

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	654543	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	622698	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	317678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24694	4.298	ug/L	0.00
7) Chloroethane-d5	1.532	69	19659	4.408	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	10448	4.352	ug/L	0.00
21) 2-Butanone-d5	3.822	46	7141	3.568	ug/L	0.03
24) Chloroform-d	4.249	84	47820	4.678	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	28910	4.832	ug/L	0.00
32) Benzene-d6	4.957	84	86405	4.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	33211	5.179	ug/L	0.00
41) Toluene-d8	7.246	98	75093	4.250	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	13016	4.516	ug/L	0.01
47) 2-Hexanone-d5	8.047	63	9920	7.877	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	37209	5.161	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	33117	4.947	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	29470	5.289	ug/L	96
3) Chloromethane	1.217	50	28026	5.181	ug/L	93
5) Vinyl chloride	1.285	62	31080	5.359	ug/L	98
6) Bromomethane	1.487	94	16819	5.226	ug/L	92
8) Chloroethane	1.548	64	19532	5.464	ug/L	97
9) Trichlorofluoromethane	1.712	101	41757	5.349	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24910	5.340	ug/L	97
12) 1,1-Dichloroethene	2.069	96	23188	5.321	ug/L	85
13) Acetone	2.114	43	23468	11.697	ug/L	93
14) Carbon disulfide	2.240	76	76912	5.654	ug/L	99
15) Methyl Acetate	2.372	43	19278	5.506	ug/L	100
16) Methylene chloride	2.446	84	27241	5.521	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	25252	5.478	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	69326	5.242	ug/L	99
19) 1,1-Dichloroethane	3.105	63	47383	5.365	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	26043	5.048	ug/L	92
22) 2-Butanone	4.082	43	216	0.100	ug/L	80
23) Bromochloromethane	4.150	128	13760	5.156	ug/L	94
25) Chloroform	4.275	83	48937	5.351	ug/L	93
27) 1,2-Dichloroethane	5.043	62	33987	5.265	ug/L	97
29) Cyclohexane	4.574	56	34973	4.947	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	40434	5.272	ug/L	98
31) Carbon tetrachloride	4.725	117	35461	5.318	ug/L	95
33) Benzene	5.008	78	95642	5.093	ug/L	100
34) Trichloroethene	5.834	95	25803	5.159	ug/L	96
35) Methylcyclohexane	6.043	83	38520	5.007	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24073	4.964	ug/L	100
38) Bromodichloromethane	6.433	83	31702	4.890	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	35705	4.612	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	35309	9.103	ug/L	97
42) Toluene	7.317	91	93423	4.799	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	31267	4.486	ug/L	96

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 ClientSampleId :

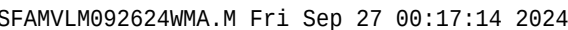
Quant Time: Sep 27 00:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

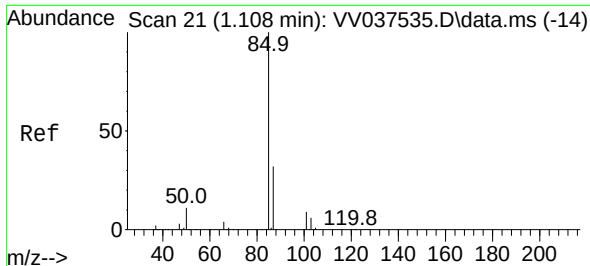
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	24160	5.188	ug/L	97
46) Tetrachloroethene	7.902	164	19916	5.208	ug/L	97
48) 2-Hexanone	8.088	43	24772	8.605	ug/L #	69
49) Dibromochloromethane	8.172	129	25036	5.080	ug/L	96
50) 1,2-Dibromoethane	8.285	107	24901	5.173	ug/L	89
51) Chlorobenzene	8.812	112	69000	5.202	ug/L	98
52) Ethylbenzene	8.944	91	107134	4.889	ug/L	98
53) m,p-Xylene	9.072	106	37376	4.583	ug/L	97
54) o-Xylene	9.474	106	36567	4.592	ug/L	99
55) Styrene	9.497	104	61211	4.416	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	34050	5.245	ug/L	98
59) Bromoform	9.664	173	15867	5.110	ug/L	99
60) Isopropylbenzene	9.863	105	101369	4.908	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	25210	5.577	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	73999	4.532	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	72435	4.458	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	51358	5.166	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	53410	5.160	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	51181	5.208	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	5881	5.359	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	35799	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	32710	5.157	ug/L	97
71) Naphthalene	13.439	128	81900	4.942	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	32626	5.209	ug/L	98

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

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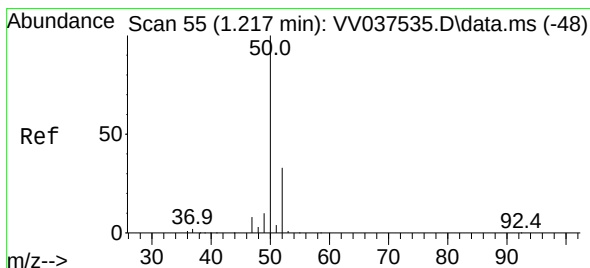
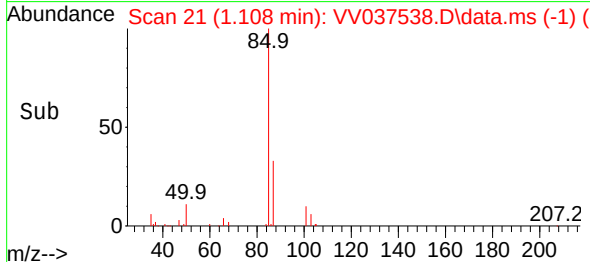
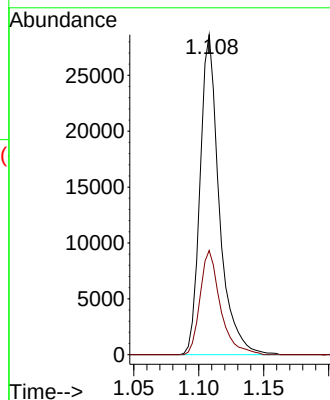
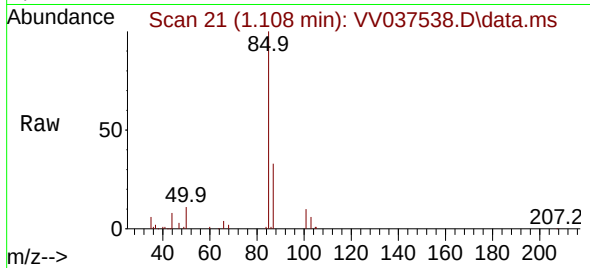




#2
 Dichlorodifluoromethane
 Concen: 5.289 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

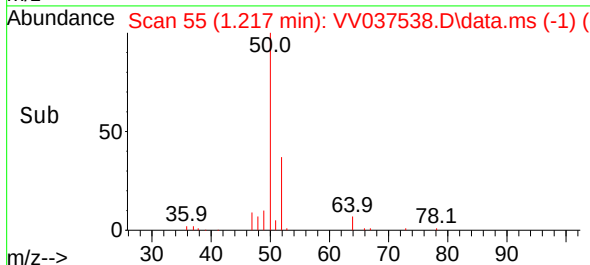
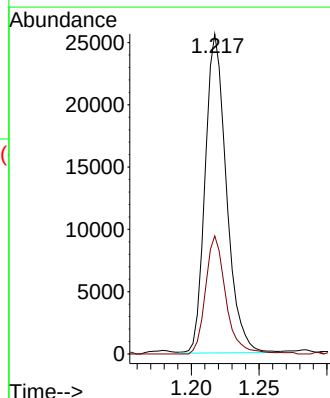
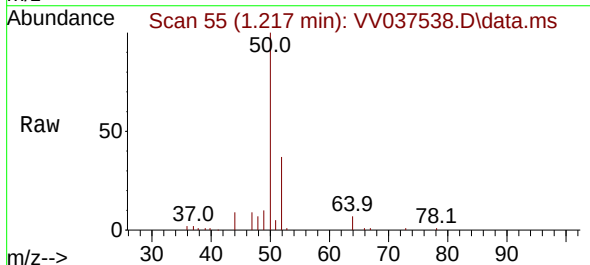
Instrument :
 MSVOA_V
 ClientSampleId :

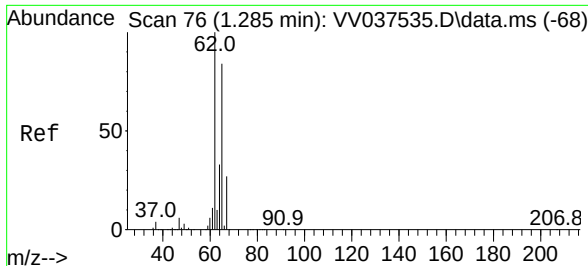
Tgt Ion: 85 Resp: 29470
 Ion Ratio Lower Upper
 85 100
 87 34.3 25.8 38.8



#3
 Chloromethane
 Concen: 5.181 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

Tgt Ion: 50 Resp: 28026
 Ion Ratio Lower Upper
 50 100
 52 36.9 23.2 43.2

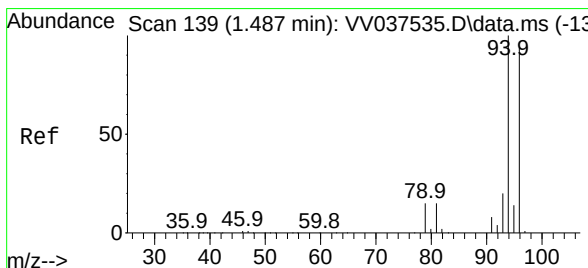
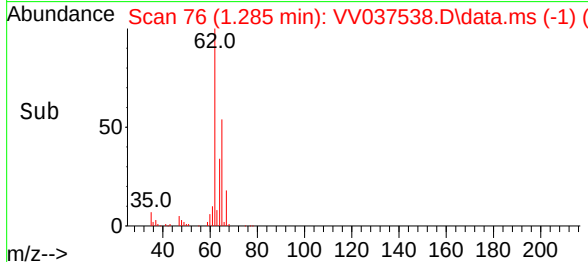
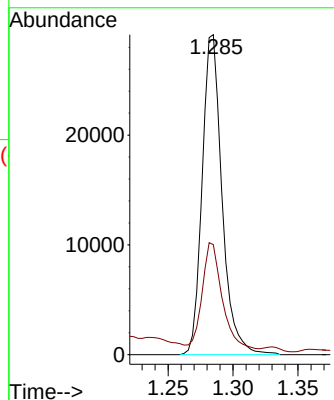
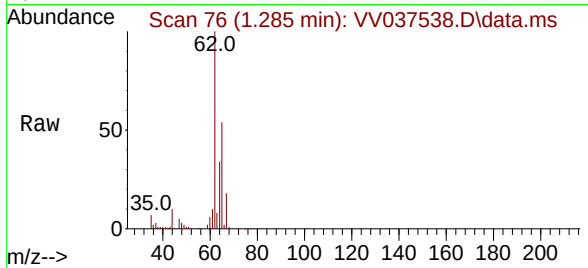




#5
 Vinyl chloride
 Concen: 5.359 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

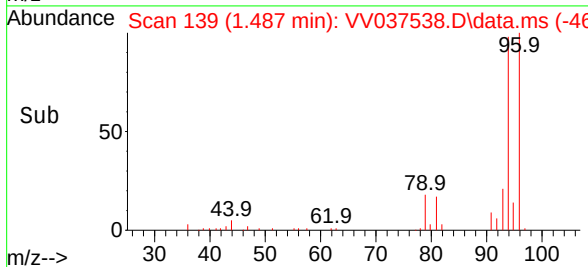
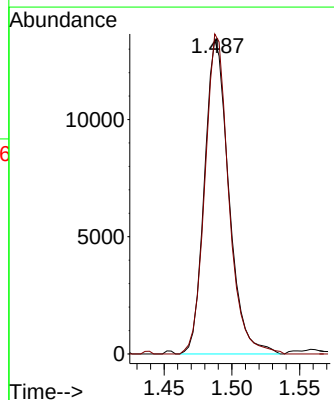
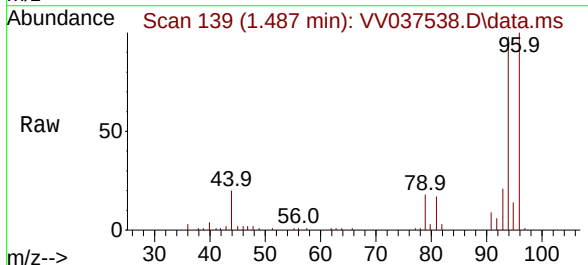
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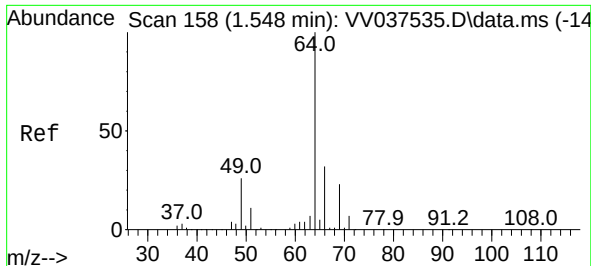
Tgt Ion: 62 Resp: 31080
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.0



#6
 Bromomethane
 Concen: 5.226 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

Tgt Ion: 94 Resp: 16819
 Ion Ratio Lower Upper
 94 100
 96 101.8 65.8 122.2

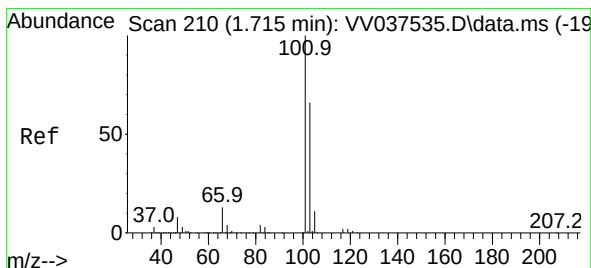
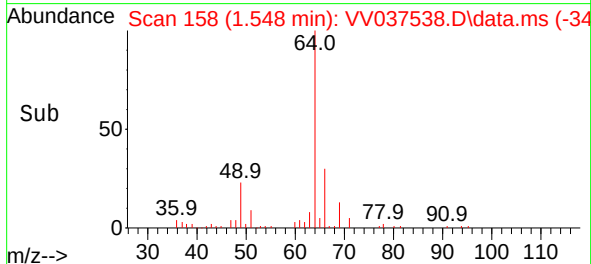
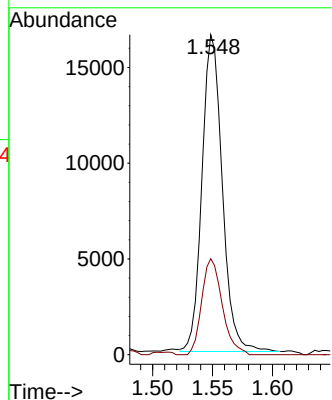
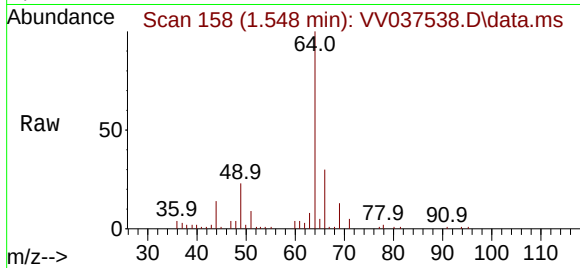




#8
Chloroethane
Concen: 5.464 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

