

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090924\
 Data File : VV037229.D
 Acq On : 09 Sep 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 06 23:21:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	795045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	771751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	396895	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	296447	40.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.520%
7) Chloroethane-d5	1.532	69	234103	41.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.300%
11) 1,1-Dichloroethene-d2	2.057	65	124838	40.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.680%
21) 2-Butanone-d5	3.790	46	213737	75.891	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.890%
24) Chloroform-d	4.240	84	508161	44.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
26) 1,2-Dichloroethane-d4	4.934	65	300002	41.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.700%
32) Benzene-d6	4.950	84	1001178	42.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.900%
36) 1,2-Dichloropropane-d6	5.982	67	315549	43.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.440%
41) Toluene-d8	7.236	98	901977	42.875	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.760%
43) trans-1,3-Dichloroprop...	7.545	79	146937	43.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.000%
47) 2-Hexanone-d5	8.021	63	148001	74.277	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	346936	39.181	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.360%
66) 1,2-Dichlorobenzene-d4	11.551	152	329078	41.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	269551	40.121	ug/L	99
3) Chloromethane	1.217	50	274296	36.303	ug/L	98
5) Vinyl chloride	1.282	62	290391	40.940	ug/L	99
6) Bromomethane	1.487	94	172232	43.334	ug/L	100
8) Chloroethane	1.548	64	180101	41.511	ug/L	100
9) Trichlorofluoromethane	1.712	101	389038	42.029	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	237941	43.218	ug/L	99
12) 1,1-Dichloroethene	2.069	96	215711	41.587	ug/L	98
13) Acetone	2.111	43	238158	78.847	ug/L	99
14) Carbon disulfide	2.240	76	637059	40.457	ug/L	99
15) Methyl Acetate	2.368	43	189554	37.432	ug/L	99
16) Methylene chloride	2.442	84	242633	41.460	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	226628	42.087	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	693109	40.919	ug/L	99
19) 1,1-Dichloroethane	3.105	63	450500	42.128	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	251325	42.239	ug/L	98
22) 2-Butanone	3.870	43	245010	73.673	ug/L	100
23) Bromochloromethane	4.137	128	125486	42.963	ug/L	98
25) Chloroform	4.269	83	447965	41.364	ug/L	98

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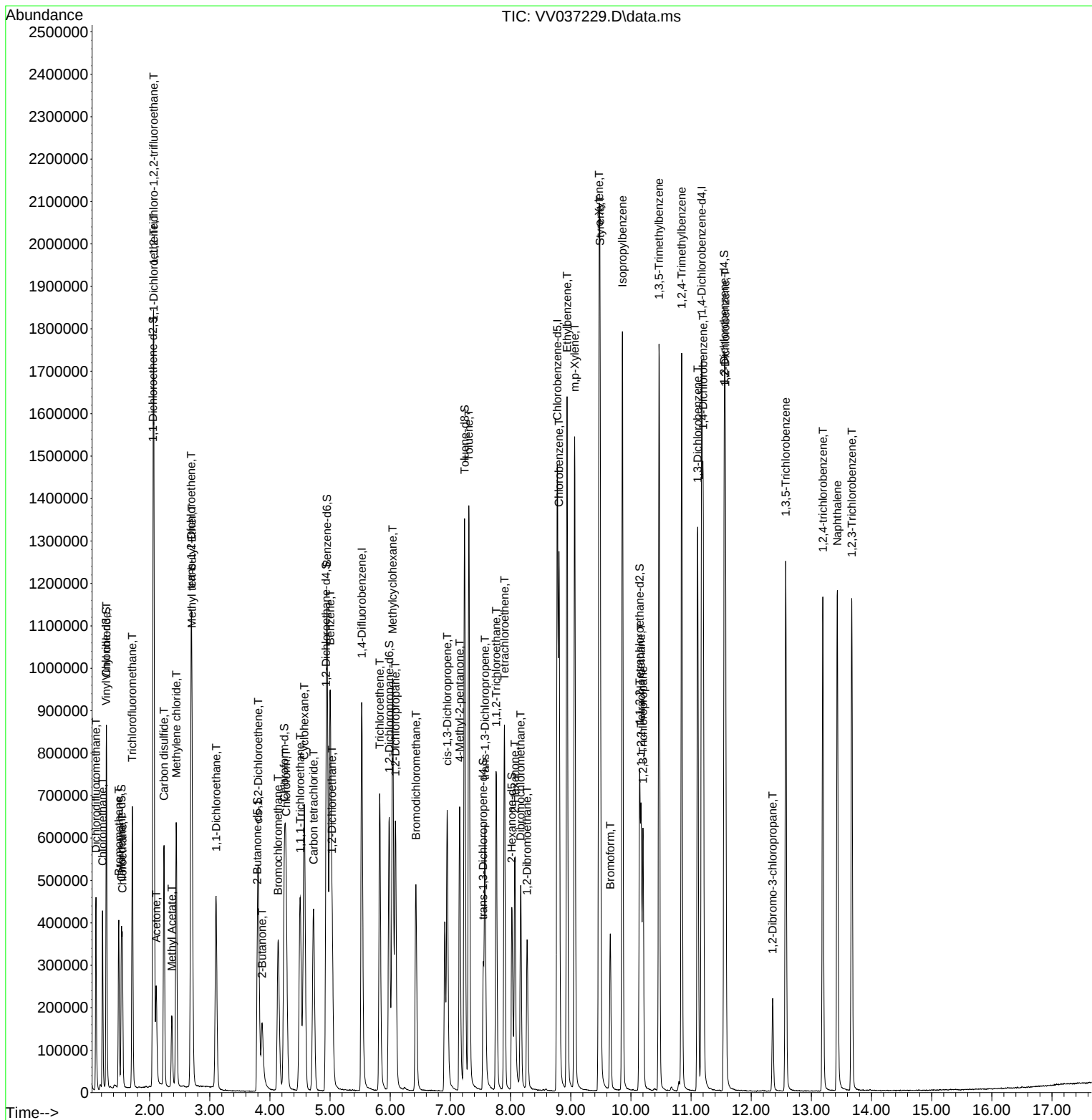
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 MSVOA_V
 ClientSampleId :

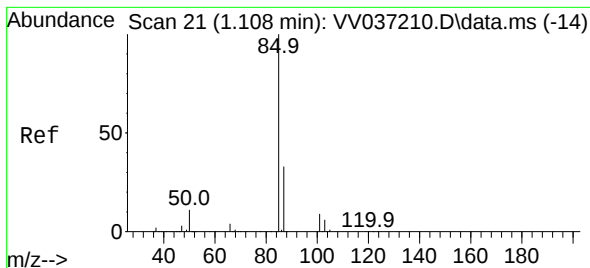
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	330862	41.648	ug/L	100
29) Cyclohexane	4.571	56	372373	41.037	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	378910	42.670	ug/L	100
31) Carbon tetrachloride	4.725	117	325037	43.378	ug/L	99
33) Benzene	5.002	78	954216	42.843	ug/L	100
34) Trichloroethene	5.825	95	252547	42.961	ug/L	99
35) Methylcyclohexane	6.040	83	405899	42.497	ug/L	99
37) 1,2-Dichloropropane	6.085	63	250793	42.002	ug/L	99
38) Bromodichloromethane	6.426	83	331742	43.348	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	413494	43.883	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	451447	74.369	ug/L	99
42) Toluene	7.307	91	997725	43.025	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	366855	43.558	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	229631	41.313	ug/L	98
46) Tetrachloroethene	7.899	164	182224	43.203	ug/L	97
48) 2-Hexanone	8.072	43	344958	73.478	ug/L	100
49) Dibromochloromethane	8.169	129	238950	42.933	ug/L	99
50) 1,2-Dibromoethane	8.275	107	233975	41.599	ug/L	99
51) Chlorobenzene	8.805	112	658455	42.890	ug/L	99
52) Ethylbenzene	8.940	91	1137330	43.420	ug/L	99
53) m,p-Xylene	9.066	106	424111	43.701	ug/L	100
54) o-Xylene	9.471	106	415803	43.758	ug/L	98
55) Styrene	9.487	104	731974	44.394	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	319036	38.755	ug/L	99
59) Bromoform	9.657	173	154778	41.879	ug/L	99
60) Isopropylbenzene	9.860	105	1123890	43.680	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	237209	38.420	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	921263	43.762	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	913224	43.469	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	515113	43.355	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	527515	43.380	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	505806	43.296	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	55864	36.281	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	357069	43.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	331158	42.540	ug/L	99
71) Naphthalene	13.432	128	927704	41.270	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	325793	42.467	ug/L	98

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

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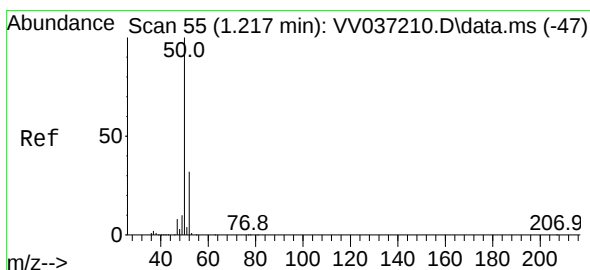
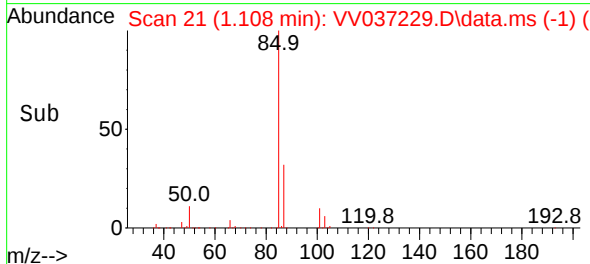
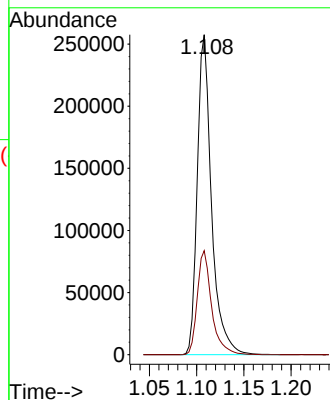
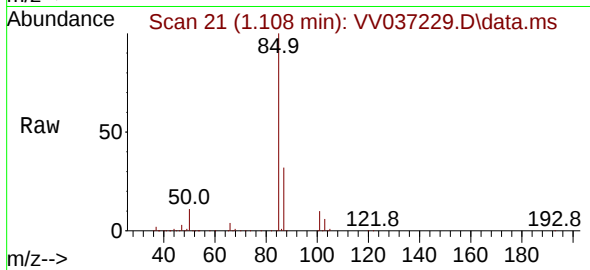




#2
Dichlorodifluoromethane
Concen: 40.121 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

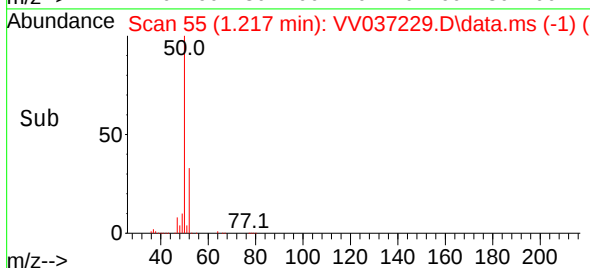
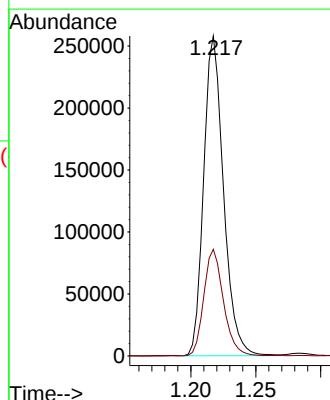
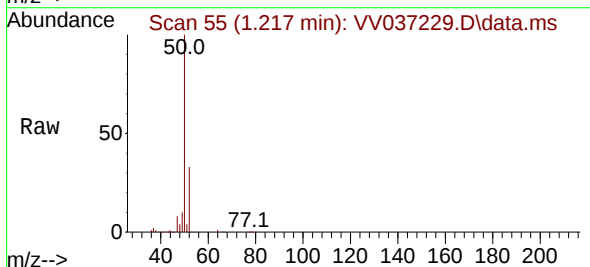
Instrument :
MSVOA_V
ClientSampleId :

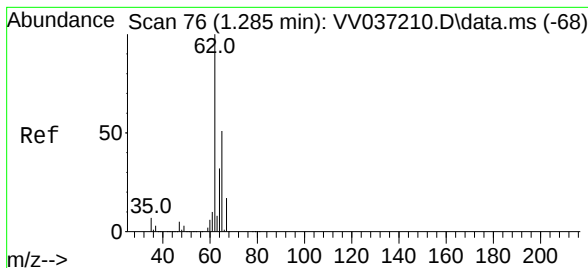
Tgt Ion: 85 Resp: 269551
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 36.303 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion: 50 Resp: 274296
Ion Ratio Lower Upper
50 100
52 33.4 22.5 41.9





#5

Vinyl chloride

Concen: 40.940 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

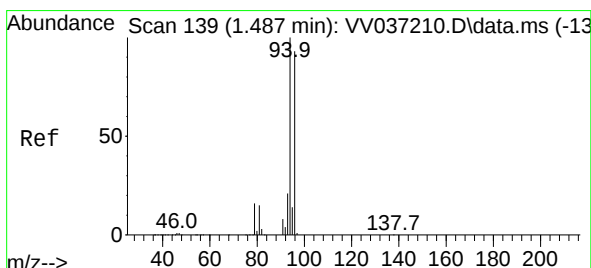
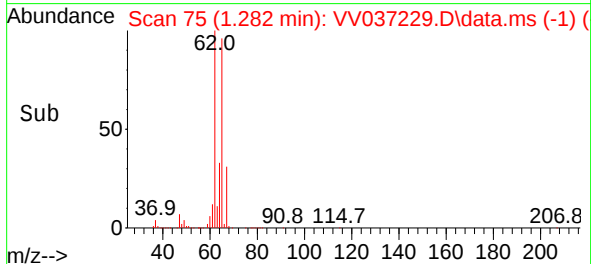
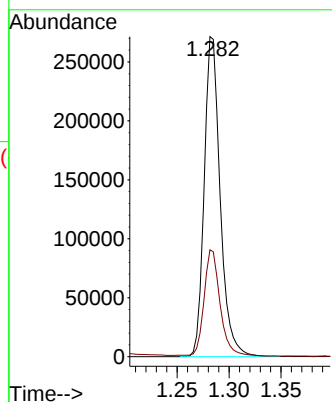
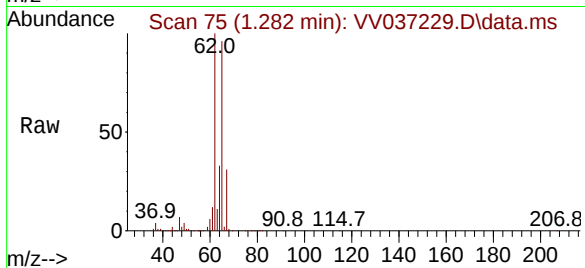
ClientSampleId :

Tgt Ion: 62 Resp: 290391

Ion Ratio Lower Upper

62 100

64 33.4 22.8 42.4



#6

Bromomethane

Concen: 43.334 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037229.D

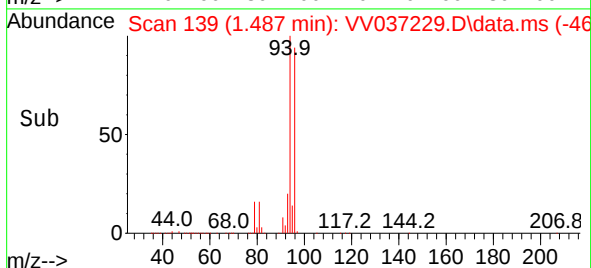
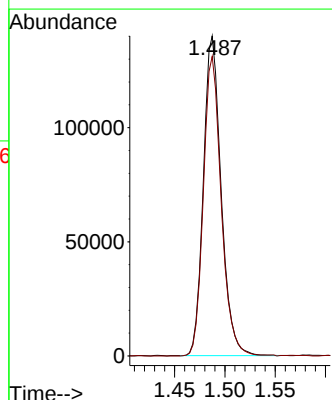
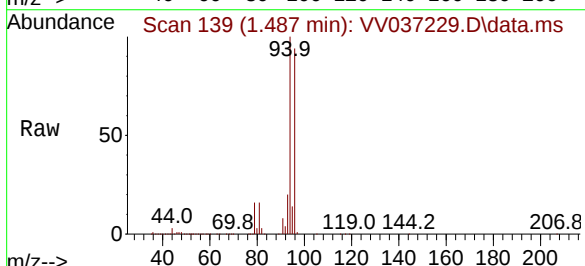
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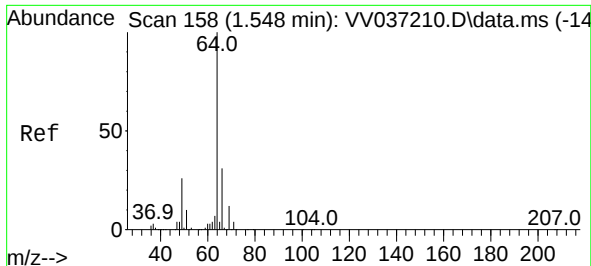
Tgt Ion: 94 Resp: 172232

