

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037920.D
 Acq On : 06 Nov 2024 10:29
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 21:26:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 21:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	284979	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	296597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	140428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12911	0.592	ug/L	0.00
7) Chloroethane-d5	1.532	69	10471	0.589	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	5711	0.603	ug/L	0.00
20) 2-Butanone-d5	4.011	46	313	0.083	ug/L	0.21
24) Chloroform-d	4.252	84	21120	0.531	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	9054	0.497	ug/L	0.02
32) Benzene-d6	4.963	84	39904	0.522	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	13760	0.566	ug/L	0.01
41) Toluene-d8	7.246	98	31575	0.459	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	3937	0.471	ug/L	0.02
46) 2-Hexanone-d5	8.050	63	9808	3.020	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	9245	0.513	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	12631	0.545	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	14652	0.515	ug/L	97
3) Chloromethane	1.214	50	14383	0.537	ug/L	99
5) Vinyl chloride	1.282	62	13797	0.518	ug/L	89
6) Bromomethane	1.487	94	7866	0.522	ug/L	97
8) Chloroethane	1.548	64	8262	0.521	ug/L	98
9) Trichlorofluoromethane	1.712	101	18898	0.511	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11164	0.527	ug/L	95
12) 1,1-Dichloroethene	2.066	96	10030	0.515	ug/L	91
13) Acetone	2.137	43	14357	4.975	ug/L	93
14) Carbon disulfide	2.236	76	33747	0.511	ug/L #	94
15) Methyl Acetate	2.397	43	3019	0.442	ug/L #	76
16) Methylene chloride	2.449	84	12518	0.551	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	19205	0.441	ug/L #	96
18) trans-1,2-Dichloroethene	2.693	96	10218	0.486	ug/L	91
19) 1,1-Dichloroethane	3.108	63	18421	0.482	ug/L	98
21) 2-Butanone	3.953	43	553	0.140	ug/L	84
22) cis-1,2-Dichloroethene	3.825	96	10798	0.487	ug/L	94
23) Bromochloromethane	4.156	128	4649	0.465	ug/L #	81
25) Chloroform	4.275	83	19917	0.496	ug/L	100
27) 1,2-Dichloroethane	5.059	62	10406	0.468	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	17087	0.482	ug/L	99
30) Cyclohexane	4.564	56	7346	0.234	ug/L #	42
31) Carbon tetrachloride	4.728	117	15037	0.483	ug/L	96
33) Benzene	5.014	78	36891	0.453	ug/L	100
34) Trichloroethene	5.841	95	11097	0.492	ug/L	91
35) Methylcyclohexane	6.037	83	15413	0.458	ug/L	98
37) 1,2-Dichloropropane	6.098	63	9269	0.455	ug/L	99
38) Bromodichloromethane	6.436	83	12545	0.464	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	10698	0.370	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	37769	3.760	ug/L	92
42) Toluene	7.317	91	36282	0.421	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	9477	0.393	ug/L	96

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 ClientSampleId :

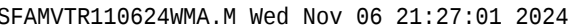
Quant Time: Nov 06 21:26:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 21:26:20 2024
 Response via : Initial Calibration

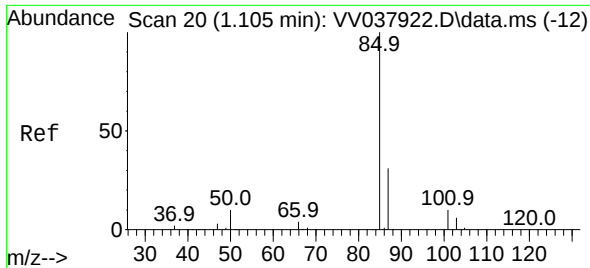
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	6712	0.430	ug/L	91
47) Tetrachloroethene	7.902	164	8020	0.457	ug/L	88
48) 2-Hexanone	8.098	43	25429	3.634	ug/L #	75
49) Dibromochloromethane	8.175	129	8085	0.459	ug/L	97
50) 1,2-Dibromoethane	8.288	107	6278	0.436	ug/L #	97
51) Chlorobenzene	8.812	112	27584	0.468	ug/L	95
52) Ethylbenzene	8.947	91	38744	0.417	ug/L	95
53) m,p-Xylene	9.072	106	14199	0.401	ug/L	94
54) o-Xylene	9.477	106	12992	0.385	ug/L	90
55) Styrene	9.506	104	20361	0.357	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	8187	0.457	ug/L	88
59) Bromoform	9.667	173	3889	0.475	ug/L	95
60) Isopropylbenzene	9.863	105	35517	0.434	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	5500	0.501	ug/L	93
62) 1,3,5-Trimethylbenzene	10.474	105	26792	0.416	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	24865	0.392	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	19104	0.461	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	21581	0.504	ug/L	92
67) 1,2-Dichlorobenzene	11.577	146	17833	0.465	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	1038	0.435	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.583	180	13753	0.470	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	9432	0.411	ug/L	99
71) Naphthalene	13.451	128	7619	0.245	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.683	180	7793	0.394	ug/L	93

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

Quant Time: Nov 06 21:26:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 21:26:20 2024
Response via : Initial Calibration

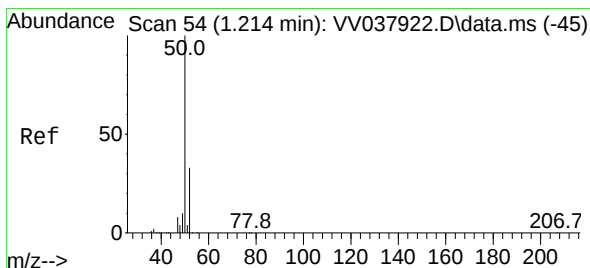
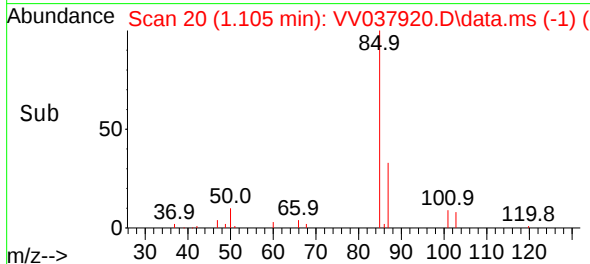
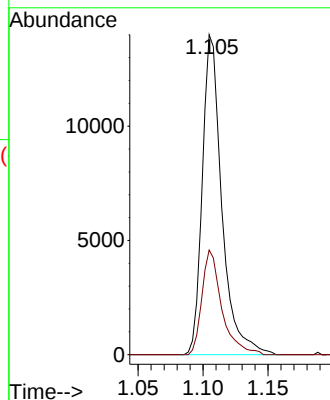
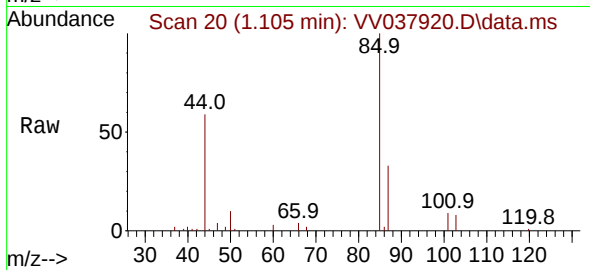




#2
 Dichlorodifluoromethane
 Concen: 0.515 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

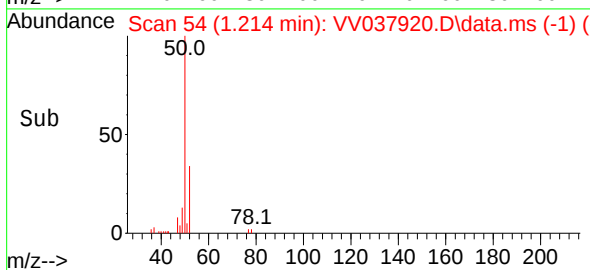
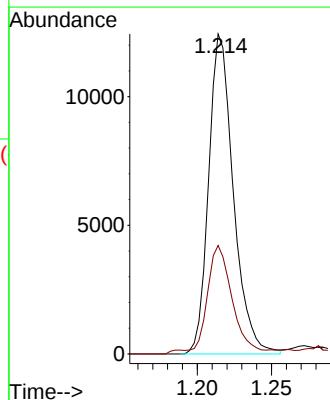
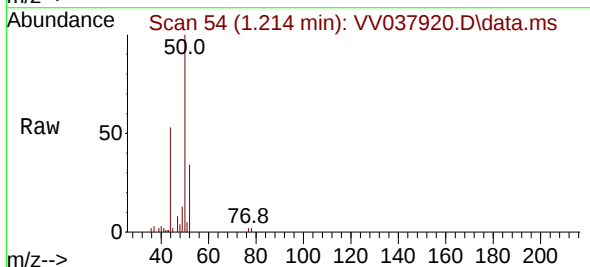
Instrument :
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 ClientSampleId :

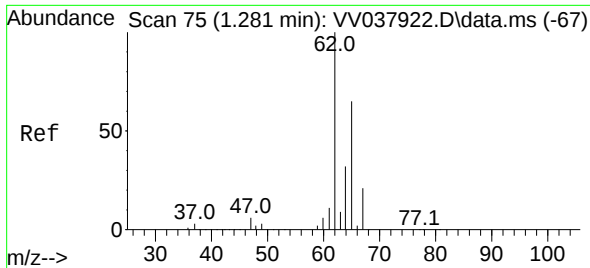
Tgt Ion: 85 Resp: 14652
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.4 38.0



#3
 Chloromethane
 Concen: 0.537 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

Tgt Ion: 50 Resp: 14383
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.4

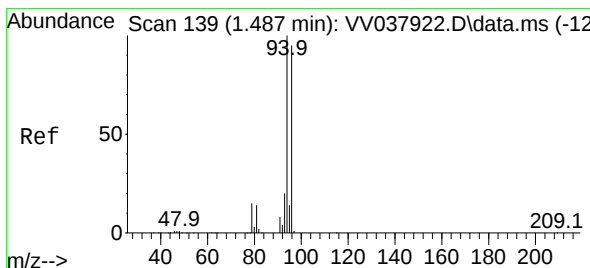
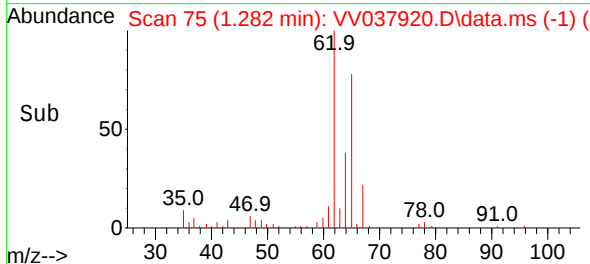
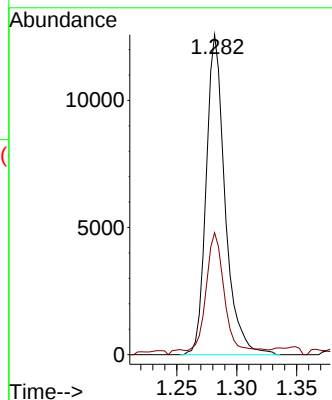
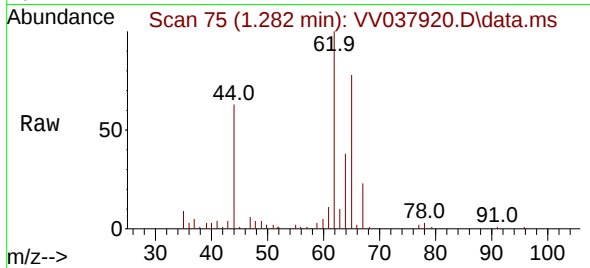




#5
 Vinyl chloride
 Concen: 0.518 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

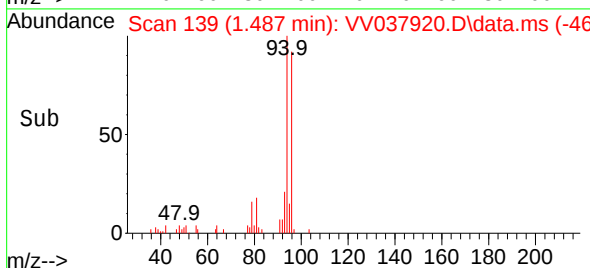
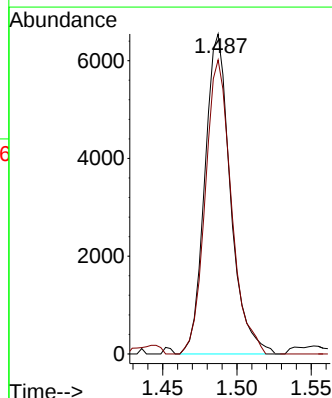
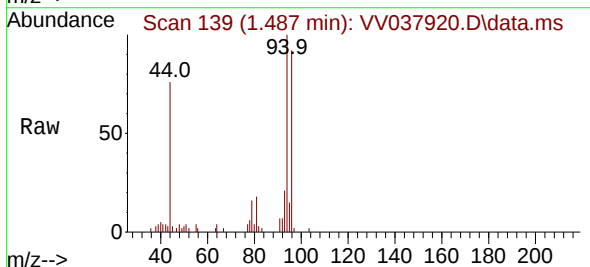
Instrument :
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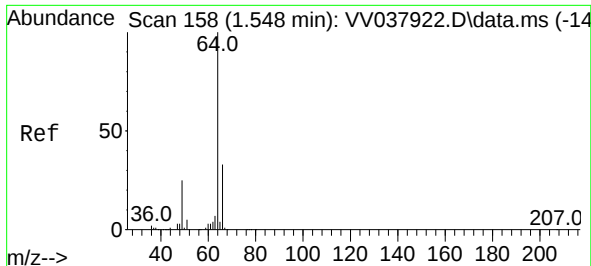
Tgt Ion: 62 Resp: 13797
 Ion Ratio Lower Upper
 62 100
 64 38.1 22.4 41.6



#6
 Bromomethane
 Concen: 0.522 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

Tgt Ion: 94 Resp: 7866
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.3 123.1

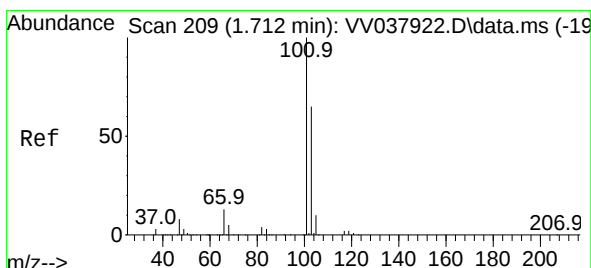
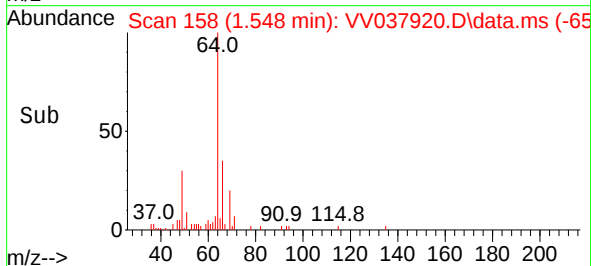
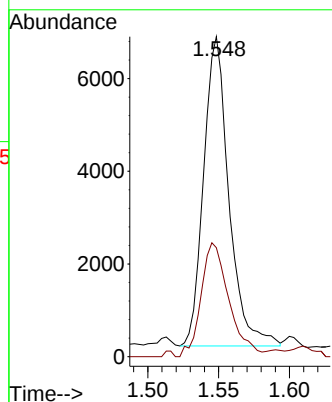
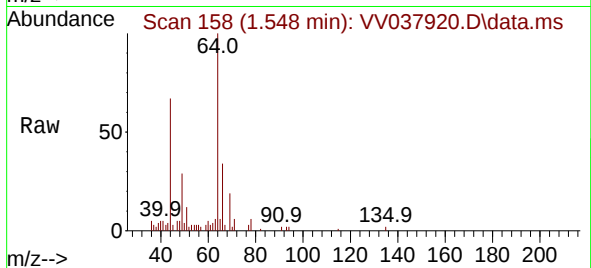




#8
Chloroethane
Concen: 0.521 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