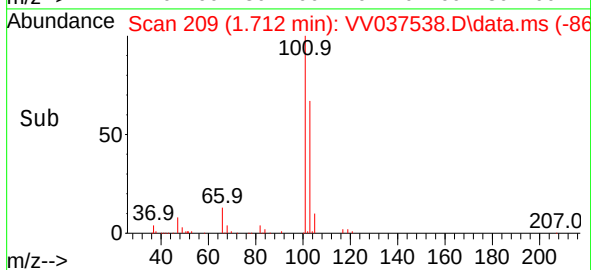
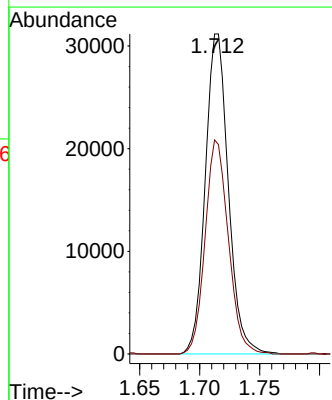
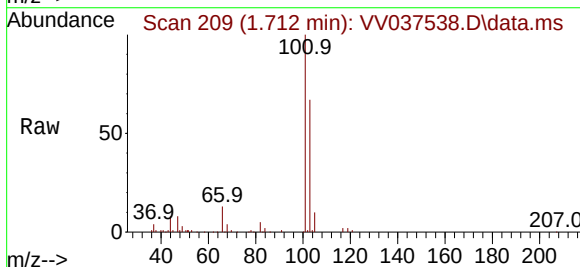
Instrument :
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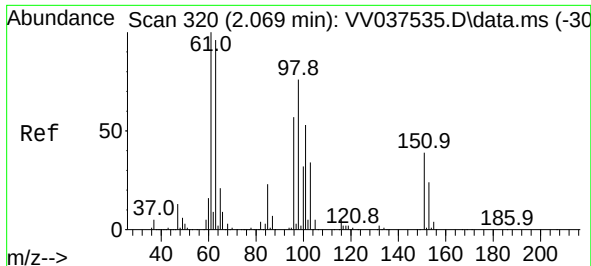
Tgt Ion: 64 Resp: 19532
Ion Ratio Lower Upper
64 100
66 30.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.349 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion:101 Resp: 41757
Ion Ratio Lower Upper
101 100
103 67.4 52.2 78.4

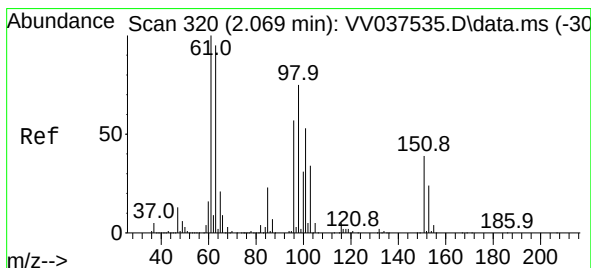
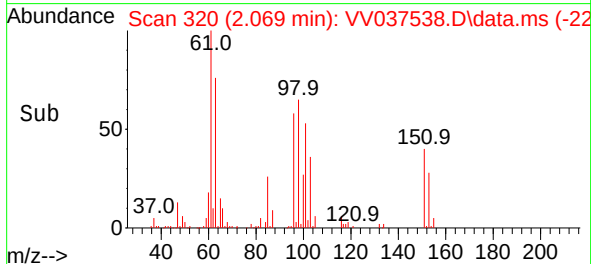
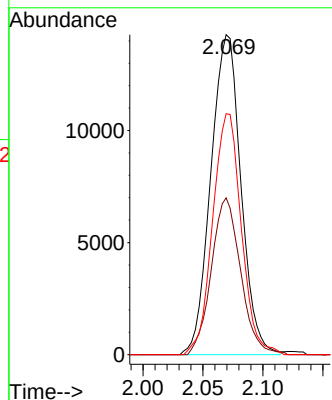
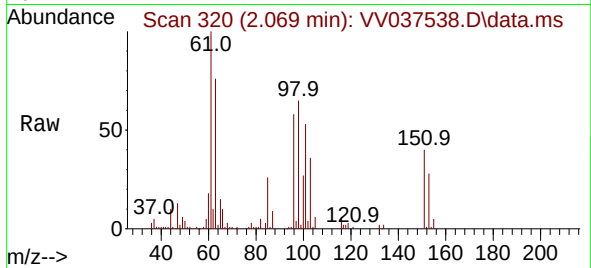




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.340 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

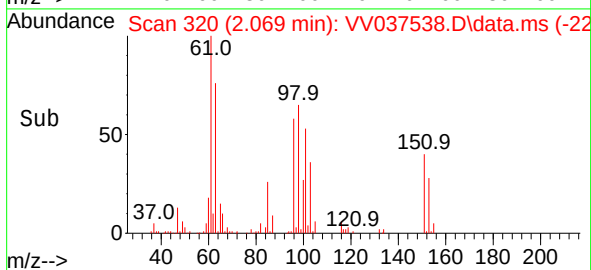
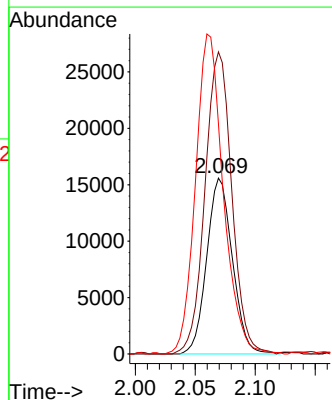
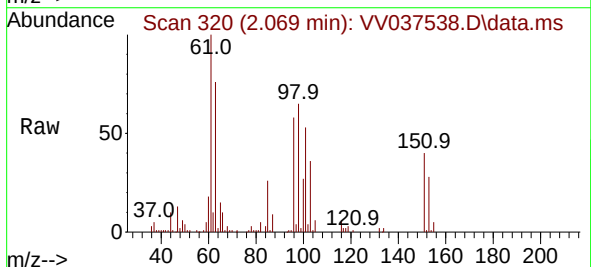
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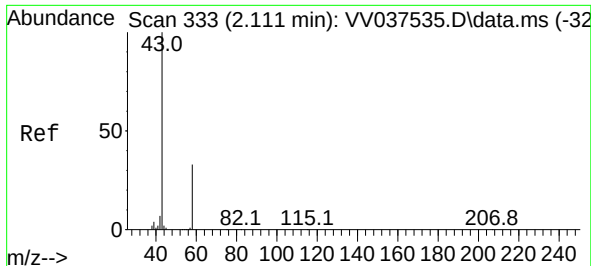
Tgt Ion:101 Resp: 24910
 Ion Ratio Lower Upper
 101 100
 85 47.6 34.6 52.0
 151 71.7 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 5.321 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

Tgt Ion: 96 Resp: 23188
 Ion Ratio Lower Upper
 96 100
 61 171.8 122.6 227.6
 63 130.9 118.0 219.2





#13

Acetone

Concen: 11.697 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

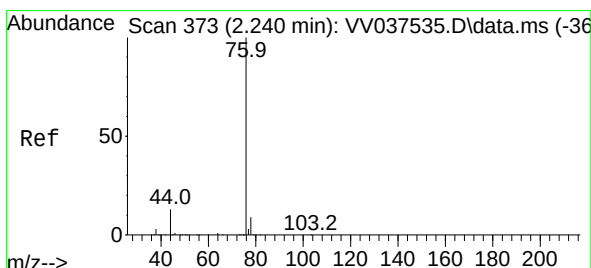
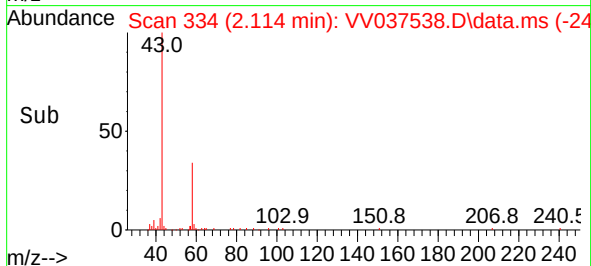
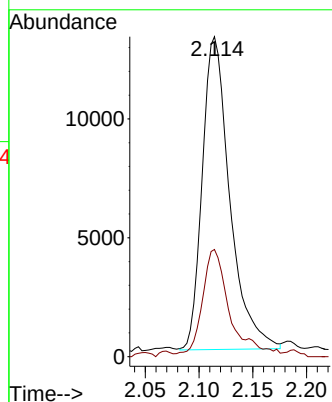
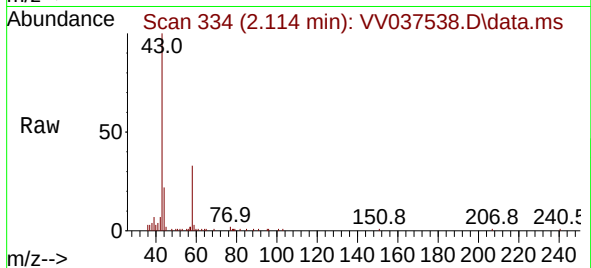
ClientSampleId :

Tgt Ion: 43 Resp: 23468

Ion Ratio Lower Upper

43 100

58 29.1 0.0 66.6



#14

Carbon disulfide

Concen: 5.654 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037538.D

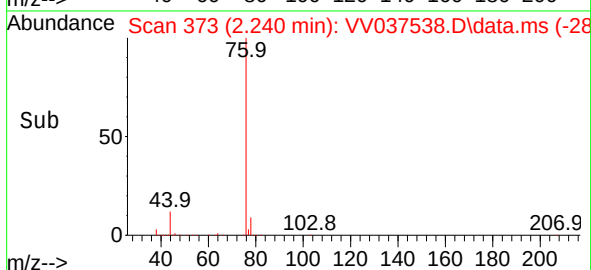
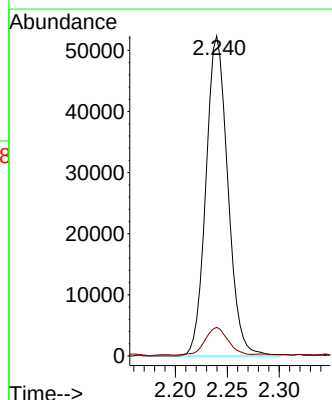
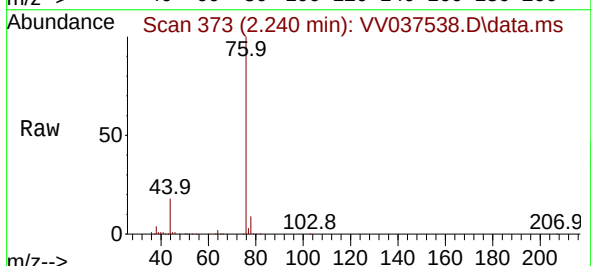
Acq: 26 Sep 2024 11:18

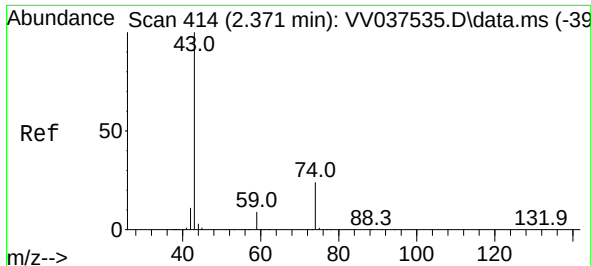
Tgt Ion: 76 Resp: 76912

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 5.506 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

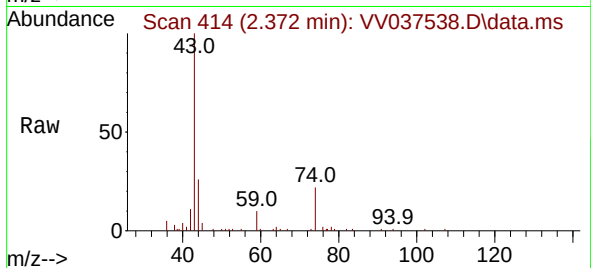
Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

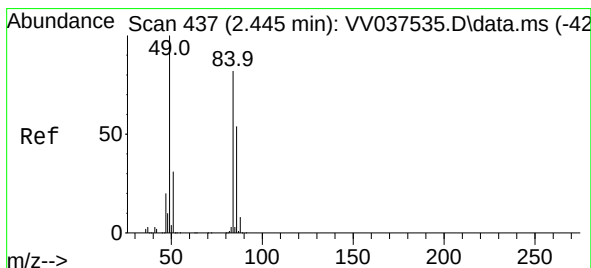
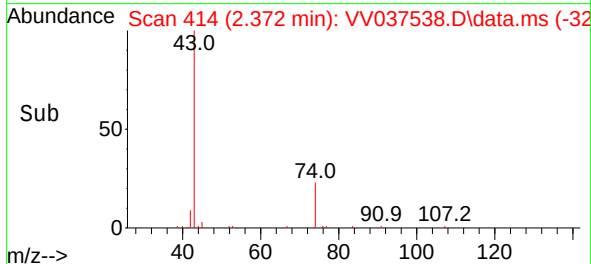
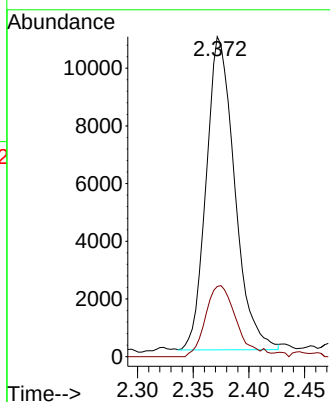


Tgt Ion: 43 Resp: 19278

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.0



#16

Methylene chloride

Concen: 5.521 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

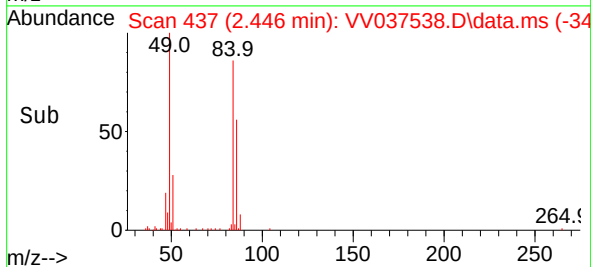
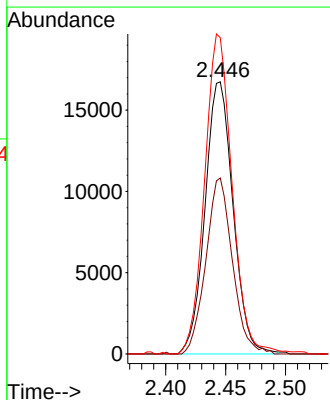
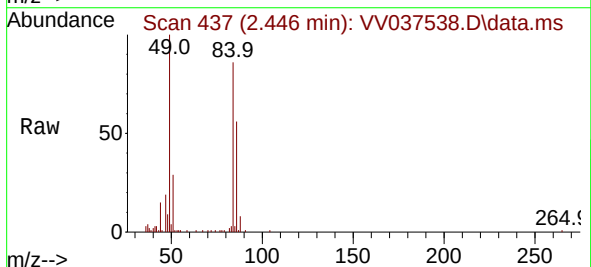
Tgt Ion: 84 Resp: 27241

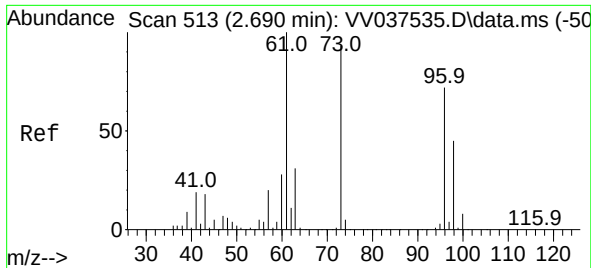
Ion Ratio Lower Upper

84 100

86 64.7 46.4 86.2

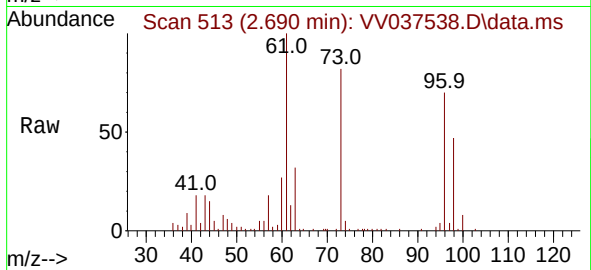
49 116.2 85.9 159.5





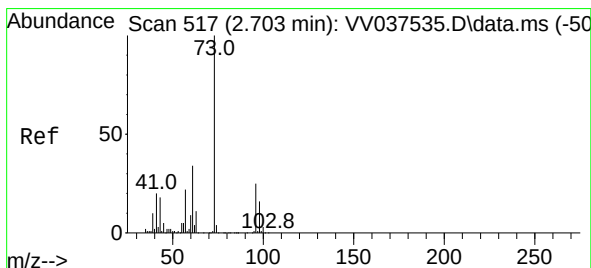
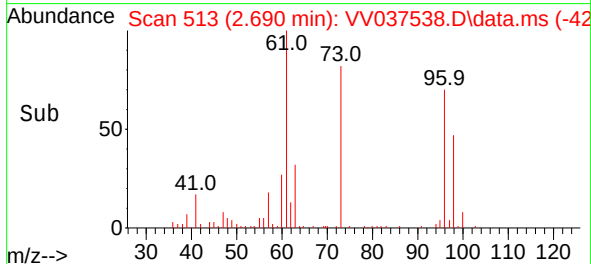
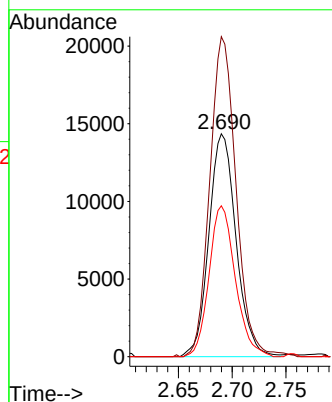
#17
trans-1,2-Dichloroethene
Concen: 5.478 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 25252

