

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
 Data File : VV037269.D
 Acq On : 12 Sep 2024 15:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 13 00:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 00:43:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	719305	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	686531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	350792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	257000	39.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.120%
7) Chloroethane-d5	1.532	69	211353	41.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.120%
11) 1,1-Dichloroethene-d2	2.060	65	115282	41.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.360%
21) 2-Butanone-d5	3.793	46	214980	84.370	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.370%
24) Chloroform-d	4.243	84	488648	47.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
26) 1,2-Dichloroethane-d4	4.937	65	295156	45.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
32) Benzene-d6	4.953	84	935626	45.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.240%
36) 1,2-Dichloropropane-d6	5.986	67	292940	45.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	7.236	98	853634	45.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.220%
43) trans-1,3-Dichloroprop...	7.548	79	147244	49.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.000%
47) 2-Hexanone-d5	8.021	63	181407	102.343	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	353040	44.820	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.640%
66) 1,2-Dichlorobenzene-d4	11.554	152	316928	45.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	291055	47.883	ug/L	100
3) Chloromethane	1.217	50	293804	42.979	ug/L	98
5) Vinyl chloride	1.282	62	305591	47.619	ug/L	100
6) Bromomethane	1.487	94	183499	51.030	ug/L	100
8) Chloroethane	1.548	64	191013	48.662	ug/L	98
9) Trichlorofluoromethane	1.712	101	421365	50.315	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	248380	49.865	ug/L	99
12) 1,1-Dichloroethene	2.069	96	232684	49.583	ug/L	97
13) Acetone	2.111	43	210848	77.156	ug/L	100
14) Carbon disulfide	2.240	76	647089	45.421	ug/L	99
15) Methyl Acetate	2.372	43	219959	48.010	ug/L	96
16) Methylene chloride	2.442	84	263569	49.779	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	245390	50.370	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	808937	52.786	ug/L	99
19) 1,1-Dichloroethane	3.105	63	500868	51.770	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	286348	53.192	ug/L	99
22) 2-Butanone	3.873	43	267792	89.003	ug/L	98
23) Bromochloromethane	4.140	128	137942	52.200	ug/L	98
25) Chloroform	4.269	83	507131	51.758	ug/L	100

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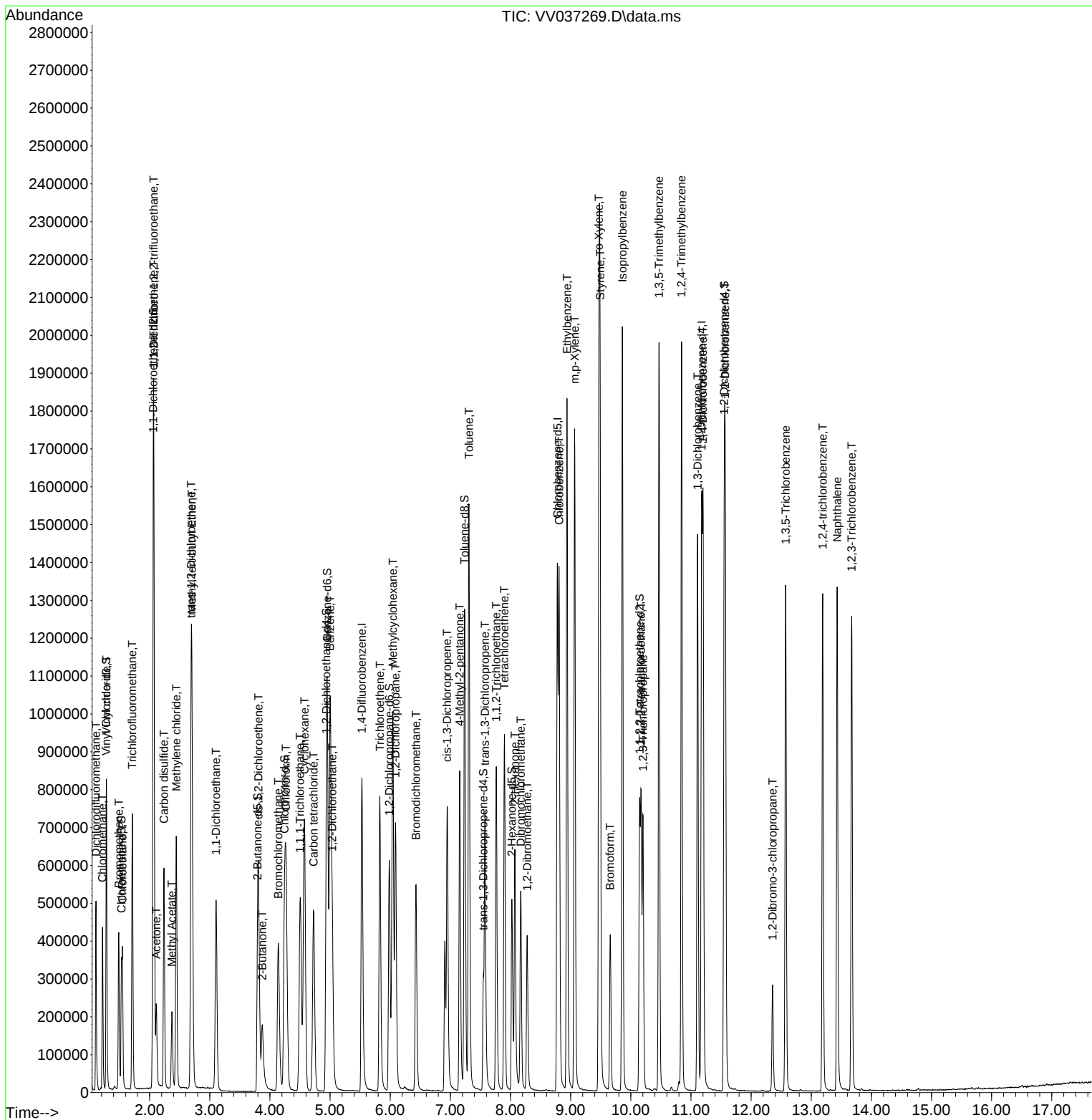
Instrument :
 MSVOA_V
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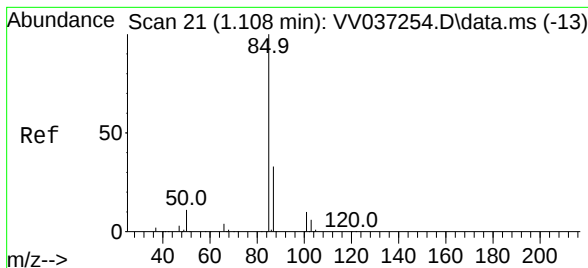
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	380391	52.925	ug/L	99
29) Cyclohexane	4.574	56	414431	51.341	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	431259	54.593	ug/L	100
31) Carbon tetrachloride	4.725	117	364544	54.690	ug/L	100
33) Benzene	5.002	78	1060823	53.542	ug/L	100
34) Trichloroethene	5.828	95	275532	52.689	ug/L	99
35) Methylcyclohexane	6.043	83	435683	51.278	ug/L	98
37) 1,2-Dichloropropane	6.088	63	273985	51.582	ug/L	99
38) Bromodichloromethane	6.429	83	372929	54.779	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	466098	55.606	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	553034	102.413	ug/L	99
42) Toluene	7.310	91	1121097	54.347	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	422363	56.373	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	263251	53.241	ug/L	99
46) Tetrachloroethene	7.899	164	199446	53.155	ug/L	96
48) 2-Hexanone	8.072	43	398995	95.538	ug/L	99
49) Dibromochloromethane	8.172	129	269324	54.397	ug/L	98
50) 1,2-Dibromoethane	8.278	107	270646	54.092	ug/L	98
51) Chlorobenzene	8.809	112	719916	52.714	ug/L	99
52) Ethylbenzene	8.940	91	1276576	54.786	ug/L	100
53) m,p-Xylene	9.066	106	478707	55.449	ug/L	97
54) o-Xylene	9.471	106	464751	54.981	ug/L	100
55) Styrene	9.490	104	813078	55.435	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	375204	51.236	ug/L	99
59) Bromoform	9.657	173	173521	53.121	ug/L	98
60) Isopropylbenzene	9.860	105	1264618	55.608	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	282732	51.811	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	1040825	55.940	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1051455	56.627	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	555212	52.871	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	573205	53.332	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	546033	52.882	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	71665	52.660	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	385209	52.719	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	362130	52.632	ug/L	100
71) Naphthalene	13.432	128	1019805	51.329	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	351412	51.827	ug/L	98

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

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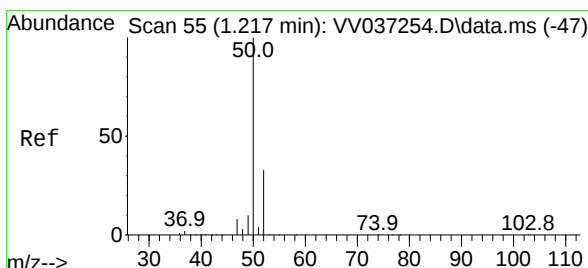
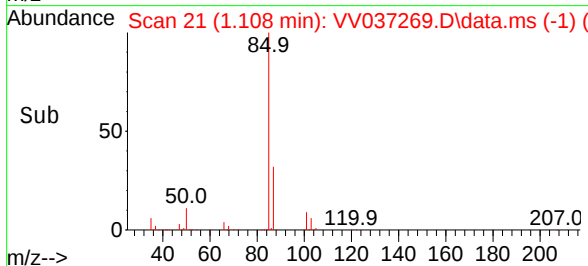
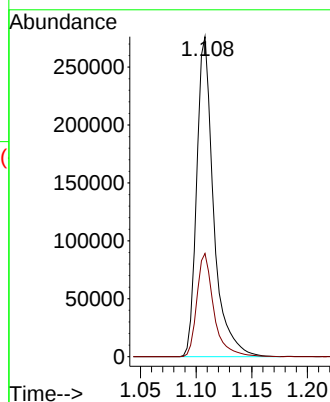
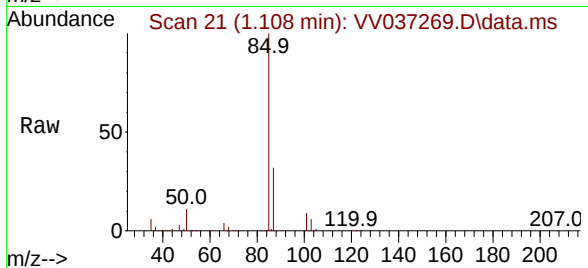




#2
Dichlorodifluoromethane
Concen: 47.883 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

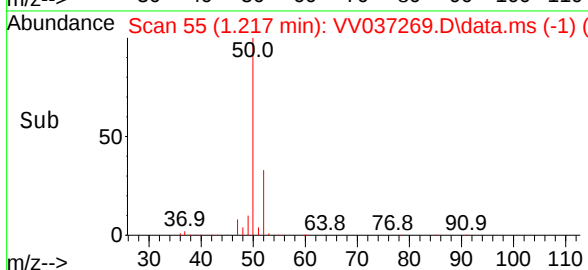
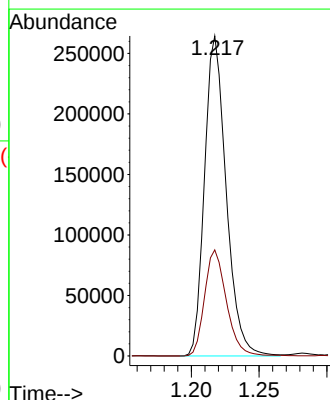
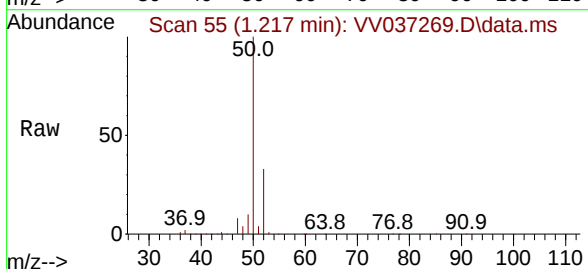
Instrument :
MSVOA_V
ClientSampleId :

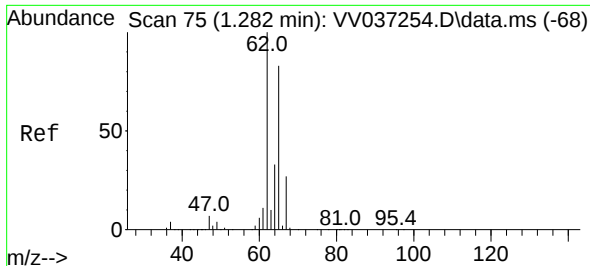
Tgt Ion: 85 Resp: 291055
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 42.979 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion: 50 Resp: 293804
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9

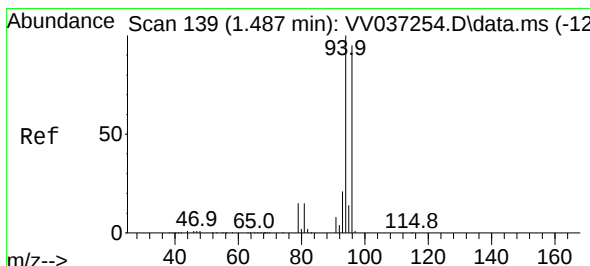
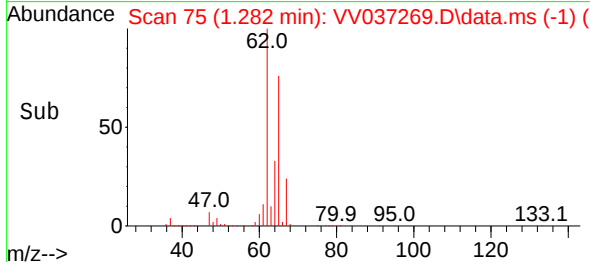
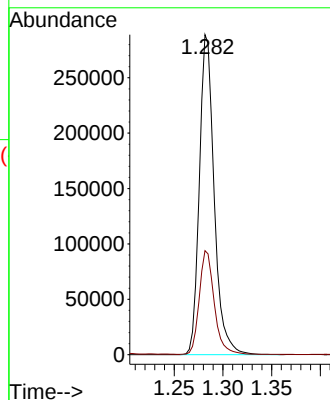
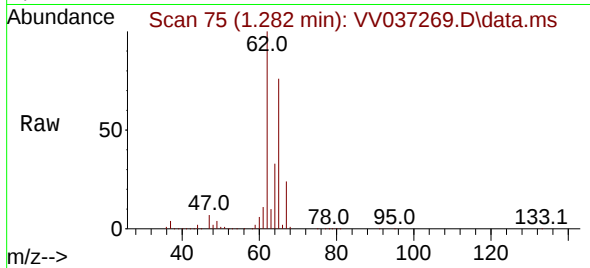




#5
 Vinyl chloride
 Concen: 47.619 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037269.D
 Acq: 12 Sep 2024 15:31

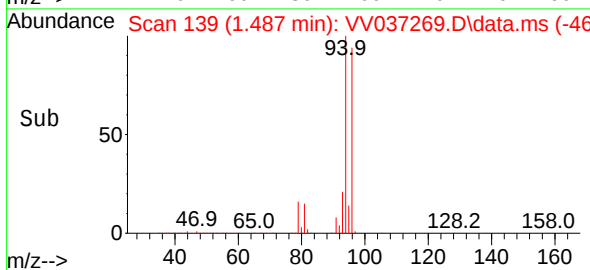
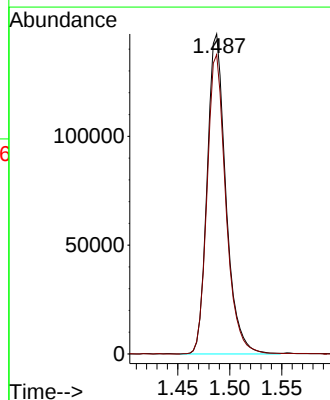
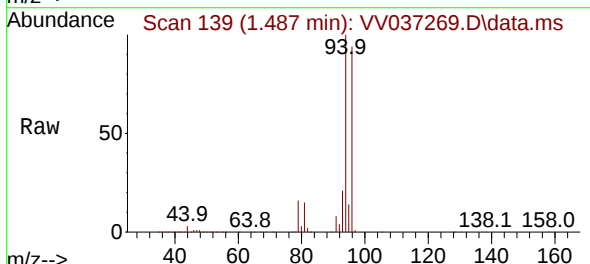
Instrument :
 MSVOA_V
 ClientSampleId :

