

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090524\
 Data File : VV037208.D
 Acq On : 05 Sep 2024 11:48
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 06 01:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 06 01:31:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	570129	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	535754	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	271707	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181978	17.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.280%
7) Chloroethane-d5	1.532	69	148778	18.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	2.056	65	84970	18.497	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.000%
21) 2-Butanone-d5	3.831	46	35483	16.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.140%
24) Chloroform-d	4.239	84	349320	19.912	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.640%
26) 1,2-Dichloroethane-d4	4.934	65	169968	19.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	4.950	84	680703	20.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.440%
36) 1,2-Dichloropropane-d6	5.982	67	203919	19.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.760%
41) Toluene-d8	7.236	98	625447	20.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	7.548	79	74904	18.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.200%
47) 2-Hexanone-d5	8.030	63	47838	33.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.920%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	151407	18.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.120%
66) 1,2-Dichlorobenzene-d4	11.554	152	206241	19.446	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	220928	28.150	ug/L	100
3) Chloromethane	1.217	50	246957	26.330	ug/L	99
5) Vinyl chloride	1.281	62	253114	27.437	ug/L	99
6) Bromomethane	1.487	94	139034	26.053	ug/L	100
8) Chloroethane	1.548	64	154291	27.190	ug/L	99
9) Trichlorofluoromethane	1.712	101	343637	27.291	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	214767	27.302	ug/L	99
12) 1,1-Dichloroethene	2.066	96	193821	27.048	ug/L	92
13) Acetone	2.150	43	135458	49.011	ug/L	96
14) Carbon disulfide	2.236	76	626540	26.637	ug/L	100
15) Methyl Acetate	2.381	43	86803	22.222	ug/L	99
16) Methylene chloride	2.442	84	224208	21.457	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	209370	26.782	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	453855	24.801	ug/L	99
19) 1,1-Dichloroethane	3.101	63	399879	26.716	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	215106	26.066	ug/L	97
22) 2-Butanone	3.905	43	117700	45.499	ug/L	89
23) Bromochloromethane	4.137	128	93096	25.312	ug/L	94
25) Chloroform	4.265	83	382385	26.316	ug/L	95

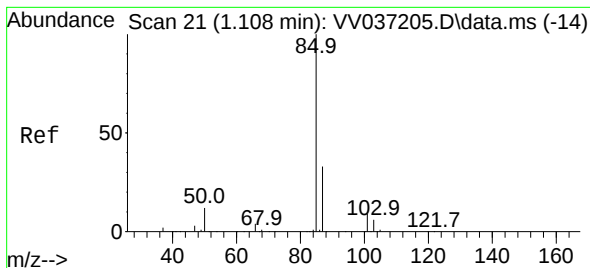
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090524\
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 06 01:31:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	229414	24.928	ug/L	98
29) Cyclohexane	4.567	56	338302	27.987	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	328689	27.624	ug/L	99
31) Carbon tetrachloride	4.722	117	282011	28.035	ug/L	99
33) Benzene	4.998	78	832135	27.683	ug/L	100
34) Trichloroethene	5.825	95	222944	27.250	ug/L	99
35) Methylcyclohexane	6.040	83	370865	27.820	ug/L	99
37) 1,2-Dichloropropane	6.085	63	207916	26.431	ug/L	99
38) Bromodichloromethane	6.426	83	256543	26.264	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	310955	26.066	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	213979	49.073	ug/L	98
42) Toluene	7.307	91	879768	27.812	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	245681	25.445	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	150410	25.606	ug/L	99
46) Tetrachloroethene	7.898	164	166847	27.744	ug/L	98
48) 2-Hexanone	8.079	43	166241	45.749	ug/L	94
49) Dibromochloromethane	8.169	129	162264	26.548	ug/L	94
50) 1,2-Dibromoethane	8.278	107	139395	24.837	ug/L	95
51) Chlorobenzene	8.808	112	555041	26.813	ug/L	100
52) Ethylbenzene	8.940	91	989424	27.931	ug/L	99
53) m,p-Xylene	9.066	106	375942	28.605	ug/L	99
54) o-Xylene	9.471	106	352213	27.819	ug/L	99
55) Styrene	9.490	104	597089	27.811	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	170338	24.334	ug/L	97
59) Bromoform	9.657	173	85239	24.708	ug/L #	97
60) Isopropylbenzene	9.860	105	985589	27.933	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	117734	23.515	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	791431	28.243	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	773395	27.828	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	426683	26.522	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	429968	26.214	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	381277	25.551	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	24228	21.440	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	303371	26.578	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	262054	26.006	ug/L	99
71) Naphthalene	13.435	128	454686	23.129	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	230156	24.872	ug/L	97

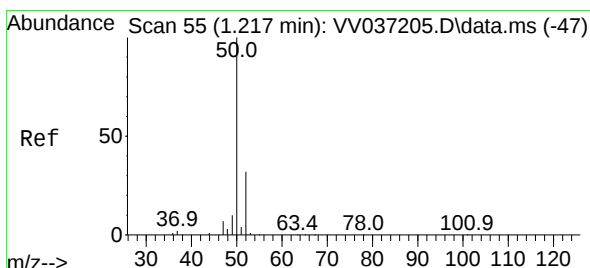
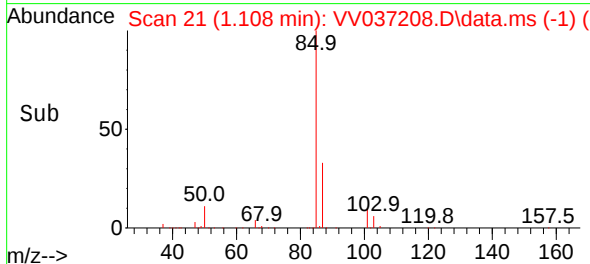
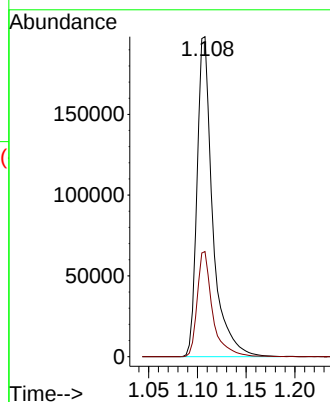
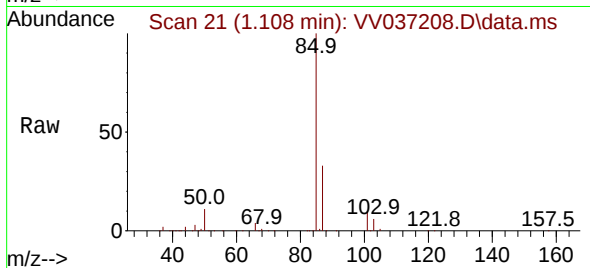
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 28.150 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037208.D
 Acq: 05 Sep 2024 11:48

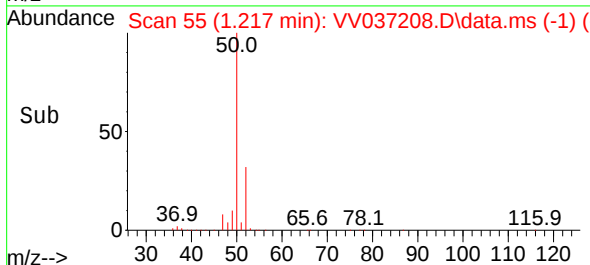
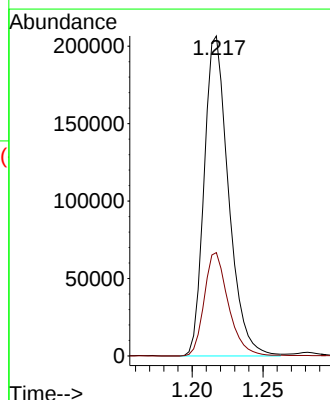
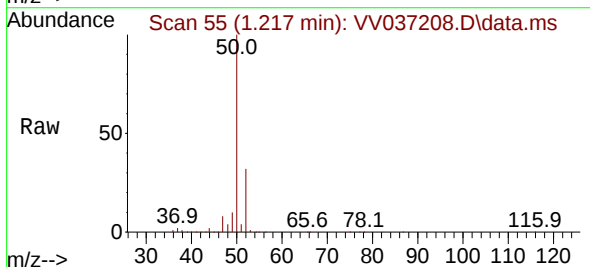
Instrument :
 MSVOA_V
 ClientSampleId :

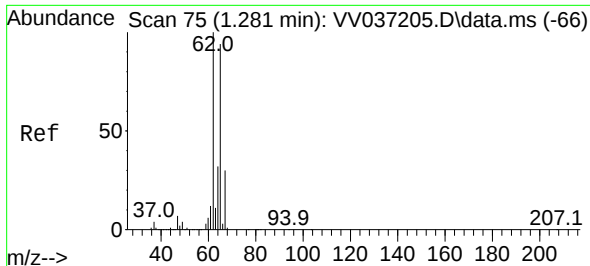
Tgt Ion: 85 Resp: 220928
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1



#3
 Chloromethane
 Concen: 26.330 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037208.D
 Acq: 05 Sep 2024 11:48

Tgt Ion: 50 Resp: 246957
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.9 42.5



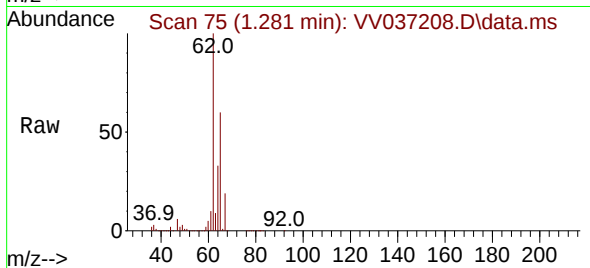


#5
 Vinyl chloride
 Concen: 27.437 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037208.D
 Acq: 05 Sep 2024 11:48

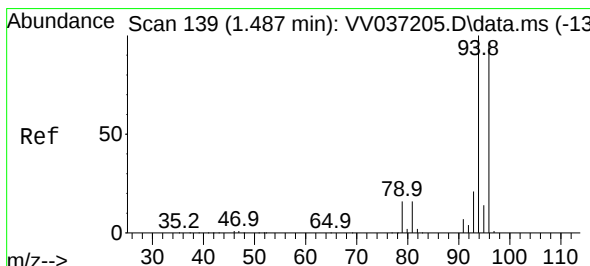
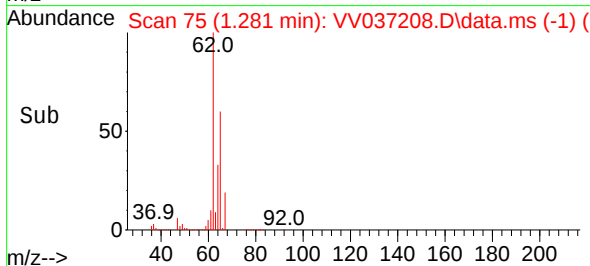
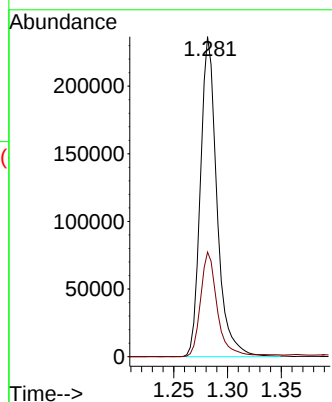
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MSVOA_V

ClientSampleId :

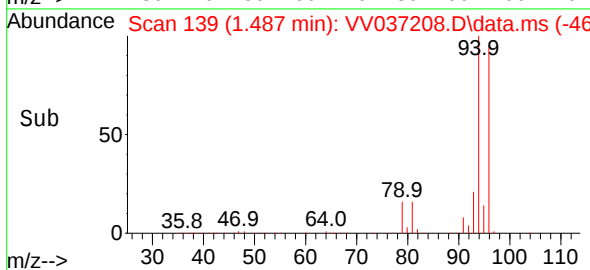
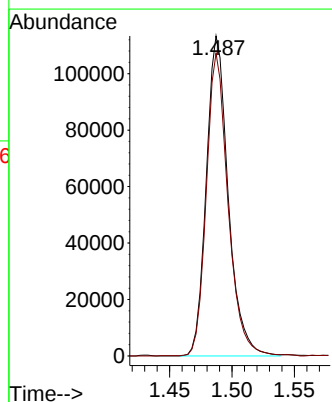
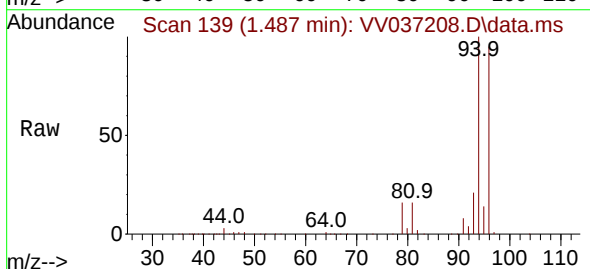


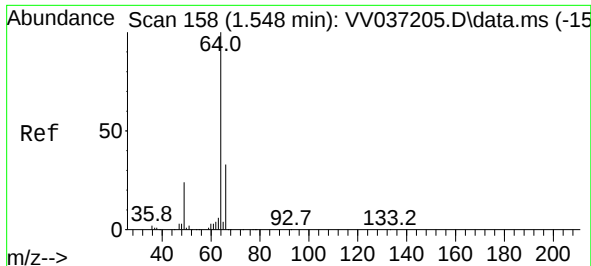
Tgt Ion: 62 Resp: 253114
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 26.053 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037208.D
 Acq: 05 Sep 2024 11:48

Tgt Ion: 94 Resp: 139034
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.6 123.6

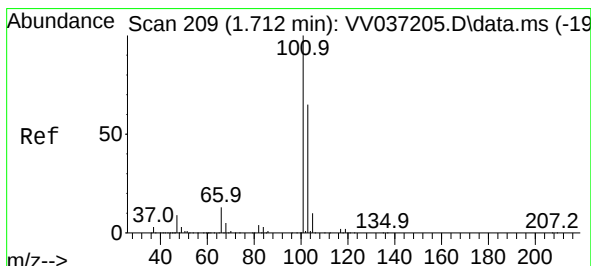
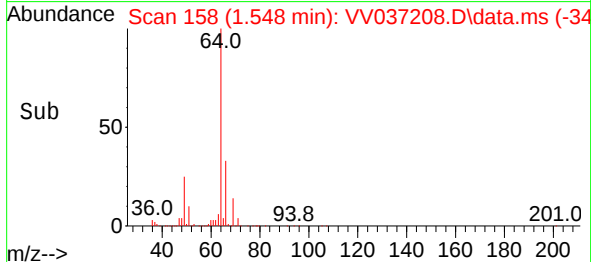
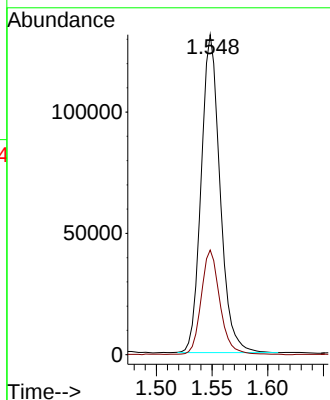
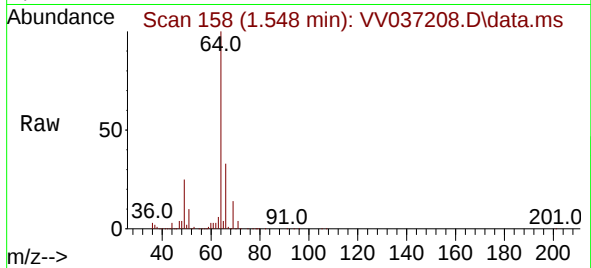




#8
Chloroethane
Concen: 27.190 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