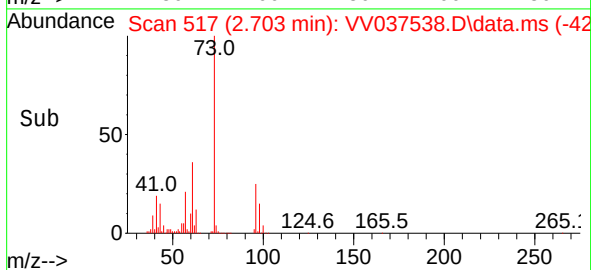
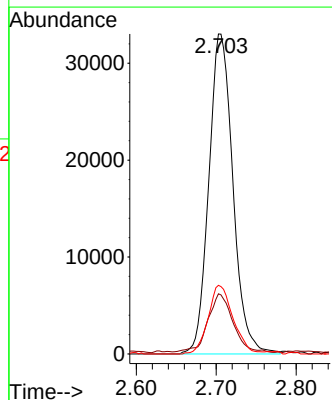
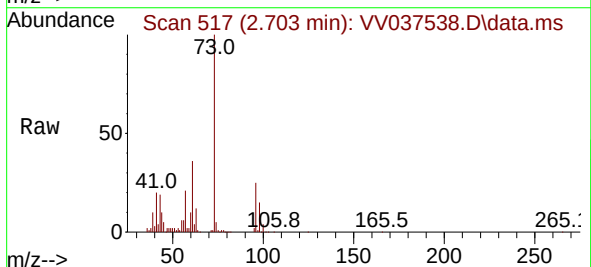
Ion	Ratio	Lower	Upper
96	100		
61	143.5	97.3	180.7
98	67.6	43.9	81.5

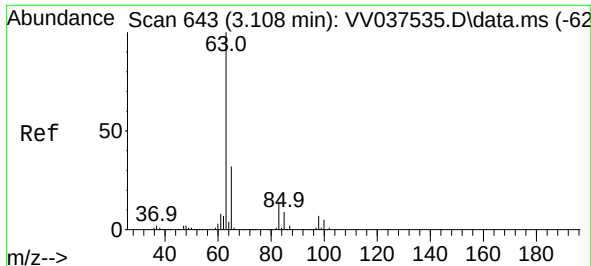


#18
Methyl tert-butyl Ether
Concen: 5.242 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 73 Resp: 69326

Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.1	22.7
57	21.4	17.4	26.2





#19

1,1-Dichloroethane

Concen: 5.365 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

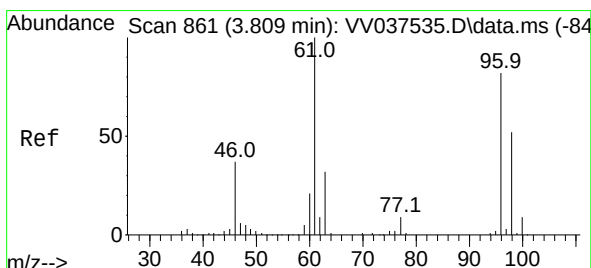
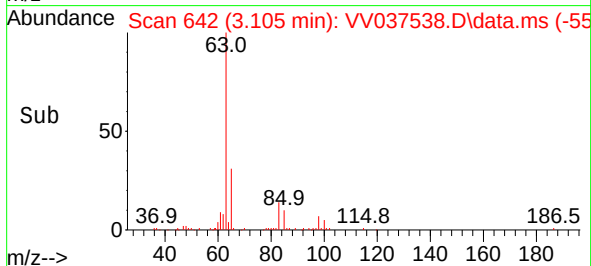
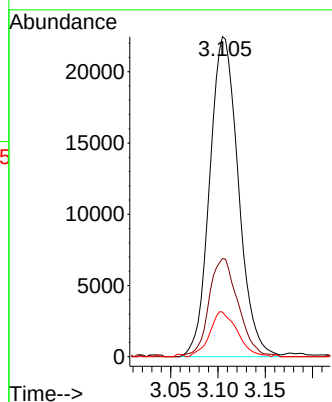
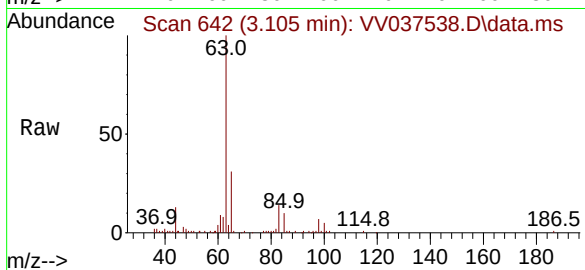
Tgt Ion: 63 Resp: 47383

Ion Ratio Lower Upper

63 100

65 30.7 22.4 41.6

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 5.048 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

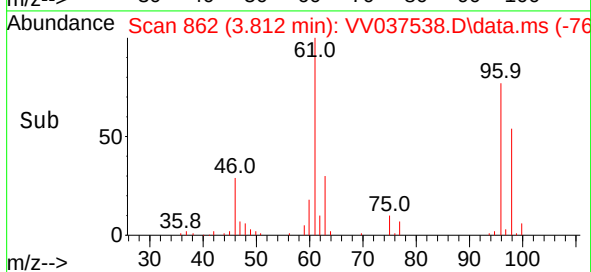
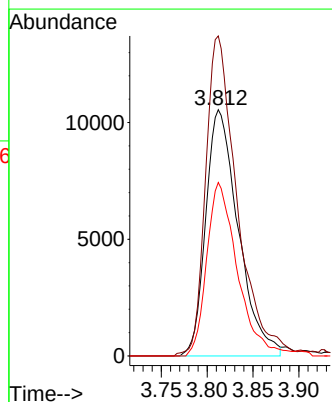
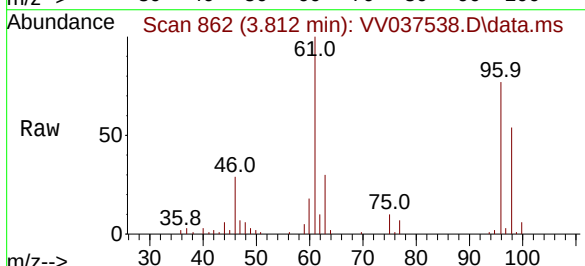
Tgt Ion: 96 Resp: 26043

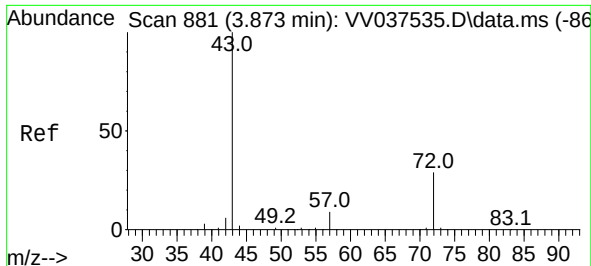
Ion Ratio Lower Upper

96 100

61 130.0 85.0 157.8

98 70.5 44.2 82.0

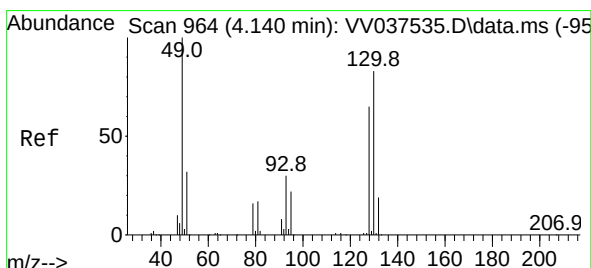
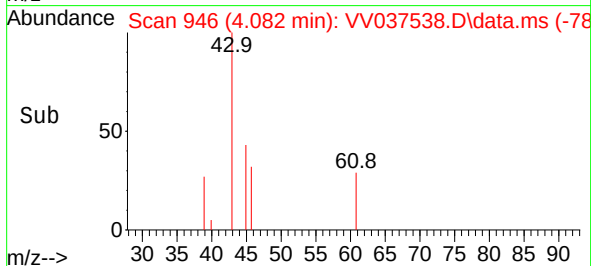
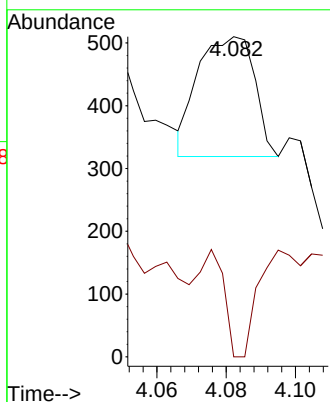
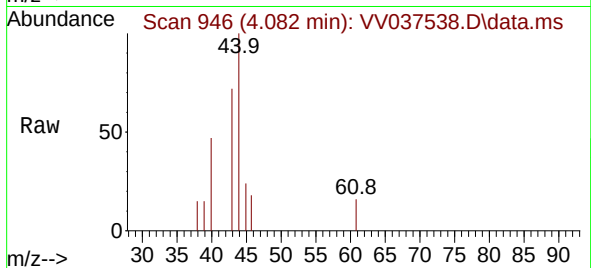




#22
2-Butanone
Concen: 0.100 ug/L
RT: 4.082 min Scan# 946
Delta R.T. 0.209 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

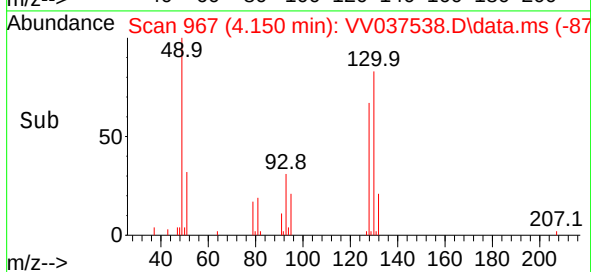
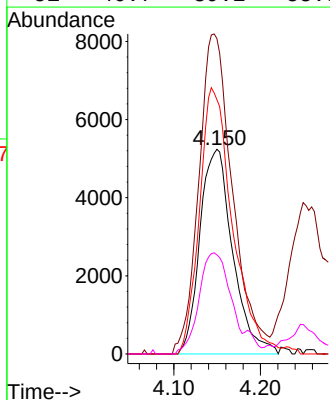
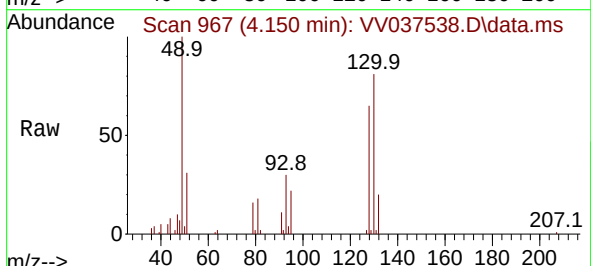
Instrument :
MSVOA_V
ClientSampleId :

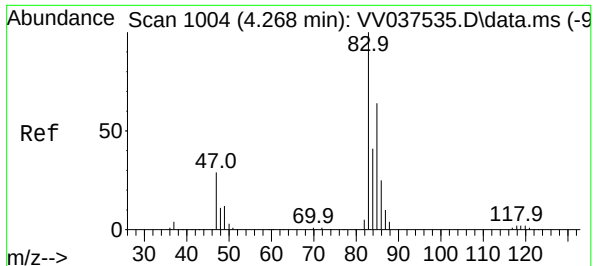
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
72 39.4 14.3 42.9



#23
Bromochloromethane
Concen: 5.156 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.010 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 128 Resp: 13760
Ion Ratio Lower Upper
128 100
49 148.8 108.7 201.9
130 119.9 90.4 168.0
51 46.7 39.2 58.8





#25

Chloroform

Concen: 5.351 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

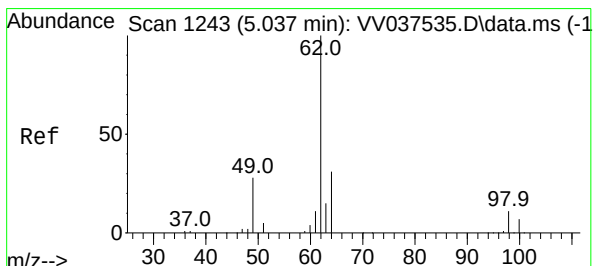
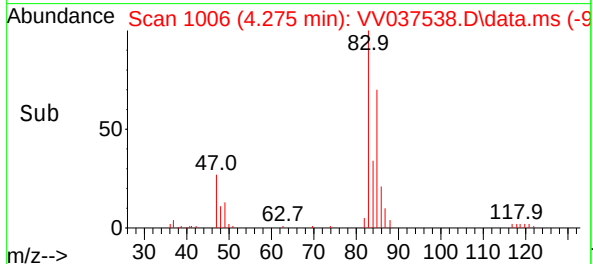
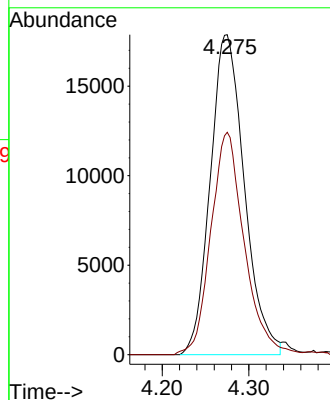
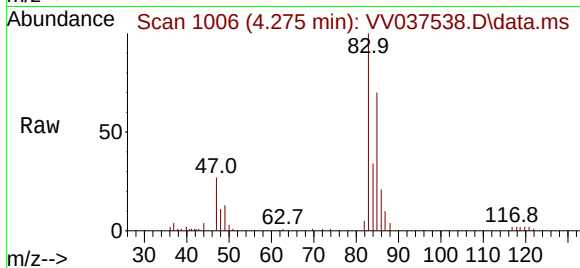
ClientSampleId :

Tgt Ion: 83 Resp: 48937

Ion Ratio Lower Upper

83 100

85 69.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.265 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.007 min

Lab File: VV037538.D

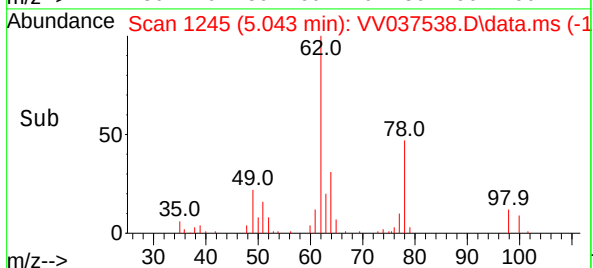
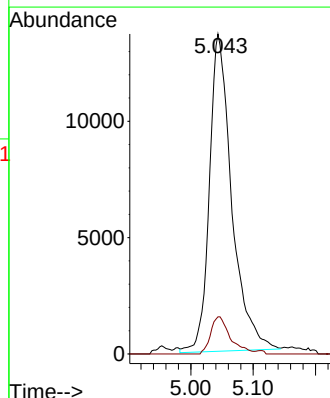
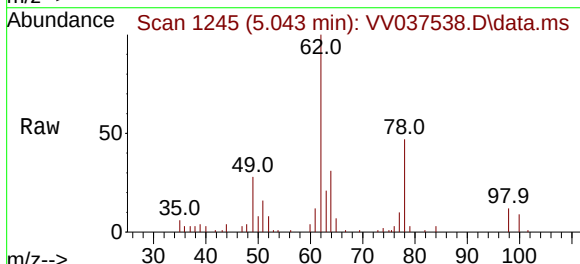
Acq: 26 Sep 2024 11:18