Ion Ratio Lower Upper

94 100

96 93.6 65.6 121.8

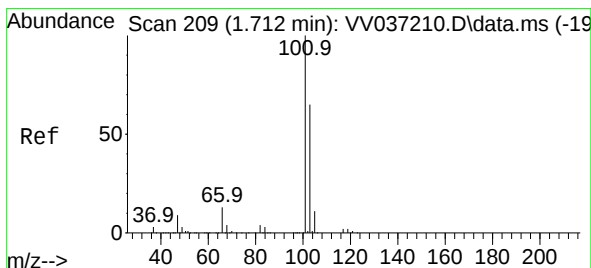
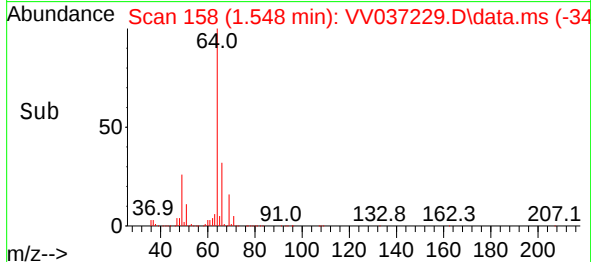
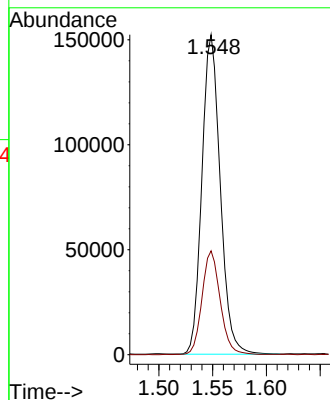
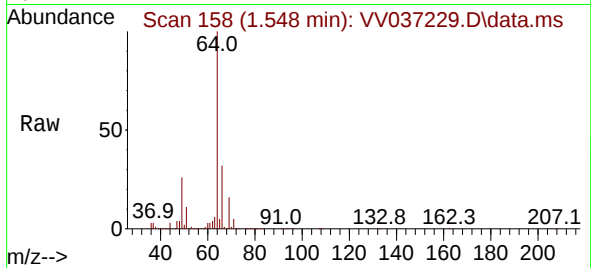




#8
Chloroethane
Concen: 41.511 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

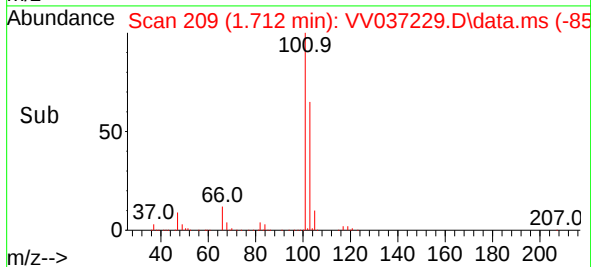
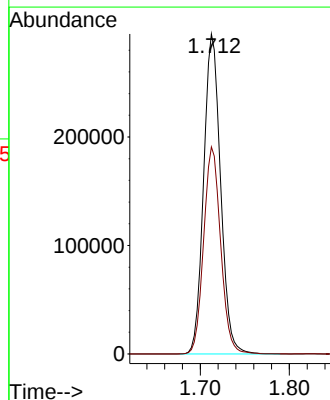
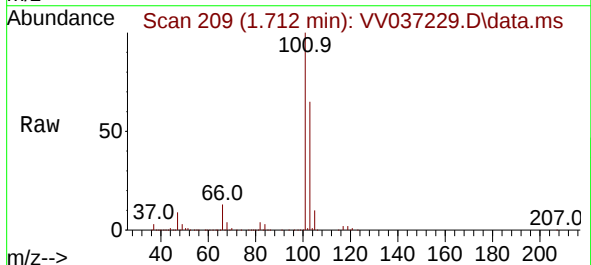
Instrument :
MSVOA_V
ClientSampleId :

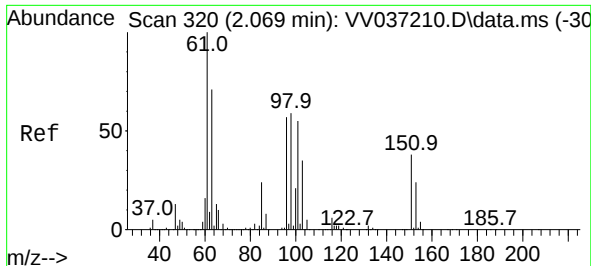
Tgt Ion: 64 Resp: 180101
Ion Ratio Lower Upper
64 100
66 32.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 42.029 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion:101 Resp: 389038
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5





#10

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

Concen: 43.218 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

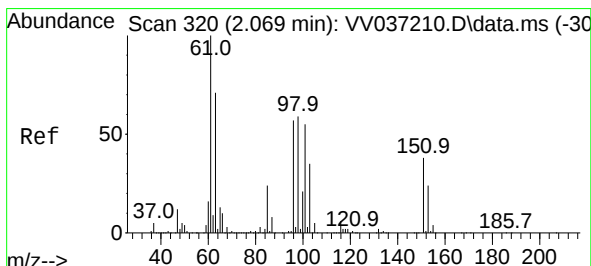
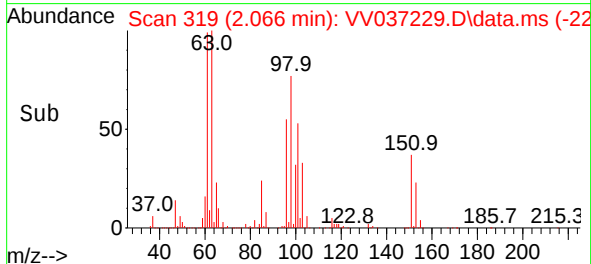
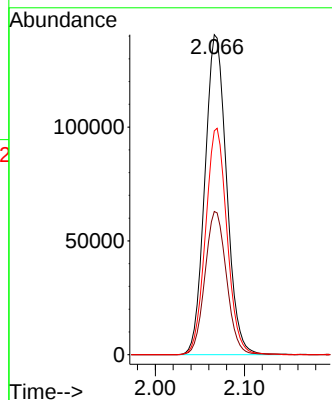
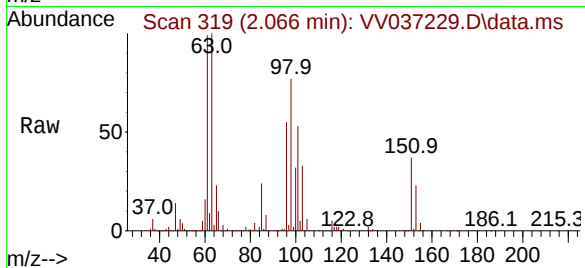
Tgt Ion:101 Resp: 237941

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

151 70.1 55.0 82.4



#12

1,1-Dichloroethene

Concen: 41.587 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

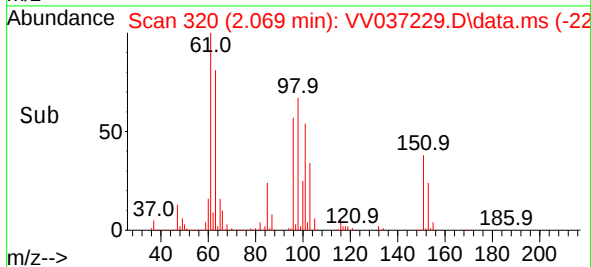
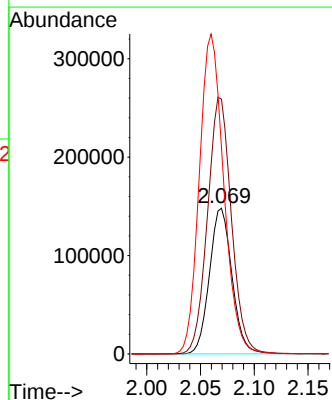
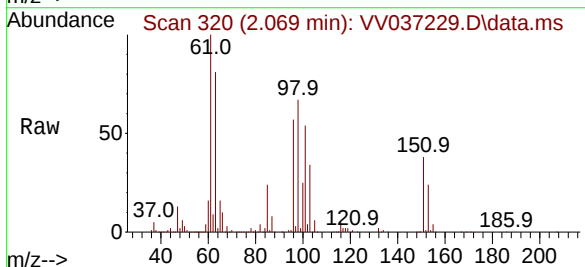
Tgt Ion: 96 Resp: 215711

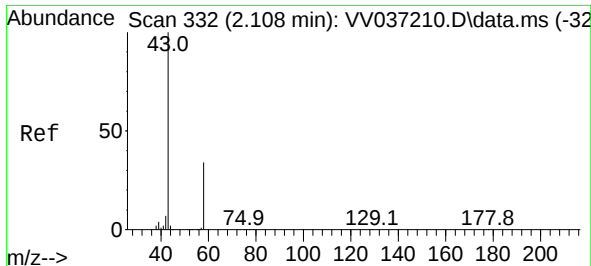
Ion Ratio Lower Upper

96 100

61 174.8 123.8 229.8

63 141.8 96.5 179.1





#13

Acetone

Concen: 78.847 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

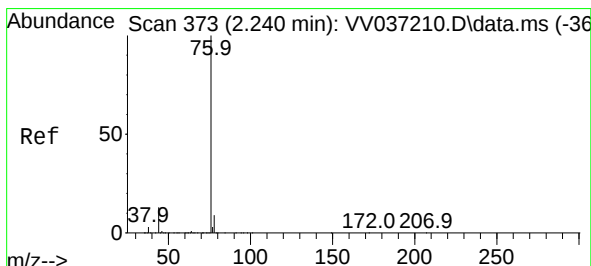
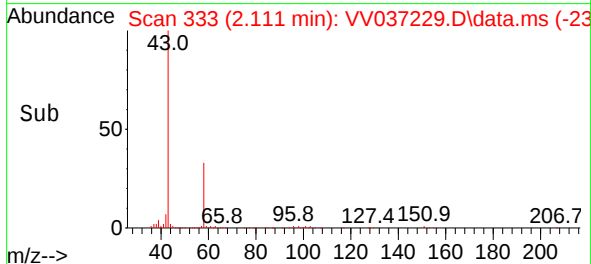
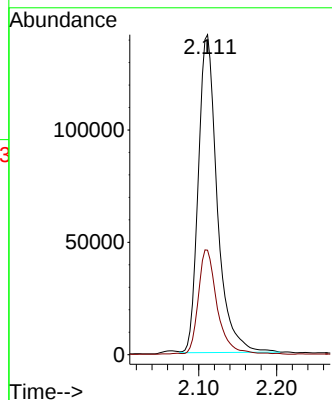
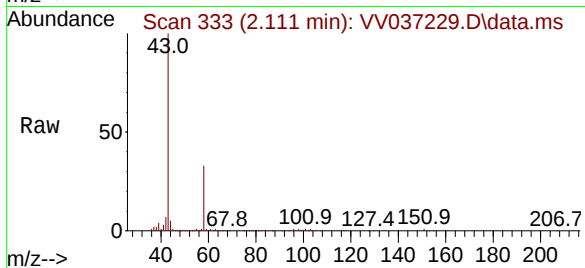
ClientSampleId :

Tgt Ion: 43 Resp: 238158

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.8



#14

Carbon disulfide

Concen: 40.457 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037229.D

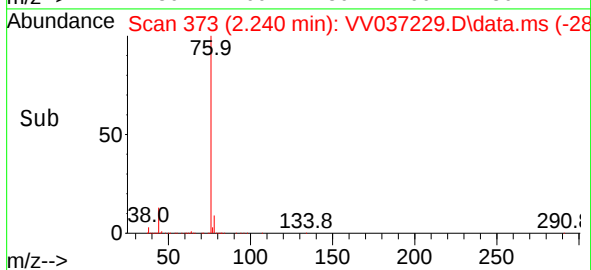
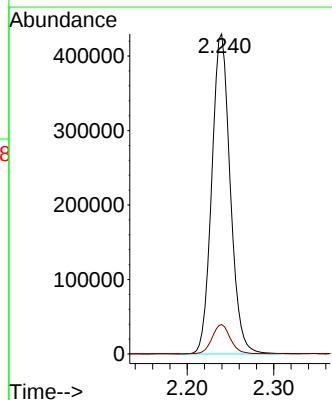
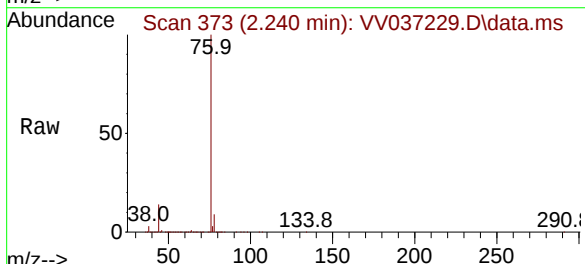
Acq: 09 Sep 2024 08:49

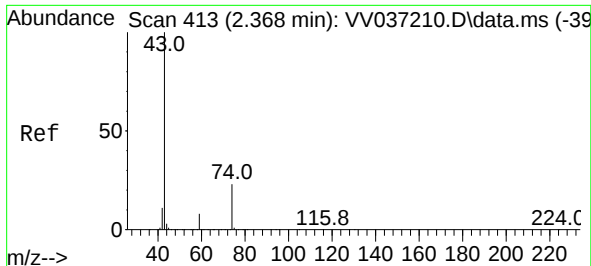
Tgt Ion: 76 Resp: 637059

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

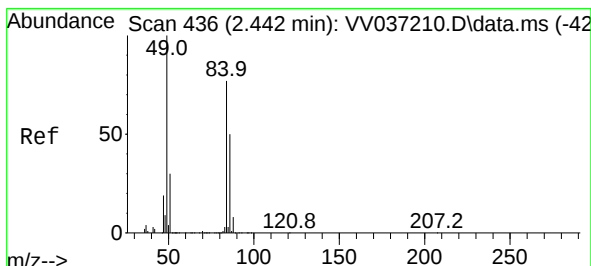
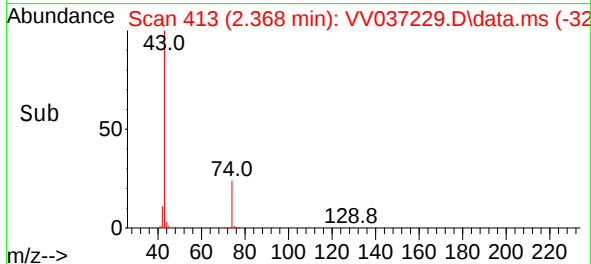
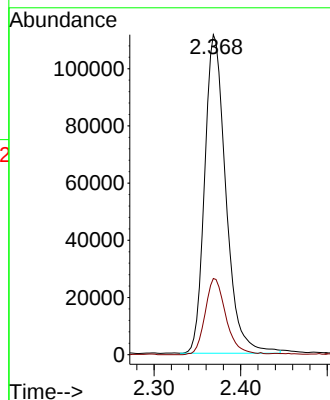
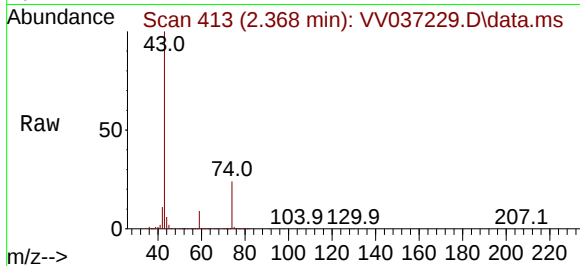




#15
Methyl Acetate
Concen: 37.432 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

