

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101024\
 Data File : VV037813.D
 Acq On : 10 Oct 2024 17:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 11 05:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 05:10:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	598050	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	583493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	323350	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	205478	39.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.280%
7) Chloroethane-d5	1.532	69	180570	44.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.620%
11) 1,1-Dichloroethene-d2	2.060	65	95401	43.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.000%
21) 2-Butanone-d5	3.796	46	174509	93.324	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.320%
24) Chloroform-d	4.243	84	465588	49.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
26) 1,2-Dichloroethane-d4	4.937	65	268003	49.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
32) Benzene-d6	4.953	84	869729	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	5.982	67	281482	48.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.820%
41) Toluene-d8	7.236	98	788781	47.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	7.548	79	126601	46.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.024	63	123805	100.843	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.840%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	351206	51.988	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.980%
66) 1,2-Dichlorobenzene-d4	11.551	152	321928	47.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	233445	45.852	ug/L	99
3) Chloromethane	1.220	50	229263	46.383	ug/L	100
5) Vinyl chloride	1.285	62	248016	46.804	ug/L	99
6) Bromomethane	1.487	94	143817	48.905	ug/L	97
8) Chloroethane	1.548	64	155580	47.635	ug/L	98
9) Trichlorofluoromethane	1.712	101	356791	50.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	209617	49.179	ug/L	99
12) 1,1-Dichloroethene	2.069	96	193377	48.569	ug/L	87
13) Acetone	2.114	43	134760	73.515	ug/L	97
14) Carbon disulfide	2.240	76	538351	43.317	ug/L	100
15) Methyl Acetate	2.371	43	168990	52.826	ug/L	97
16) Methylene chloride	2.445	84	220092	48.821	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	202593	48.098	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	634897	52.538	ug/L	100
19) 1,1-Dichloroethane	3.104	63	408613	50.632	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	239333	50.776	ug/L	99
22) 2-Butanone	3.879	43	182315	89.857	ug/L	99
23) Bromochloromethane	4.140	128	125482	51.465	ug/L	97
25) Chloroform	4.268	83	429262	51.375	ug/L	97

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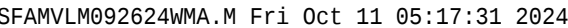
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 MSVOA_V
 ClientSampleId :

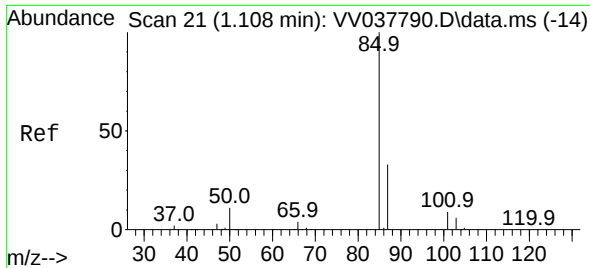
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 05:10:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	307247	52.088	ug/L	99
29) Cyclohexane	4.574	56	311821	47.067	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	368162	51.230	ug/L	99
31) Carbon tetrachloride	4.725	117	317970	50.891	ug/L	100
33) Benzene	5.002	78	895468	50.886	ug/L	100
34) Trichloroethene	5.825	95	233242	49.770	ug/L	98
35) Methylcyclohexane	6.043	83	341066	47.308	ug/L	99
37) 1,2-Dichloropropane	6.088	63	236793	52.109	ug/L	98
38) Bromodichloromethane	6.429	83	316796	52.151	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	361845	49.884	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	408465	110.399	ug/L	99
42) Toluene	7.310	91	950689	52.112	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	337824	51.729	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	231383	53.029	ug/L	98
46) Tetrachloroethene	7.899	164	174314	48.649	ug/L	99
48) 2-Hexanone	8.072	43	296318	102.996	ug/L	97
49) Dibromochloromethane	8.169	129	246171	53.306	ug/L	100
50) 1,2-Dibromoethane	8.275	107	228024	50.556	ug/L	99
51) Chlorobenzene	8.808	112	629174	50.621	ug/L	99
52) Ethylbenzene	8.940	91	1050574	51.159	ug/L	100
53) m,p-Xylene	9.066	106	394278	51.589	ug/L	97
54) o-Xylene	9.471	106	388468	52.063	ug/L	95
55) Styrene	9.490	104	703601	54.168	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	319437	52.510	ug/L	100
59) Bromoform	9.657	173	161094	50.974	ug/L	98
60) Isopropylbenzene	9.860	105	1051697	50.028	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	229862	49.958	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	834635	50.218	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	834290	50.451	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	506200	50.026	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	526122	49.933	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	498134	49.799	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54967	49.214	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	336173	48.312	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	304635	47.186	ug/L	100
71) Naphthalene	13.432	128	856951	50.805	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	309857	48.601	ug/L	98

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

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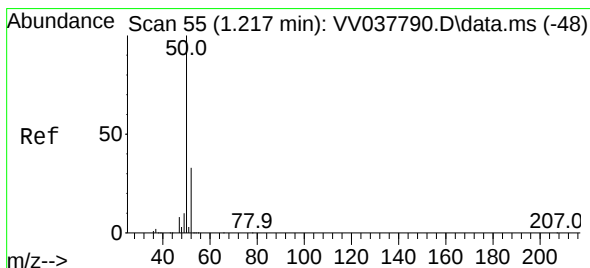
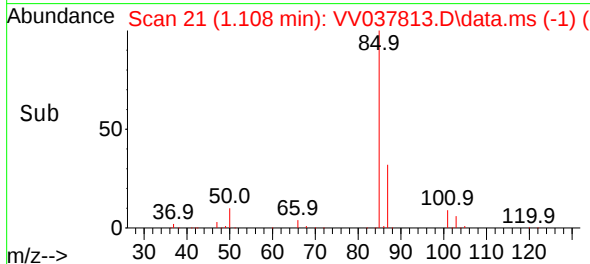
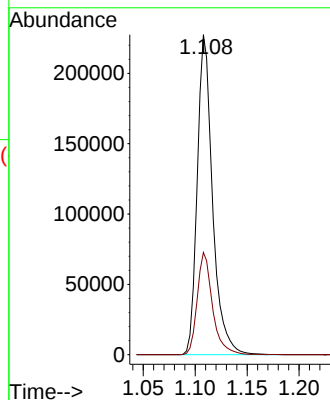
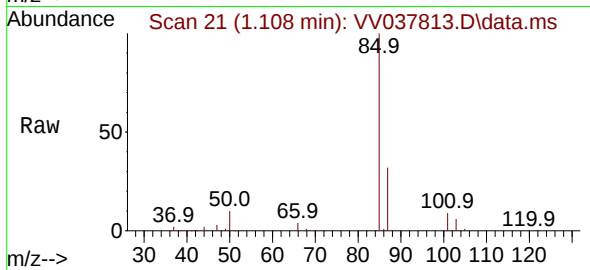




#2
 Dichlorodifluoromethane
 Concen: 45.852 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037813.D
 Acq: 10 Oct 2024 17:56

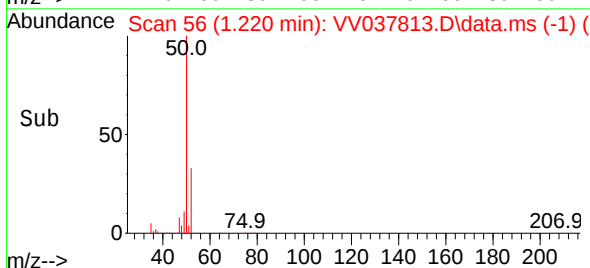
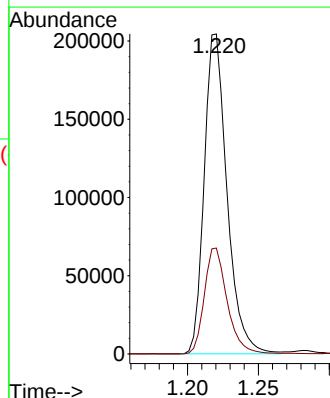
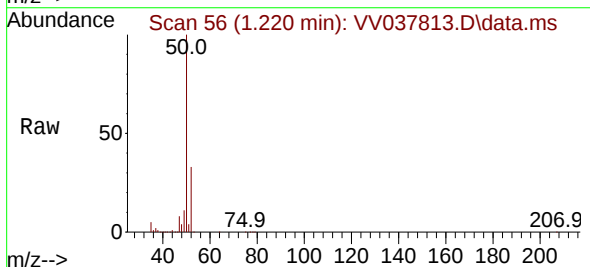
Instrument :
 MSVOA_V
 ClientSampleId :

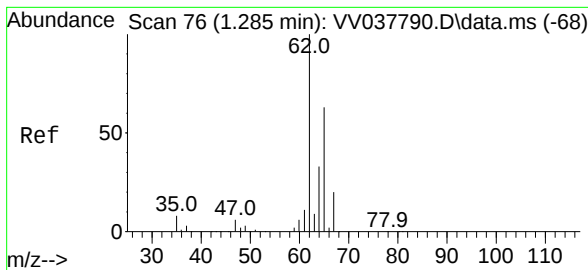
Tgt Ion: 85 Resp: 233445
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 46.383 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV037813.D
 Acq: 10 Oct 2024 17:56

Tgt Ion: 50 Resp: 229263
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.2

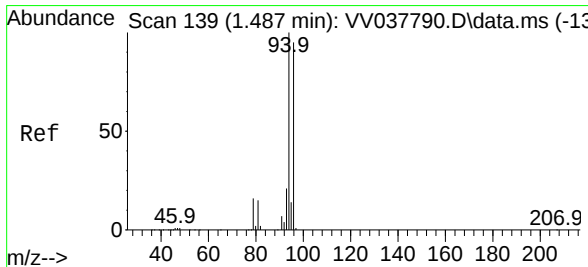
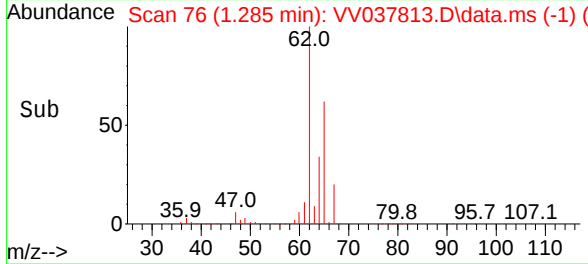
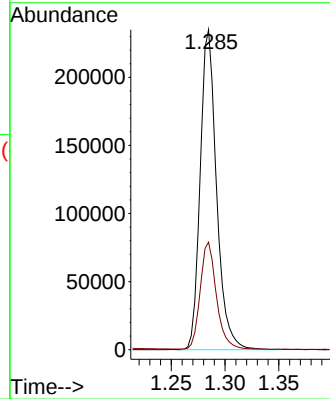
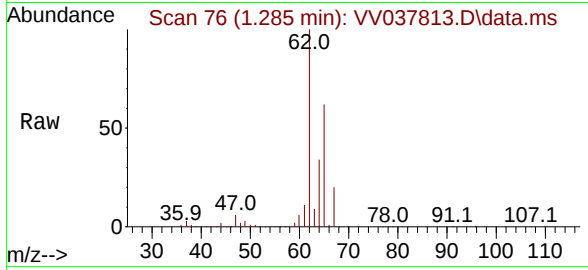




#5
 Vinyl chloride
 Concen: 46.804 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037813.D
 Acq: 10 Oct 2024 17:56

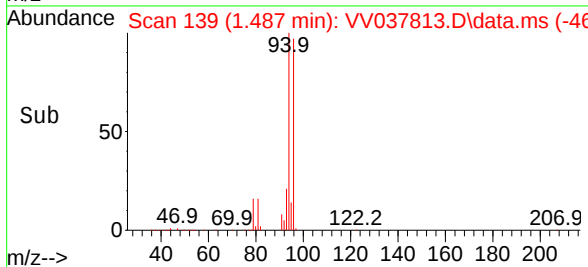
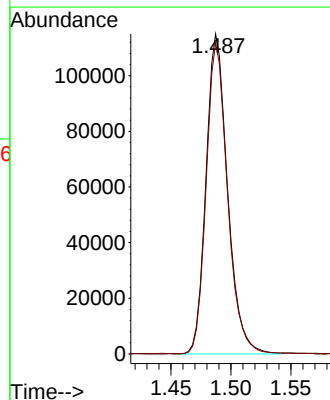
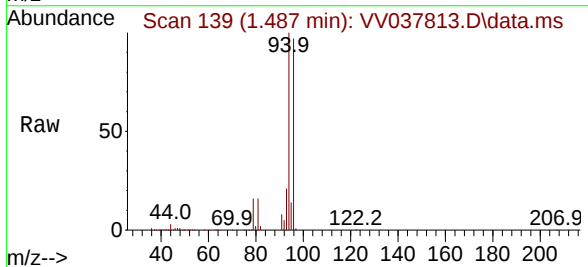
Instrument :
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 ClientSampleId :