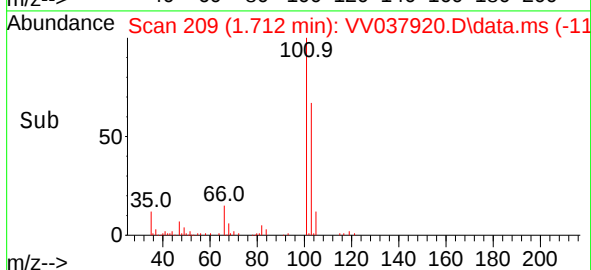
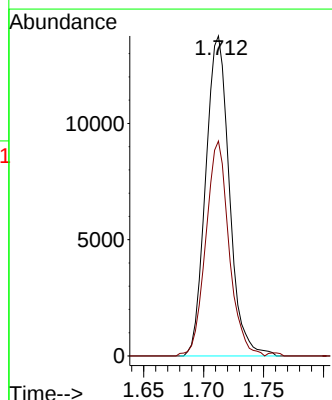
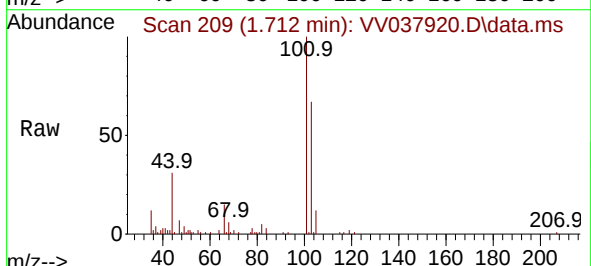
Instrument :
MSVOA_V
ClientSampleId :

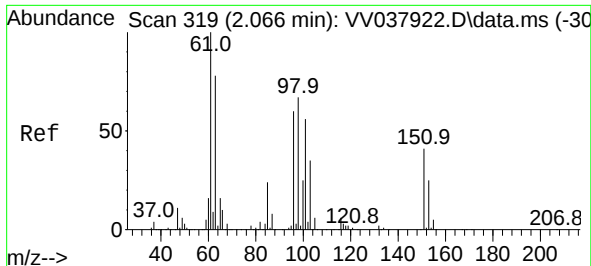
Tgt Ion: 64 Resp: 8262
Ion Ratio Lower Upper
64 100
66 34.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.511 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

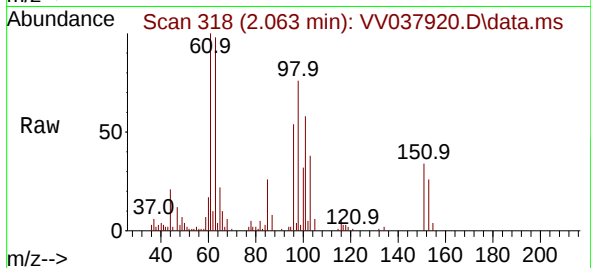
Tgt Ion:101 Resp: 18898
Ion Ratio Lower Upper
101 100
103 65.9 51.7 77.5



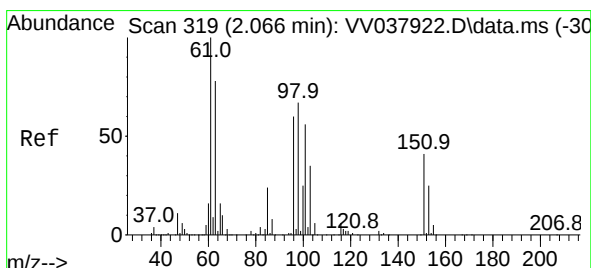
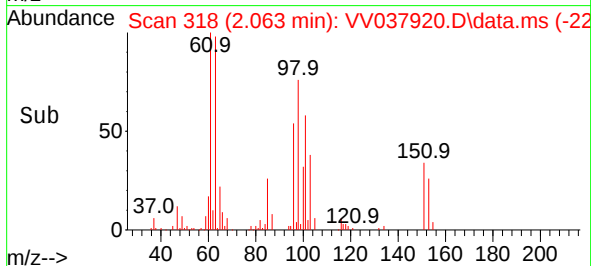
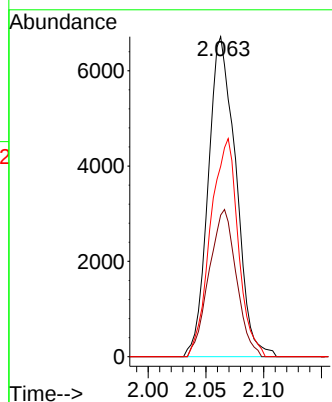


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.527 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

Instrument :
 MSVOA_V
 ClientSampleId :

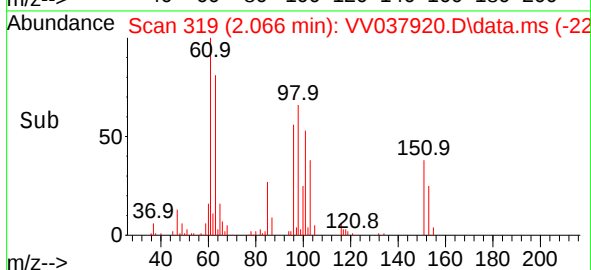
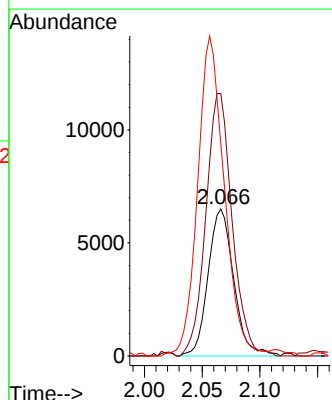
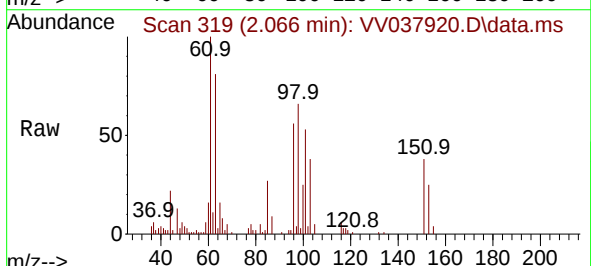


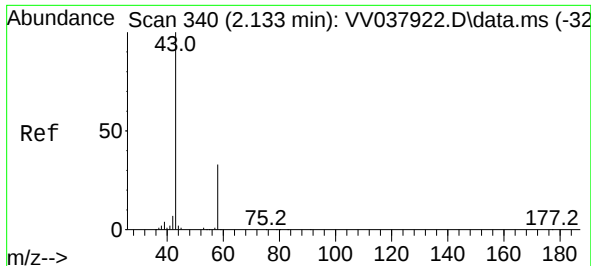
Tgt Ion:	101	Resp:	11164
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.0	52.6
151	68.3	59.2	88.8



#12
 1,1-Dichloroethene
 Concen: 0.515 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

Tgt Ion:	96	Resp:	10030
Ion	Ratio	Lower	Upper
96	100		
61	178.5	117.4	218.0
63	144.1	91.7	170.3





#13

Acetone

Concen: 4.975 ug/L

RT: 2.137 min Scan# 340

Delta R.T. 0.003 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

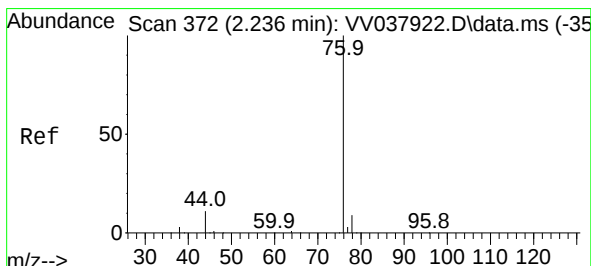
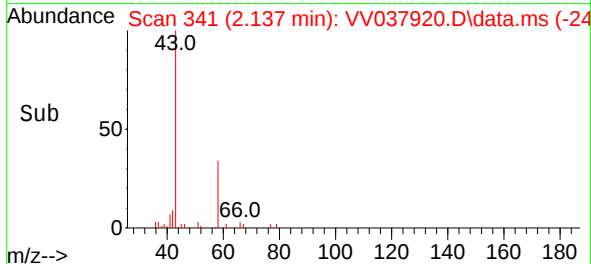
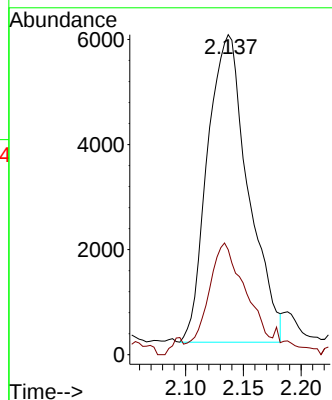
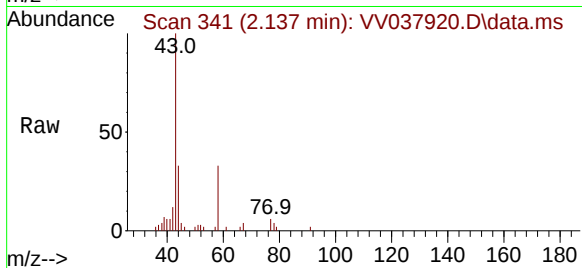
ClientSampleId :

Tgt Ion: 43 Resp: 14357

Ion Ratio Lower Upper

43 100

58 28.1 0.0 64.6



#14

Carbon disulfide

Concen: 0.511 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037920.D

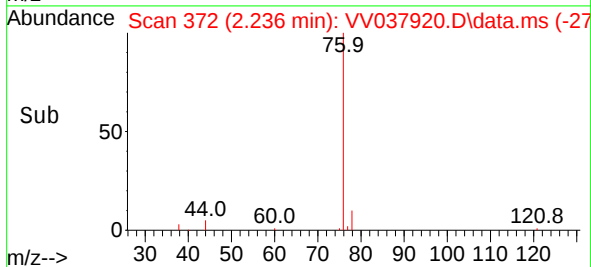
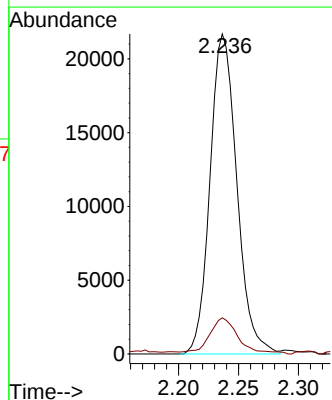
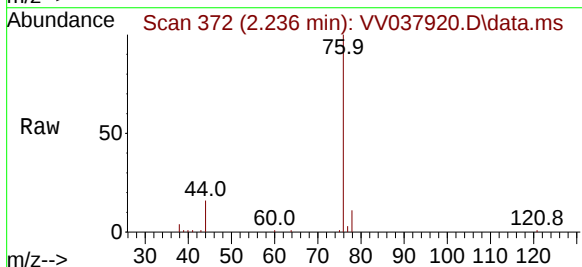
Acq: 06 Nov 2024 10:29

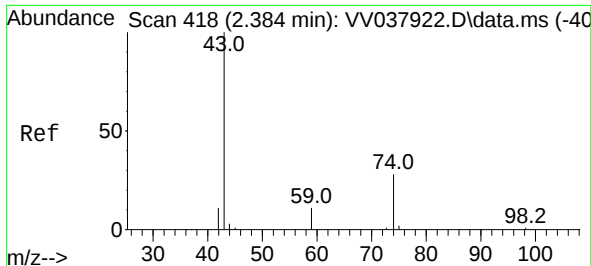
Tgt Ion: 76 Resp: 33747

Ion Ratio Lower Upper

76 100

78 11.3 7.3 10.9#





#15

Methyl Acetate

Concen: 0.442 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.013 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

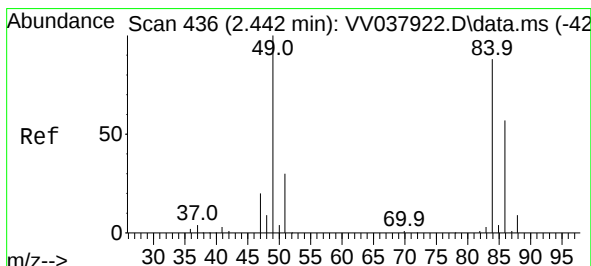
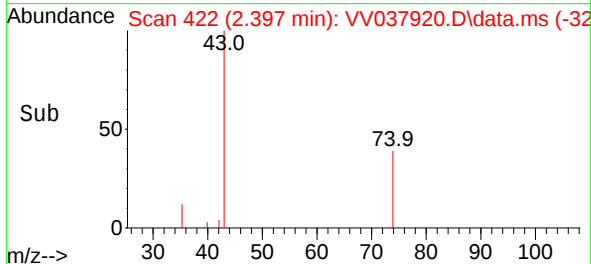
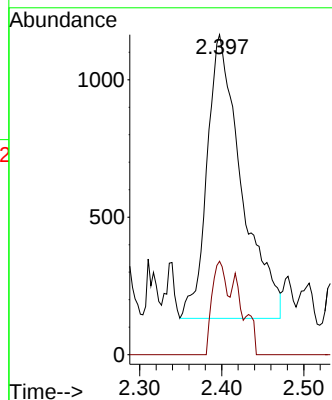
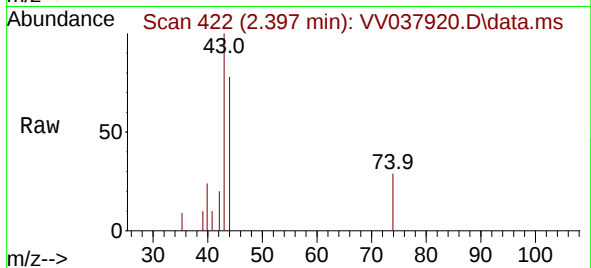
ClientSampleId :

Tgt Ion: 43 Resp: 3019

Ion Ratio Lower Upper

43 100

74 14.6 21.8 32.8#



#16

Methylene chloride

Concen: 0.551 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.007 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

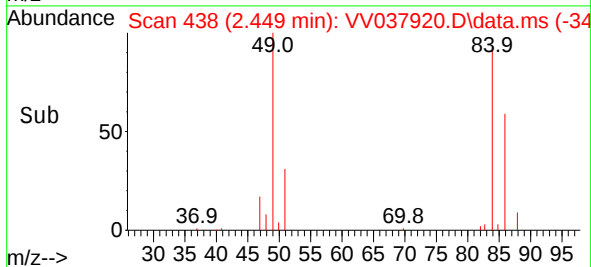
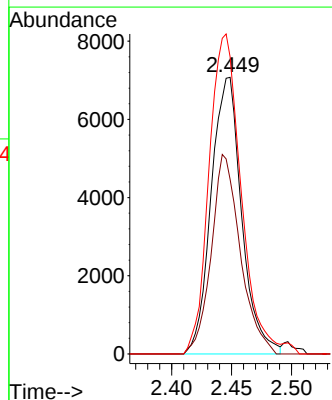
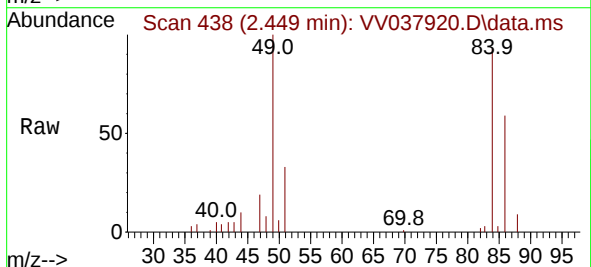
Tgt Ion: 84 Resp: 12518