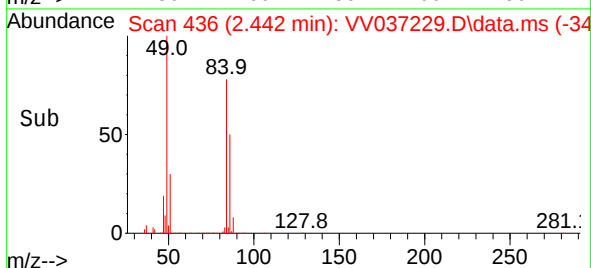
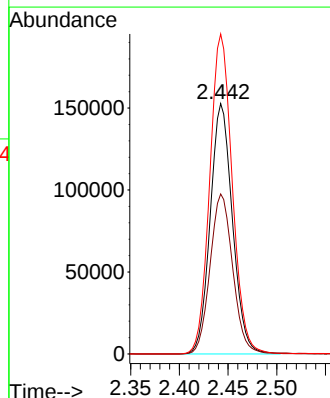
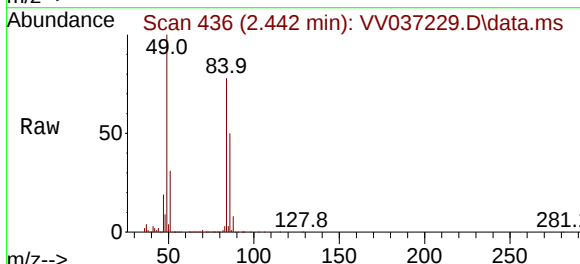
Instrument :
MSVOA_V
ClientSampleId :

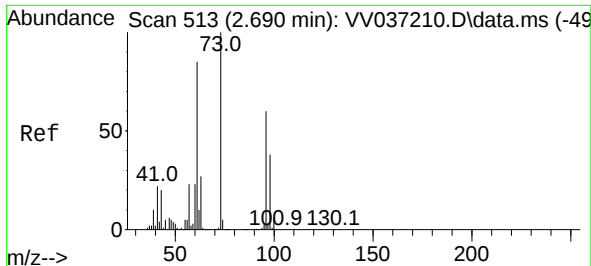
Tgt Ion: 43 Resp: 189554
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6



#16
Methylene chloride
Concen: 41.460 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion: 84 Resp: 242633
Ion Ratio Lower Upper
84 100
86 63.9 44.7 82.9
49 127.8 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 42.087 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

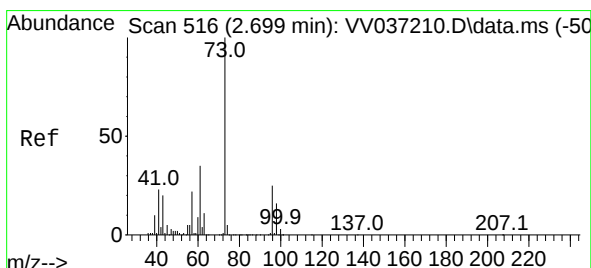
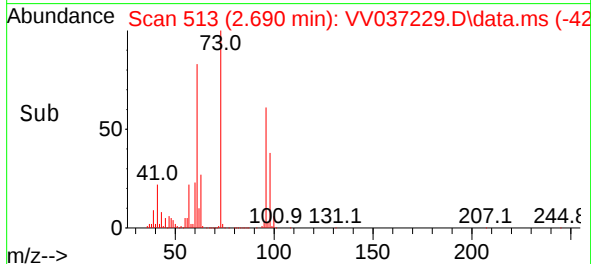
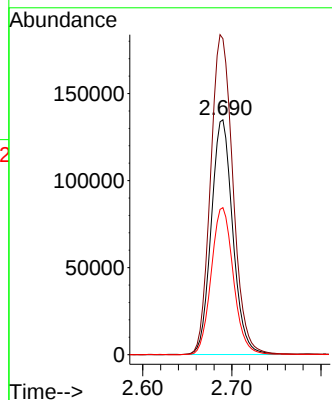
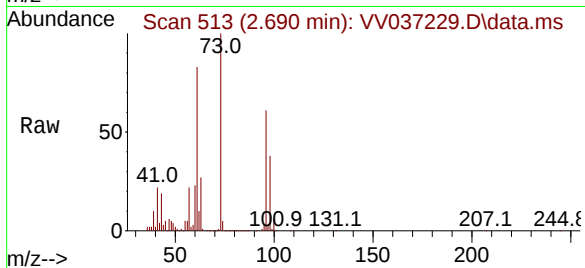
Tgt Ion: 96 Resp: 226628

Ion Ratio Lower Upper

96 100

61 134.5 102.3 189.9

98 62.6 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 40.919 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

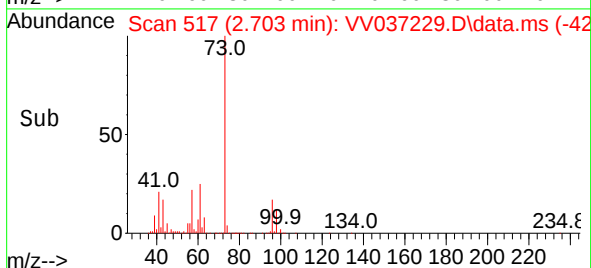
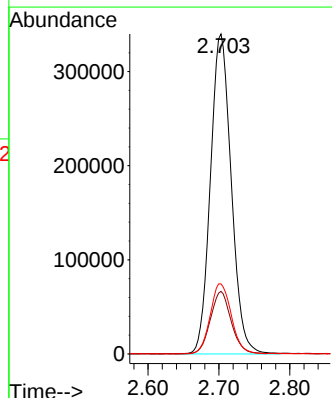
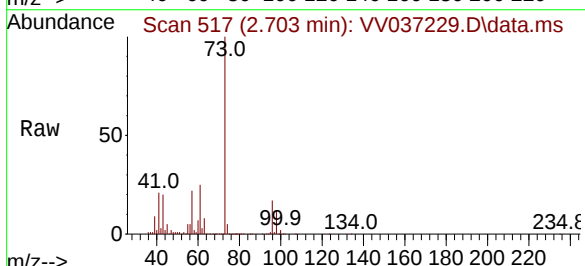
Tgt Ion: 73 Resp: 693109

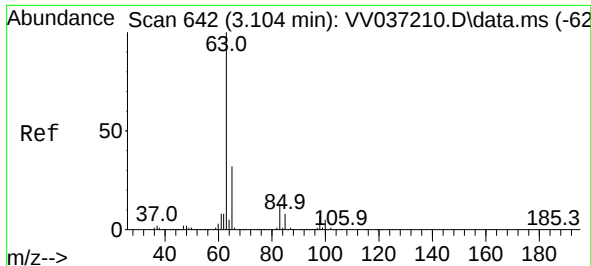
Ion Ratio Lower Upper

73 100

43 19.2 15.8 23.6

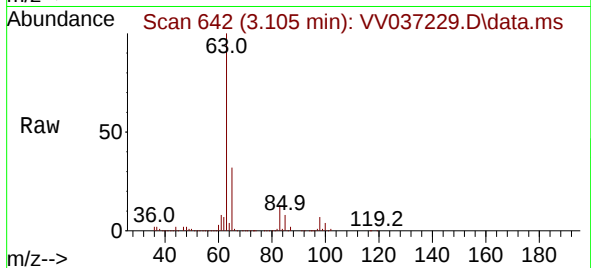
57 22.4 18.1 27.1



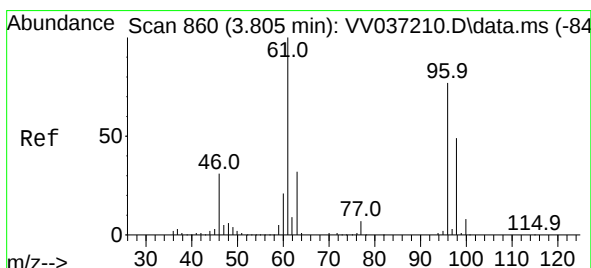
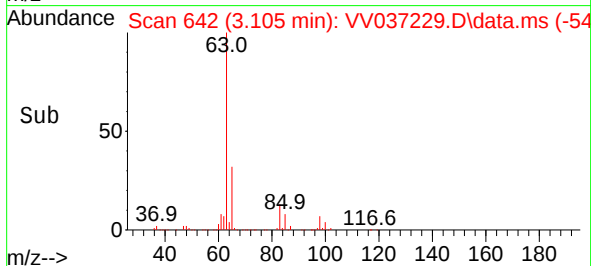
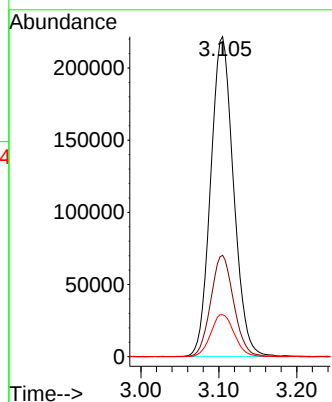


#19
1,1-Dichloroethane
Concen: 42.128 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Instrument :
MSVOA_V
ClientSampleId :

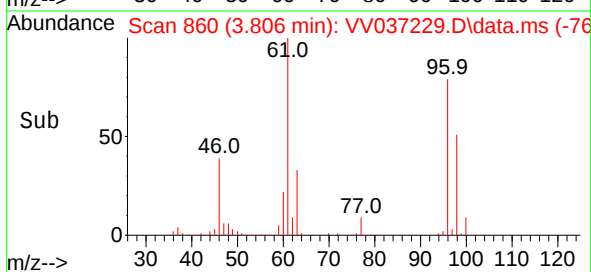
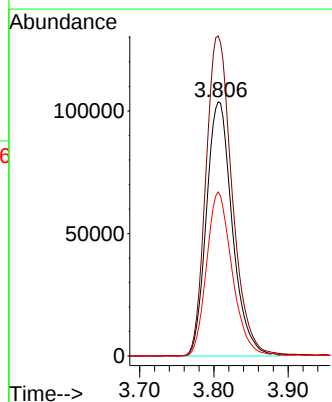
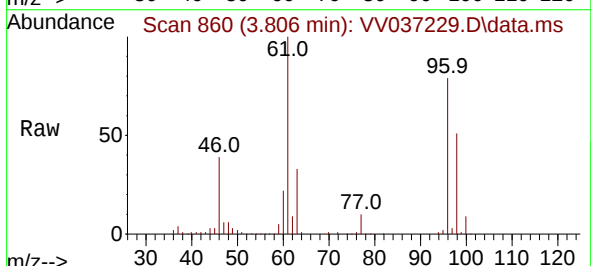


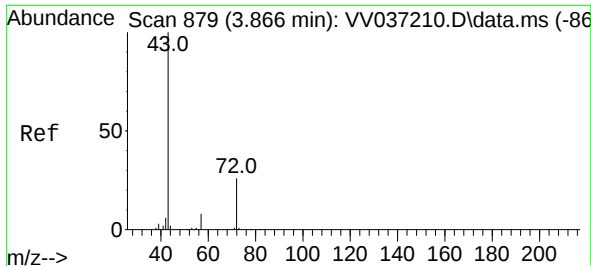
Tgt Ion: 63 Resp: 450500
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 42.239 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion: 96 Resp: 251325
Ion Ratio Lower Upper
96 100
61 126.0 89.9 166.9
98 64.5 44.8 83.2

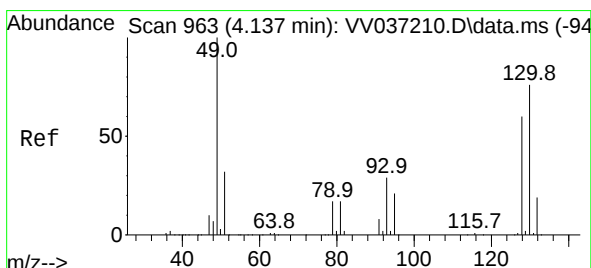
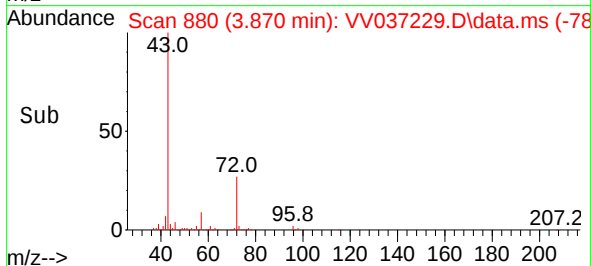
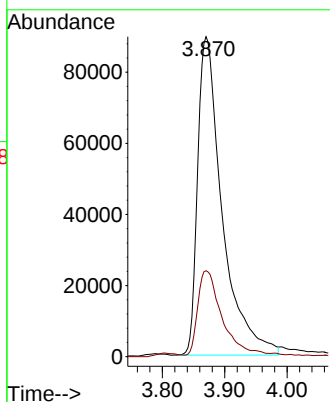
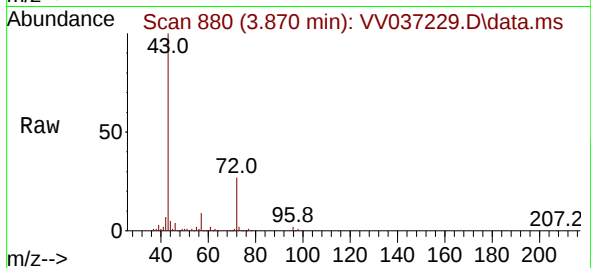




#22
2-Butanone
Concen: 73.673 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

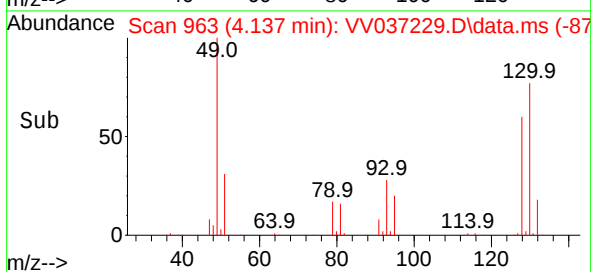
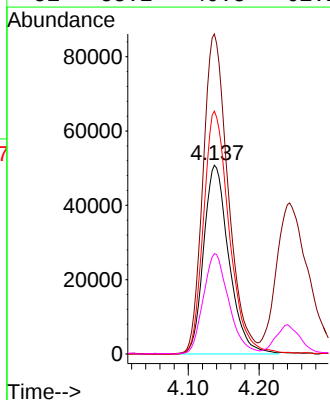
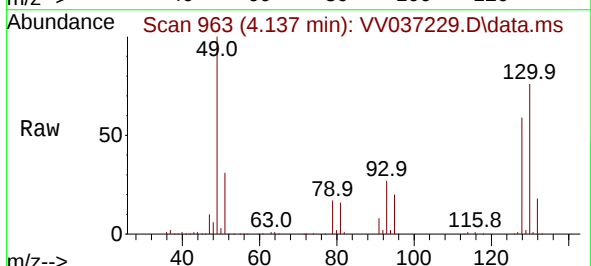
Instrument :
MSVOA_V
ClientSampleId :

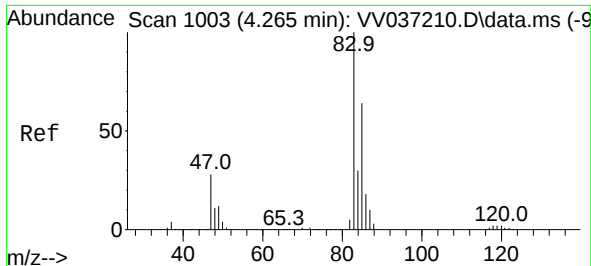
Tgt Ion: 43 Resp: 245010
Ion Ratio Lower Upper
43 100
72 25.1 12.7 38.0



#23
Bromochloromethane
Concen: 42.963 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion:128 Resp: 125486
Ion Ratio Lower Upper
128 100
49 169.5 117.2 217.6
130 128.7 87.6 162.8
51 53.2 40.8 61.2





