

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037012.D
 Acq On : 26 Aug 2024 09:12
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:02:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	691220	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	656715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	322335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29047	4.594	ug/L	0.00
7) Chloroethane-d5	1.532	69	22617	4.628	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	12525	4.713	ug/L	0.00
21) 2-Butanone-d5	3.818	46	13740	5.913	ug/L	0.03
24) Chloroform-d	4.243	84	44029	4.449	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	28126	4.513	ug/L	0.00
32) Benzene-d6	4.953	84	89604	4.517	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	27871	4.486	ug/L	0.00
41) Toluene-d8	7.239	98	78850	4.405	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	12619	4.390	ug/L	0.00
47) 2-Hexanone-d5	8.040	63	10069	6.147	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	32333	4.291	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	30213	4.680	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	26008	4.453	ug/L	99
3) Chloromethane	1.217	50	28959	4.408	ug/L	97
5) Vinyl chloride	1.282	62	27530	4.464	ug/L	85
6) Bromomethane	1.487	94	14826	4.291	ug/L	96
8) Chloroethane	1.548	64	16456	4.363	ug/L	100
9) Trichlorofluoromethane	1.712	101	36423	4.526	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	20691	4.323	ug/L	98
12) 1,1-Dichloroethene	2.069	96	20431	4.531	ug/L	96
13) Acetone	2.111	43	30154	11.767	ug/L	98
14) Carbon disulfide	2.236	76	58384	4.265	ug/L	98
15) Methyl Acetate	2.372	43	18223	4.139	ug/L	97
16) Methylene chloride	2.442	84	23333	4.586	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	20334	4.343	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	61721	4.191	ug/L	98
19) 1,1-Dichloroethane	3.101	63	41582	4.473	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	21379	4.133	ug/L	98
22) 2-Butanone	3.896	43	17213	6.182	ug/L	93
23) Bromochloromethane	4.140	128	10388	4.091	ug/L #	83
25) Chloroform	4.269	83	42131	4.475	ug/L	98
27) 1,2-Dichloroethane	5.040	62	26992	3.929	ug/L	95
29) Cyclohexane	4.571	56	32039	4.149	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	32325	4.278	ug/L	97
31) Carbon tetrachloride	4.722	117	27666	4.339	ug/L #	45
33) Benzene	5.005	78	79349	4.187	ug/L	100
34) Trichloroethene	5.831	95	21729	4.344	ug/L	98
35) Methylcyclohexane	6.040	83	32792	4.070	ug/L	96
37) 1,2-Dichloropropane	5.982	63	1587	0.312	ug/L	99
38) Bromodichloromethane	6.432	83	27176	4.173	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	26531	3.353	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	36394	7.251	ug/L	96
42) Toluene	7.313	91	80781	4.094	ug/L	93
44) trans-1,3-Dichloropropene	7.584	75	25823	3.651	ug/L	95

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

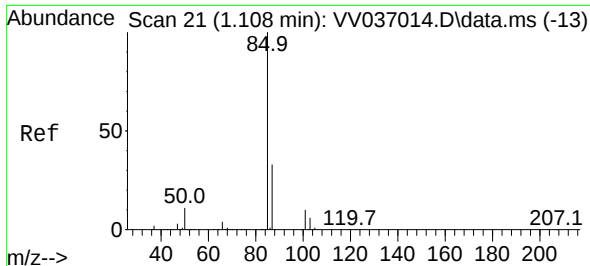
45) 1,1,2-Trichloroethane	7.767	97	20058	4.241	ug/L	99
46) Tetrachloroethene	7.902	164	15084	4.203	ug/L	96
48) 2-Hexanone	8.088	43	27298	7.041	ug/L #	90
49) Dibromochloromethane	8.172	129	19281	4.071	ug/L	90
50) 1,2-Dibromoethane	8.281	107	20177	4.216	ug/L #	94
51) Chlorobenzene	8.812	112	55999	4.287	ug/L	98
52) Ethylbenzene	8.944	91	89462	4.014	ug/L	100
53) m,p-Xylene	9.072	106	31352	3.796	ug/L	97
54) o-Xylene	9.474	106	30888	3.820	ug/L	100
55) Styrene	9.497	104	49916	3.580	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	27528	3.930	ug/L	93
59) Bromoform	9.664	173	12077	4.019	ug/L #	93
60) Isopropylbenzene	9.863	105	84348	4.036	ug/L	97
61) 1,2,3-Trichloropropane	10.207	75	20924	4.173	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	66102	3.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	62530	3.665	ug/L	96
64) 1,3-Dichlorobenzene	11.117	146	41409	4.291	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	42001	4.253	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	40541	4.273	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	4560	3.647	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	27461	4.090	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	25004	3.955	ug/L	97
71) Naphthalene	13.439	128	56861	3.115	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	24230	3.889	ug/L	96

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

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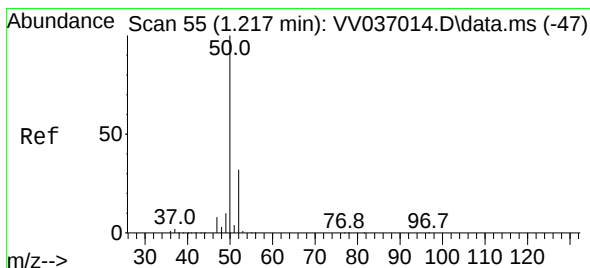
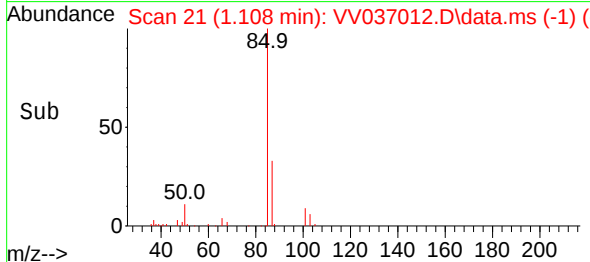
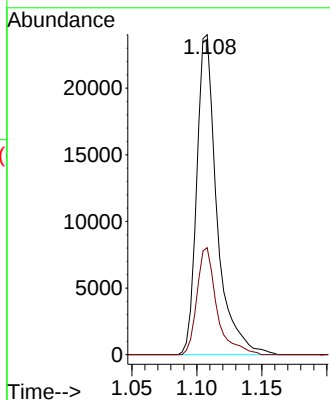
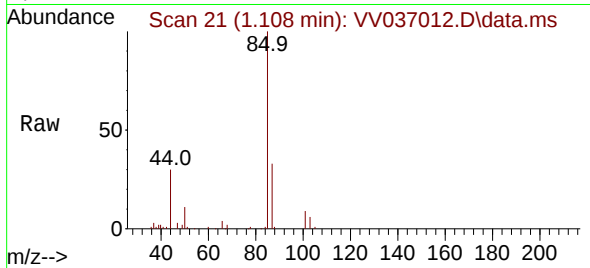




#2
 Dichlorodifluoromethane
 Concen: 4.453 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

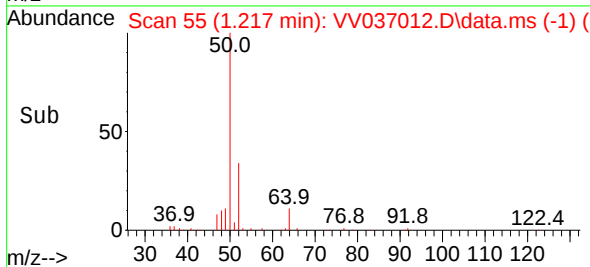
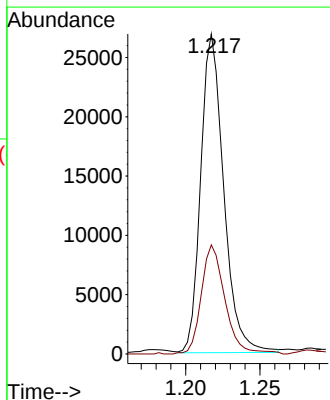
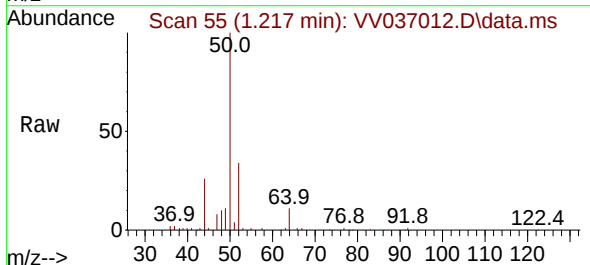
Instrument :
 MSVOA_V
 ClientSampleId :

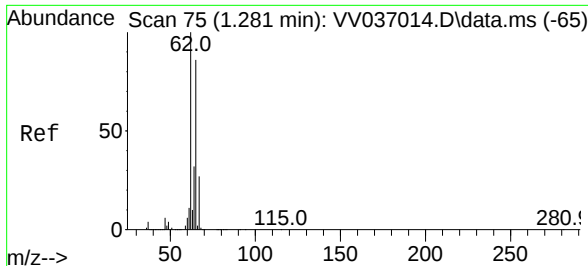
Tgt Ion: 85 Resp: 26008
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.9 38.9



#3
 Chloromethane
 Concen: 4.408 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

Tgt Ion: 50 Resp: 28959
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.5 41.9

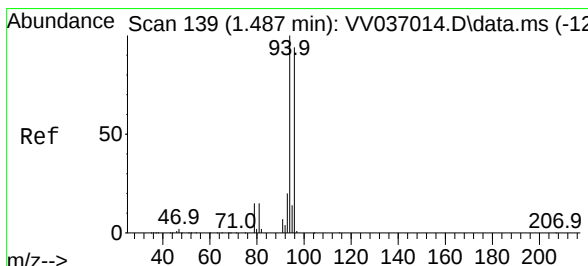
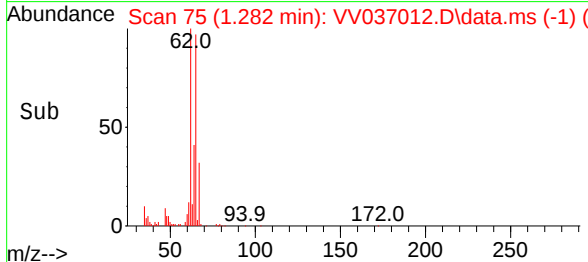
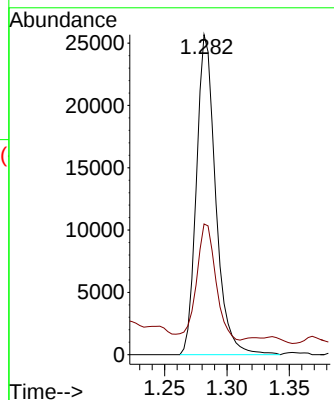
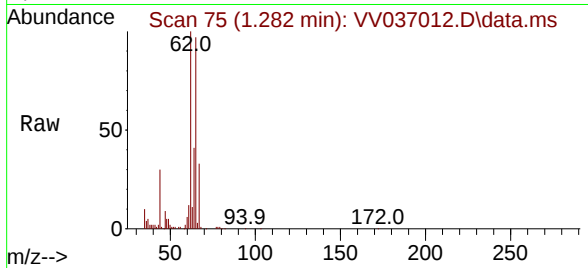




#5
 Vinyl chloride
 Concen: 4.464 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

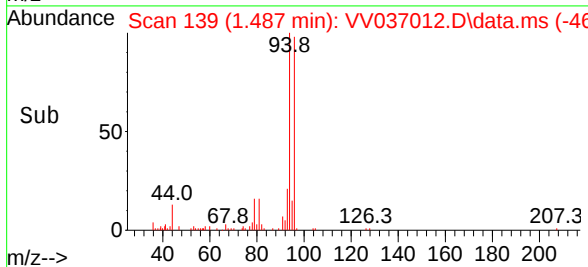
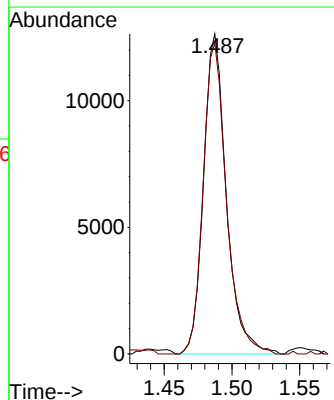
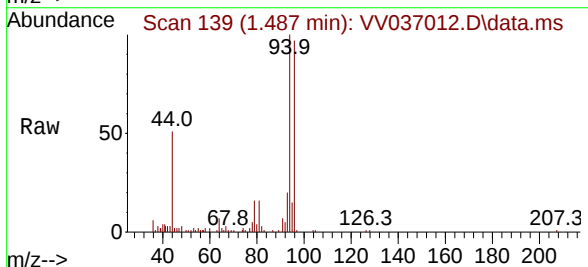
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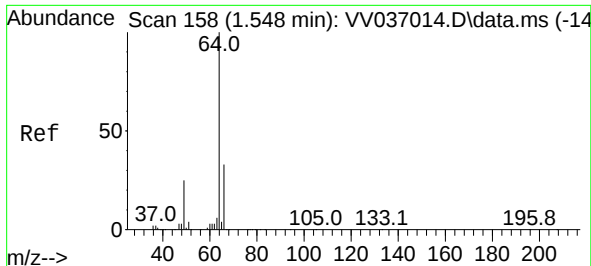
Tgt Ion: 62 Resp: 27530
 Ion Ratio Lower Upper
 62 100
 64 40.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.291 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

Tgt Ion: 94 Resp: 14826
 Ion Ratio Lower Upper
 94 100
 96 97.2 65.6 121.8

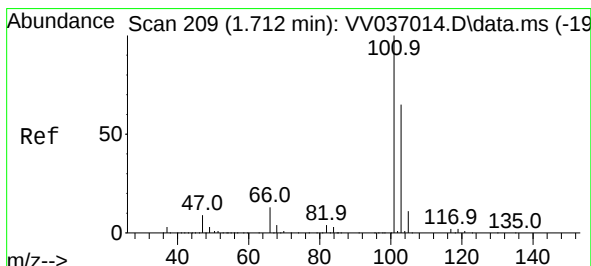
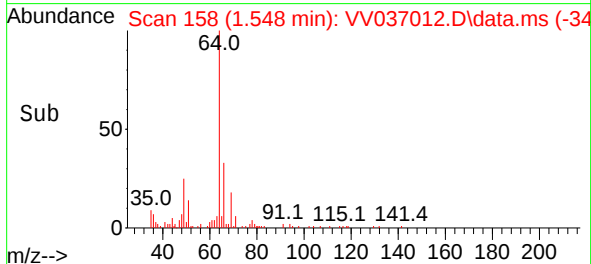
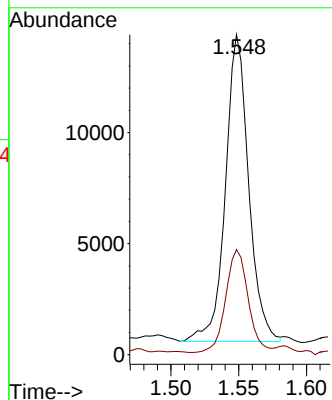
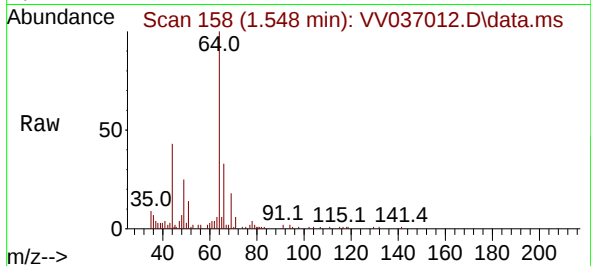




#8
Chloroethane
Concen: 4.363 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