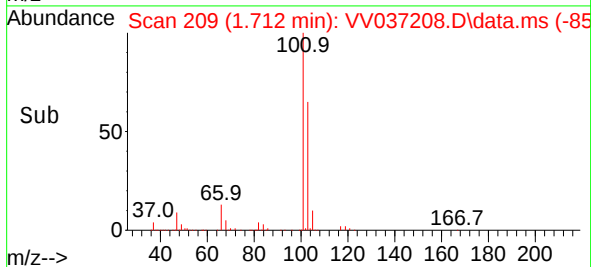
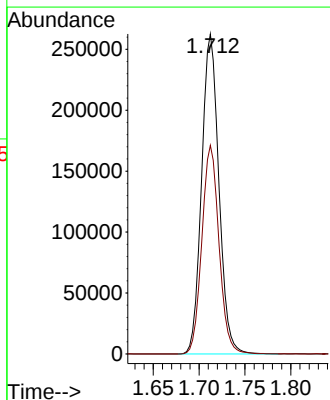
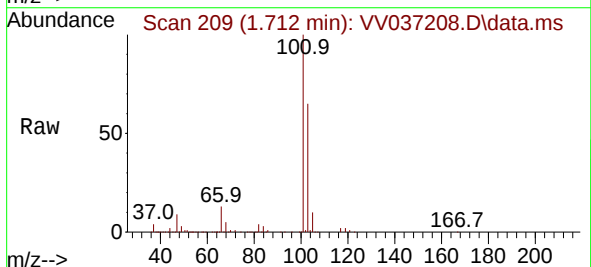
Instrument :
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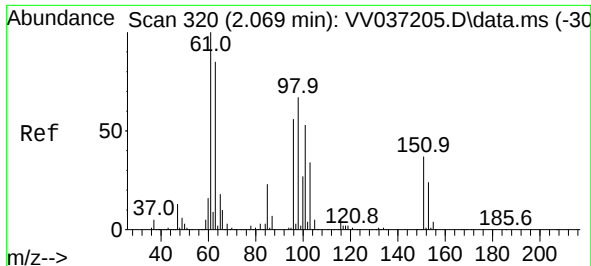
Tgt Ion: 64 Resp: 154291
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 27.291 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Tgt Ion:101 Resp: 343637
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

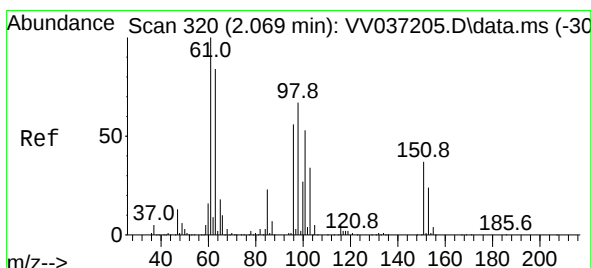
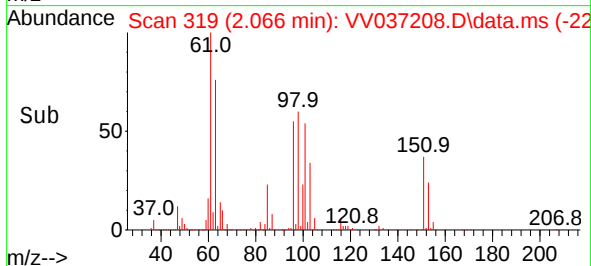
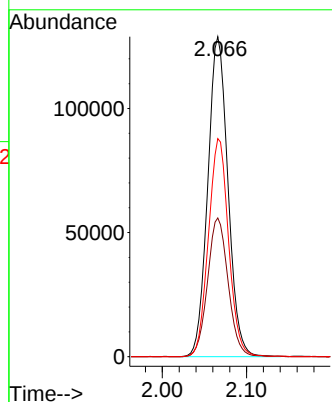
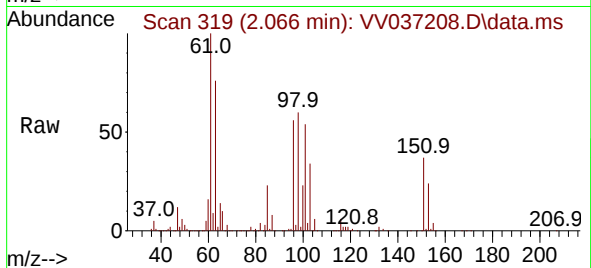




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.302 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037208.D
 Acq: 05 Sep 2024 11:48

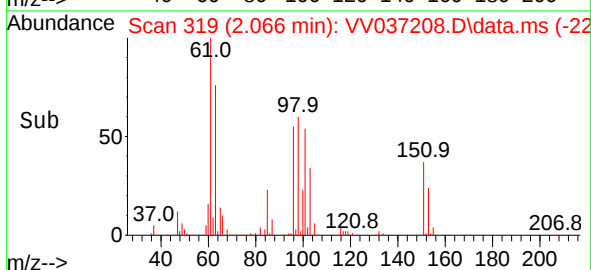
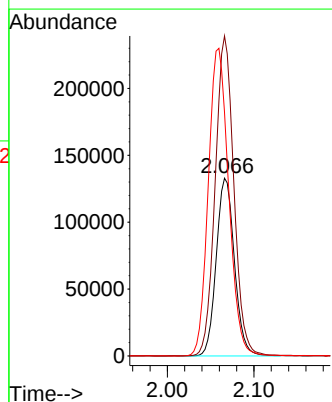
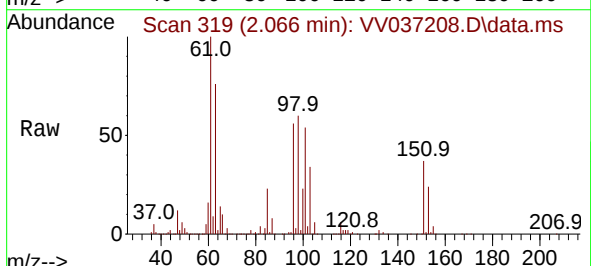
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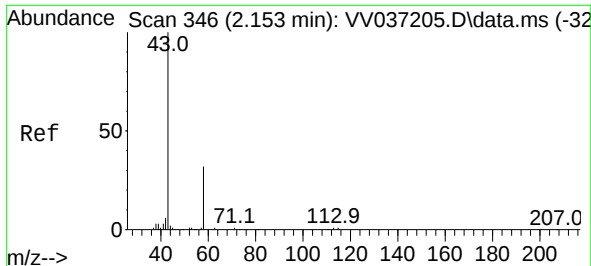
Tgt Ion:101 Resp: 214767
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.7 52.1
 151 68.1 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 27.048 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037208.D
 Acq: 05 Sep 2024 11:48

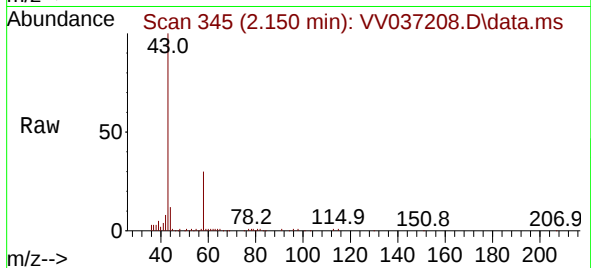
Tgt Ion: 96 Resp: 193821
 Ion Ratio Lower Upper
 96 100
 61 180.1 126.8 235.6
 63 137.0 110.4 205.0



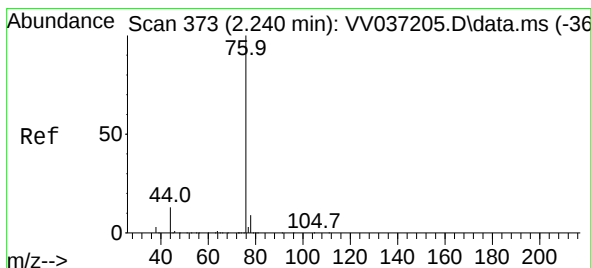
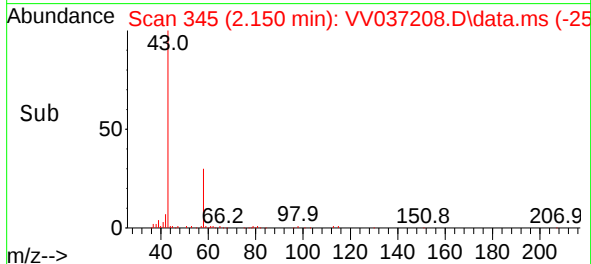
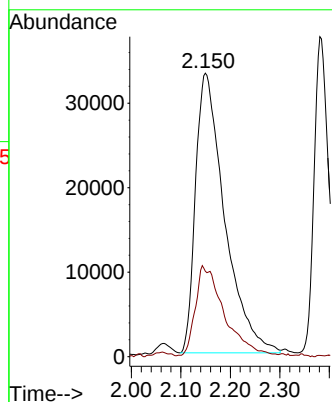


#13
Acetone
Concen: 49.011 ug/L
RT: 2.150 min Scan# 346
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Instrument :
MSVOA_V
ClientSampleId :

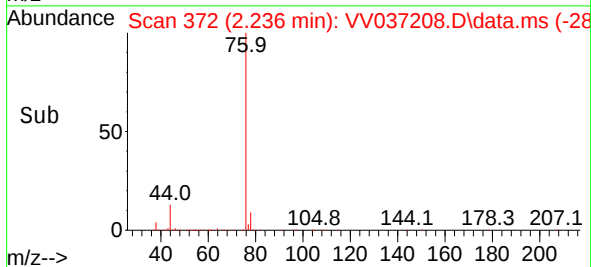
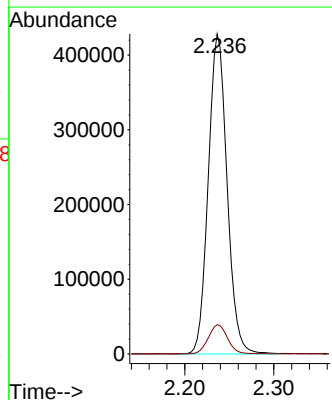
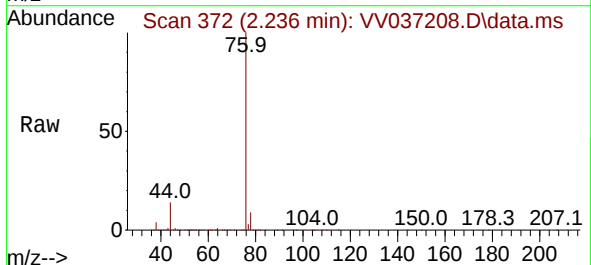


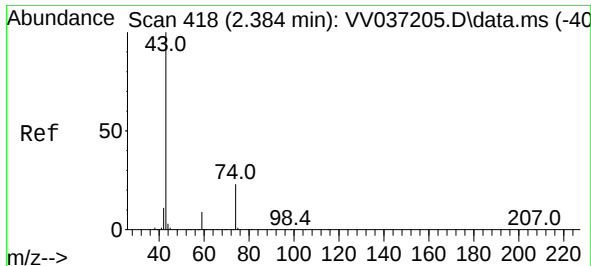
Tgt Ion: 43 Resp: 135458
Ion Ratio Lower Upper
43 100
58 12.7 0.0 22.2



#14
Carbon disulfide
Concen: 26.637 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Tgt Ion: 76 Resp: 626540
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 22.222 ug/L

RT: 2.381 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

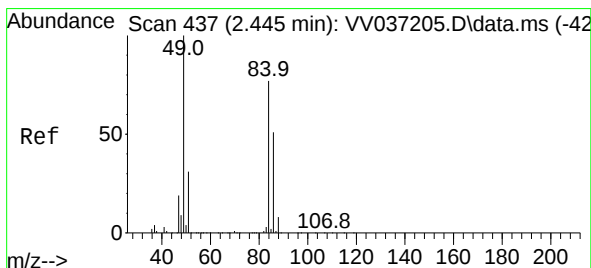
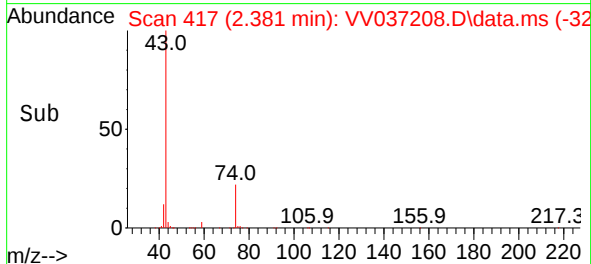
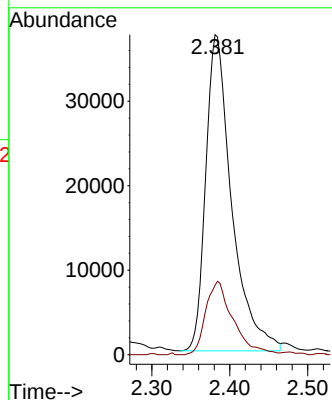
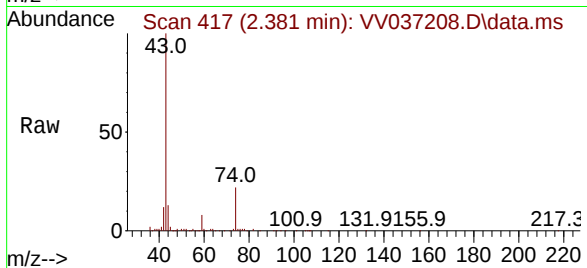
ClientSampleId :

Tgt Ion: 43 Resp: 86803

Ion Ratio Lower Upper

43 100

74 24.3 19.0 28.4



#16

Methylene chloride

Concen: 21.457 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

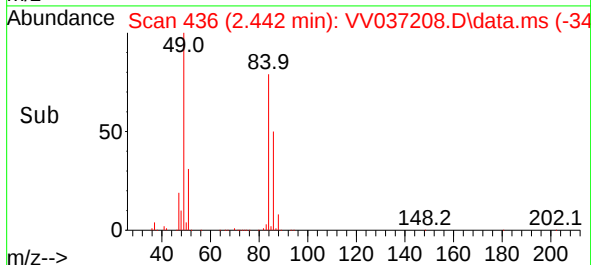
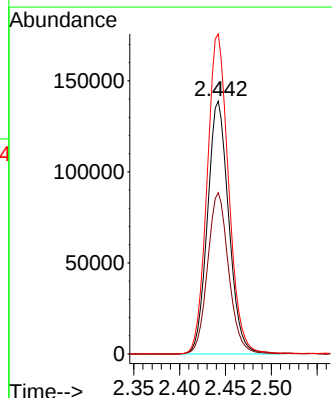
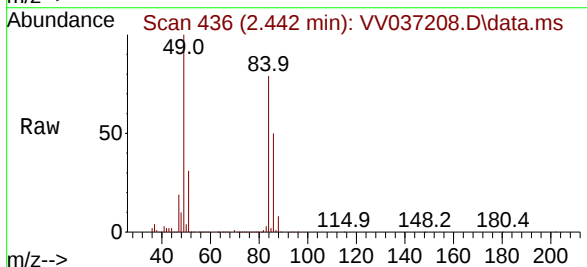
Tgt Ion: 84 Resp: 224208

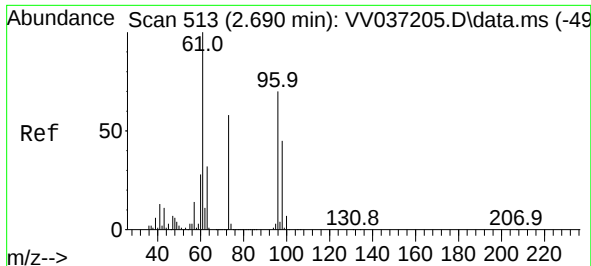
Ion Ratio Lower Upper

84 100

86 63.8 45.4 84.2

49 126.5 88.7 164.7





#17

trans-1,2-Dichloroethene

Concen: 26.782 ug/L

RT: 2.686 min Scan# 51

Delta R.T. -0.003 min

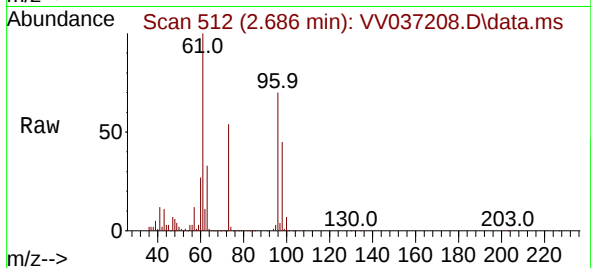
Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :