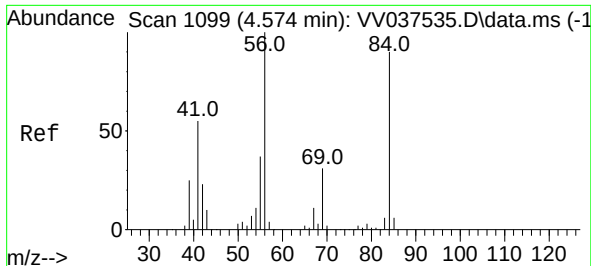
Tgt Ion: 62 Resp: 33987

Ion Ratio Lower Upper

62 100

98 11.6 8.4 12.6





#29

Cyclohexane

Concen: 4.947 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

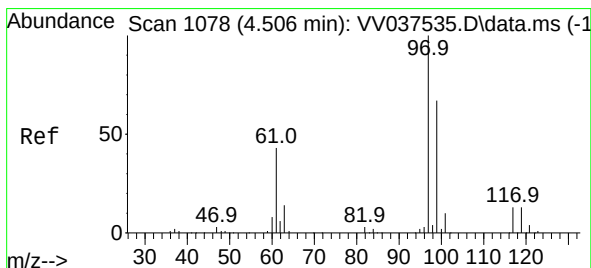
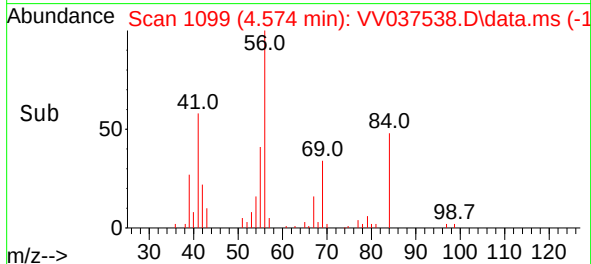
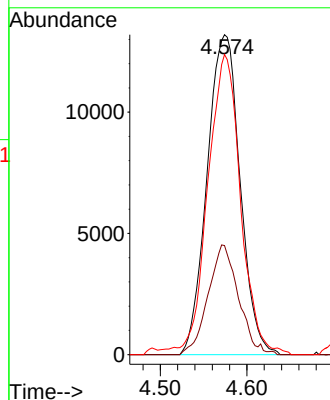
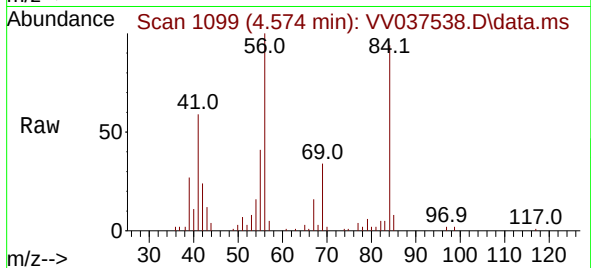
Tgt Ion: 56 Resp: 34973

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 88.9 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 5.272 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

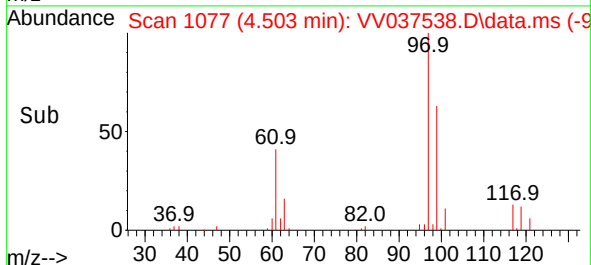
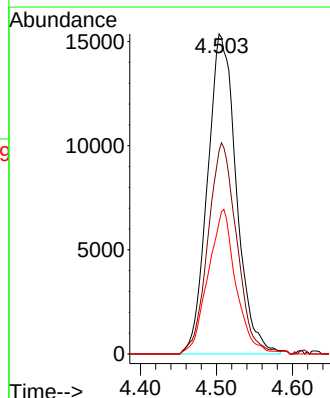
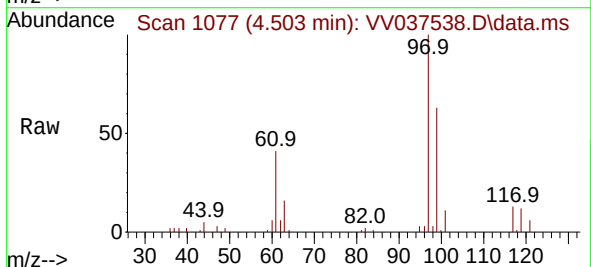
Tgt Ion: 97 Resp: 40434

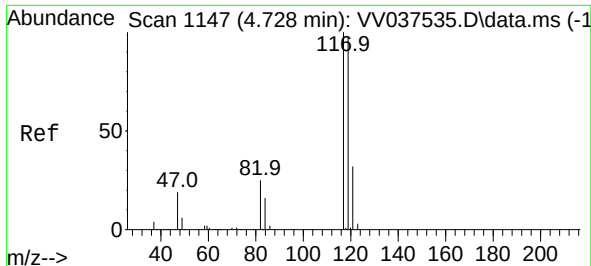
Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.6

61 43.5 33.6 50.4

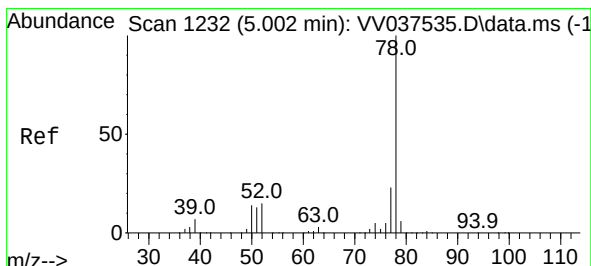
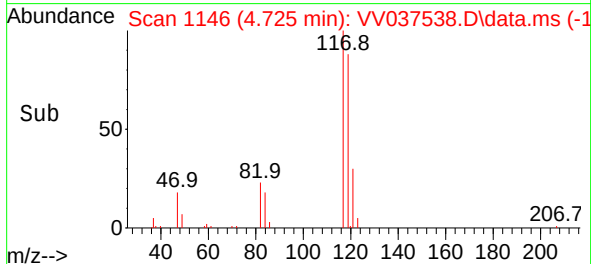
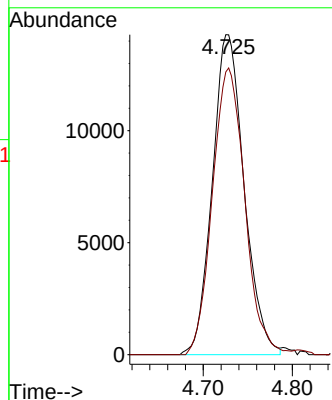
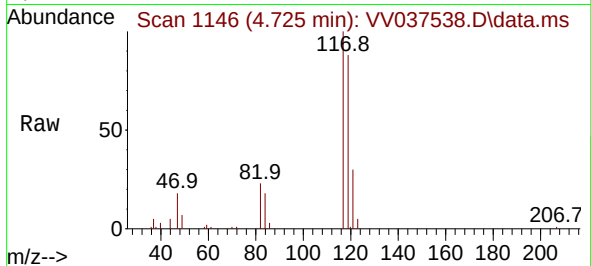




#31
Carbon tetrachloride
Concen: 5.318 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

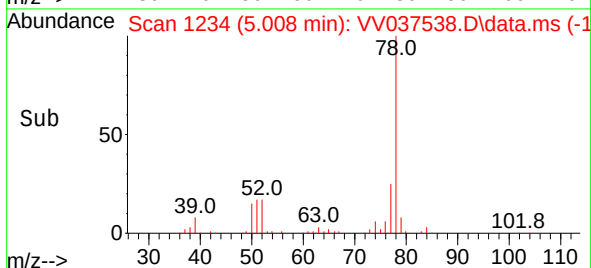
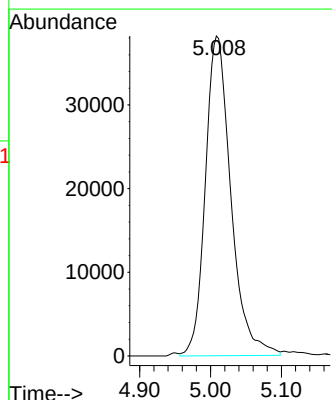
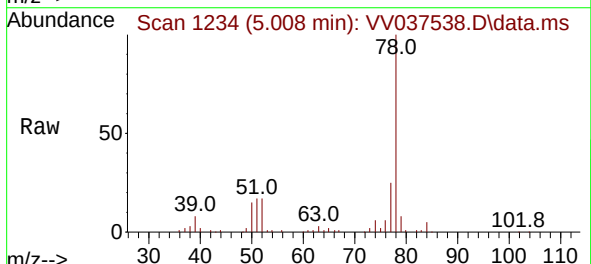
Instrument :
MSVOA_V
ClientSampleId :

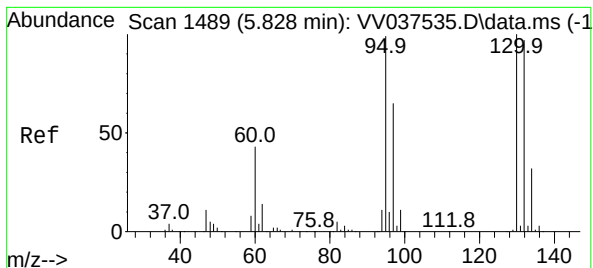
Tgt Ion:117 Resp: 35461
Ion Ratio Lower Upper
117 100
119 91.0 76.9 115.3



#33
Benzene
Concen: 5.093 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 78 Resp: 95642





#34

Trichloroethene

Concen: 5.159 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 25803

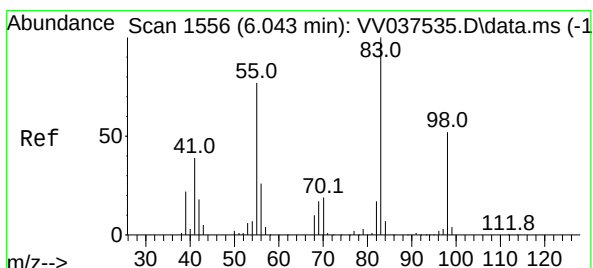
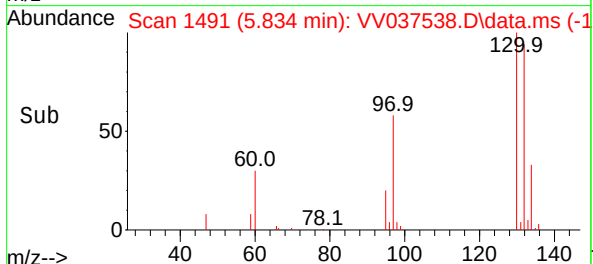
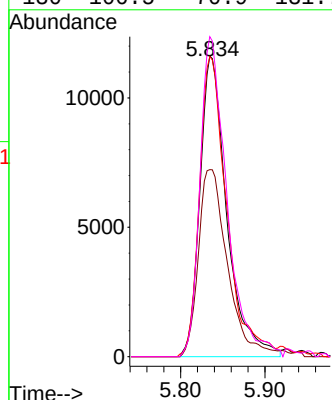
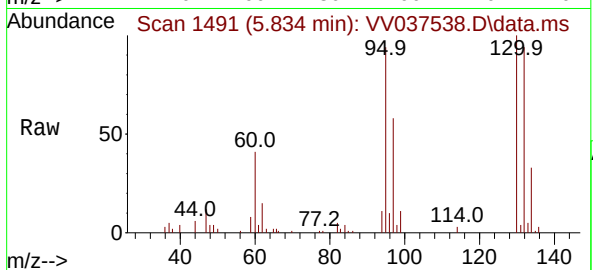
Ion Ratio Lower Upper

95 100

97 62.2 46.3 85.9

132 99.9 68.6 127.4

130 106.5 70.9 131.7



#35

Methylcyclohexane

Concen: 5.007 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

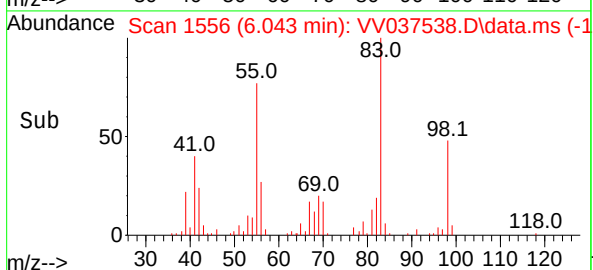
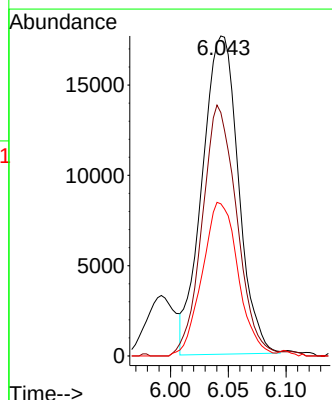
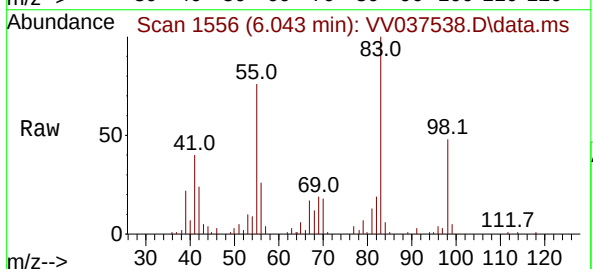
Tgt Ion: 83 Resp: 38520

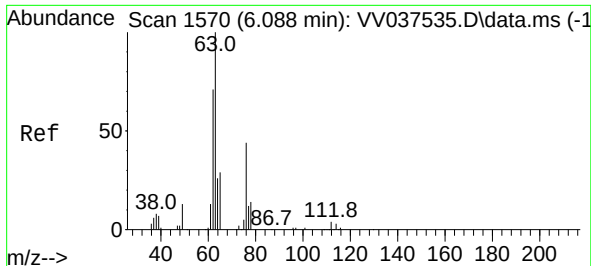
Ion Ratio Lower Upper

83 100

55 75.3 57.9 86.9

98 47.8 39.3 58.9

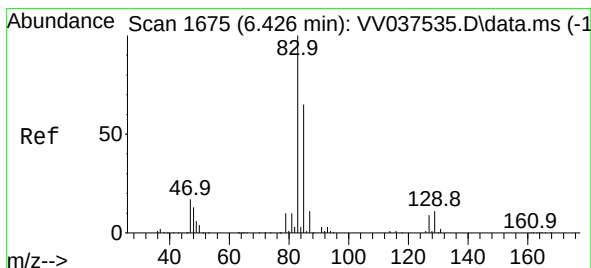
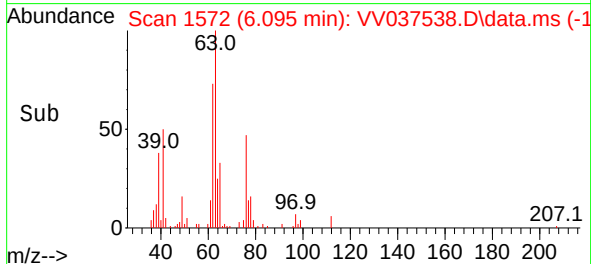
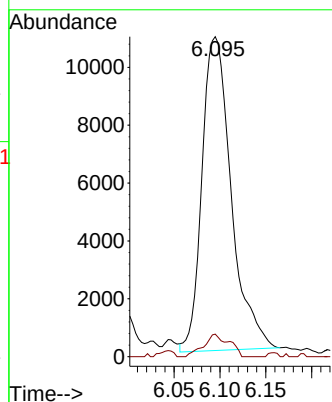
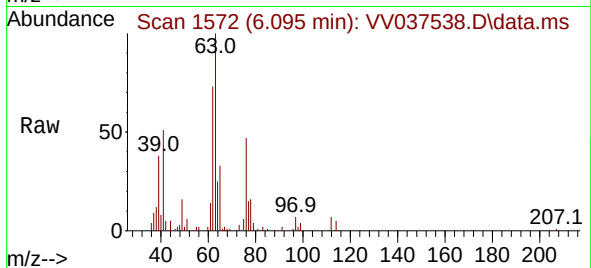