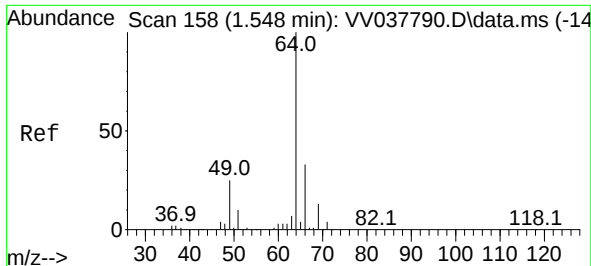
Tgt Ion: 62 Resp: 248016
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.0



#6
 Bromomethane
 Concen: 48.905 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037813.D
 Acq: 10 Oct 2024 17:56

Tgt Ion: 94 Resp: 143817
 Ion Ratio Lower Upper
 94 100
 96 97.2 65.8 122.2

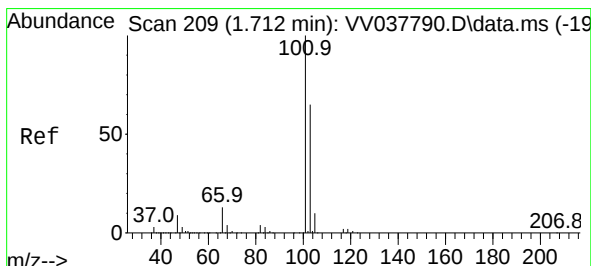
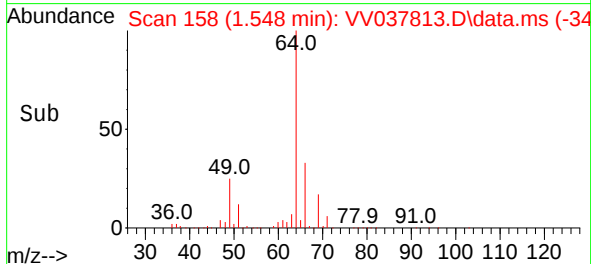
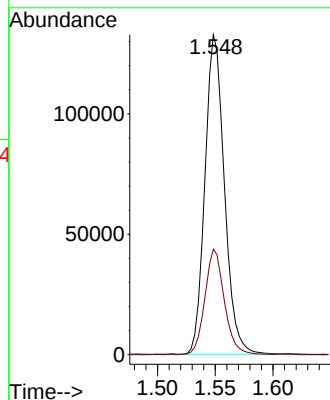
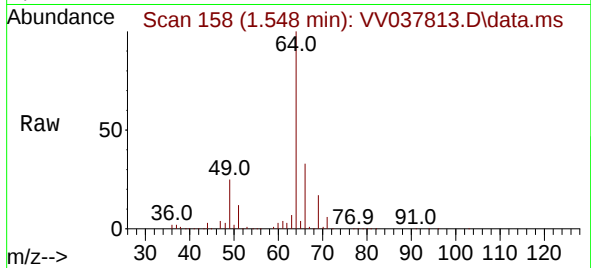




#8
Chloroethane
Concen: 47.635 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

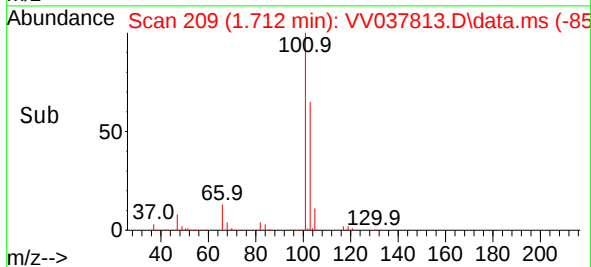
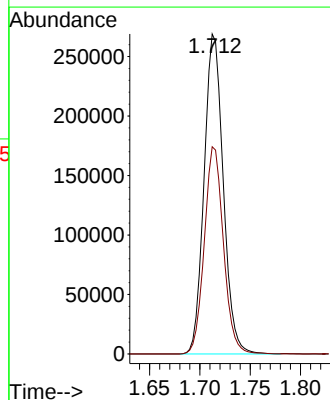
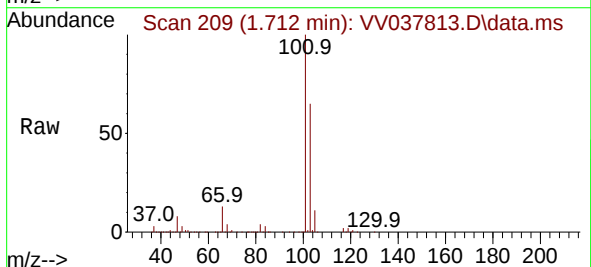
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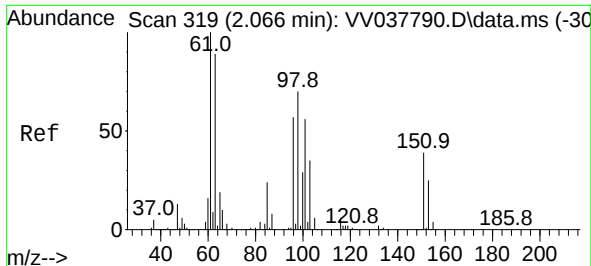
Tgt Ion: 64 Resp: 155580
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 50.021 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion:101 Resp: 356791
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

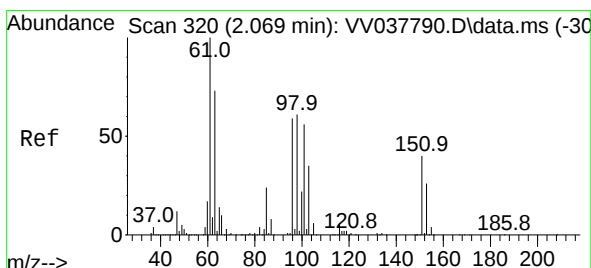
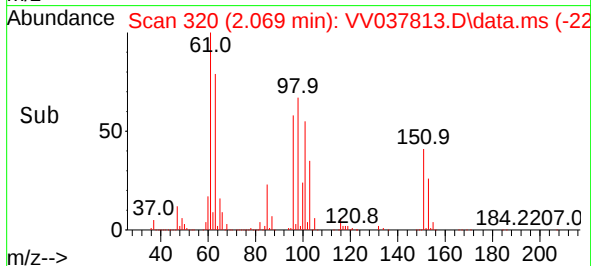
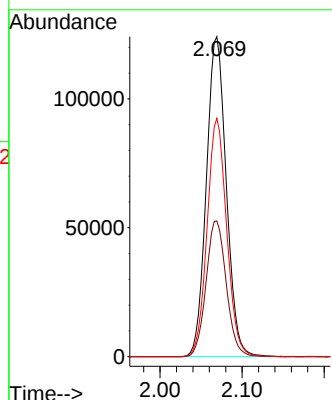
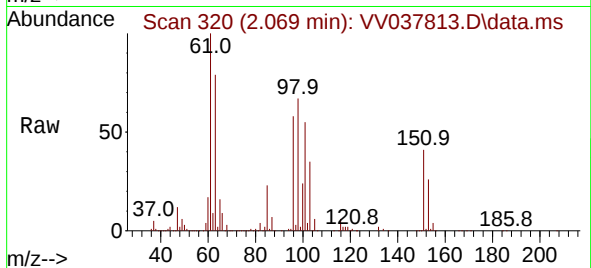




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.179 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

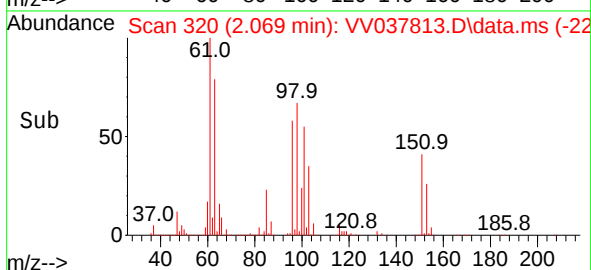
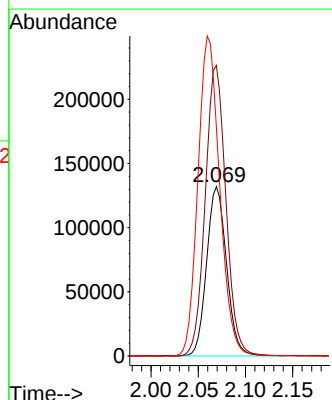
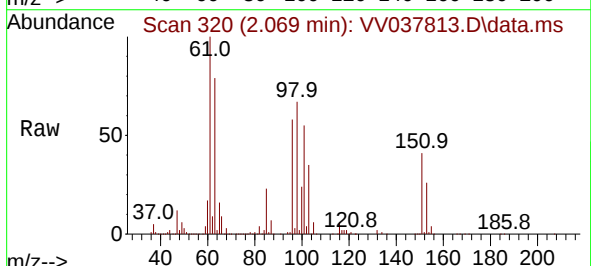
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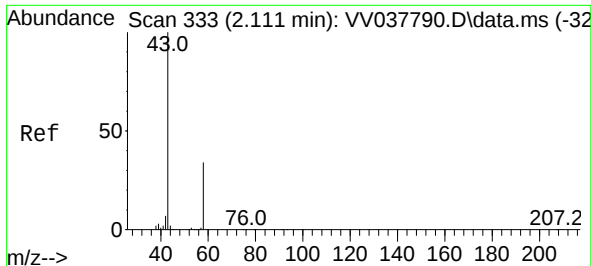
Tgt Ion:101 Resp: 209617
Ion Ratio Lower Upper
101 100
85 43.0 34.6 52.0
151 73.3 57.5 86.3



#12
1,1-Dichloroethene
Concen: 48.569 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion: 96 Resp: 193377
Ion Ratio Lower Upper
96 100
61 171.6 122.6 227.6
63 135.4 118.0 219.2





#13

Acetone

Concen: 73.515 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

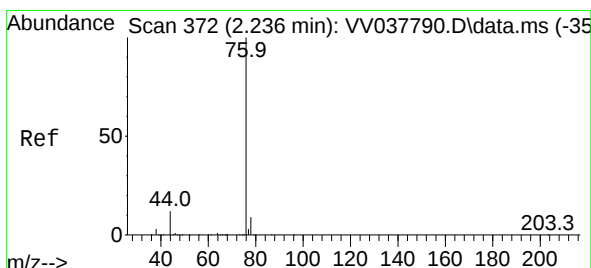
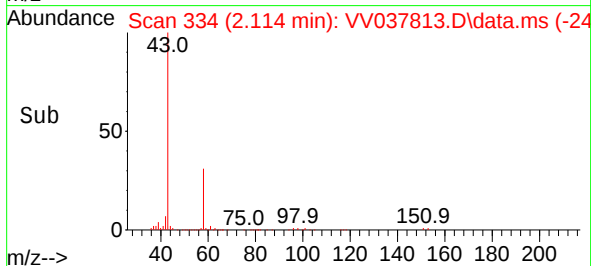
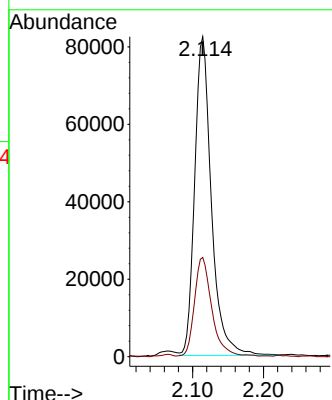
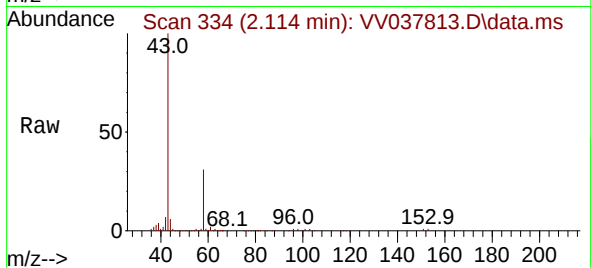
ClientSampleId :