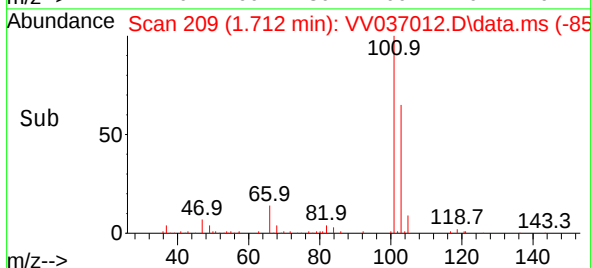
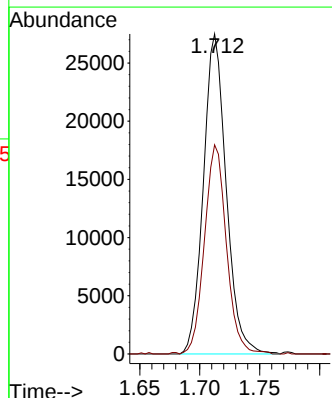
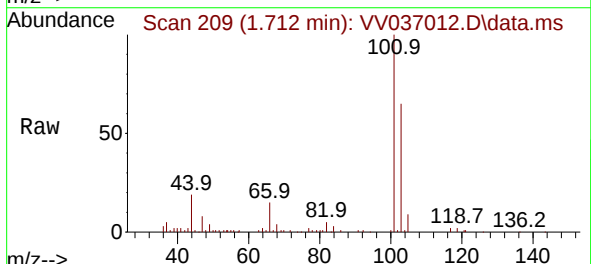
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ClientSampleId :

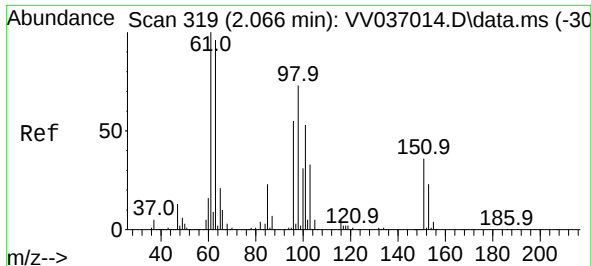
Tgt Ion: 64 Resp: 16456
Ion Ratio Lower Upper
64 100
66 32.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.526 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion: 101 Resp: 36423
Ion Ratio Lower Upper
101 100
103 62.8 51.7 77.5

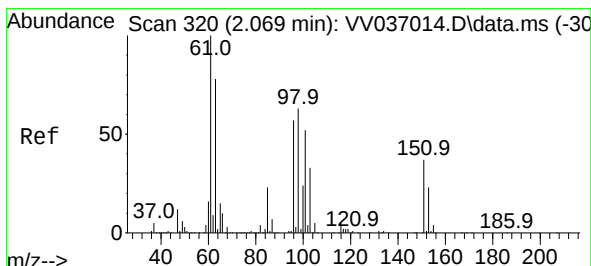
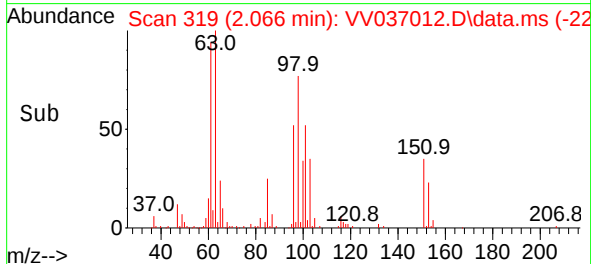
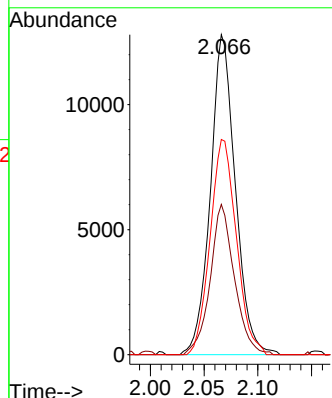
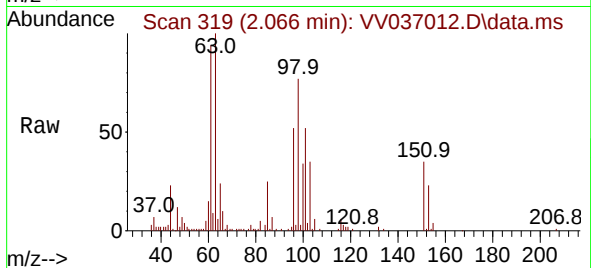




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.323 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

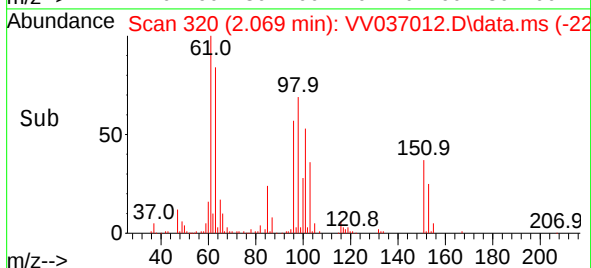
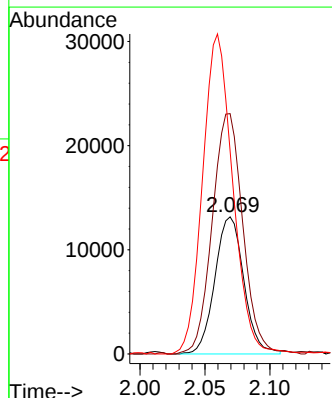
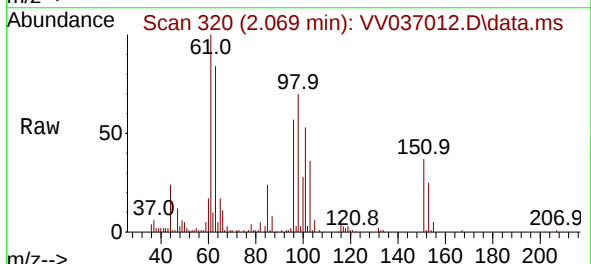
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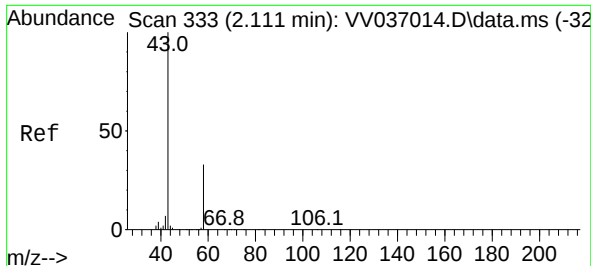
Tgt Ion:101 Resp: 20691
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.6 53.4
 151 70.7 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 4.531 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

Tgt Ion: 96 Resp: 20431
 Ion Ratio Lower Upper
 96 100
 61 175.3 123.8 229.8
 63 148.0 96.5 179.1





#13

Acetone

Concen: 11.767 ug/L

RT: 2.111 min Scan# 301

Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

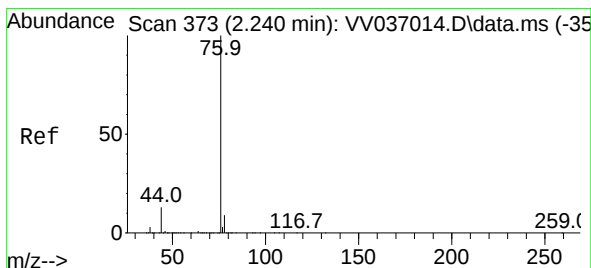
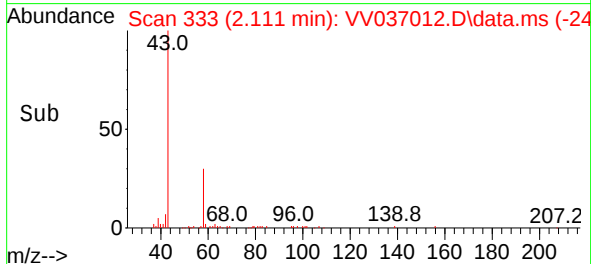
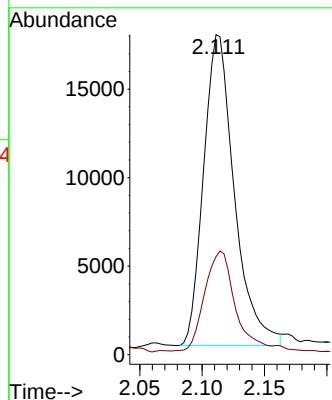
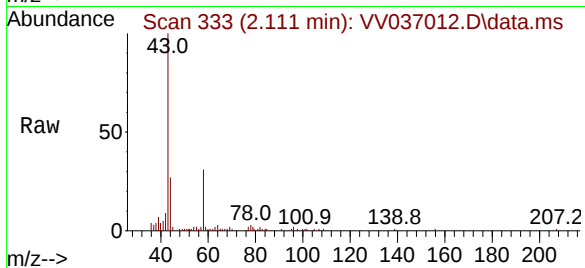
ClientSampleId :

Tgt Ion: 43 Resp: 30154

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.8



#14

Carbon disulfide

Concen: 4.265 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037012.D

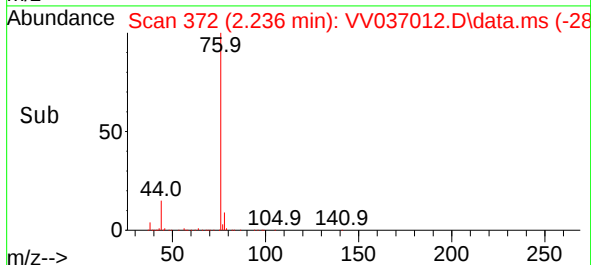
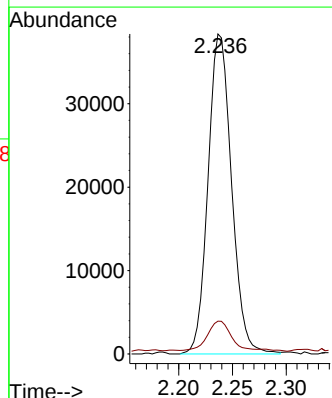
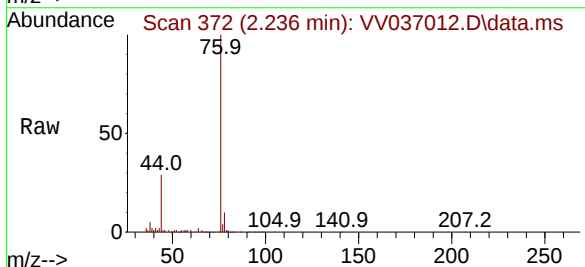
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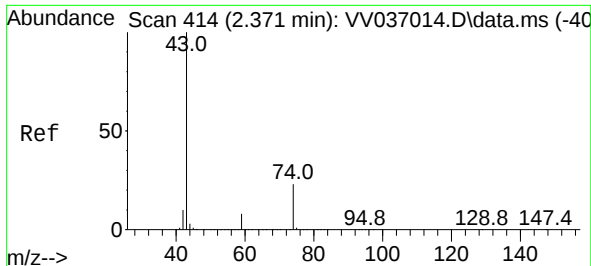
Tgt Ion: 76 Resp: 58384

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3





#15

Methyl Acetate

Concen: 4.139 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

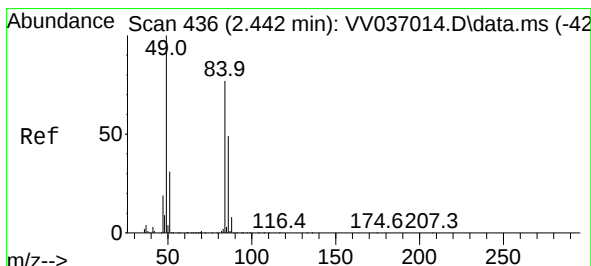
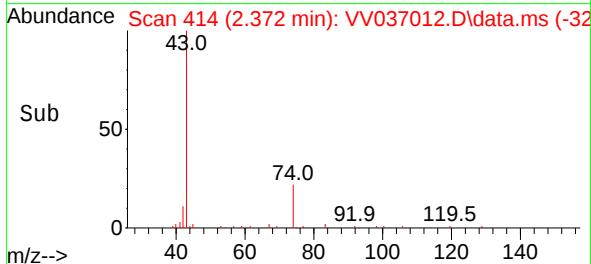
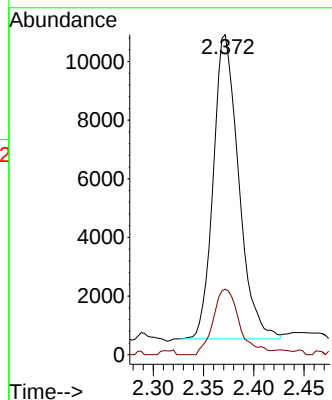
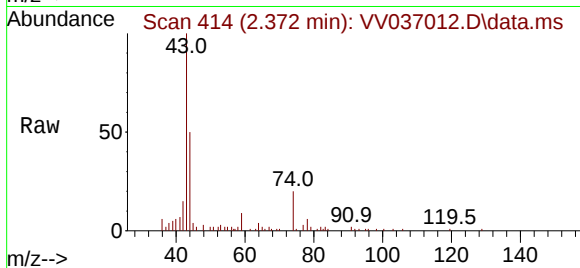
ClientSampleId :

Tgt Ion: 43 Resp: 18223

Ion Ratio Lower Upper

43 100

74 21.6 18.4 27.6



#16

Methylene chloride

Concen: 4.586 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

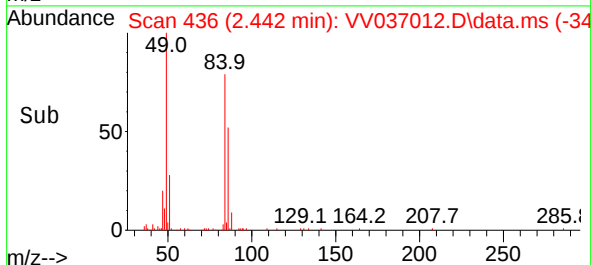
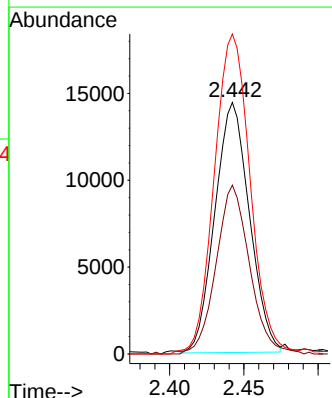
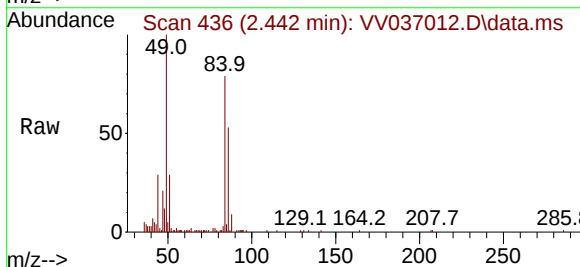
Tgt Ion: 84 Resp: 23333

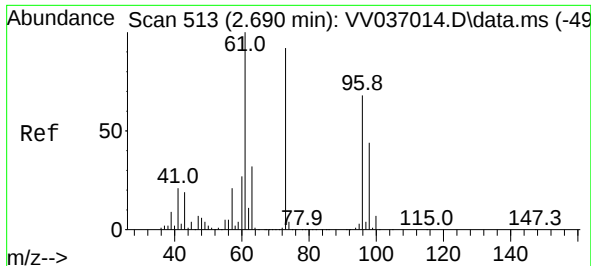
Ion Ratio Lower Upper

84 100

86 67.1 44.7 82.9

49 127.2 91.4 169.8

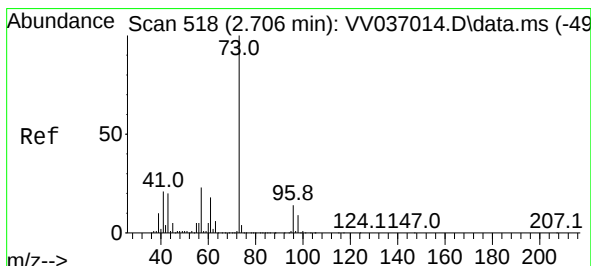
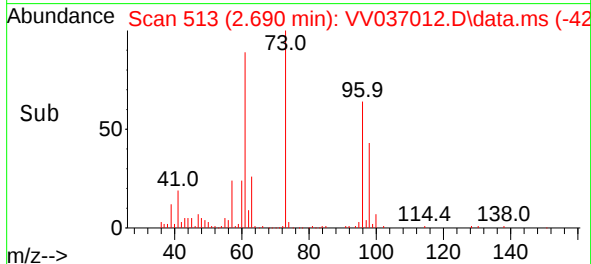
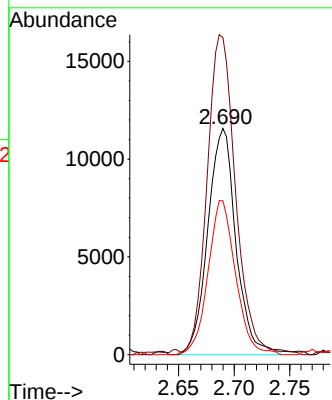
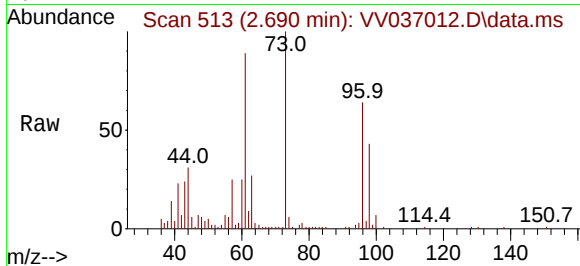