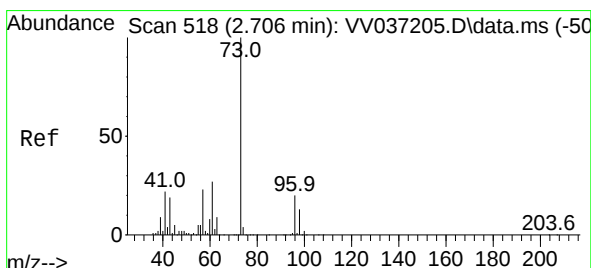
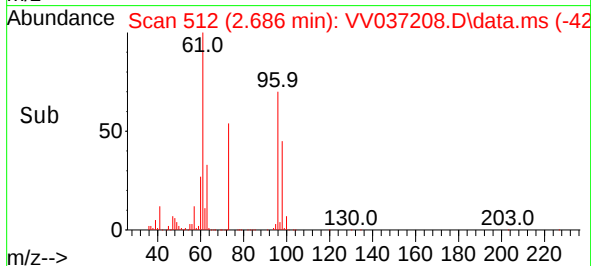
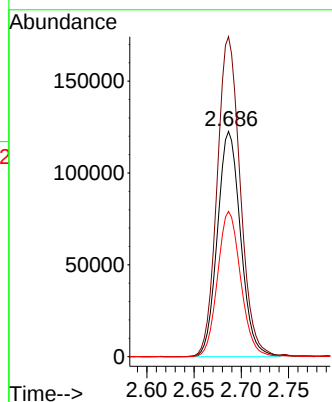
Tgt Ion: 96 Resp: 209370

Ion Ratio Lower Upper

96 100

61 142.0 99.7 185.1

98 64.5 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 24.801 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

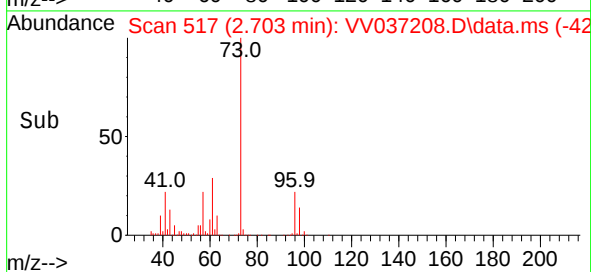
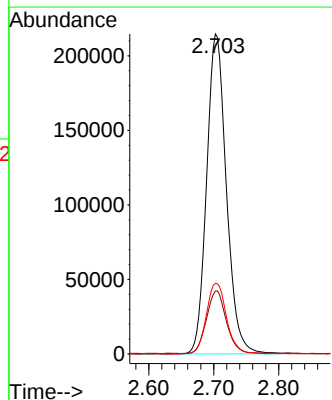
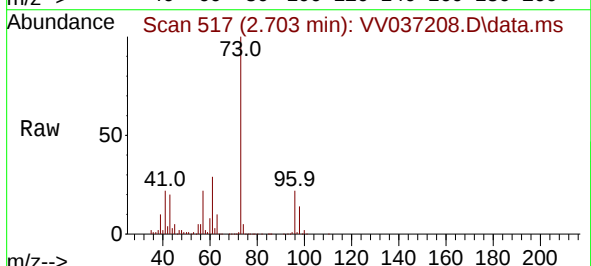
Tgt Ion: 73 Resp: 453855

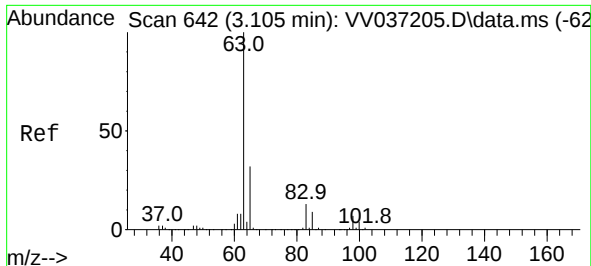
Ion Ratio Lower Upper

73 100

43 19.6 15.7 23.5

57 22.4 18.3 27.5





#19

1,1-Dichloroethane

Concen: 26.716 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

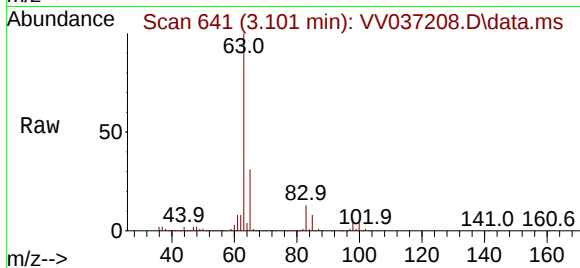
Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :



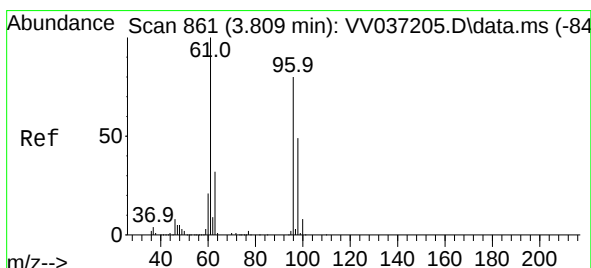
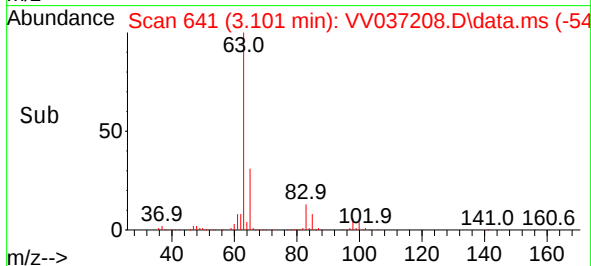
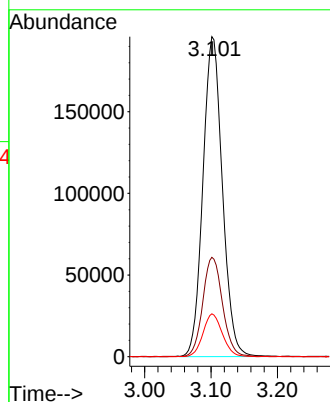
Tgt Ion: 63 Resp: 399879

Ion Ratio Lower Upper

63 100

65 31.1 22.4 41.6

83 13.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 26.066 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.006 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

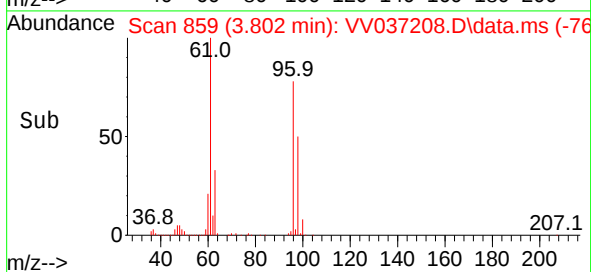
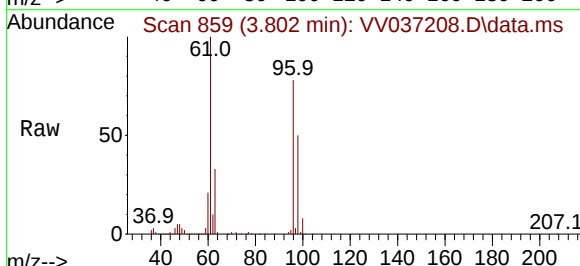
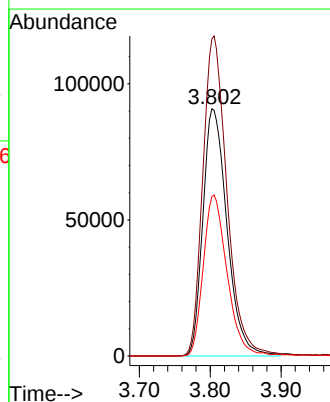
Tgt Ion: 96 Resp: 215106

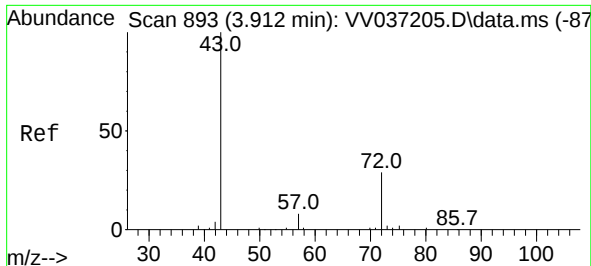
Ion Ratio Lower Upper

96 100

61 128.2 87.6 162.6

98 64.5 44.0 81.6





#22

2-Butanone

Concen: 45.499 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.007 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

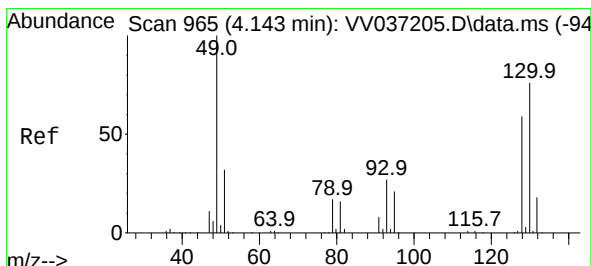
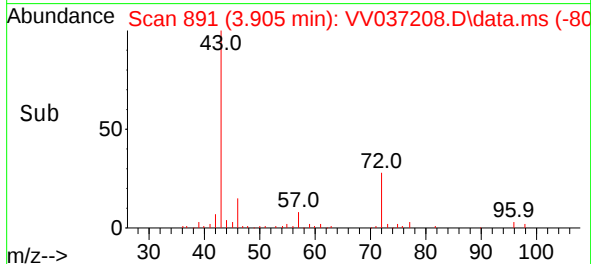
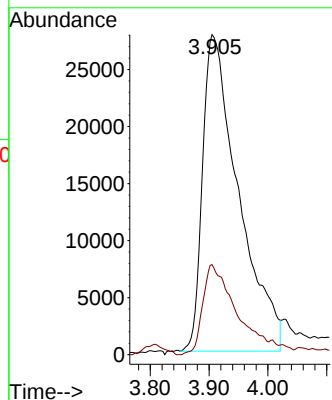
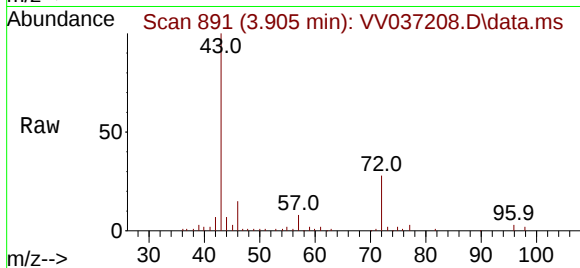
ClientSampleId :

Tgt Ion: 43 Resp: 117700

Ion Ratio Lower Upper

43 100

72 25.4 10.2 30.6



#23

Bromochloromethane

Concen: 25.312 ug/L

RT: 4.137 min Scan# 963

Delta R.T. -0.006 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Tgt Ion: 128 Resp: 93096

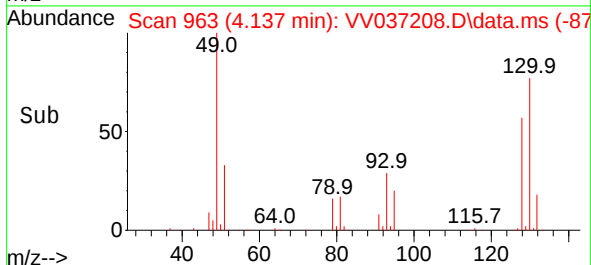
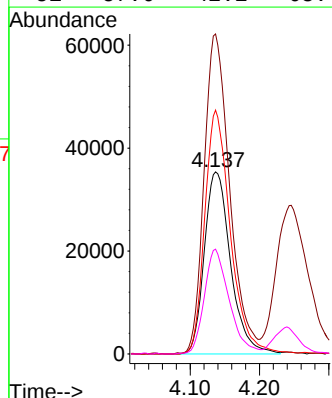
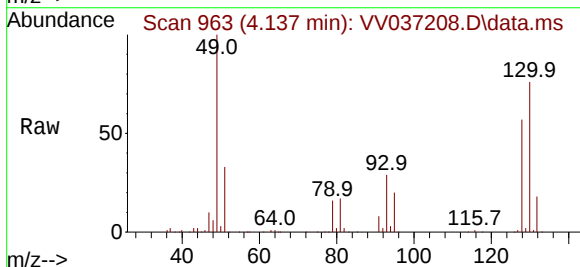
Ion Ratio Lower Upper

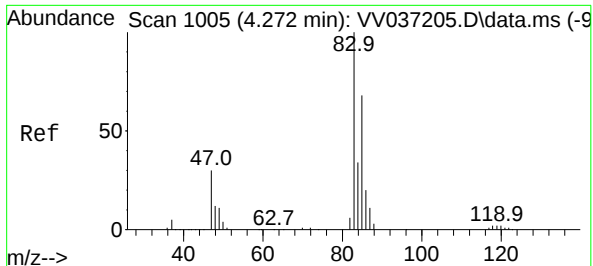
128 100

49 175.8 117.8 218.8

130 134.0 88.4 164.2

51 57.6 42.2 63.4





#25

Chloroform

Concen: 26.316 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

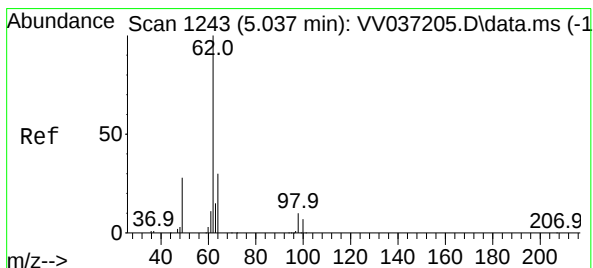
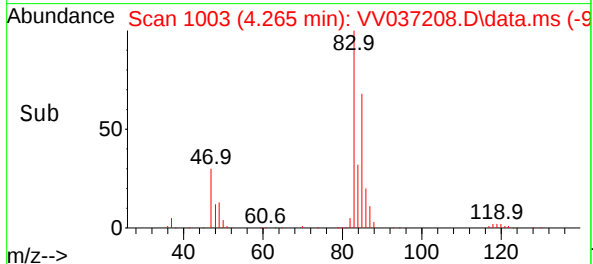
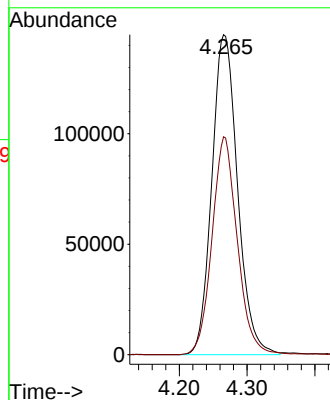
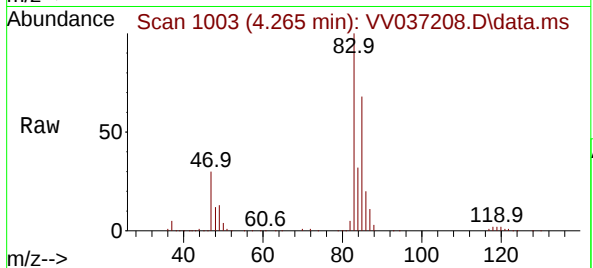
ClientSampleId :

Tgt Ion: 83 Resp: 382385

Ion Ratio Lower Upper

83 100

85 68.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 24.928 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037208.D

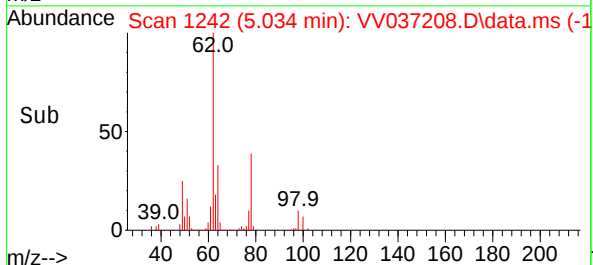
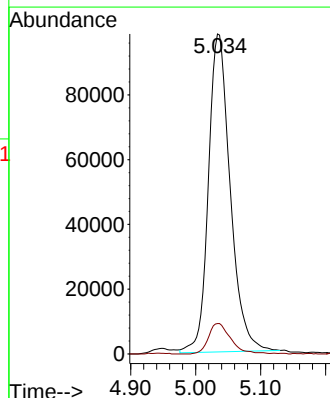
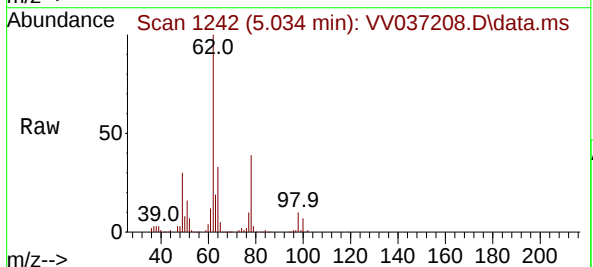
Acq: 05 Sep 2024 11:48