#25

Chloroform

Concen: 41.364 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

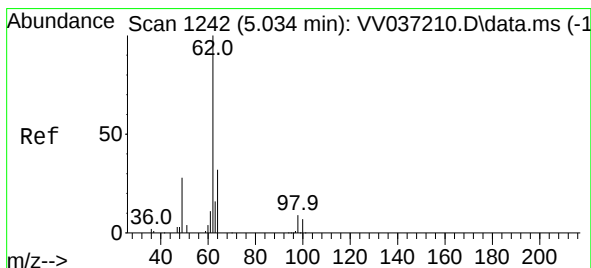
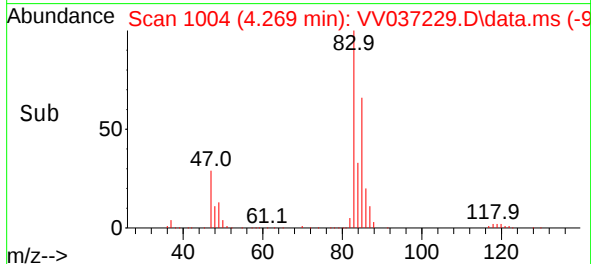
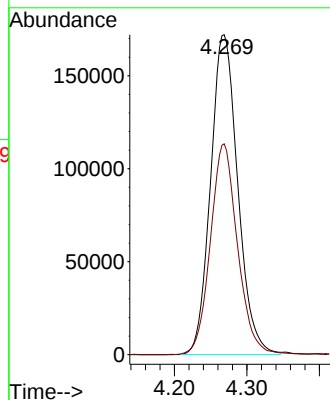
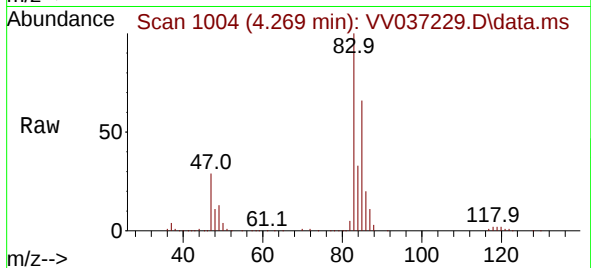
ClientSampleId :

Tgt Ion: 83 Resp: 447965

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 41.648 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV037229.D

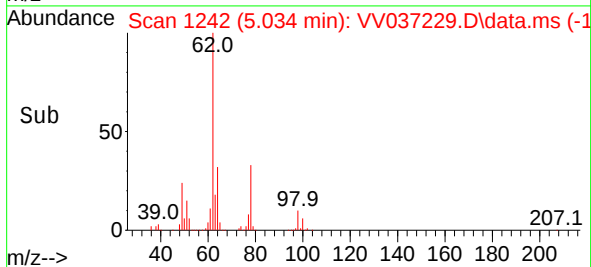
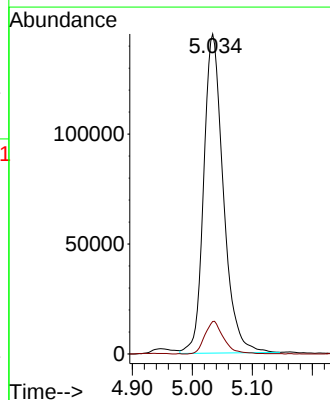
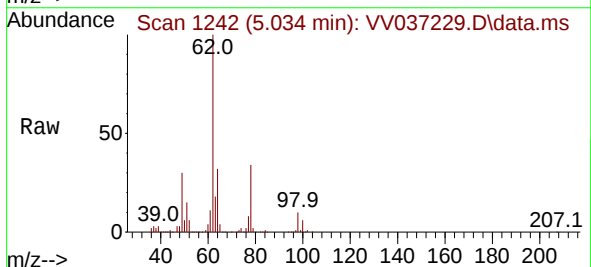
Acq: 09 Sep 2024 08:49

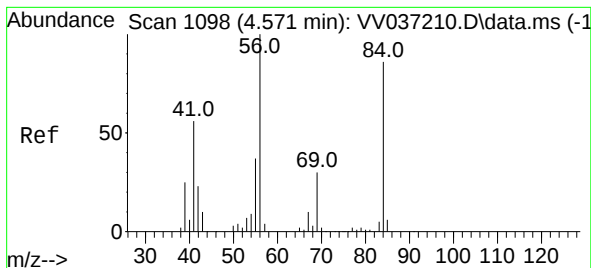
Tgt Ion: 62 Resp: 330862

Ion Ratio Lower Upper

62 100

98 10.2 8.0 12.0





#29

Cyclohexane

Concen: 41.037 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

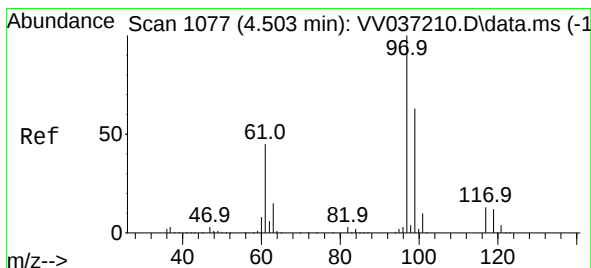
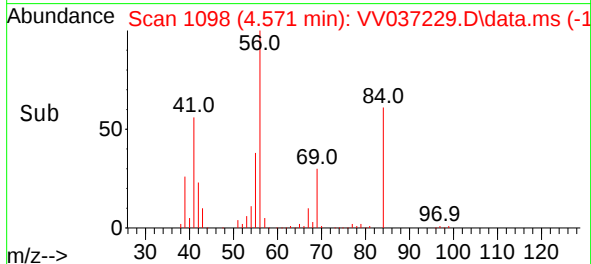
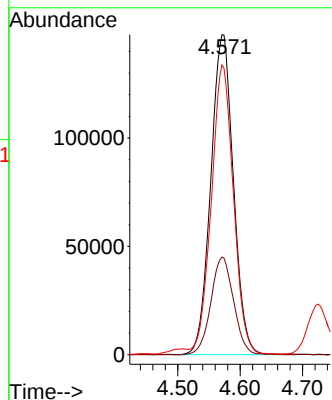
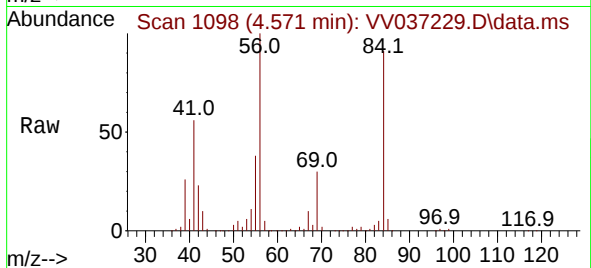
Tgt Ion: 56 Resp: 372373

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 87.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 42.670 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

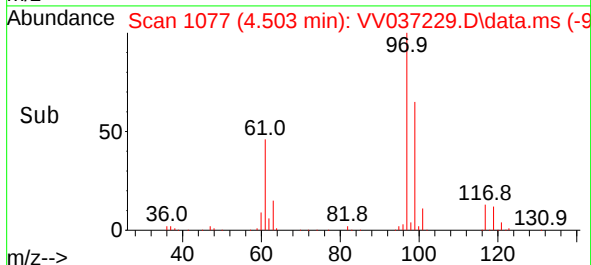
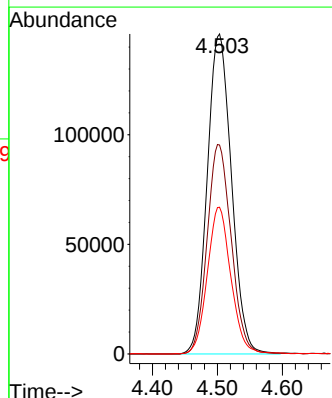
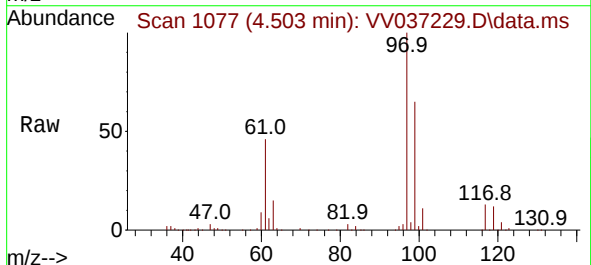
Tgt Ion: 97 Resp: 378910

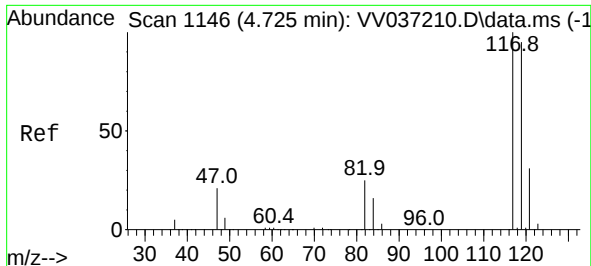
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 44.7 35.8 53.6

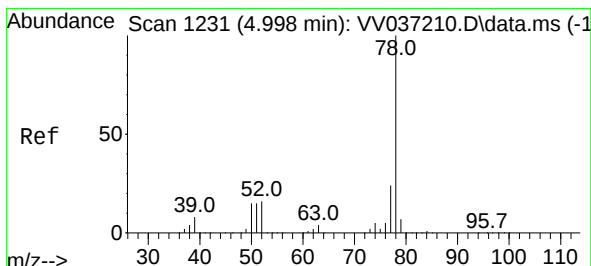
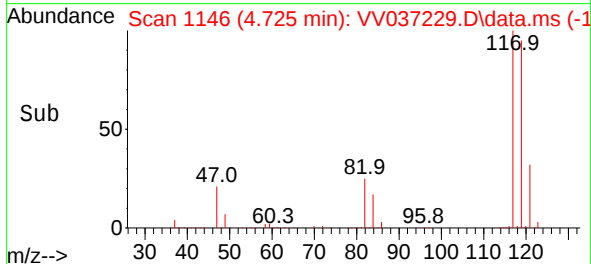
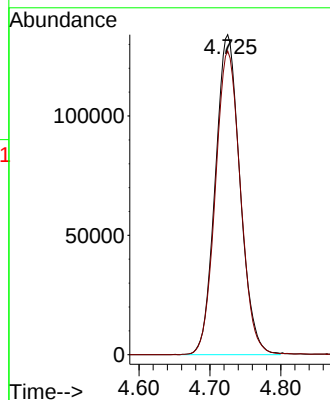
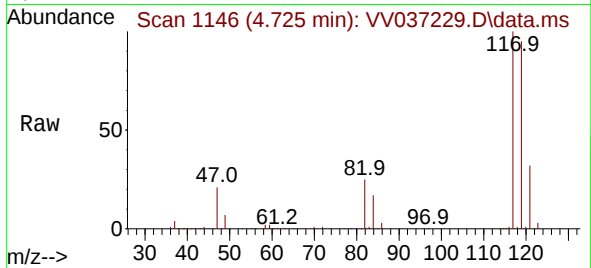




#31
Carbon tetrachloride
Concen: 43.378 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

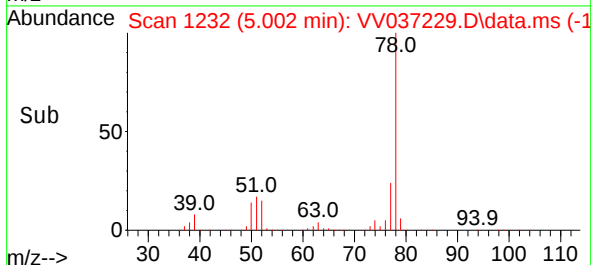
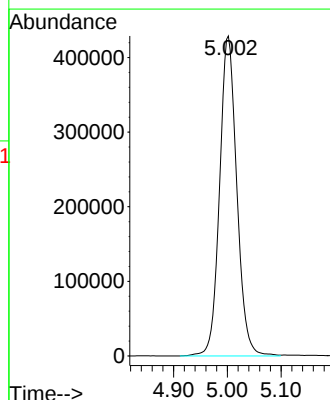
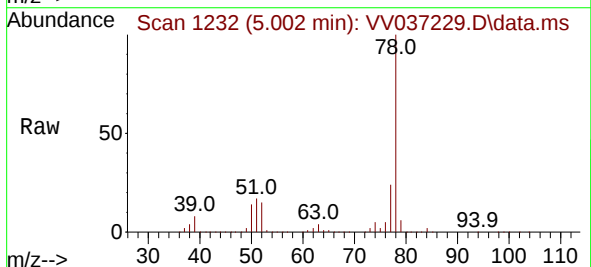
Instrument :
MSVOA_V
ClientSampleId :

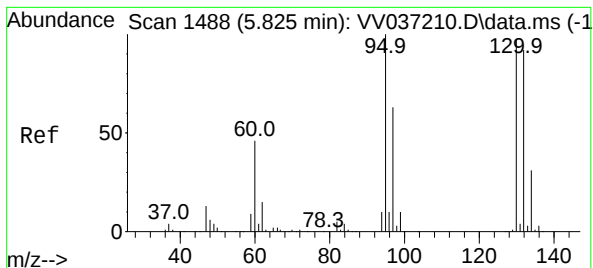
Tgt Ion:117 Resp: 325037
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6



#33
Benzene
Concen: 42.843 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion: 78 Resp: 954216





#34

Trichloroethene

Concen: 42.961 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 252547

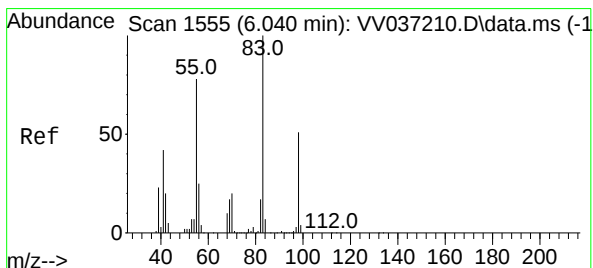
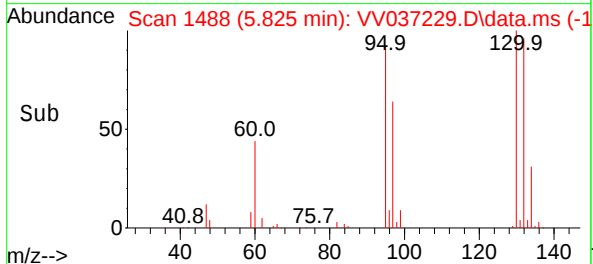
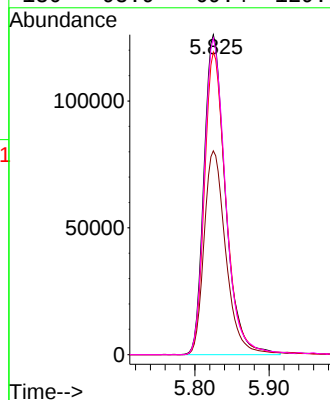
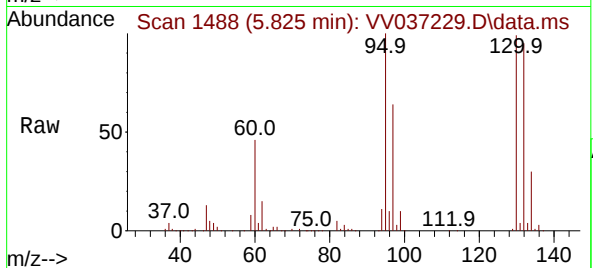
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.5

132 94.5 64.9 120.5

130 98.9 69.4 129.0



#35

Methylcyclohexane

Concen: 42.497 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

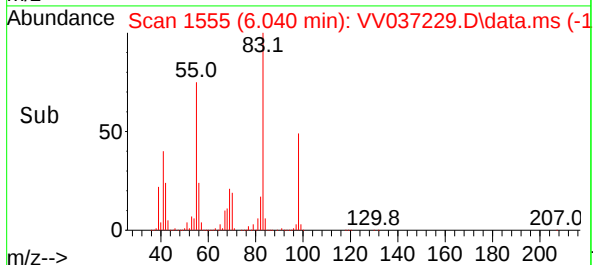
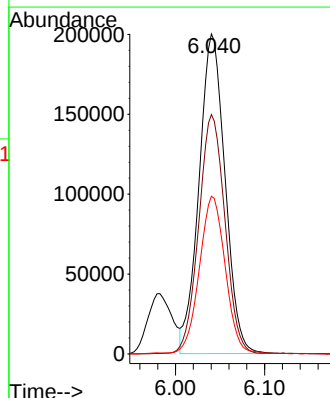
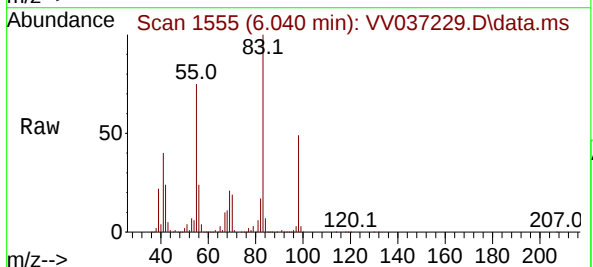
Tgt Ion: 83 Resp: 405899