#17
trans-1,2-Dichloroethene
Concen: 4.343 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

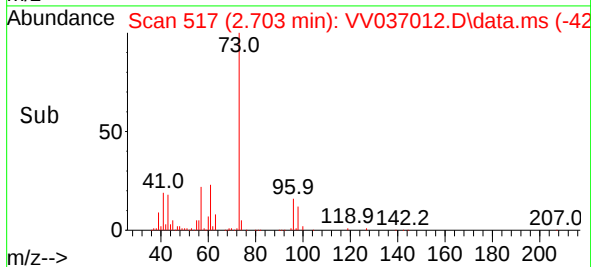
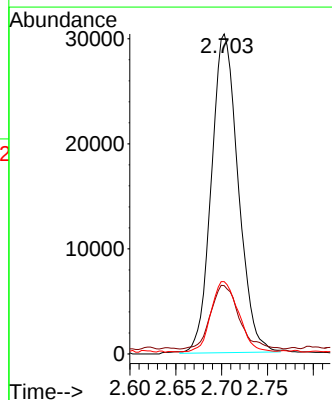
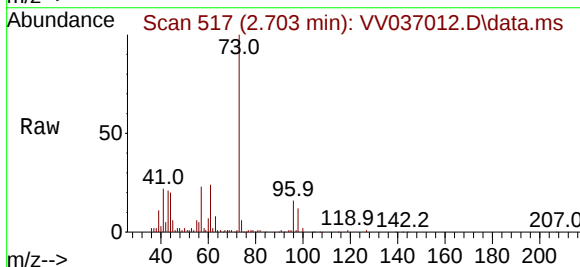
Instrument :
MSVOA_V
ClientSampleId :

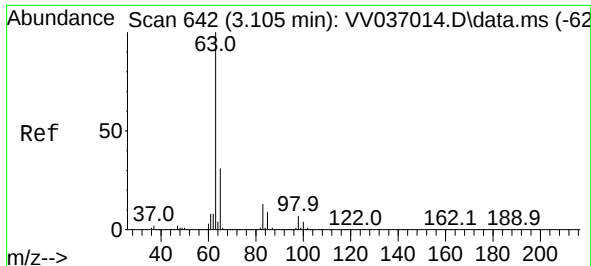
Tgt Ion: 96 Resp: 20334
Ion Ratio Lower Upper
96 100
61 140.2 102.3 189.9
98 68.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 4.191 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion: 73 Resp: 61721
Ion Ratio Lower Upper
73 100
43 21.0 15.8 23.6
57 23.1 18.1 27.1

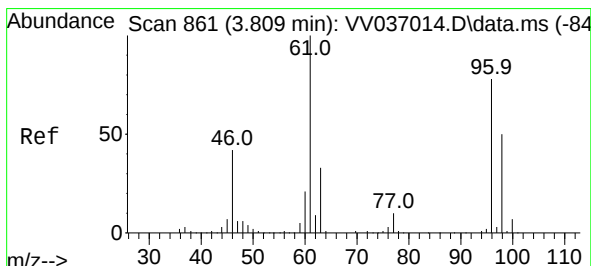
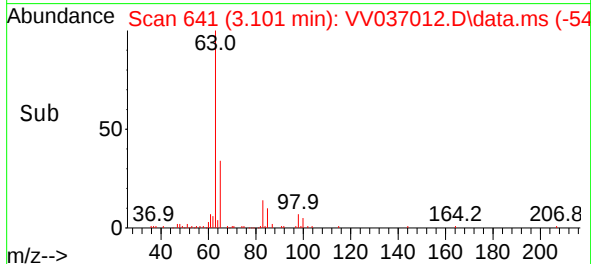
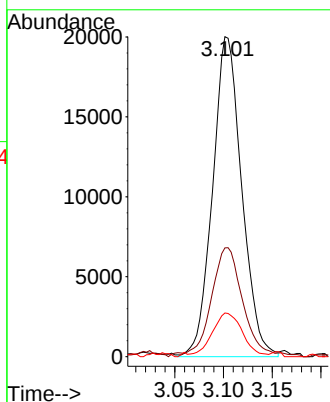
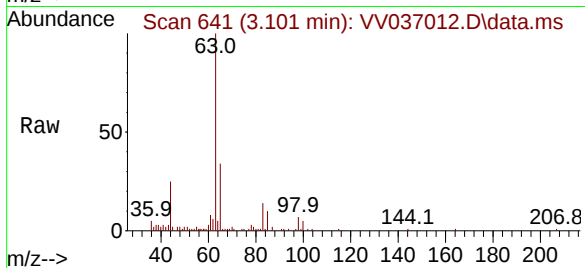




#19
1,1-Dichloroethane
Concen: 4.473 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

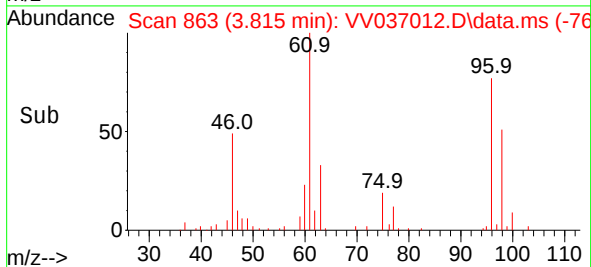
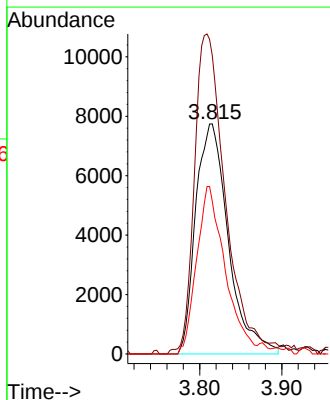
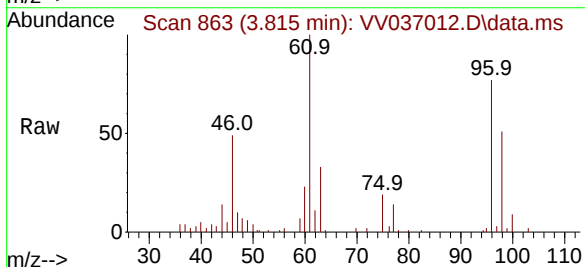
Instrument :
MSVOA_V
ClientSampleId :

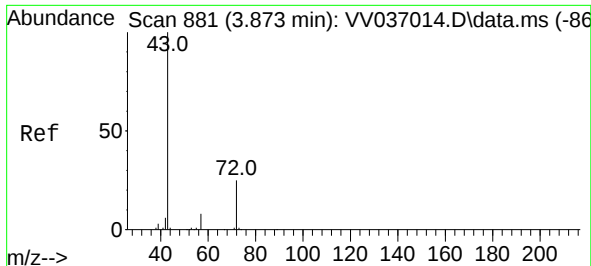
Tgt Ion: 63 Resp: 41582
Ion Ratio Lower Upper
63 100
65 34.0 22.0 41.0
83 13.6 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 4.133 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion: 96 Resp: 21379
Ion Ratio Lower Upper
96 100
61 129.7 89.9 166.9
98 66.4 44.8 83.2

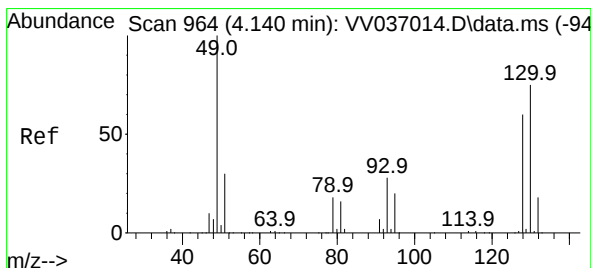
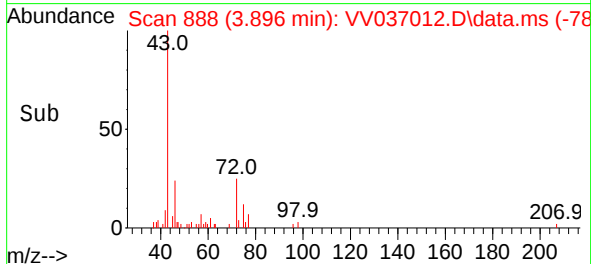
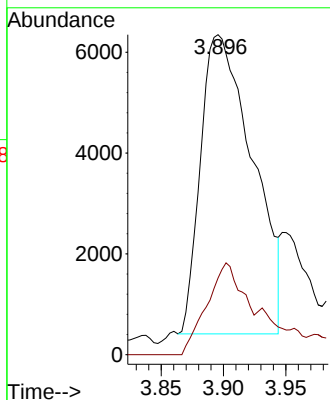
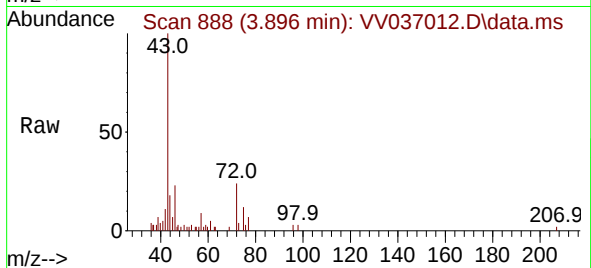




#22
2-Butanone
Concen: 6.182 ug/L
RT: 3.896 min Scan# 881
Delta R.T. 0.023 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

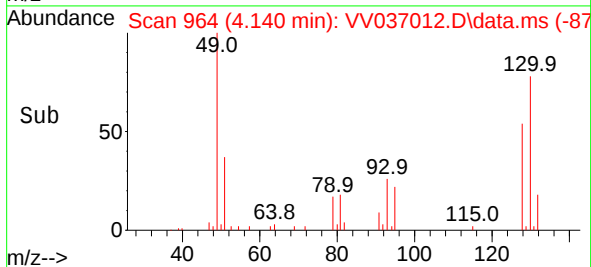
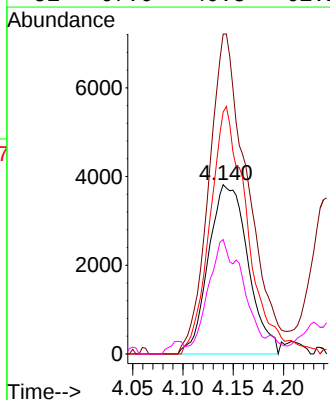
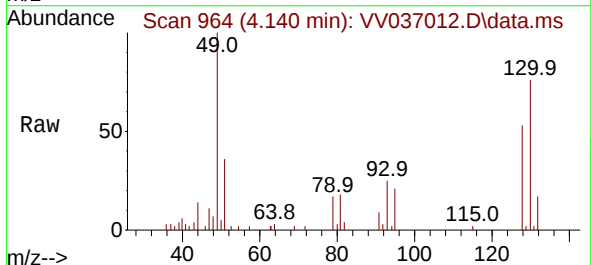
Instrument :
MSVOA_V
ClientSampleId :

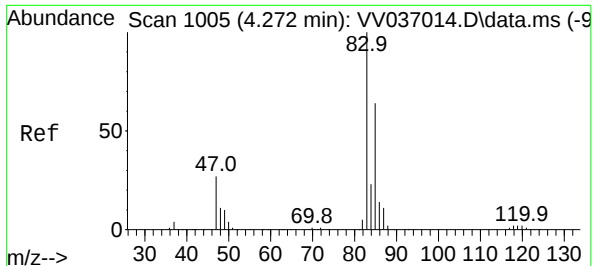
Tgt Ion: 43 Resp: 17213
Ion Ratio Lower Upper
43 100
72 21.9 12.7 38.0



#23
Bromochloromethane
Concen: 4.091 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion:128 Resp: 10388
Ion Ratio Lower Upper
128 100
49 188.9 117.2 217.6
130 142.9 87.6 162.8
51 67.6 40.8 61.2#





#25

Chloroform

Concen: 4.475 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

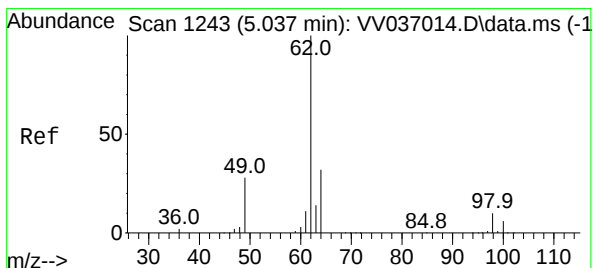
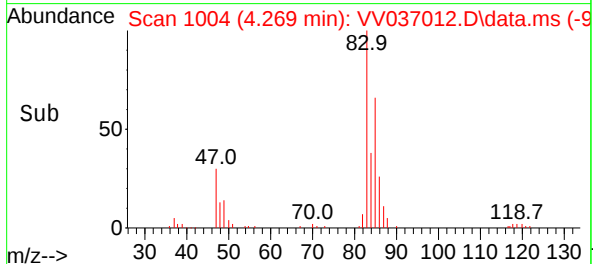
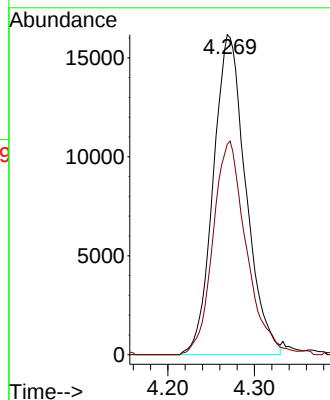
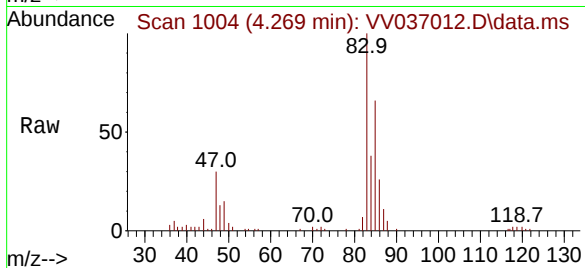
ClientSampleId :

Tgt Ion: 83 Resp: 42131

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 3.929 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV037012.D

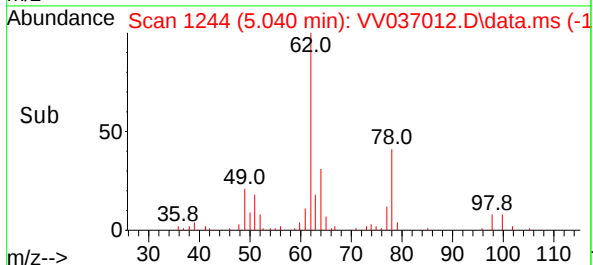
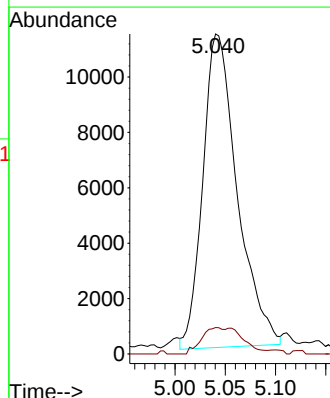
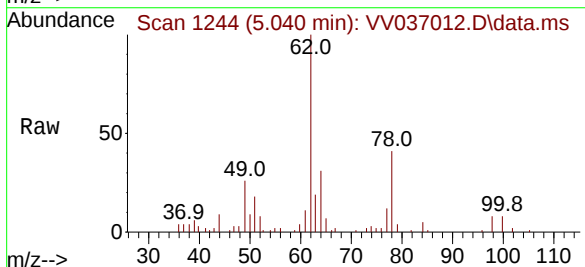
Acq: 26 Aug 2024 09:12