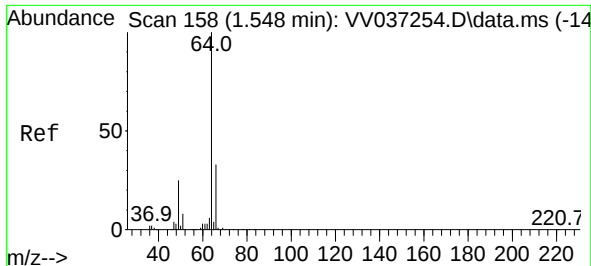
Tgt Ion: 62 Resp: 305591
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#6
 Bromomethane
 Concen: 51.030 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037269.D
 Acq: 12 Sep 2024 15:31

Tgt Ion: 94 Resp: 183499
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.6 121.8

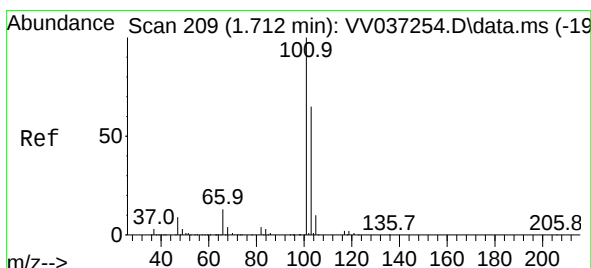
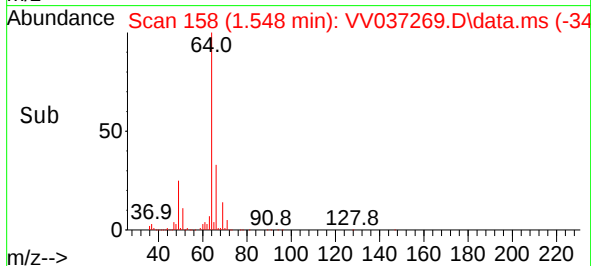
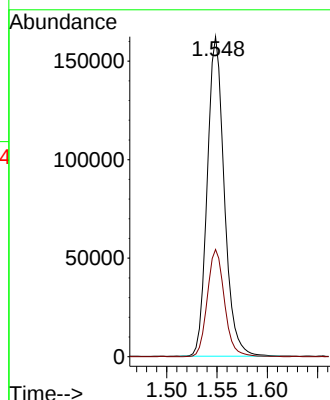
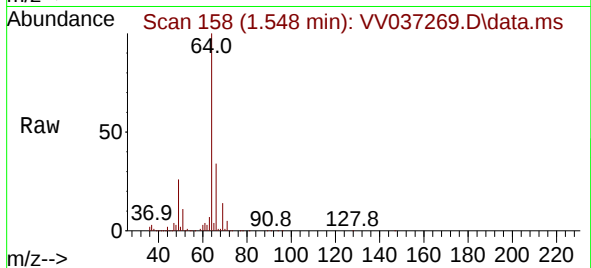




#8
Chloroethane
Concen: 48.662 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

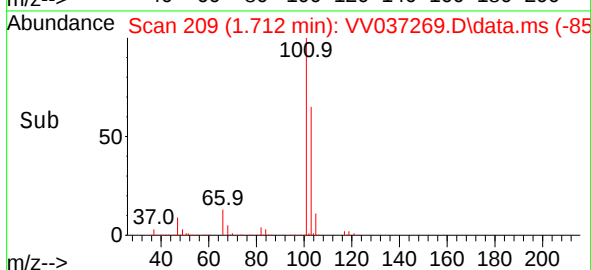
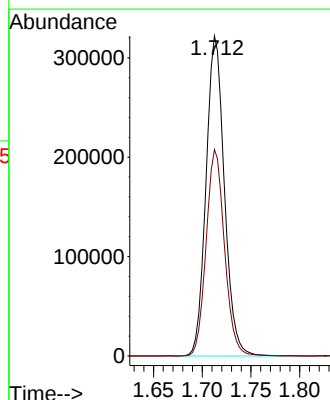
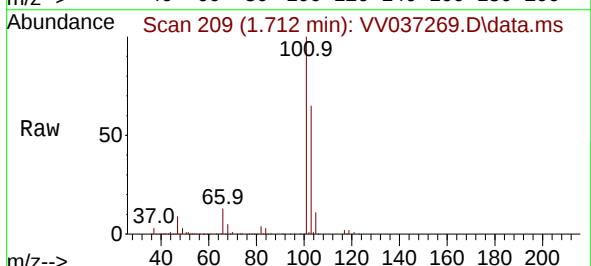
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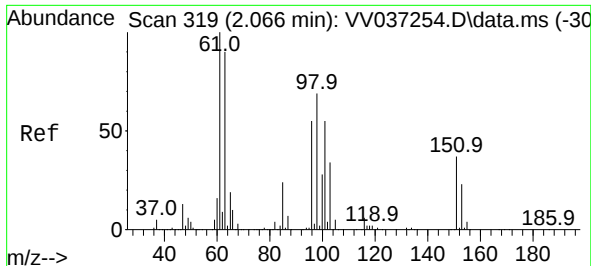
Tgt Ion: 64 Resp: 191013
Ion Ratio Lower Upper
64 100
66 33.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 50.315 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion:101 Resp: 421365
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5





#10

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

Concen: 49.865 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

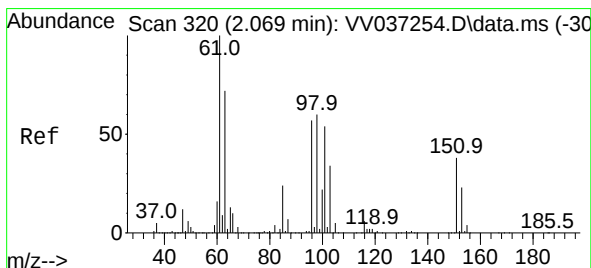
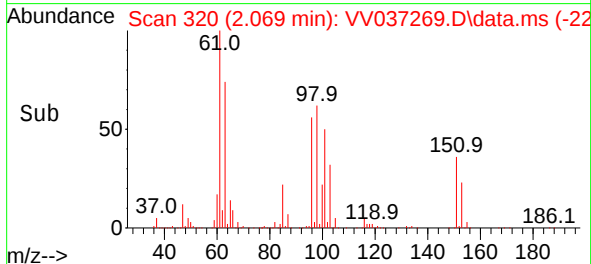
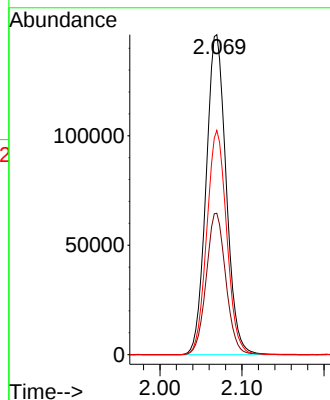
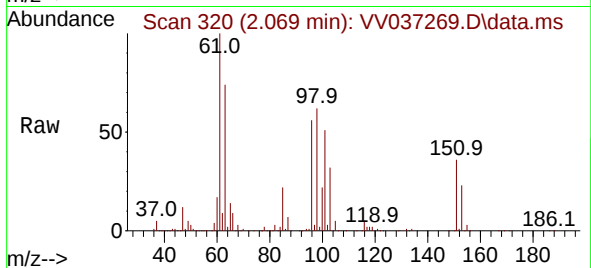
Tgt Ion:101 Resp: 248380

Ion Ratio Lower Upper

101 100

85 43.3 35.6 53.4

151 69.5 55.0 82.4



#12

1,1-Dichloroethene

Concen: 49.583 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

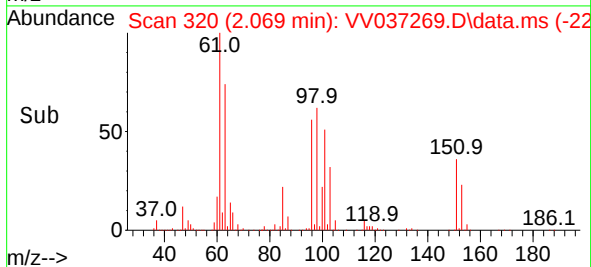
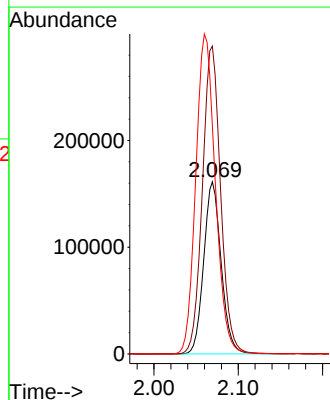
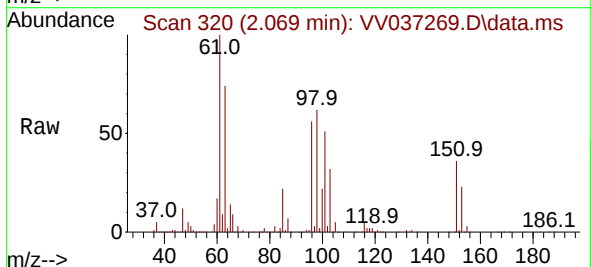
Tgt Ion: 96 Resp: 232684

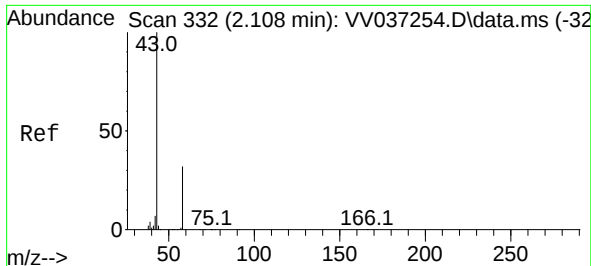
Ion Ratio Lower Upper

96 100

61 178.8 123.8 229.8

63 132.6 96.5 179.1





#13

Acetone

Concen: 77.156 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

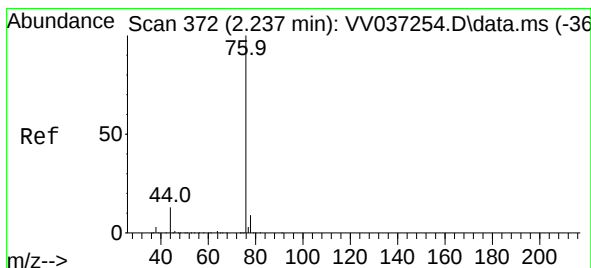
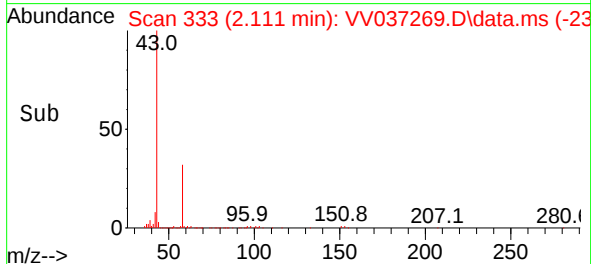
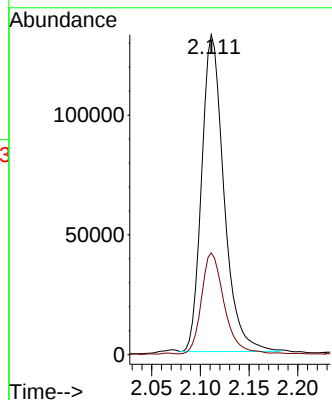
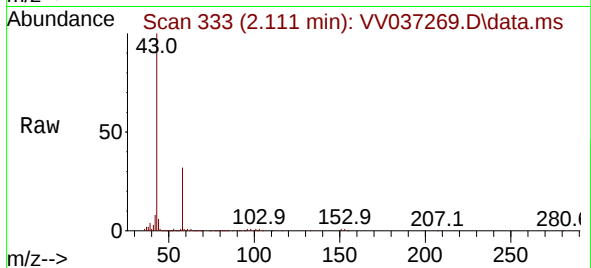
ClientSampleId :

Tgt Ion: 43 Resp: 210848

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.8



#14

Carbon disulfide

Concen: 45.421 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037269.D

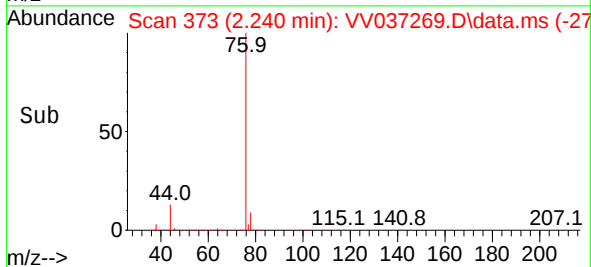
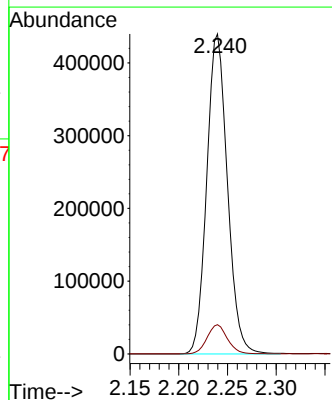
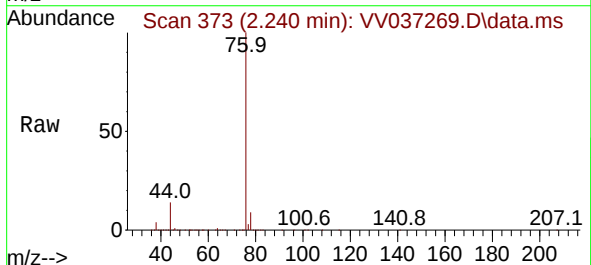
Acq: 12 Sep 2024 15:31

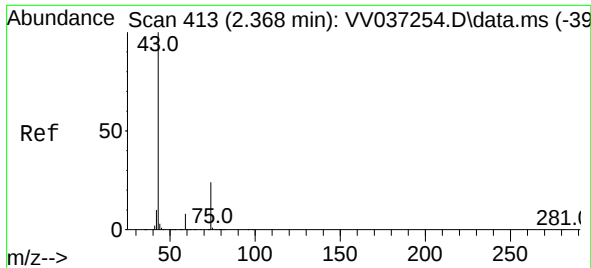
Tgt Ion: 76 Resp: 647089

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

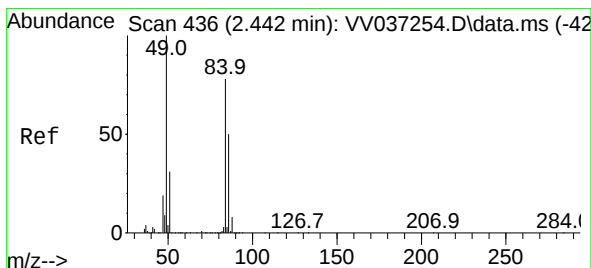
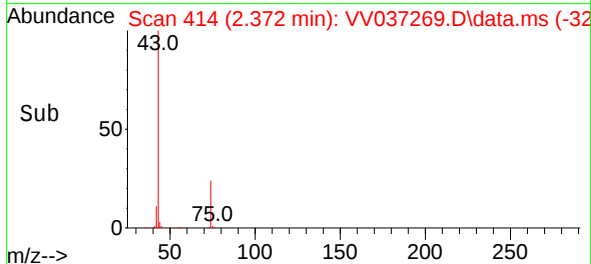
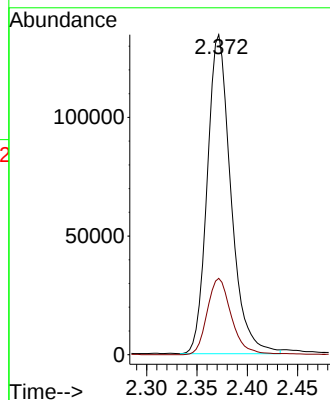
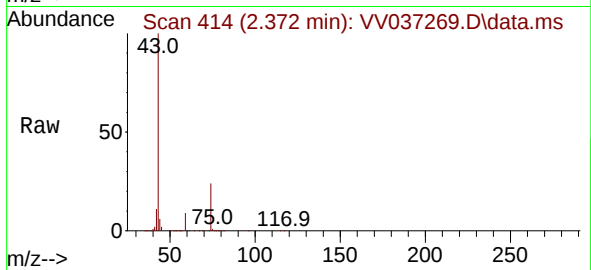