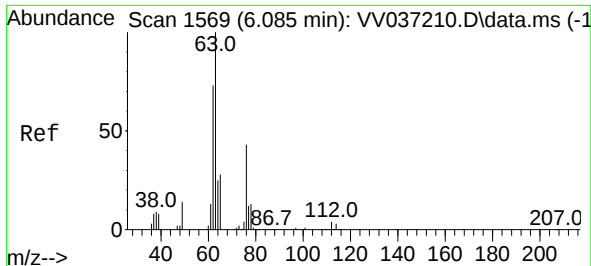
Ion Ratio Lower Upper

83 100

55 75.7 61.2 91.8

98 48.9 39.3 58.9

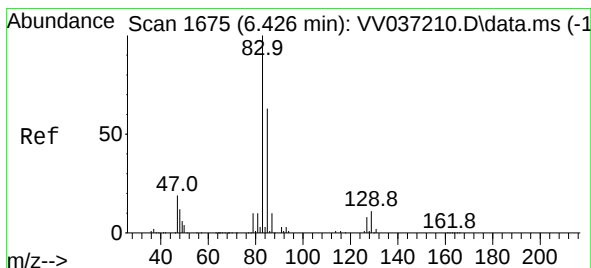
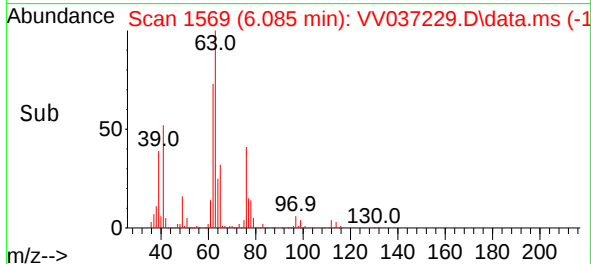
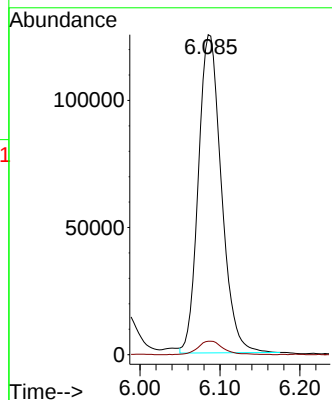
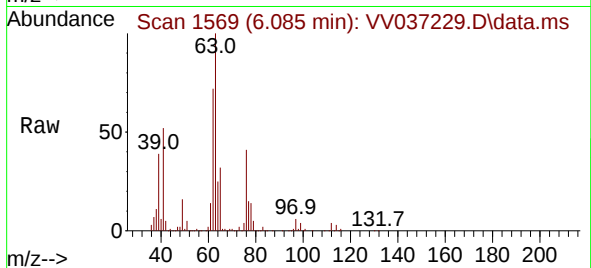




#37
1,2-Dichloropropane
Concen: 42.002 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

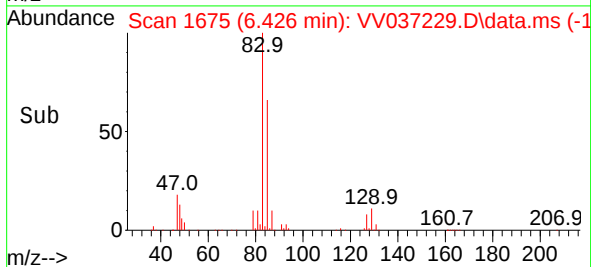
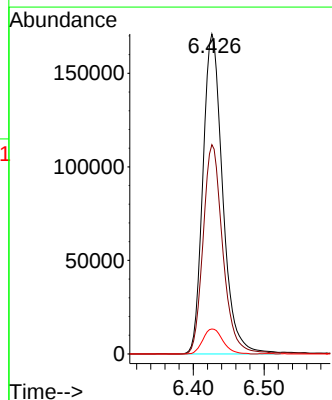
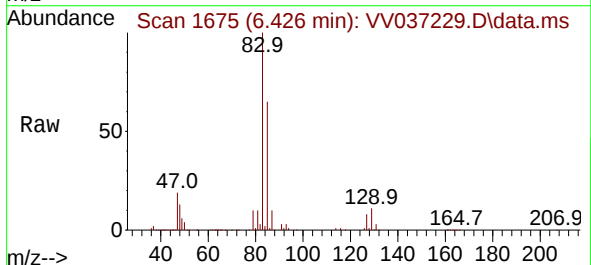
Instrument :
MSVOA_V
ClientSampleId :

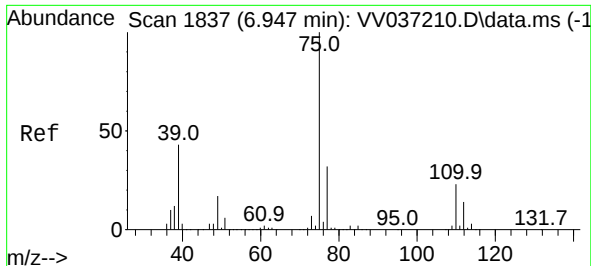
Tgt Ion: 63 Resp: 250793
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 43.348 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion: 83 Resp: 331742
Ion Ratio Lower Upper
83 100
85 65.4 44.5 82.7
127 7.8 6.1 9.1

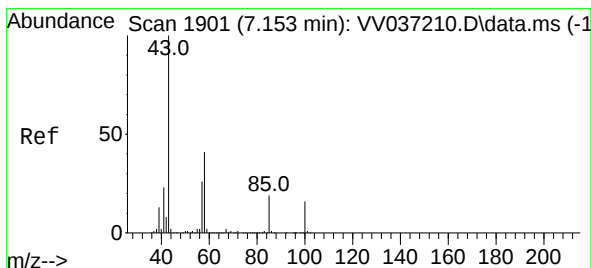
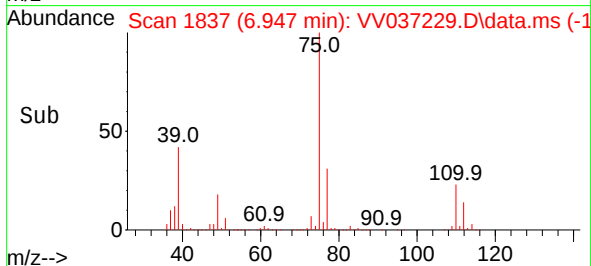
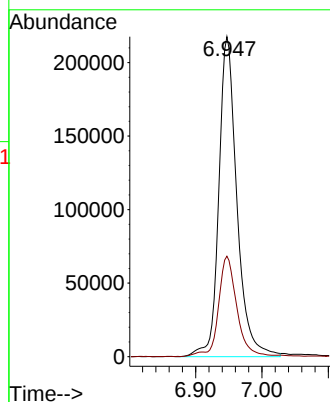
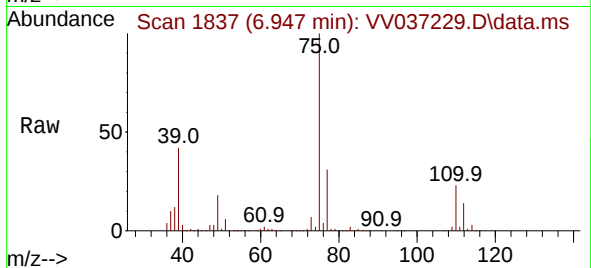




#39
 cis-1,3-Dichloropropene
 Concen: 43.883 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV037229.D
 Acq: 09 Sep 2024 08:49

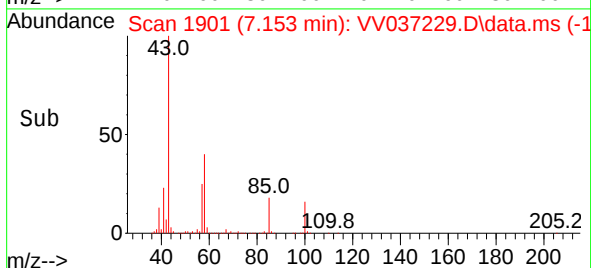
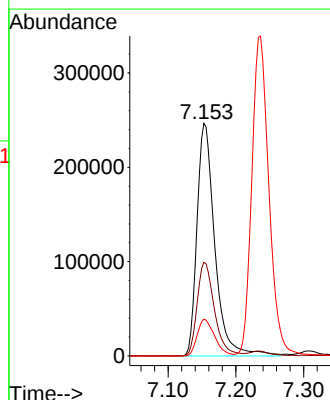
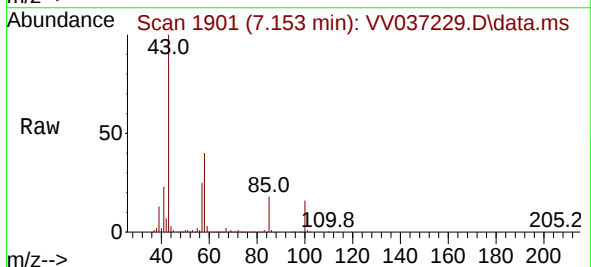
Instrument :
 MSVOA_V
 ClientSampleId :

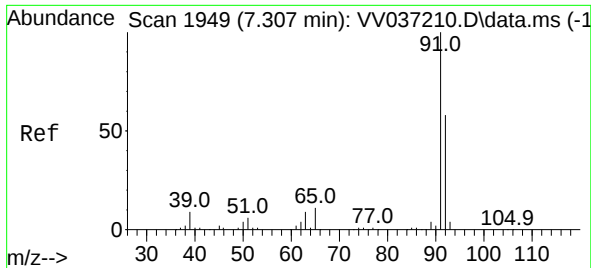
Tgt Ion: 75 Resp: 413494
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 74.369 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV037229.D
 Acq: 09 Sep 2024 08:49

Tgt Ion: 43 Resp: 451447
 Ion Ratio Lower Upper
 43 100
 58 38.9 32.0 48.0
 100 15.4 12.4 18.6





#42

Toluene

Concen: 43.025 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

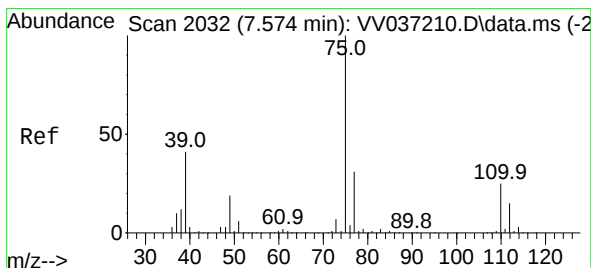
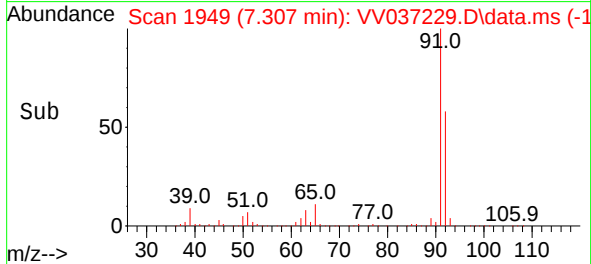
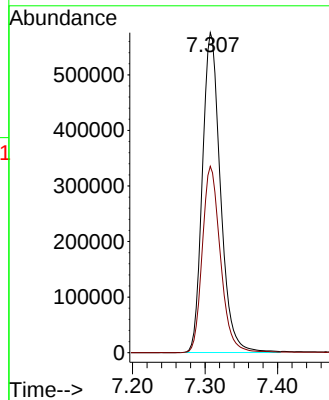
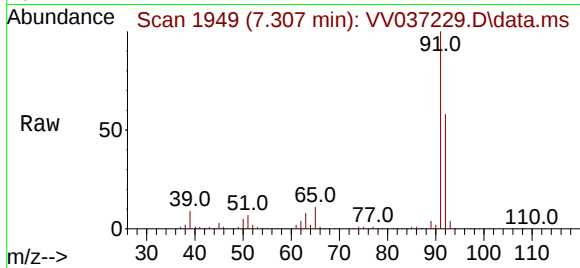
ClientSampleId :

Tgt Ion: 91 Resp: 997725

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 43.558 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037229.D

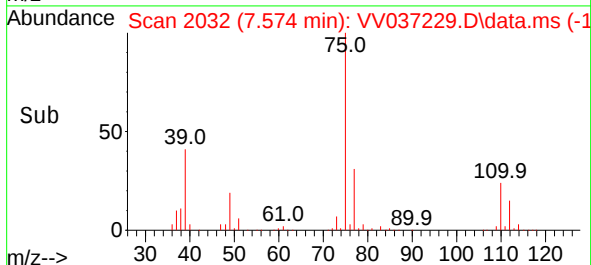
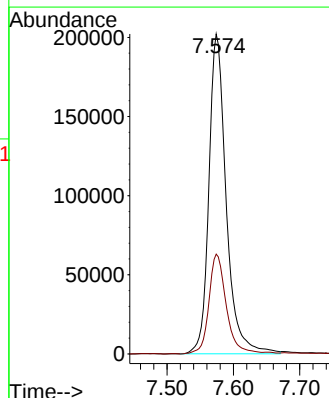
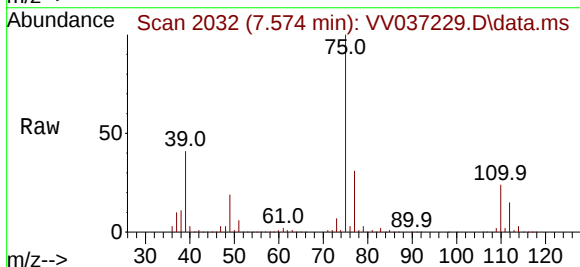
Acq: 09 Sep 2024 08:49

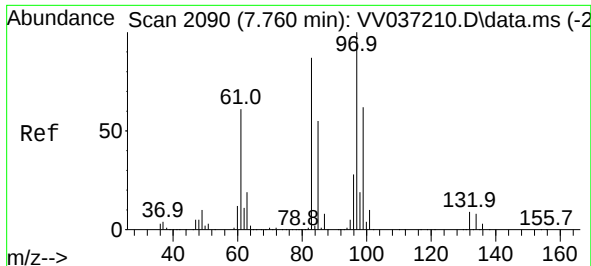
Tgt Ion: 75 Resp: 366855

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8



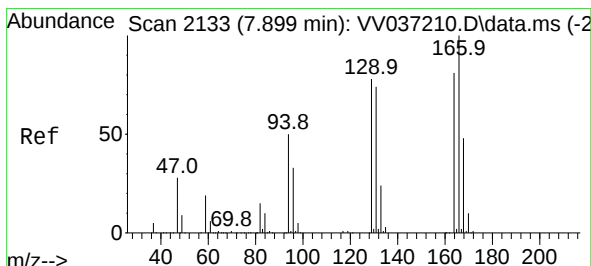
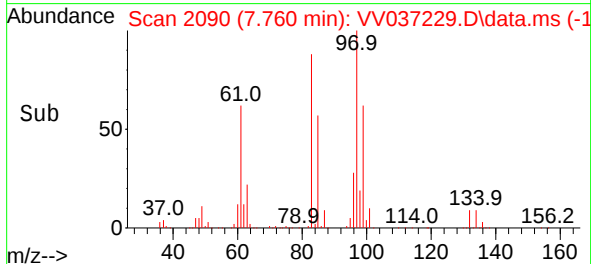
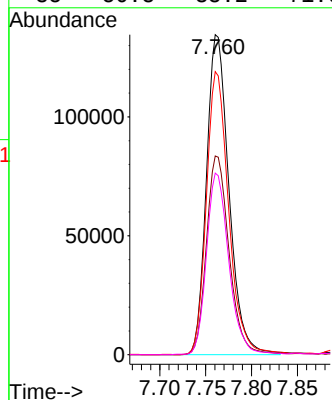
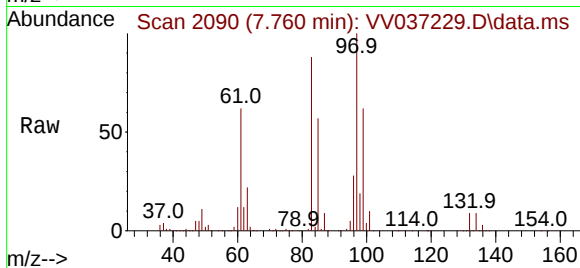


#45
1,1,2-Trichloroethane
Concen: 41.313 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 229631

