:	8324
Ion Ratio	Lower	Upper	
83	100		
85	72.0	44.7	83.1
131	14.9	8.0	12.0



#59

Bromoform

Concen: 1.040 ug/L

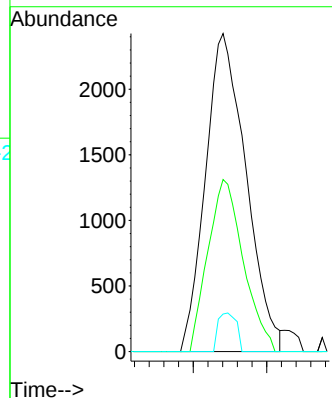
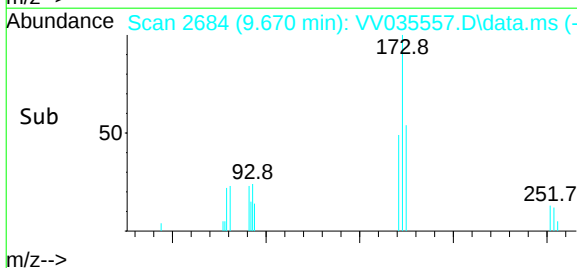
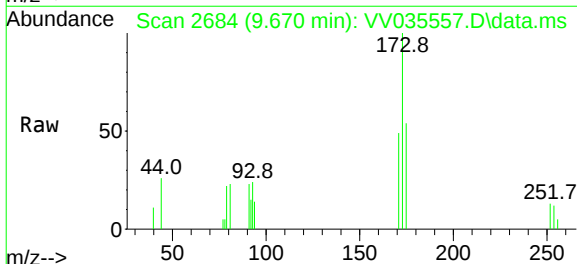
RT: 9.670 min Scan# 2684

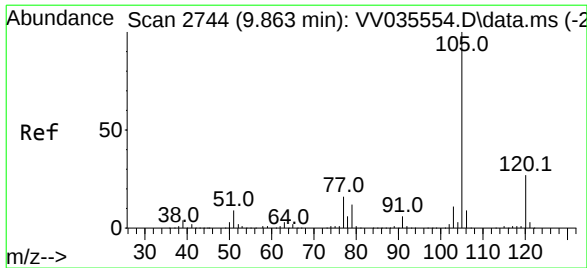
Delta R.T. 0.010 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Tgt Ion:	173	Resp:	4648
Ion Ratio	Lower	Upper	
173	100		
175	47.2	38.7	58.1
254	5.5	8.3	12.5

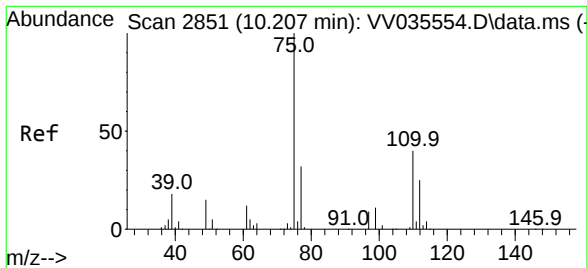
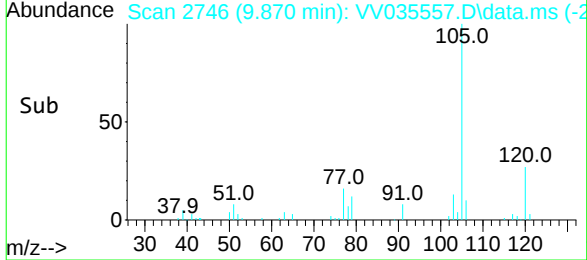
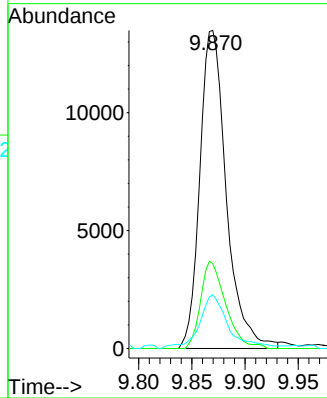
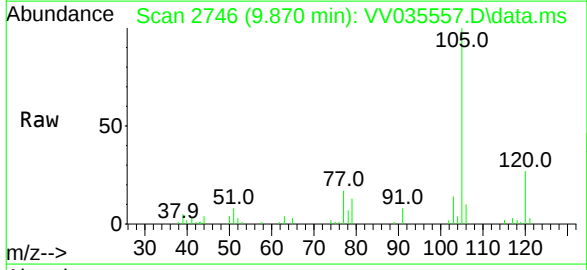