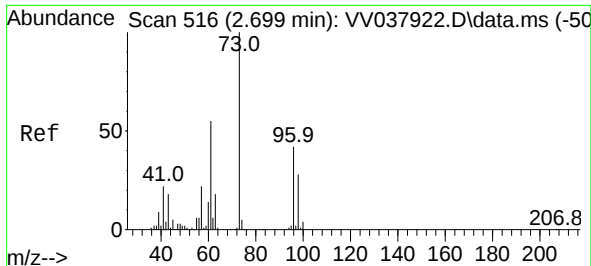
Ion Ratio Lower Upper

84 100

86 63.1 45.0 83.6

49 107.3 79.2 147.2





#17

Methyl tert-butyl Ether

Concen: 0.441 ug/L

RT: 2.703 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

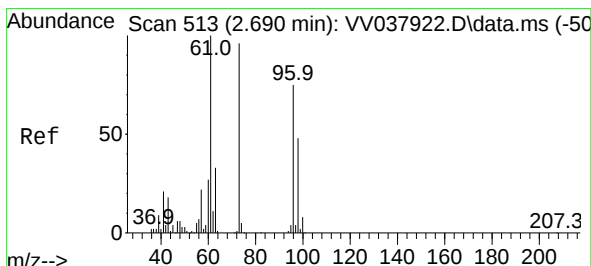
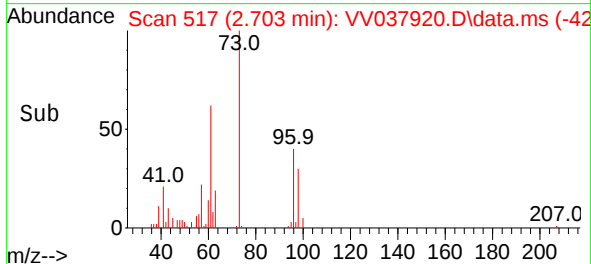
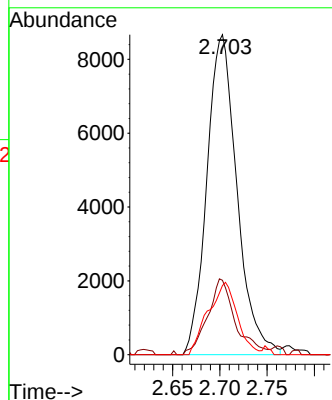
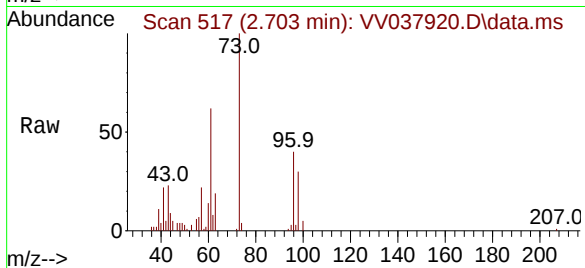
Tgt Ion: 73 Resp: 19205

Ion Ratio Lower Upper

73 100

43 21.8 14.4 21.6#

57 21.9 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 0.486 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

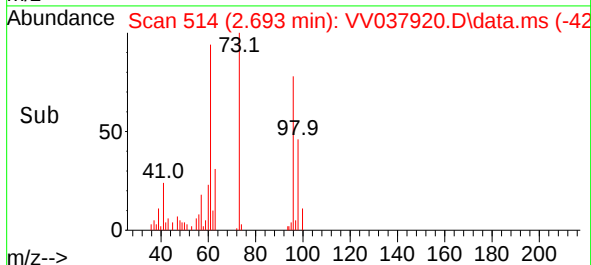
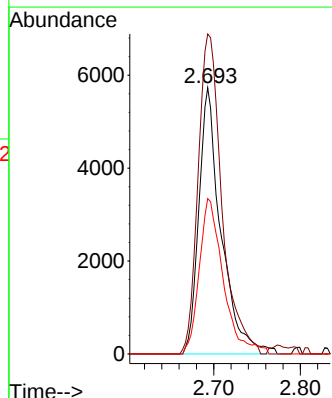
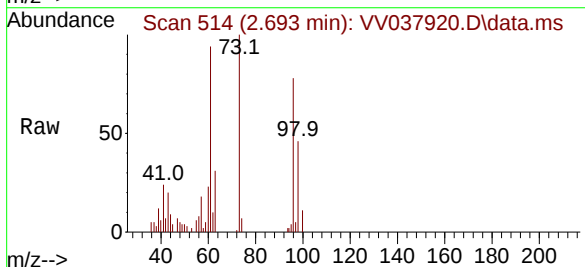
Tgt Ion: 96 Resp: 10218

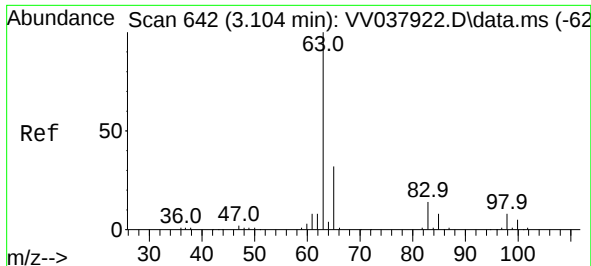
Ion Ratio Lower Upper

96 100

61 120.2 93.2 173.0

98 58.4 44.4 82.4





#19

1,1-Dichloroethane

Concen: 0.482 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

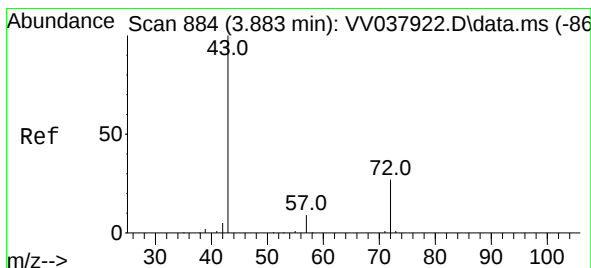
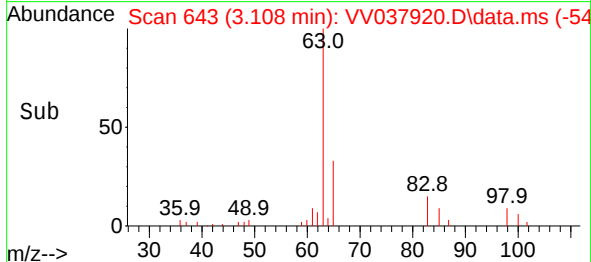
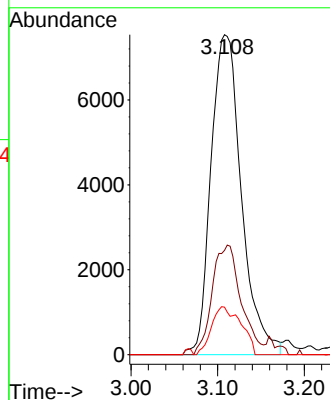
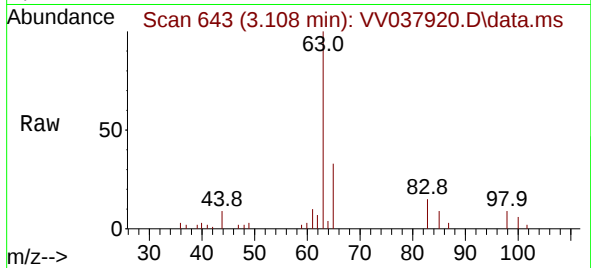
Tgt Ion: 63 Resp: 18421

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 14.8 9.5 17.7



#21

2-Butanone

Concen: 0.140 ug/L

RT: 3.953 min Scan# 906

Delta R.T. 0.071 min

Lab File: VV037920.D

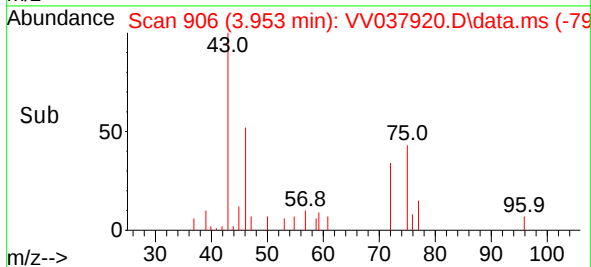
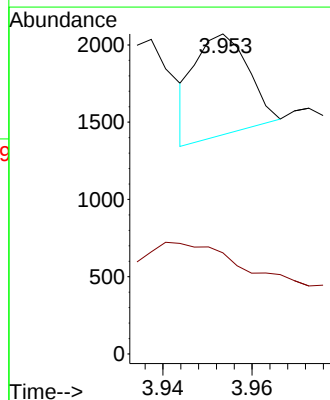
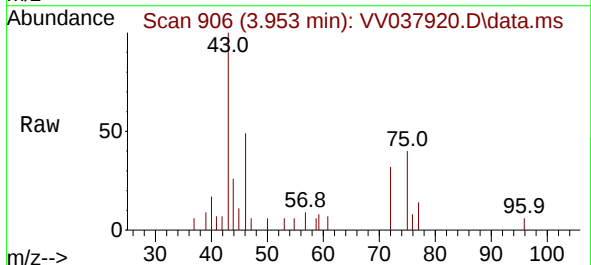
Acq: 06 Nov 2024 10:29

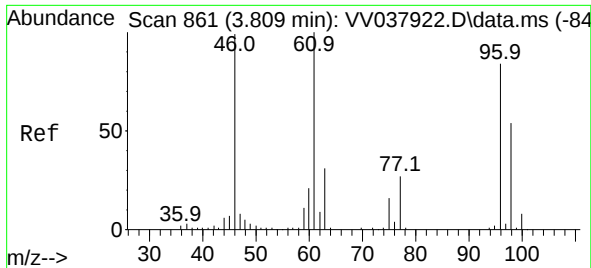
Tgt Ion: 43 Resp: 553

Ion Ratio Lower Upper

43 100

72 17.9 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 0.487 ug/L

RT: 3.825 min Scan# 861

Delta R.T. 0.016 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

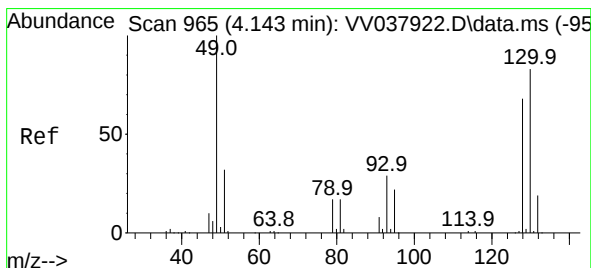
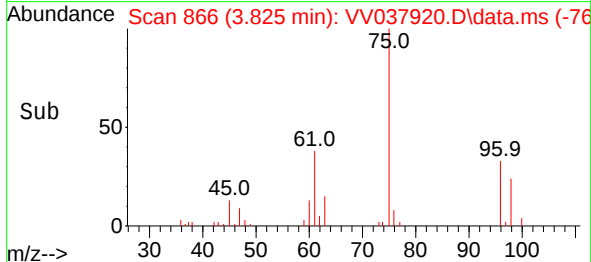
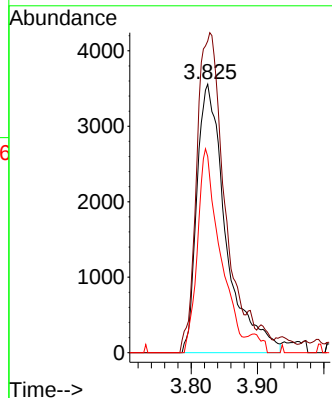
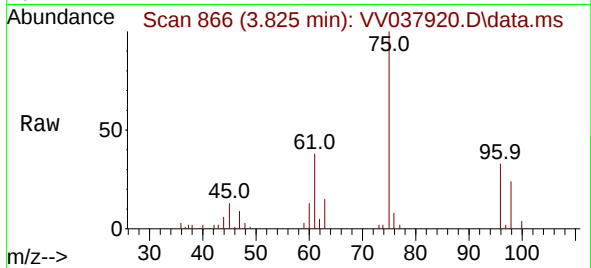
Tgt Ion: 96 Resp: 10798

Ion Ratio Lower Upper

96 100

61 116.1 83.4 154.8

98 73.1 44.6 82.8



#23

Bromochloromethane

Concen: 0.465 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.013 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Tgt Ion: 128 Resp: 4649

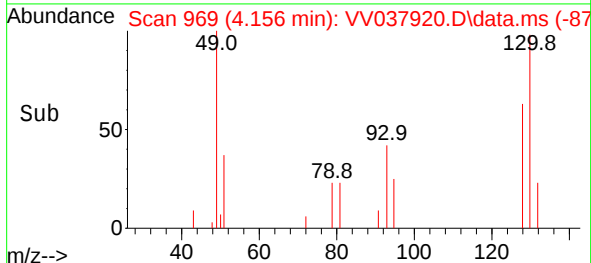
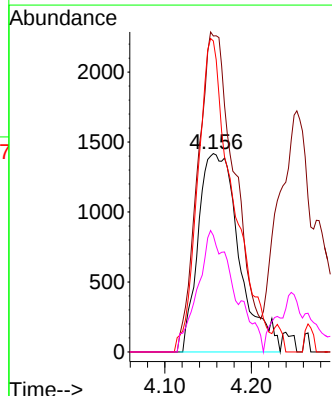
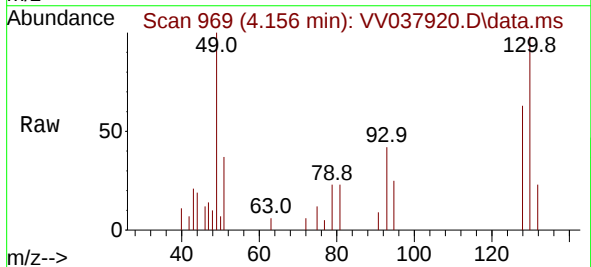
Ion Ratio Lower Upper

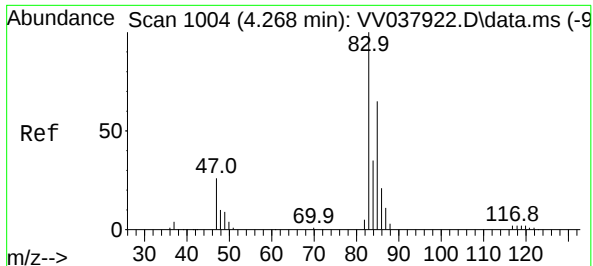
128 100

49 159.2 103.0 191.4

130 156.8 85.9 159.5

51 58.7 37.5 56.3#





#25

Chloroform

Concen: 0.496 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

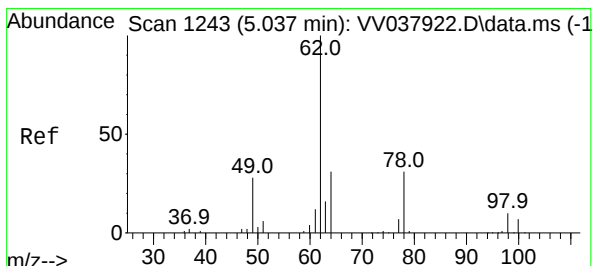
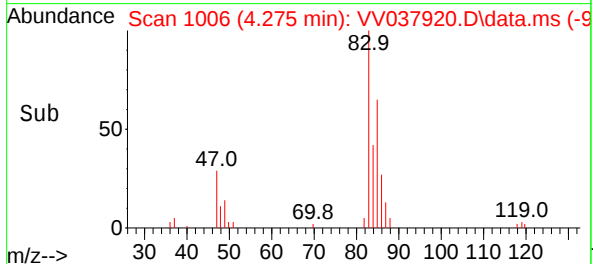
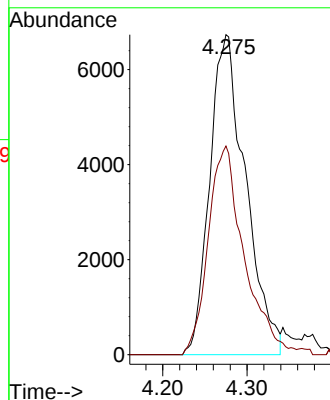
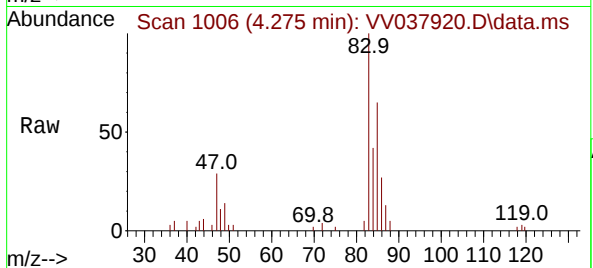
ClientSampleId :

Tgt Ion: 83 Resp: 19917

Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.468 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.023 min

Lab File: VV037920.D

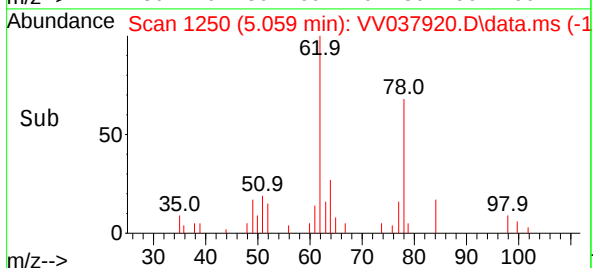
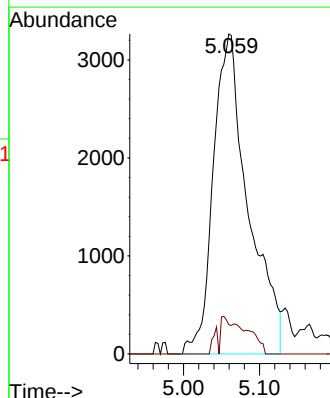
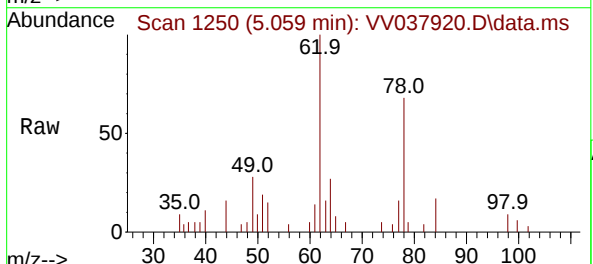
Acq: 06 Nov 2024 10:29