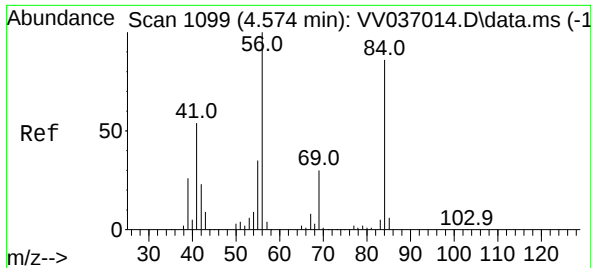
Tgt Ion: 62 Resp: 26992

Ion Ratio Lower Upper

62 100

98 8.2 8.0 12.0





#29

Cyclohexane

Concen: 4.149 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

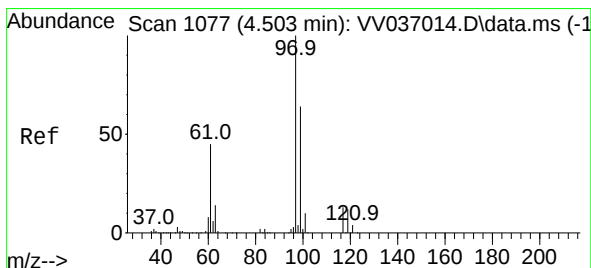
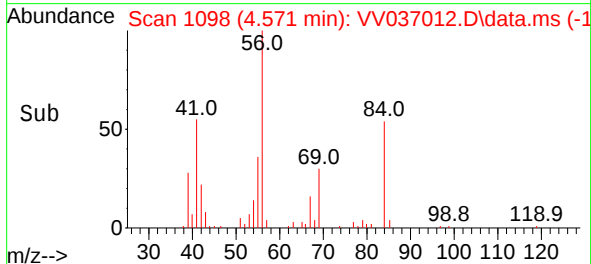
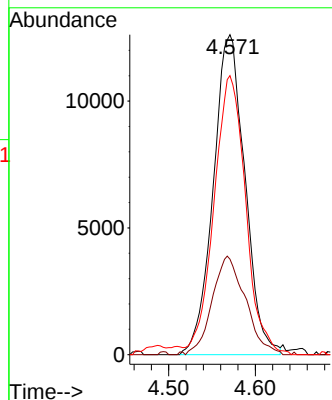
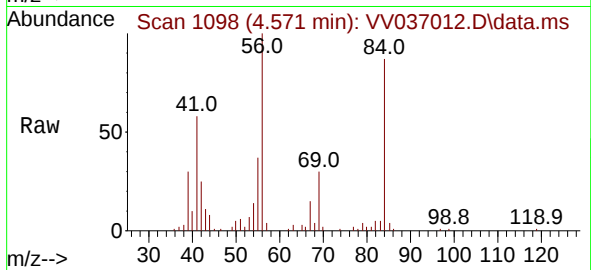
Tgt Ion: 56 Resp: 32039

Ion Ratio Lower Upper

56 100

69 32.3 24.2 36.4

84 87.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 4.278 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

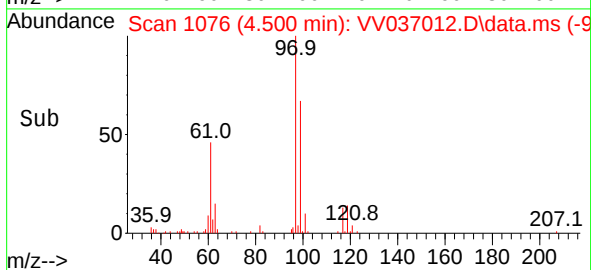
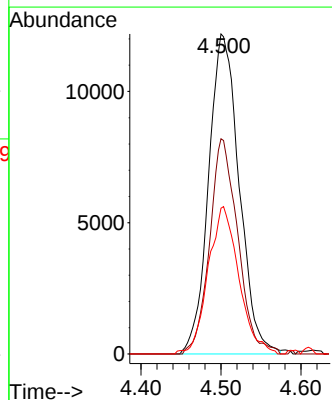
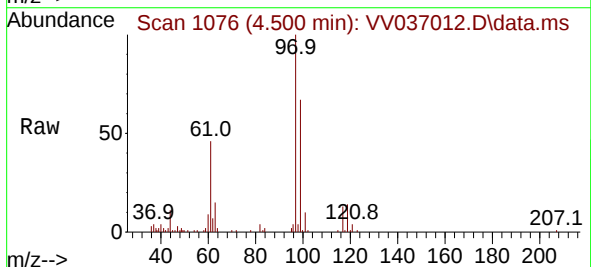
Tgt Ion: 97 Resp: 32325

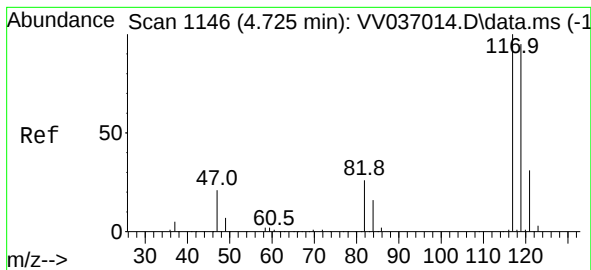
Ion Ratio Lower Upper

97 100

99 61.0 51.6 77.4

61 45.9 35.8 53.6





#31

Carbon tetrachloride

Concen: 4.339 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

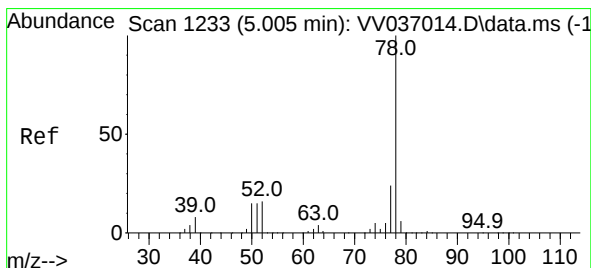
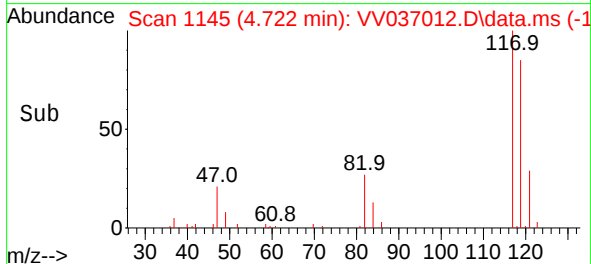
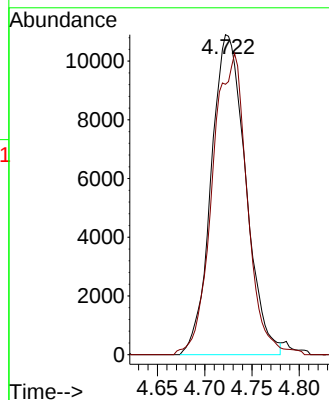
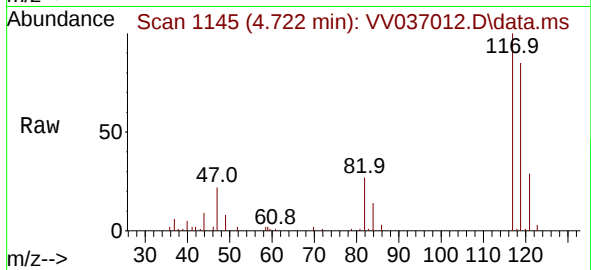
ClientSampleId :

Tgt Ion:117 Resp: 27666

Ion Ratio Lower Upper

117 100

119 41.0 75.8 113.6#



#33

Benzene

Concen: 4.187 ug/L

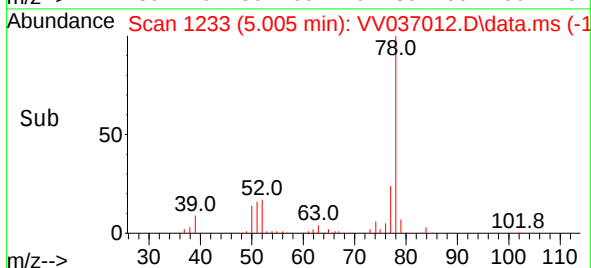
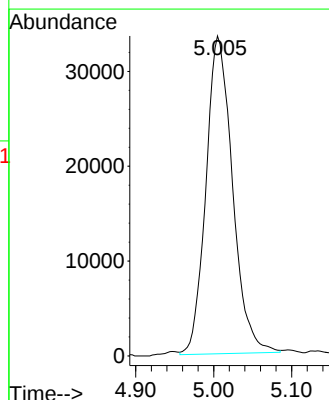
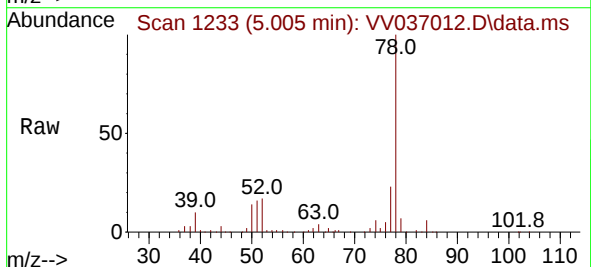
RT: 5.005 min Scan# 1233

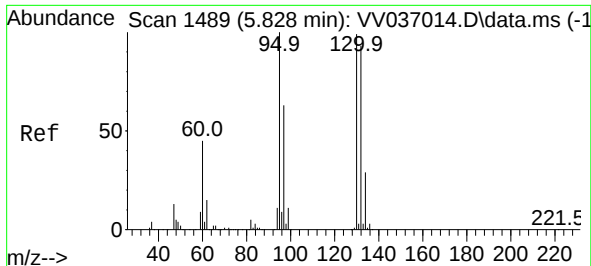
Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Tgt Ion: 78 Resp: 79349

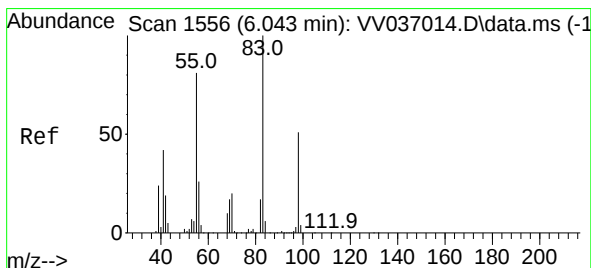
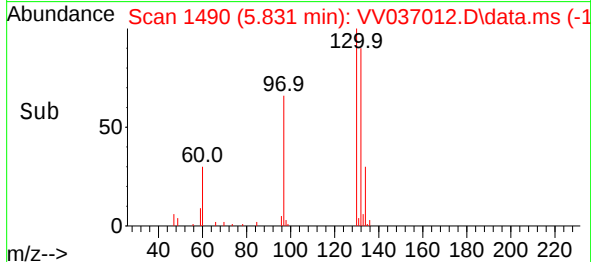
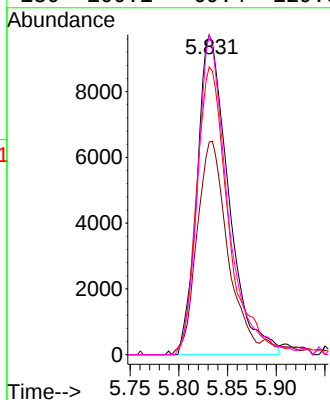
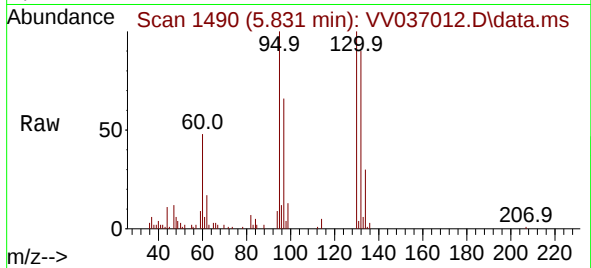




#34
Trichloroethene
Concen: 4.344 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

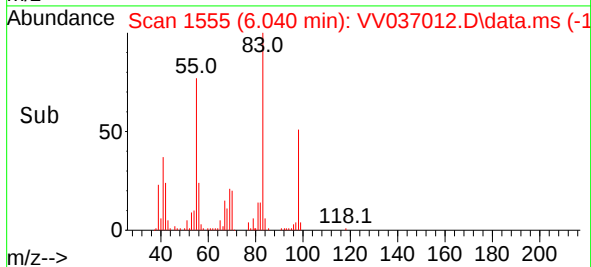
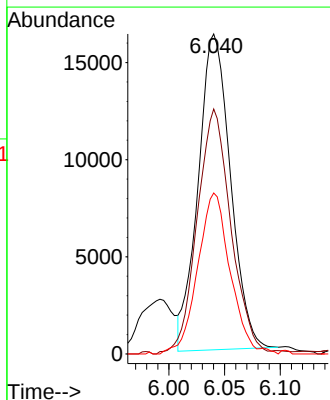
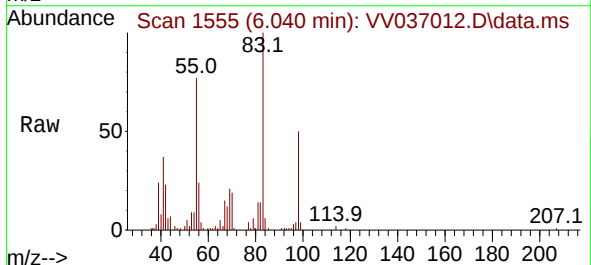
Instrument :
MSVOA_V
ClientSampleId :

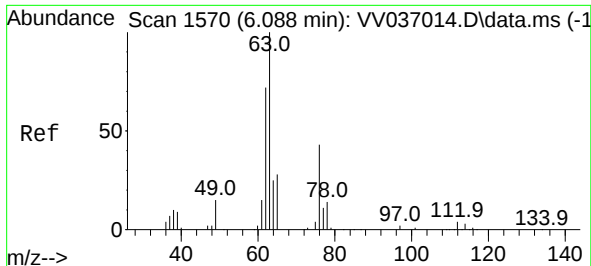
Tgt Ion: 95 Resp: 21729
Ion Ratio Lower Upper
95 100
97 66.5 44.4 82.5
132 90.1 64.9 120.5
130 100.1 69.4 129.0



#35
Methylcyclohexane
Concen: 4.070 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion: 83 Resp: 32792
Ion Ratio Lower Upper
83 100
55 80.9 61.2 91.8
98 50.7 39.3 58.9

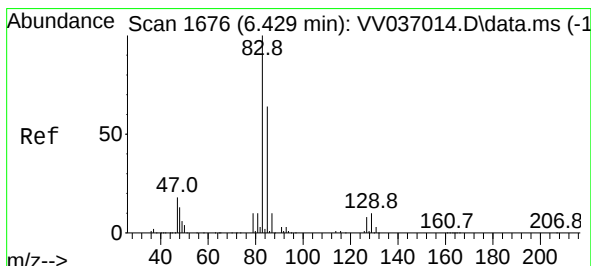
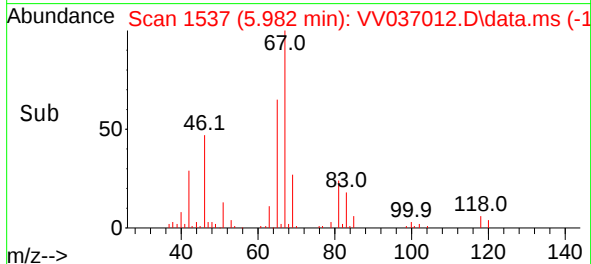
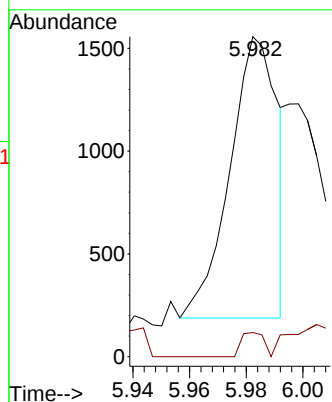
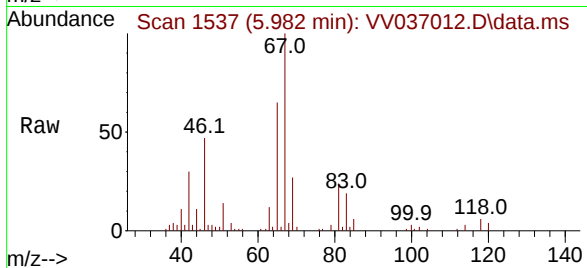