#60
Isopropylbenzene
Concen: 0.770 ug/L
RT: 9.870 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

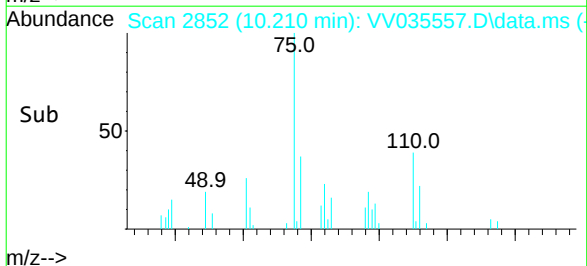
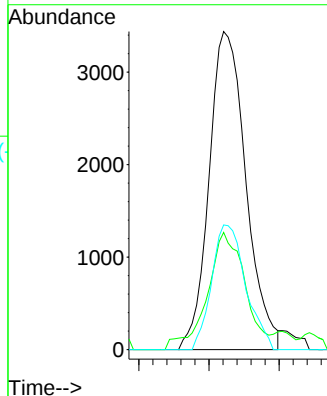
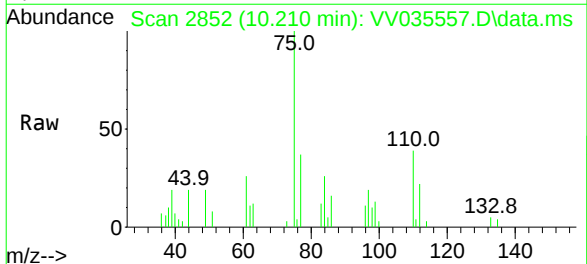
Instrument :
MSVOA_V
ClientSampleId :
MDL03

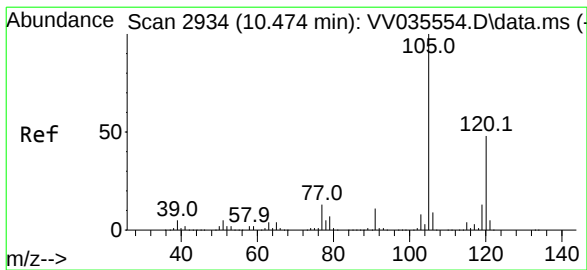
Tgt Ion:	105	Resp:	23325
Ion Ratio	Lower	Upper	
105	100		
120	25.5	21.3	31.9
77	15.2	12.2	18.2



#61
1,2,3-Trichloropropane
Concen: 1.179 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035557.D
Acq: 08 May 2024 11:25

Tgt Ion:	75	Resp:	6280
Ion Ratio	Lower	Upper	
75	100		
77	30.2	25.7	38.5
110	36.1	31.8	47.8