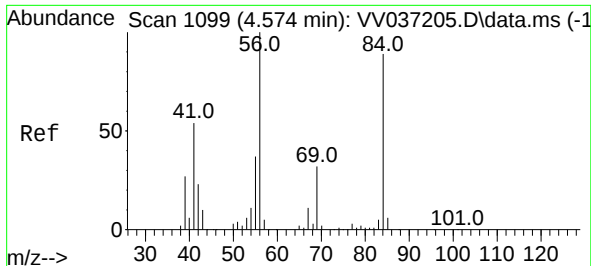
Tgt Ion: 62 Resp: 229414

Ion Ratio Lower Upper

62 100

98 9.5 8.3 12.5





#29

Cyclohexane

Concen: 27.987 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

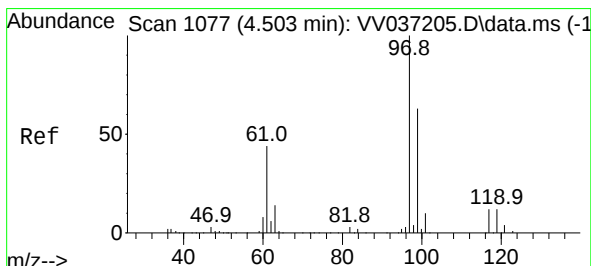
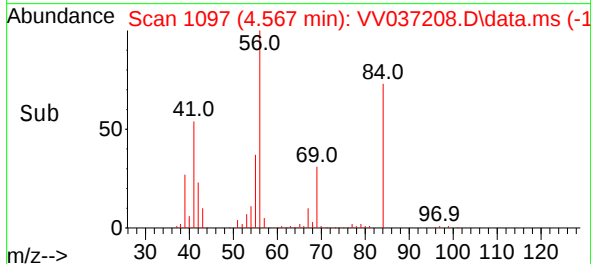
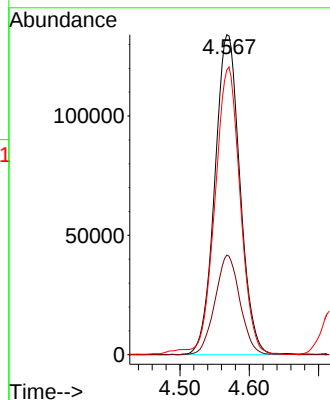
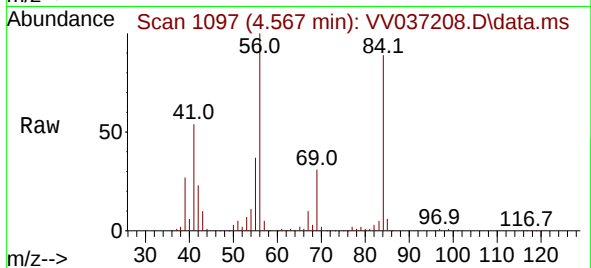
Tgt Ion: 56 Resp: 338302

Ion Ratio Lower Upper

56 100

69 30.8 24.3 36.5

84 88.8 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 27.624 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

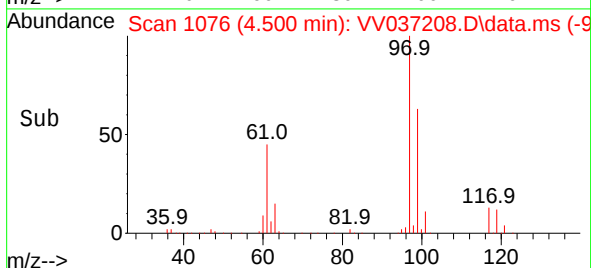
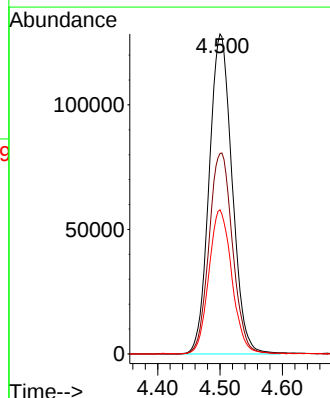
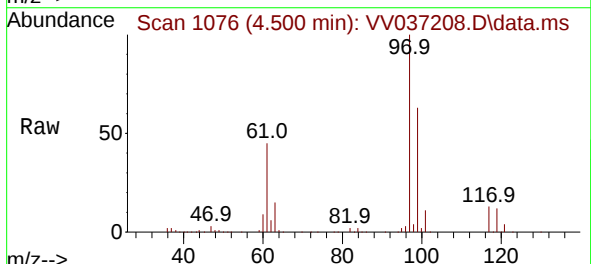
Tgt Ion: 97 Resp: 328689

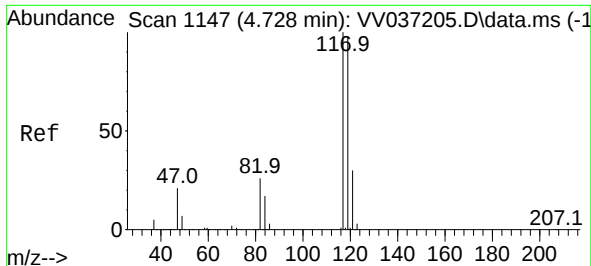
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 45.4 35.4 53.2

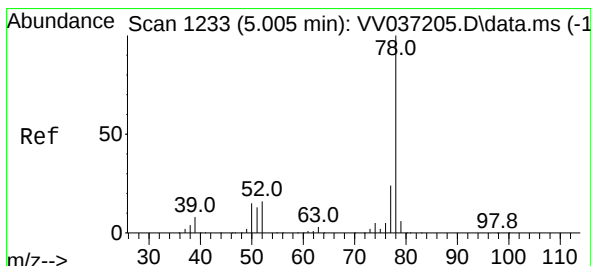
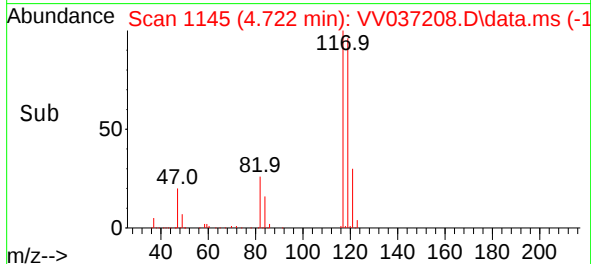
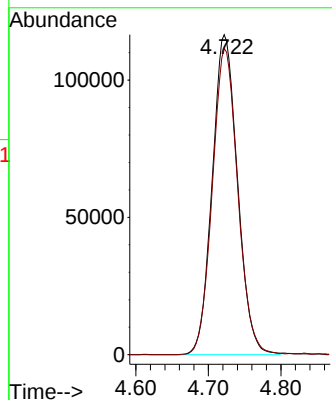
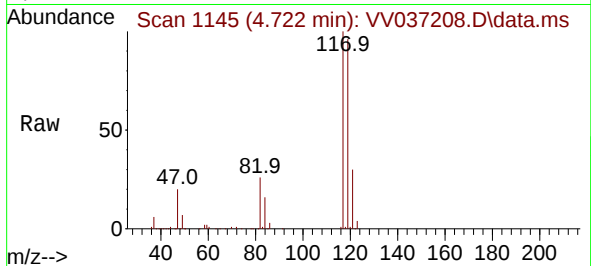




#31
Carbon tetrachloride
Concen: 28.035 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

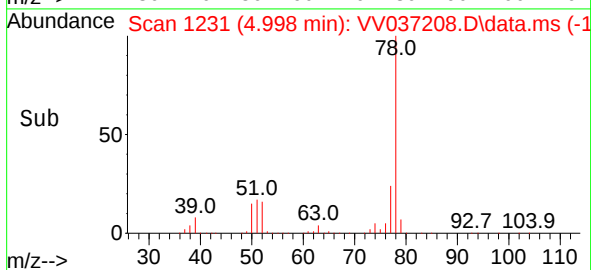
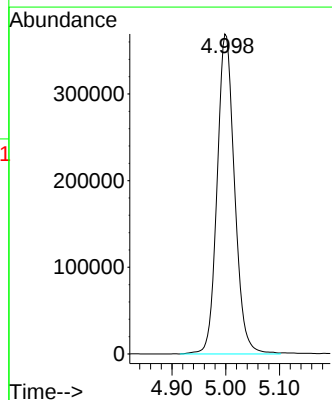
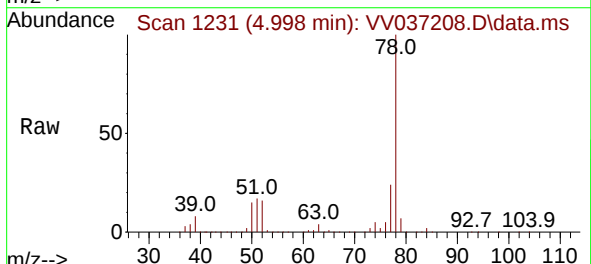
Instrument :
MSVOA_V
ClientSampleId :

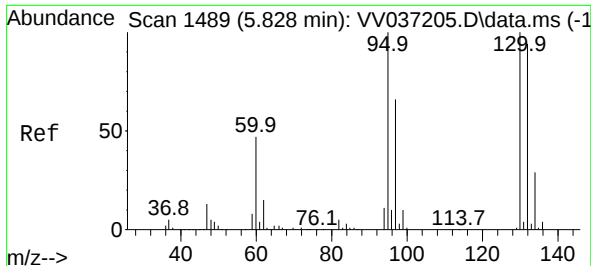
Tgt Ion:117 Resp: 282011
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.4



#33
Benzene
Concen: 27.683 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Tgt Ion: 78 Resp: 832135

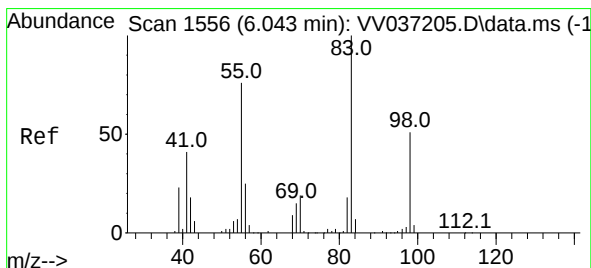
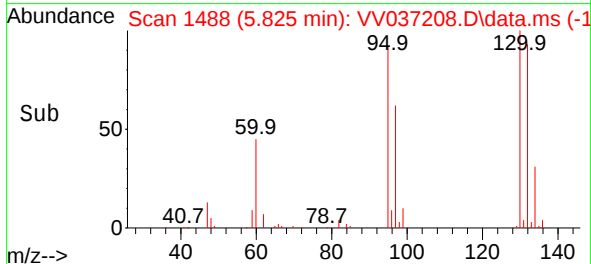
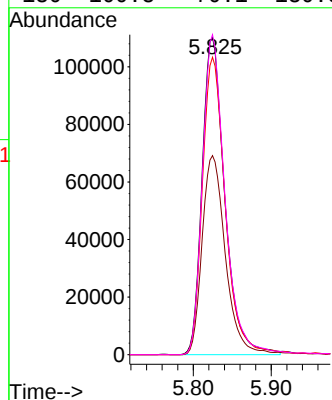
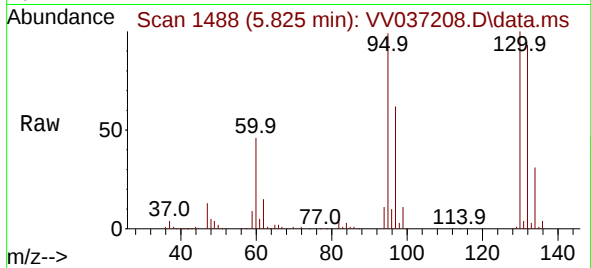




#34
Trichloroethene
Concen: 27.250 ug/L
RT: 5.825 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

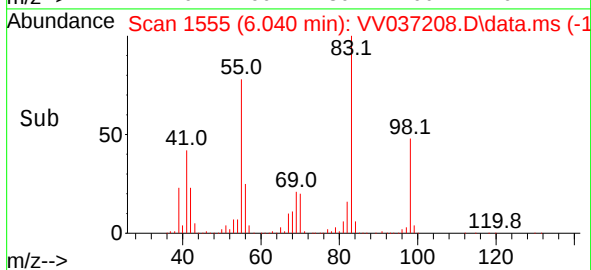
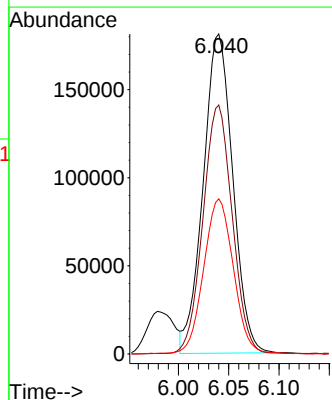
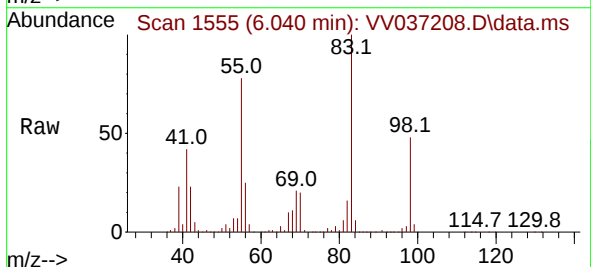
Instrument :
MSVOA_V
ClientSampleId :

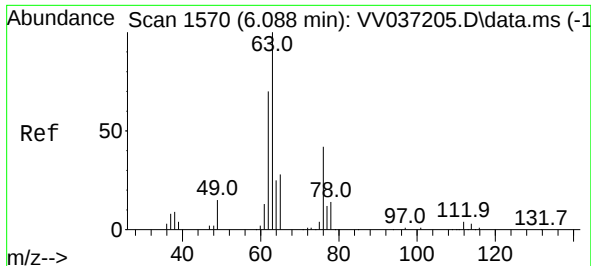
Tgt Ion: 95 Resp: 222944
Ion Ratio Lower Upper
95 100
97 62.7 44.0 81.6
132 93.7 64.3 119.5
130 100.8 70.1 130.3



#35
Methylcyclohexane
Concen: 27.820 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Tgt Ion: 83 Resp: 370865
Ion Ratio Lower Upper
83 100
55 77.6 61.6 92.4
98 48.8 38.5 57.7

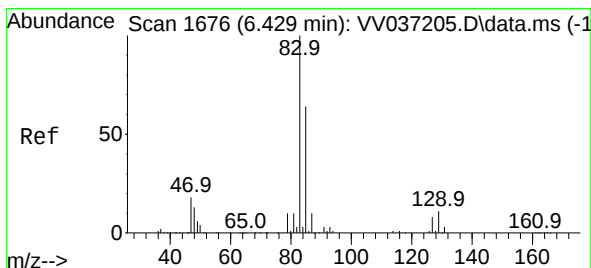
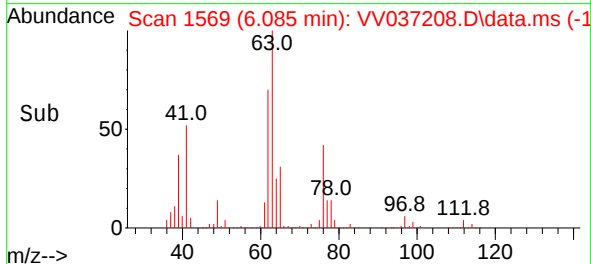
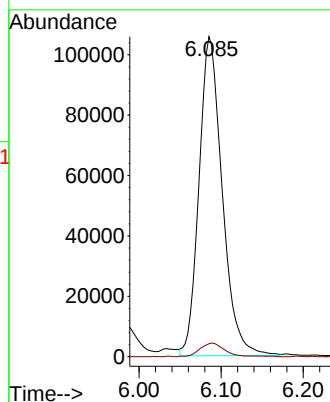
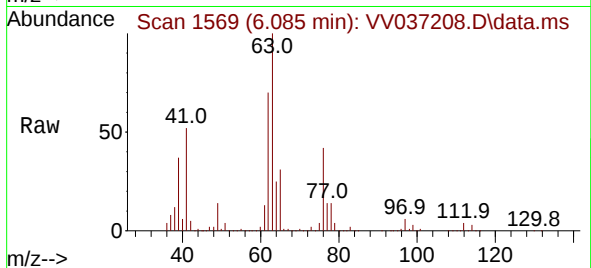