#37
1,2-Dichloropropane
Concen: 4.964 ug/L
RT: 6.095 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

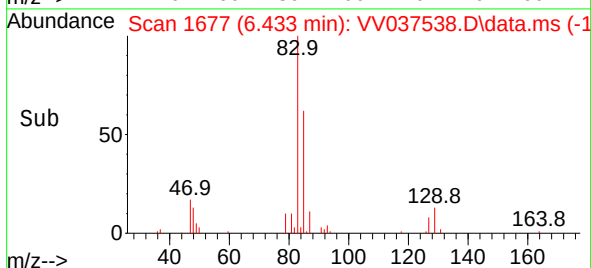
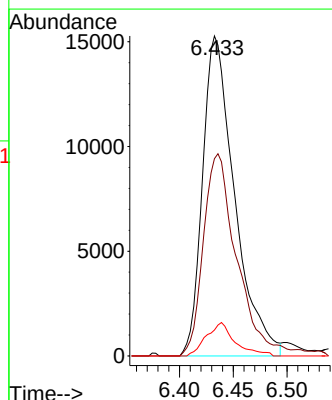
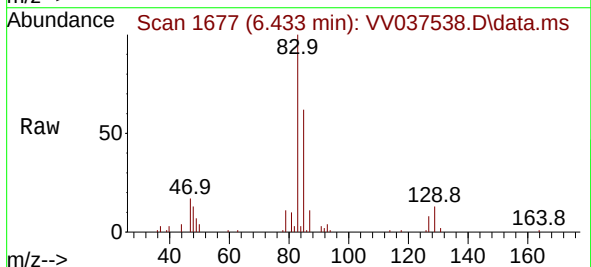
Instrument :
MSVOA_V
ClientSampleId :

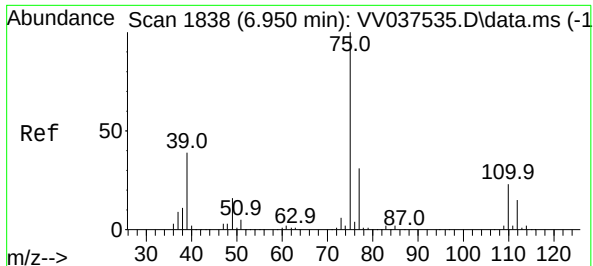
Tgt Ion: 63 Resp: 24073
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 4.890 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 83 Resp: 31702
Ion Ratio Lower Upper
83 100
85 61.6 45.7 84.9
127 8.1 7.0 10.4

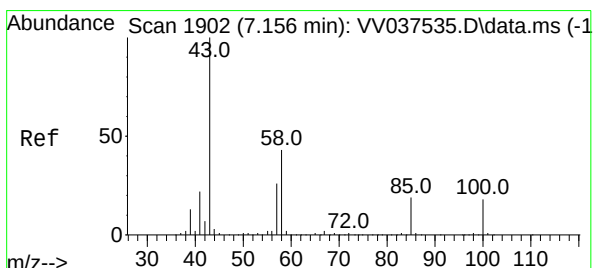
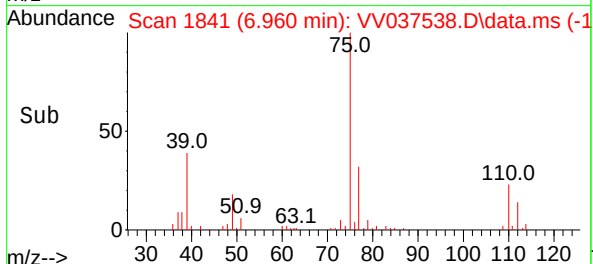
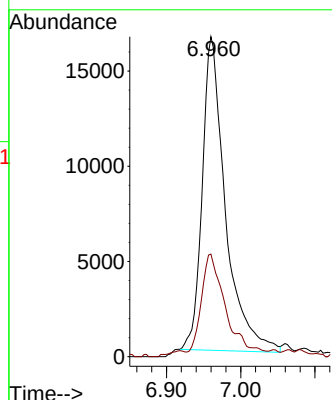
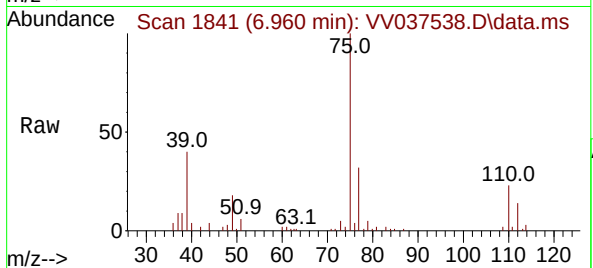




#39
 cis-1,3-Dichloropropene
 Concen: 4.612 ug/L
 RT: 6.960 min Scan# 1838
 Delta R.T. 0.010 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

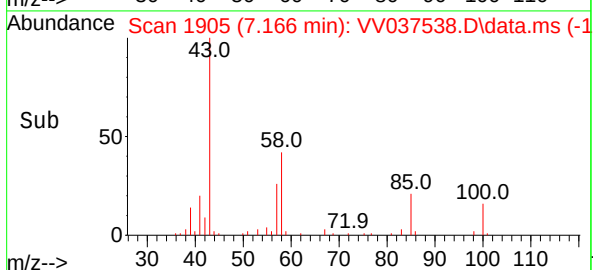
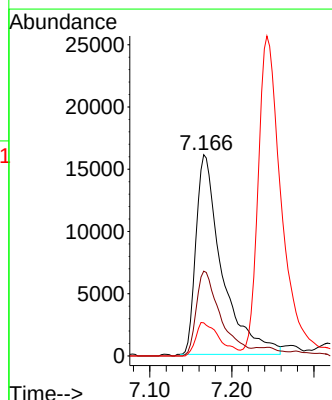
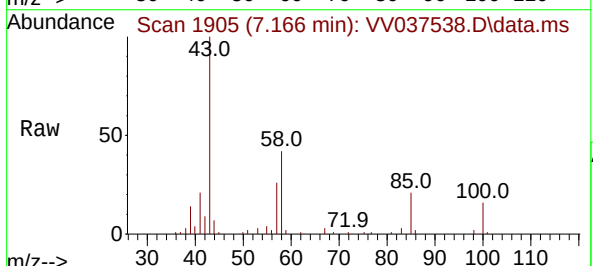
Instrument :
 MSVOA_V
 ClientSampleId :

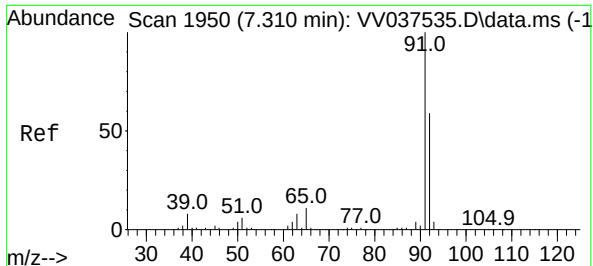
Tgt Ion: 75 Resp: 35705
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 9.103 ug/L
 RT: 7.166 min Scan# 1905
 Delta R.T. 0.010 min
 Lab File: VV037538.D
 Acq: 26 Sep 2024 11:18

Tgt Ion: 43 Resp: 35309
 Ion Ratio Lower Upper
 43 100
 58 39.6 33.0 49.4
 100 15.7 13.7 20.5





#42

Toluene

Concen: 4.799 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

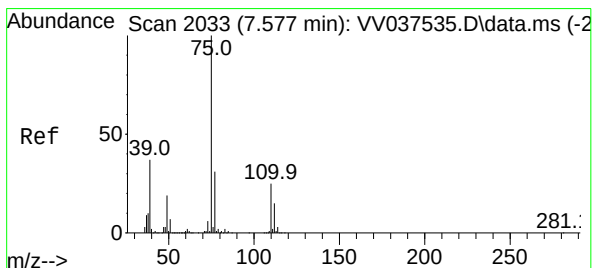
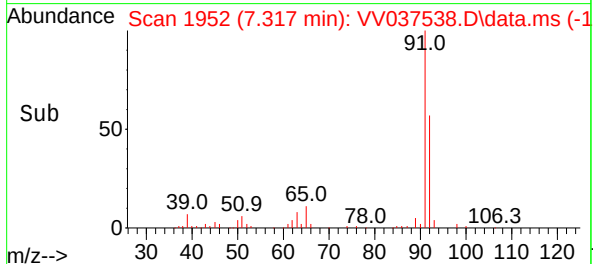
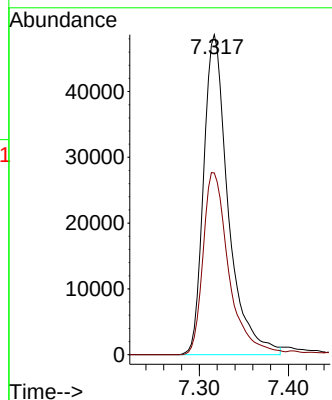
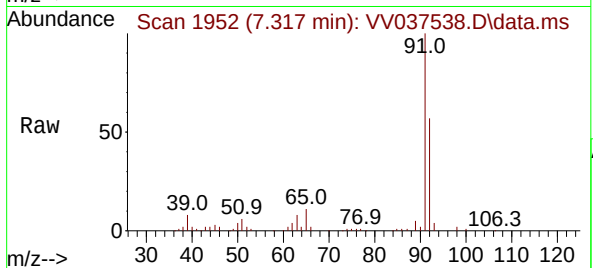
ClientSampleId :

Tgt Ion: 91 Resp: 93423

Ion Ratio Lower Upper

91 100

92 56.8 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 4.486 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.010 min

Lab File: VV037538.D

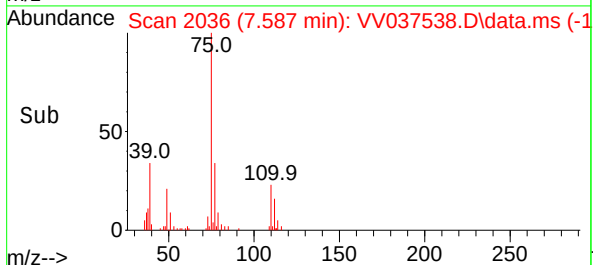
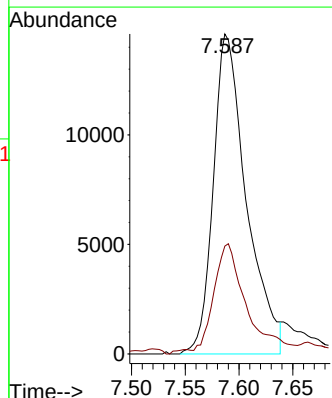
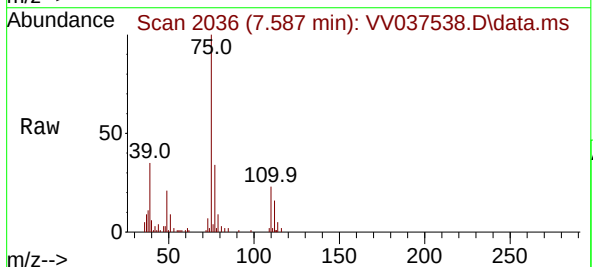
Acq: 26 Sep 2024 11:18

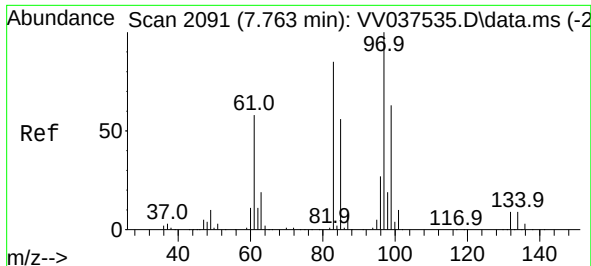
Tgt Ion: 75 Resp: 31267

Ion Ratio Lower Upper

75 100

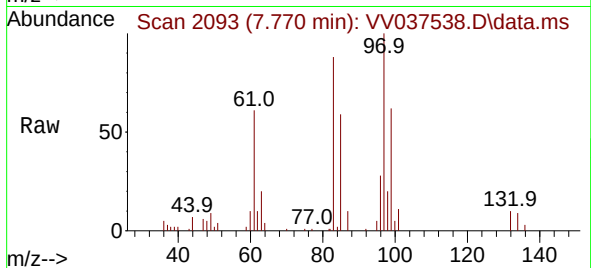
77 33.7 21.9 40.7



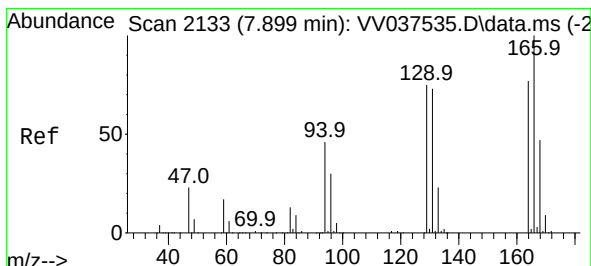
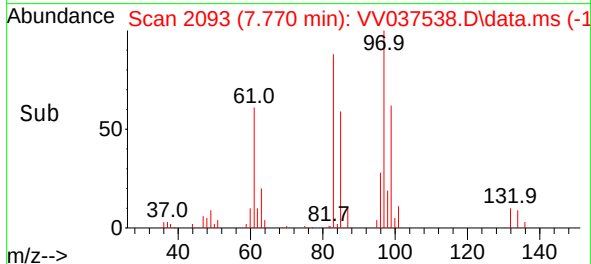
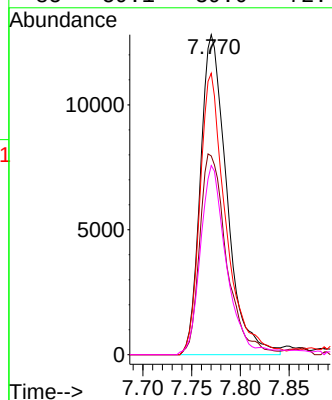


#45
1,1,2-Trichloroethane
Concen: 5.188 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :

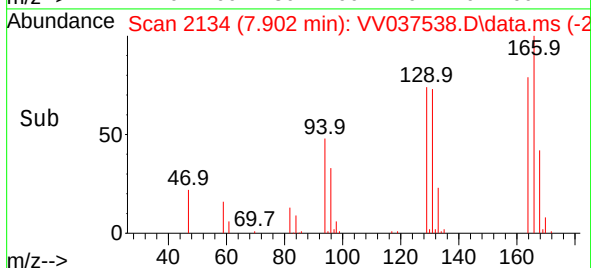
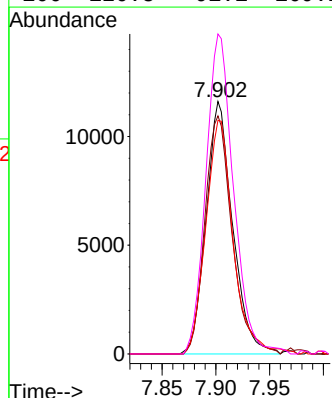
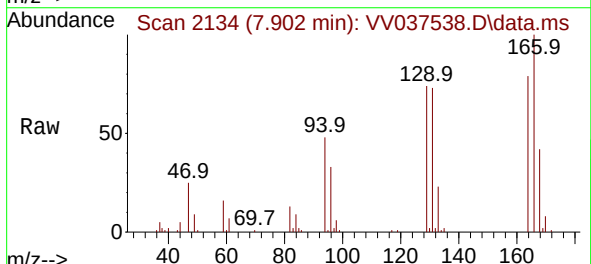