#62

1,3,5-Trimethylbenzene

Concen: 0.742 ug/L

RT: 10.477 min Scan# 29

Delta R.T. 0.003 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

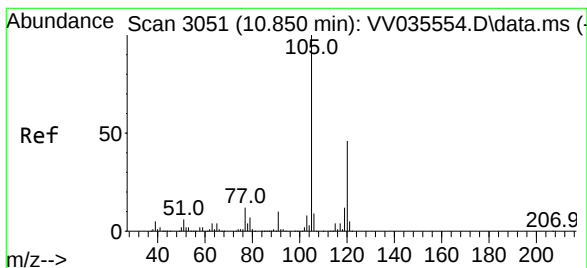
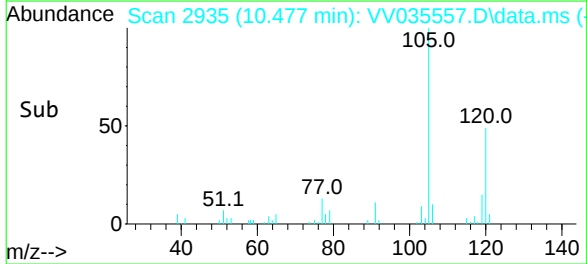
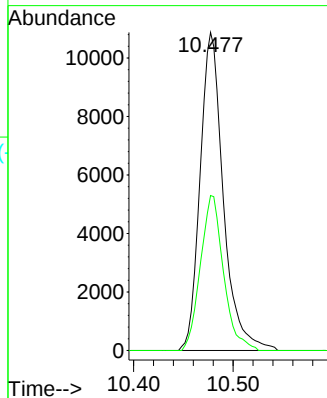
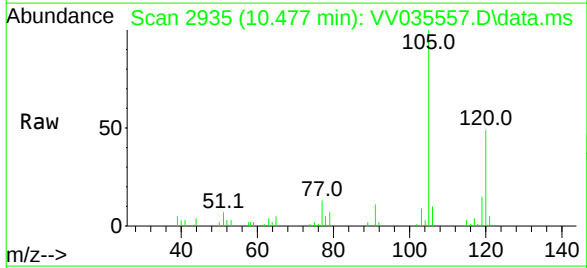
MDL03

Tgt Ion:105 Resp: 17620

Ion Ratio Lower Upper

105 100

120 48.5 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.723 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV035557.D

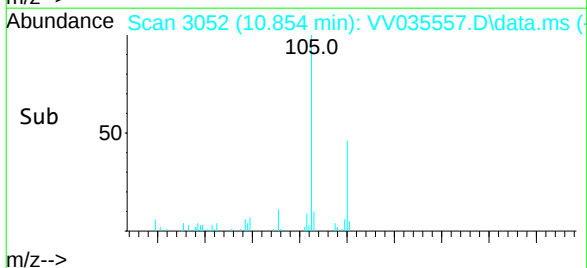
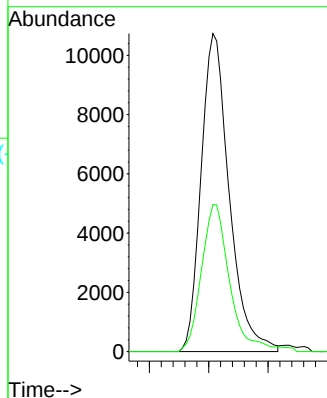
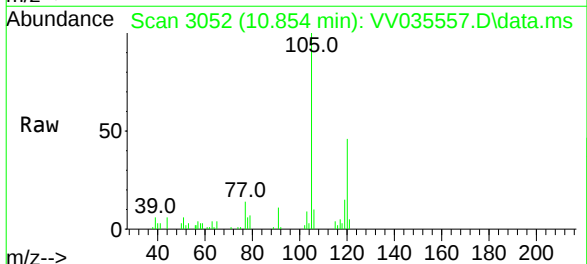
Acq: 08 May 2024 11:25