#37
1,2-Dichloropropane
Concen: 0.312 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.106 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

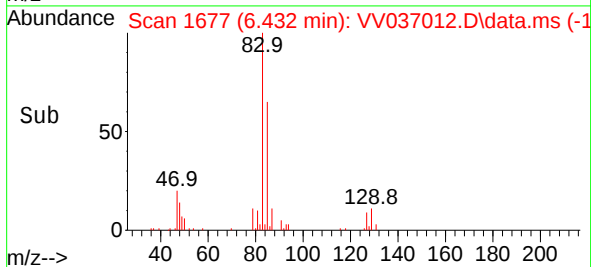
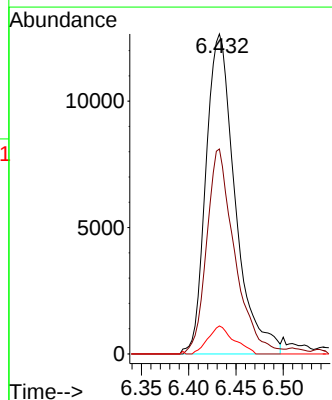
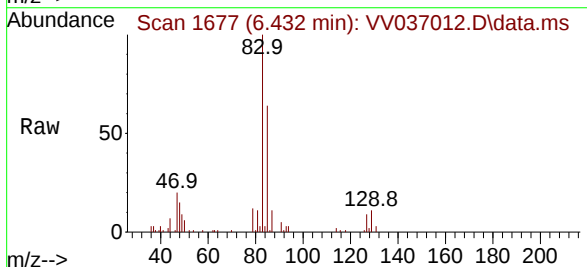
Instrument :
MSVOA_V
ClientSampleId :

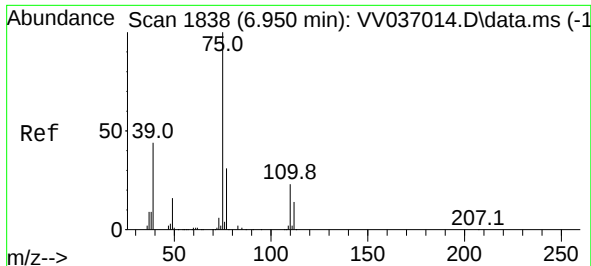
Tgt Ion: 63 Resp: 1587
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 4.173 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion: 83 Resp: 27176
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
127 8.7 6.1 9.1

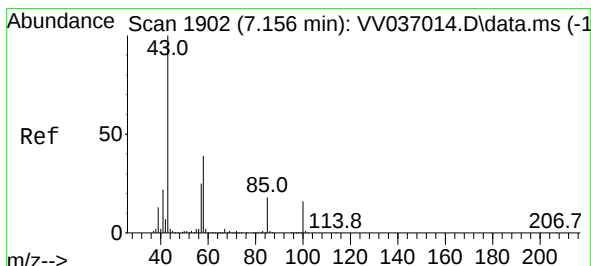
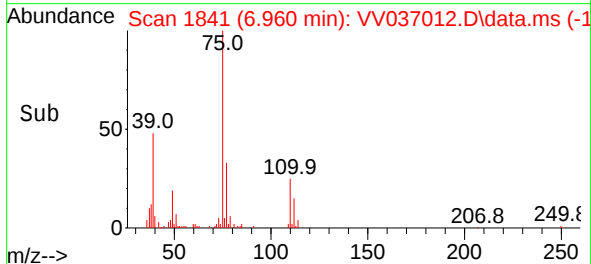
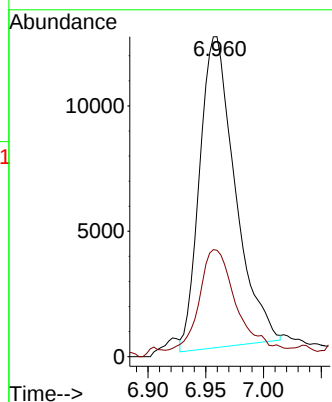
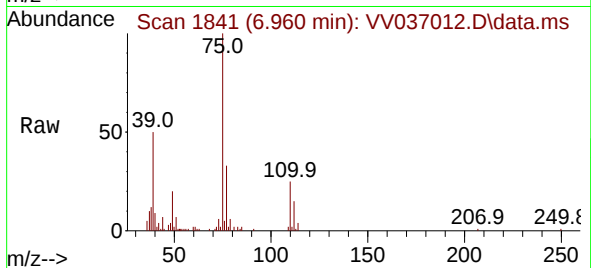




#39
 cis-1,3-Dichloropropene
 Concen: 3.353 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.010 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

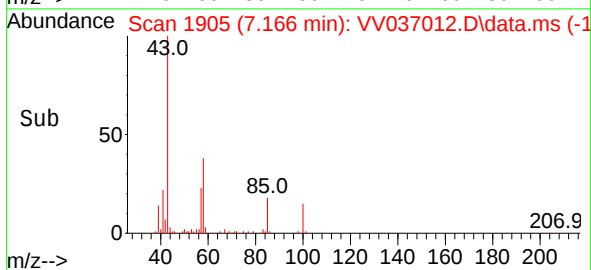
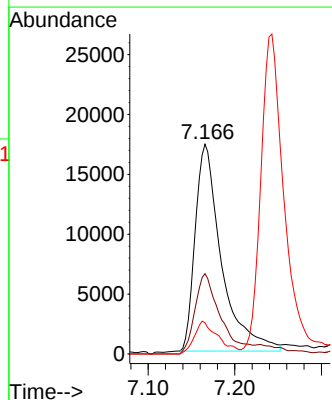
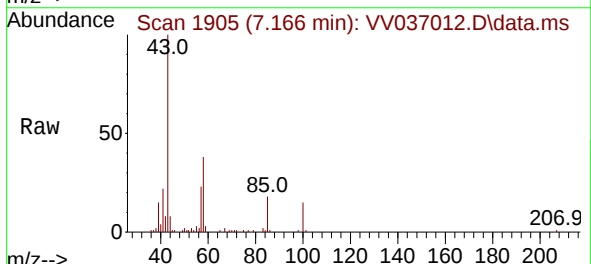
Instrument :
 MSVOA_V
 ClientSampleId :

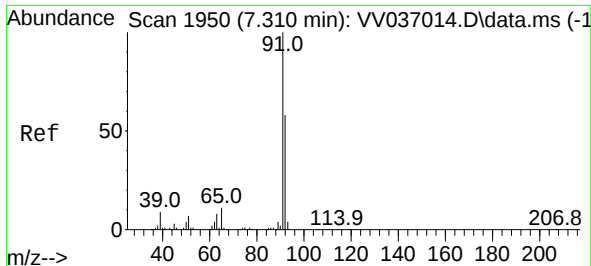
Tgt Ion: 75 Resp: 26531
 Ion Ratio Lower Upper
 75 100
 77 33.3 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 7.251 ug/L
 RT: 7.166 min Scan# 1905
 Delta R.T. 0.010 min
 Lab File: VV037012.D
 Acq: 26 Aug 2024 09:12

Tgt Ion: 43 Resp: 36394
 Ion Ratio Lower Upper
 43 100
 58 37.8 32.0 48.0
 100 13.1 12.4 18.6





#42

Toluene

Concen: 4.094 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

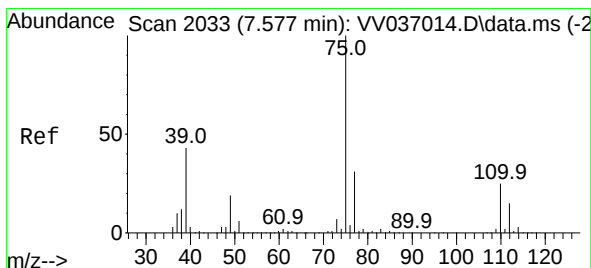
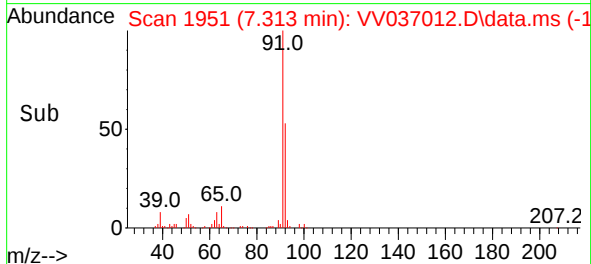
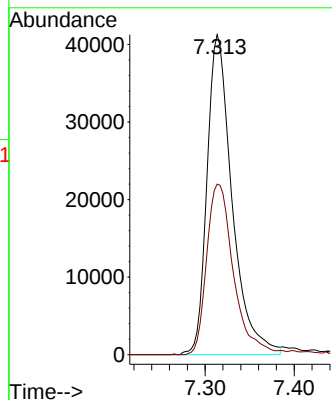
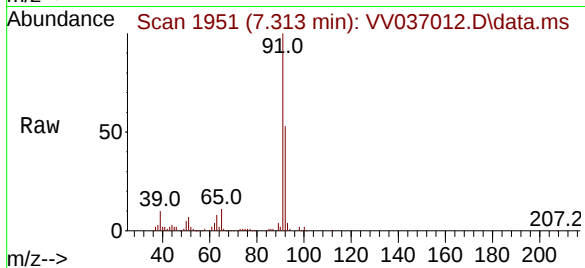
ClientSampleId :

Tgt Ion: 91 Resp: 80781

Ion Ratio Lower Upper

91 100

92 53.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 3.651 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.007 min

Lab File: VV037012.D

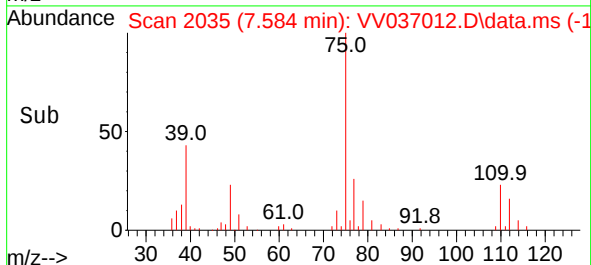
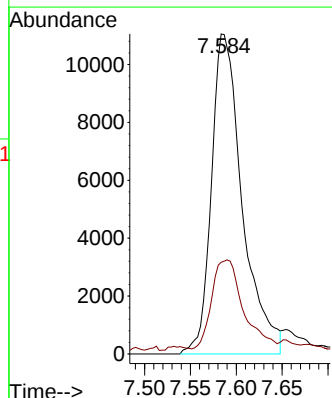
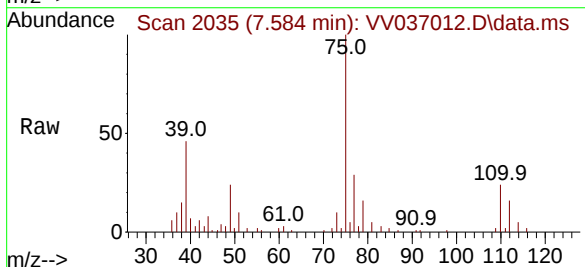
Acq: 26 Aug 2024 09:12

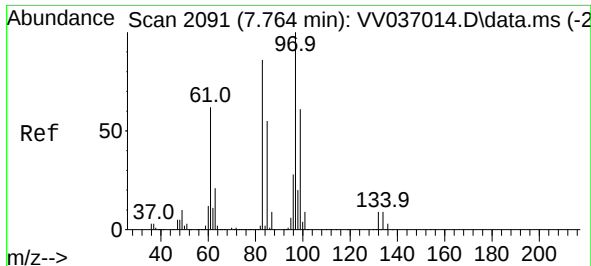
Tgt Ion: 75 Resp: 25823

Ion Ratio Lower Upper

75 100

77 28.6 22.0 40.8

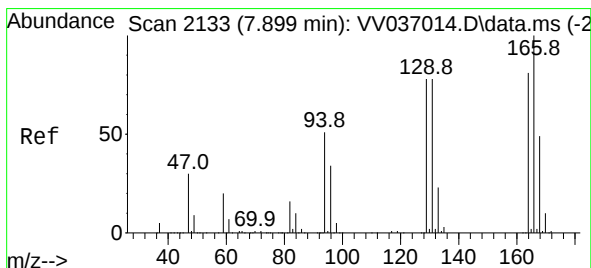
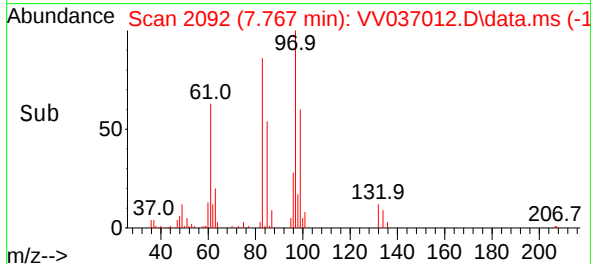
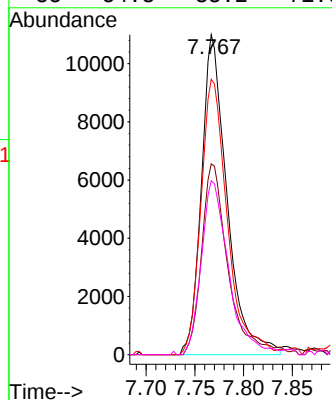
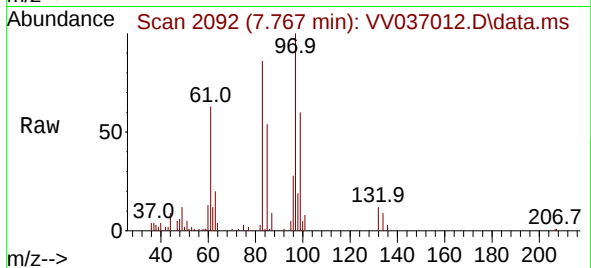




#45
1,1,2-Trichloroethane
Concen: 4.241 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

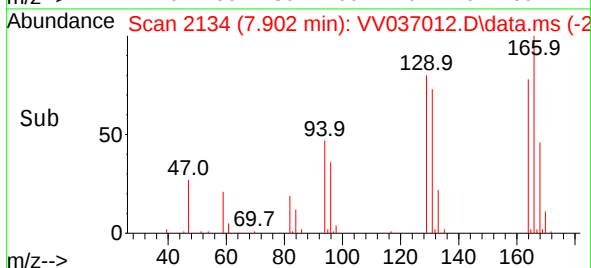
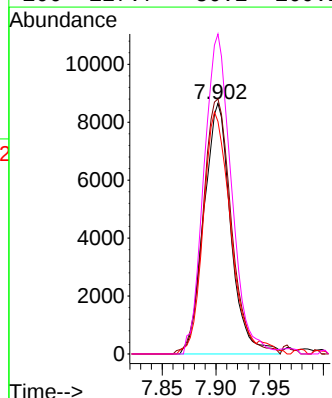
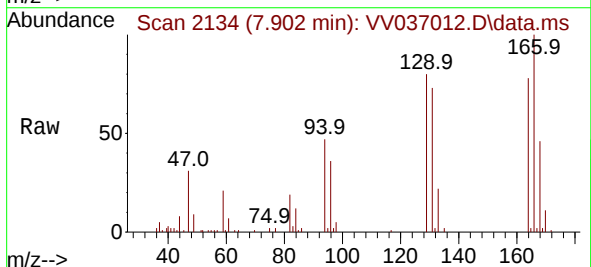
Instrument :
MSVOA_V
ClientSampleId :