#15
Methyl Acetate
Concen: 48.010 ug/L
RT: 2.372 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

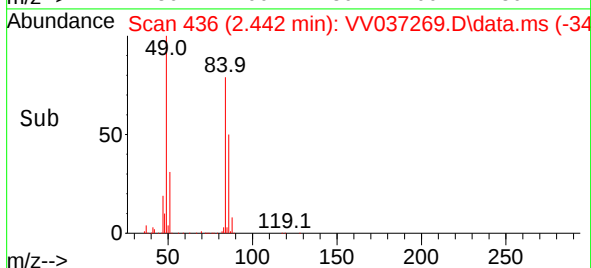
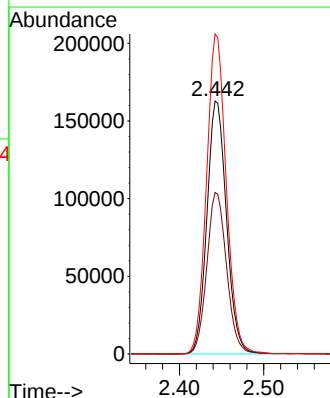
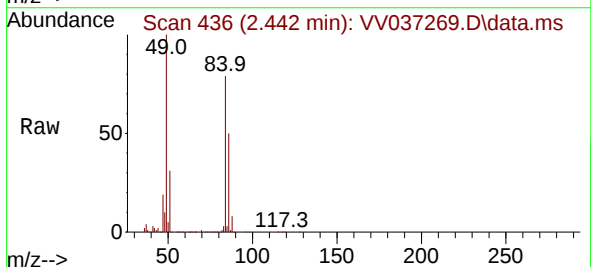
Instrument :
MSVOA_V
ClientSampleId :

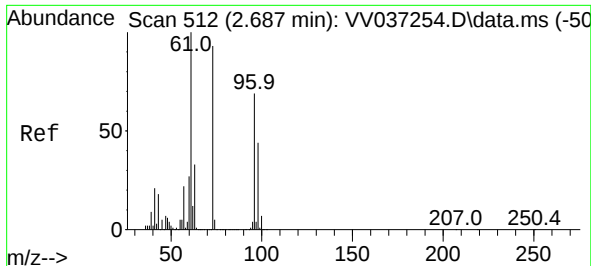
Tgt Ion: 43 Resp: 219959
Ion Ratio Lower Upper
43 100
74 24.8 18.4 27.6



#16
Methylene chloride
Concen: 49.779 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion: 84 Resp: 263569
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 126.5 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 50.370 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

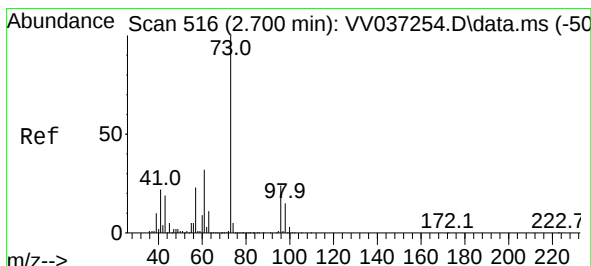
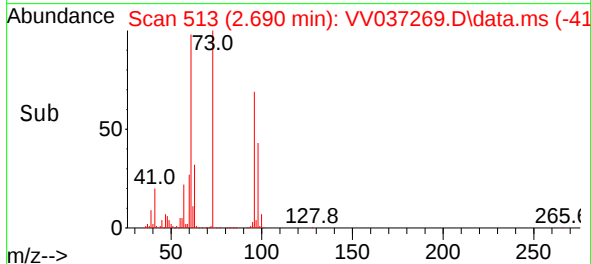
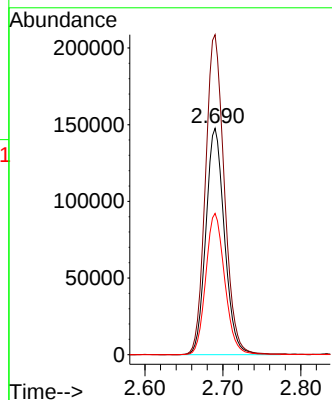
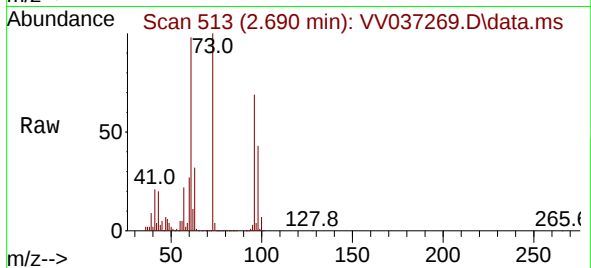
Tgt Ion: 96 Resp: 245390

Ion Ratio Lower Upper

96 100

61 141.3 102.3 189.9

98 62.4 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 52.786 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

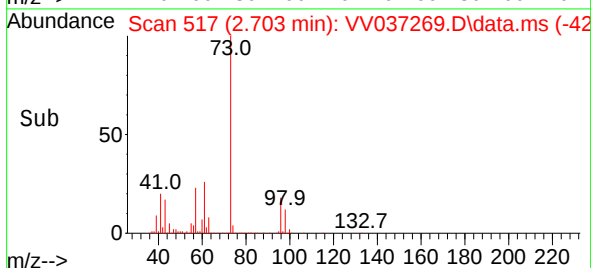
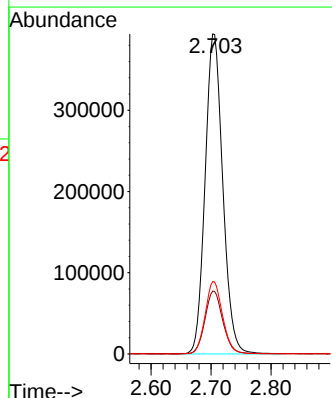
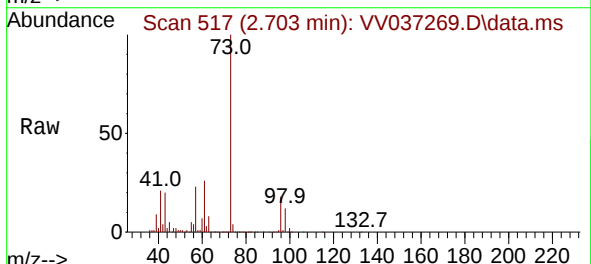
Tgt Ion: 73 Resp: 808937

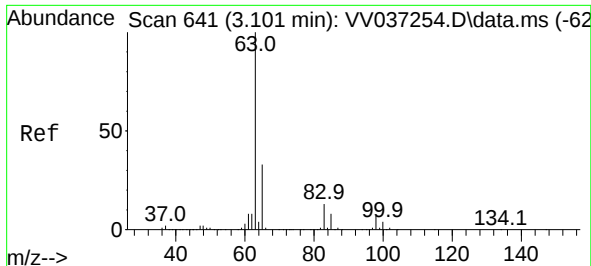
Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

57 22.3 18.1 27.1

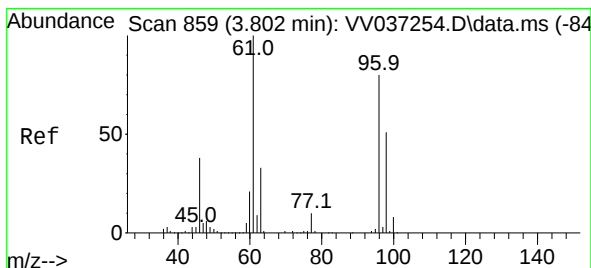
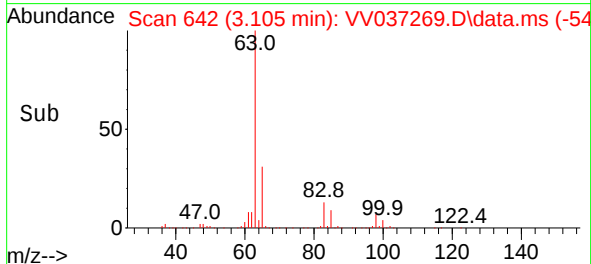
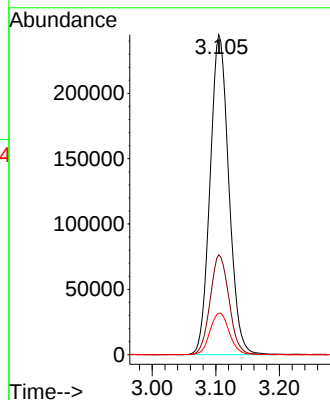
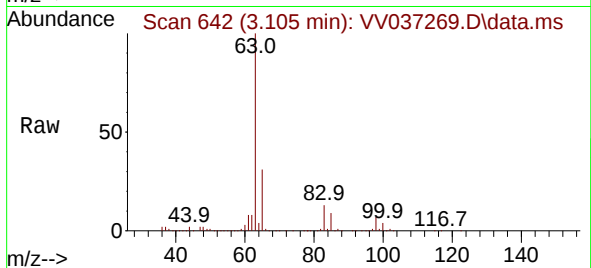




#19
1,1-Dichloroethane
Concen: 51.770 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

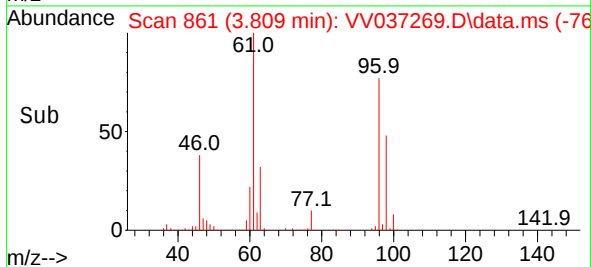
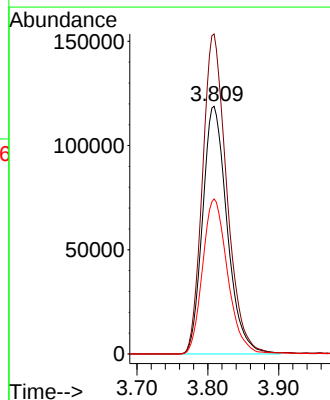
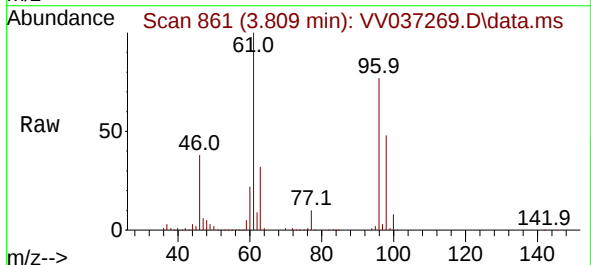
Instrument :
MSVOA_V
ClientSampleId :

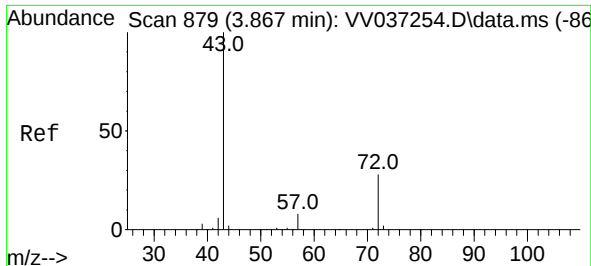
Tgt Ion: 63 Resp: 500868
Ion Ratio Lower Upper
63 100
65 31.2 22.0 41.0
83 13.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 53.192 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion: 96 Resp: 286348
Ion Ratio Lower Upper
96 100
61 129.2 89.9 166.9
98 62.6 44.8 83.2





#22

2-Butanone

Concen: 89.003 ug/L

RT: 3.873 min Scan# 80

Delta R.T. 0.006 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

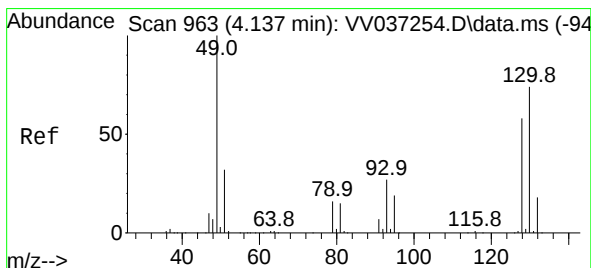
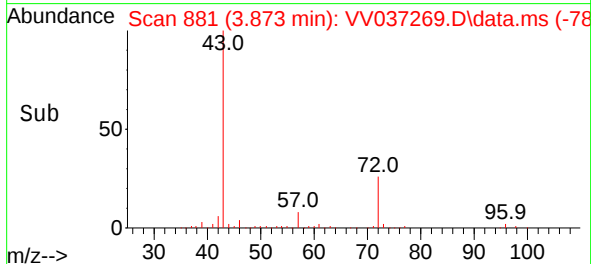
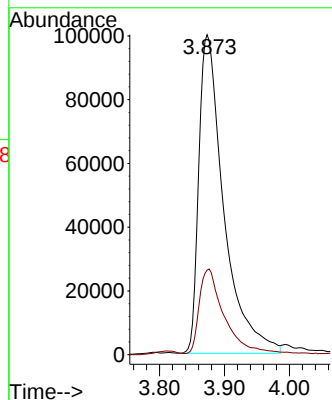
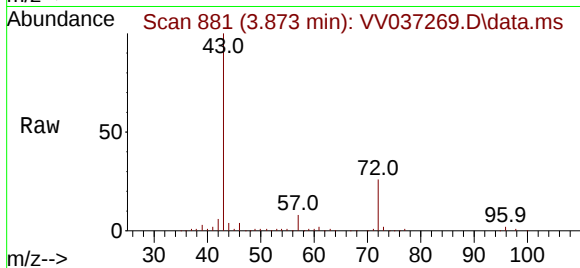
ClientSampleId :

Tgt Ion: 43 Resp: 267792

Ion Ratio Lower Upper

43 100

72 26.3 12.7 38.0



#23

Bromochloromethane

Concen: 52.200 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Tgt Ion: 128 Resp: 137942

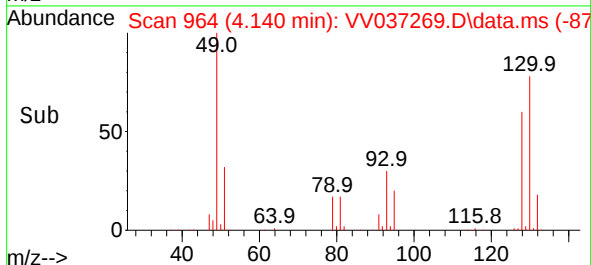
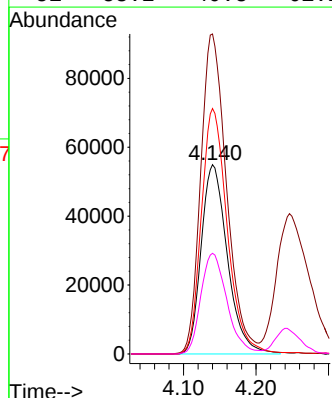
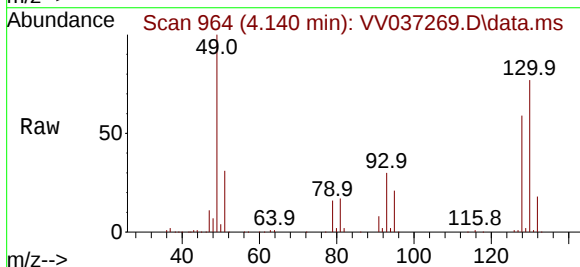
Ion Ratio Lower Upper