#37
1,2-Dichloropropane
Concen: 26.431 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

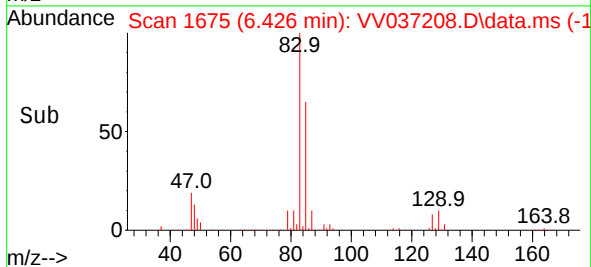
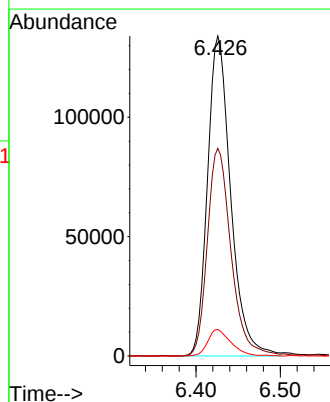
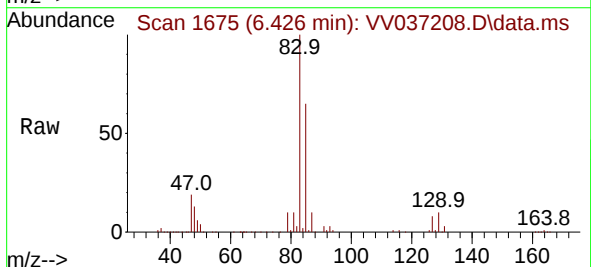
Instrument :
MSVOA_V
ClientSampleId :

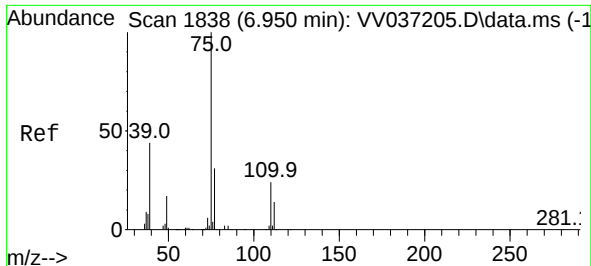
Tgt Ion: 63 Resp: 207916
Ion Ratio Lower Upper
63 100
112 4.2 3.8 5.6



#38
Bromodichloromethane
Concen: 26.264 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Tgt Ion: 83 Resp: 256543
Ion Ratio Lower Upper
83 100
85 64.9 45.9 85.3
127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 26.066 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

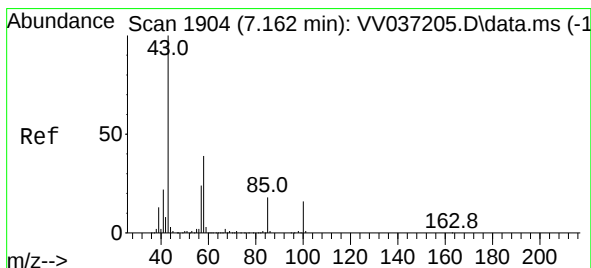
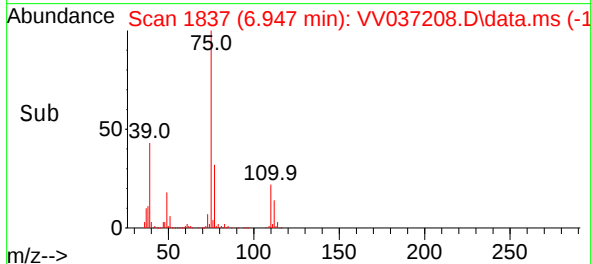
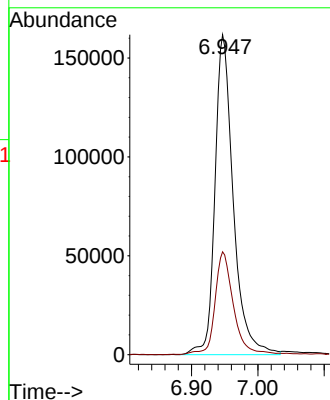
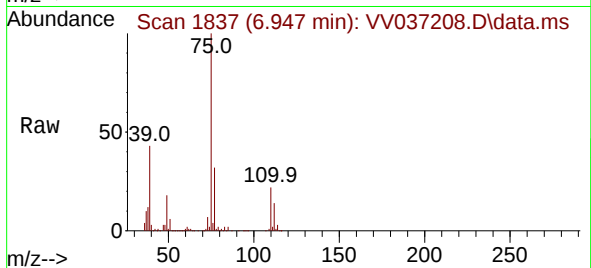
ClientSampleId :

Tgt Ion: 75 Resp: 310955

Ion Ratio Lower Upper

75 100

77 32.2 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 49.073 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

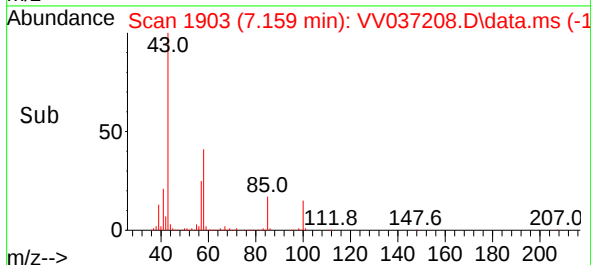
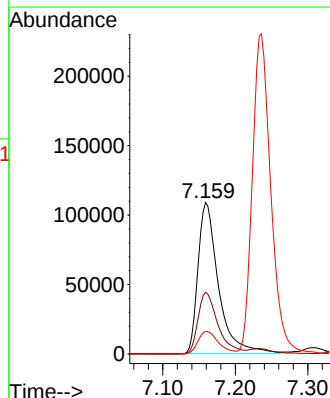
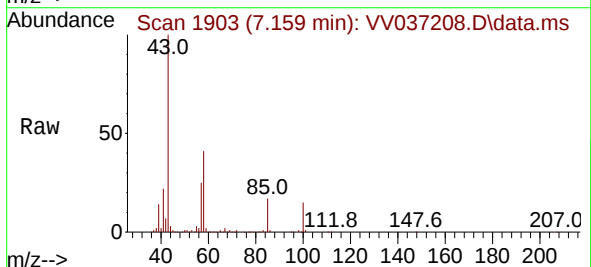
Tgt Ion: 43 Resp: 213979

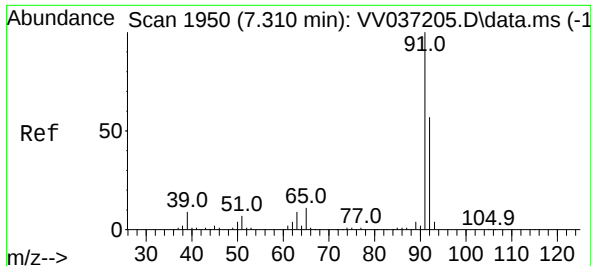
Ion Ratio Lower Upper

43 100

58 39.6 30.3 45.5

100 14.9 11.6 17.4





#42

Toluene

Concen: 27.812 ug/L

RT: 7.307 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

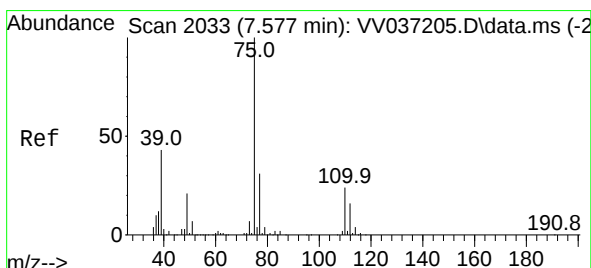
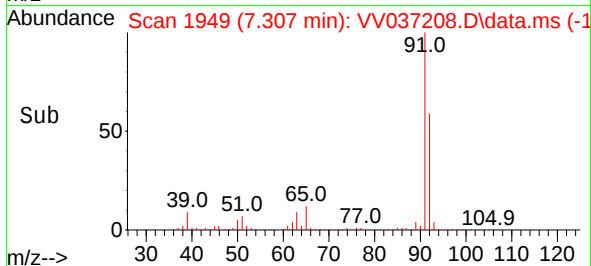
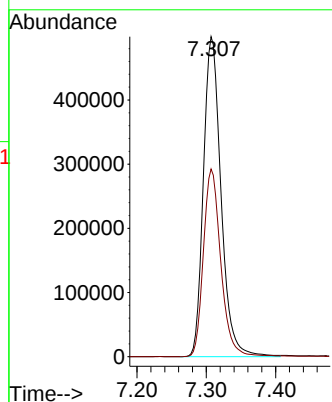
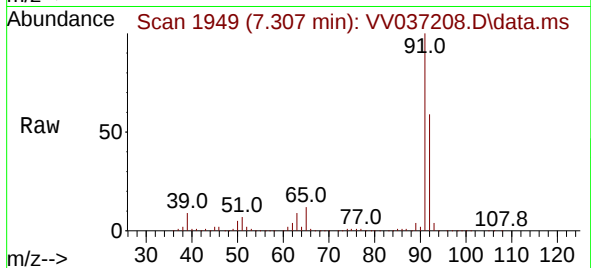
ClientSampleId :

Tgt Ion: 91 Resp: 879768

Ion Ratio Lower Upper

91 100

92 58.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 25.445 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037208.D

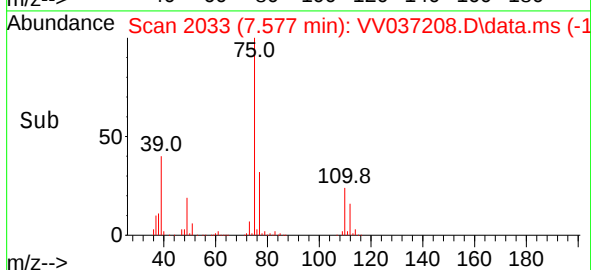
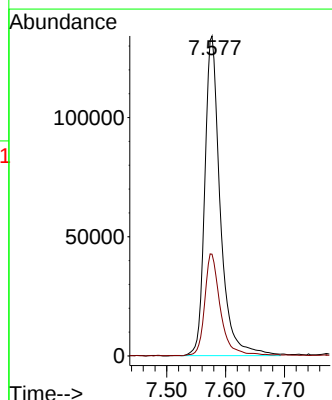
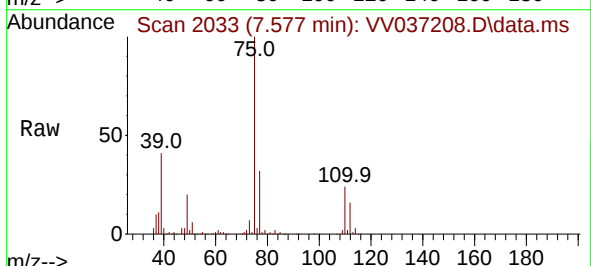
Acq: 05 Sep 2024 11:48

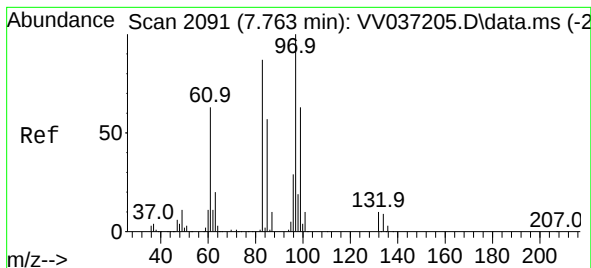
Tgt Ion: 75 Resp: 245681

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.606 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.000 min

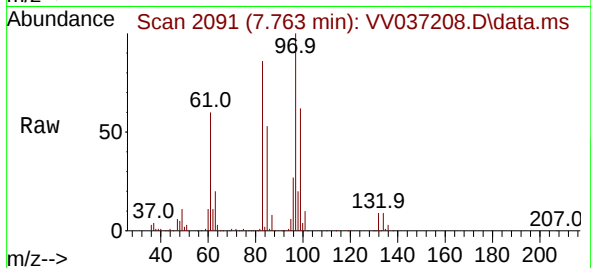
Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 150410

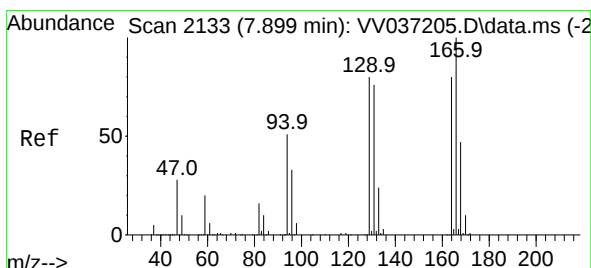
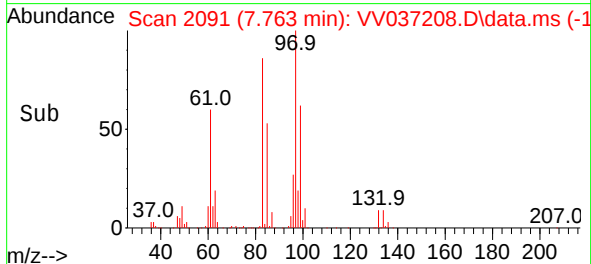
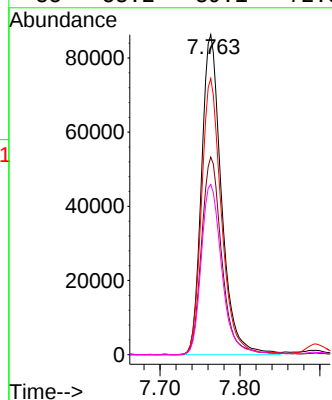
Ion Ratio Lower Upper

97 100

99 61.7 43.2 80.2

83 86.3 60.0 111.4

85 53.2 39.1 72.5



#46

Tetrachloroethene

Concen: 27.744 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Tgt Ion:164 Resp: 166847

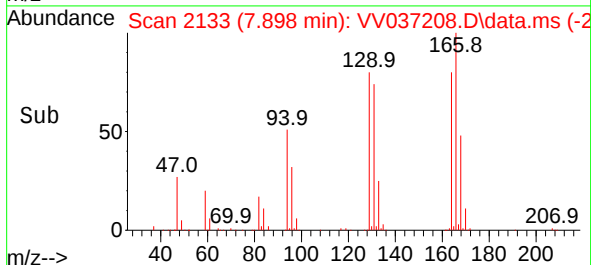
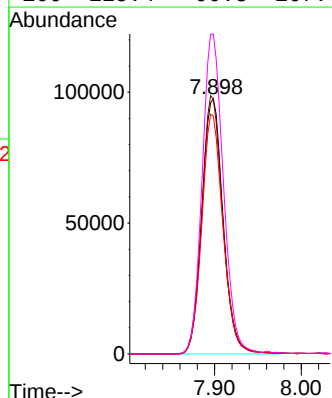
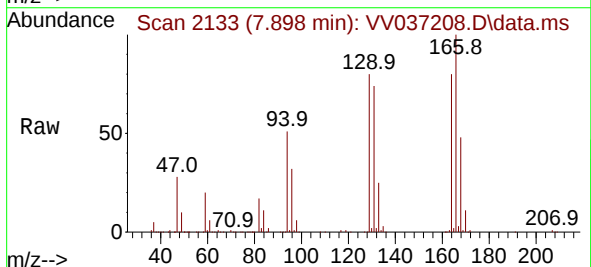
Ion Ratio Lower Upper