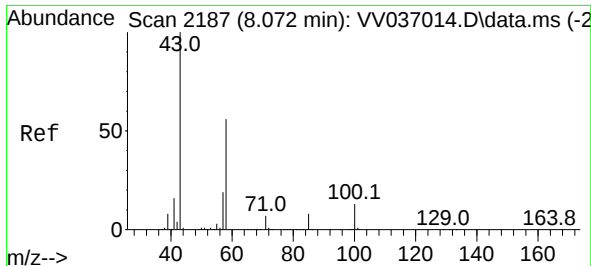
Tgt Ion:	97	Resp:	20058
Ion	Ratio	Lower	Upper
97	100		
99	59.6	42.6	79.0
83	86.0	60.5	112.3
85	54.3	38.2	71.0



#46
Tetrachloroethene
Concen: 4.203 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion:	164	Resp:	15084
Ion	Ratio	Lower	Upper
164	100		
129	101.8	67.1	124.7
131	92.8	67.0	124.4
166	127.7	86.2	160.2





#48

2-Hexanone

Concen: 7.041 ug/L

RT: 8.088 min Scan# 2187

Delta R.T. 0.016 min

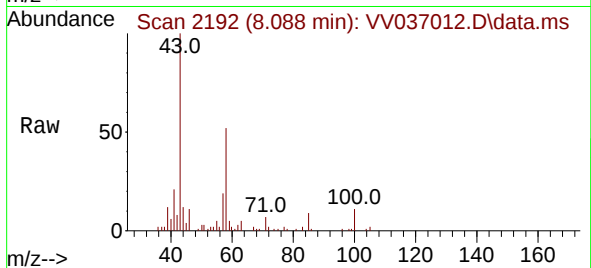
Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 27298

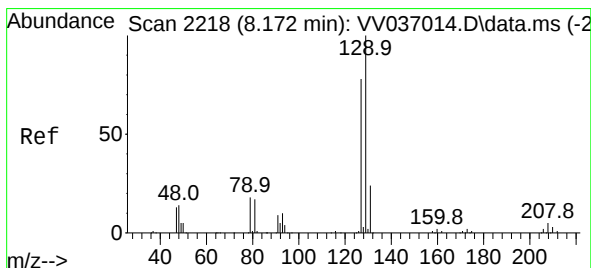
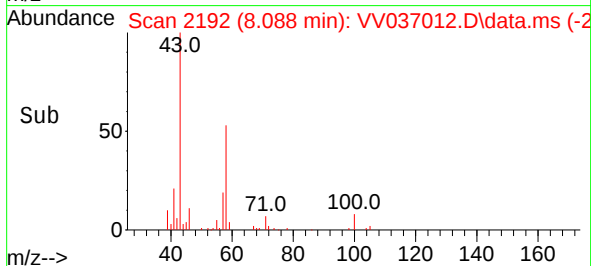
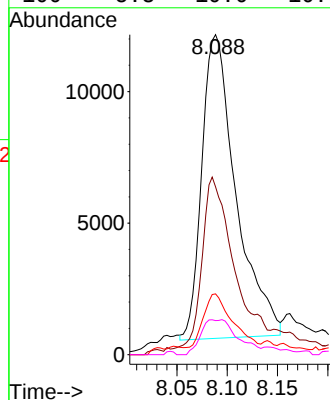
Ion Ratio Lower Upper

43 100

58 49.6 46.0 69.0

57 18.2 15.6 23.4

100 5.3 10.6 16.0#



#49

Dibromochloromethane

Concen: 4.071 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037012.D

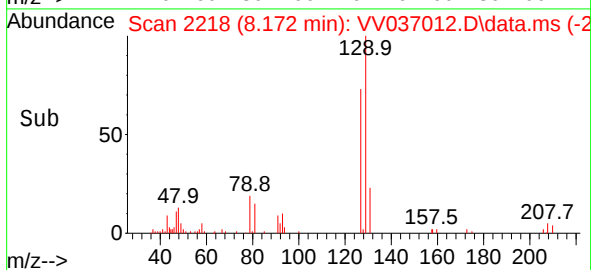
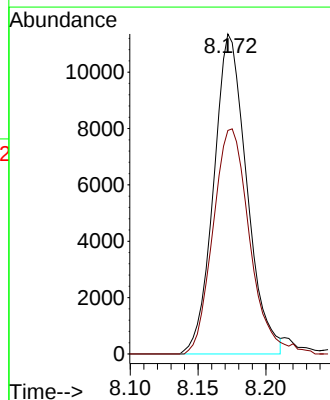
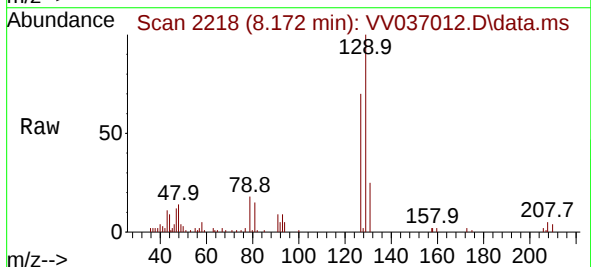
Acq: 26 Aug 2024 09:12

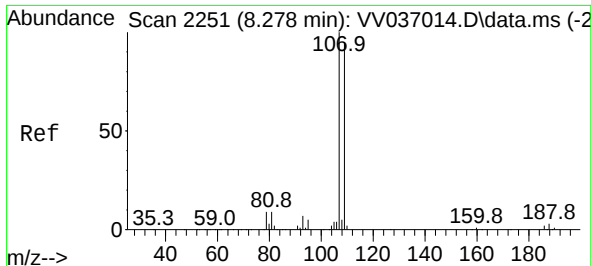
Tgt Ion: 129 Resp: 19281

Ion Ratio Lower Upper

129 100

127 69.9 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.216 ug/L

RT: 8.281 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV037012.D

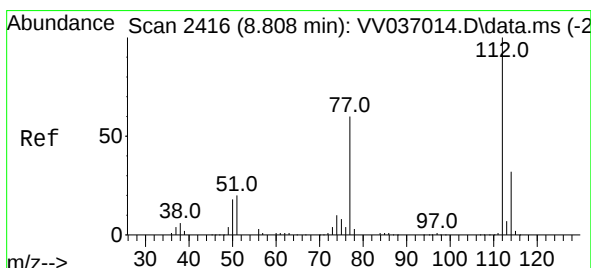
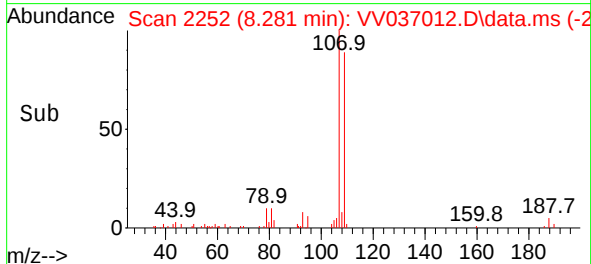
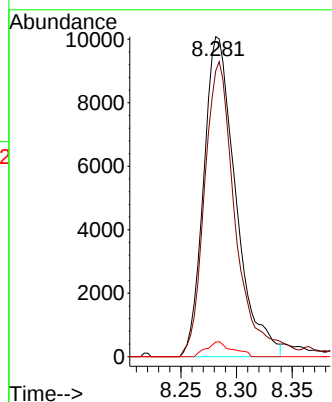
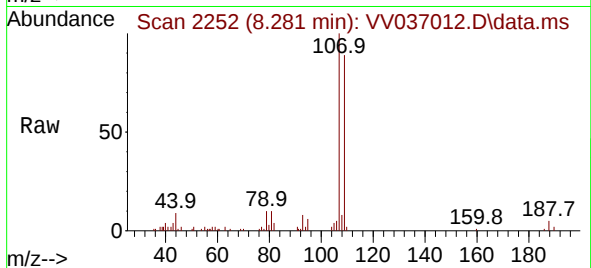
Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	20177
Ion Ratio	Lower	Upper
107	100	
109	89.3	66.6 123.6
188	4.6	2.6 3.8#



#51

Chlorobenzene

Concen: 4.287 ug/L

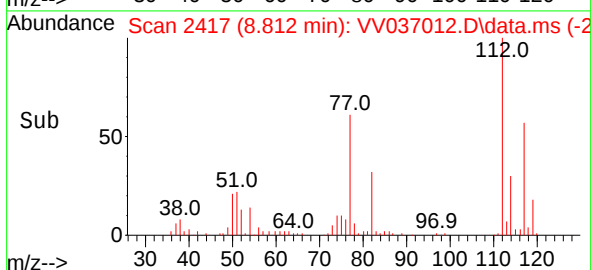
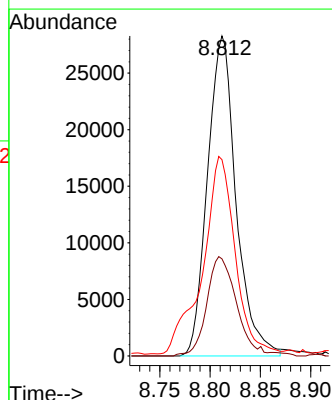
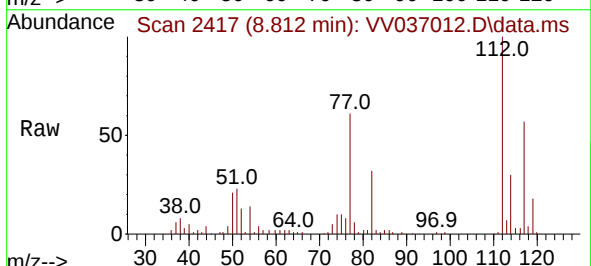
RT: 8.812 min Scan# 2417

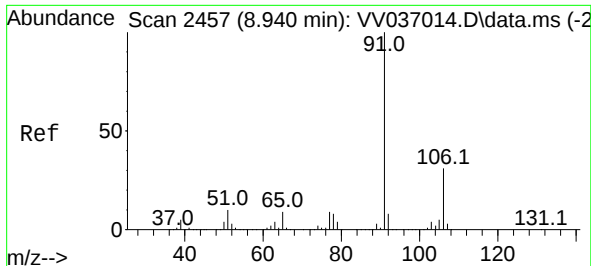
Delta R.T. 0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Tgt Ion:112	Resp:	55999
Ion Ratio	Lower	Upper
112	100	
114	30.4	22.3 41.5
77	61.3	47.8 71.8

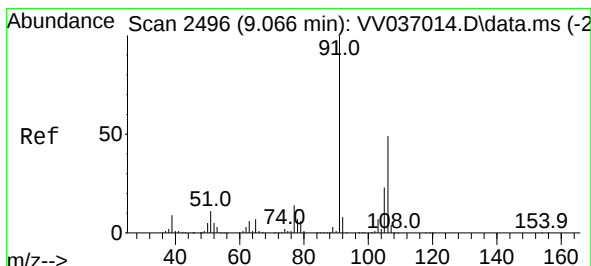
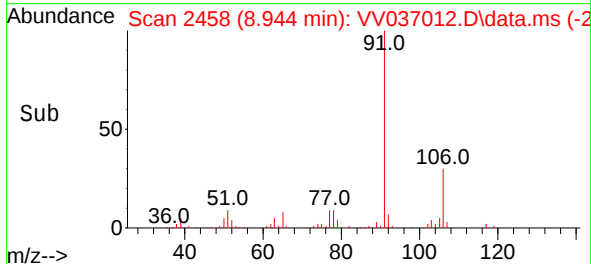
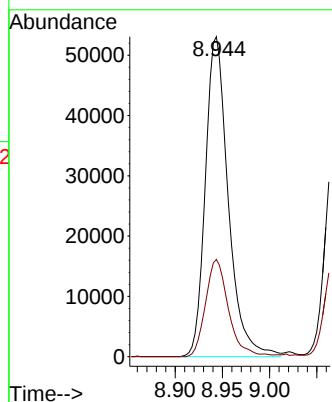
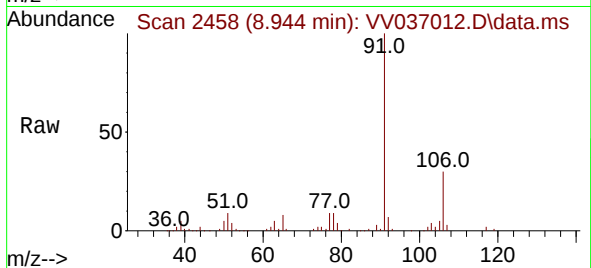




#52
Ethylbenzene
Concen: 4.014 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

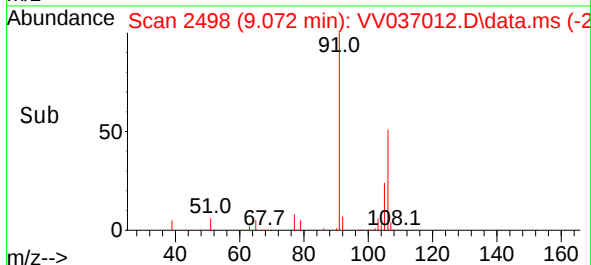
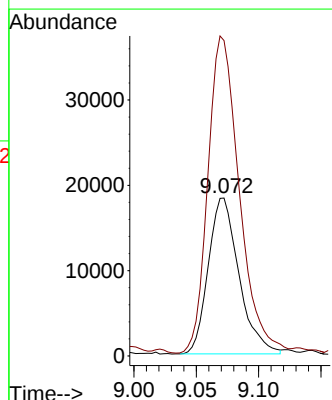
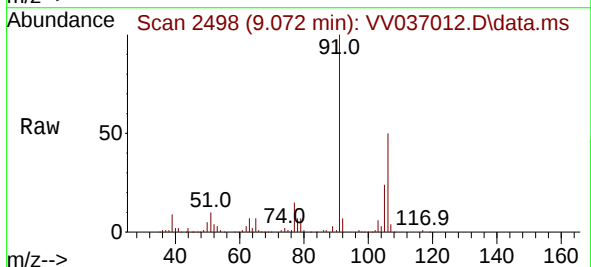
Instrument :
MSVOA_V
ClientSampleId :

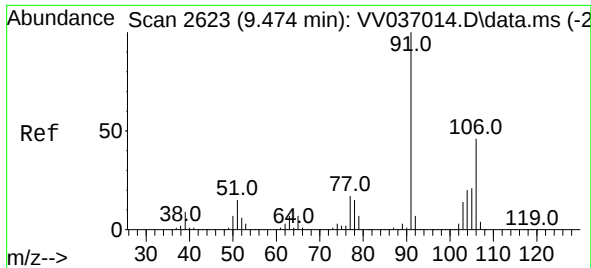
Tgt Ion: 91 Resp: 89462
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 3.796 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.006 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion: 106 Resp: 31352
Ion Ratio Lower Upper
106 100
91 199.6 143.0 265.6

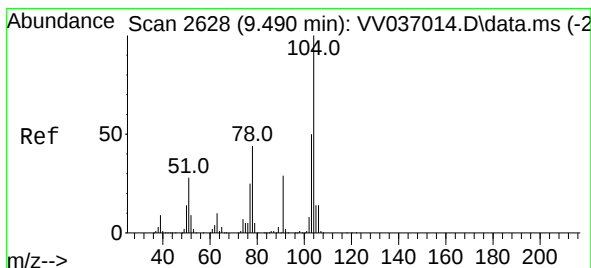
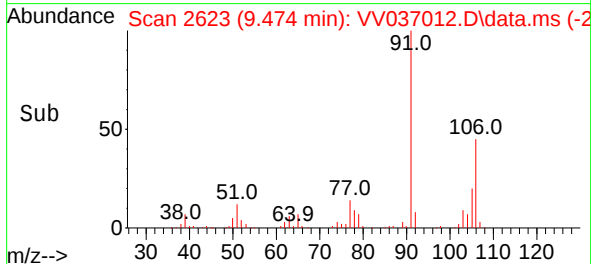
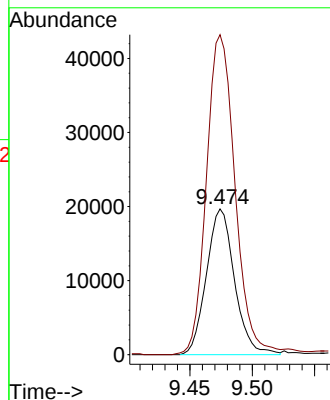
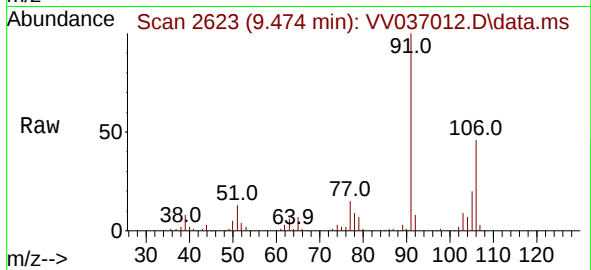