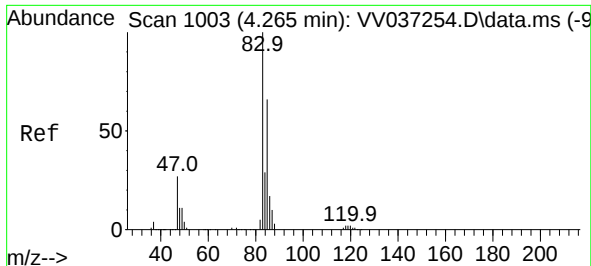
128 100

49 169.1 117.2 217.6

130 129.6 87.6 162.8

51 53.2 40.8 61.2





#25

Chloroform

Concen: 51.758 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

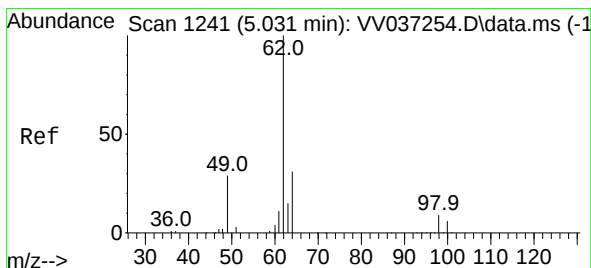
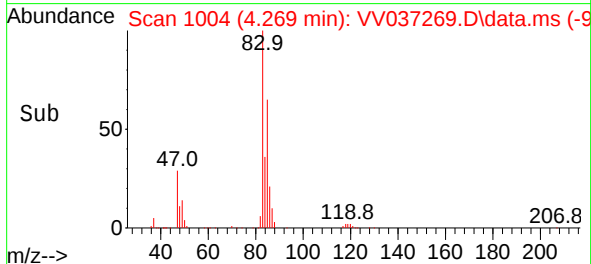
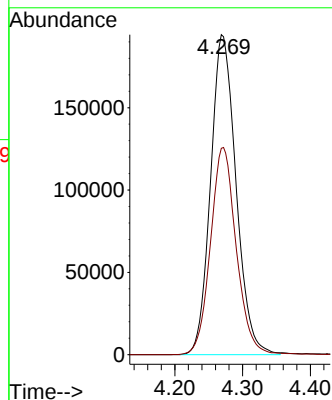
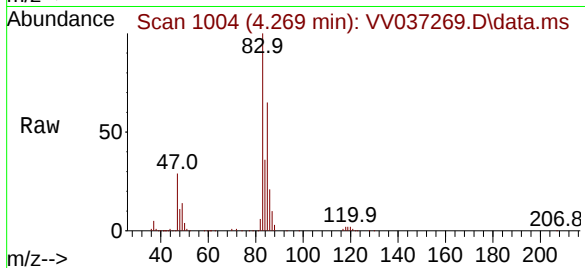
ClientSampleId :

Tgt Ion: 83 Resp: 507131

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.925 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VV037269.D

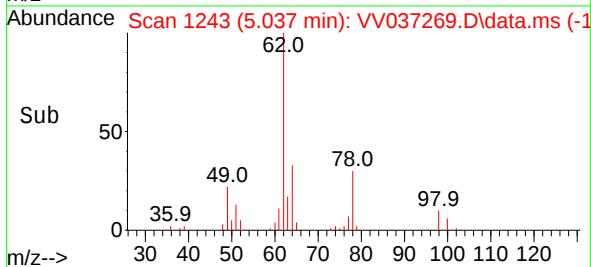
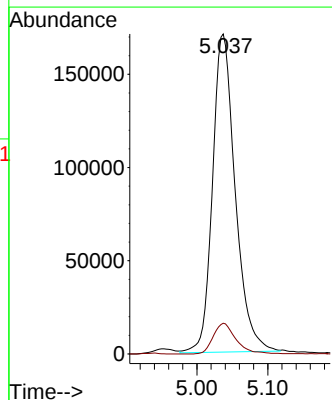
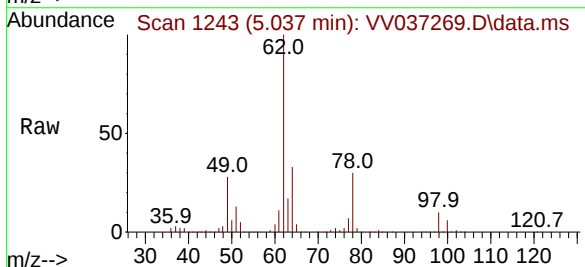
Acq: 12 Sep 2024 15:31

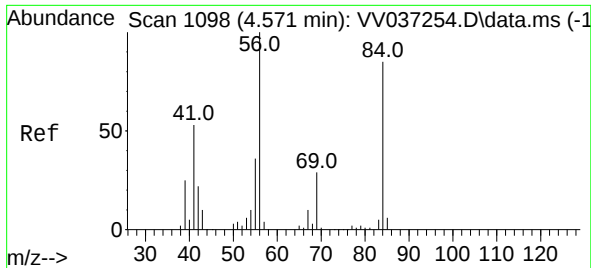
Tgt Ion: 62 Resp: 380391

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 51.341 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

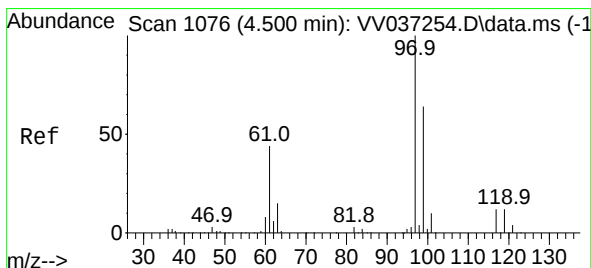
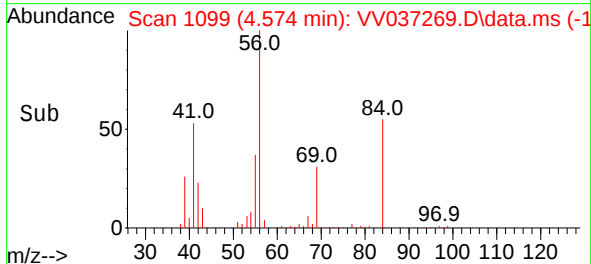
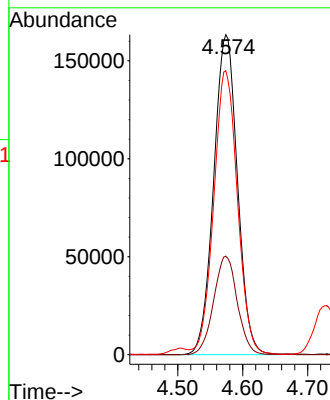
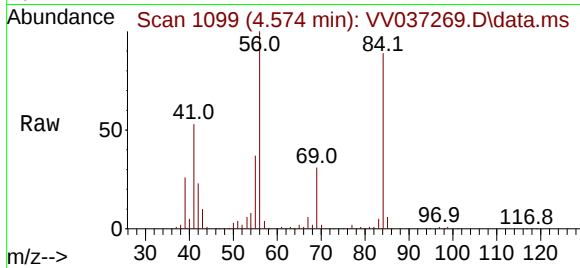
Tgt Ion: 56 Resp: 414431

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.4

84 88.5 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.593 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

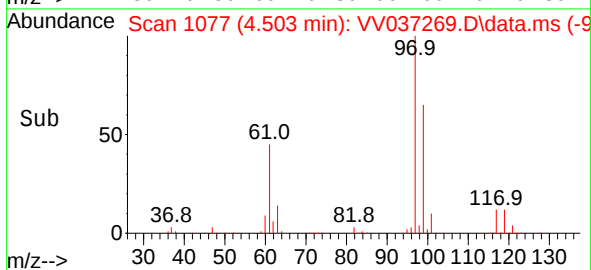
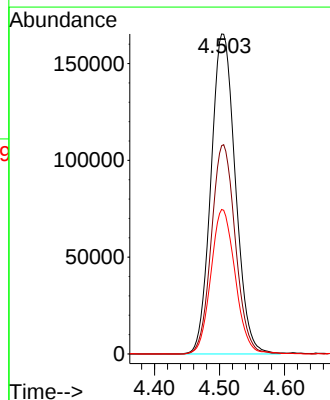
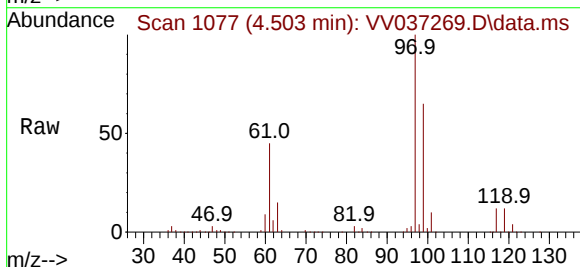
Tgt Ion: 97 Resp: 431259

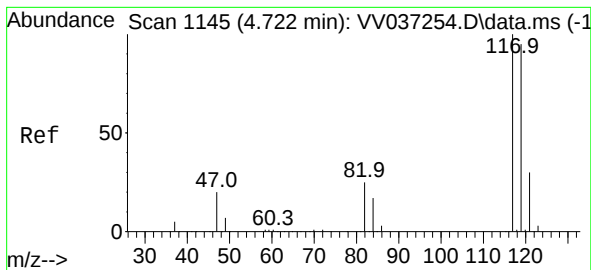
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 45.0 35.8 53.6





#31

Carbon tetrachloride

Concen: 54.690 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

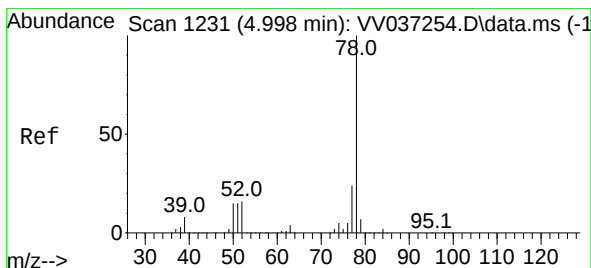
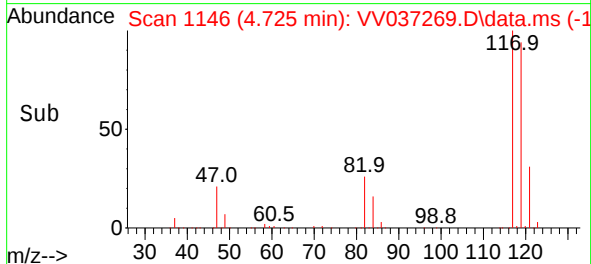
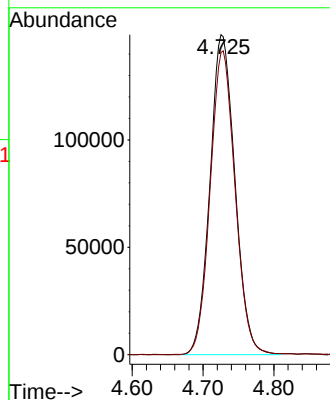
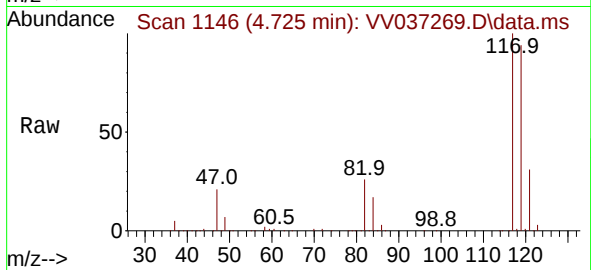
ClientSampleId :

Tgt Ion:117 Resp: 364544

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.6



#33

Benzene

Concen: 53.542 ug/L

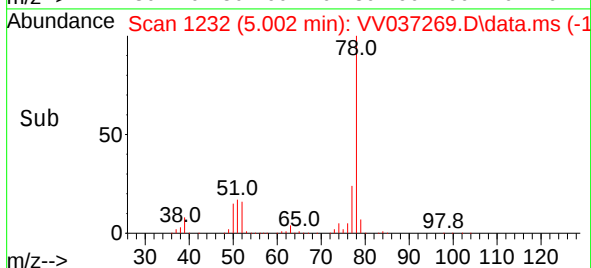
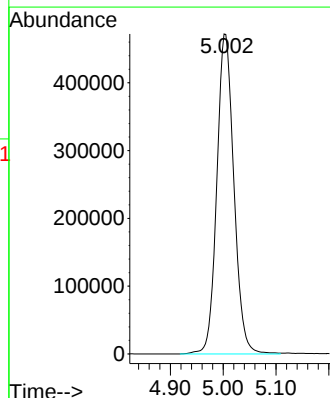
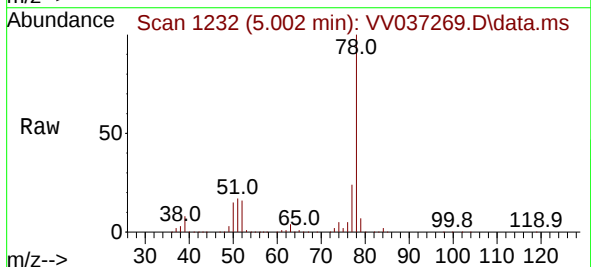
RT: 5.002 min Scan# 1232

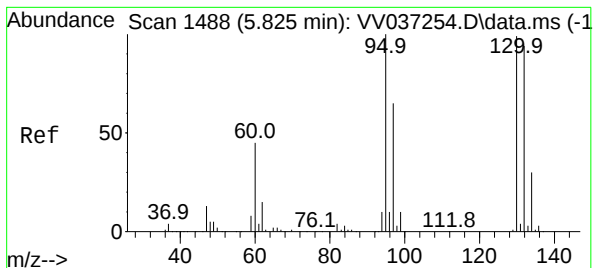
Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Tgt Ion: 78 Resp: 1060823





#34

Trichloroethene

Concen: 52.689 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 275532

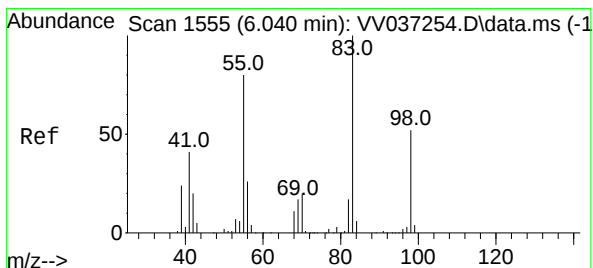
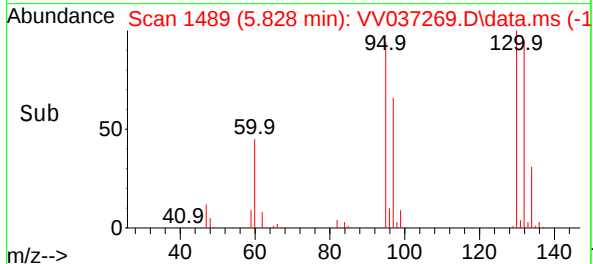
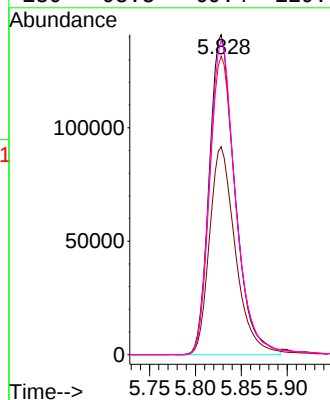
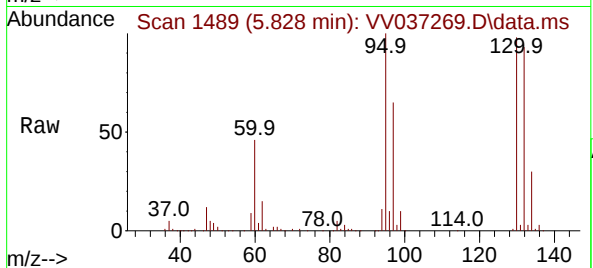
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.5

132 93.3 64.9 120.5

130 98.3 69.4 129.0



#35

Methylcyclohexane

Concen: 51.278 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

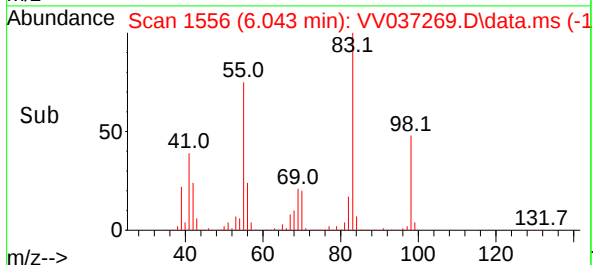
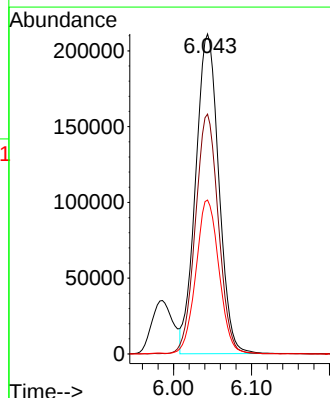
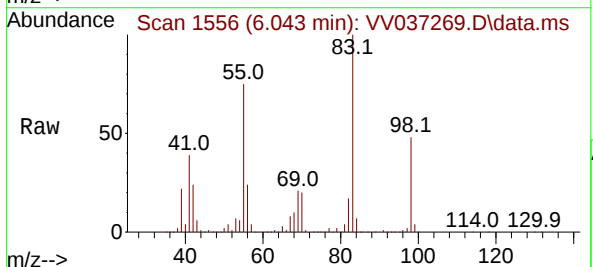
Tgt Ion: 83 Resp: 435683