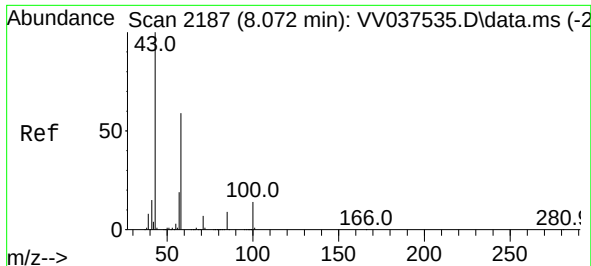
Tgt Ion:	97	Resp:	24160
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.1	81.9
83	87.9	59.3	110.1
85	59.1	39.0	72.4



#46
Tetrachloroethene
Concen: 5.208 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion:	164	Resp:	19916
Ion	Ratio	Lower	Upper
164	100		
129	94.3	68.2	126.6
131	92.5	66.1	122.8
166	126.8	91.1	169.1





#48

2-Hexanone

Concen: 8.605 ug/L

RT: 8.088 min Scan# 2187

Delta R.T. 0.016 min

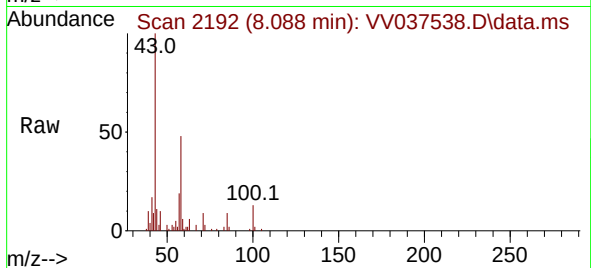
Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 24772

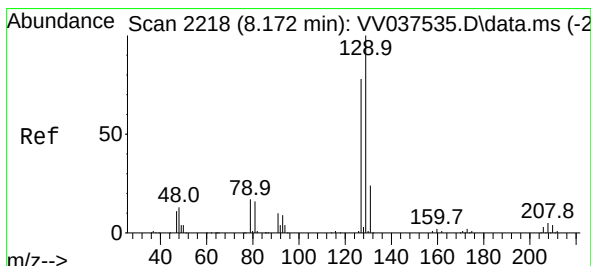
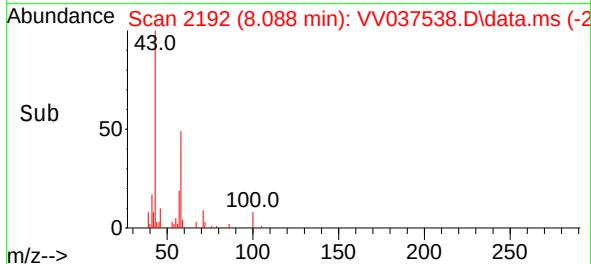
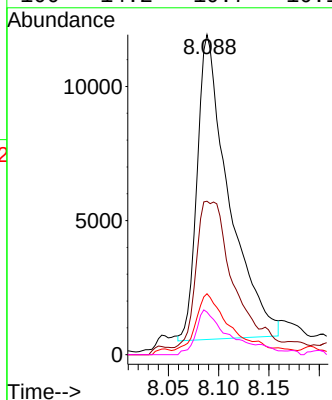
Ion Ratio Lower Upper

43 100

58 22.7 46.5 69.7#

57 18.2 15.1 22.7

100 14.2 10.7 16.1



#49

Dibromochloromethane

Concen: 5.080 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037538.D

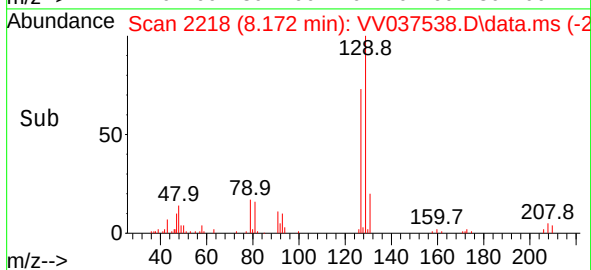
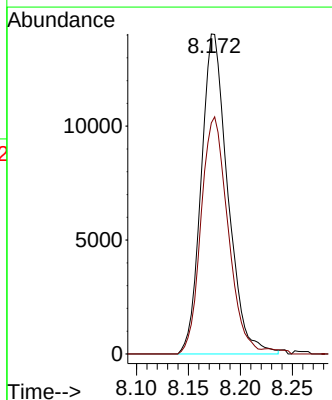
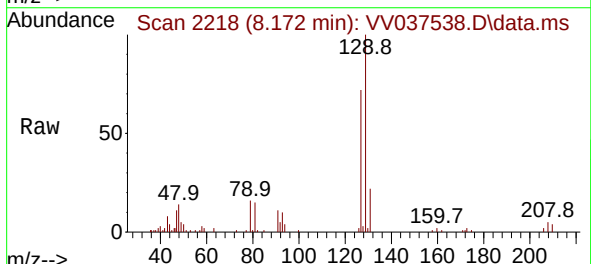
Acq: 26 Sep 2024 11:18

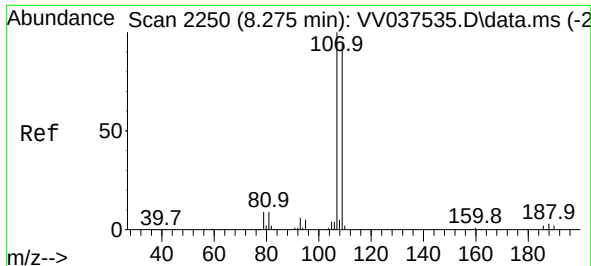
Tgt Ion: 129 Resp: 25036

Ion Ratio Lower Upper

129 100

127 75.3 54.9 101.9

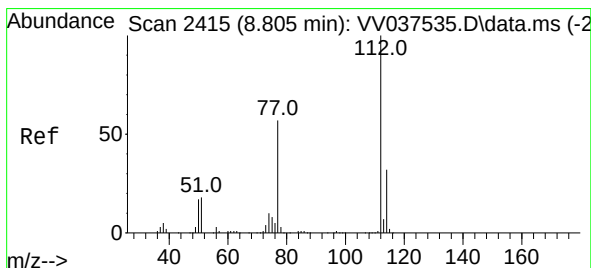
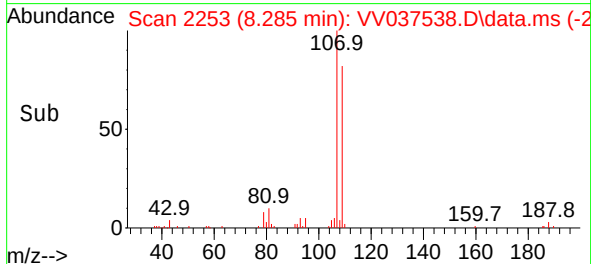
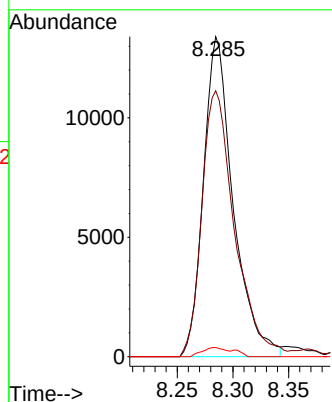
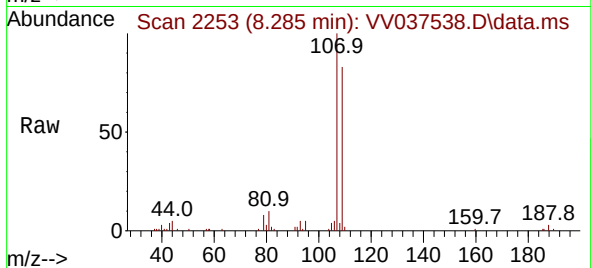




#50
1,2-Dibromoethane
Concen: 5.173 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

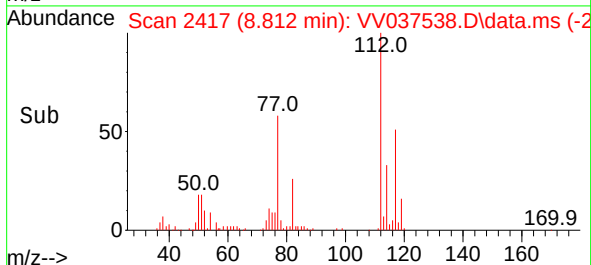
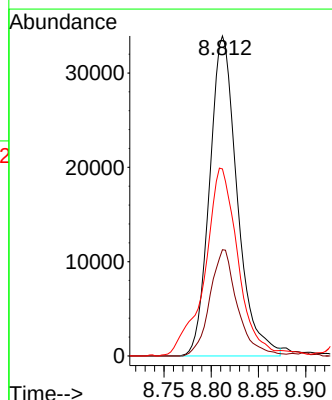
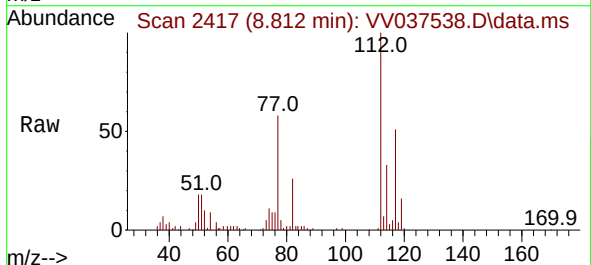
Instrument :
MSVOA_V
ClientSampleId :

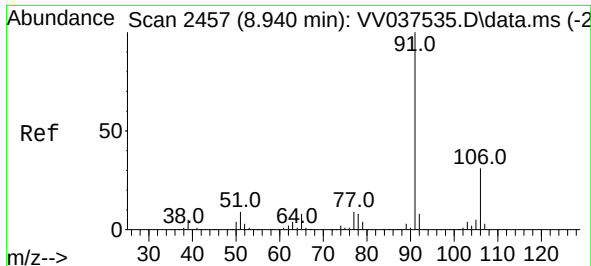
Tgt Ion:107 Resp: 24901
Ion Ratio Lower Upper
107 100
109 83.1 65.7 121.9
188 2.8 2.8 4.2



#51
Chlorobenzene
Concen: 5.202 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion:112 Resp: 69000
Ion Ratio Lower Upper
112 100
114 33.2 22.5 41.7
77 58.4 45.8 68.8





#52

Ethylbenzene

Concen: 4.889 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

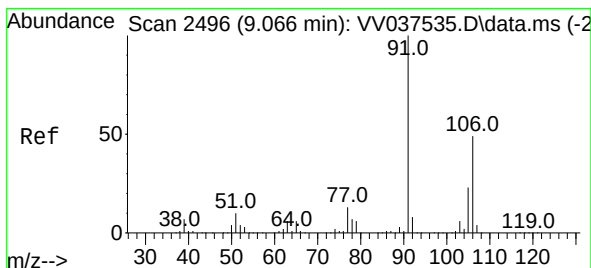
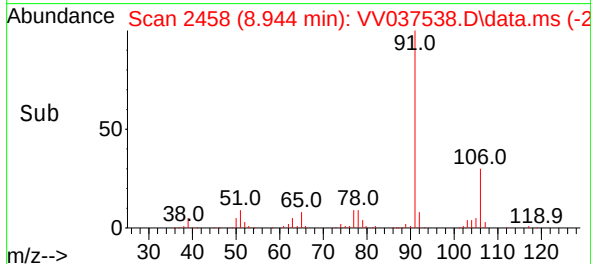
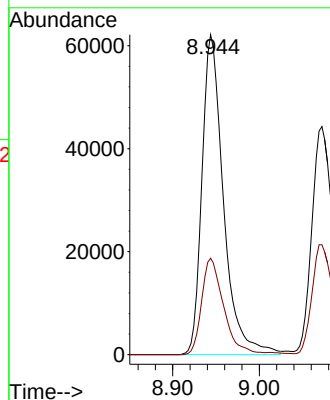
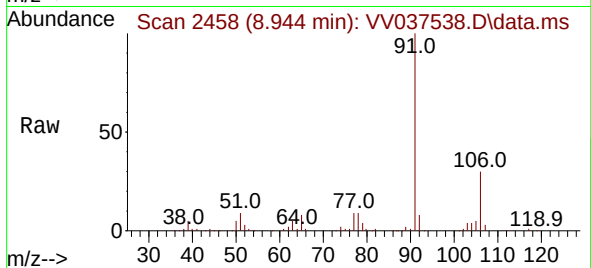
ClientSampleId :

Tgt Ion: 91 Resp: 107134

Ion Ratio Lower Upper

91 100

106 30.1 21.9 40.7



#53

m,p-Xylene

Concen: 4.583 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.007 min

Lab File: VV037538.D

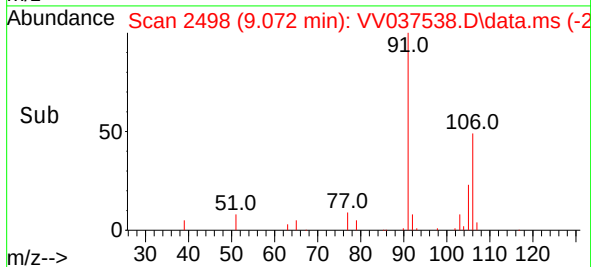
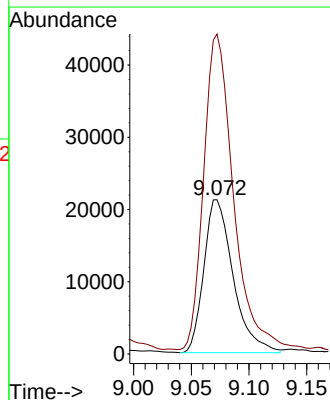
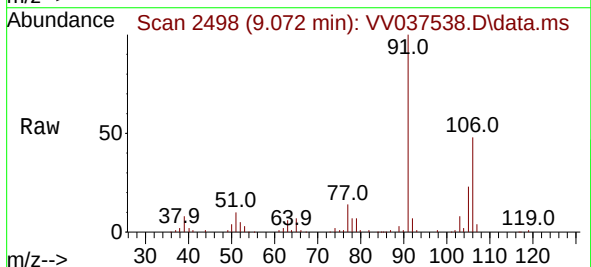
Acq: 26 Sep 2024 11:18

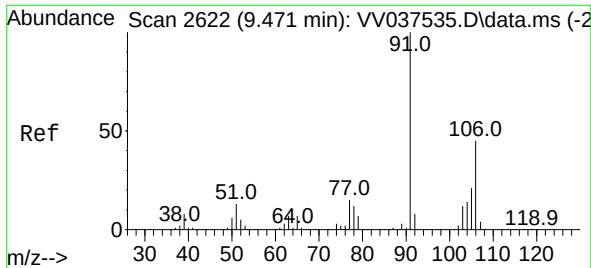
Tgt Ion:106 Resp: 37376

Ion Ratio Lower Upper

106 100

91 207.4 142.0 263.6

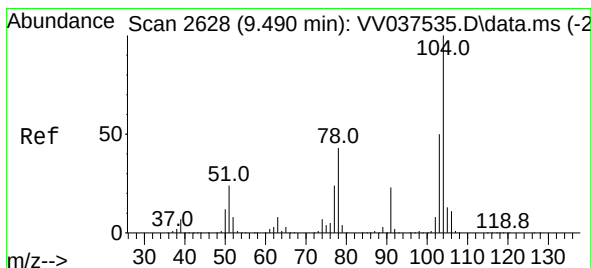
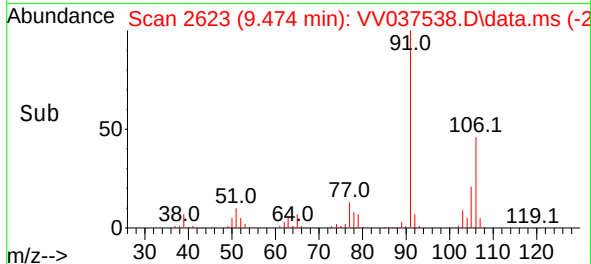
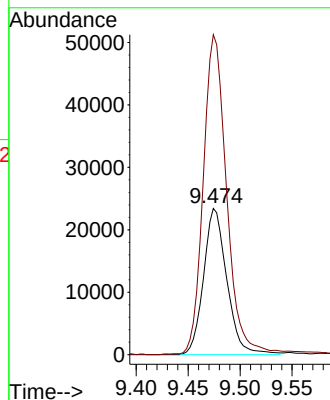
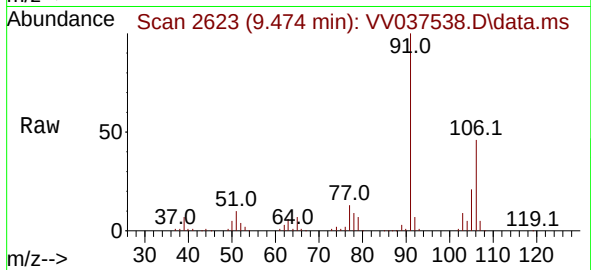