Tgt Ion: 43 Resp: 134760

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.6



#14

Carbon disulfide

Concen: 43.317 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037813.D

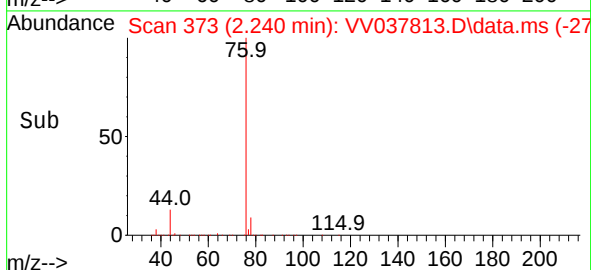
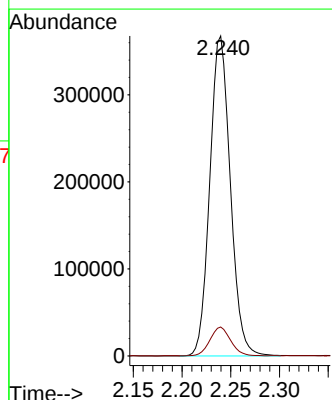
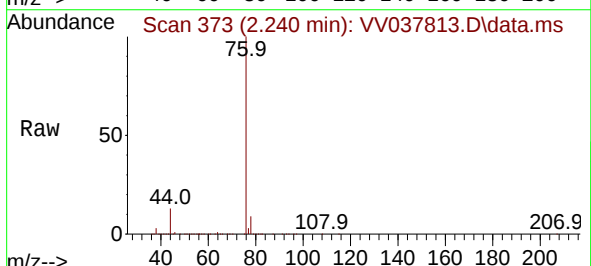
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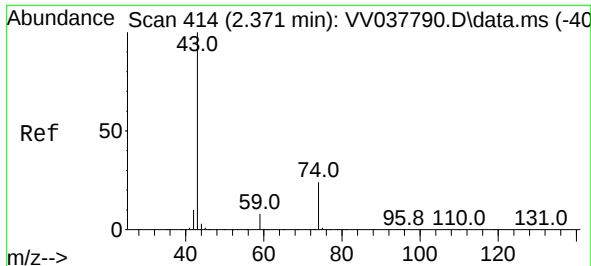
Tgt Ion: 76 Resp: 538351

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 52.826 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

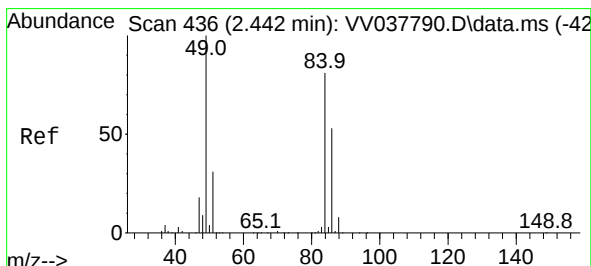
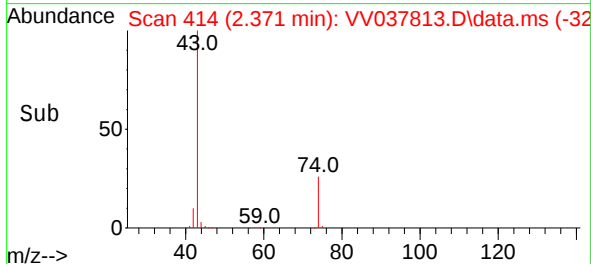
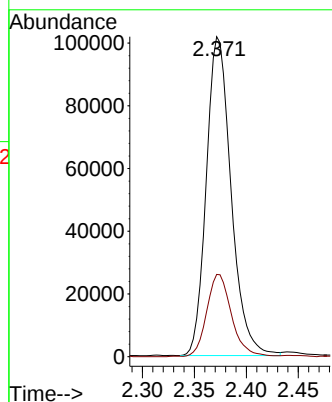
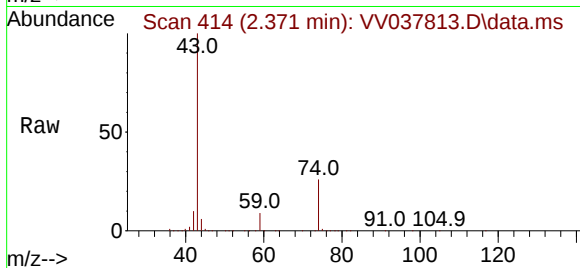
ClientSampleId :

Tgt Ion: 43 Resp: 168990

Ion Ratio Lower Upper

43 100

74 25.5 19.4 29.0



#16

Methylene chloride

Concen: 48.821 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

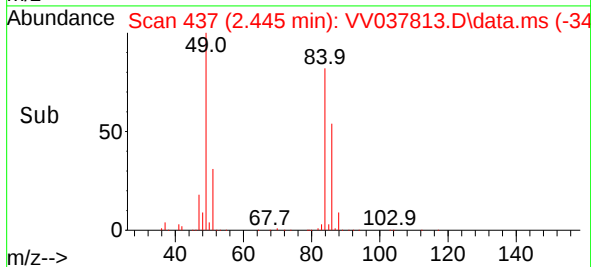
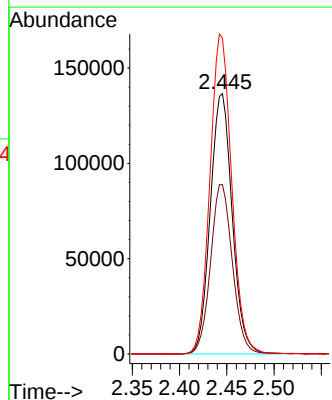
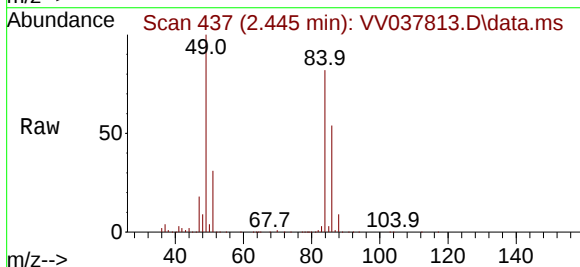
Tgt Ion: 84 Resp: 220092

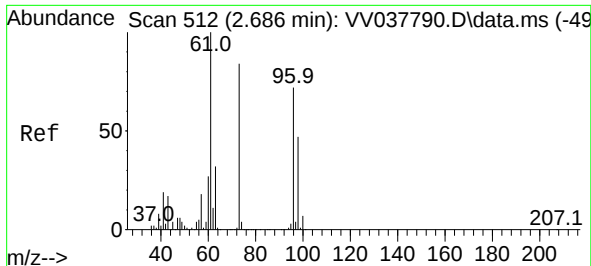
Ion Ratio Lower Upper

84 100

86 65.0 46.4 86.2

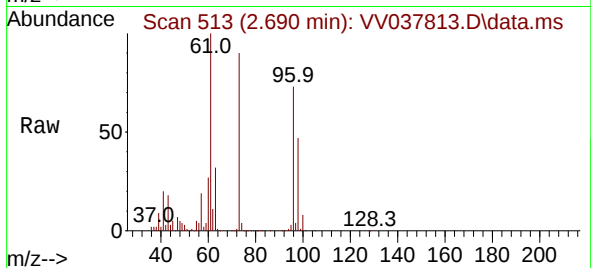
49 121.4 85.9 159.5





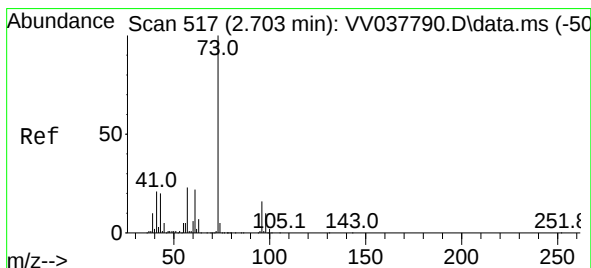
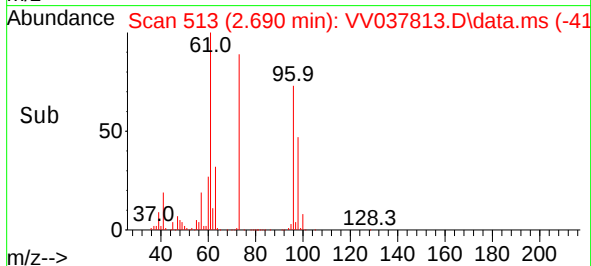
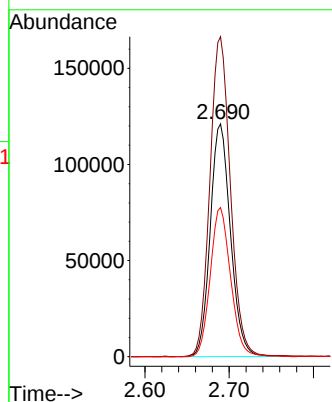
#17
trans-1,2-Dichloroethene
Concen: 48.098 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 202593

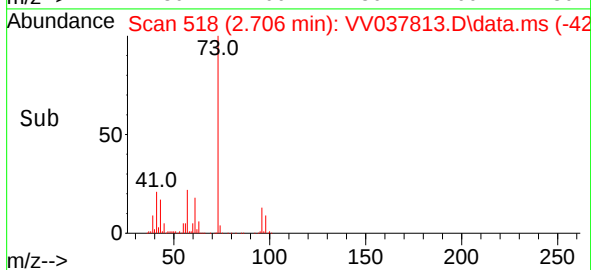
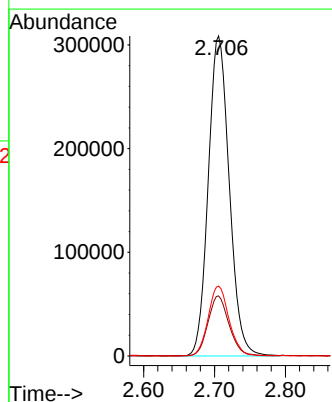
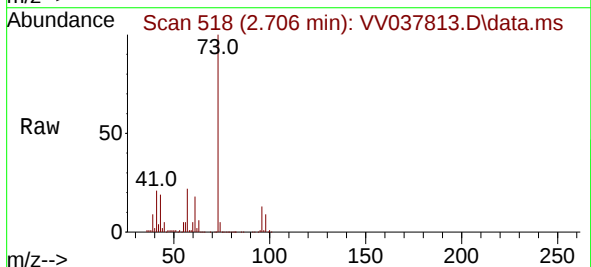
Ion	Ratio	Lower	Upper
96	100		
61	137.4	97.3	180.7
98	64.0	43.9	81.5

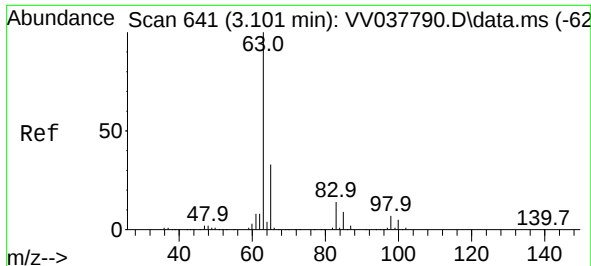


#18
Methyl tert-butyl Ether
Concen: 52.538 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion: 73 Resp: 634897

Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.1	22.7
57	21.8	17.4	26.2





#19

1,1-Dichloroethane

Concen: 50.632 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

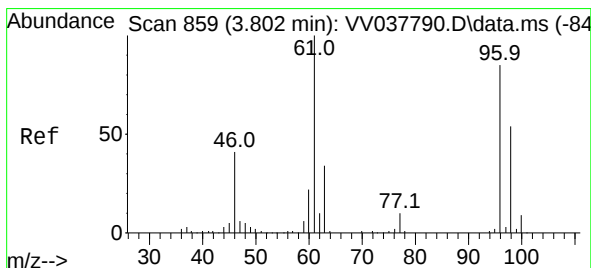
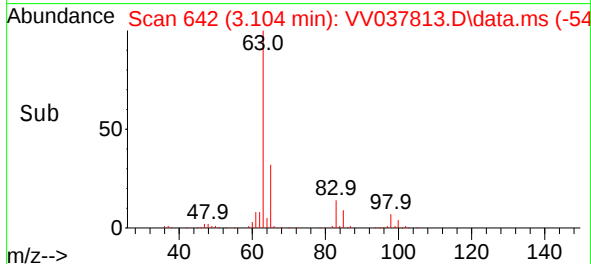
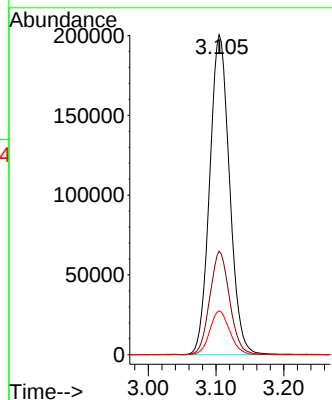
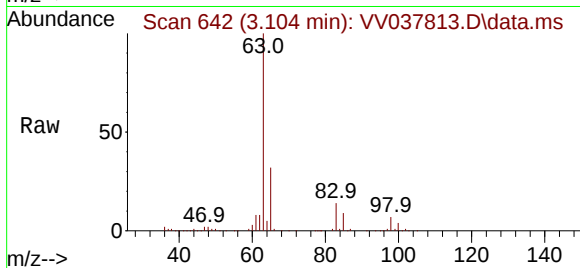
Tgt Ion: 63 Resp: 408613