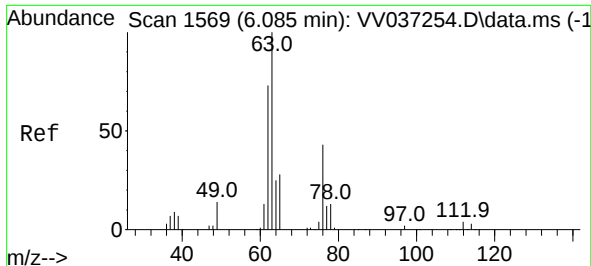
Ion Ratio Lower Upper

83 100

55 74.6 61.2 91.8

98 48.3 39.3 58.9

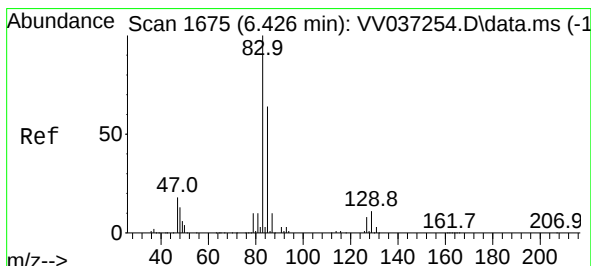
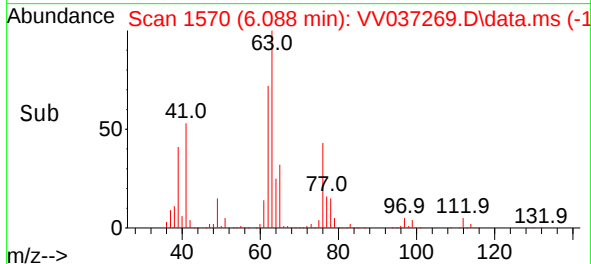
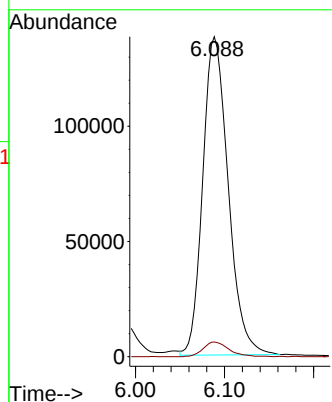
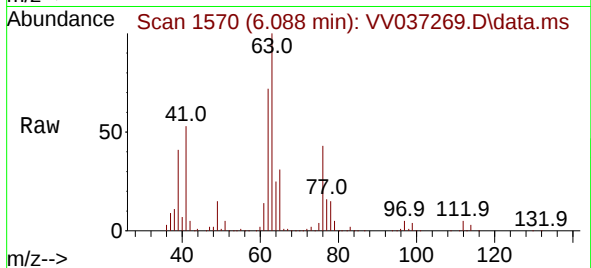




#37
1,2-Dichloropropane
Concen: 51.582 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

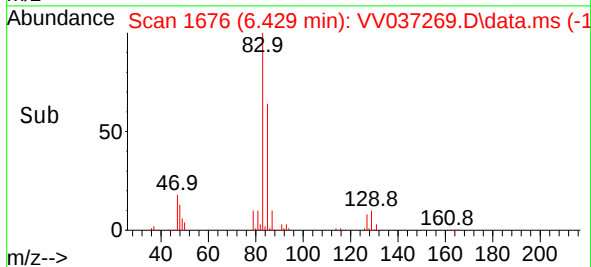
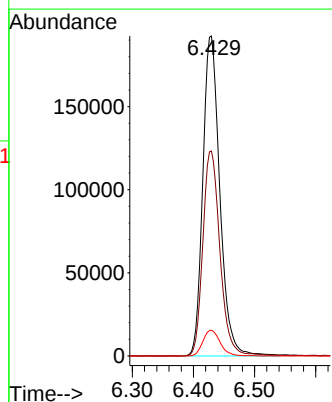
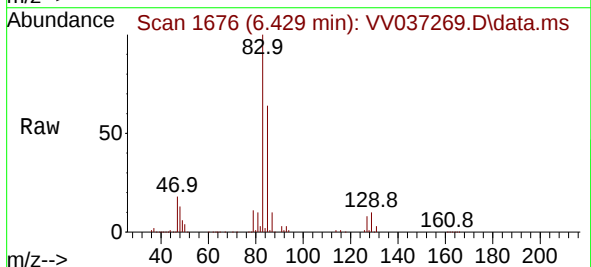
Instrument :
MSVOA_V
ClientSampleId :

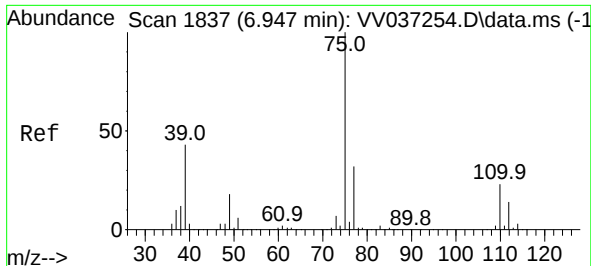
Tgt Ion: 63 Resp: 273985
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 54.779 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion: 83 Resp: 372929
Ion Ratio Lower Upper
83 100
85 64.0 44.5 82.7
127 8.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 55.606 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

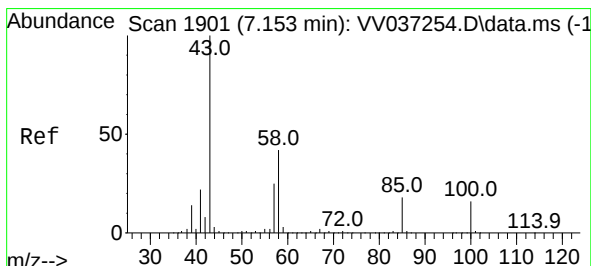
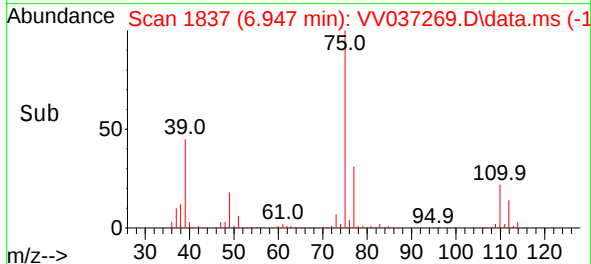
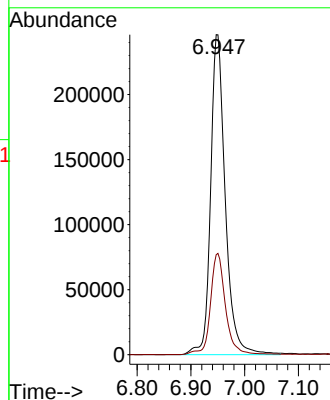
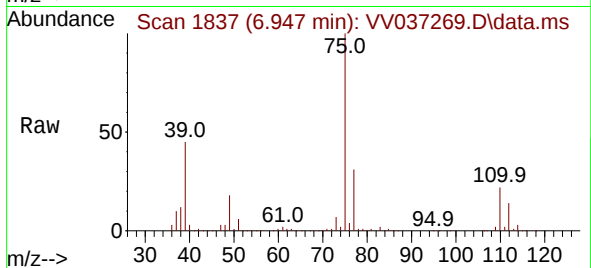
ClientSampleId :

Tgt Ion: 75 Resp: 466098

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 102.413 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

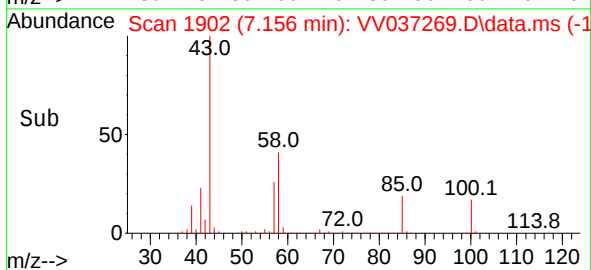
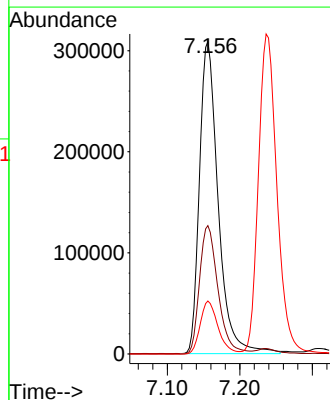
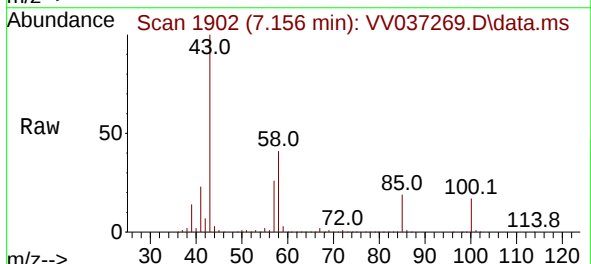
Tgt Ion: 43 Resp: 553034

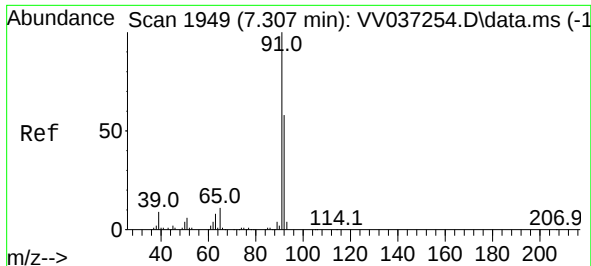
Ion Ratio Lower Upper

43 100

58 40.6 32.0 48.0

100 16.2 12.4 18.6





#42

Toluene

Concen: 54.347 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

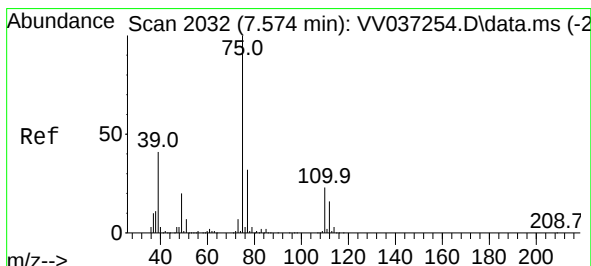
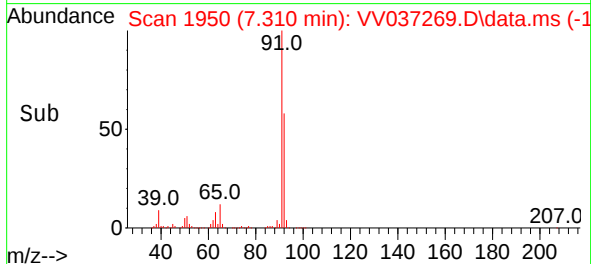
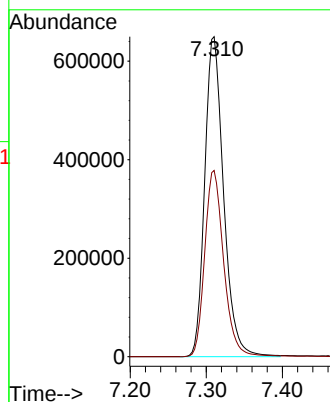
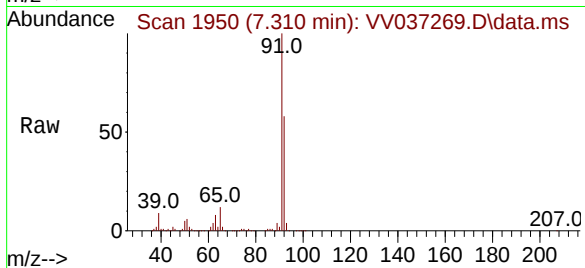
ClientSampleId :

Tgt Ion: 91 Resp: 1121097

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 56.373 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037269.D

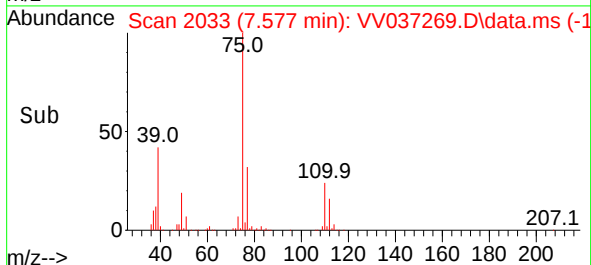
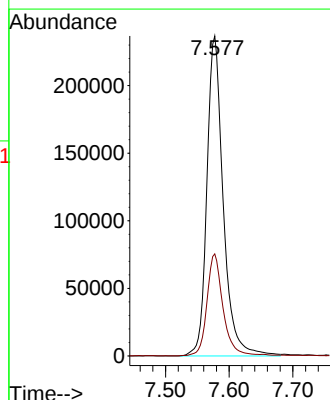
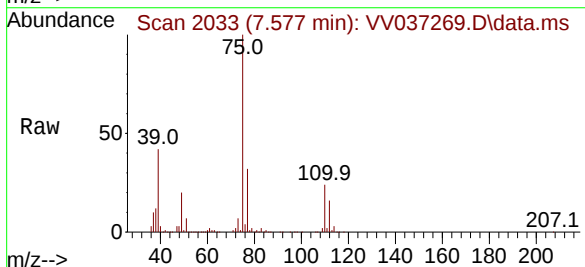
Acq: 12 Sep 2024 15:31

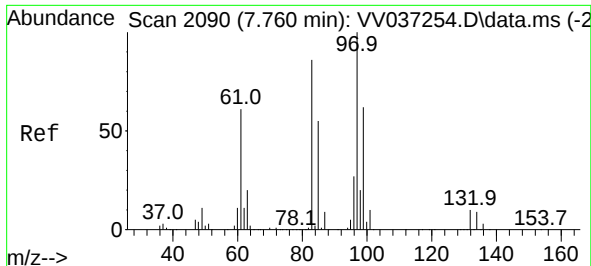
Tgt Ion: 75 Resp: 422363

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8

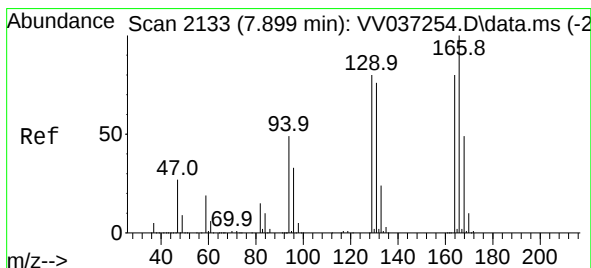
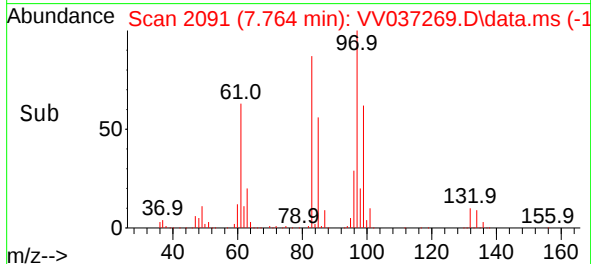
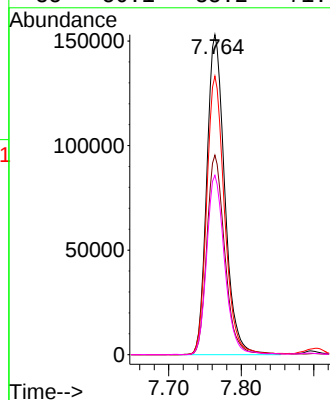
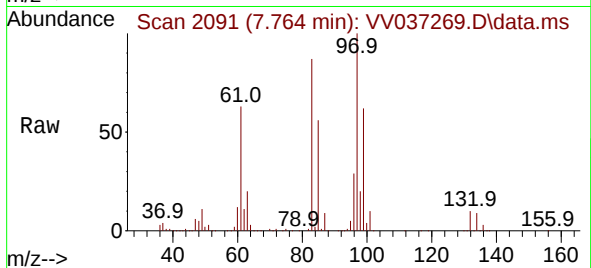




#45
1,1,2-Trichloroethane
Concen: 53.241 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