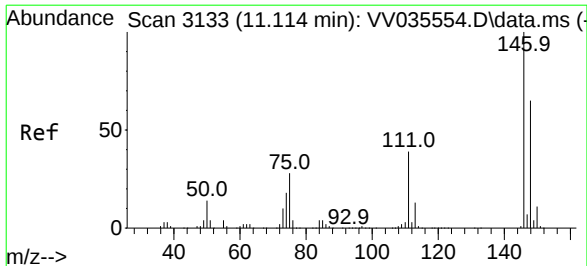
Tgt Ion:105 Resp: 17649

Ion Ratio Lower Upper

105 100

120 46.8 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 0.995 ug/L

RT: 11.124 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

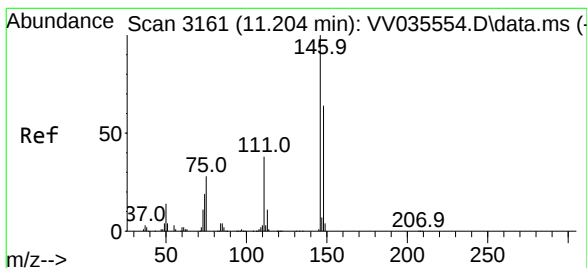
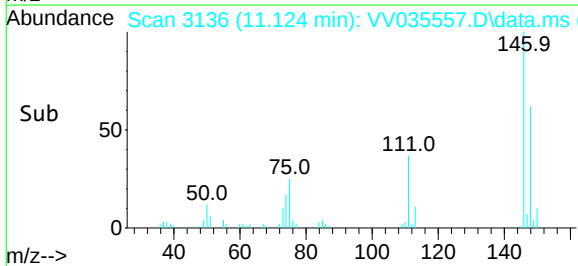
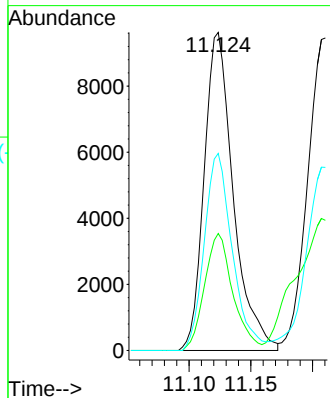
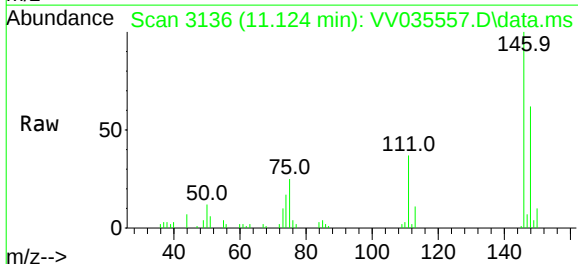
Tgt Ion:146 Resp: 15823

Ion Ratio Lower Upper

146 100

111 36.8 27.0 50.2

148 62.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 1.057 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.006 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

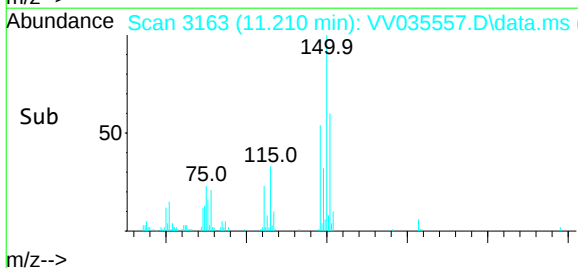
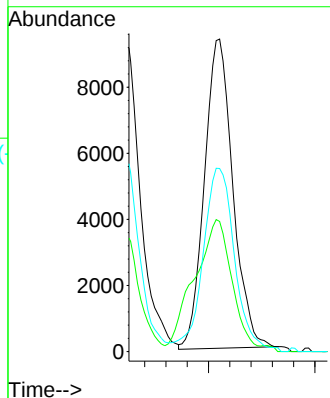
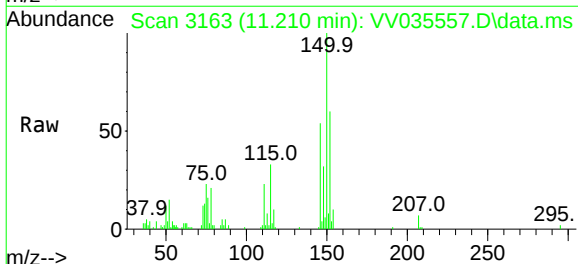
Tgt Ion:146 Resp: 17397