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 50.776 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.006 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

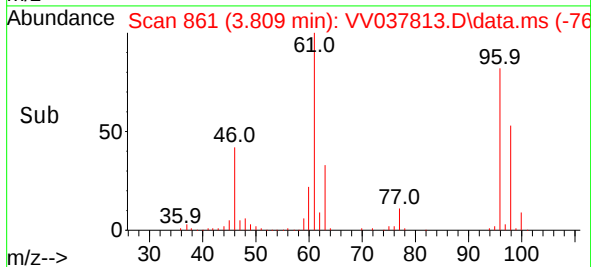
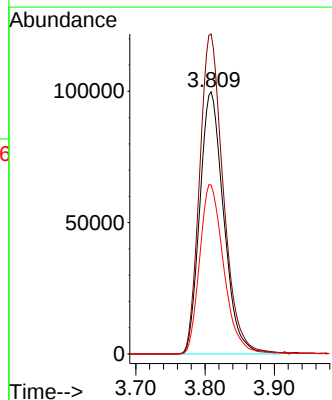
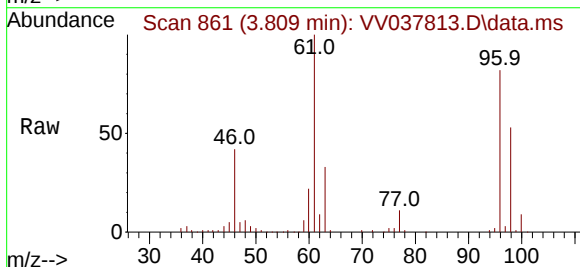
Tgt Ion: 96 Resp: 239333

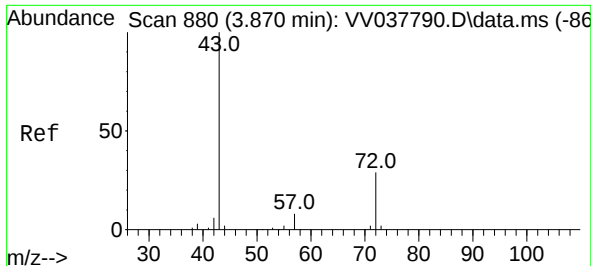
Ion Ratio Lower Upper

96 100

61 122.1 85.0 157.8

98 64.5 44.2 82.0

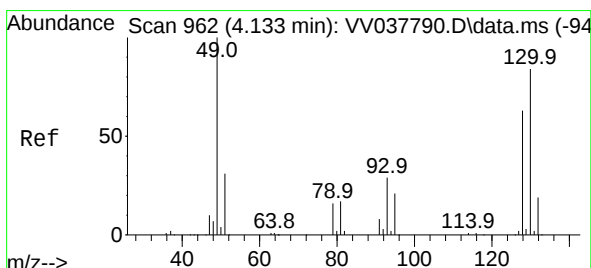
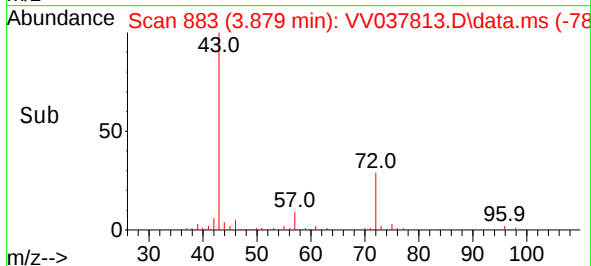
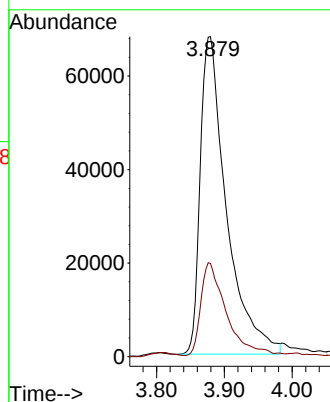
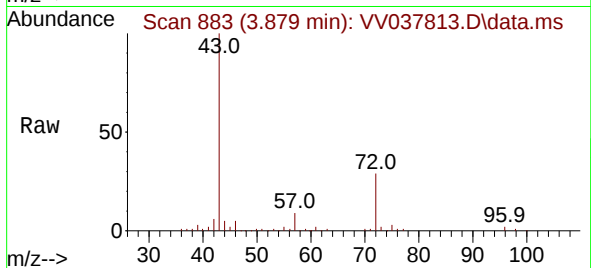




#22
2-Butanone
Concen: 89.857 ug/L
RT: 3.879 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

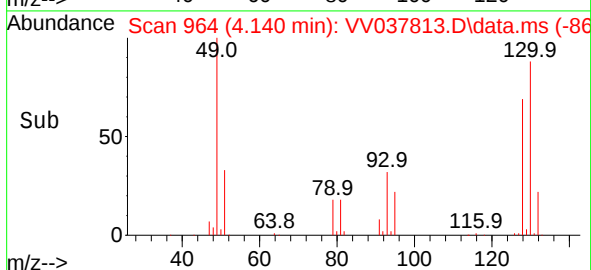
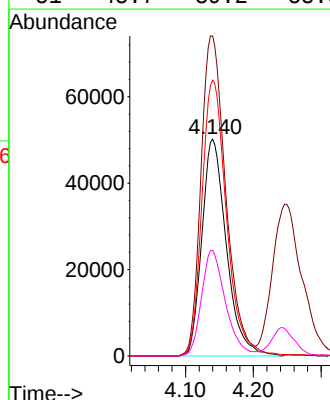
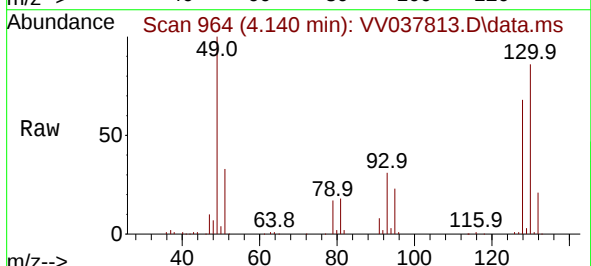
Instrument :
MSVOA_V
ClientSampleId :

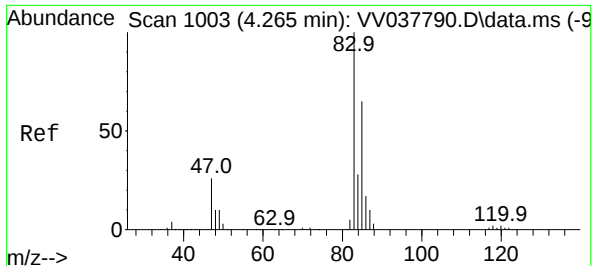
Tgt Ion: 43 Resp: 182315
Ion Ratio Lower Upper
43 100
72 28.1 14.3 42.9



#23
Bromochloromethane
Concen: 51.465 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.006 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion:128 Resp: 125482
Ion Ratio Lower Upper
128 100
49 147.6 108.7 201.9
130 127.2 90.4 168.0
51 48.7 39.2 58.8





#25

Chloroform

Concen: 51.375 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

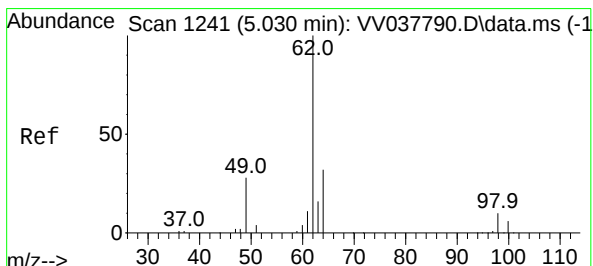
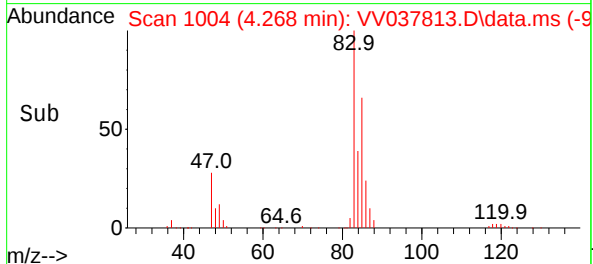
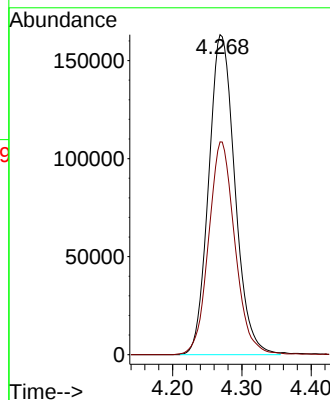
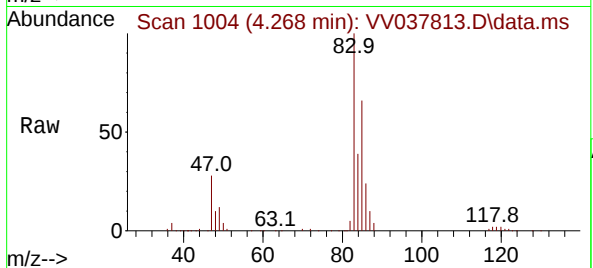
ClientSampleId :

Tgt Ion: 83 Resp: 429262

Ion Ratio Lower Upper

83 100

85 66.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.088 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VV037813.D

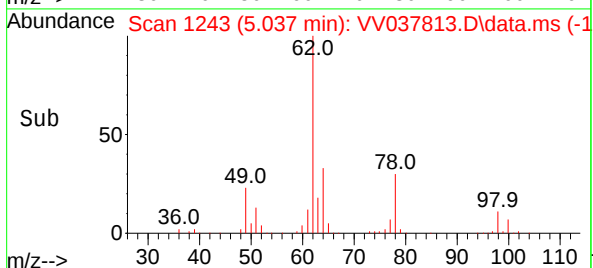
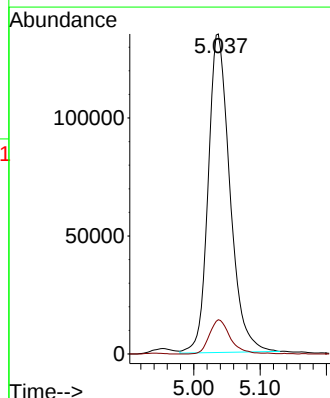
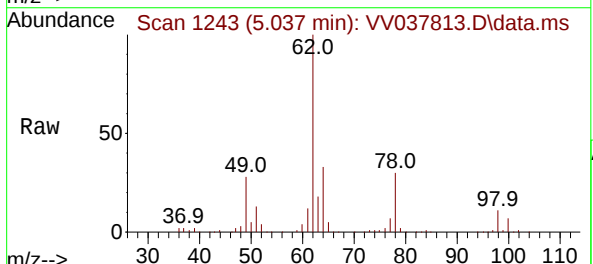
Acq: 10 Oct 2024 17:56

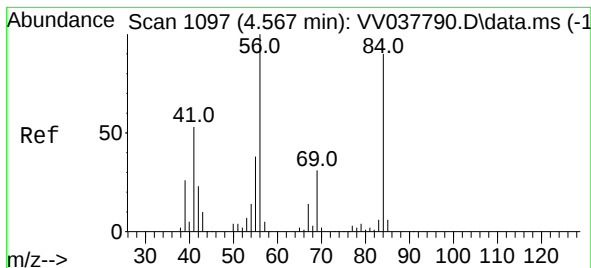
Tgt Ion: 62 Resp: 307247

Ion Ratio Lower Upper

62 100

98 10.7 8.4 12.6





#29

Cyclohexane

Concen: 47.067 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

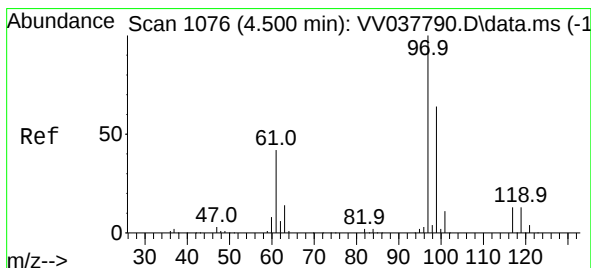
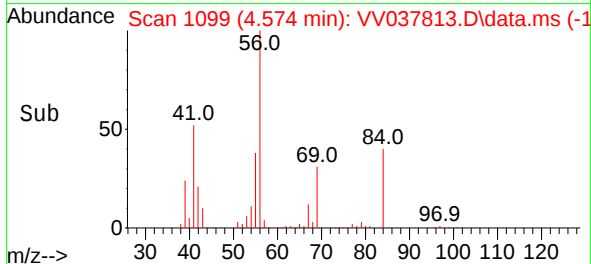
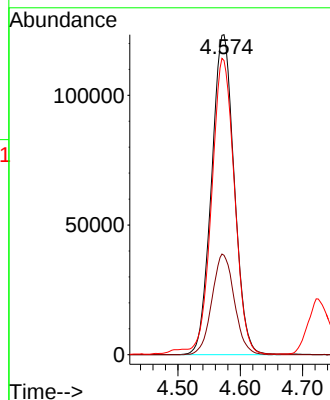
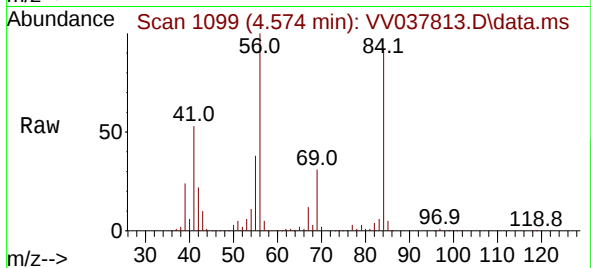
Tgt Ion: 56 Resp: 311821