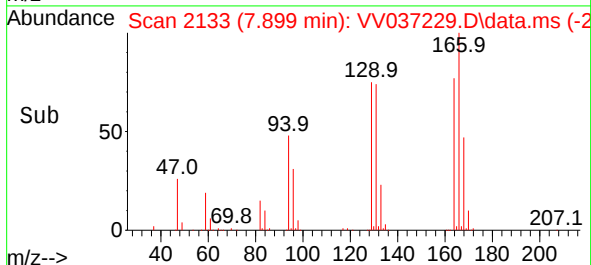
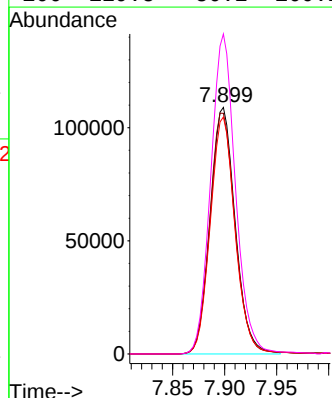
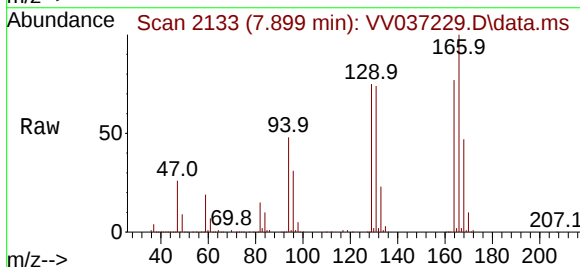
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.6	79.0
83	88.5	60.5	112.3
85	56.8	38.2	71.0

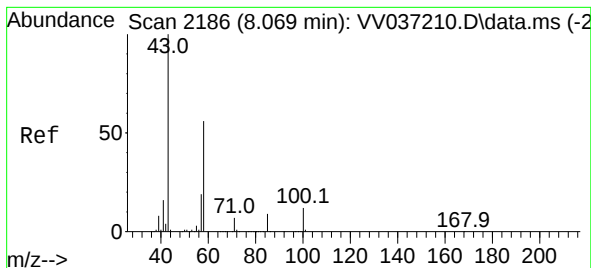


#46
Tetrachloroethene
Concen: 43.203 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion: 164 Resp: 182224

Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.1	124.7
131	96.1	67.0	124.4
166	129.8	86.2	160.2





#48

2-Hexanone

Concen: 73.478 ug/L

RT: 8.072 min Scan# 2186

Delta R.T. 0.003 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 344958

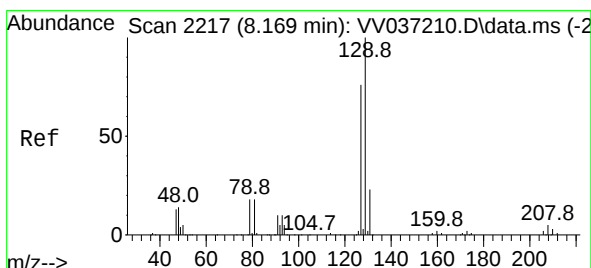
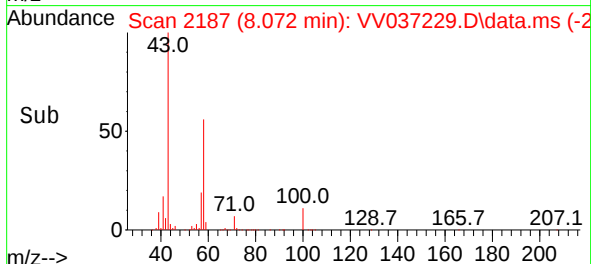
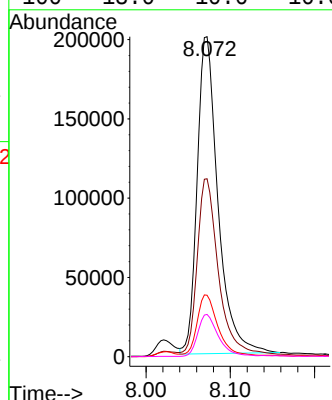
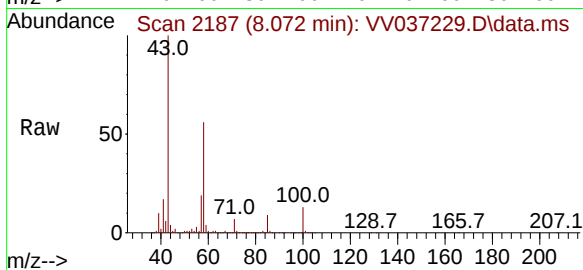
Ion Ratio Lower Upper

43 100

58 57.5 46.0 69.0

57 18.7 15.6 23.4

100 13.0 10.6 16.0



#49

Dibromochloromethane

Concen: 42.933 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037229.D

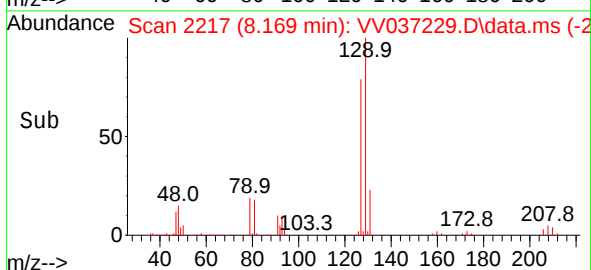
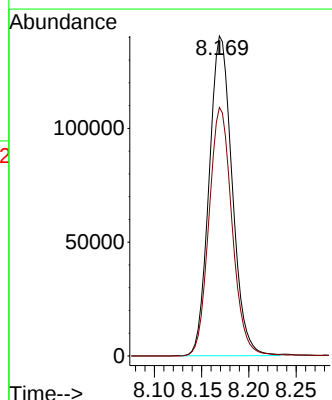
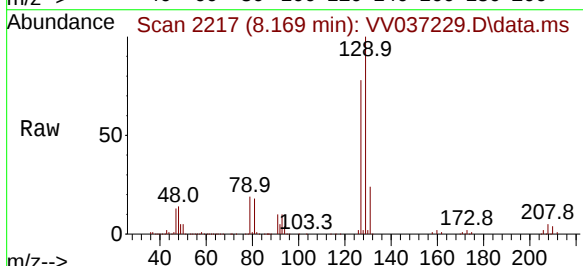
Acq: 09 Sep 2024 08:49

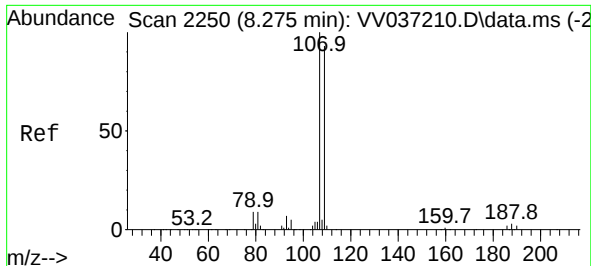
Tgt Ion: 129 Resp: 238950

Ion Ratio Lower Upper

129 100

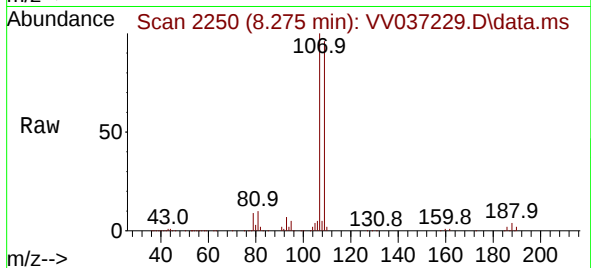
127 77.7 54.7 101.7



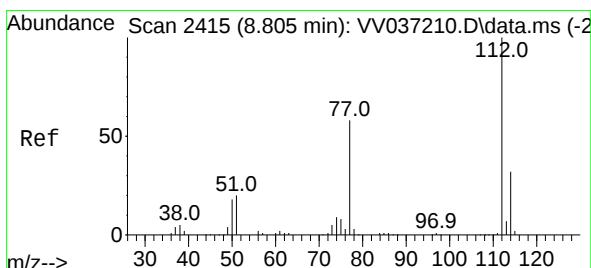
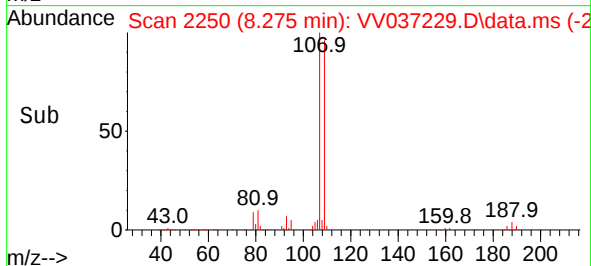
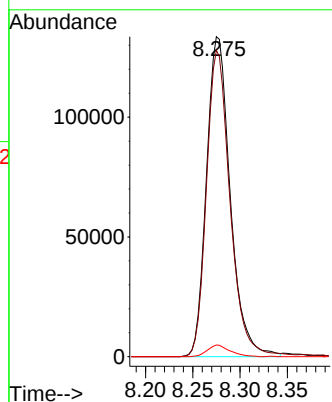


#50
1,2-Dibromoethane
Concen: 41.599 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Instrument :
MSVOA_V
ClientSampleId :

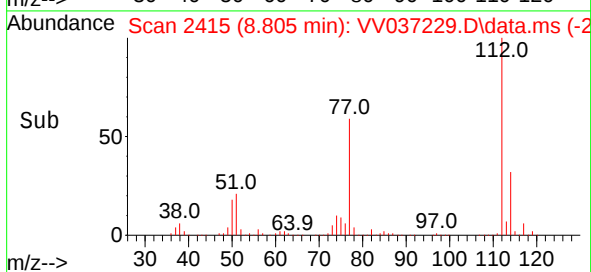
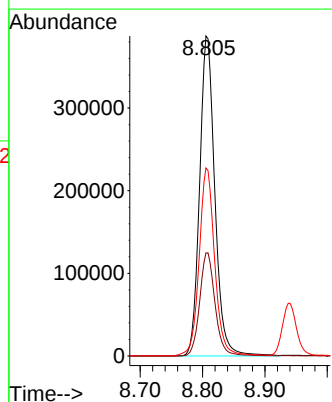
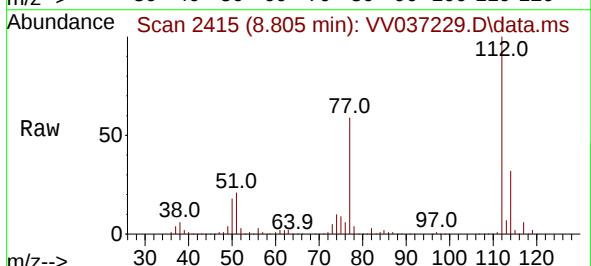


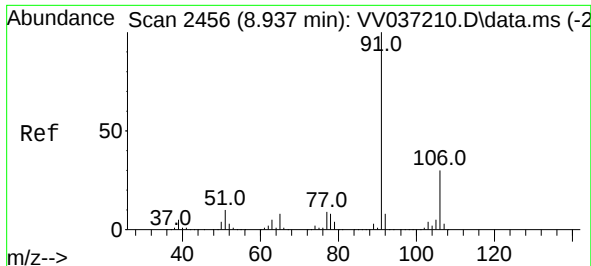
Tgt Ion:107 Resp: 233975
Ion Ratio Lower Upper
107 100
109 95.8 66.6 123.6
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 42.890 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion:112 Resp: 658455
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 58.8 47.8 71.8

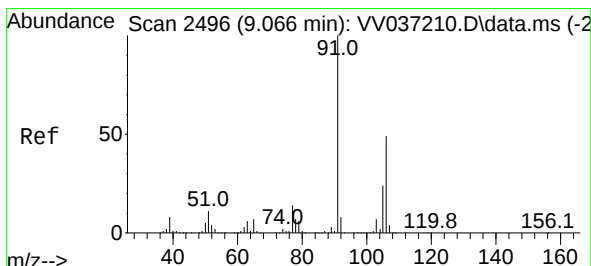
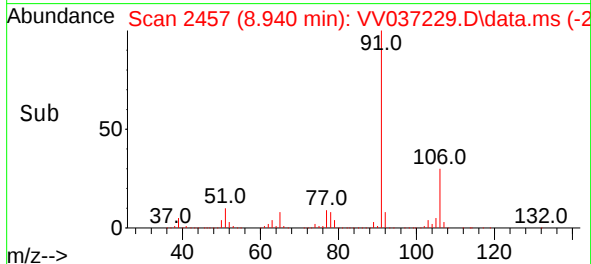
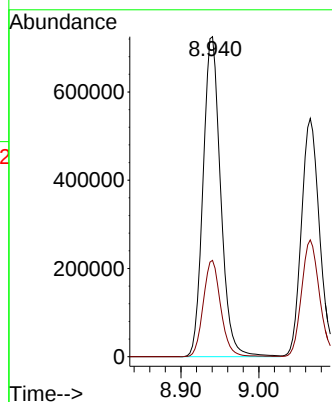
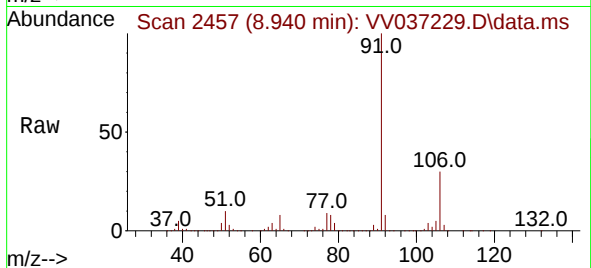




#52
Ethylbenzene
Concen: 43.420 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

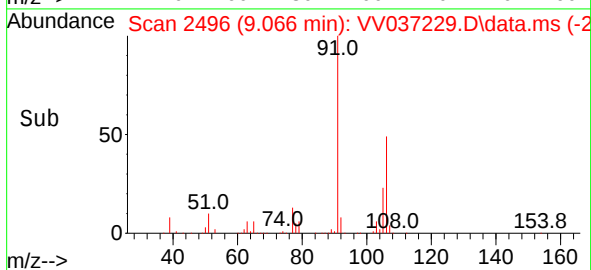
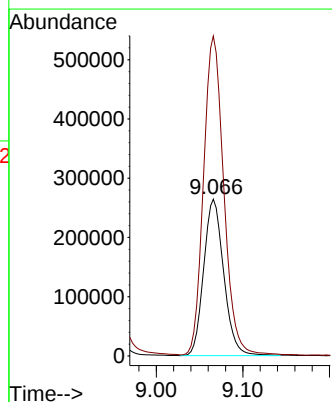
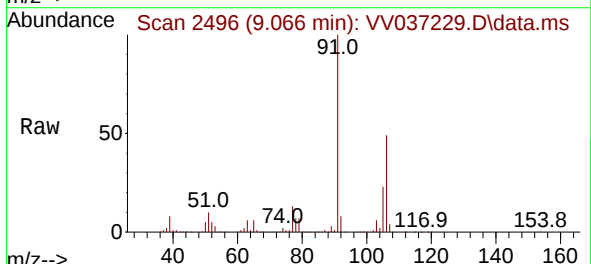
Instrument :
MSVOA_V
ClientSampleId :

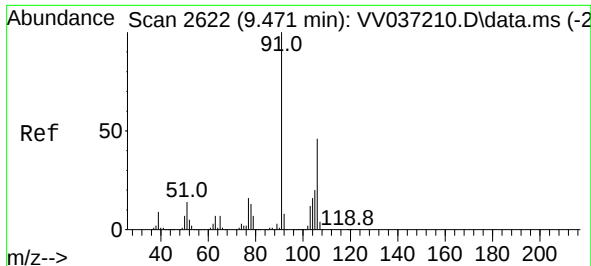
Tgt Ion: 91 Resp: 1137330
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8



#53
m,p-Xylene
Concen: 43.701 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion:106 Resp: 424111
Ion Ratio Lower Upper
106 100
91 204.1 143.0 265.6