#54
o-Xylene
Concen: 3.820 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

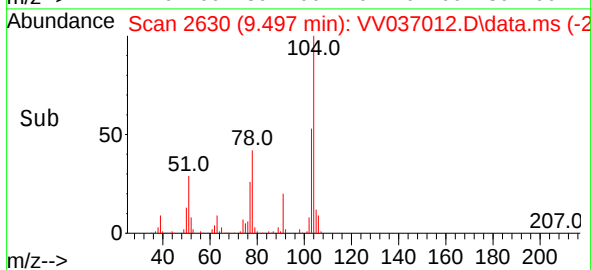
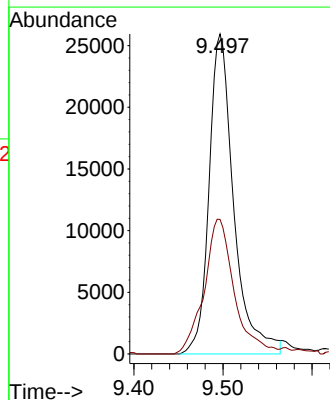
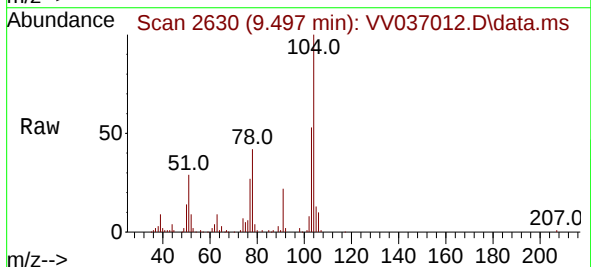
Instrument :
MSVOA_V
ClientSampleId :

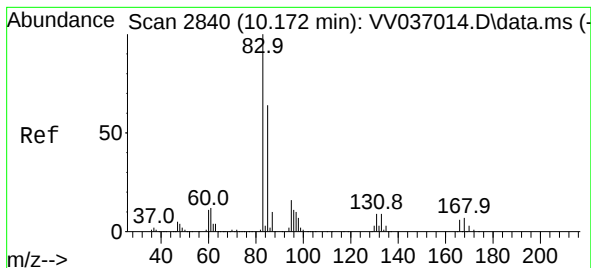
Tgt Ion:106 Resp: 30888
Ion Ratio Lower Upper
106 100
91 219.6 153.2 284.6



#55
Styrene
Concen: 3.580 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.007 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion:104 Resp: 49916
Ion Ratio Lower Upper
104 100
78 42.1 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 3.930 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

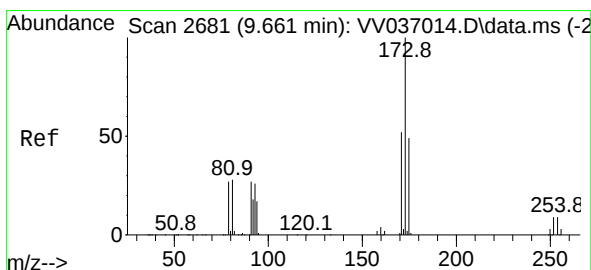
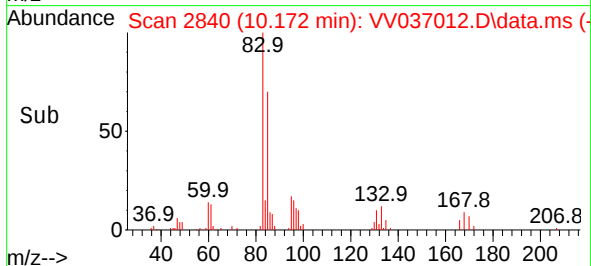
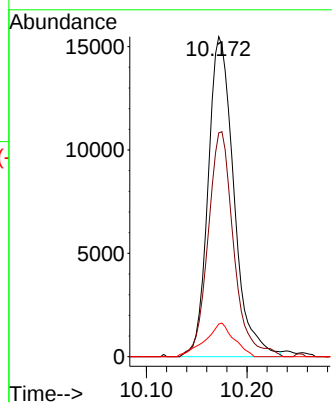
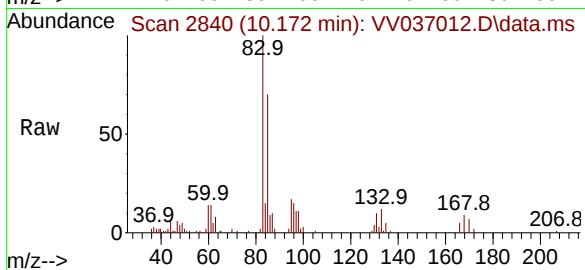
Tgt Ion: 83 Resp: 27528

Ion Ratio Lower Upper

83 100

85 69.9 45.1 83.7

131 10.2 7.4 11.0



#59

Bromoform

Concen: 4.019 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

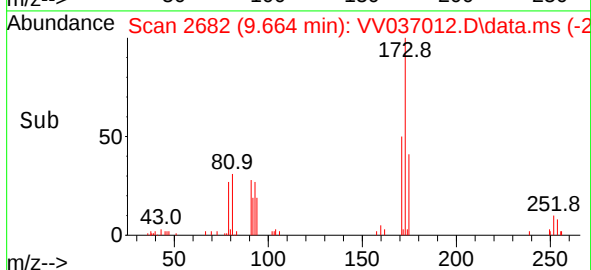
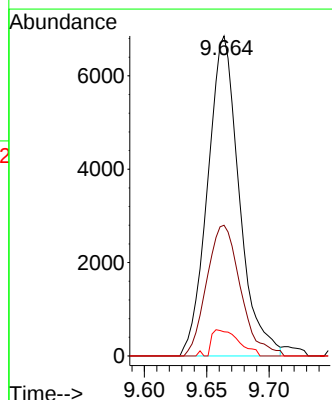
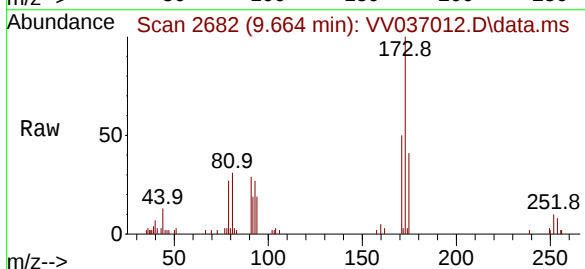
Tgt Ion: 173 Resp: 12077

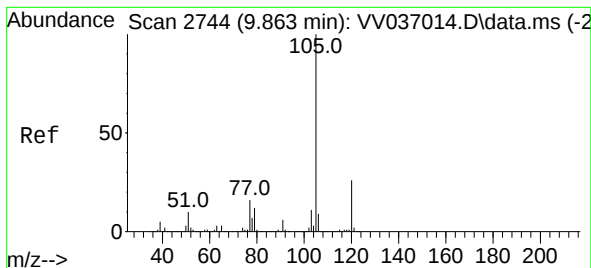
Ion Ratio Lower Upper

173 100

175 43.7 38.7 58.1

254 6.8 6.8 10.2#





#60

Isopropylbenzene

Concen: 4.036 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

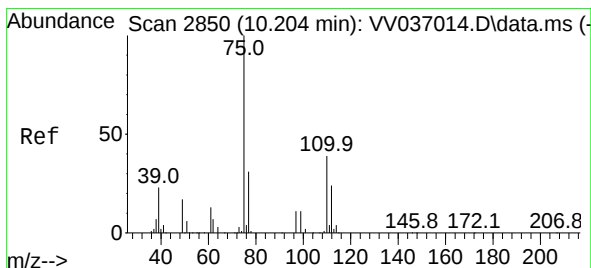
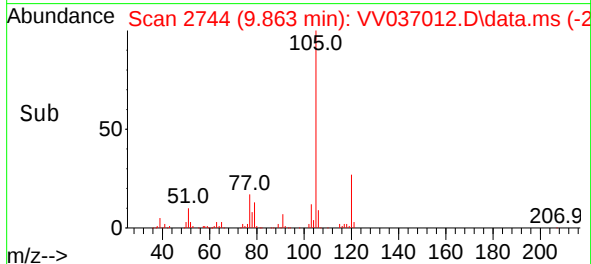
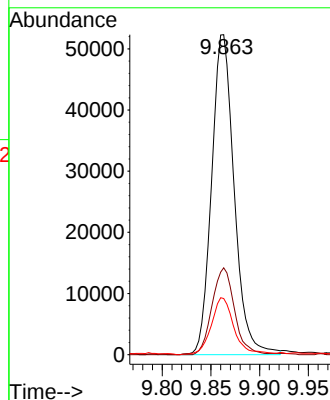
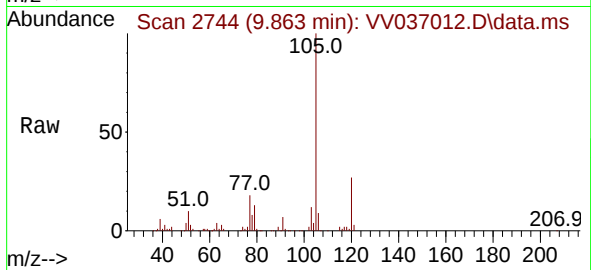
Tgt Ion:105 Resp: 84348

Ion Ratio Lower Upper

105 100

120 26.9 20.9 31.3

77 18.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.173 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

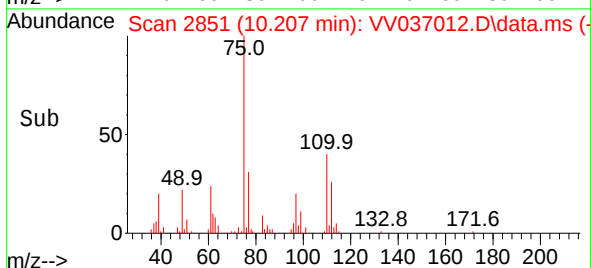
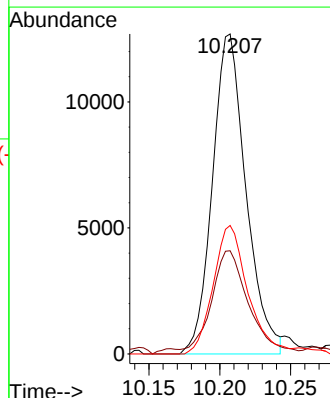
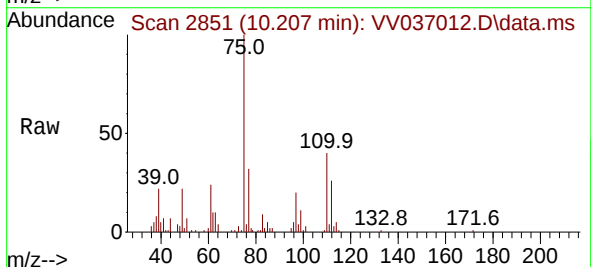
Tgt Ion: 75 Resp: 20924

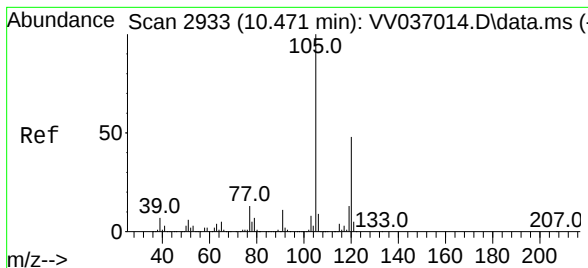
Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

110 41.3 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 3.866 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

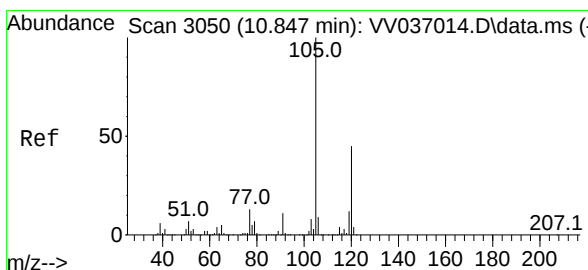
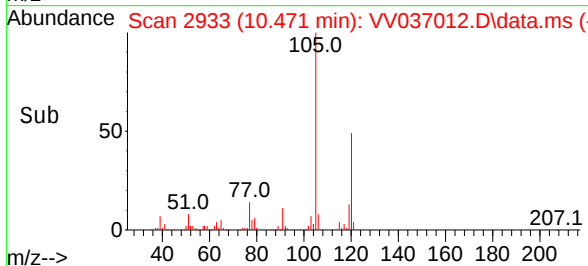
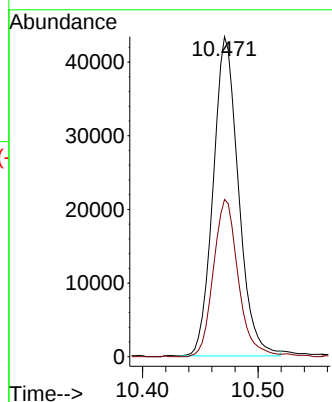
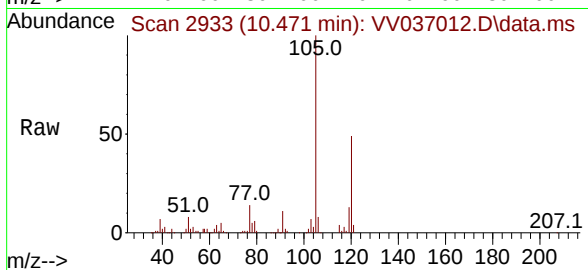
ClientSampleId :

Tgt Ion:105 Resp: 66102

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.665 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037012.D

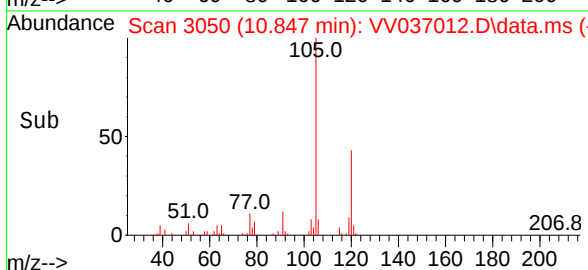
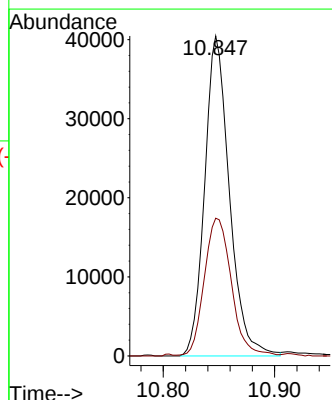
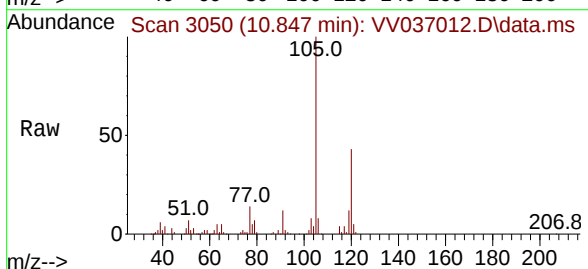
Acq: 26 Aug 2024 09:12