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 92.3 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 51.230 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

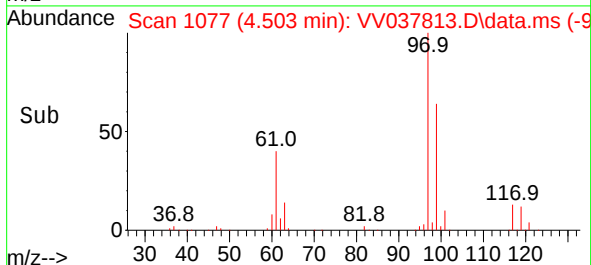
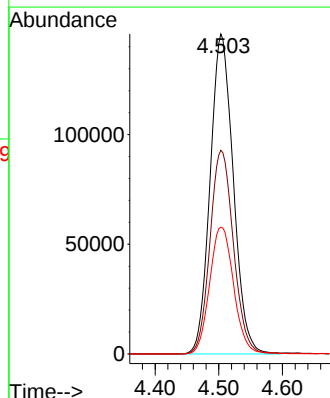
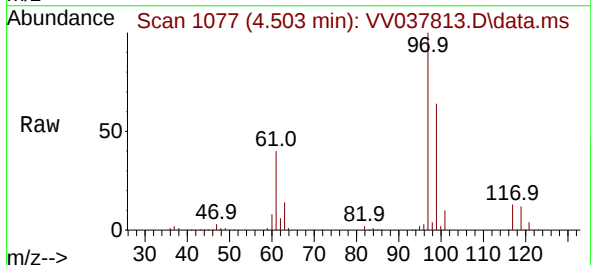
Tgt Ion: 97 Resp: 368162

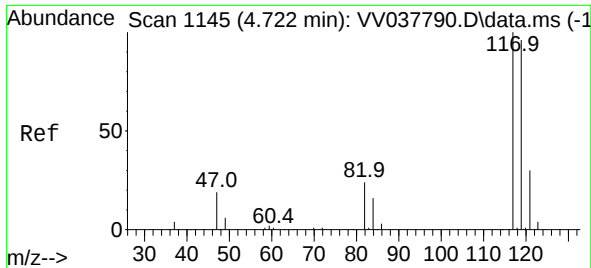
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 41.1 33.6 50.4

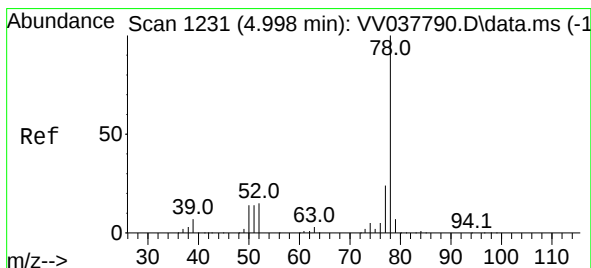
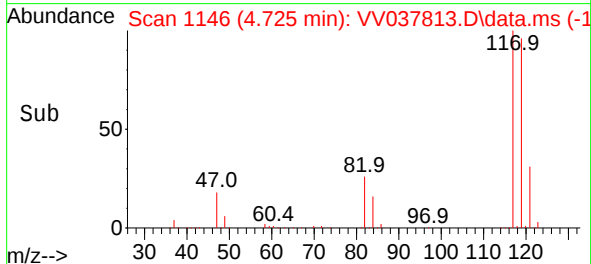
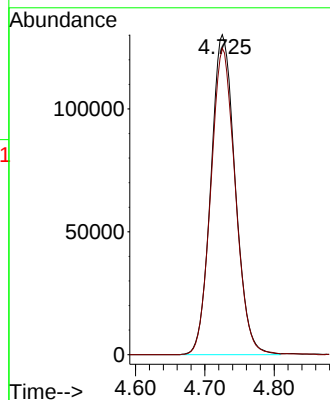
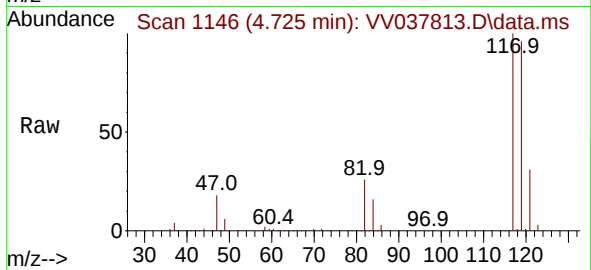




#31
Carbon tetrachloride
Concen: 50.891 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

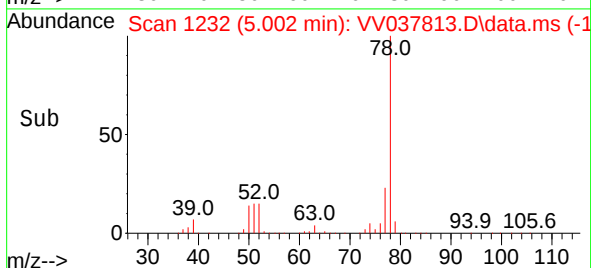
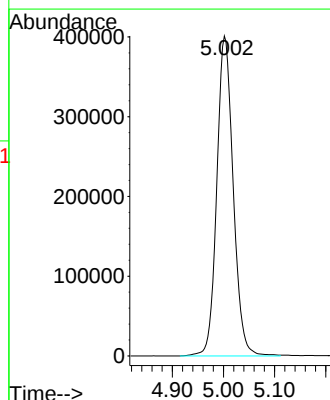
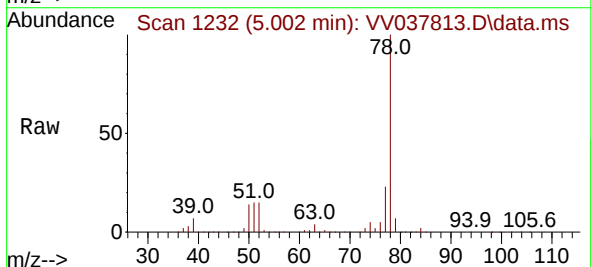
Instrument :
MSVOA_V
ClientSampleId :

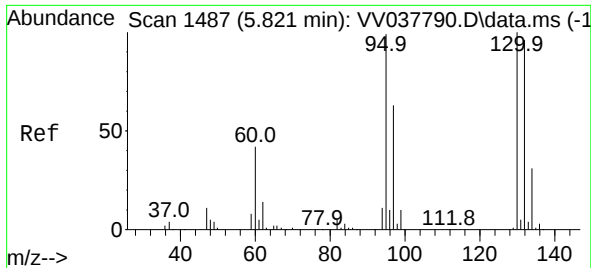
Tgt Ion:117 Resp: 317970
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 50.886 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion: 78 Resp: 895468

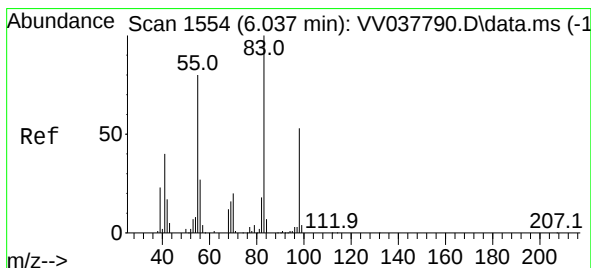
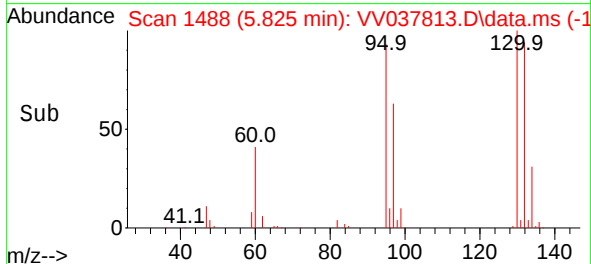
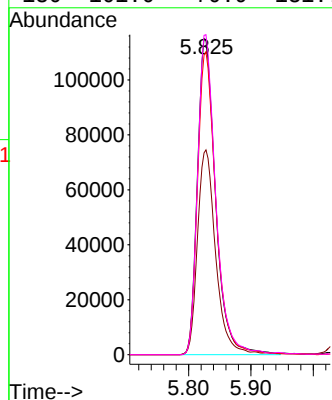
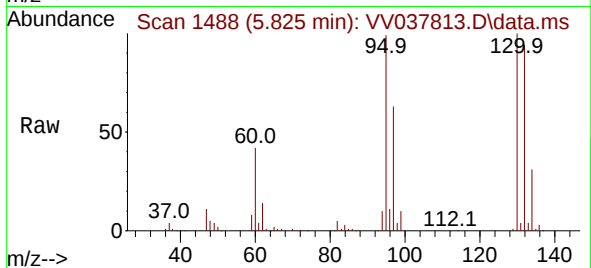




#34
Trichloroethene
Concen: 49.770 ug/L
RT: 5.825 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

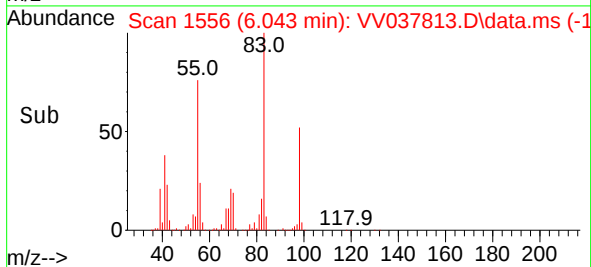
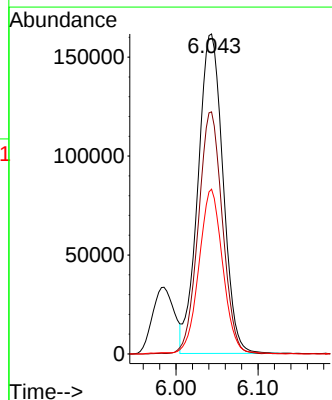
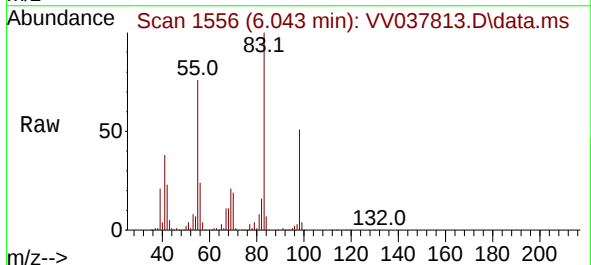
Instrument :
MSVOA_V
ClientSampleId :

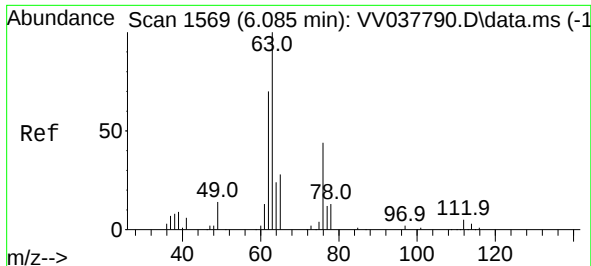
Tgt Ion: 95 Resp: 233242
Ion Ratio Lower Upper
95 100
97 63.8 46.3 85.9
132 94.7 68.6 127.4
130 101.0 70.9 131.7



#35
Methylcyclohexane
Concen: 47.308 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion: 83 Resp: 341066
Ion Ratio Lower Upper
83 100
55 73.2 57.9 86.9
98 49.0 39.3 58.9