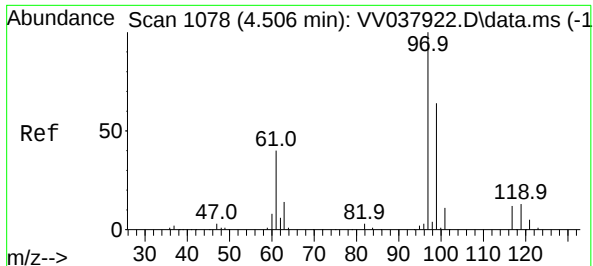
Tgt Ion: 62 Resp: 10406

Ion Ratio Lower Upper

62 100

98 9.1 8.1 12.1

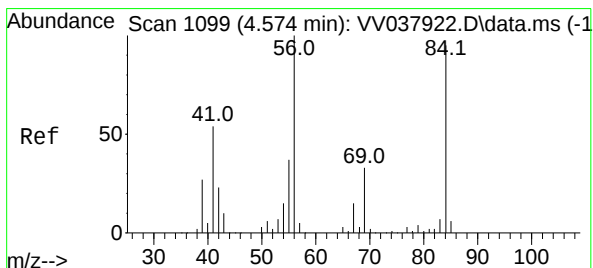
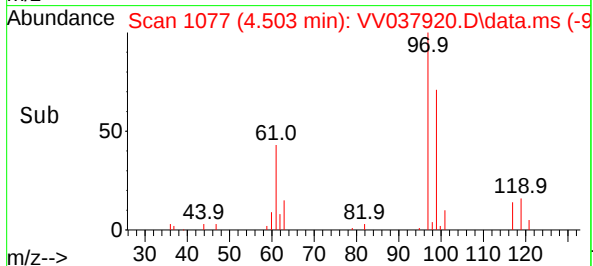
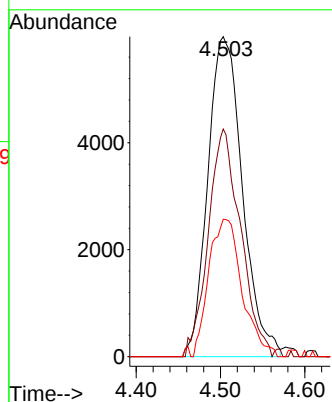
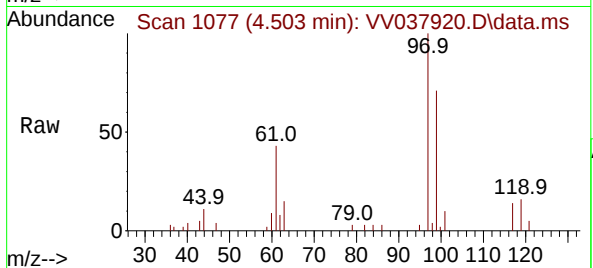




#29
1,1,1-Trichloroethane
Concen: 0.482 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

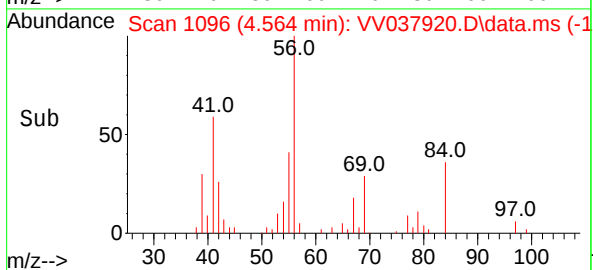
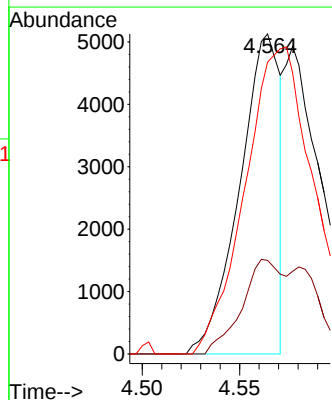
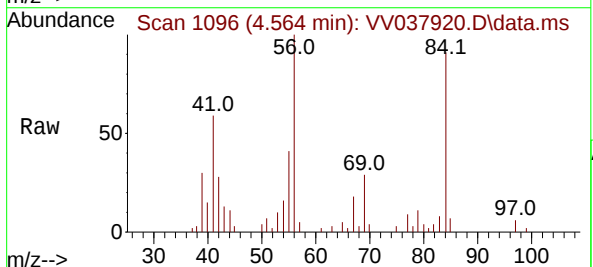
Instrument :
MSVOA_V
ClientSampleId :

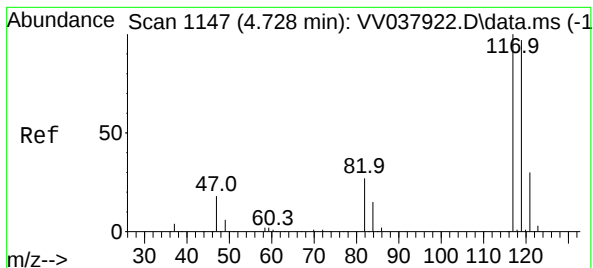
Tgt Ion: 97 Resp: 17087
Ion Ratio Lower Upper
97 100
99 66.3 52.1 78.1
61 41.3 33.3 49.9



#30
Cyclohexane
Concen: 0.234 ug/L
RT: 4.564 min Scan# 1096
Delta R.T. -0.009 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion: 56 Resp: 7346
Ion Ratio Lower Upper
56 100
69 30.8 25.5 38.3
84 168.9 75.2 112.8#





#31

Carbon tetrachloride

Concen: 0.483 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

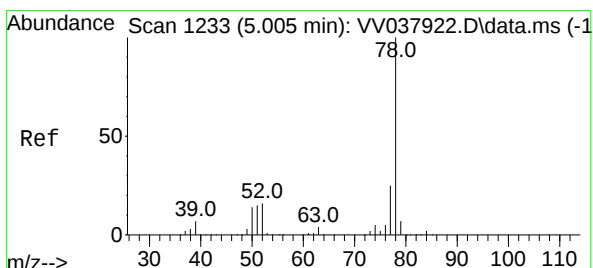
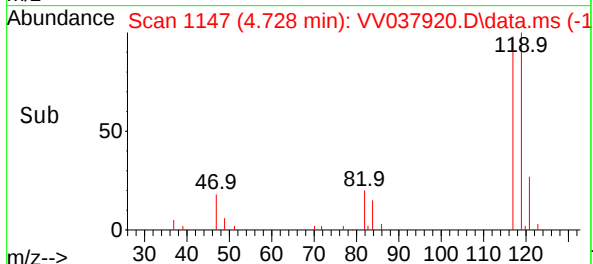
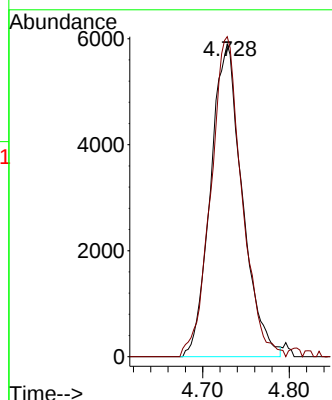
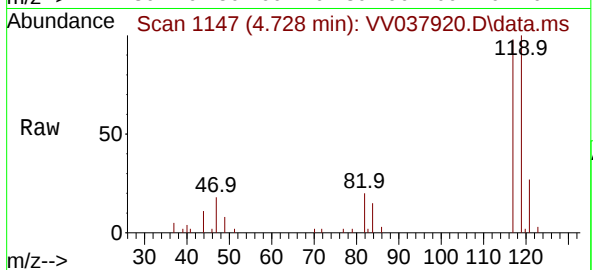
ClientSampleId :

Tgt Ion:117 Resp: 15037

Ion Ratio Lower Upper

117 100

119 100.0 77.2 115.8



#33

Benzene

Concen: 0.453 ug/L

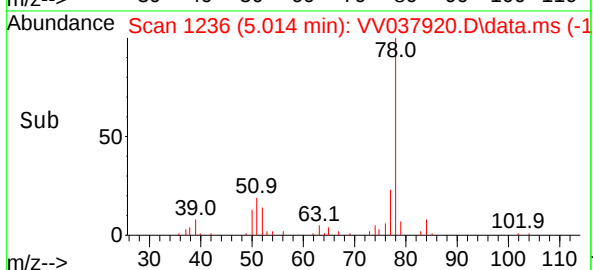
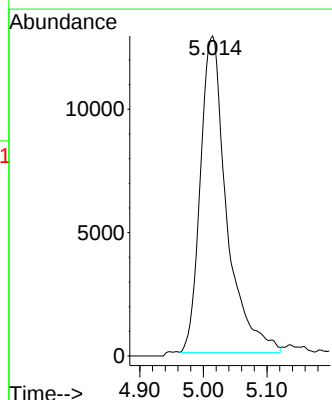
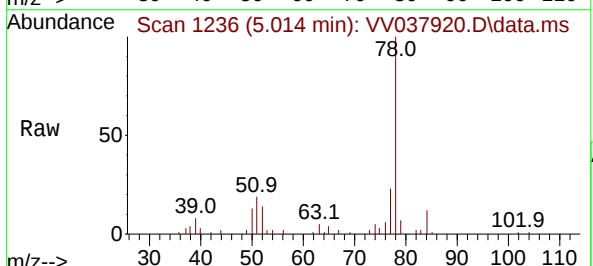
RT: 5.014 min Scan# 1236

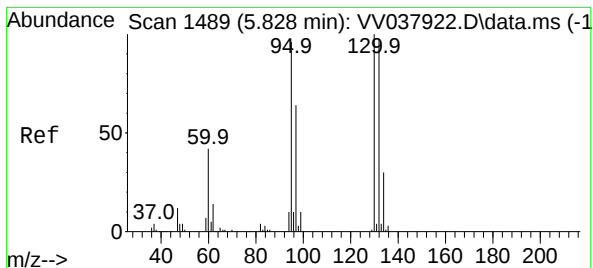
Delta R.T. 0.010 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Tgt Ion: 78 Resp: 36891





#34

Trichloroethene

Concen: 0.492 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 11097

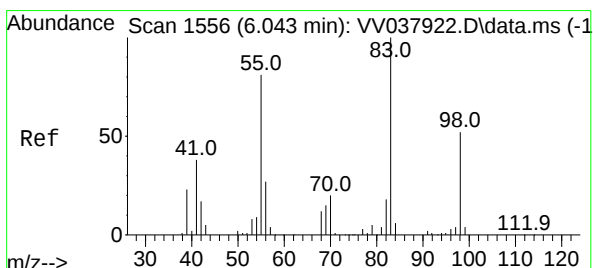
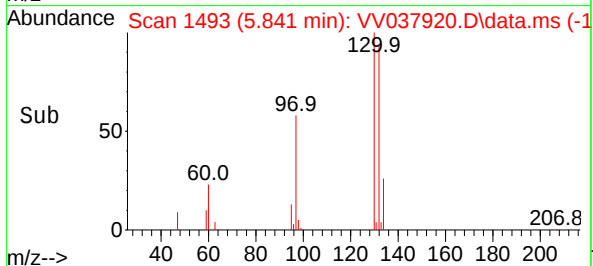
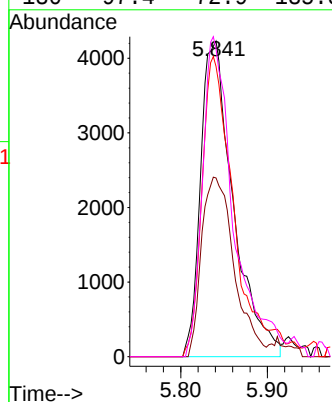
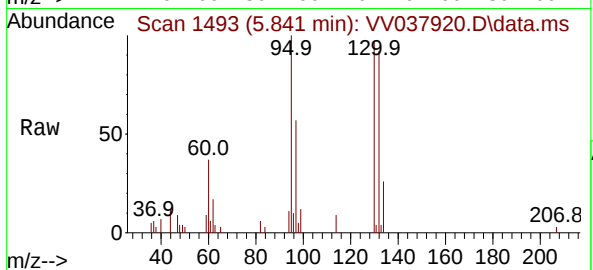
Ion Ratio Lower Upper

95 100

97 56.6 46.9 87.1

132 92.0 70.5 130.9

130 97.4 72.9 135.3



#35

Methylcyclohexane

Concen: 0.458 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

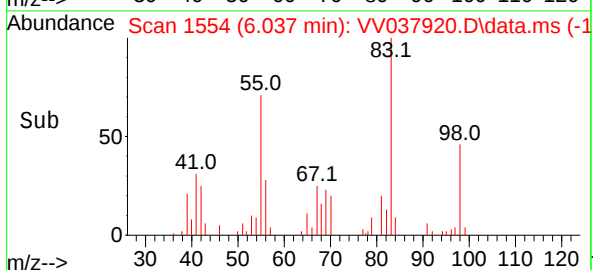
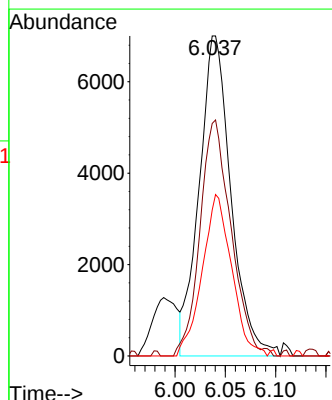
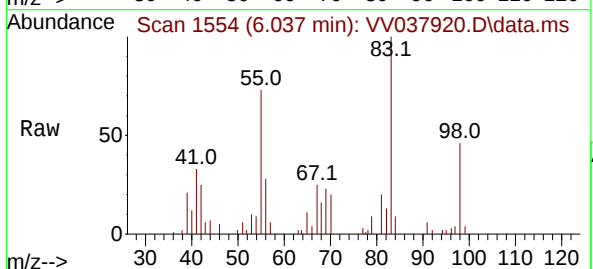
Tgt Ion: 83 Resp: 15413

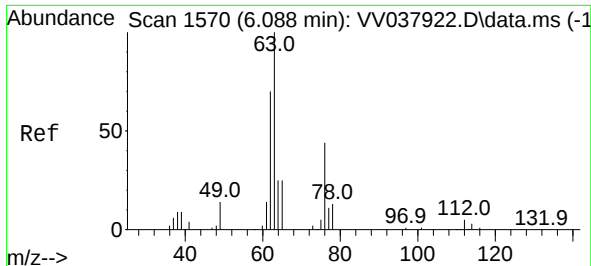
Ion Ratio Lower Upper

83 100

55 72.1 59.3 88.9

98 46.7 38.3 57.5

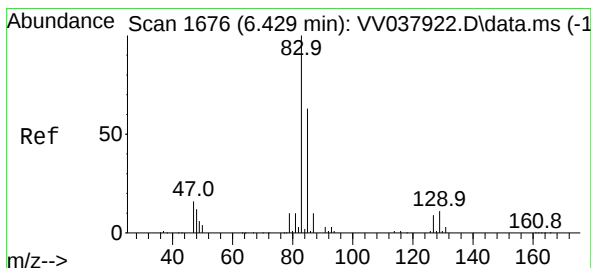
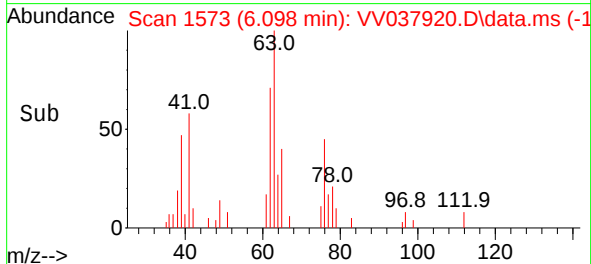
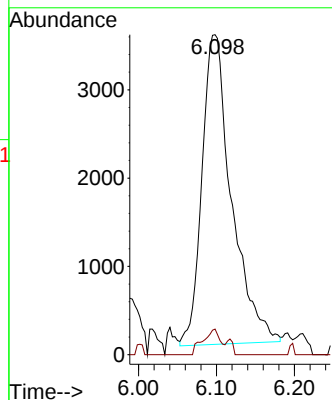
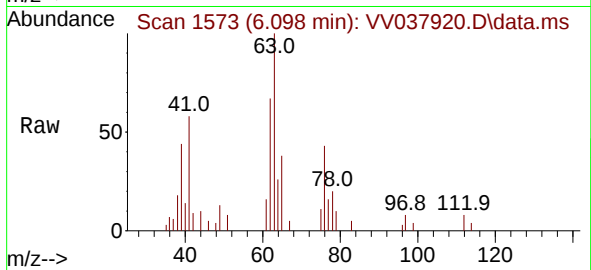