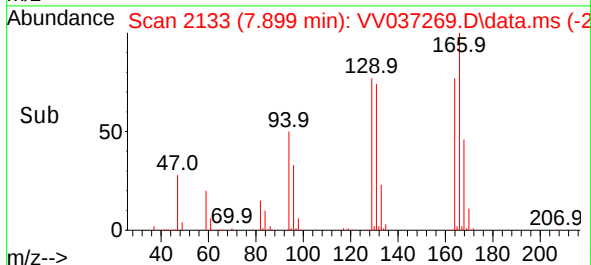
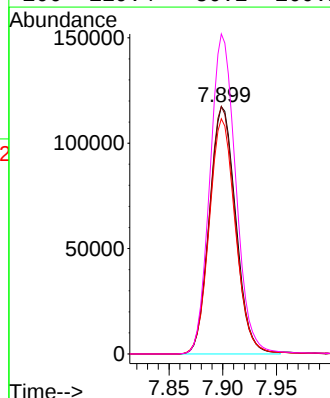
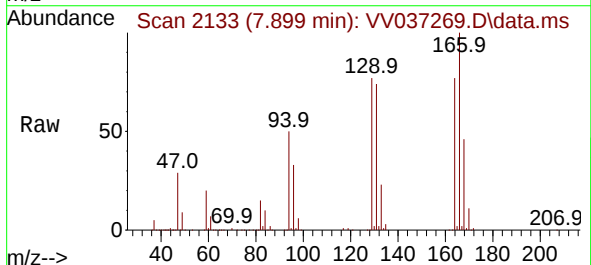
Instrument :
MSVOA_V
ClientSampleId :

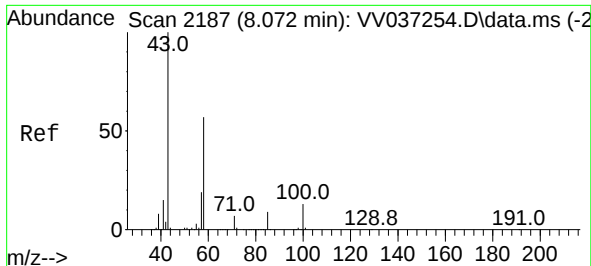
Tgt Ion:	97	Resp:	263251
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.6	79.0
83	87.0	60.5	112.3
85	56.1	38.2	71.0



#46
Tetrachloroethene
Concen: 53.155 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion:	164	Resp:	199446
Ion	Ratio	Lower	Upper
164	100		
129	100.1	67.1	124.7
131	95.1	67.0	124.4
166	129.4	86.2	160.2

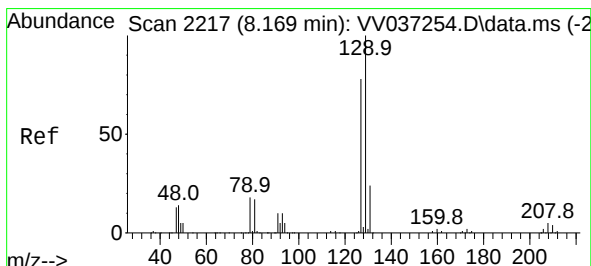
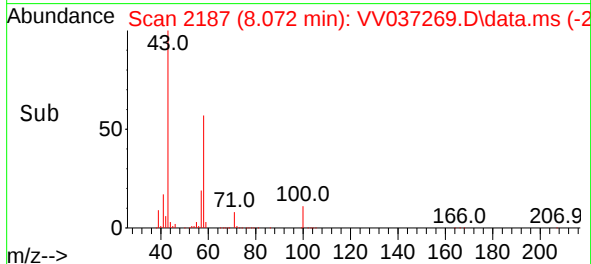
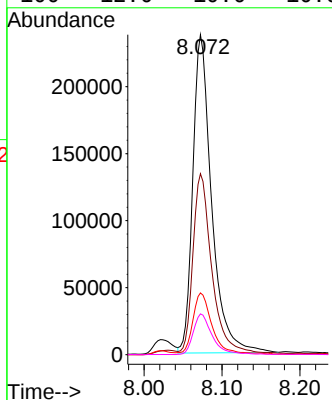
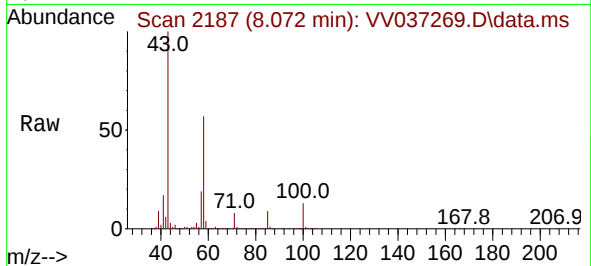




#48
2-Hexanone
Concen: 95.538 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

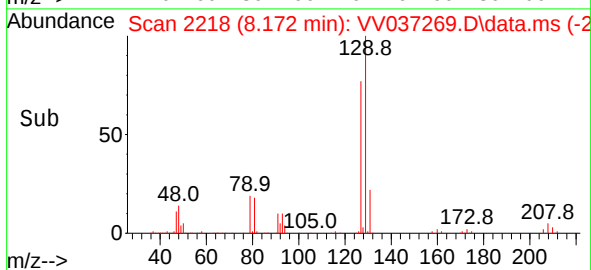
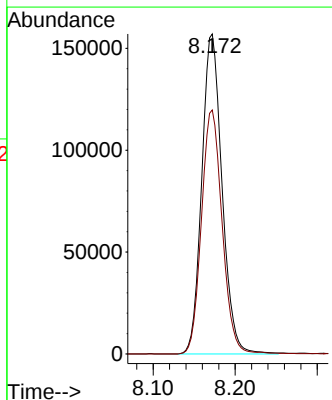
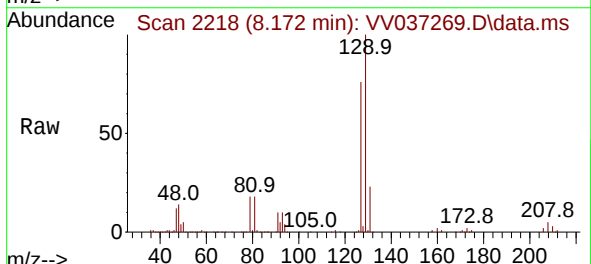
Instrument :
MSVOA_V
ClientSampleId :

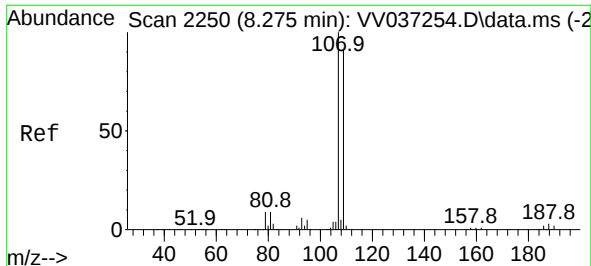
Tgt Ion:	43	Resp:	398995
Ion	Ratio	Lower	Upper
43	100		
58	57.0	46.0	69.0
57	18.3	15.6	23.4
100	12.6	10.6	16.0



#49
Dibromochloromethane
Concen: 54.397 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

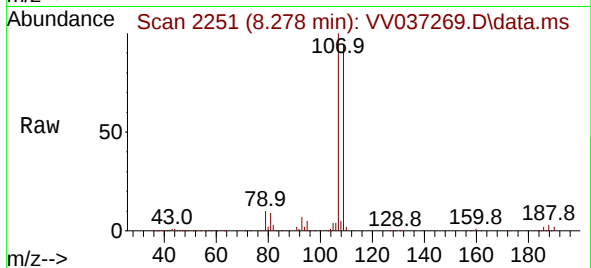
Tgt Ion:	129	Resp:	269324
Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.7	101.7



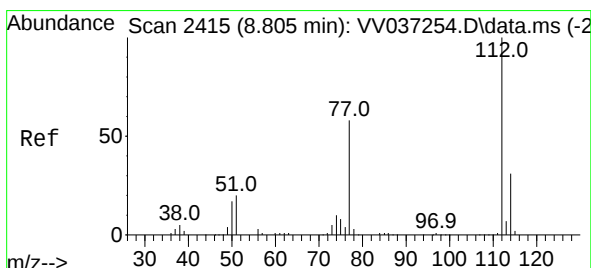
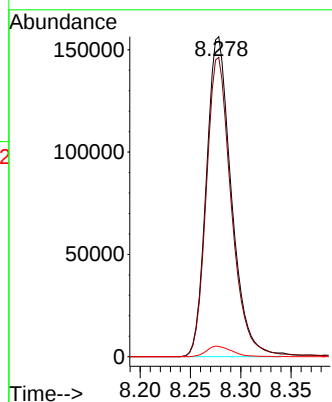
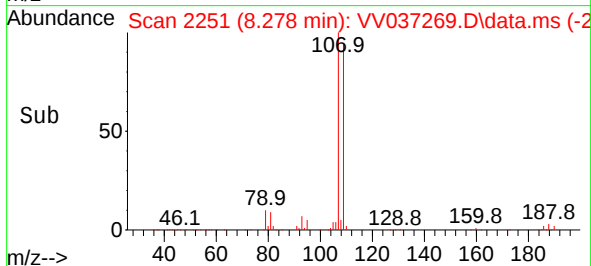


#50
1,2-Dibromoethane
Concen: 54.092 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Instrument :
MSVOA_V
ClientSampleId :

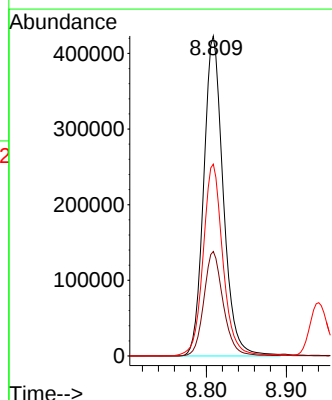
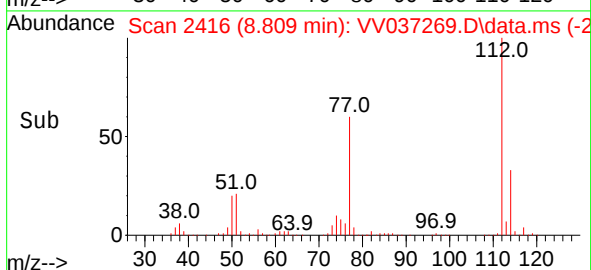
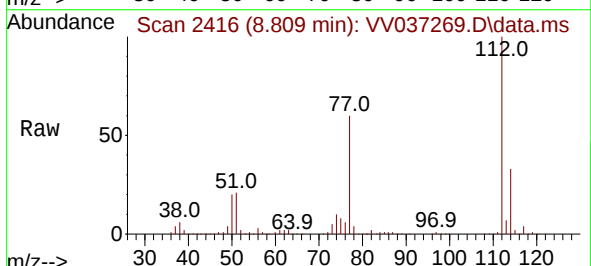


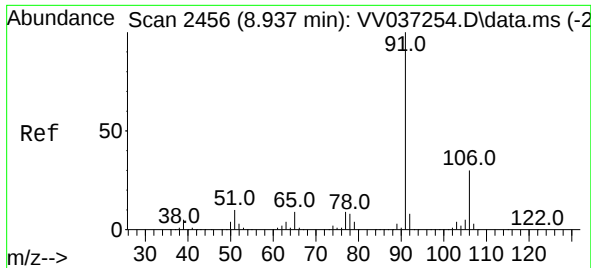
Tgt Ion:107 Resp: 270646
Ion Ratio Lower Upper
107 100
109 93.6 66.6 123.6
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 52.714 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion:112 Resp: 719916
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 60.0 47.8 71.8

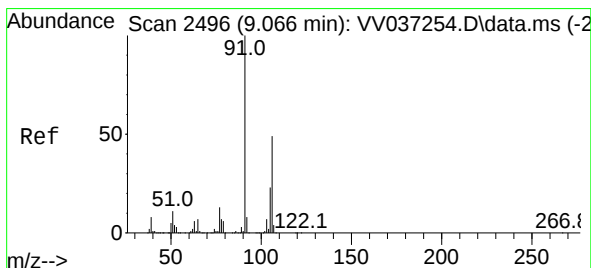
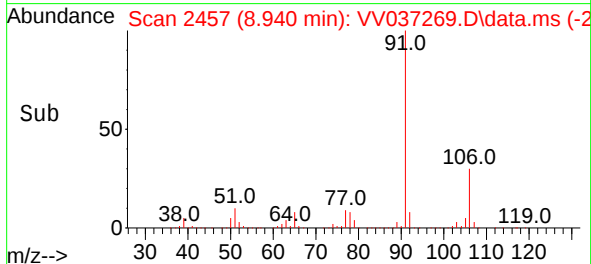
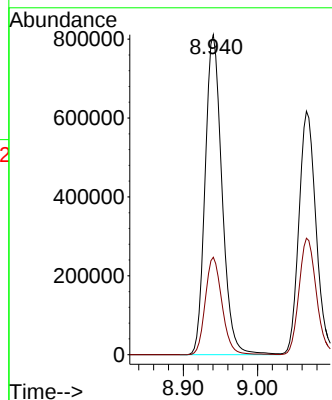
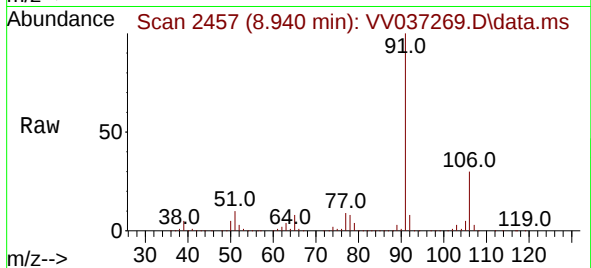




#52
Ethylbenzene
Concen: 54.786 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

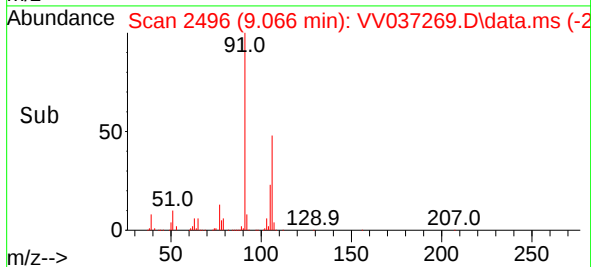
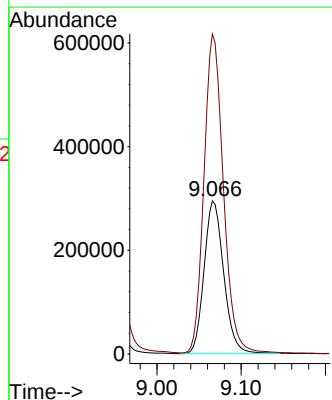
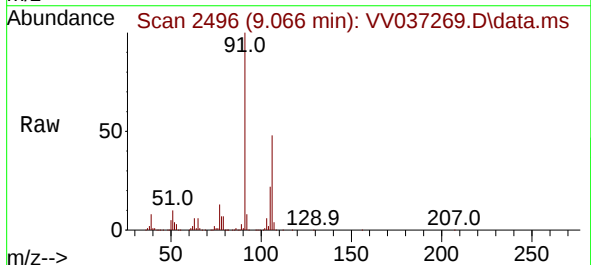
Instrument :
MSVOA_V
ClientSampleId :

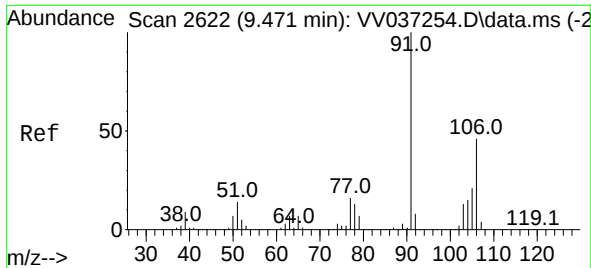
Tgt Ion: 91 Resp: 1276576
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 55.449 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion:106 Resp: 478707
Ion Ratio Lower Upper
106 100
91 209.2 143.0 265.6