#54
o-Xylene
Concen: 4.592 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

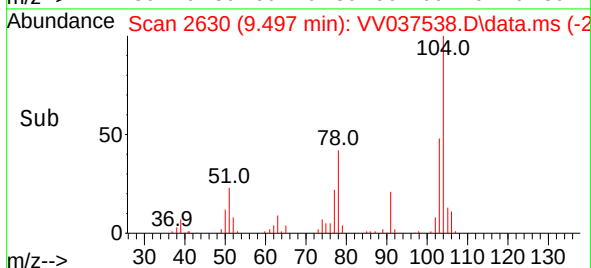
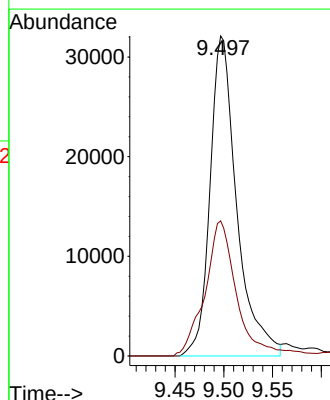
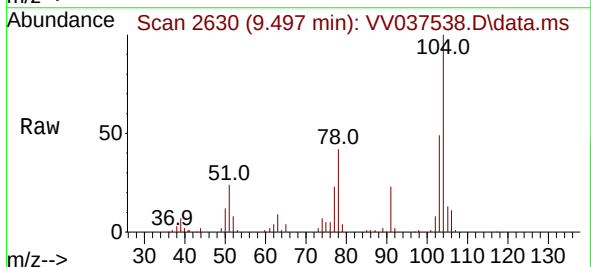
Instrument :
MSVOA_V
ClientSampleId :

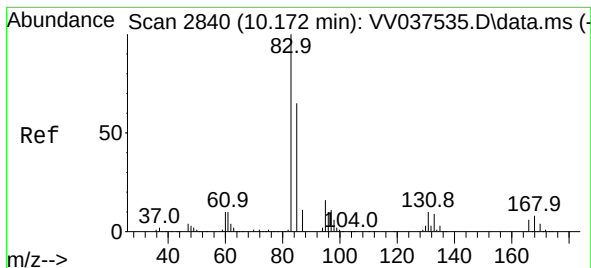
Tgt Ion:106 Resp: 36567
Ion Ratio Lower Upper
106 100
91 218.7 153.9 285.9



#55
Styrene
Concen: 4.416 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion:104 Resp: 61211
Ion Ratio Lower Upper
104 100
78 42.2 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.245 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037538.D

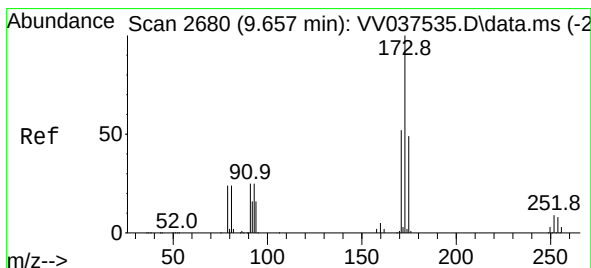
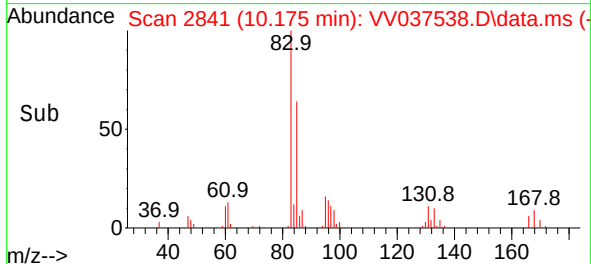
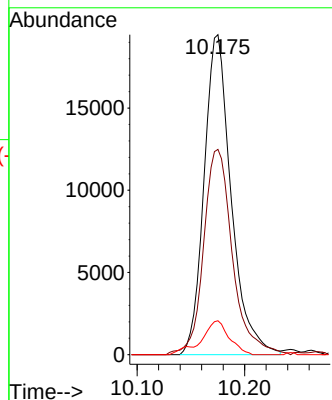
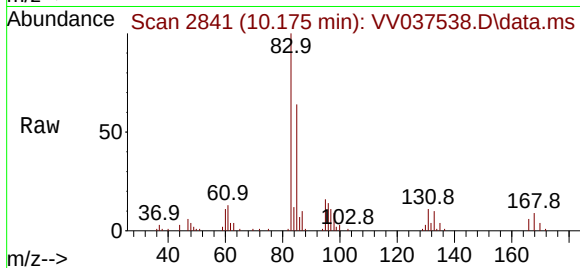
Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	34050
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.9	85.3
131	10.6	7.9	11.9



#59

Bromoform

Concen: 5.110 ug/L

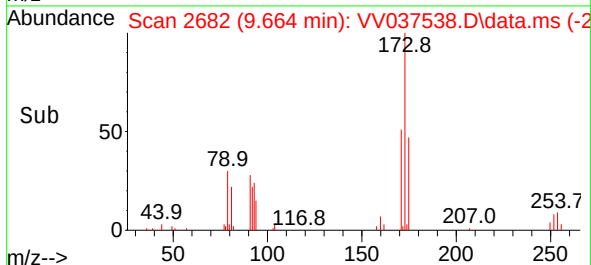
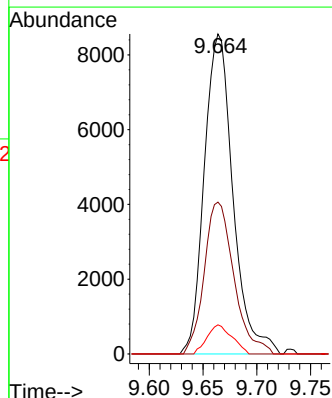
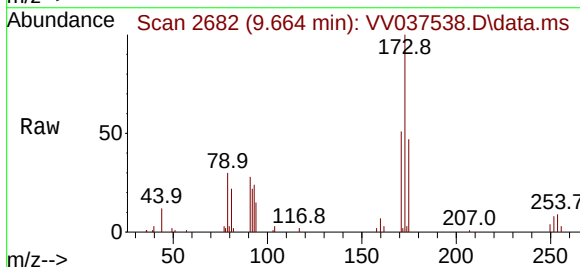
RT: 9.664 min Scan# 2682

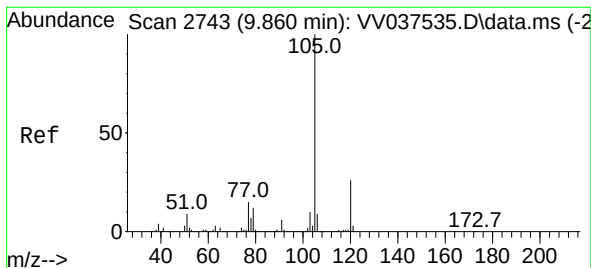
Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Tgt Ion:	173	Resp:	15867
Ion	Ratio	Lower	Upper
173	100		
175	49.0	40.0	60.0
254	7.9	6.5	9.7





#60

Isopropylbenzene

Concen: 4.908 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037538.D

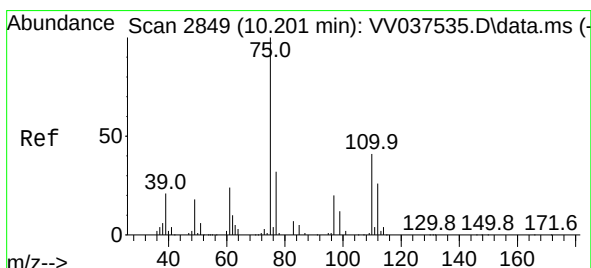
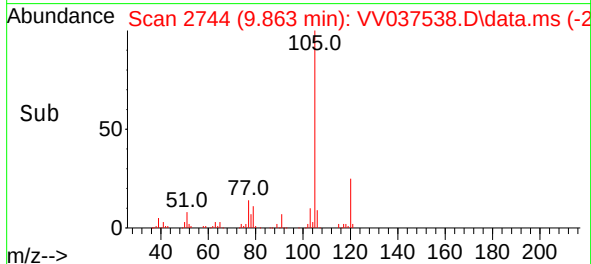
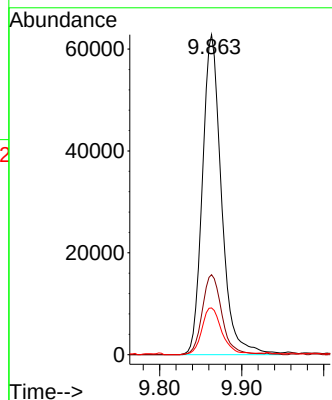
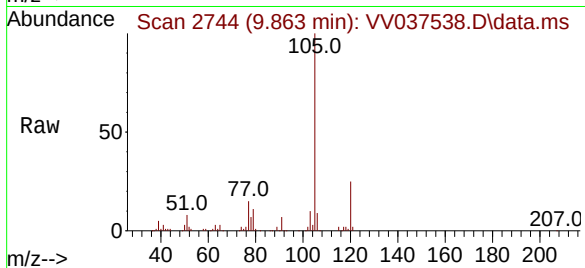
Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	101369
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.7	31.1
77	15.5	12.2	18.2



#61

1,2,3-Trichloropropane

Concen: 5.577 ug/L

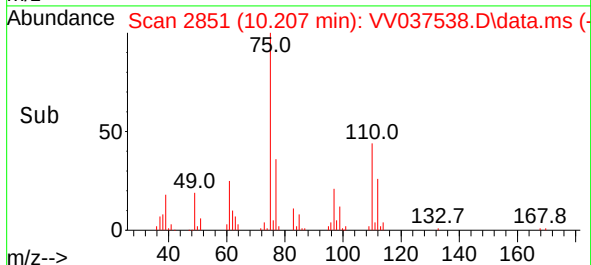
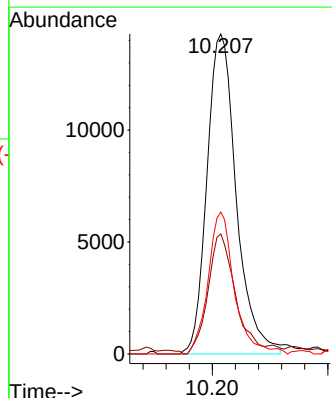
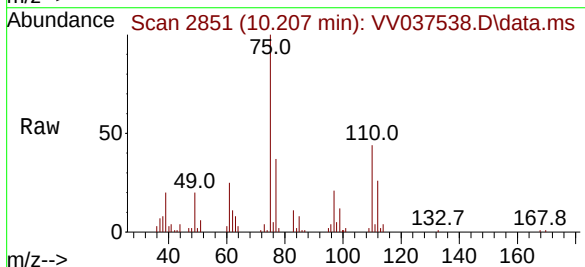
RT: 10.207 min Scan# 2851

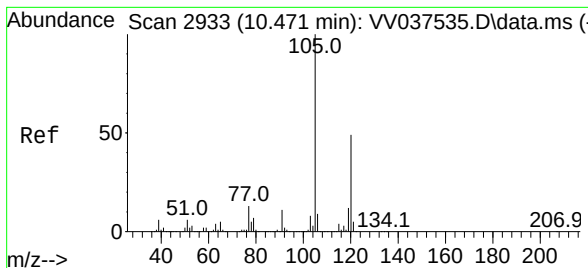
Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Tgt Ion:	75	Resp:	25210
Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.4	38.0
110	39.0	31.7	47.5





#62

1,3,5-Trimethylbenzene

Concen: 4.532 ug/L

RT: 10.471 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

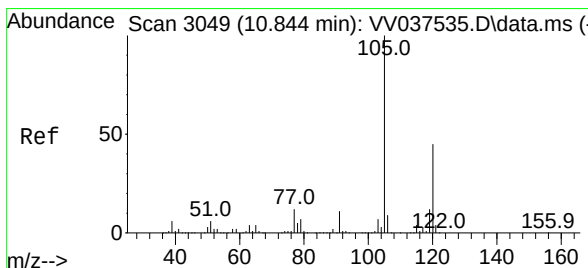
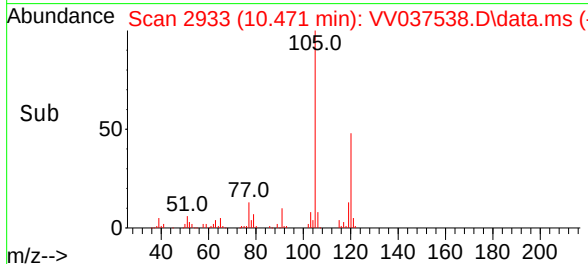
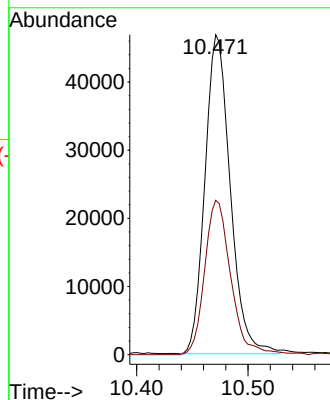
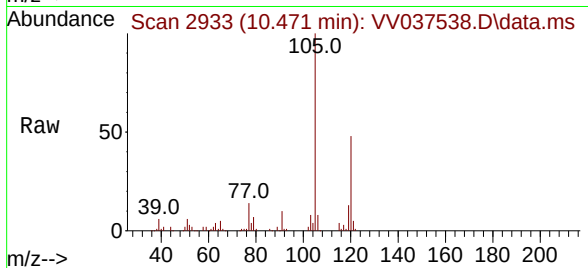
ClientSampleId :

Tgt Ion:105 Resp: 73999

Ion Ratio Lower Upper

105 100

120 49.6 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 4.458 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037538.D

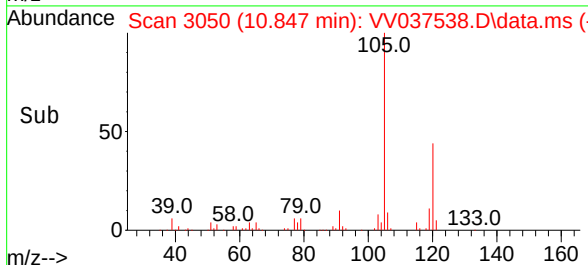
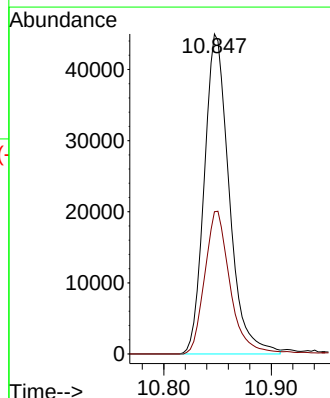
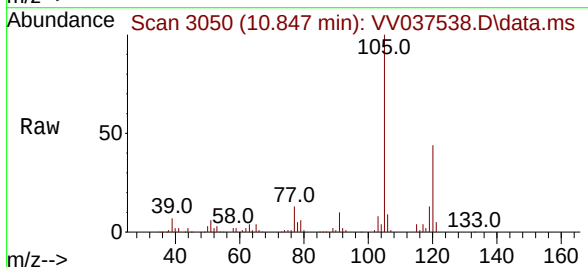
Acq: 26 Sep 2024 11:18