#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.098 min Scan# 1570
Delta R.T. 0.010 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

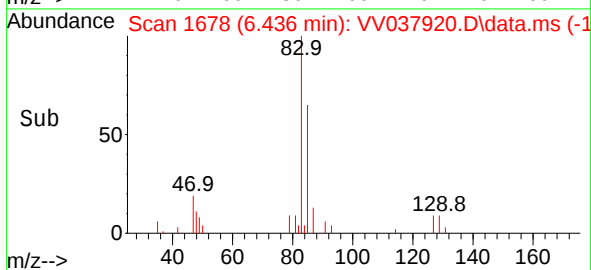
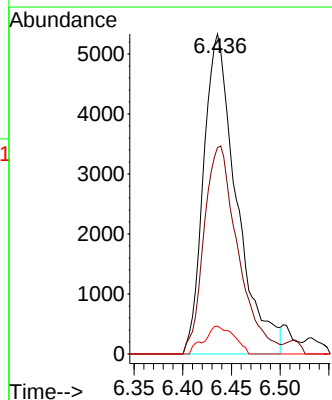
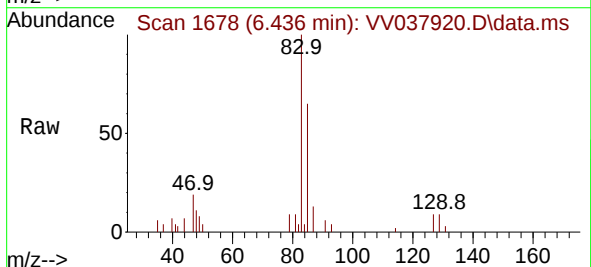
Instrument :
MSVOA_V
ClientSampleId :

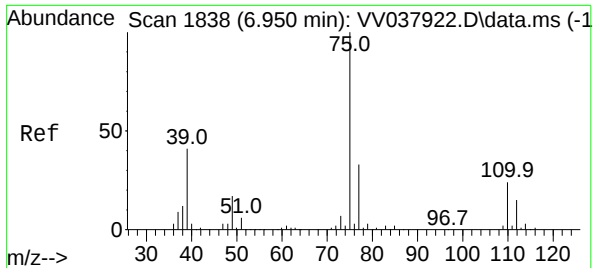
Tgt Ion: 63 Resp: 9269
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1



#38
Bromodichloromethane
Concen: 0.464 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.007 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion: 83 Resp: 12545
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2
127 8.7 6.8 10.2

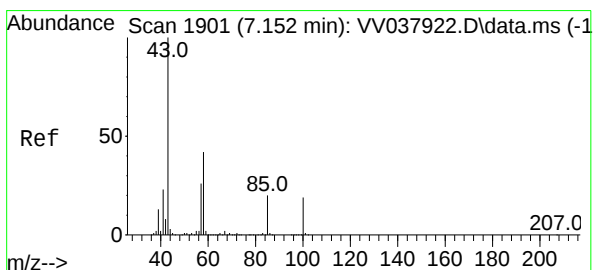
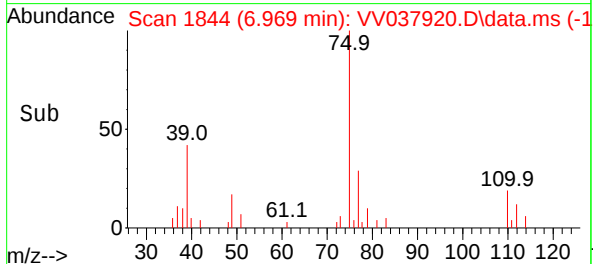
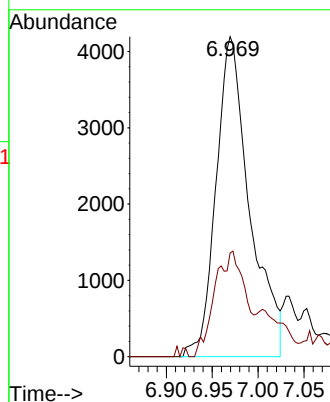
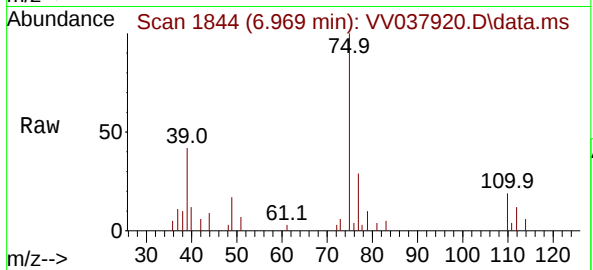




#39
 cis-1,3-Dichloropropene
 Concen: 0.370 ug/L
 RT: 6.969 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

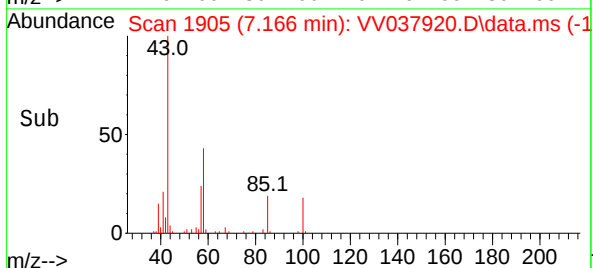
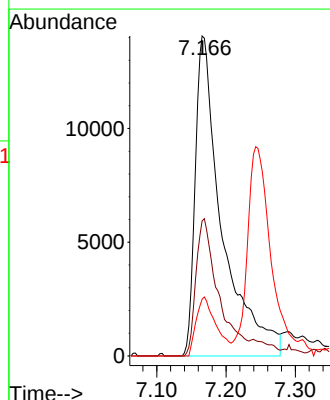
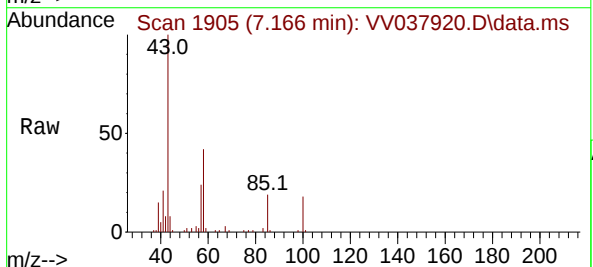
Instrument :
 MSVOA_V
 ClientSampleId :

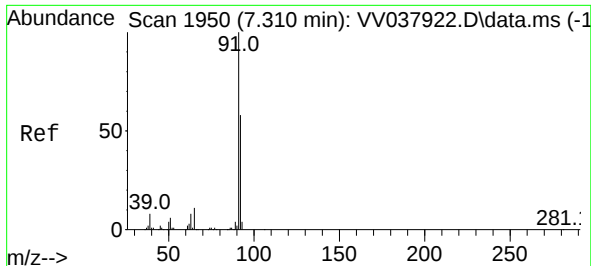
Tgt Ion: 75 Resp: 10698
 Ion Ratio Lower Upper
 75 100
 77 32.4 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 3.760 ug/L
 RT: 7.166 min Scan# 1905
 Delta R.T. 0.013 min
 Lab File: VV037920.D
 Acq: 06 Nov 2024 10:29

Tgt Ion: 43 Resp: 37769
 Ion Ratio Lower Upper
 43 100
 58 36.2 32.6 49.0
 100 13.9 13.8 20.8





#42

Toluene

Concen: 0.421 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

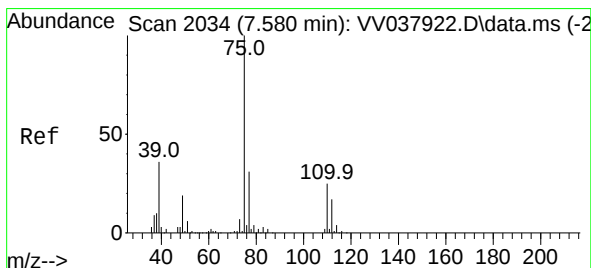
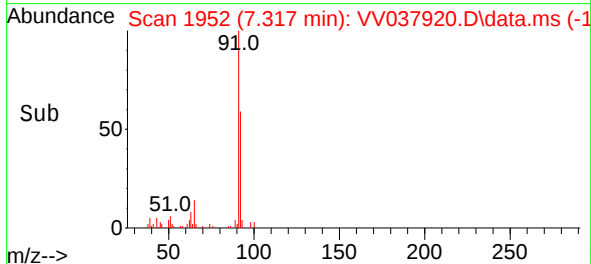
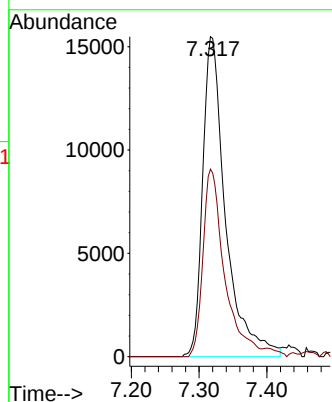
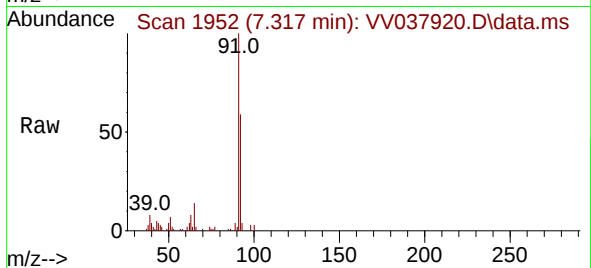
ClientSampleId :

Tgt Ion: 91 Resp: 36282

Ion Ratio Lower Upper

91 100

92 58.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.393 ug/L

RT: 7.600 min Scan# 2040

Delta R.T. 0.019 min

Lab File: VV037920.D

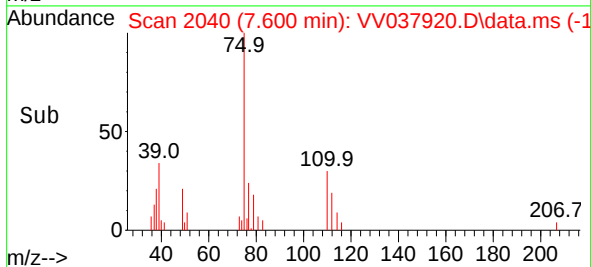
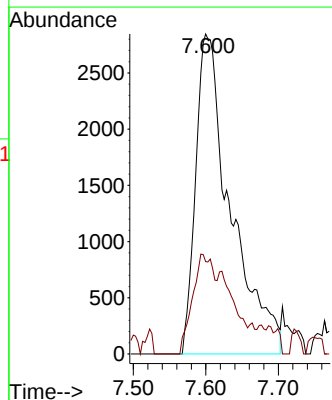
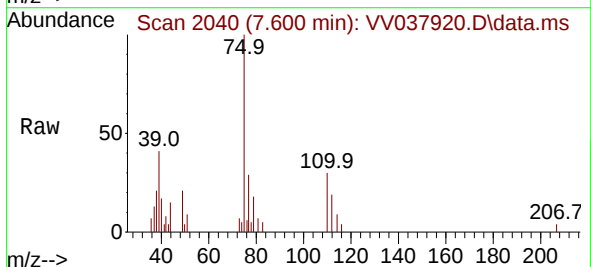
Acq: 06 Nov 2024 10:29

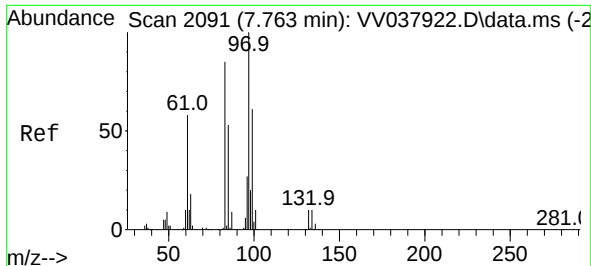
Tgt Ion: 75 Resp: 9477

Ion Ratio Lower Upper

75 100

77 28.9 21.8 40.6

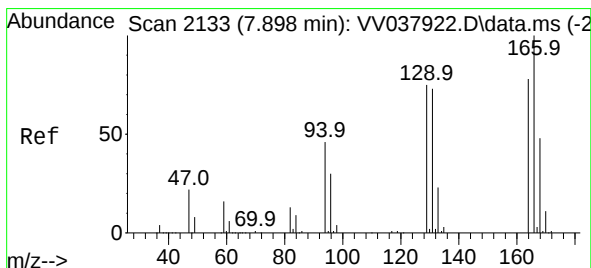
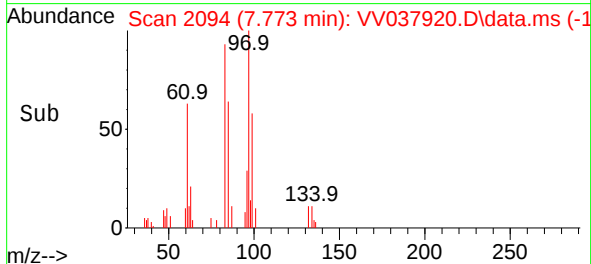
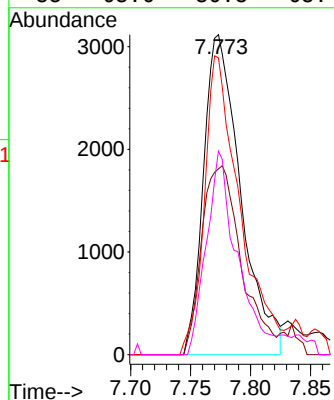
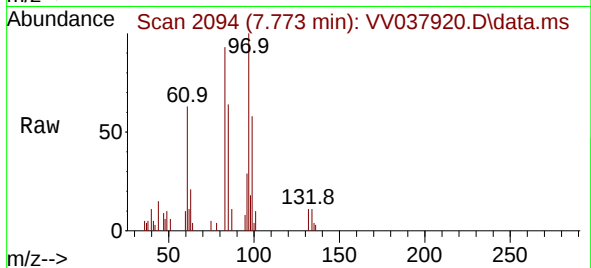




#45
1,1,2-Trichloroethane
Concen: 0.430 ug/L
RT: 7.773 min Scan# 2091
Delta R.T. 0.010 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

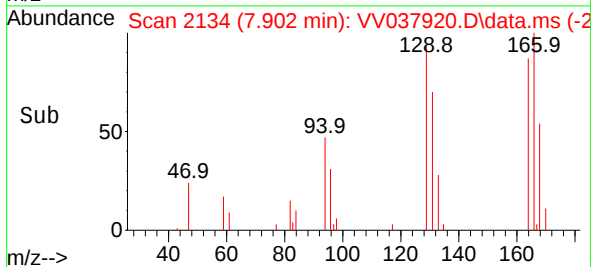
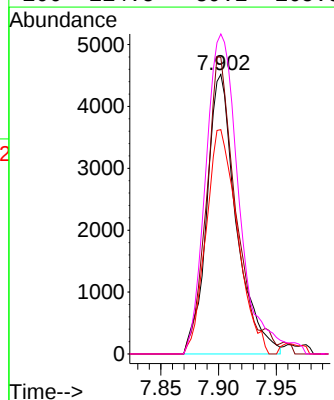
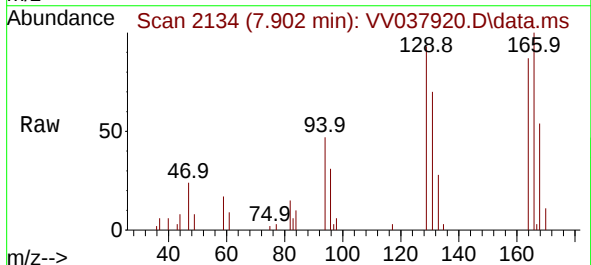
Instrument :
MSVOA_V
ClientSampleId :