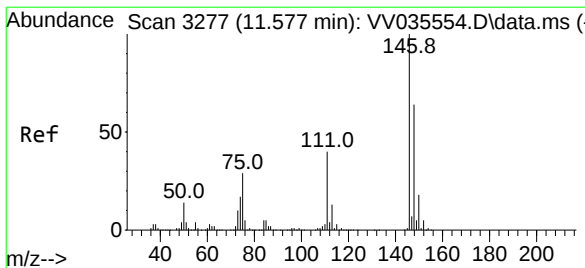
Ion Ratio Lower Upper

146 100

111 41.6 26.2 48.6

148 58.6 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 1.101 ug/L

RT: 11.577 min Scan# 32

Delta R.T. -0.000 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

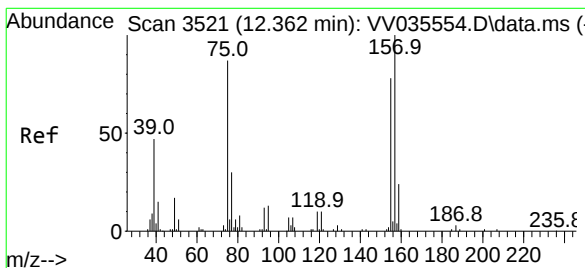
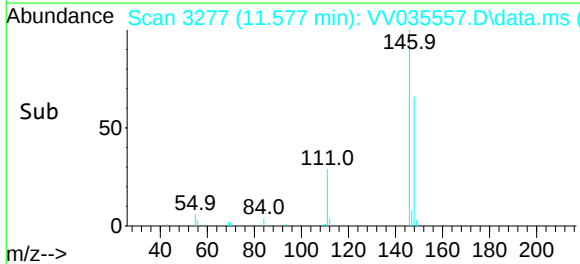
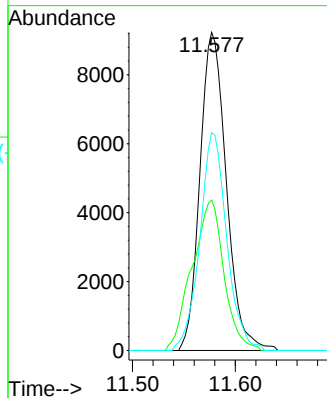
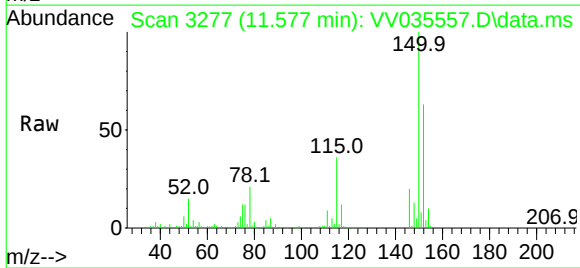
Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:	146	Resp:	16470
Ion	Ratio	Lower	Upper
146	100		
111	47.3	32.6	48.8
148	68.4	51.1	76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 1.053 ug/L

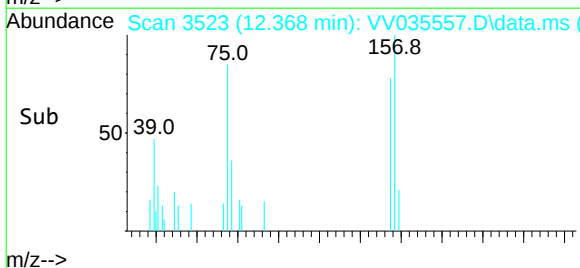
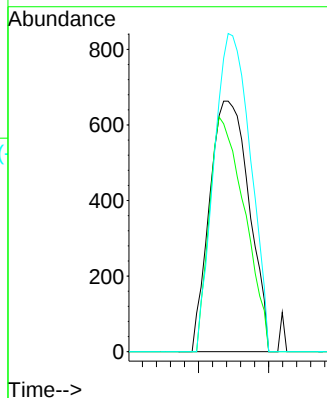
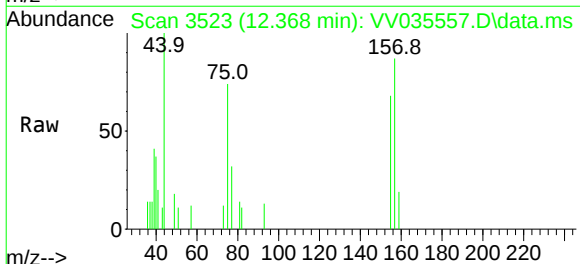
RT: 12.368 min Scan# 3523