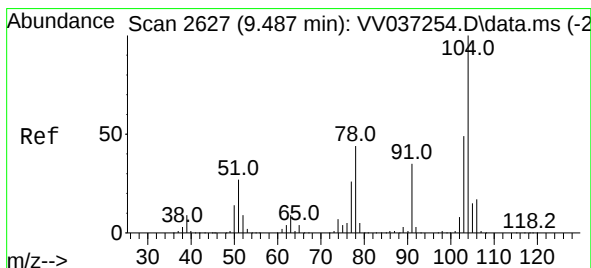
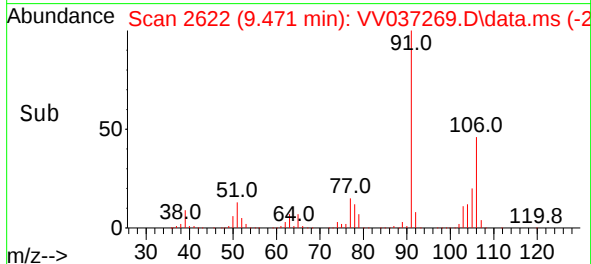
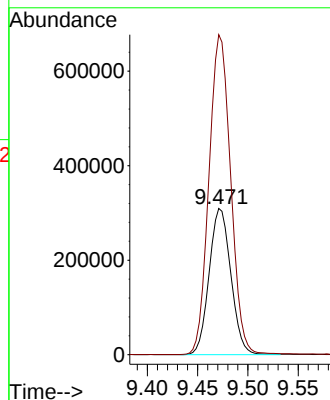
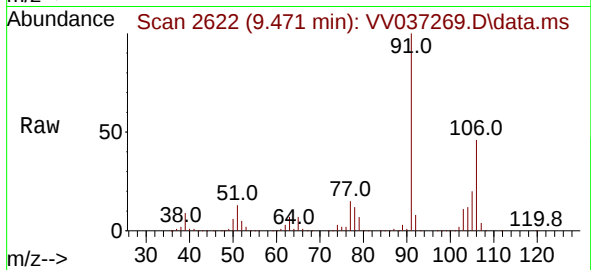




#54
o-Xylene
Concen: 54.981 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

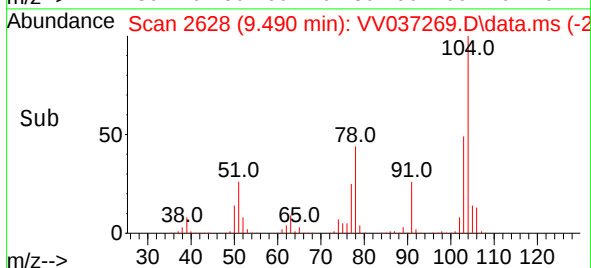
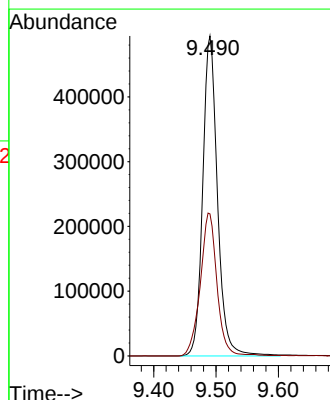
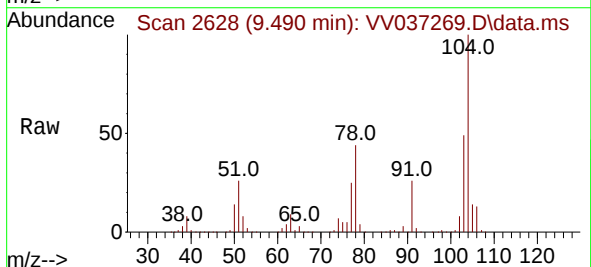
Instrument :
MSVOA_V
ClientSampleId :

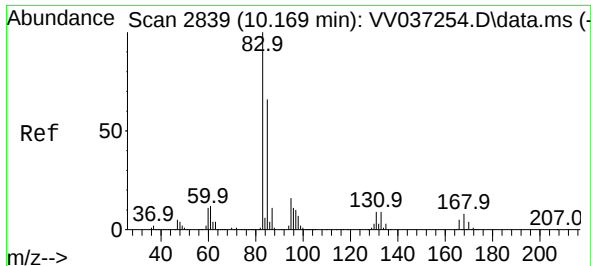
Tgt Ion:106 Resp: 464751
Ion Ratio Lower Upper
106 100
91 218.8 153.2 284.6



#55
Styrene
Concen: 55.435 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037269.D
Acq: 12 Sep 2024 15:31

Tgt Ion:104 Resp: 813078
Ion Ratio Lower Upper
104 100
78 44.4 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 51.236 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

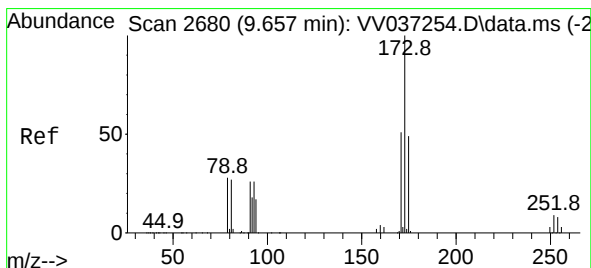
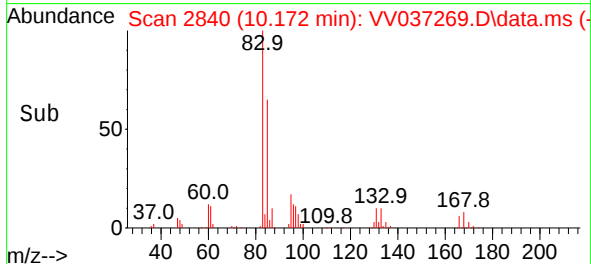
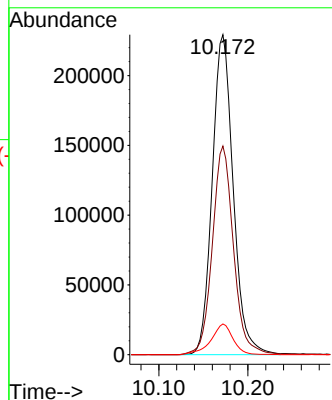
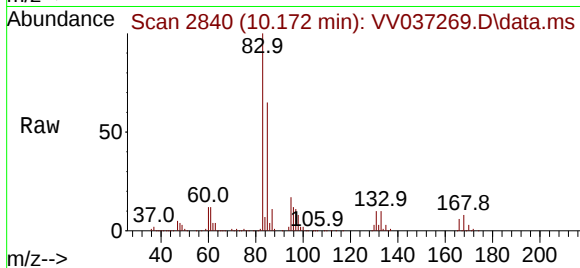
Tgt Ion: 83 Resp: 375204

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

131 9.6 7.4 11.0



#59

Bromoform

Concen: 53.121 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

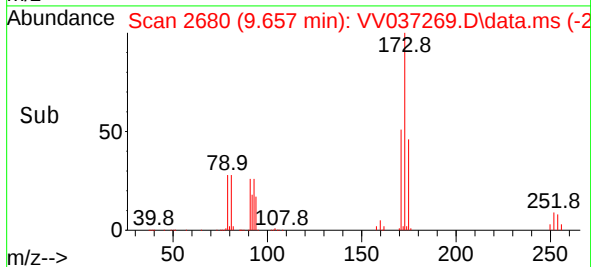
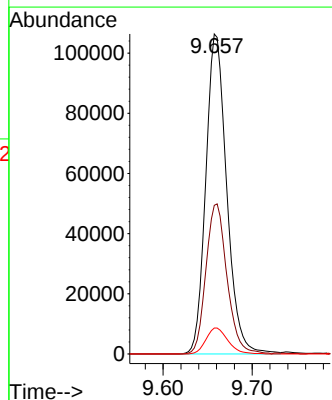
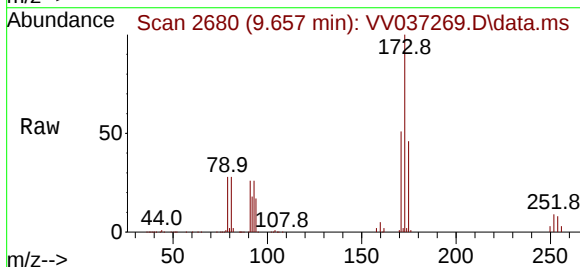
Tgt Ion:173 Resp: 173521

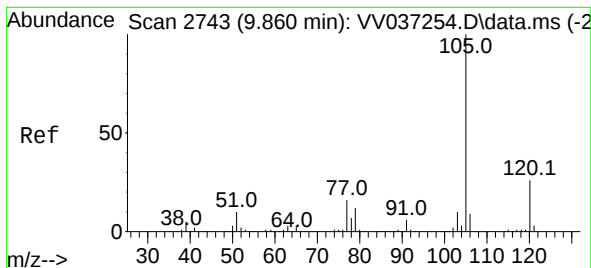
Ion Ratio Lower Upper

173 100

175 47.2 38.7 58.1

254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 55.608 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

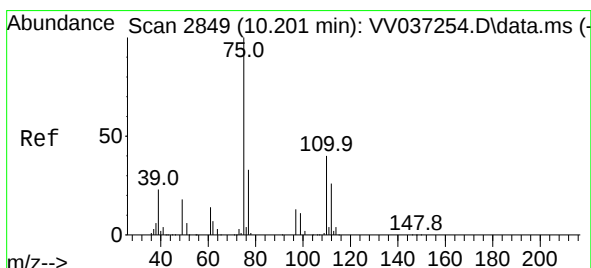
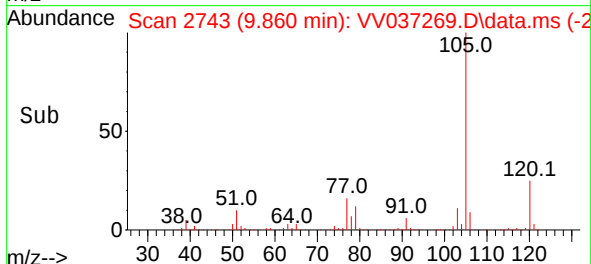
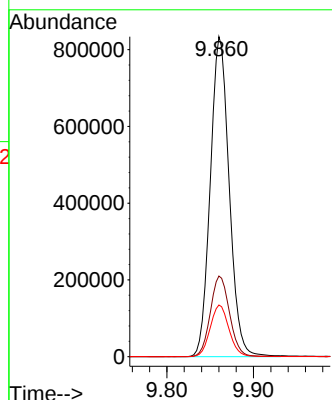
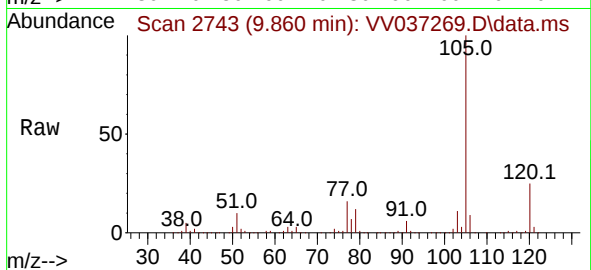
Tgt Ion:105 Resp: 1264618

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 51.811 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

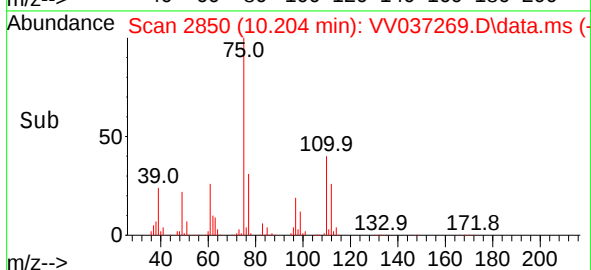
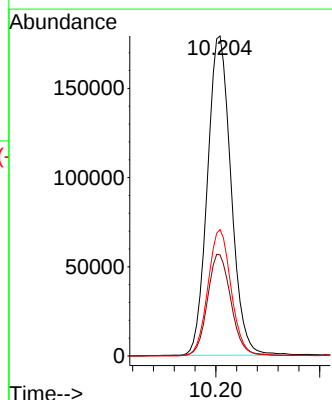
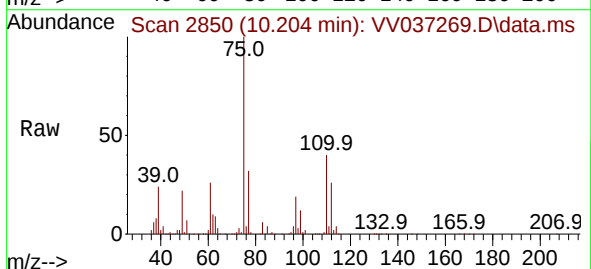
Tgt Ion: 75 Resp: 282732

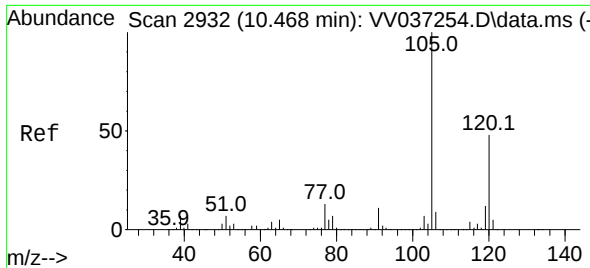
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

110 39.1 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 55.940 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

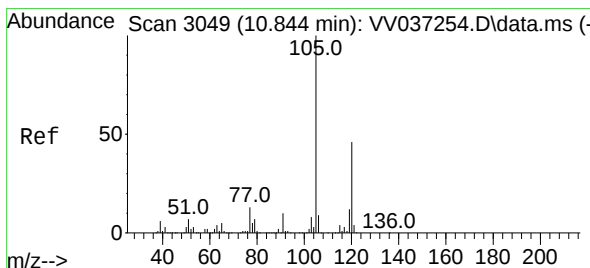
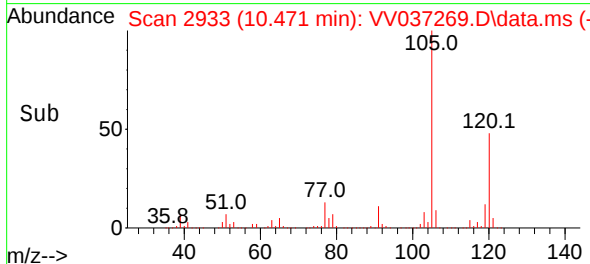
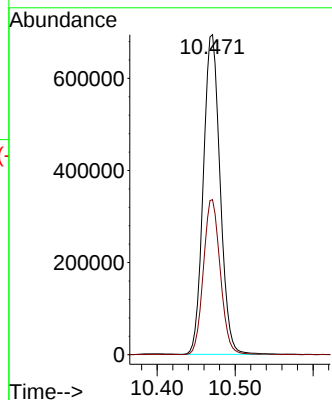
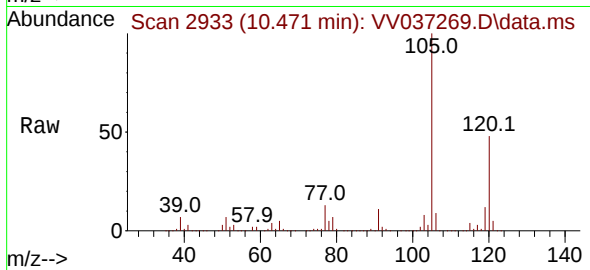
ClientSampleId :

Tgt Ion:105 Resp: 1040825

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 56.627 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037269.D

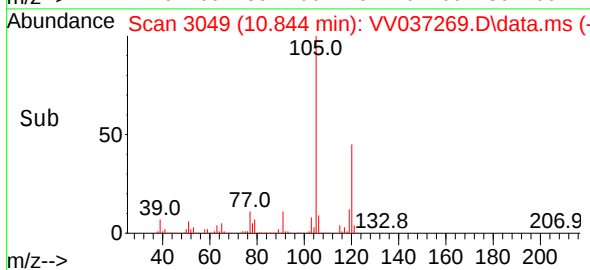
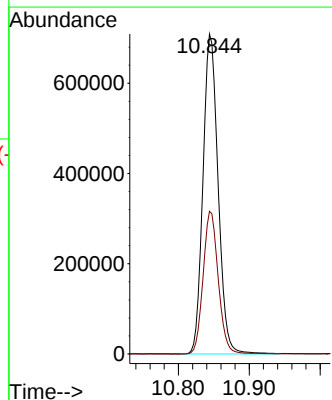
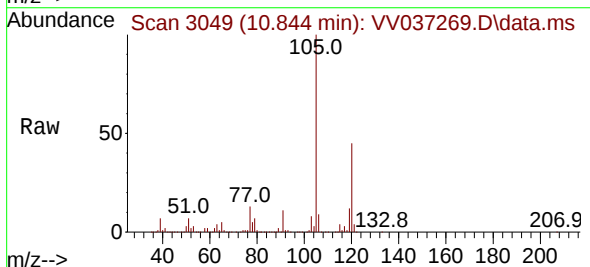
Acq: 12 Sep 2024 15:31