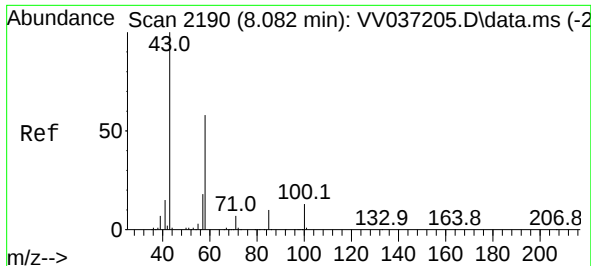
164 100

129 99.9 70.0 130.0

131 93.2 68.0 126.2

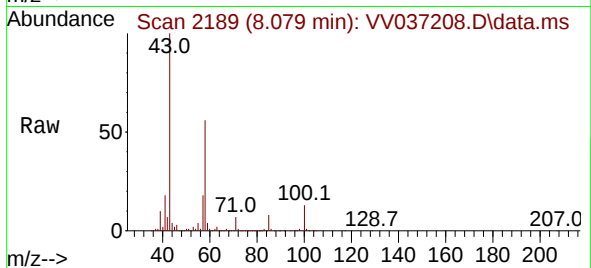
166 125.4 90.3 167.7



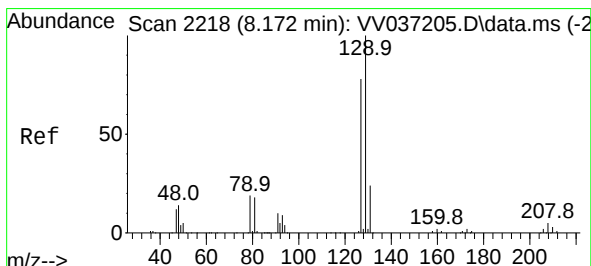
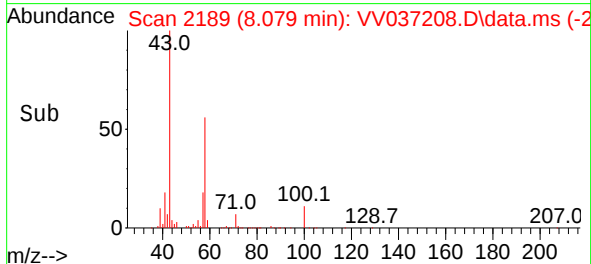
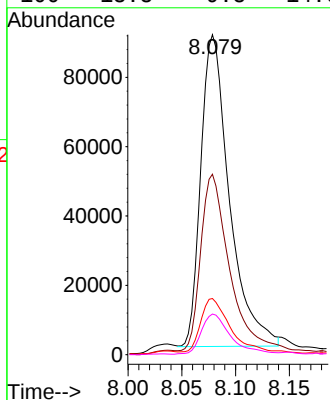


#48
2-Hexanone
Concen: 45.749 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Instrument :
MSVOA_V
ClientSampleId :

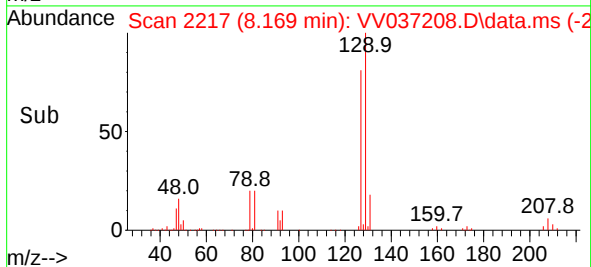
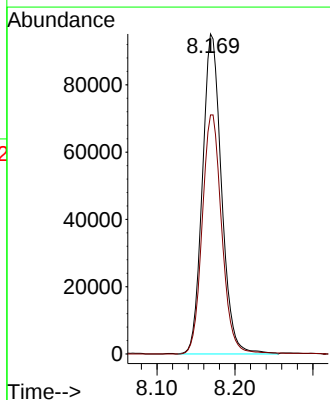
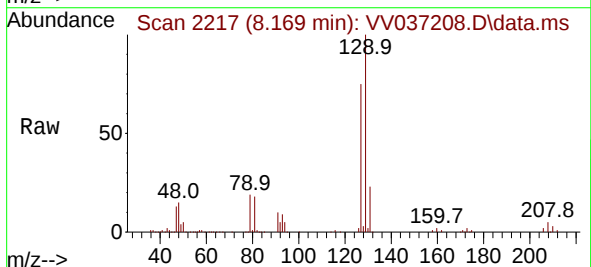


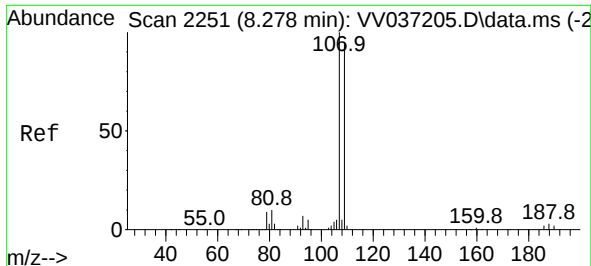
Tgt Ion: 43 Resp: 166241
Ion Ratio Lower Upper
43 100
58 59.0 42.9 64.3
57 17.0 14.6 21.8
100 13.3 9.8 14.6



#49
Dibromochloromethane
Concen: 26.548 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Tgt Ion: 129 Resp: 162264
Ion Ratio Lower Upper
129 100
127 74.7 56.0 104.0





#50

1,2-Dibromoethane

Concen: 24.837 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV037208.D

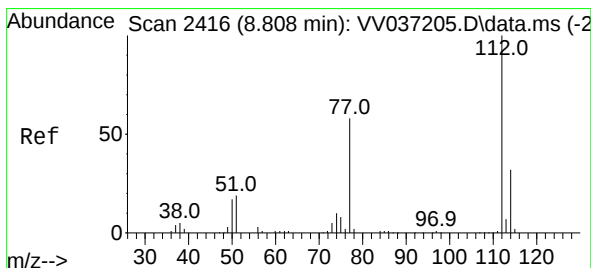
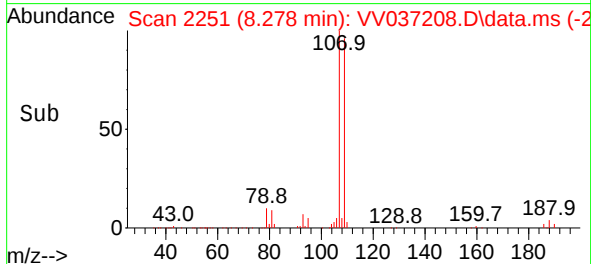
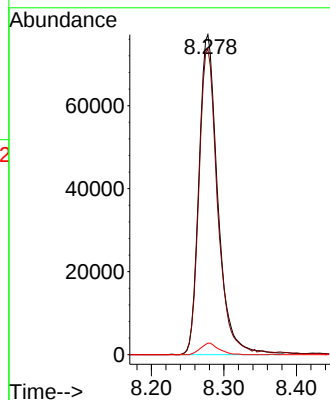
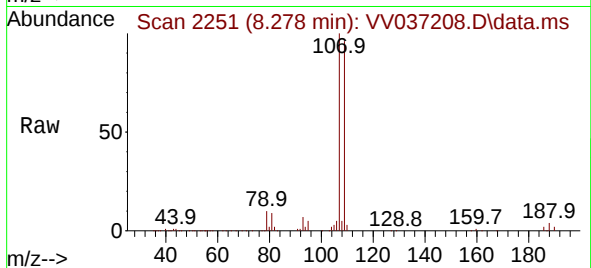
Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	139395
Ion Ratio	Lower	Upper	
107	100		
109	95.5	63.5	117.9
188	3.6	2.5	3.7



#51

Chlorobenzene

Concen: 26.813 ug/L

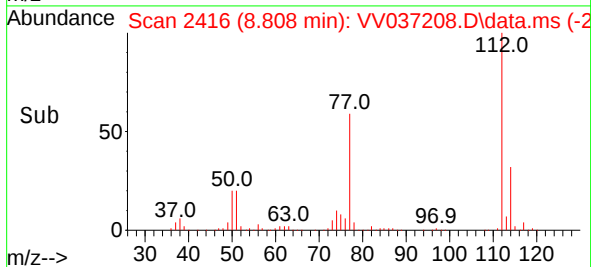
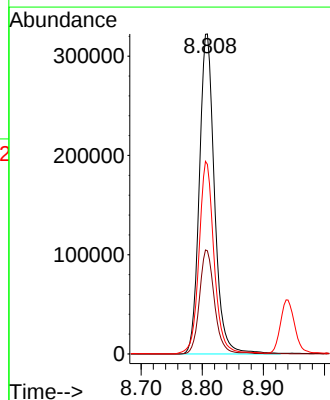
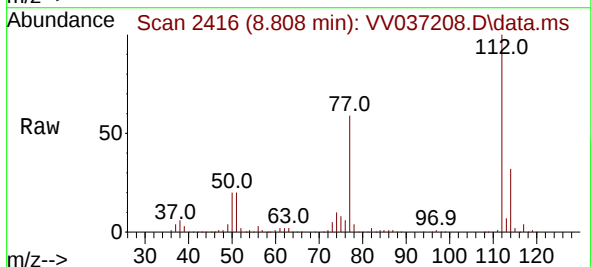
RT: 8.808 min Scan# 2416

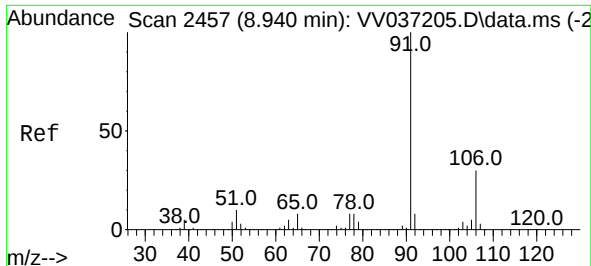
Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Tgt Ion:	112	Resp:	555041
Ion Ratio	Lower	Upper	
112	100		
114	32.2	22.4	41.6
77	59.2	47.5	71.3





#52

Ethylbenzene

Concen: 27.931 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

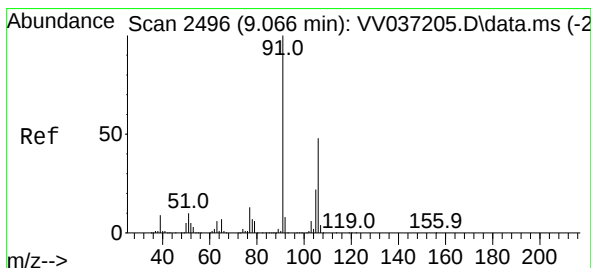
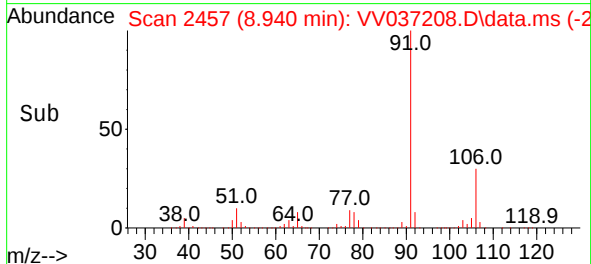
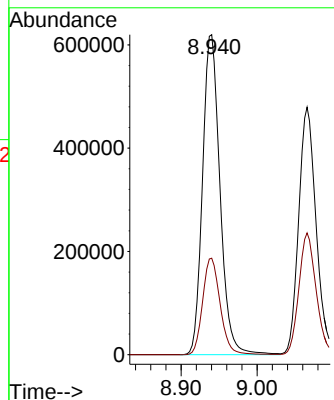
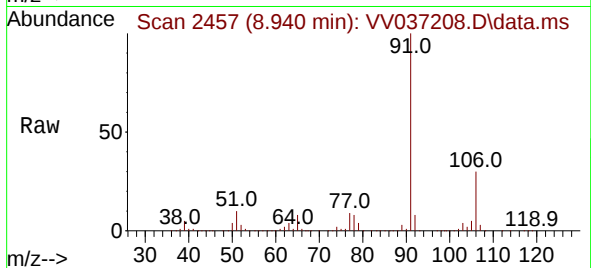
ClientSampleId :

Tgt Ion: 91 Resp: 989424

Ion Ratio Lower Upper

91 100

106 30.2 21.5 39.9



#53

m,p-Xylene

Concen: 28.605 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037208.D

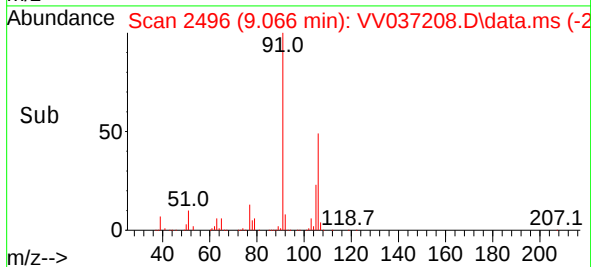
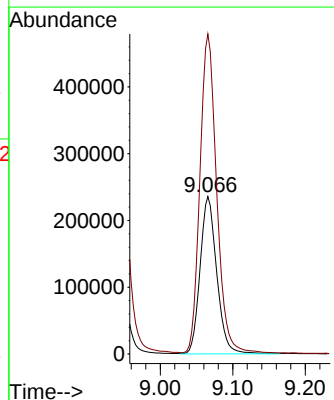
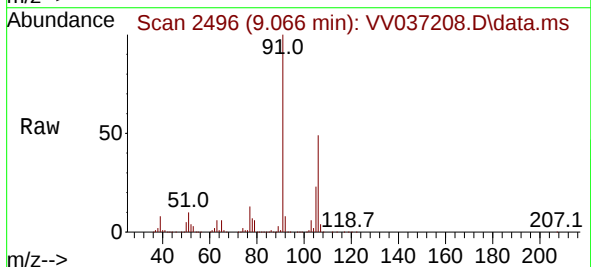
Acq: 05 Sep 2024 11:48

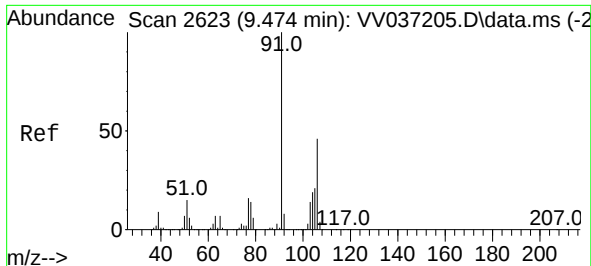
Tgt Ion:106 Resp: 375942

Ion Ratio Lower Upper

106 100

91 203.3 141.6 263.0

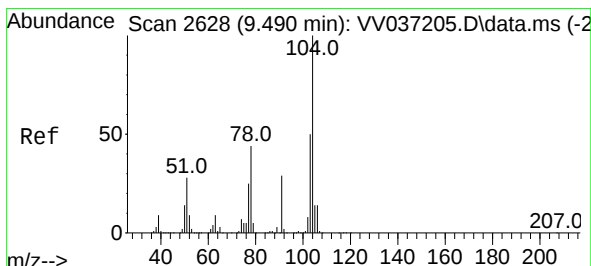
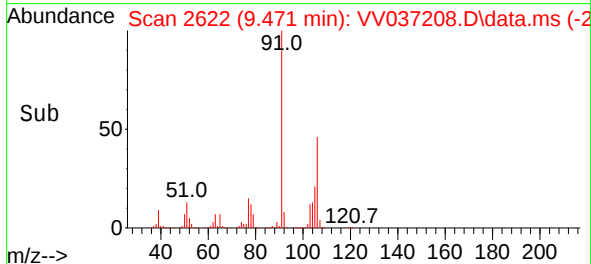
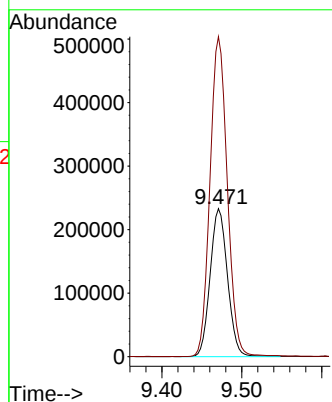
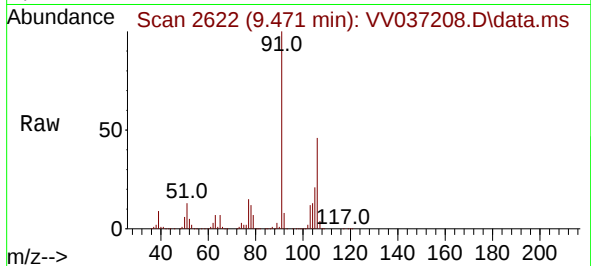