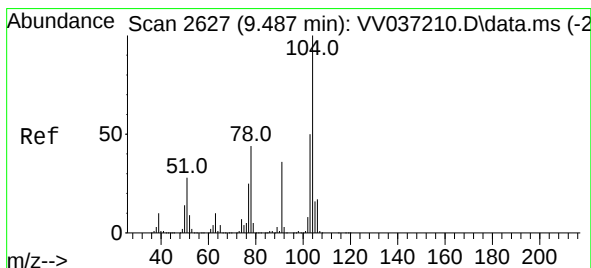
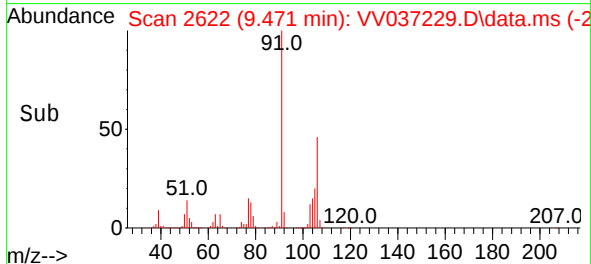
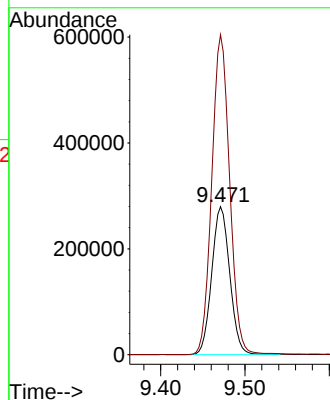
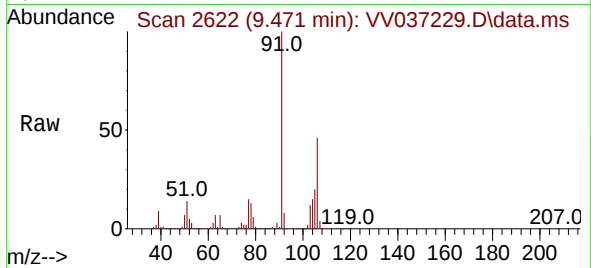




#54
o-Xylene
Concen: 43.758 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

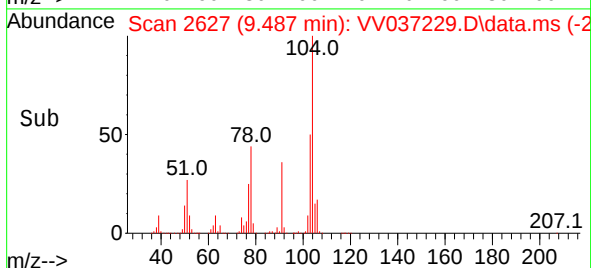
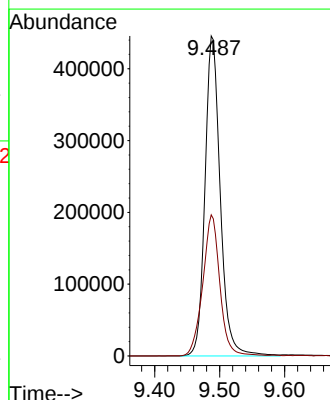
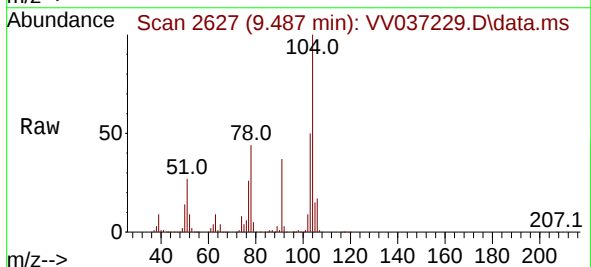
Instrument :
MSVOA_V
ClientSampleId :

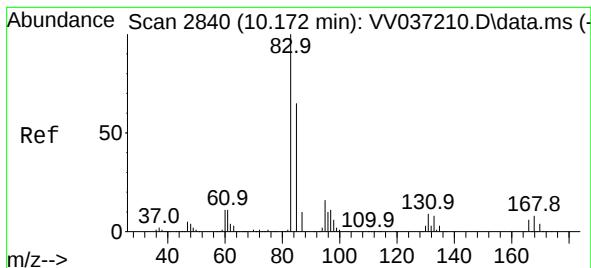
Tgt Ion:106 Resp: 415803
Ion Ratio Lower Upper
106 100
91 216.2 153.2 284.6



#55
Styrene
Concen: 44.394 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion:104 Resp: 731974
Ion Ratio Lower Upper
104 100
78 44.1 30.9 57.5

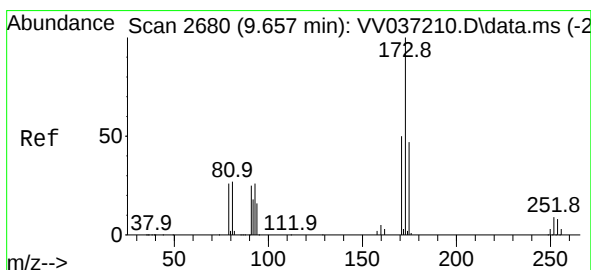
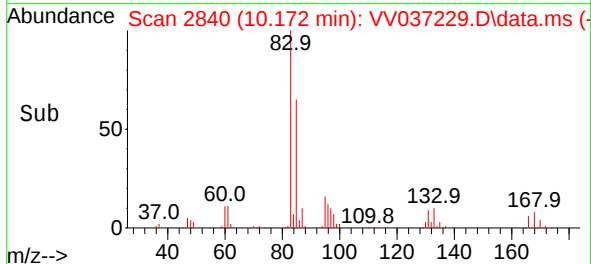
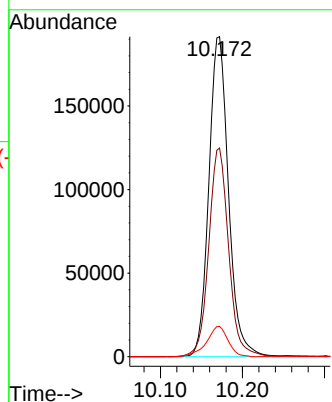
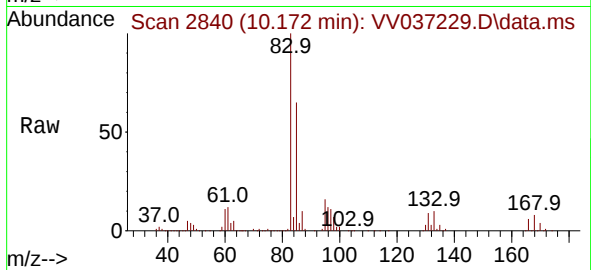




#57
1,1,2,2-Tetrachloroethane
Concen: 38.755 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

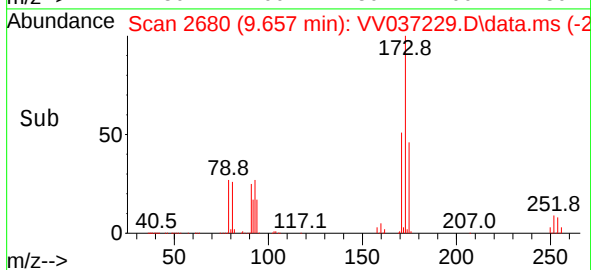
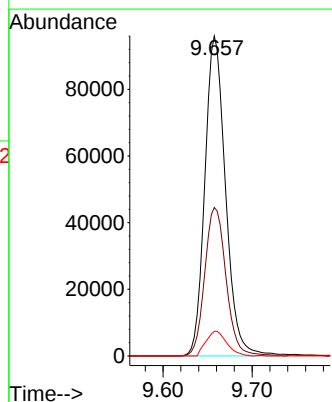
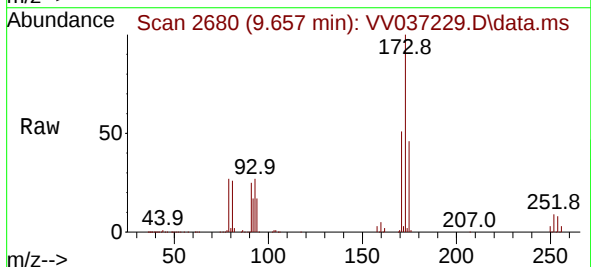
Instrument :
MSVOA_V
ClientSampleId :

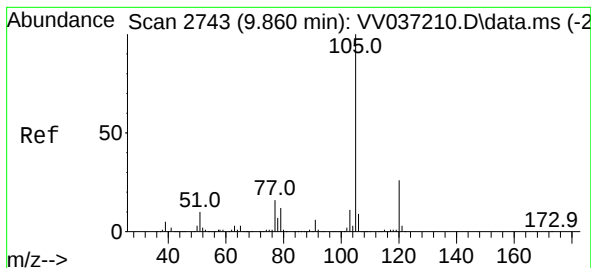
Tgt Ion: 83 Resp: 319036
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7
131 9.5 7.4 11.0



#59
Bromoform
Concen: 41.879 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037229.D
Acq: 09 Sep 2024 08:49

Tgt Ion: 173 Resp: 154778
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 7.7 6.8 10.2





#60

Isopropylbenzene

Concen: 43.680 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

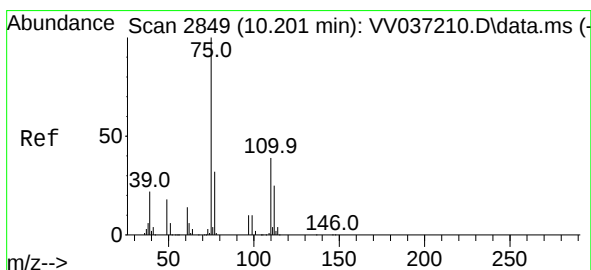
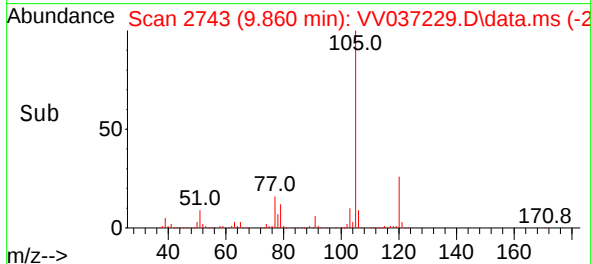
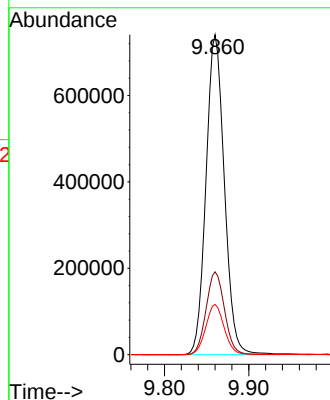
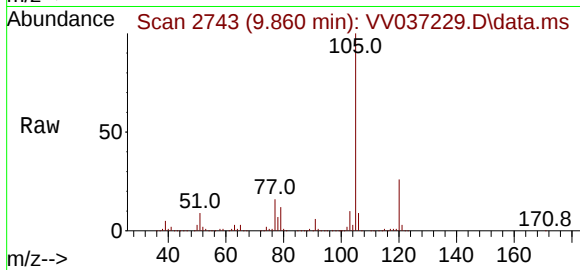
Tgt Ion:105 Resp: 1123890

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 38.420 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

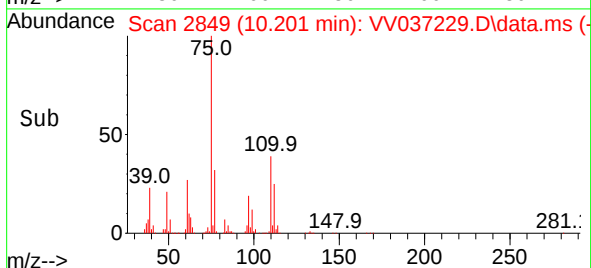
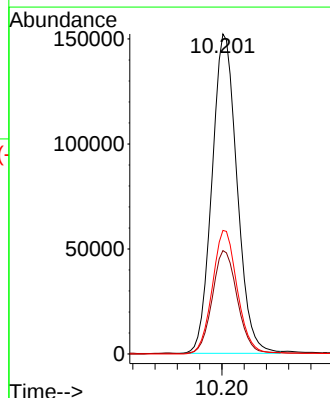
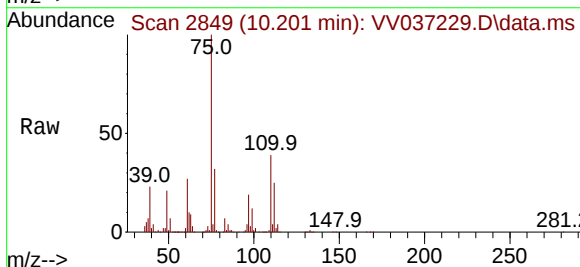
Tgt Ion: 75 Resp: 237209

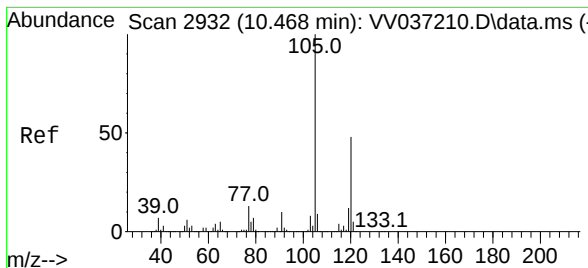
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

110 38.9 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 43.762 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

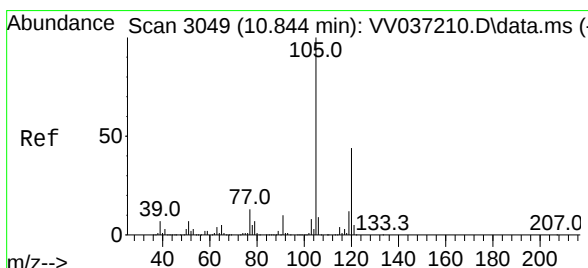
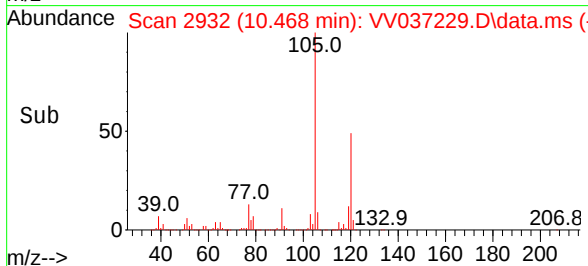
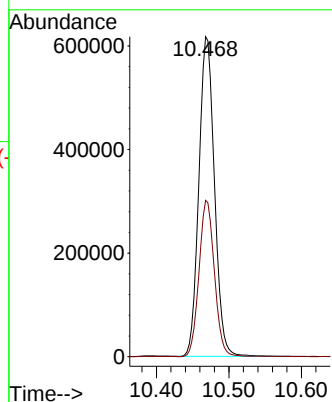
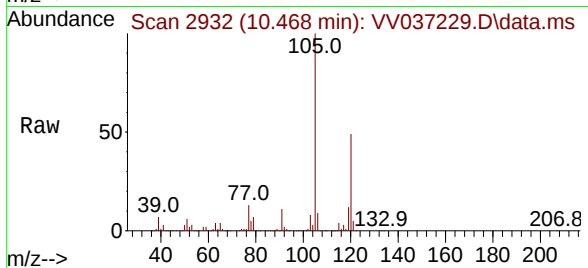
ClientSampleId :

Tgt Ion:105 Resp: 921263

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 43.469 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037229.D

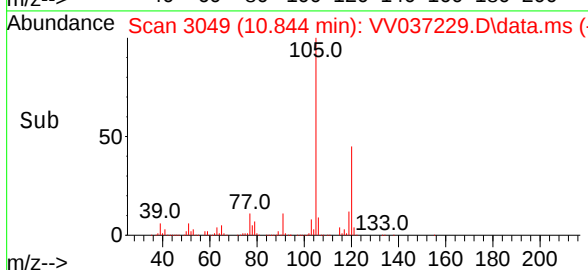
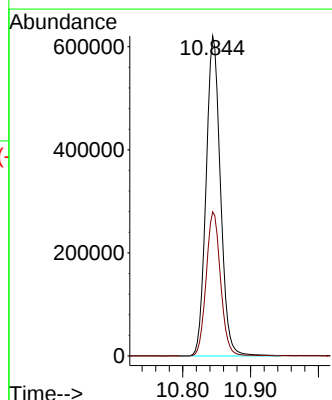
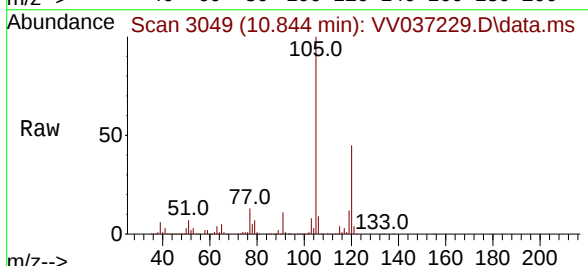
Acq: 09 Sep 2024 08:49