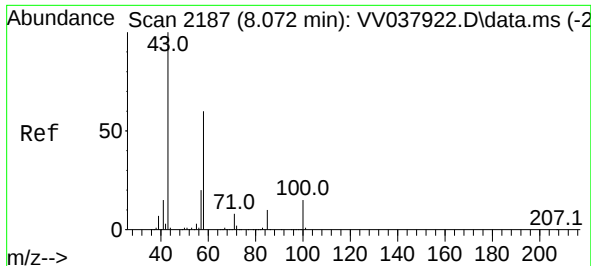
Tgt Ion: 97	Resp: 6712
Ion Ratio	Lower Upper
97 100	
99 58.0	42.4 78.8
83 92.7	59.3 110.1
85 63.6	36.8 68.4



#47
Tetrachloroethene
Concen: 0.457 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion:164	Resp: 8020		
Ion	Ratio	Lower	Upper
164	100		
129	106.2	66.8	124.2
131	80.2	65.2	121.2
166	114.5	89.2	165.8

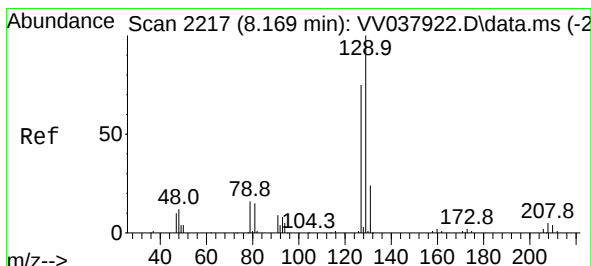
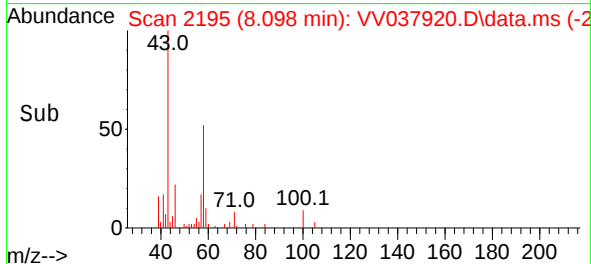
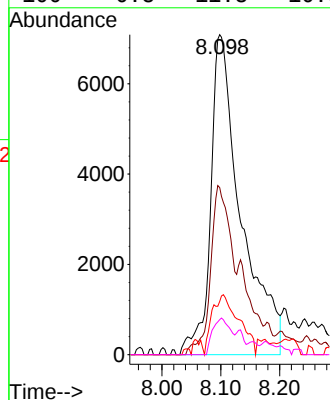
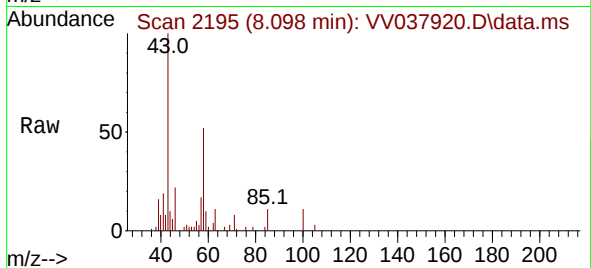




#48
2-Hexanone
Concen: 3.634 ug/L
RT: 8.098 min Scan# 2187
Delta R.T. 0.026 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

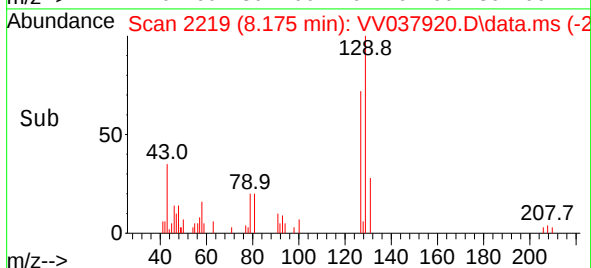
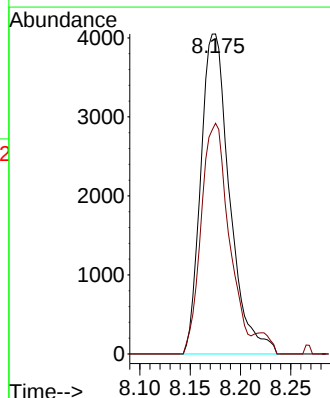
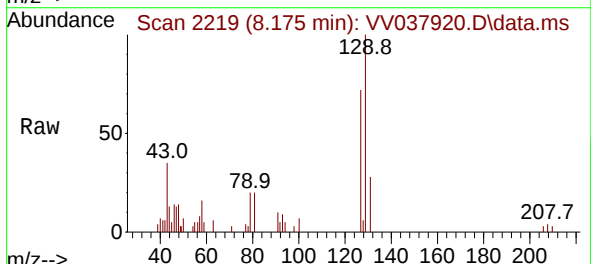
Instrument :
MSVOA_V
ClientSampleId :

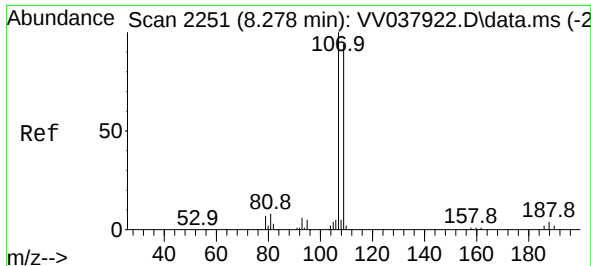
Tgt Ion: 43	Resp: 25429
Ion Ratio	Lower Upper
43 100	
58 35.7	48.5 72.7#
57 16.5	16.3 24.5
100 6.8	11.3 16.9#



#49
Dibromochloromethane
Concen: 0.459 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.007 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion:129	Resp: 8085		
Ion Ratio	Lower	Upper	
129 100			
127 72.1	52.2	97.0	





#50

1,2-Dibromoethane

Concen: 0.436 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.010 min

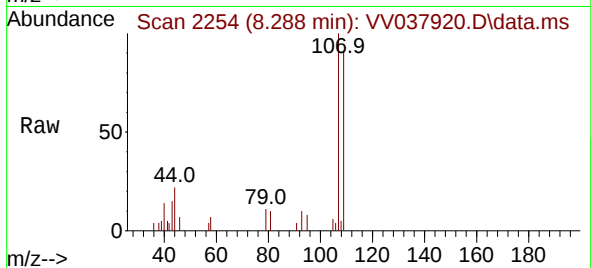
Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :



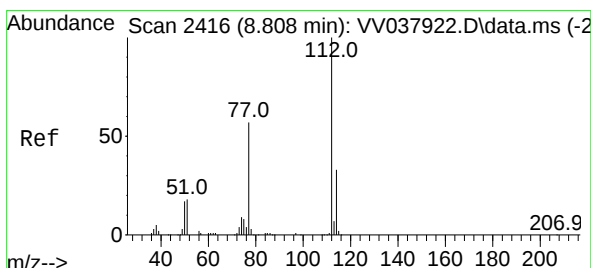
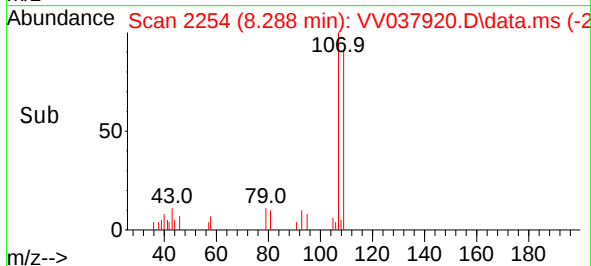
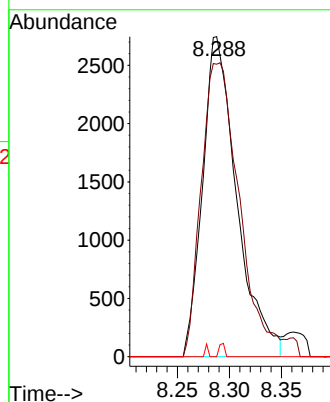
Tgt Ion:107 Resp: 6278

Ion Ratio Lower Upper

107 100

109 91.4 65.8 122.2

188 0.0 3.0 4.6#



#51

Chlorobenzene

Concen: 0.468 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

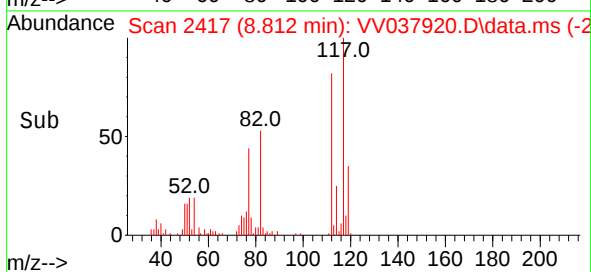
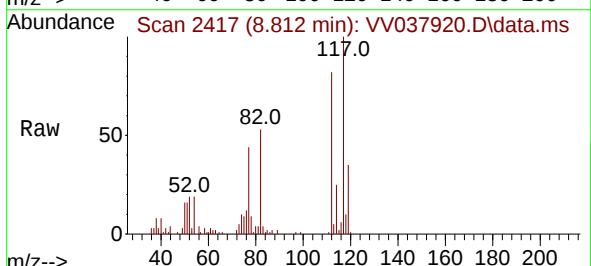
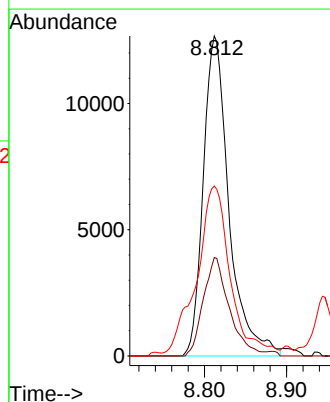
Tgt Ion:112 Resp: 27584

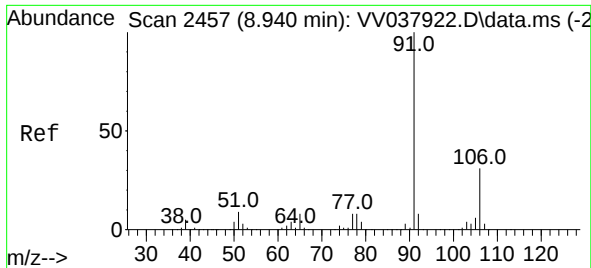
Ion Ratio Lower Upper

112 100

114 30.8 23.0 42.6

77 53.1 45.9 68.9

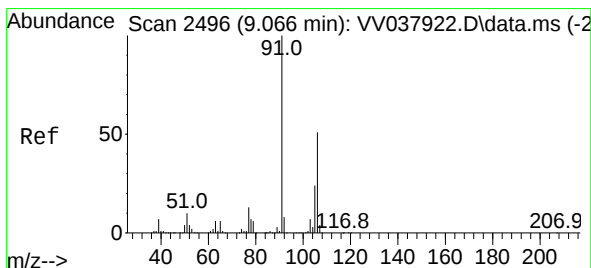
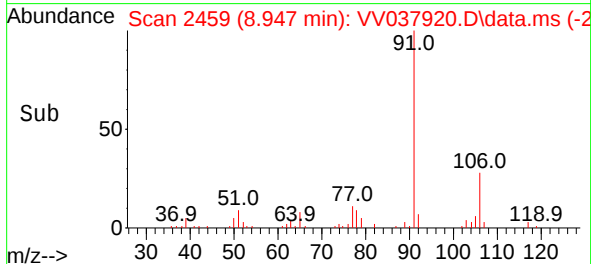
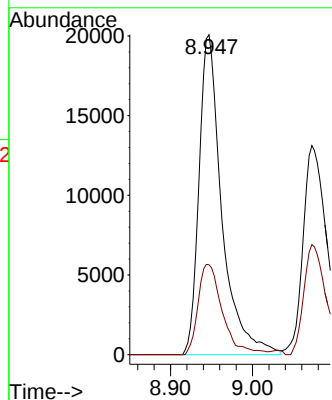
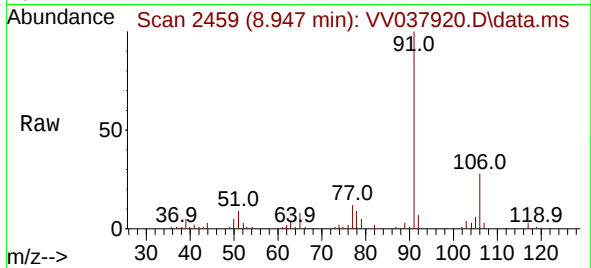




#52
Ethylbenzene
Concen: 0.417 ug/L
RT: 8.947 min Scan# 2457
Delta R.T. 0.007 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

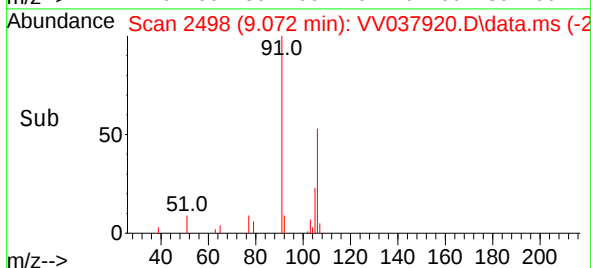
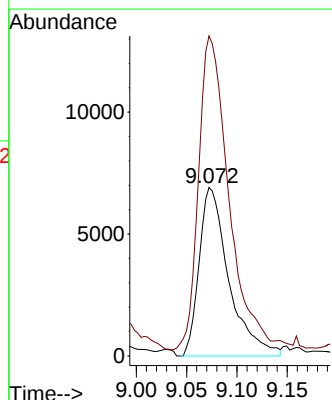
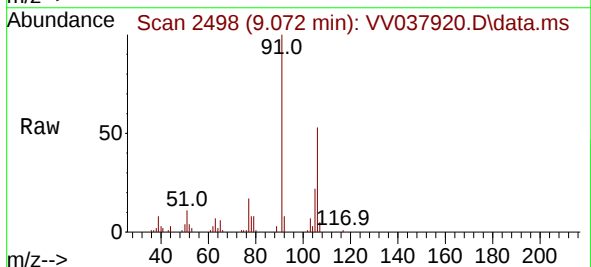
Instrument :
MSVOA_V
ClientSampleId :

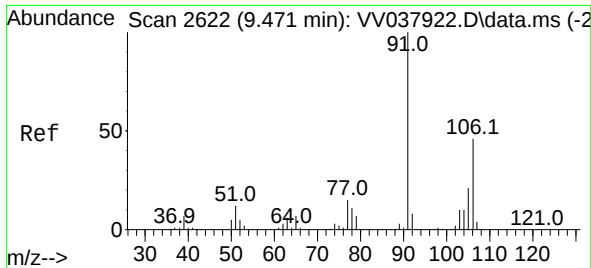
Tgt Ion: 91 Resp: 38744
Ion Ratio Lower Upper
91 100
106 28.1 21.8 40.4



#53
m,p-Xylene
Concen: 0.401 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.007 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion: 106 Resp: 14199
Ion Ratio Lower Upper
106 100
91 189.9 139.0 258.2

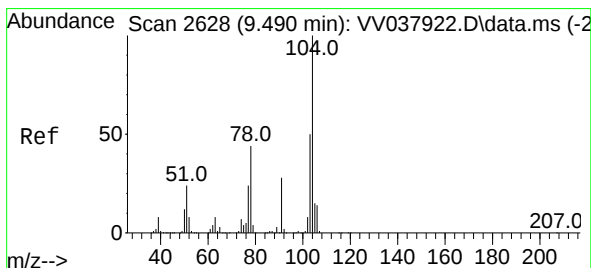
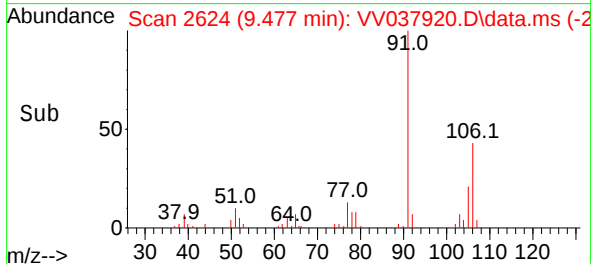
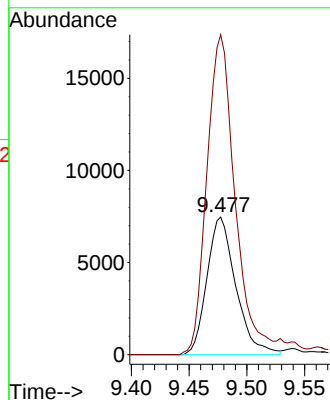
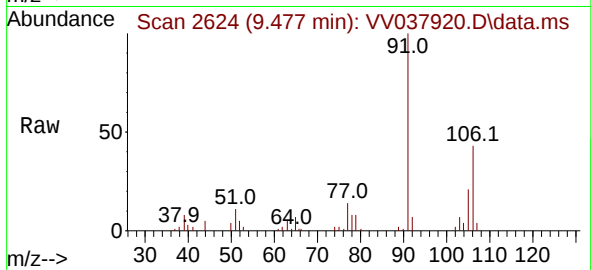