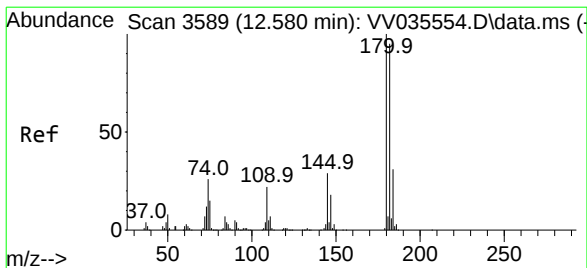
Delta R.T. 0.006 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Tgt Ion:	75	Resp:	1301
Ion	Ratio	Lower	Upper
75	100		
155	91.0	69.8	104.6
157	117.2	95.0	142.6





#69

1,3,5-Trichlorobenzene

Concen: 0.951 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:180 Resp: 11815

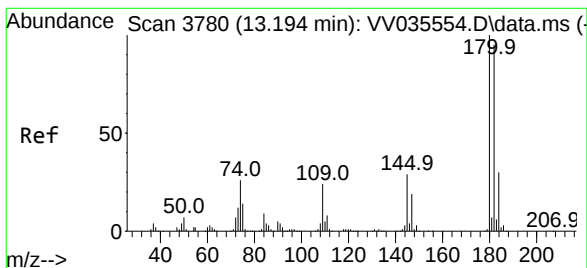
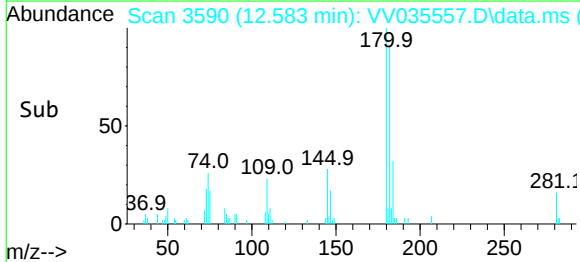
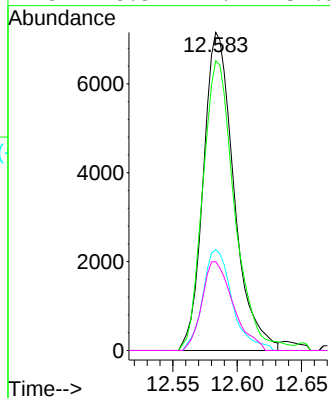
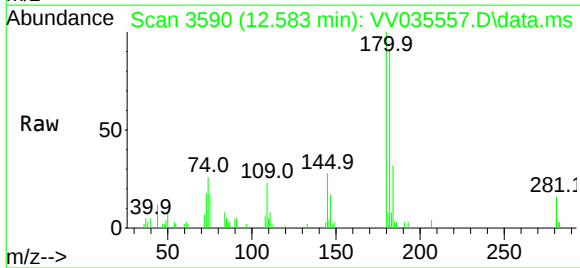
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

184 30.6 24.1 36.1

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.947 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