#54
o-Xylene
Concen: 27.819 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.003 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

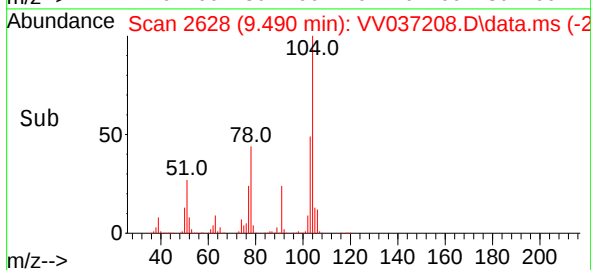
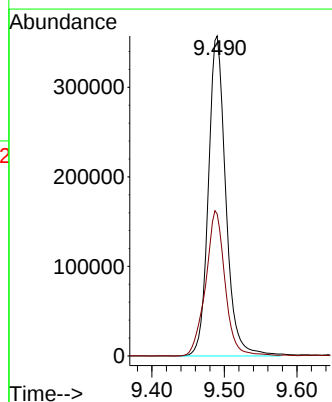
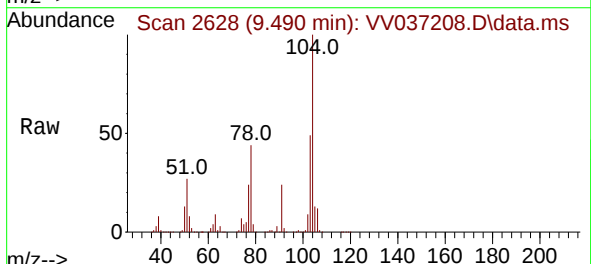
Instrument :
MSVOA_V
ClientSampleId :

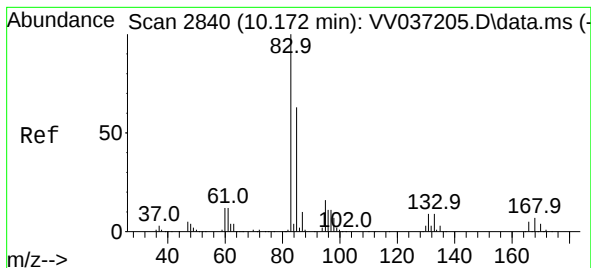
Tgt Ion:106 Resp: 352213
Ion Ratio Lower Upper
106 100
91 216.2 150.4 279.4



#55
Styrene
Concen: 27.811 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

Tgt Ion:104 Resp: 597089
Ion Ratio Lower Upper
104 100
78 44.4 30.6 56.8





#57

1,1,2-Tetrachloroethane

Concen: 24.334 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

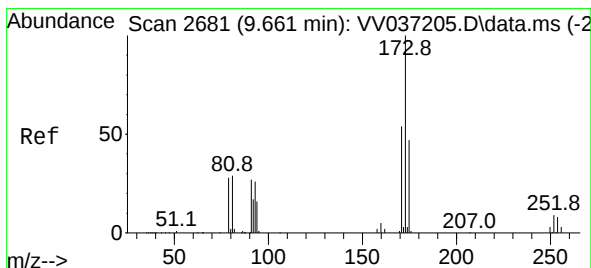
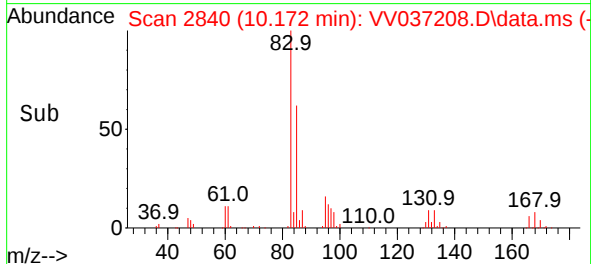
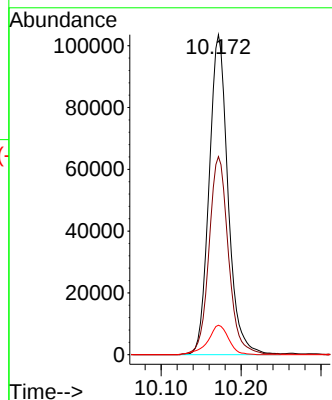
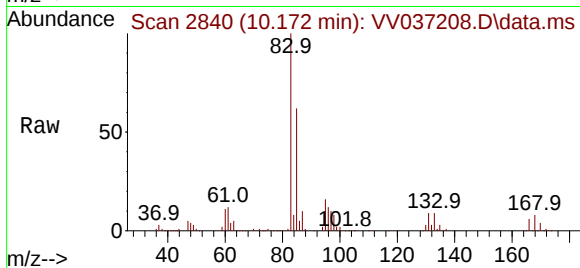
Tgt Ion: 83 Resp: 170338

Ion Ratio Lower Upper

83 100

85 61.9 44.9 83.3

131 9.2 7.1 10.7



#59

Bromoform

Concen: 24.708 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

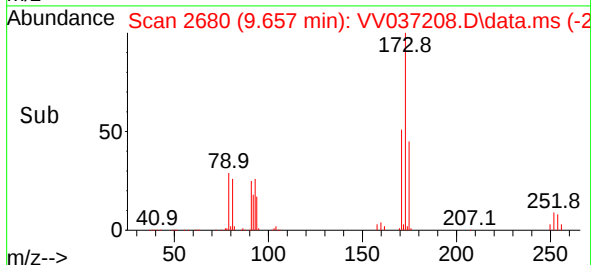
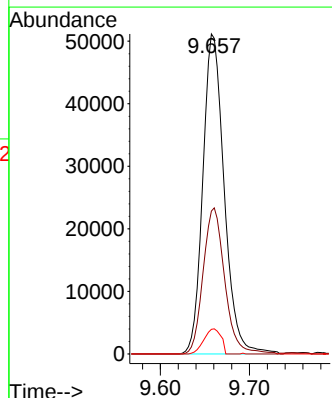
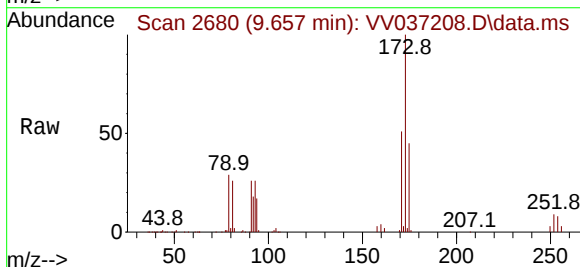
Tgt Ion:173 Resp: 85239

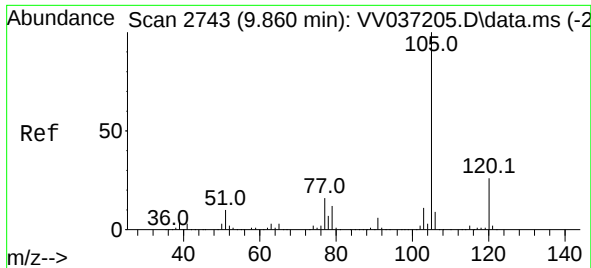
Ion Ratio Lower Upper

173 100

175 46.1 38.6 57.8

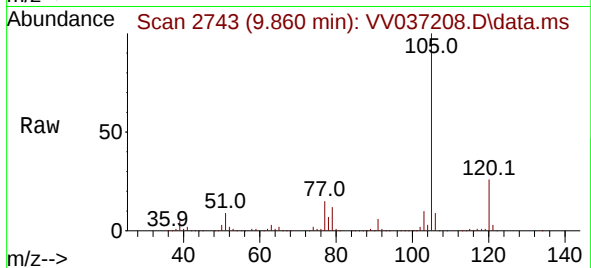
254 6.3 6.6 9.8#



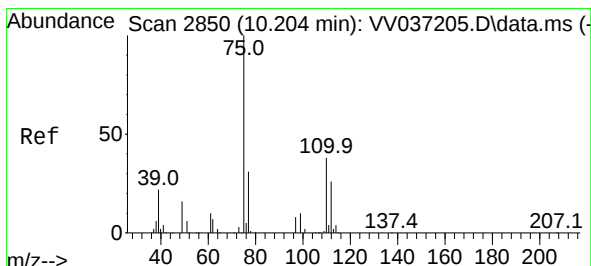
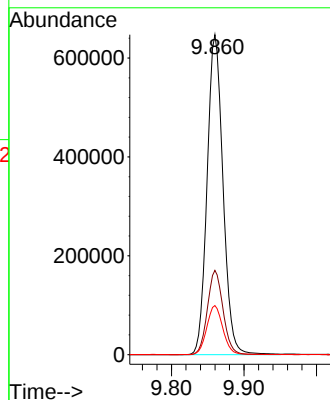
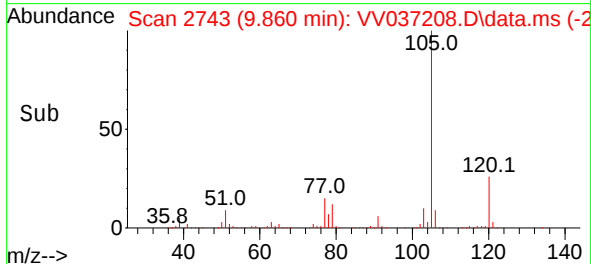


#60
Isopropylbenzene
Concen: 27.933 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48

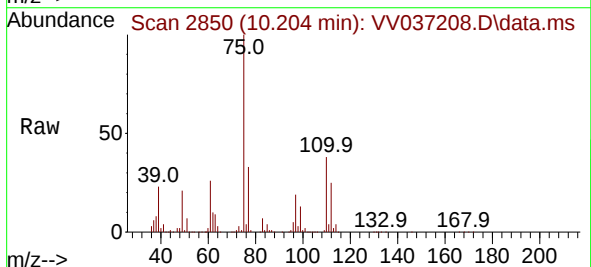
Instrument :
MSVOA_V
ClientSampleId :



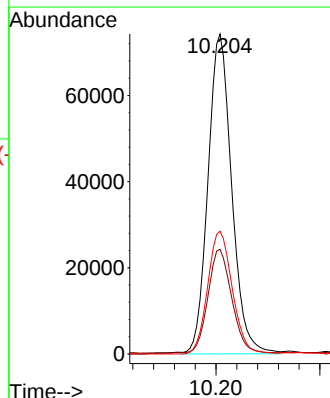
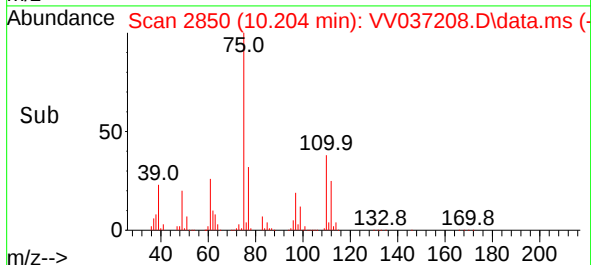
Tgt Ion:105 Resp: 985589
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.4 12.4 18.6

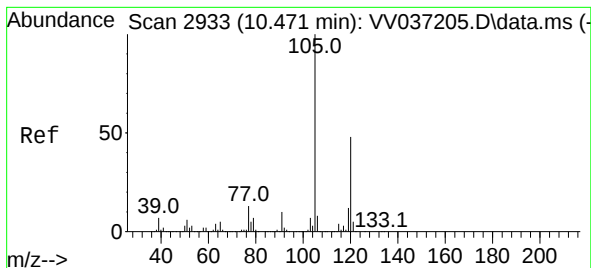


#61
1,2,3-Trichloropropane
Concen: 23.515 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037208.D
Acq: 05 Sep 2024 11:48



Tgt Ion: 75 Resp: 117734
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
110 39.7 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 28.243 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

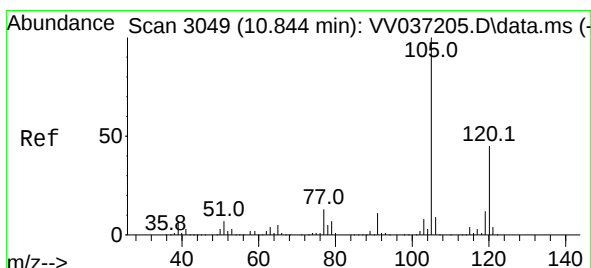
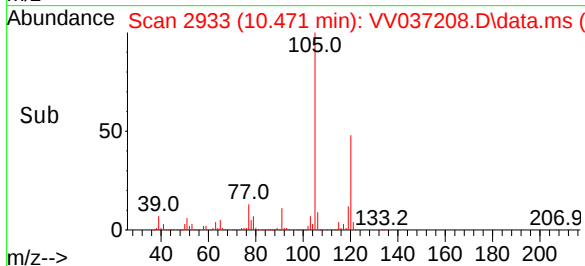
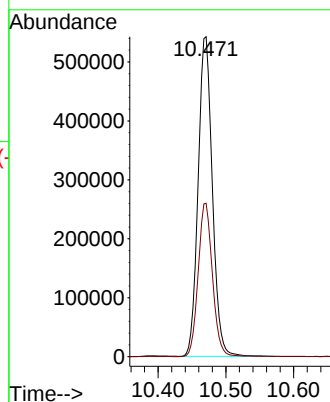
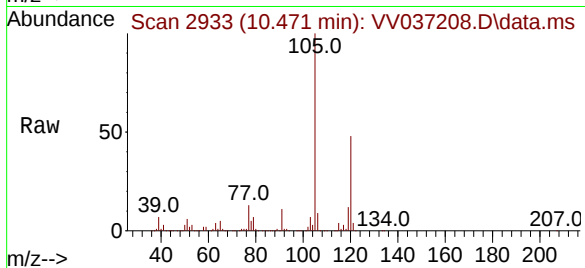
ClientSampleId :

Tgt Ion:105 Resp: 791431

Ion Ratio Lower Upper

105 100

120 48.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 27.828 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037208.D

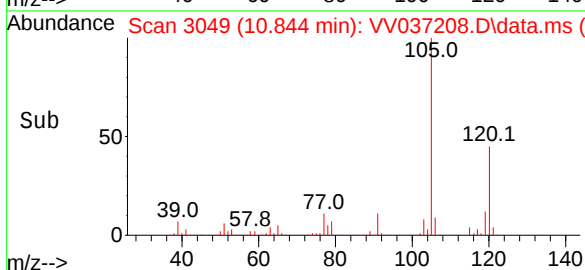
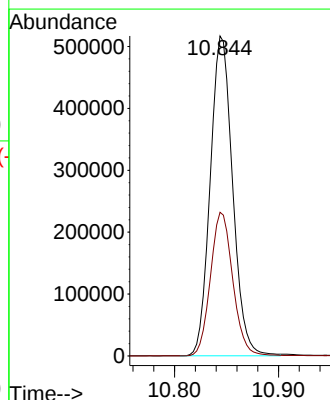
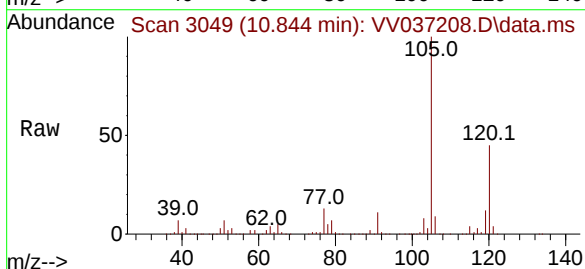
Acq: 05 Sep 2024 11:48

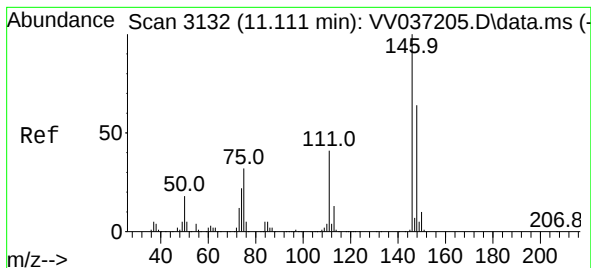
Tgt Ion:105 Resp: 773395

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 26.522 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