#54
o-Xylene
Concen: 0.385 ug/L
RT: 9.477 min Scan# 2622
Delta R.T. 0.007 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

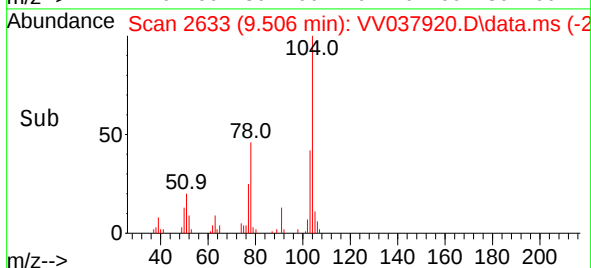
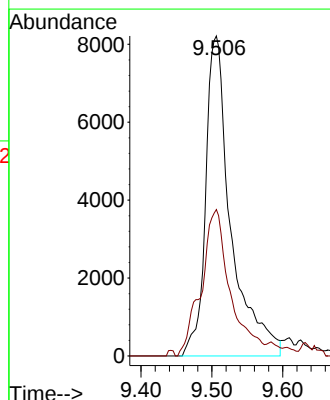
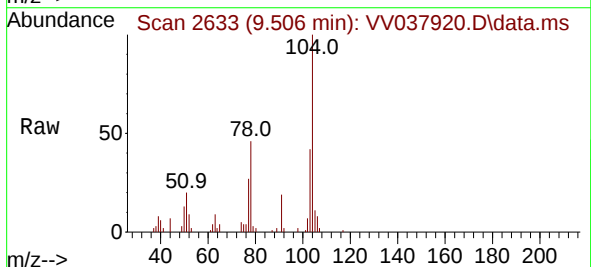
Instrument :
MSVOA_V
ClientSampleId :

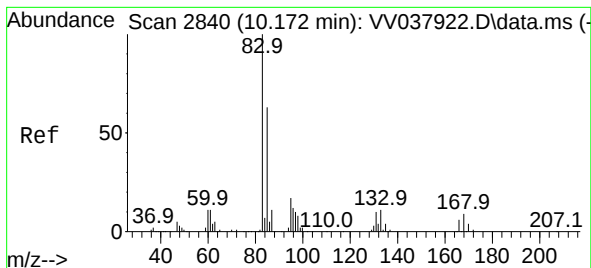
Tgt Ion:106 Resp: 12992
Ion Ratio Lower Upper
106 100
91 232.6 152.0 282.2



#55
Styrene
Concen: 0.357 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.016 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion:104 Resp: 20361
Ion Ratio Lower Upper
104 100
78 45.8 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.457 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

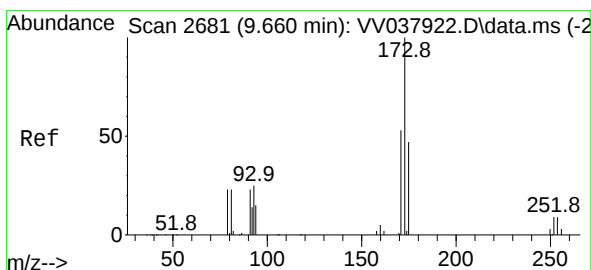
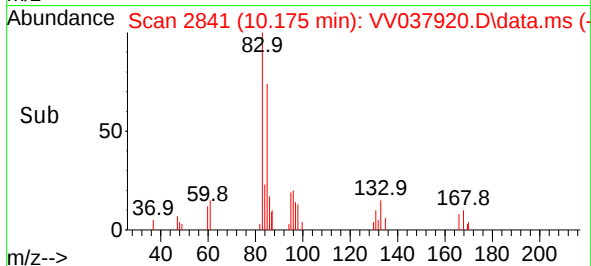
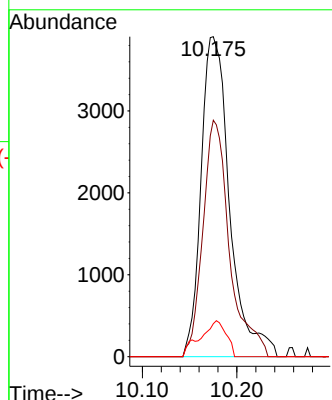
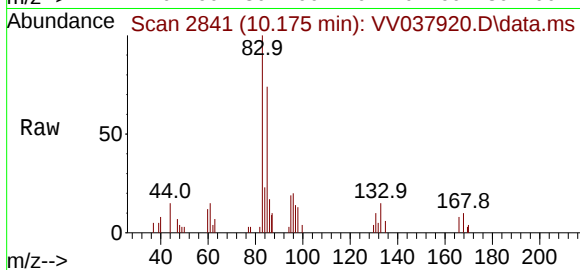
Tgt Ion: 83 Resp: 8187

Ion Ratio Lower Upper

83 100

85 73.9 44.2 82.2

131 10.3 7.9 11.9



#59

Bromoform

Concen: 0.475 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.007 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

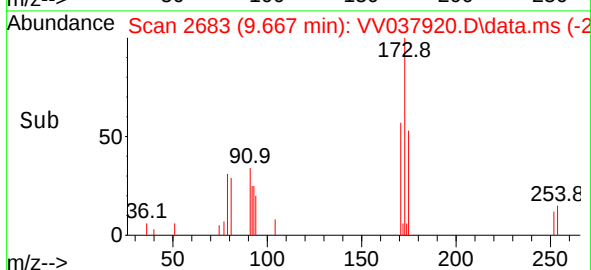
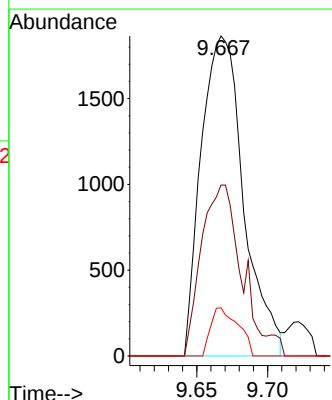
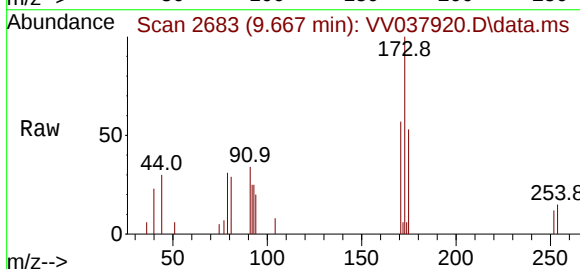
Tgt Ion: 173 Resp: 3889

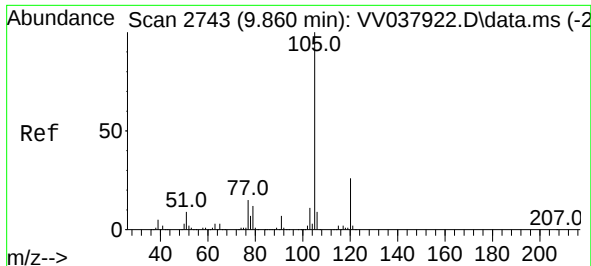
Ion Ratio Lower Upper

173 100

175 51.0 38.0 57.0

254 9.7 6.9 10.3

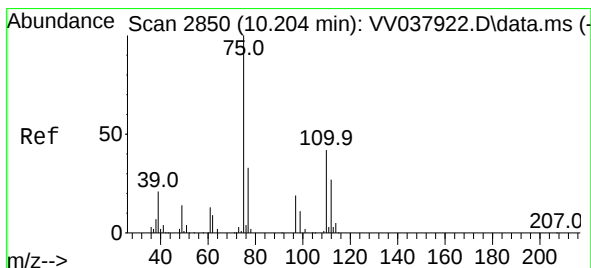
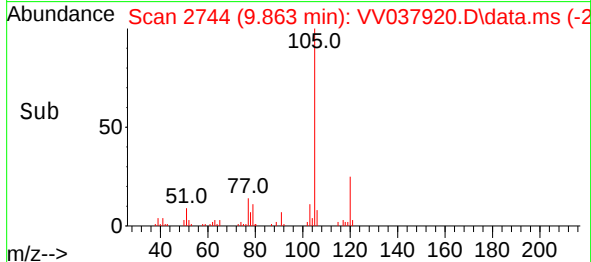
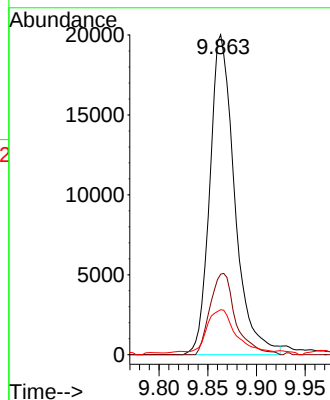
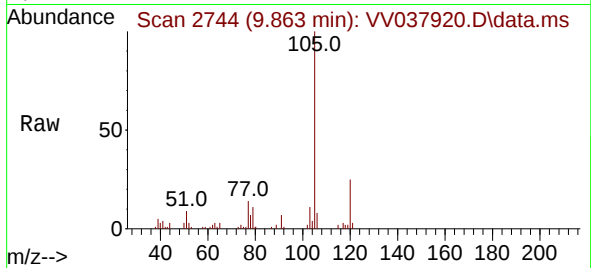




#60
Isopropylbenzene
Concen: 0.434 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

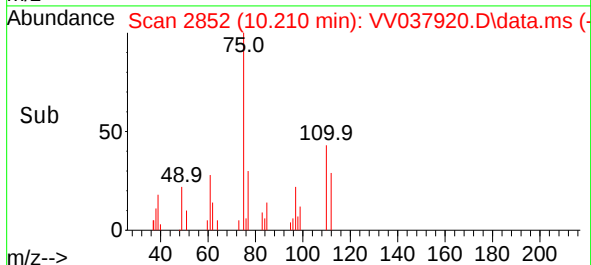
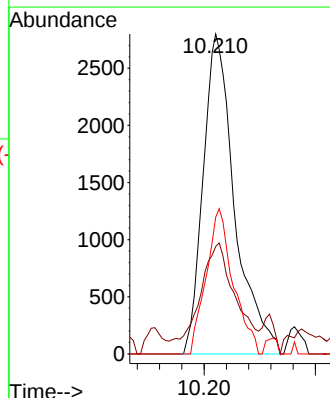
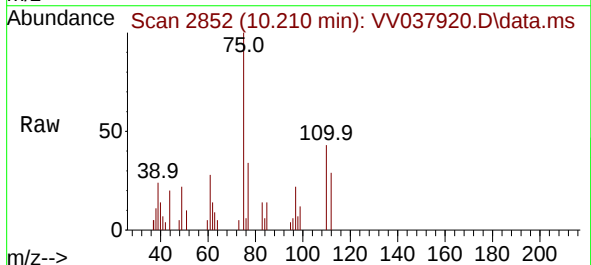
Instrument :
MSVOA_V
ClientSampleId :

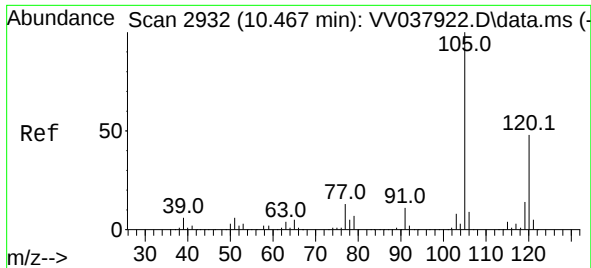
Tgt Ion:	105	Resp:	35517
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.0	31.4
77	15.1	12.2	18.2



#61
1,2,3-Trichloropropane
Concen: 0.501 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.007 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion:	75	Resp:	5500
Ion Ratio	Lower	Upper	
75	100		
77	36.6	24.9	37.3
110	38.8	33.5	50.3





#62

1,3,5-Trimethylbenzene

Concen: 0.416 ug/L

RT: 10.474 min Scan# 2932

Delta R.T. 0.007 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

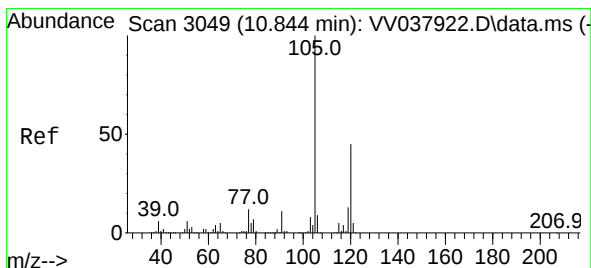
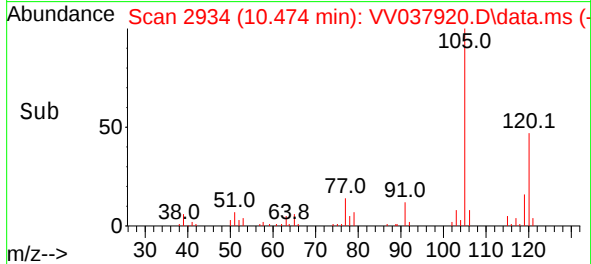
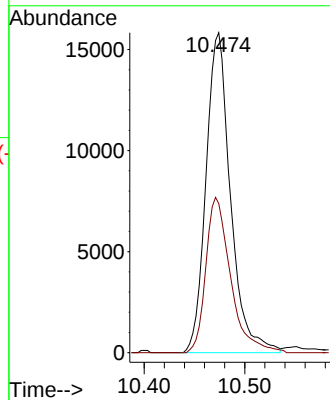
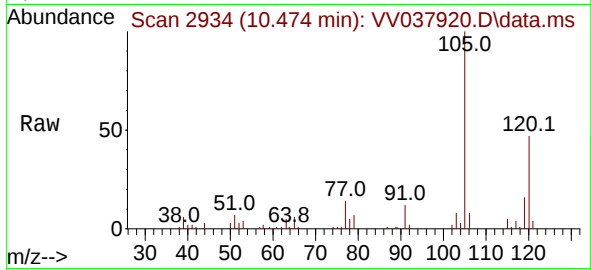
ClientSampleId :

Tgt Ion:105 Resp: 26792

Ion Ratio Lower Upper

105 100

120 49.1 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 0.392 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VV037920.D

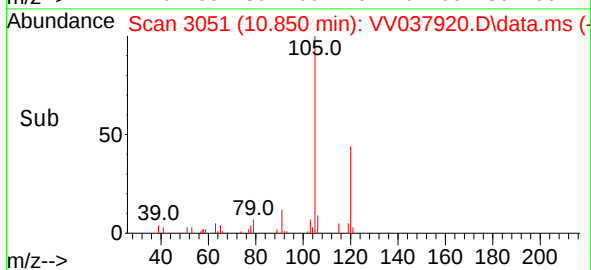
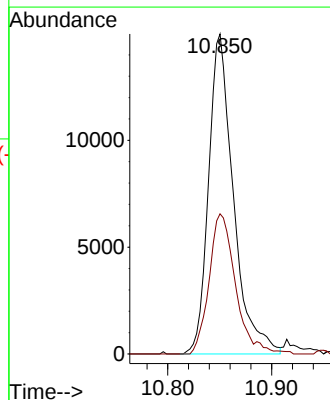
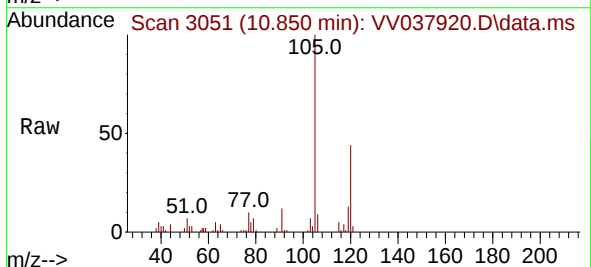
Acq: 06 Nov 2024 10:29

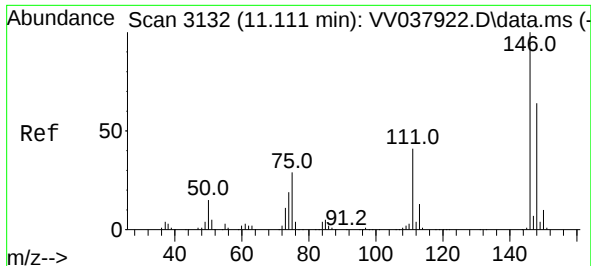
Tgt Ion:105 Resp: 24865

Ion Ratio Lower Upper

105 100

120 46.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 0.461 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.010 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