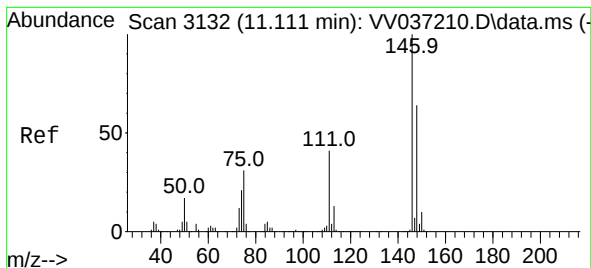
Tgt Ion:105 Resp: 913224

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 43.355 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

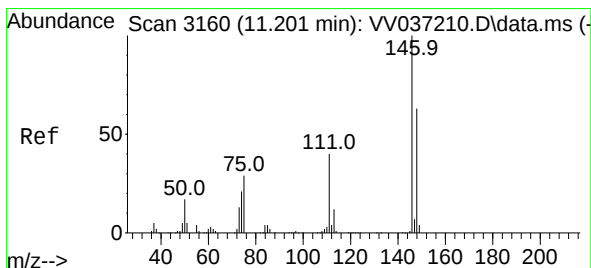
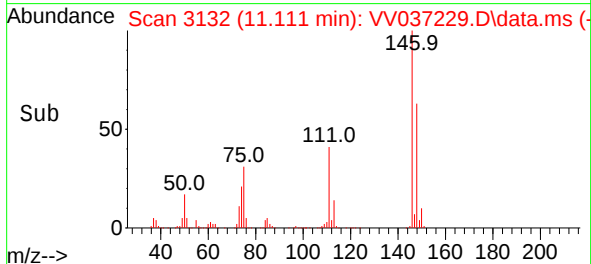
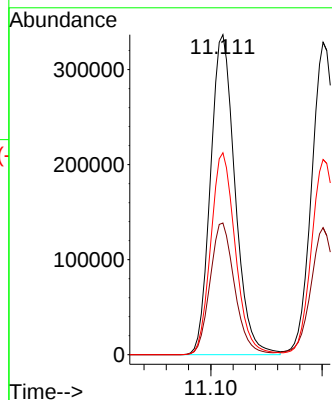
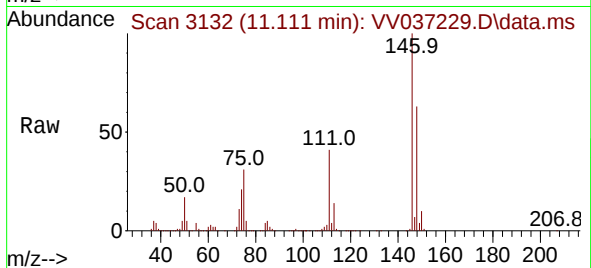
Tgt Ion:146 Resp: 515113

Ion Ratio Lower Upper

146 100

111 41.1 29.7 55.1

148 63.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 43.380 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

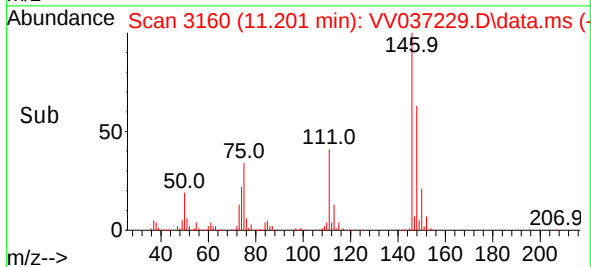
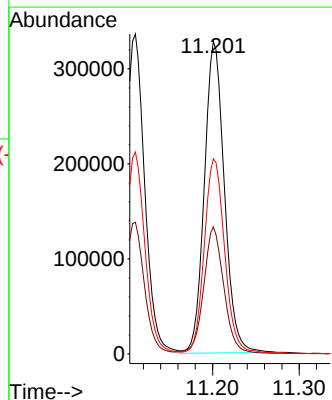
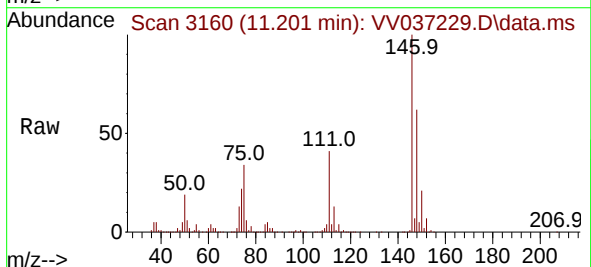
Tgt Ion:146 Resp: 527515

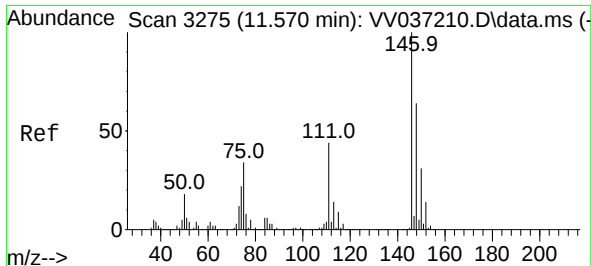
Ion Ratio Lower Upper

146 100

111 40.6 28.1 52.1

148 62.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 43.296 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

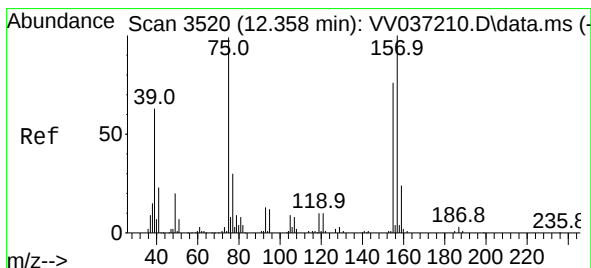
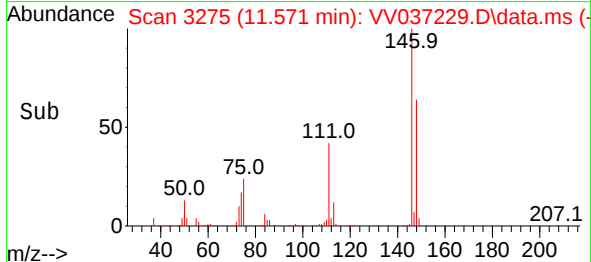
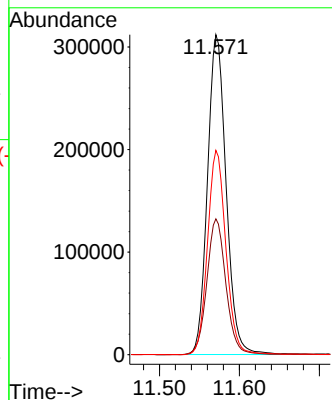
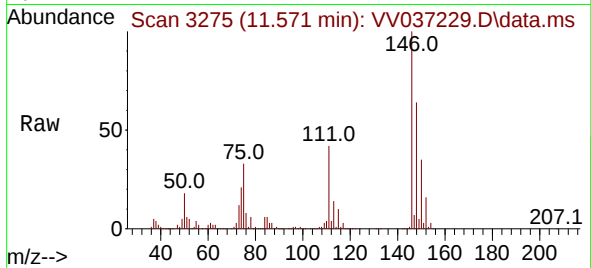
Tgt Ion:146 Resp: 505806

Ion Ratio Lower Upper

146 100

111 42.5 34.6 51.8

148 63.8 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 36.281 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

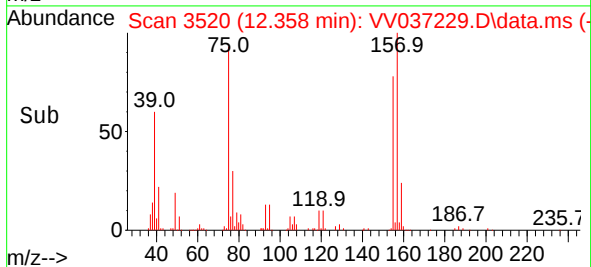
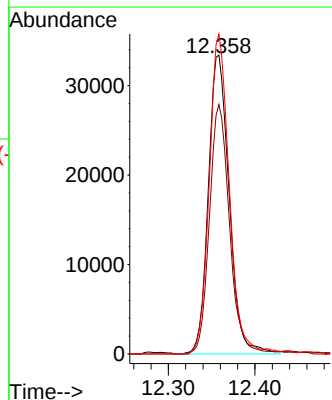
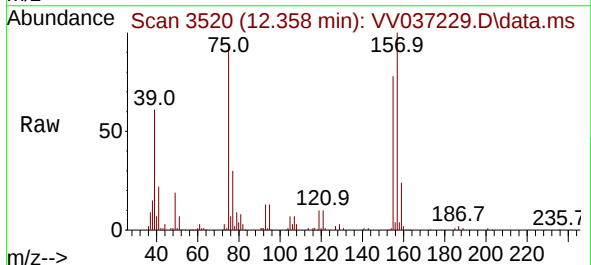
Tgt Ion: 75 Resp: 55864

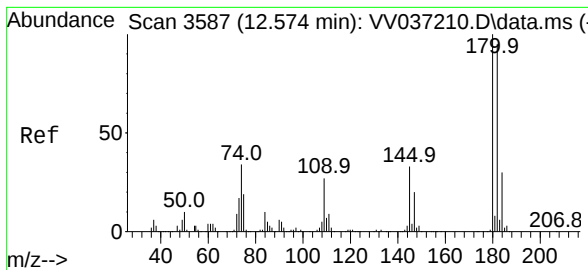
Ion Ratio Lower Upper

75 100

155 83.4 61.8 92.6

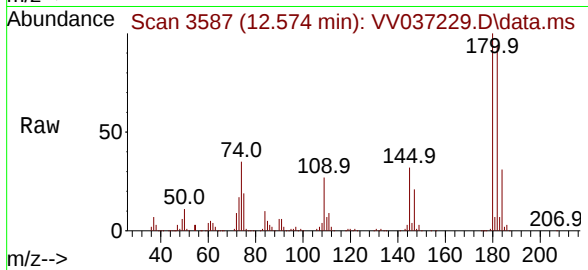
157 107.1 82.5 123.7



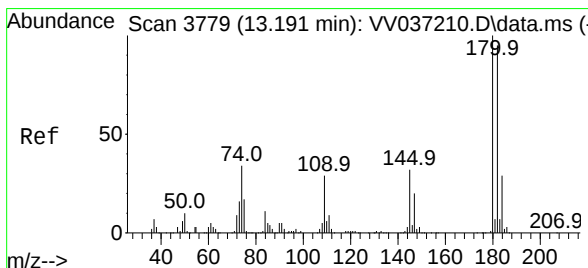
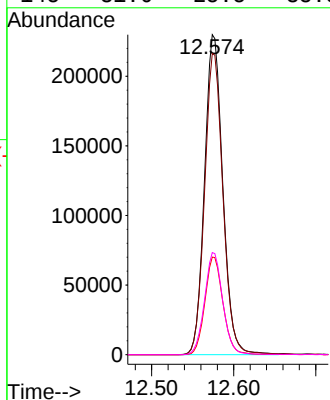
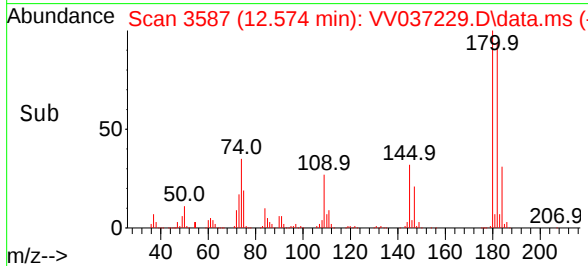


#69
 1,3,5-Trichlorobenzene
 Concen: 43.191 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: VV037229.D
 Acq: 09 Sep 2024 08:49

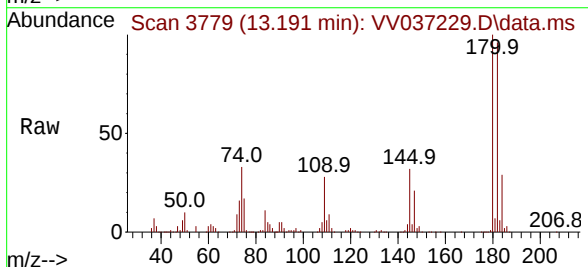
Instrument :
 MSVOA_V
 ClientSampleId :



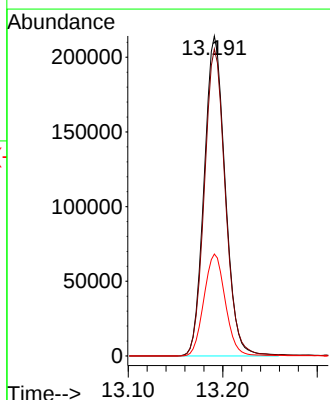
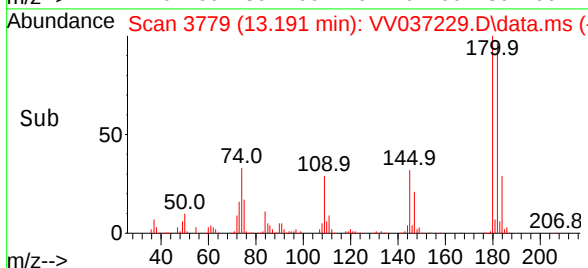
Tgt Ion:180 Resp: 357069
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.7 115.1
 184 30.1 24.2 36.2
 145 31.6 25.5 38.3

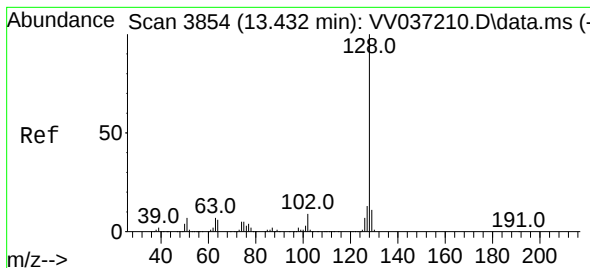


#70
 1,2,4-trichlorobenzene
 Concen: 42.540 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV037229.D
 Acq: 09 Sep 2024 08:49



Tgt Ion:180 Resp: 331158
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.7 113.5
 145 32.4 26.0 39.0





#71

Naphthalene

Concen: 41.270 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

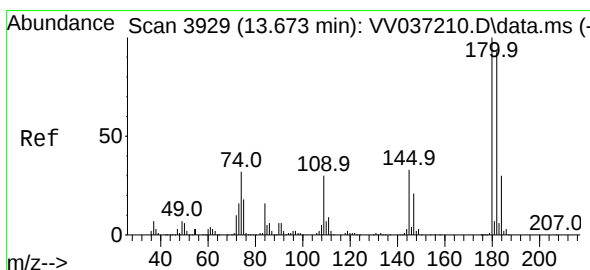
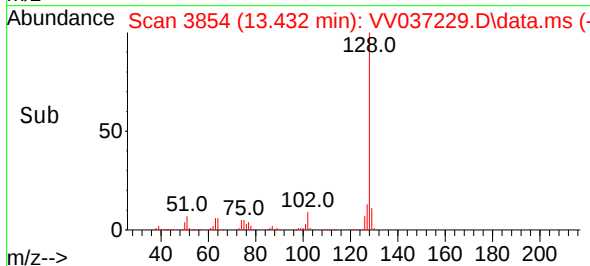
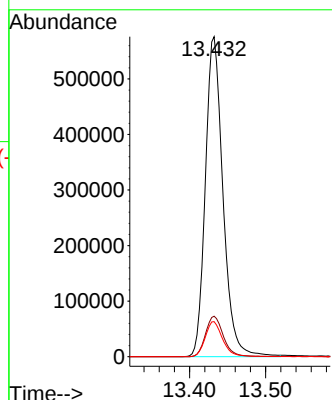
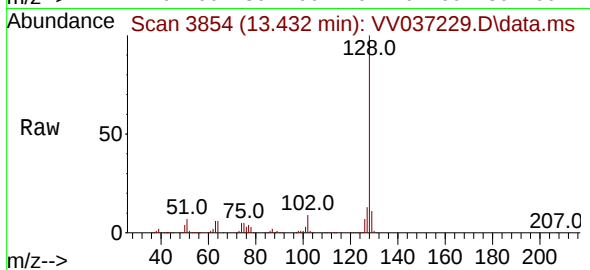
Tgt Ion:128 Resp: 927704

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 42.467 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037229.D

Acq: 09 Sep 2024 08:49

Tgt Ion:180 Resp: 325793

Ion Ratio Lower Upper

180 100

182 96.6 75.1 112.7

145 34.3 27.0 40.4