#37

1,2-Dichloropropane

Concen: 52.109 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

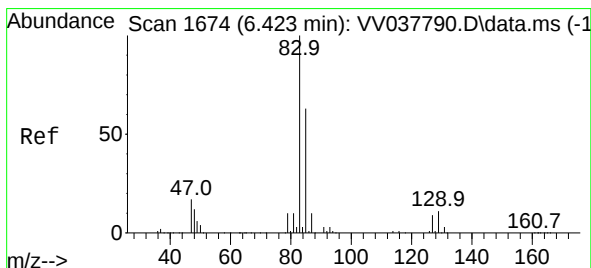
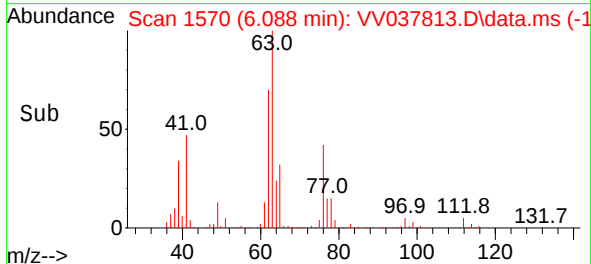
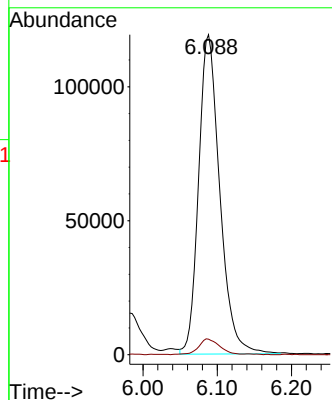
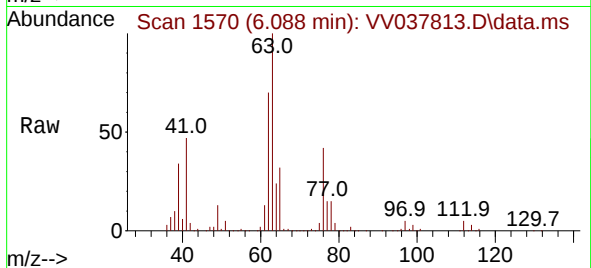
ClientSampleId :

Tgt Ion: 63 Resp: 236793

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 52.151 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

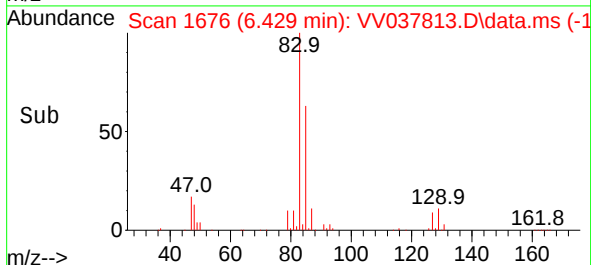
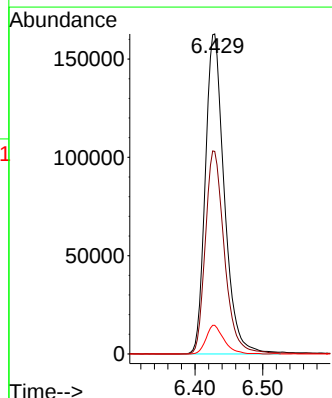
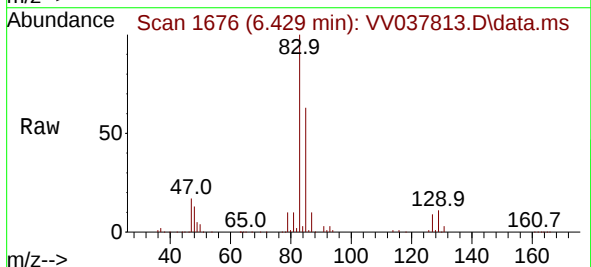
Tgt Ion: 83 Resp: 316796

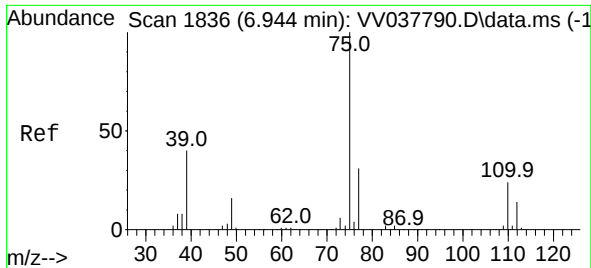
Ion Ratio Lower Upper

83 100

85 63.3 45.7 84.9

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 49.884 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

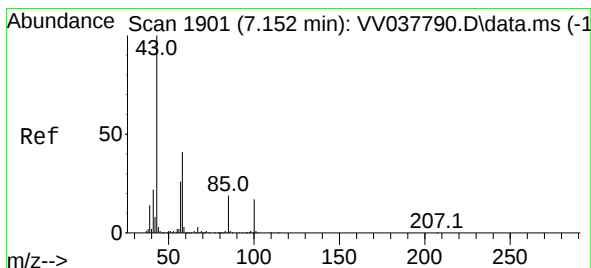
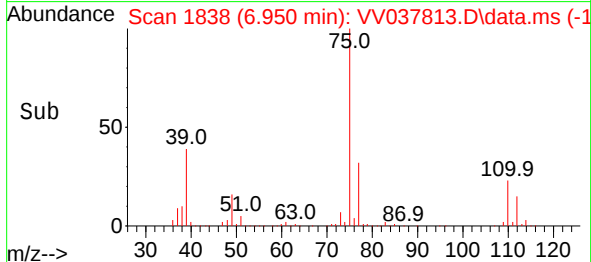
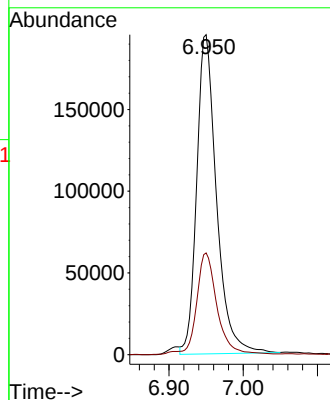
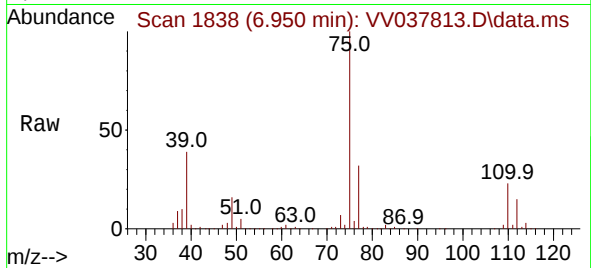
ClientSampleId :

Tgt Ion: 75 Resp: 361845

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 110.399 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

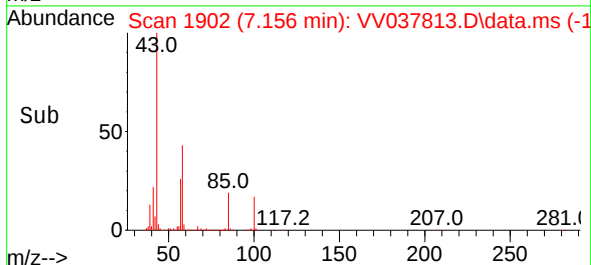
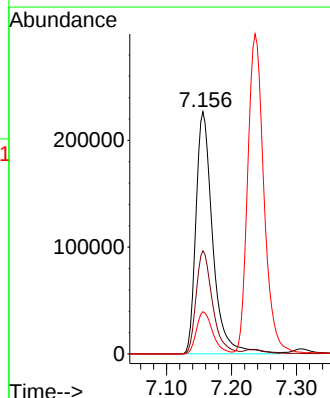
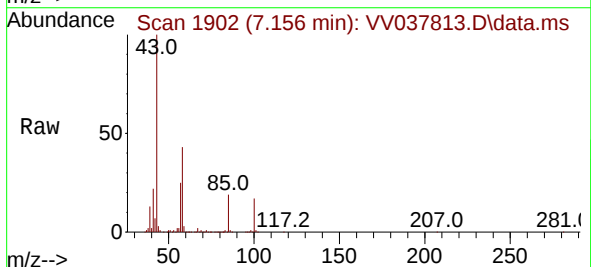
Tgt Ion: 43 Resp: 408465

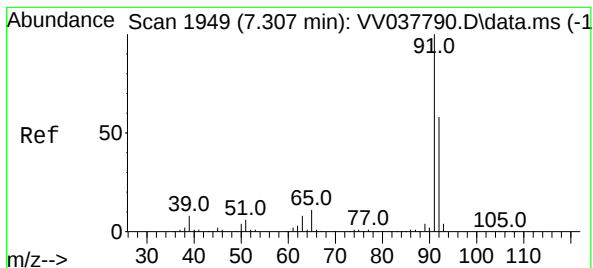
Ion Ratio Lower Upper

43 100

58 41.7 33.0 49.4

100 17.0 13.7 20.5





#42

Toluene

Concen: 52.112 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

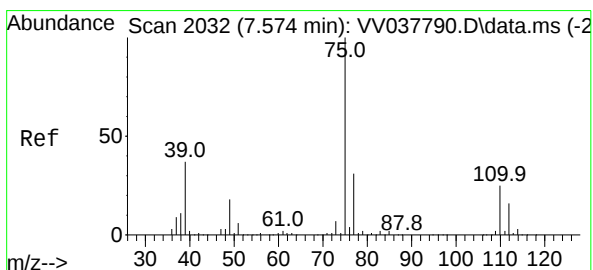
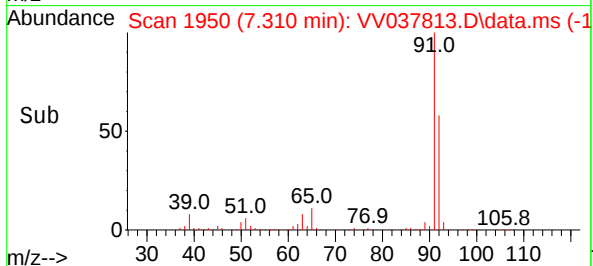
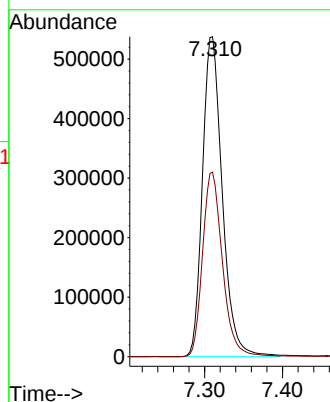
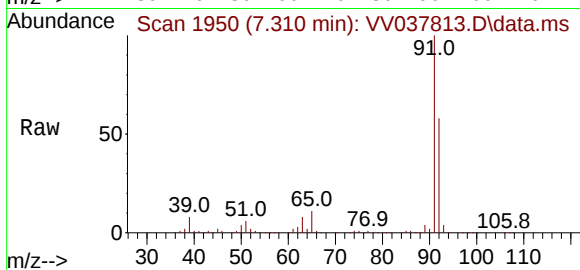
ClientSampleId :

Tgt Ion: 91 Resp: 950689

Ion Ratio Lower Upper

91 100

92 57.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 51.729 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037813.D

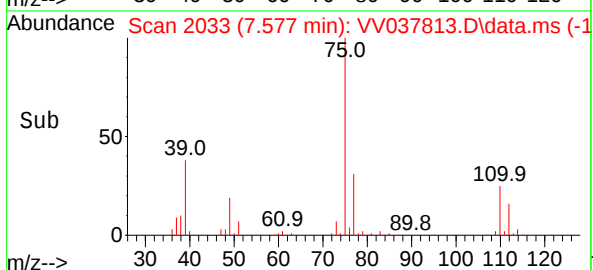
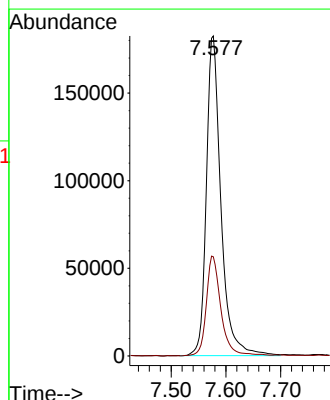
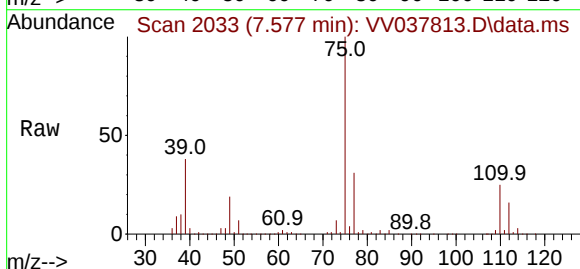
Acq: 10 Oct 2024 17:56