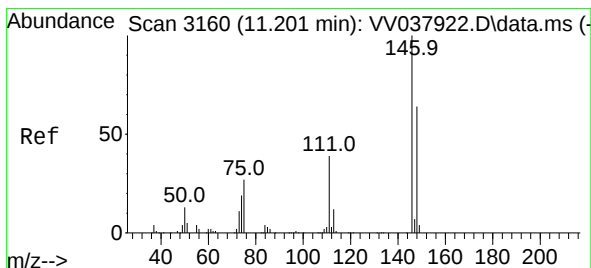
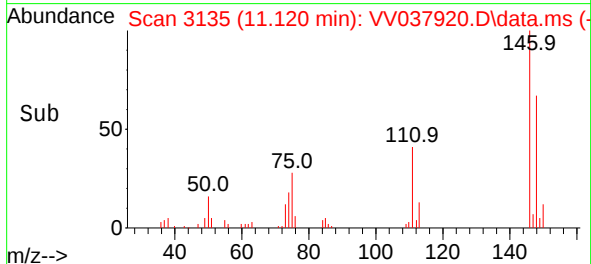
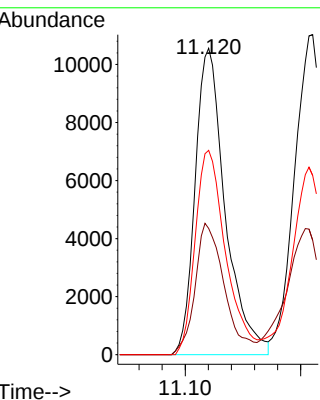
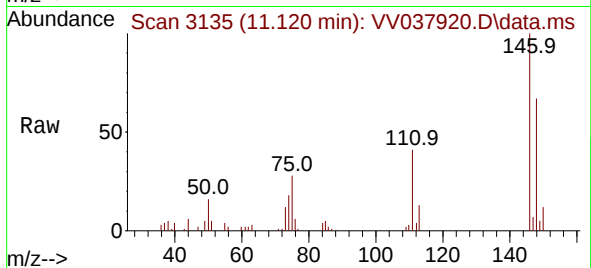
Tgt Ion:146 Resp: 19104

Ion Ratio Lower Upper

146 100

111 41.2 28.7 53.3

148 66.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 0.504 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.010 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

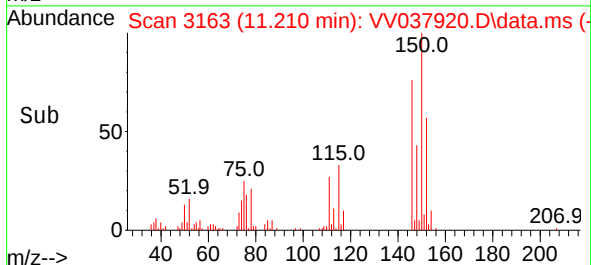
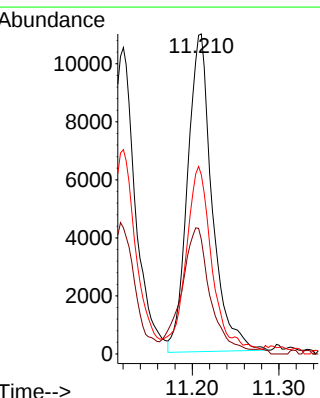
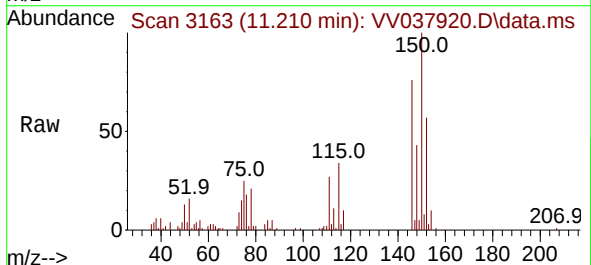
Tgt Ion:146 Resp: 21581

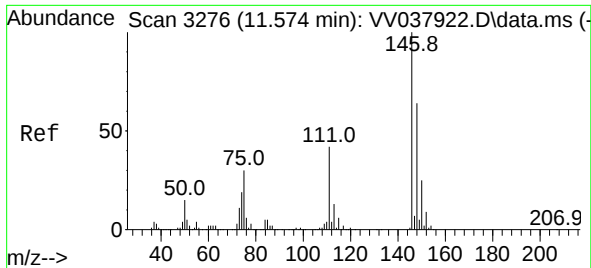
Ion Ratio Lower Upper

146 100

111 35.8 27.6 51.2

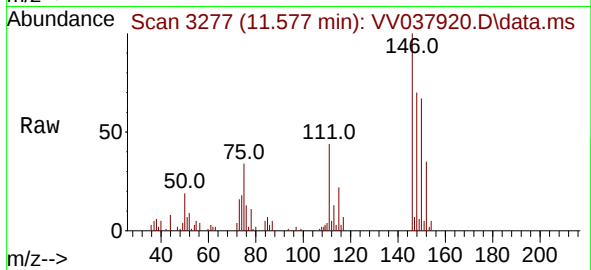
148 56.0 44.4 82.4



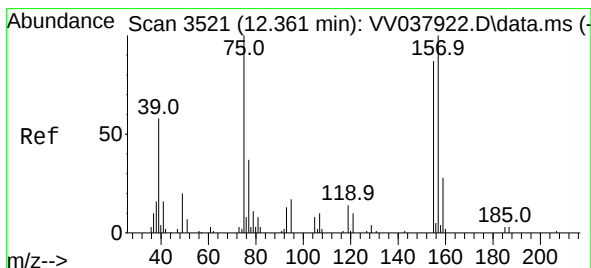
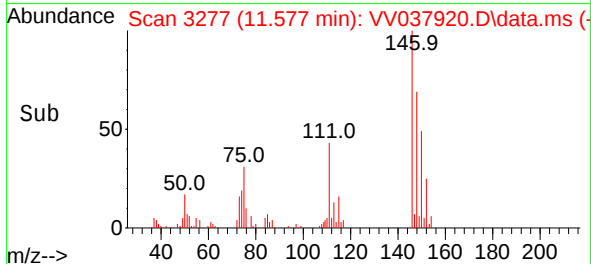
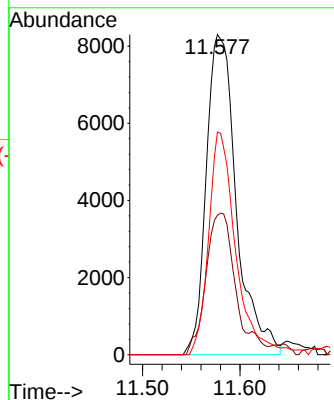


#67
1,2-Dichlorobenzene
Concen: 0.465 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Instrument :
MSVOA_V
ClientSampleId :

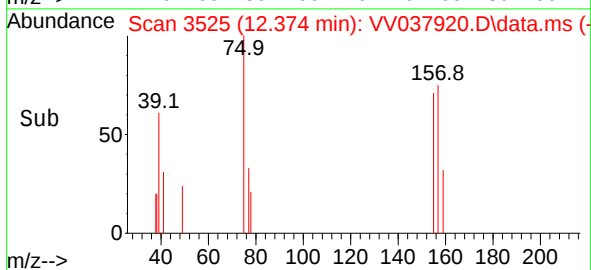
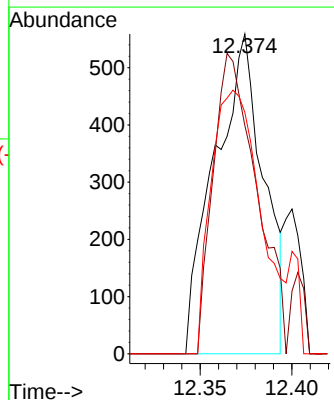
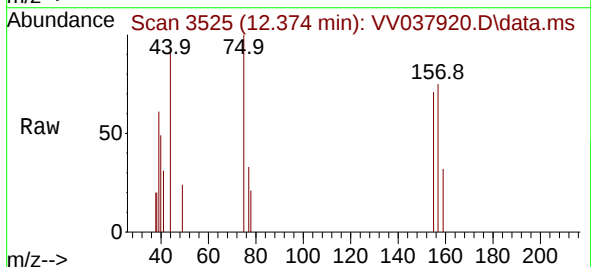


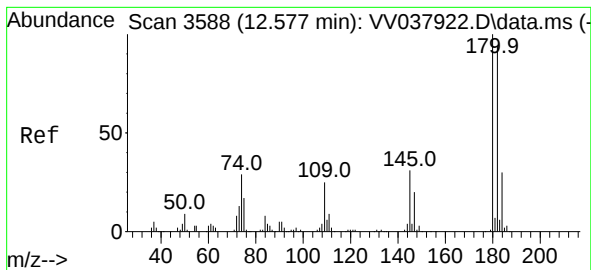
Tgt Ion:146 Resp: 17833
Ion Ratio Lower Upper
146 100
111 43.6 33.9 50.9
148 69.6 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.435 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.013 min
Lab File: VV037920.D
Acq: 06 Nov 2024 10:29

Tgt Ion: 75 Resp: 1038
Ion Ratio Lower Upper
75 100
155 71.4 70.2 105.2
157 75.5 80.2 120.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.470 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.007 min

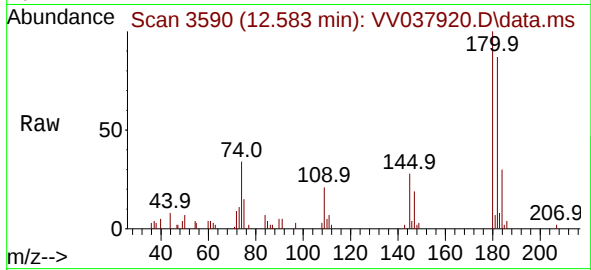
Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 13753

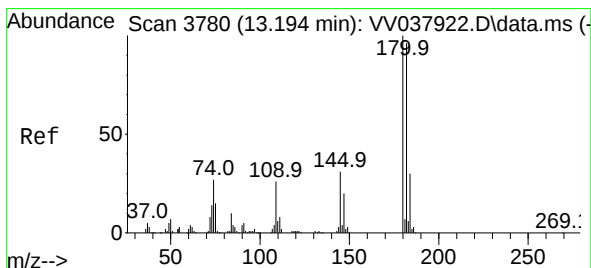
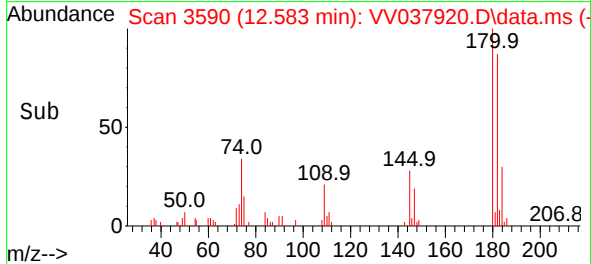
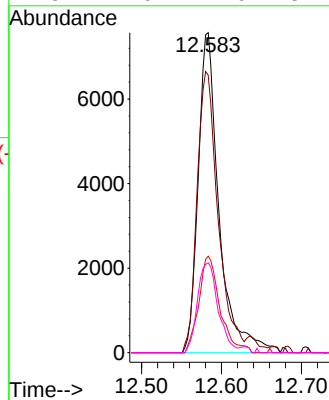
Ion Ratio Lower Upper

180 100

182 87.9 76.2 114.4

184 30.7 24.1 36.1

145 27.9 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 0.411 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

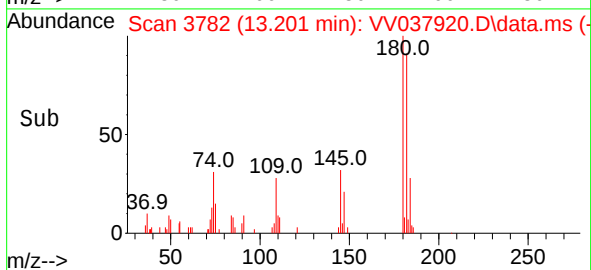
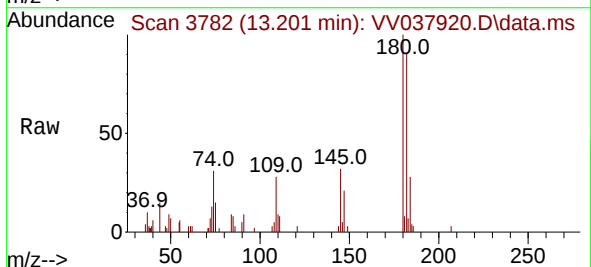
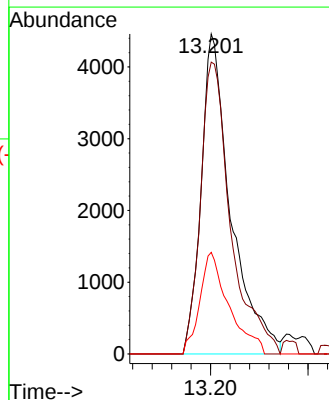
Tgt Ion:180 Resp: 9432

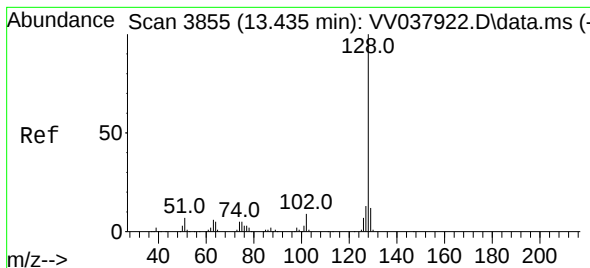
Ion Ratio Lower Upper

180 100

182 92.6 74.8 112.2

145 31.1 25.4 38.0





#71

Naphthalene

Concen: 0.245 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

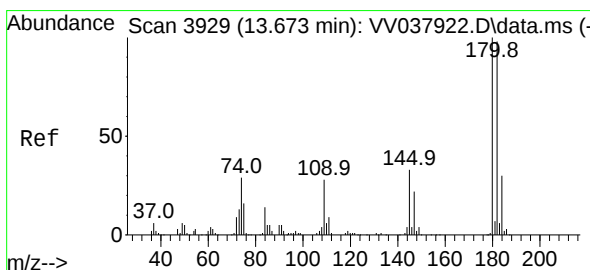
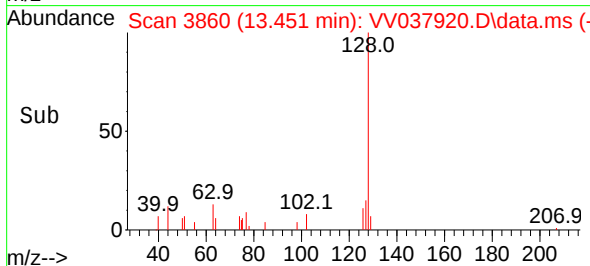
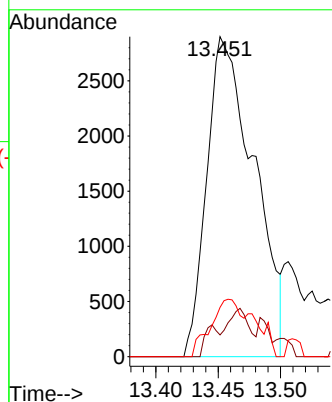
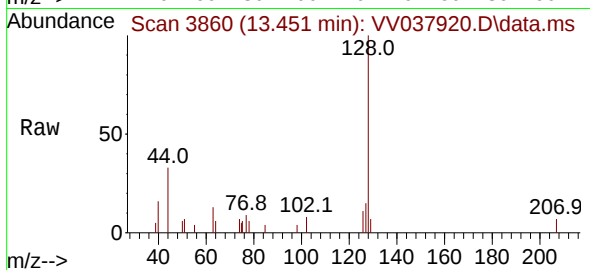
Tgt Ion:128 Resp: 7619

Ion Ratio Lower Upper

128 100

129 2.9 8.3 12.5#

127 11.6 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 0.394 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.010 min

Lab File: VV037920.D

Acq: 06 Nov 2024 10:29

Tgt Ion:180 Resp: 7793

Ion Ratio Lower Upper

180 100

182 90.1 79.4 119.0

145 32.5 26.6 40.0