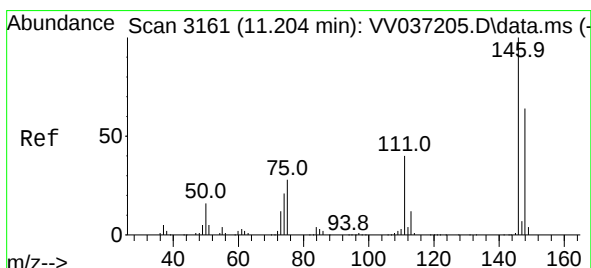
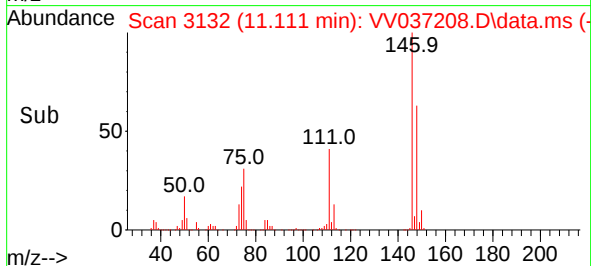
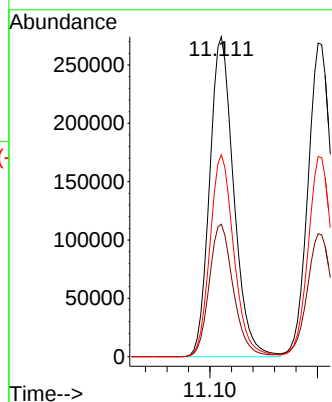
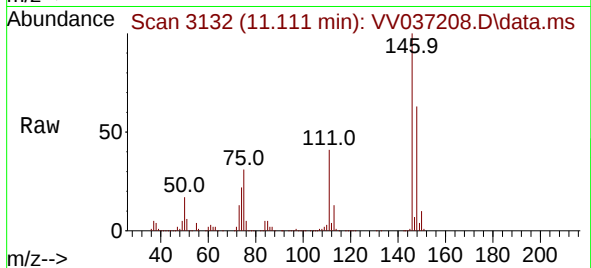
Tgt Ion:146 Resp: 426683

Ion Ratio Lower Upper

146 100

111 41.4 29.7 55.1

148 63.1 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 26.214 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

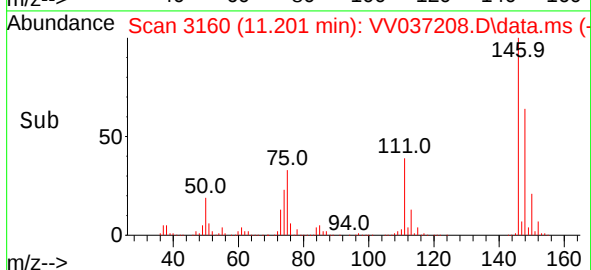
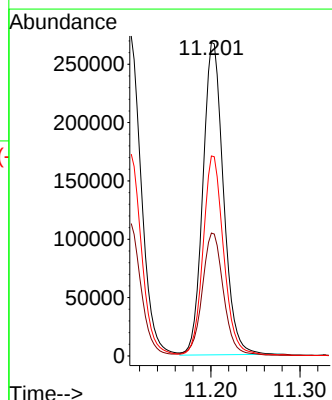
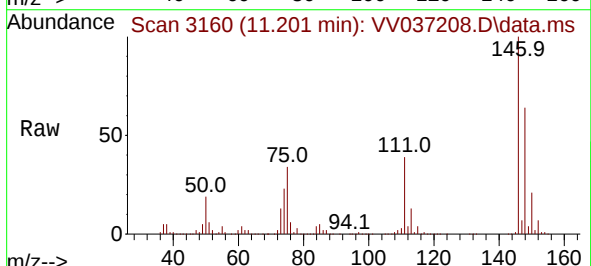
Tgt Ion:146 Resp: 429968

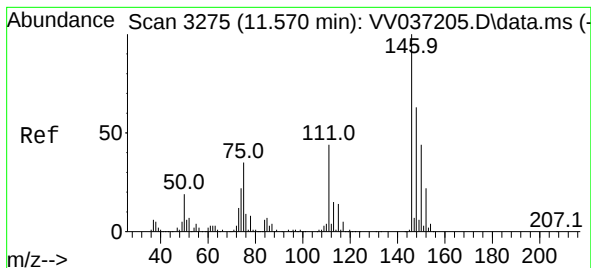
Ion Ratio Lower Upper

146 100

111 39.2 27.6 51.4

148 63.8 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 25.551 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

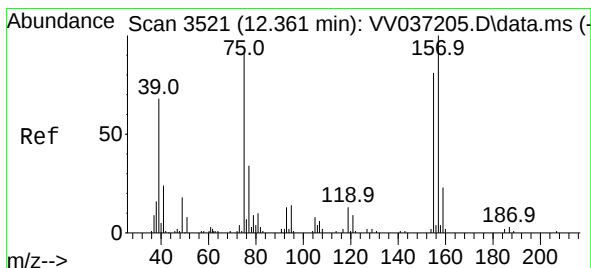
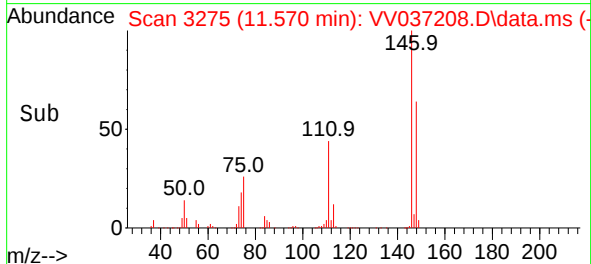
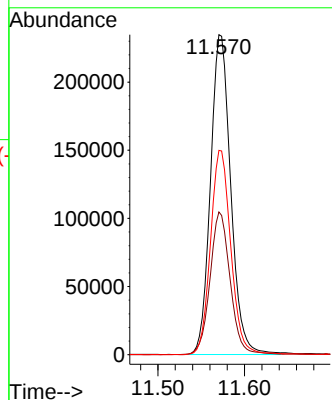
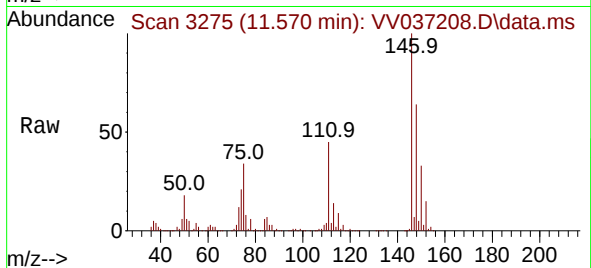
Tgt Ion:146 Resp: 381277

Ion Ratio Lower Upper

146 100

111 44.6 34.1 51.1

148 63.9 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.440 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

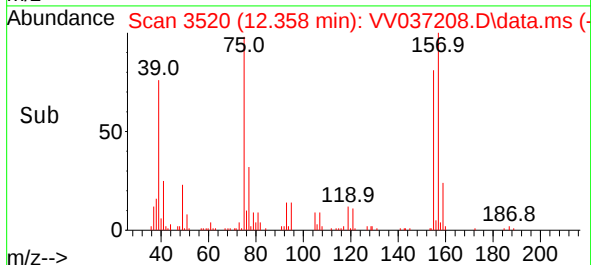
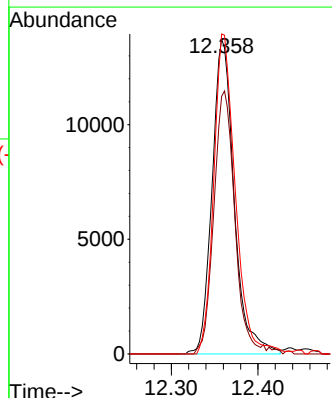
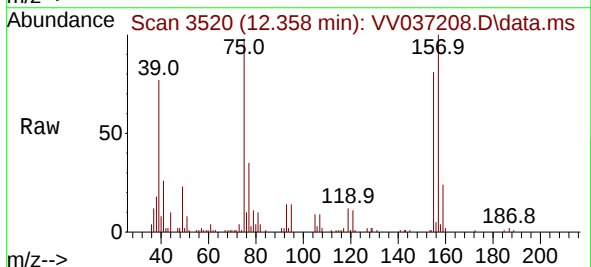
Tgt Ion: 75 Resp: 24228

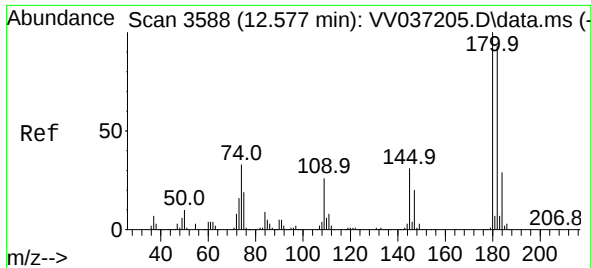
Ion Ratio Lower Upper

75 100

155 81.9 65.6 98.4

157 101.7 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 26.578 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

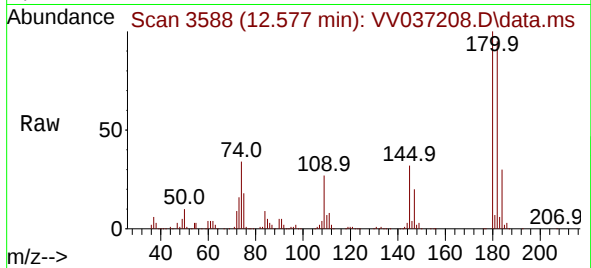
Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 303371

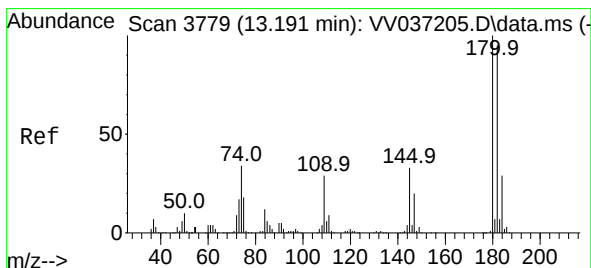
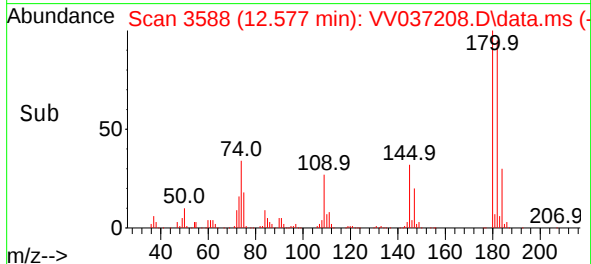
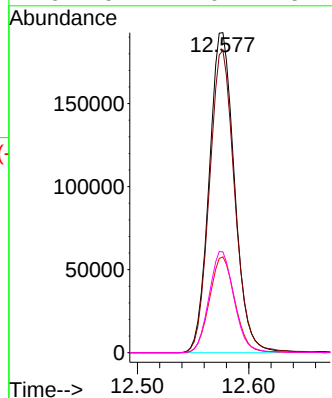
Ion Ratio Lower Upper

180 100

182 94.6 74.6 111.8

184 30.3 23.8 35.8

145 31.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 26.006 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

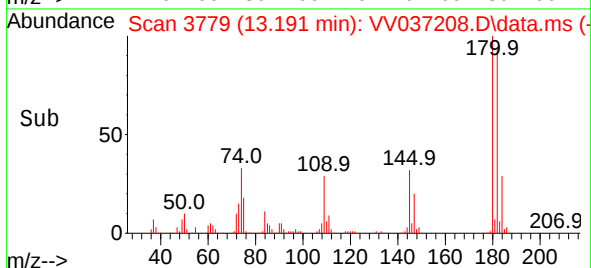
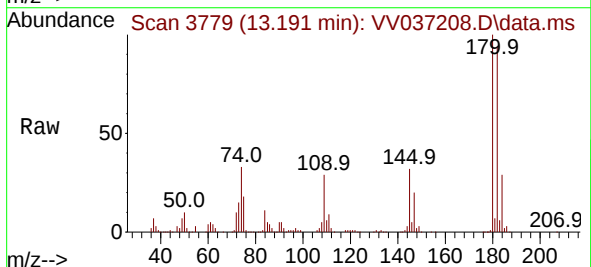
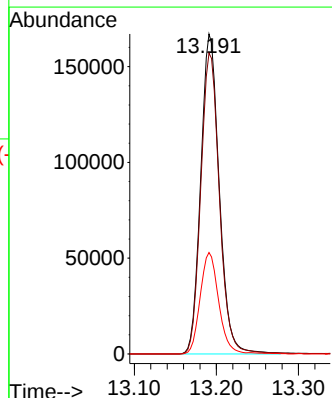
Tgt Ion:180 Resp: 262054

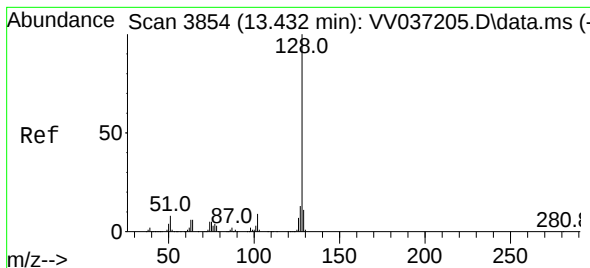
Ion Ratio Lower Upper

180 100

182 94.4 74.9 112.3

145 31.5 25.4 38.0





#71

Naphthalene

Concen: 23.129 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

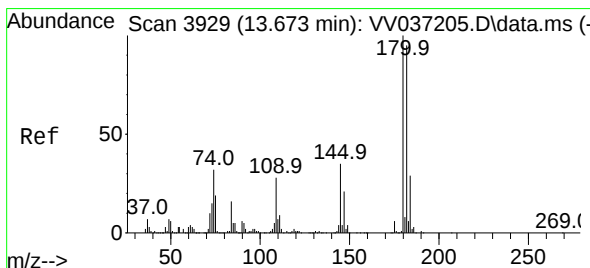
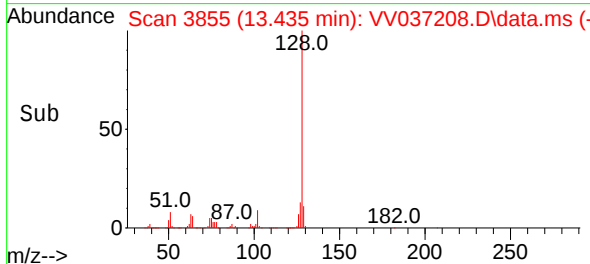
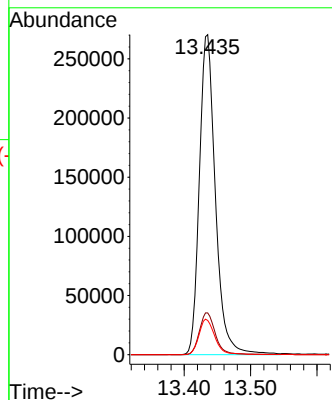
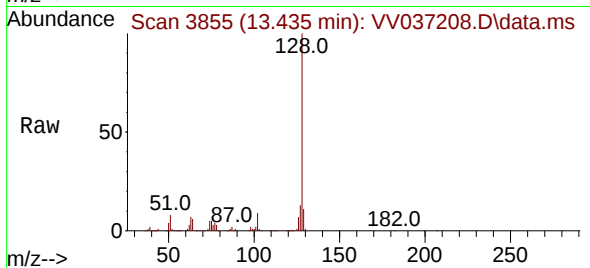
Tgt Ion:128 Resp: 454686

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.0 8.2 12.2



#72

1,2,3-Trichlorobenzene

Concen: 24.872 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037208.D

Acq: 05 Sep 2024 11:48

Tgt Ion:180 Resp: 230156

Ion Ratio Lower Upper

180 100

182 94.1 78.0 117.0

145 33.8 27.9 41.9