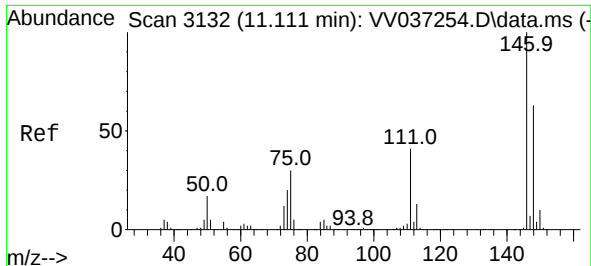
Tgt Ion:105 Resp: 1051455

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 52.871 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

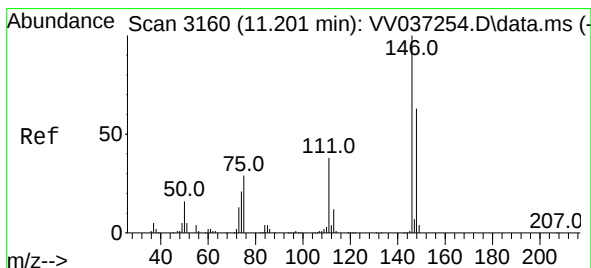
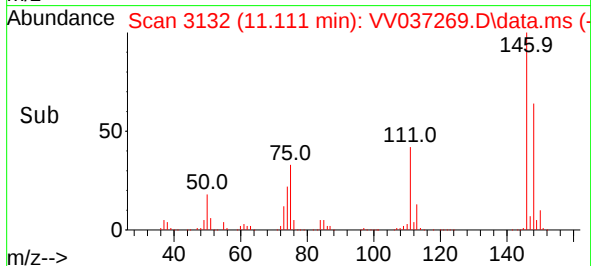
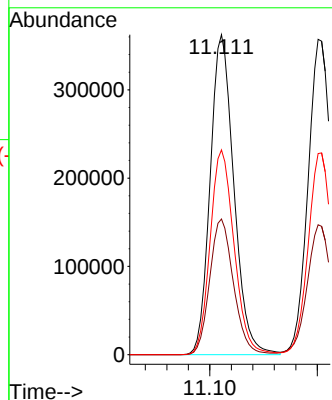
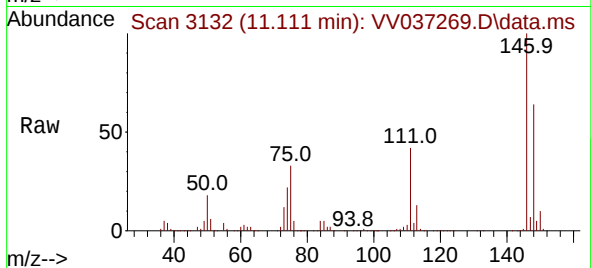
Tgt Ion:146 Resp: 555212

Ion Ratio Lower Upper

146 100

111 42.4 29.7 55.1

148 64.0 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 53.332 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

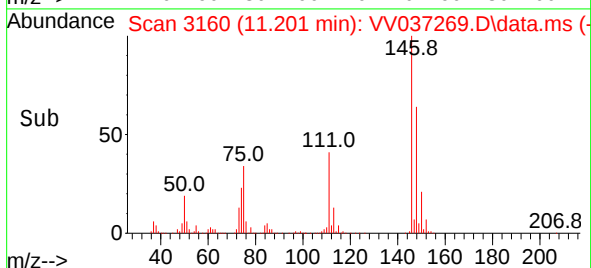
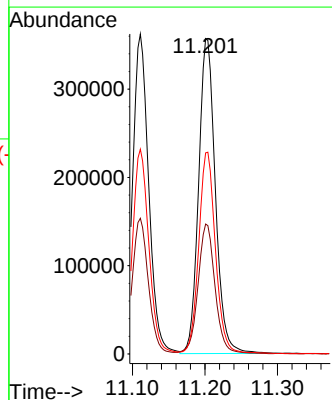
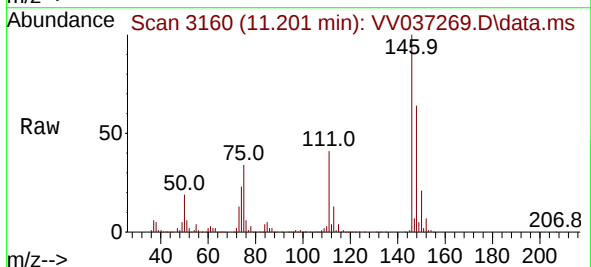
Tgt Ion:146 Resp: 573205

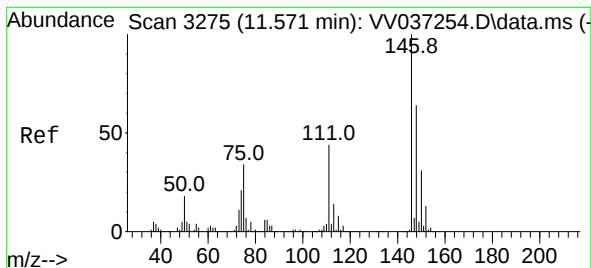
Ion Ratio Lower Upper

146 100

111 41.2 28.1 52.1

148 63.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.882 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

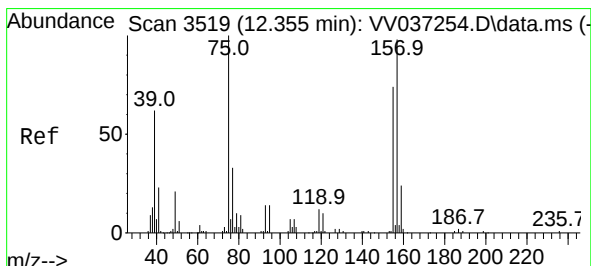
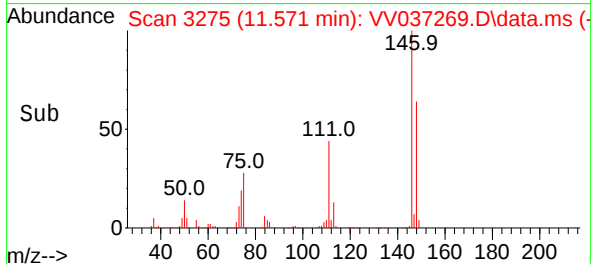
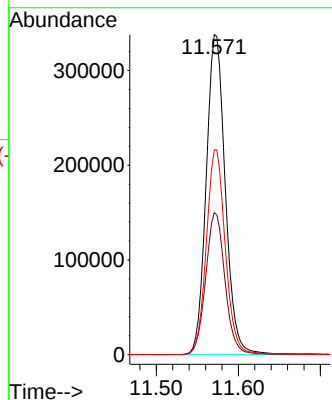
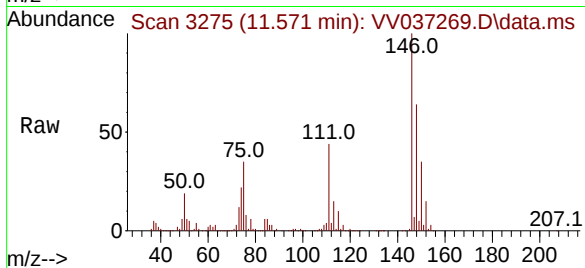
Tgt Ion:146 Resp: 546033

Ion Ratio Lower Upper

146 100

111 44.3 34.6 51.8

148 64.0 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 52.660 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

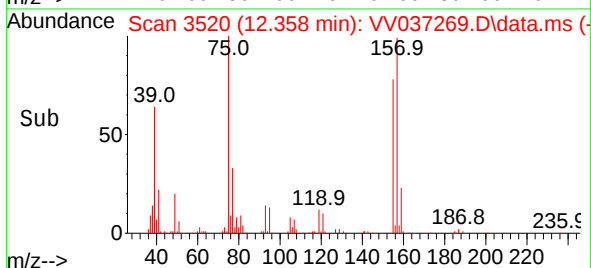
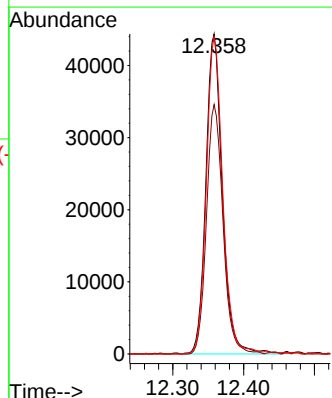
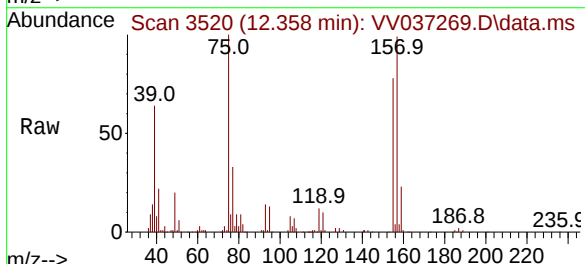
Tgt Ion: 75 Resp: 71665

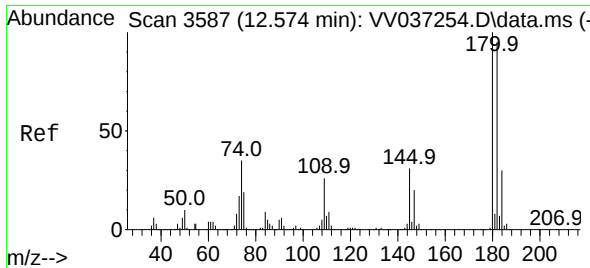
Ion Ratio Lower Upper

75 100

155 78.0 61.8 92.6

157 99.3 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.719 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

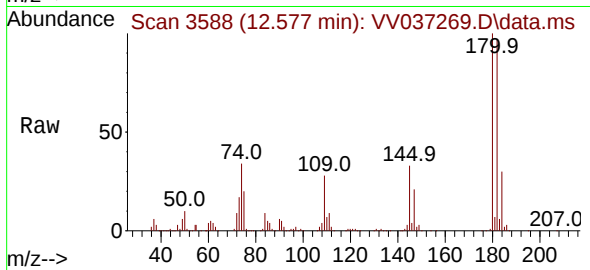
Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 385209

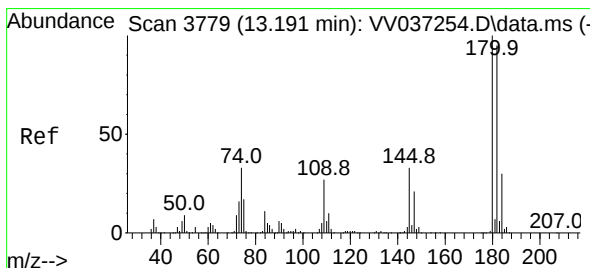
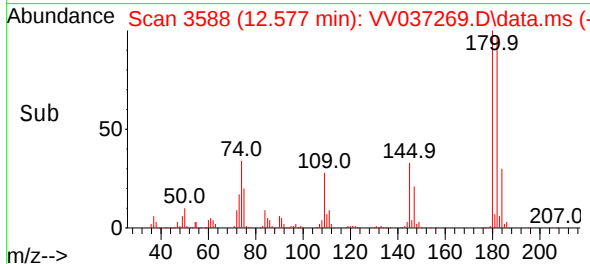
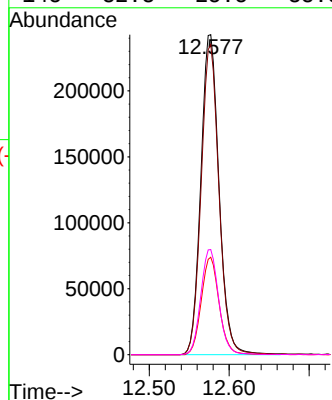
Ion Ratio Lower Upper

180 100

182 94.7 76.7 115.1

184 29.9 24.2 36.2

145 32.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 52.632 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

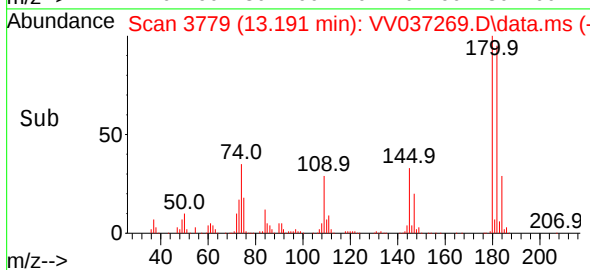
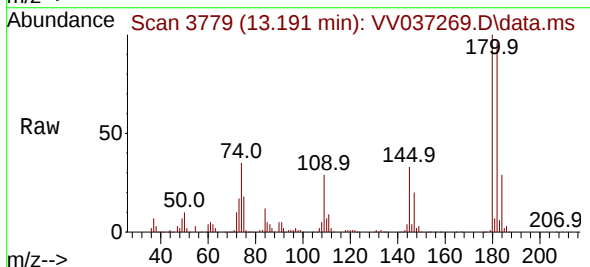
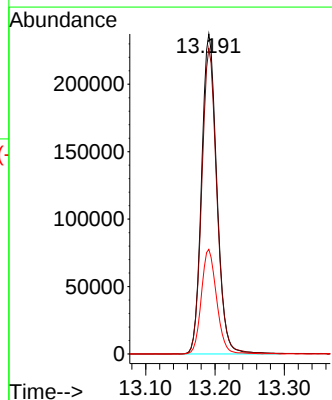
Tgt Ion:180 Resp: 362130

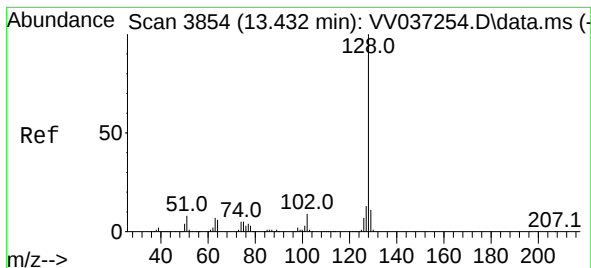
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 32.5 26.0 39.0





#71

Naphthalene

Concen: 51.329 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

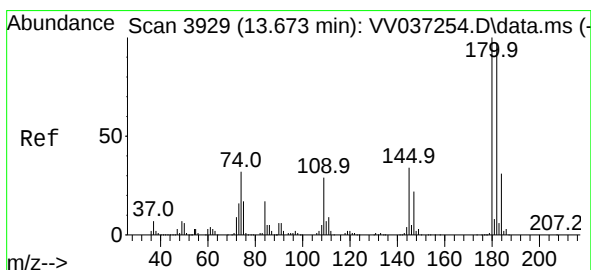
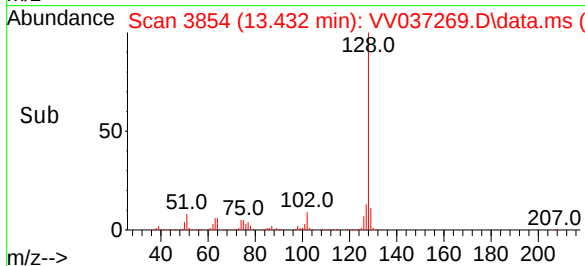
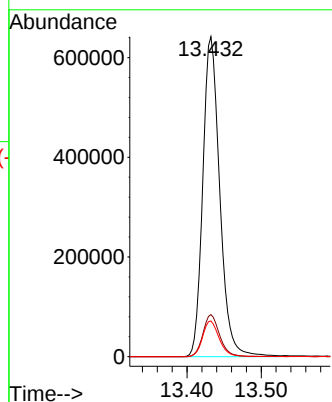
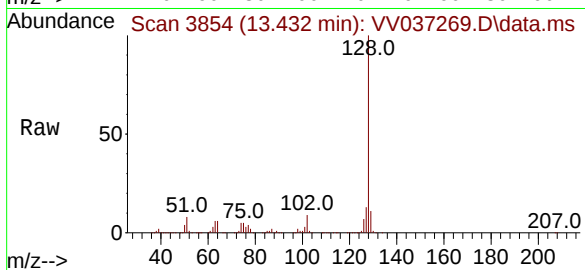
Tgt Ion:128 Resp: 1019805

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.827 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037269.D

Acq: 12 Sep 2024 15:31

Tgt Ion:180 Resp: 351412

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

145 35.0 27.0 40.4