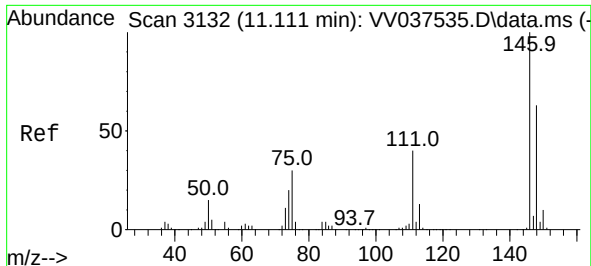
Tgt Ion:105 Resp: 72435

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.166 ug/L

RT: 11.117 min Scan# 3132

Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

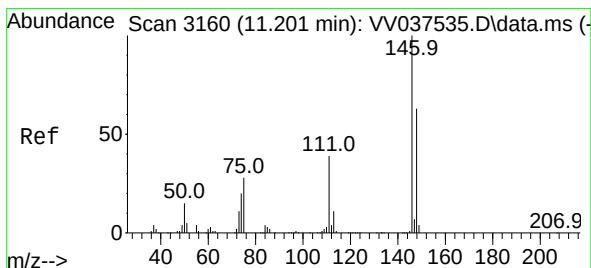
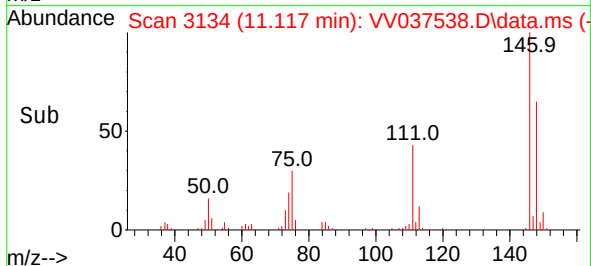
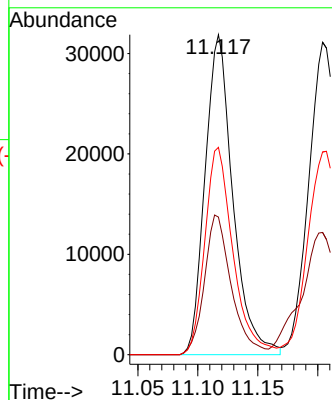
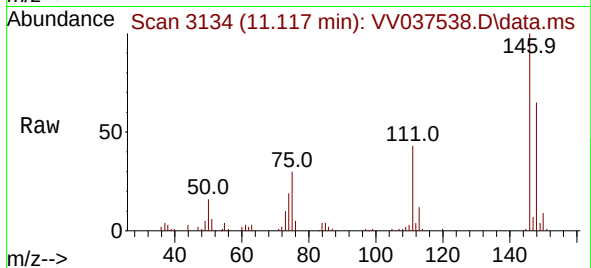
Tgt Ion:146 Resp: 51358

Ion Ratio Lower Upper

146 100

111 43.0 28.3 52.5

148 64.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 5.160 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

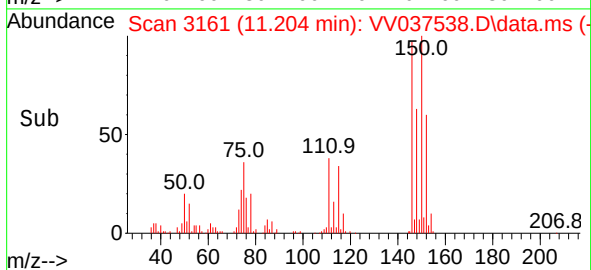
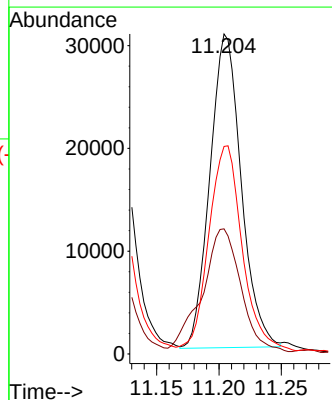
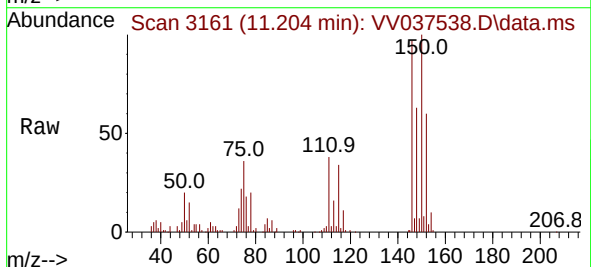
Tgt Ion:146 Resp: 53410

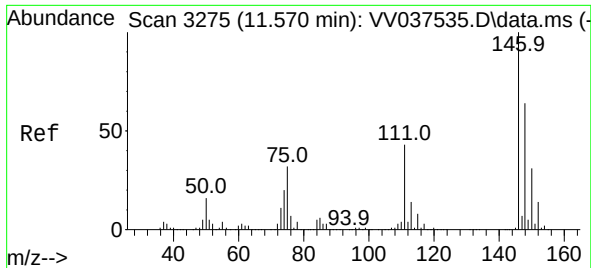
Ion Ratio Lower Upper

146 100

111 39.1 27.6 51.4

148 64.9 44.4 82.4

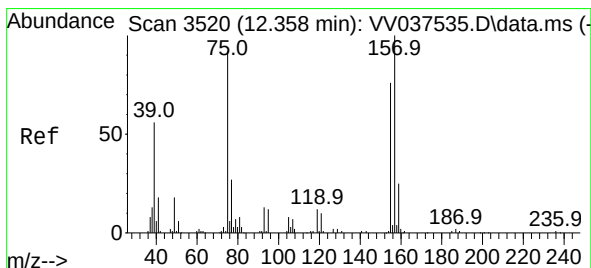
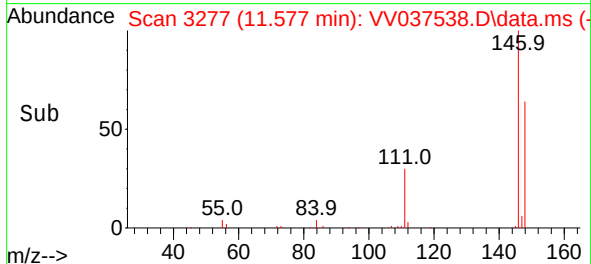
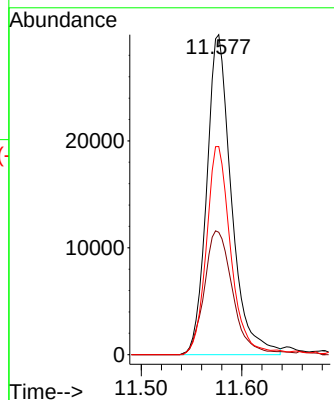
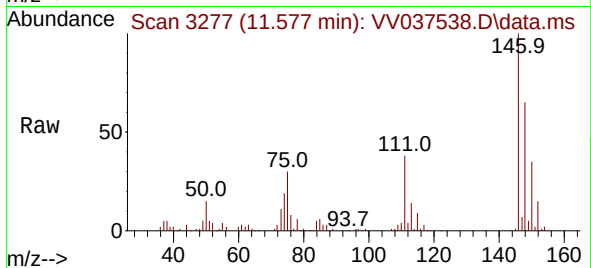




#67
1,2-Dichlorobenzene
Concen: 5.208 ug/L
RT: 11.577 min Scan# 311
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

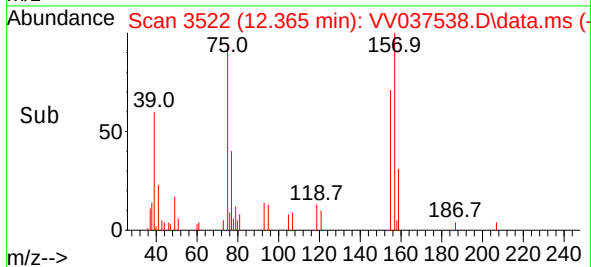
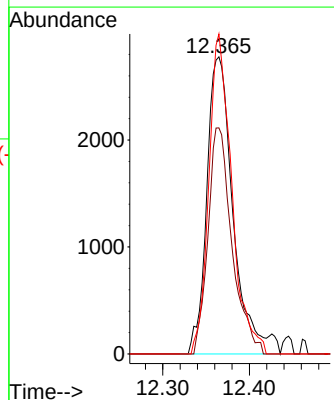
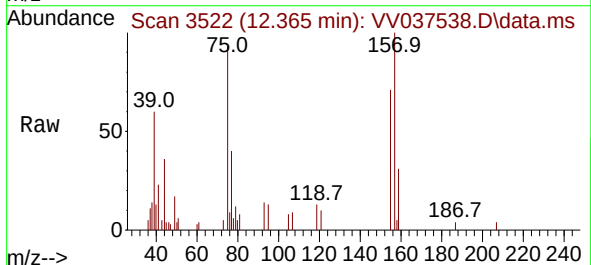
Instrument :
MSVOA_V
ClientSampleId :

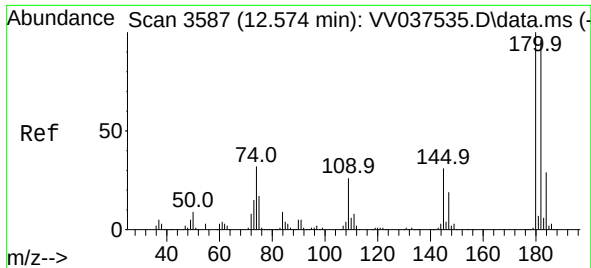
Tgt Ion:146 Resp: 51181
Ion Ratio Lower Upper
146 100
111 38.3 34.2 51.2
148 65.0 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.359 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.007 min
Lab File: VV037538.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 75 Resp: 5881
Ion Ratio Lower Upper
75 100
155 76.1 66.2 99.4
157 107.7 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 5.237 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.007 min

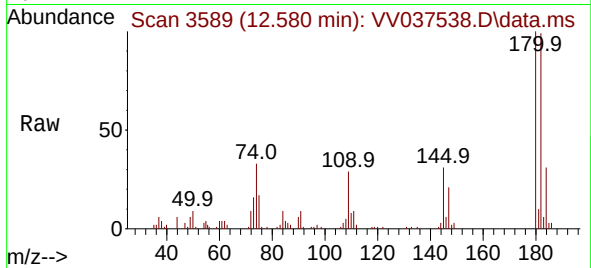
Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 35799

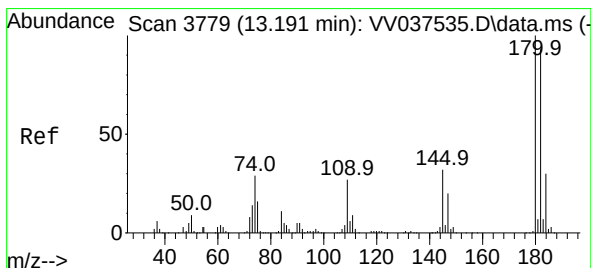
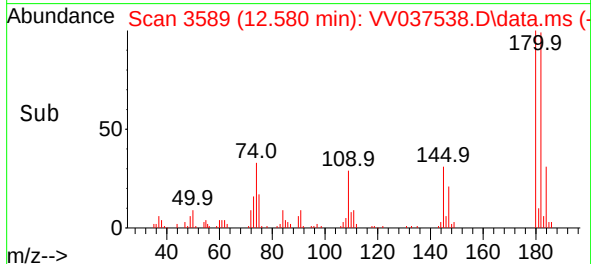
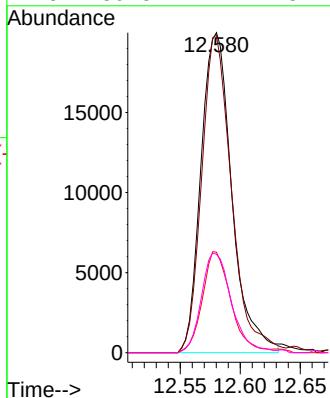
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

184 29.2 23.8 35.6

145 30.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 5.157 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

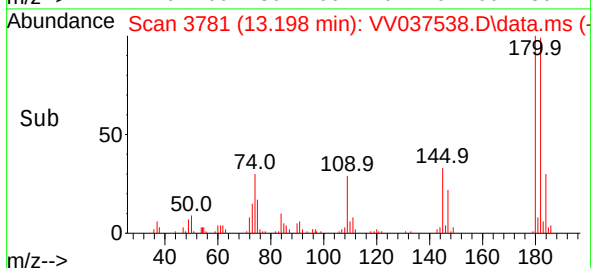
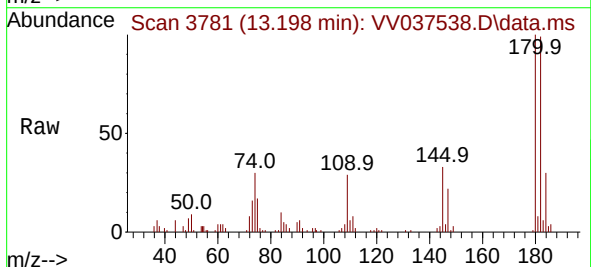
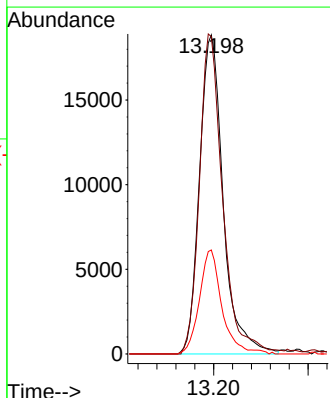
Tgt Ion:180 Resp: 32710

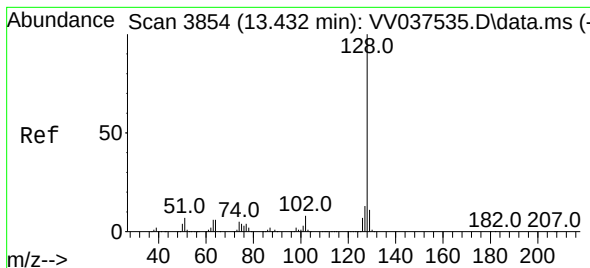
Ion Ratio Lower Upper

180 100

182 97.9 75.9 113.9

145 30.4 25.4 38.2





#71

Naphthalene

Concen: 4.942 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

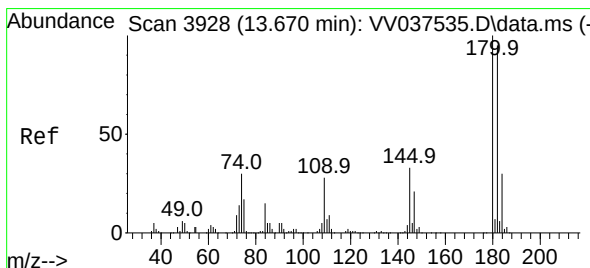
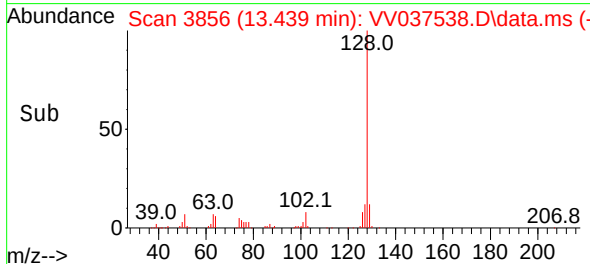
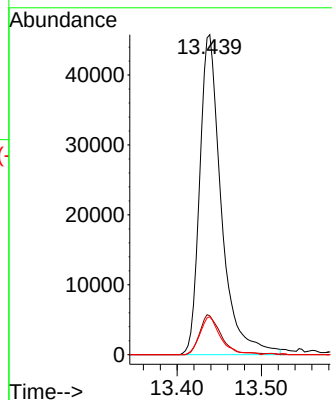
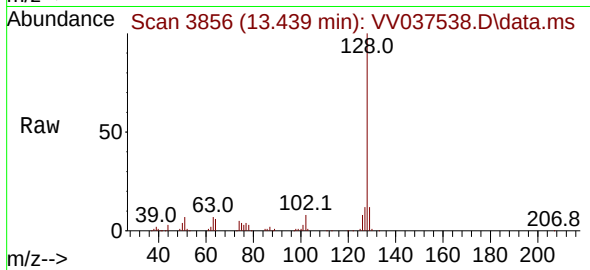
Tgt Ion:128 Resp: 81900

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 11.4 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 5.209 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.007 min

Lab File: VV037538.D

Acq: 26 Sep 2024 11:18

Tgt Ion:180 Resp: 32626

Ion Ratio Lower Upper

180 100

182 92.5 75.8 113.8

145 33.2 26.2 39.4