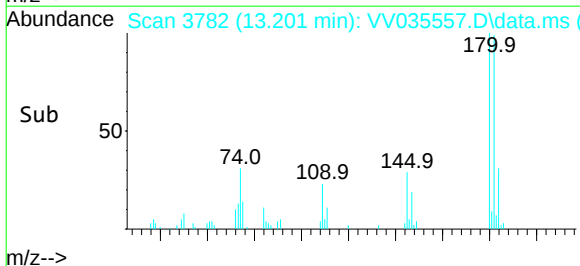
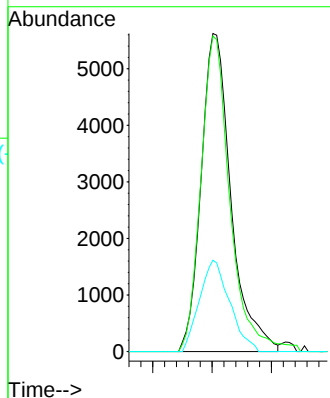
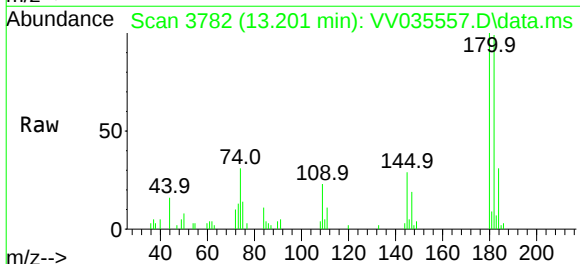
Tgt Ion:180 Resp: 9825

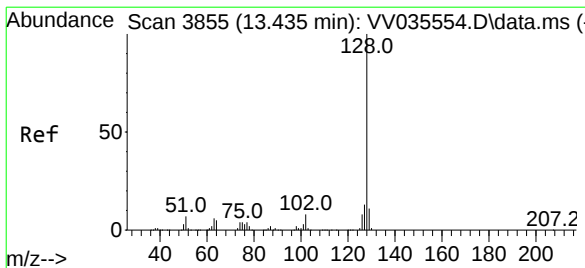
Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

145 29.0 23.2 34.8





#71

Naphthalene

Concen: 0.862 ug/L m

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

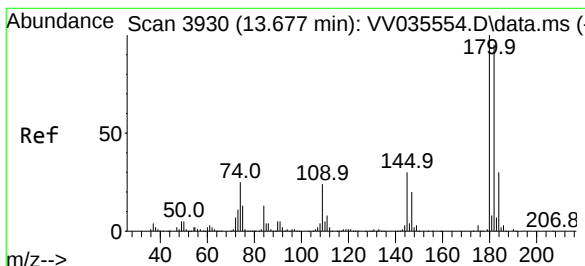
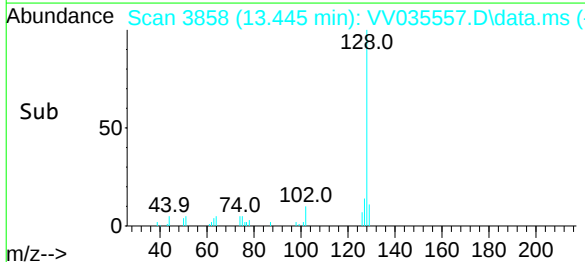
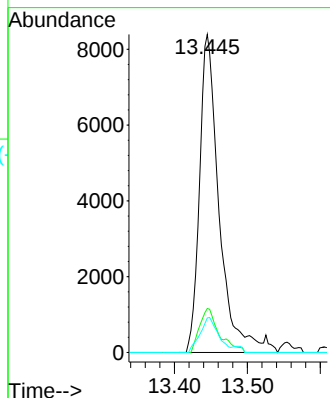
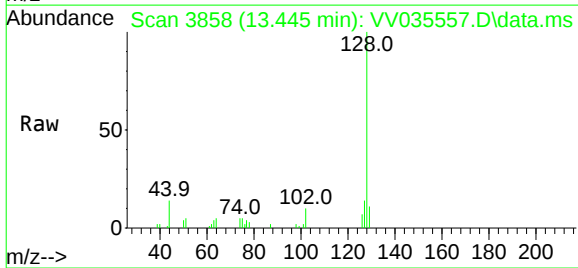
Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:	128	Resp:	15702
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.4	15.6
129	10.2	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 0.957 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035557.D

Acq: 08 May 2024 11:25

Tgt Ion:	180	Resp:	8929
Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.8	113.6
145	36.2	25.2	37.8