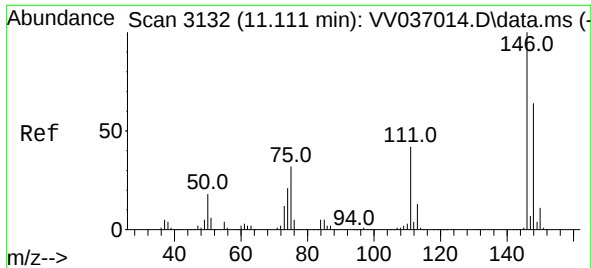
Tgt Ion:105 Resp: 62530

Ion Ratio Lower Upper

105 100

120 47.0 35.8 53.6

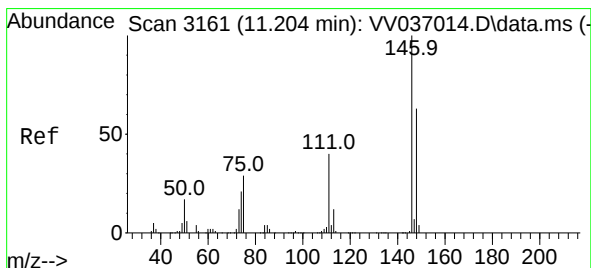
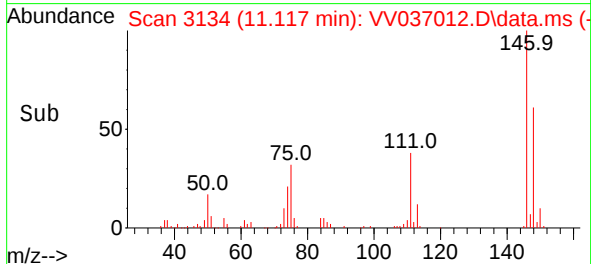
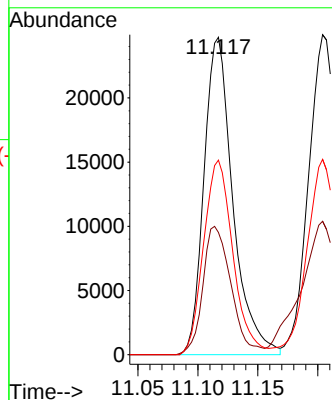
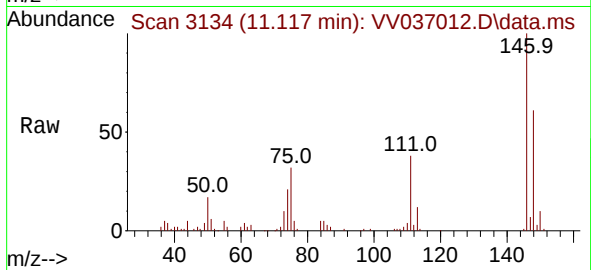




#64
1,3-Dichlorobenzene
Concen: 4.291 ug/L
RT: 11.117 min Scan# 3132
Delta R.T. 0.007 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

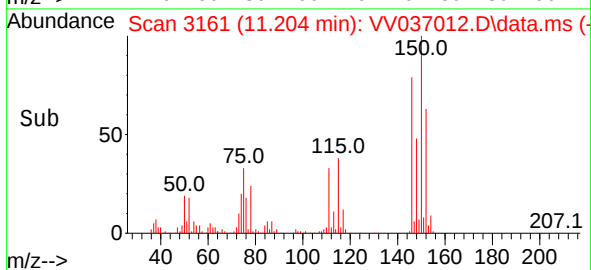
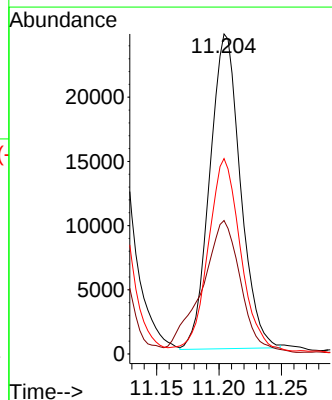
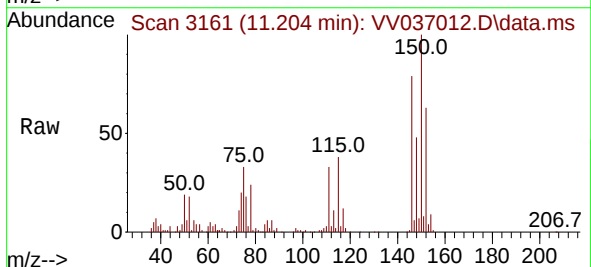
Instrument :
MSVOA_V
ClientSampleId :

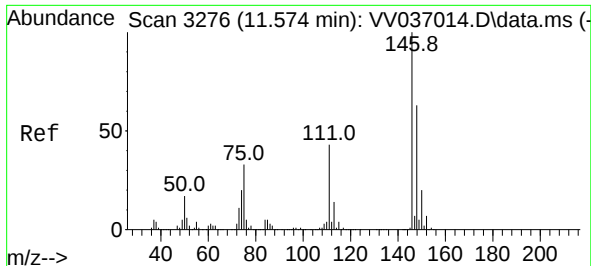
Tgt Ion:146 Resp: 41409
Ion Ratio Lower Upper
146 100
111 38.5 29.7 55.1
148 61.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 4.253 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV037012.D
Acq: 26 Aug 2024 09:12

Tgt Ion:146 Resp: 42001
Ion Ratio Lower Upper
146 100
111 41.7 28.1 52.1
148 61.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.273 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

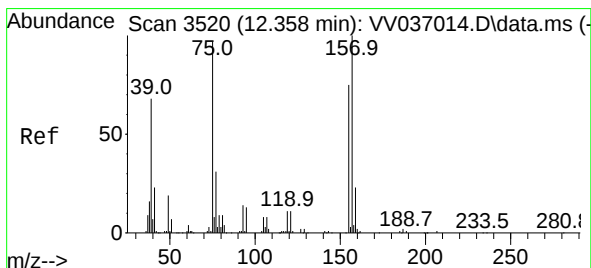
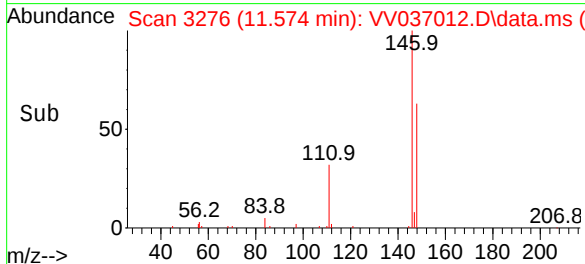
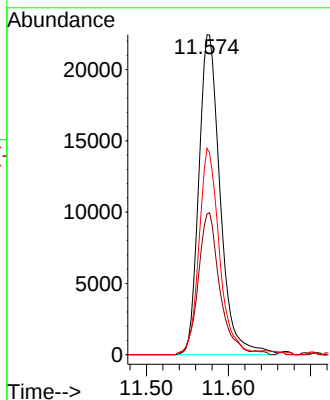
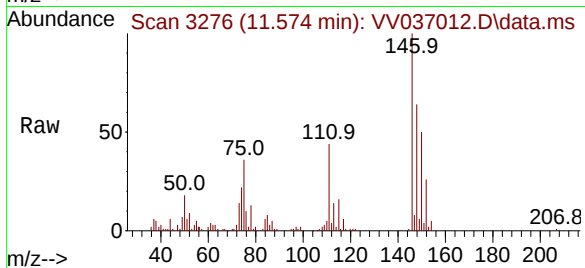
Tgt Ion:146 Resp: 40541

Ion Ratio Lower Upper

146 100

111 44.0 34.6 51.8

148 64.4 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.647 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.007 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

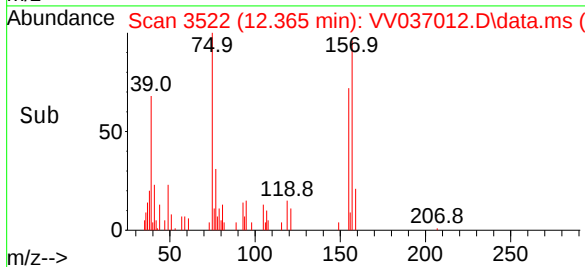
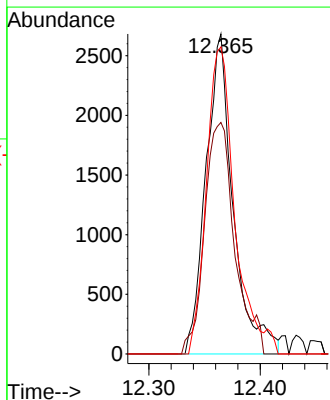
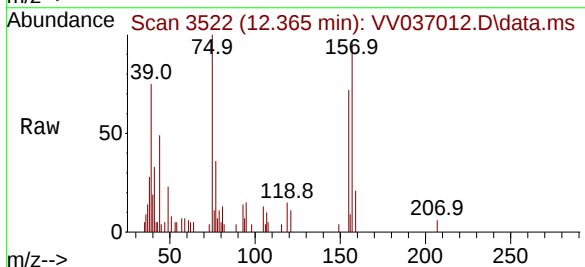
Tgt Ion: 75 Resp: 4560

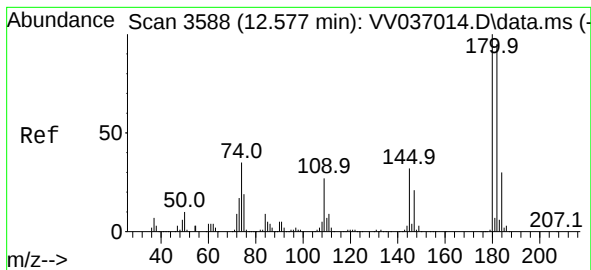
Ion Ratio Lower Upper

75 100

155 72.3 61.8 92.6

157 96.0 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 4.090 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

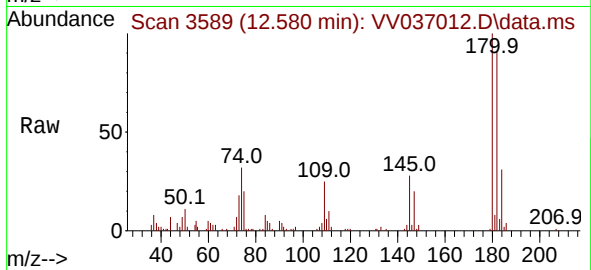
Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 27461

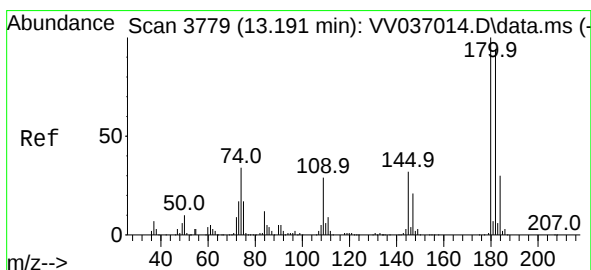
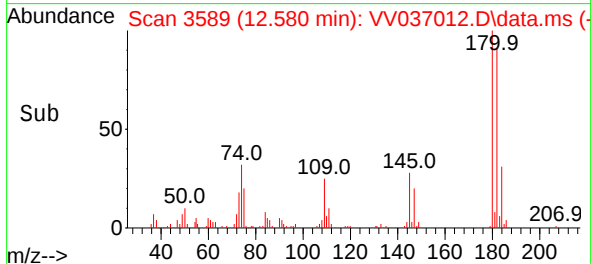
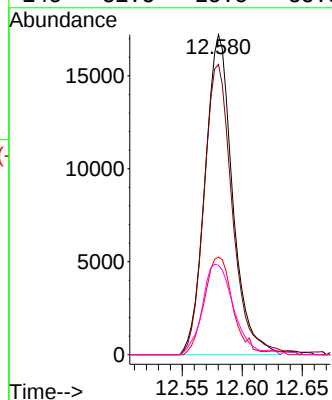
Ion Ratio Lower Upper

180 100

182 93.3 76.7 115.1

184 30.3 24.2 36.2

145 31.8 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 3.955 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.006 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

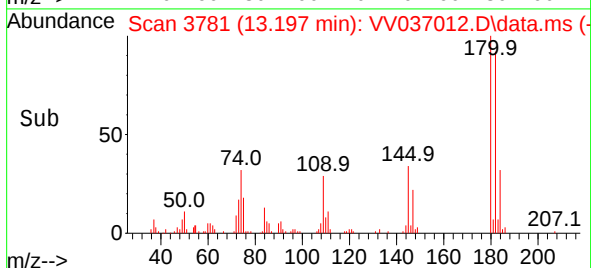
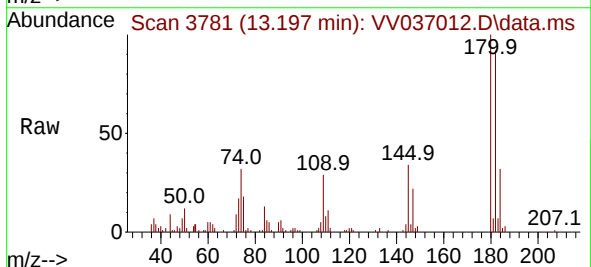
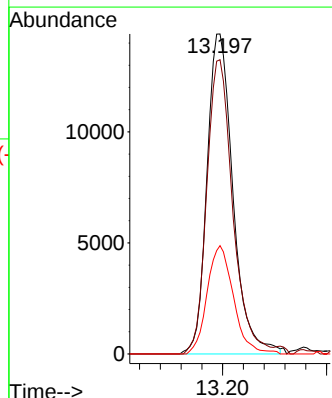
Tgt Ion:180 Resp: 25004

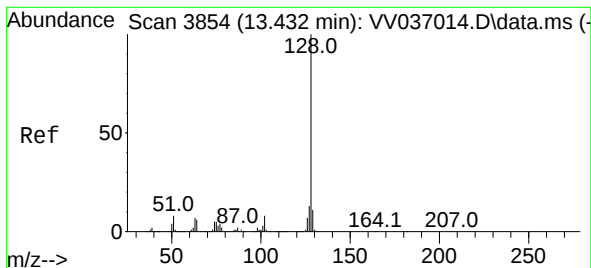
Ion Ratio Lower Upper

180 100

182 91.9 75.7 113.5

145 34.4 26.0 39.0





#71

Naphthalene

Concen: 3.115 ug/L

RT: 13.439 min Scan# 3930

Delta R.T. 0.006 min

Lab File: VV037012.D

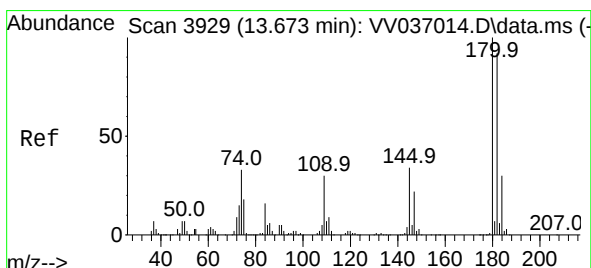
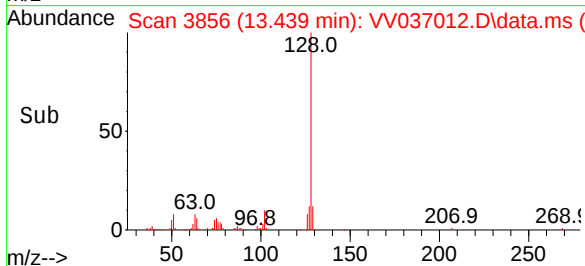
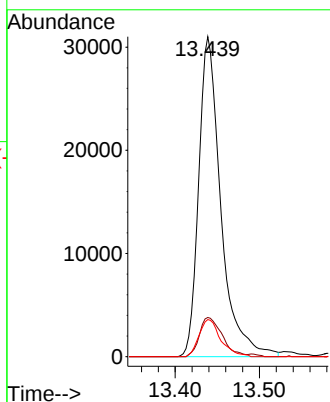
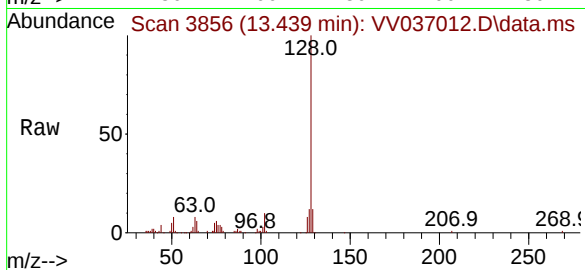
Acq: 26 Aug 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp: 56861
Ion Ratio	Lower Upper
128 100	
127 12.5	10.2 15.2
129 11.3	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 3.889 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037012.D

Acq: 26 Aug 2024 09:12

Tgt Ion:180	Resp: 24230
Ion Ratio	Lower Upper
180 100	
182 99.5	75.1 112.7
145 33.6	27.0 40.4