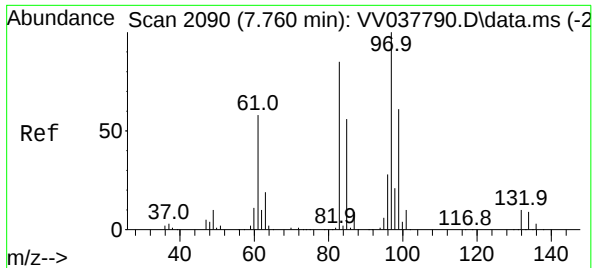
Tgt Ion: 75 Resp: 337824

Ion Ratio Lower Upper

75 100

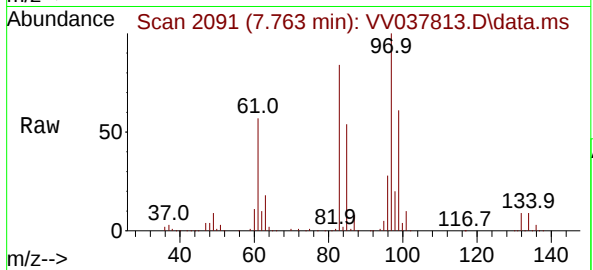
77 31.0 21.9 40.7



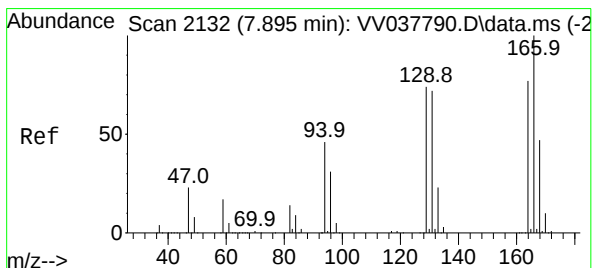
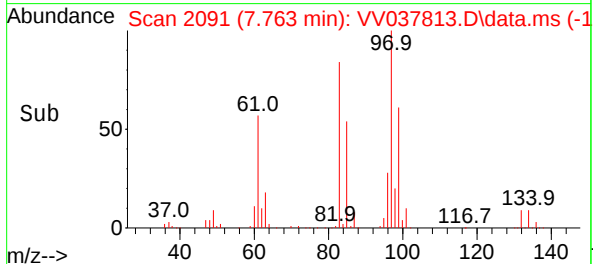
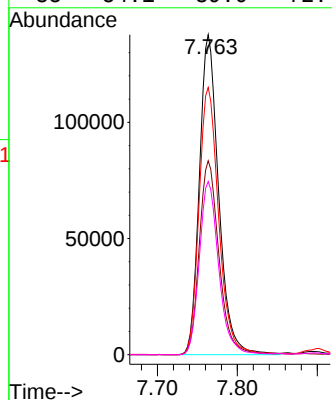


#45
1,1,2-Trichloroethane
Concen: 53.029 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Instrument :
MSVOA_V
ClientSampleId :

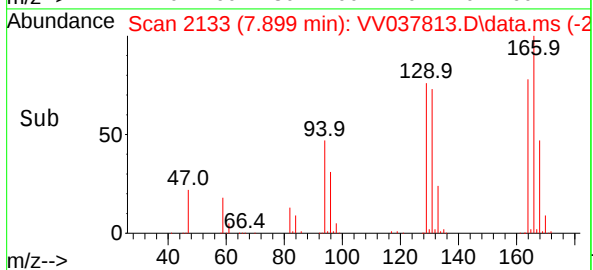
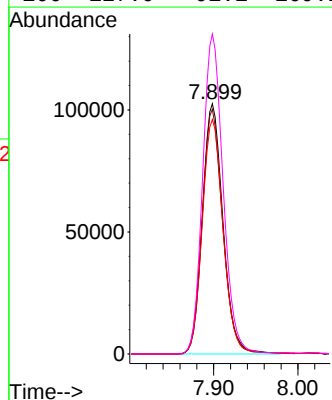
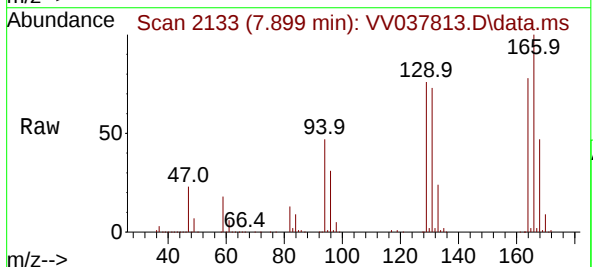


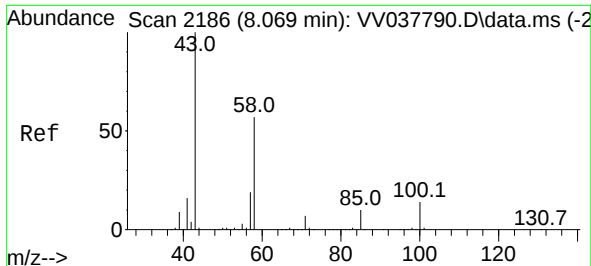
Tgt Ion:	97	Resp:	231383
Ion	Ratio	Lower	Upper
97	100		
99	60.6	44.1	81.9
83	83.5	59.3	110.1
85	54.1	39.0	72.4



#46
Tetrachloroethene
Concen: 48.649 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion:	164	Resp:	174314
Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.2	126.6
131	93.7	66.1	122.8
166	127.9	91.1	169.1

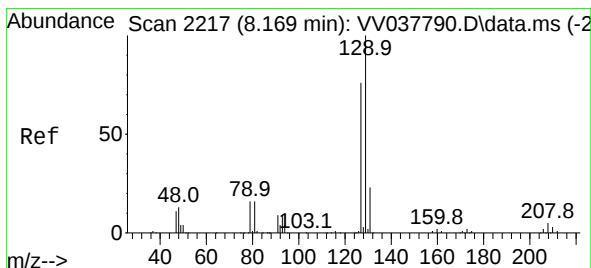
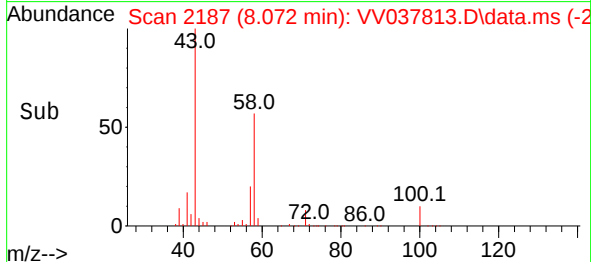
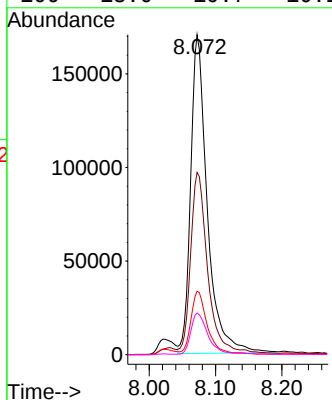
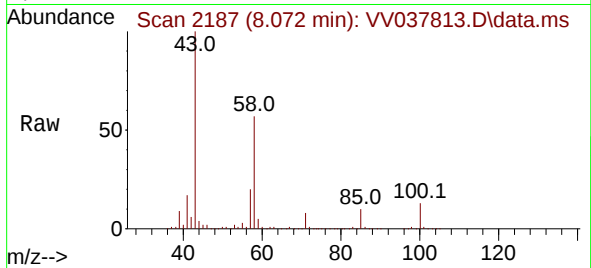




#48
2-Hexanone
Concen: 102.996 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

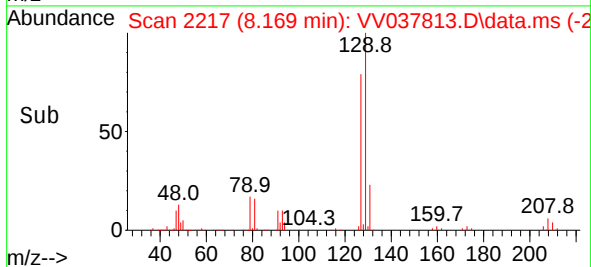
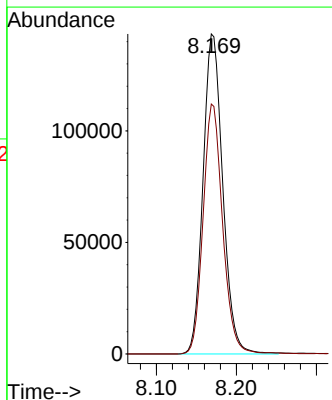
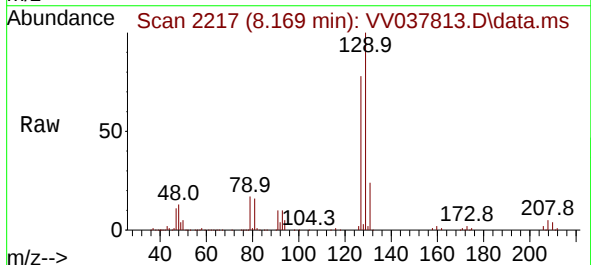
Instrument :
MSVOA_V
ClientSampleId :

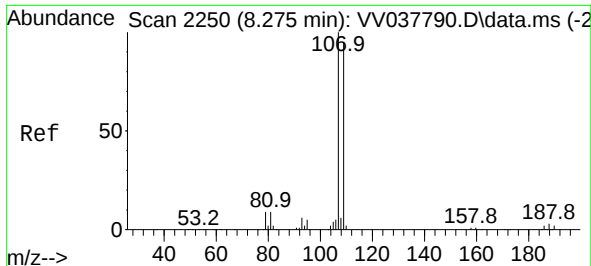
Tgt Ion: 43 Resp: 296318
Ion Ratio Lower Upper
43 100
58 55.3 46.5 69.7
57 18.4 15.1 22.7
100 13.0 10.7 16.1



#49
Dibromochloromethane
Concen: 53.306 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

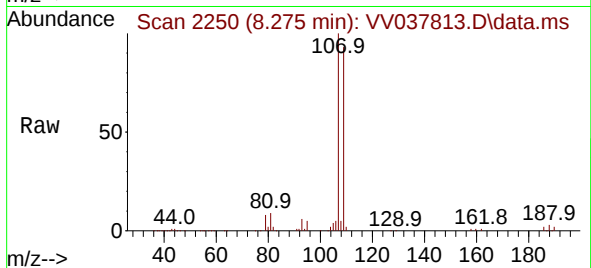
Tgt Ion: 129 Resp: 246171
Ion Ratio Lower Upper
129 100
127 78.1 54.9 101.9



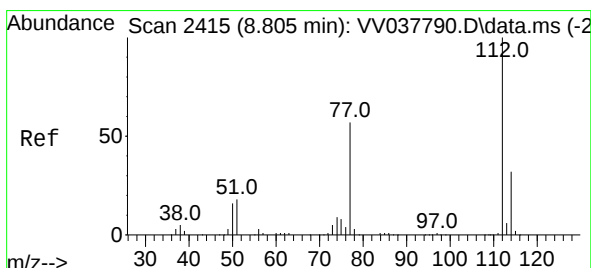
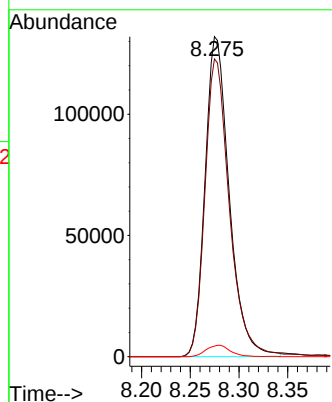
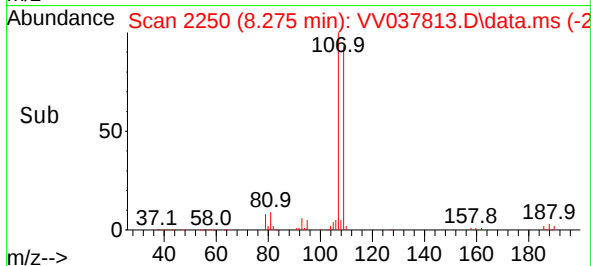


#50
1,2-Dibromoethane
Concen: 50.556 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

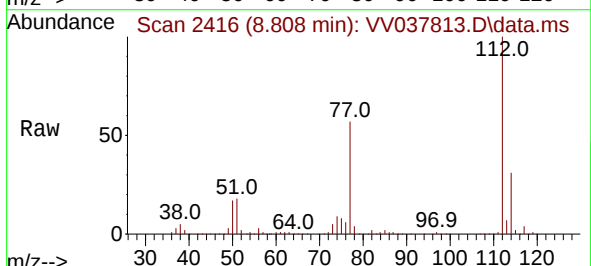
Instrument :
MSVOA_V
ClientSampleId :



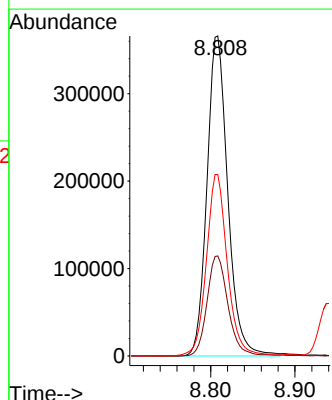
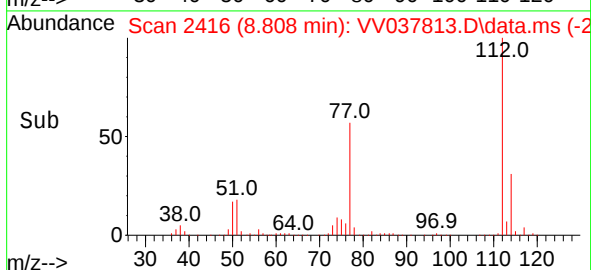
Tgt Ion:107 Resp: 228024
Ion Ratio Lower Upper
107 100
109 93.0 65.7 121.9
188 3.3 2.8 4.2

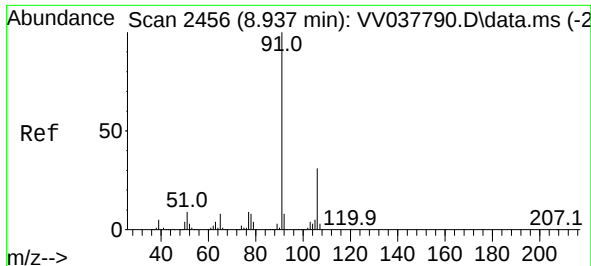


#51
Chlorobenzene
Concen: 50.621 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56



Tgt Ion:112 Resp: 629174
Ion Ratio Lower Upper
112 100
114 31.2 22.5 41.7
77 56.7 45.8 68.8

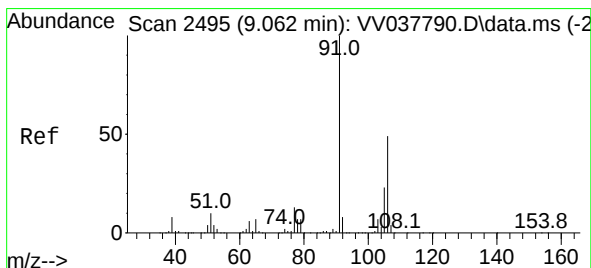
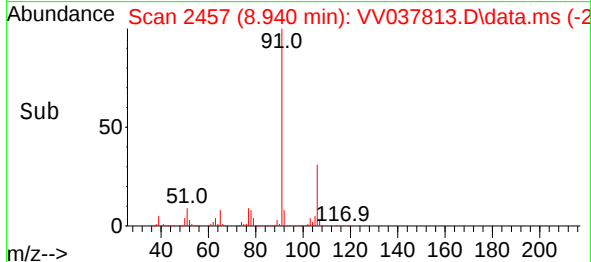
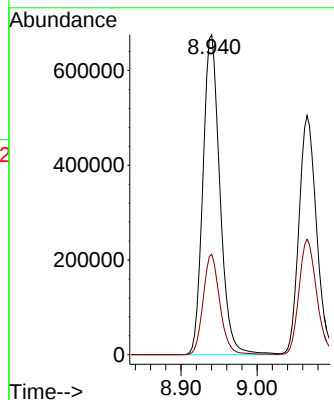
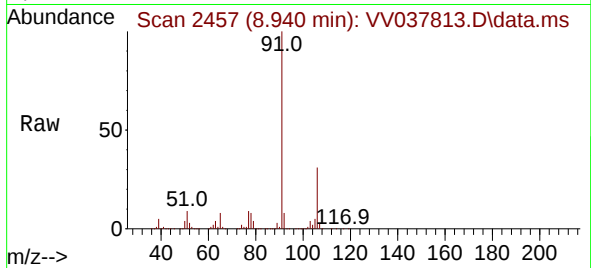




#52
Ethylbenzene
Concen: 51.159 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

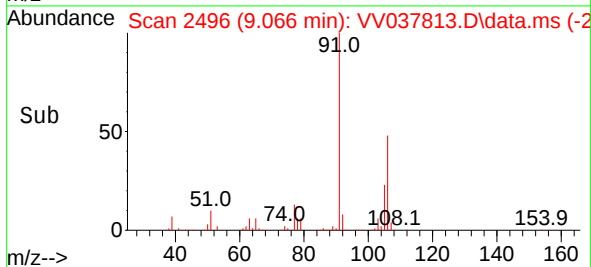
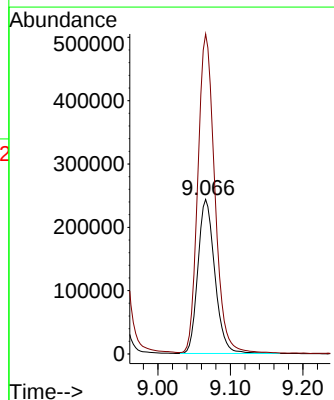
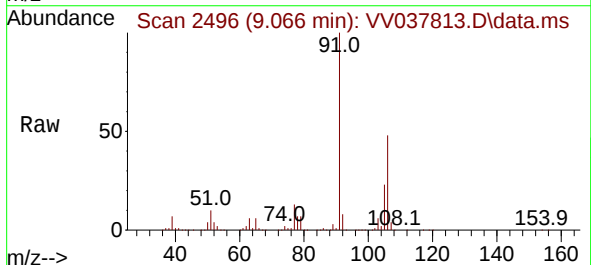
Instrument :
MSVOA_V
ClientSampleId :

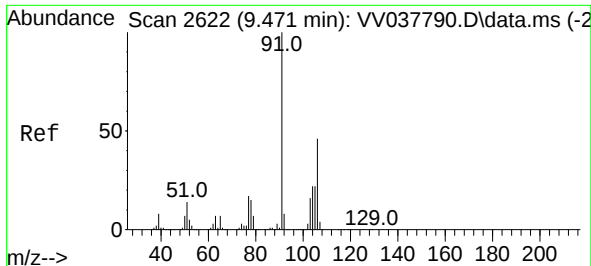
Tgt Ion: 91 Resp: 1050574
Ion Ratio Lower Upper
91 100
106 31.4 21.9 40.7



#53
m,p-Xylene
Concen: 51.589 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion:106 Resp: 394278
Ion Ratio Lower Upper
106 100
91 207.1 142.0 263.6

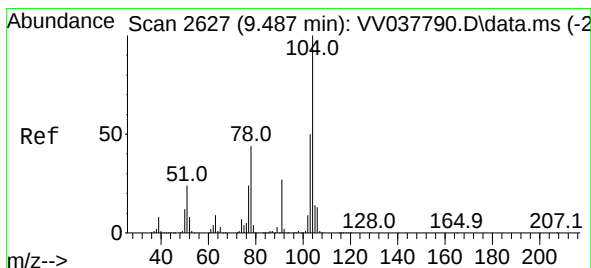
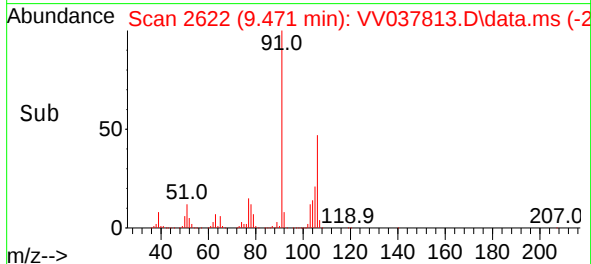
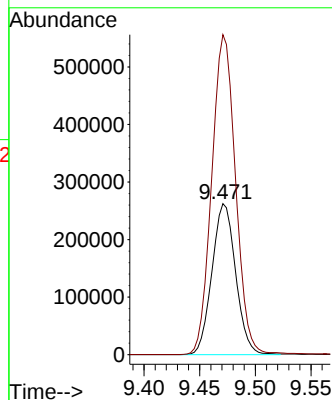
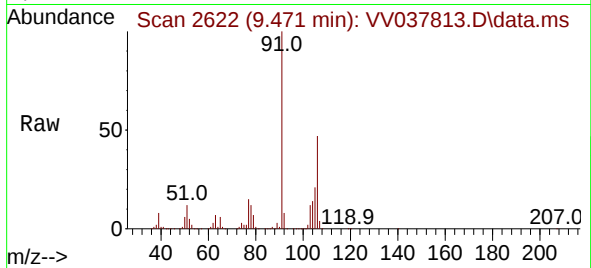




#54
o-Xylene
Concen: 52.063 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

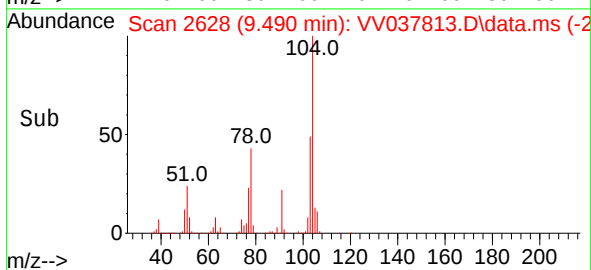
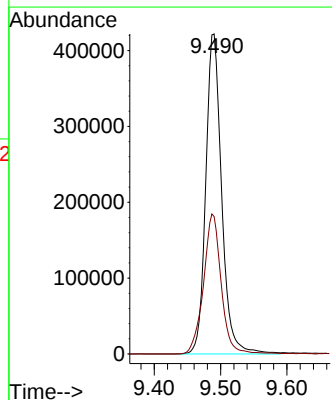
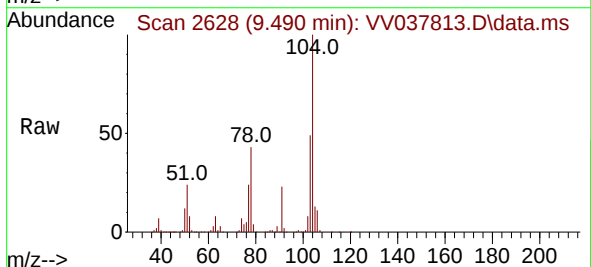
Instrument :
MSVOA_V
ClientSampleId :

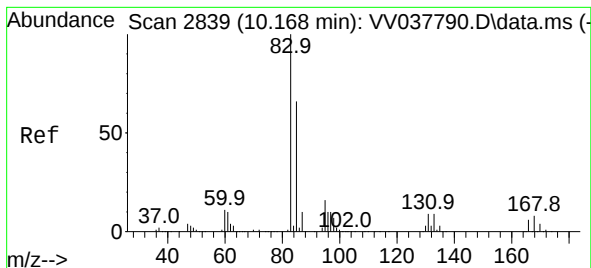
Tgt Ion:106 Resp: 388468
Ion Ratio Lower Upper
106 100
91 211.9 153.9 285.9



#55
Styrene
Concen: 54.168 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion:104 Resp: 703601
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 52.510 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

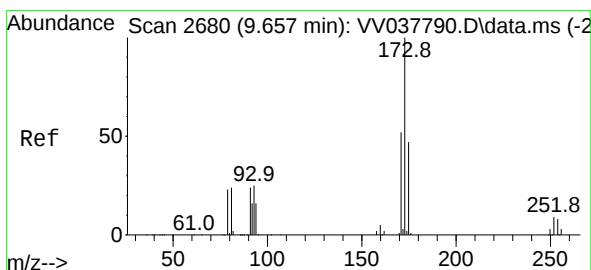
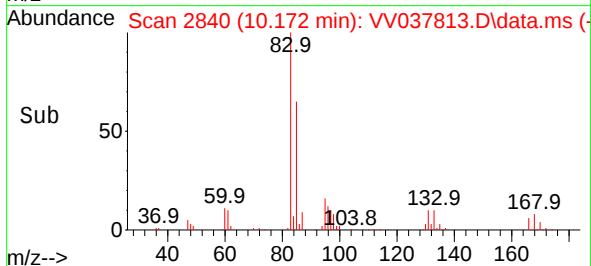
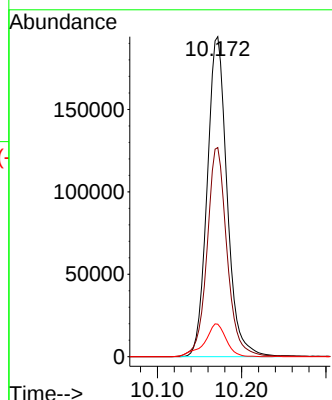
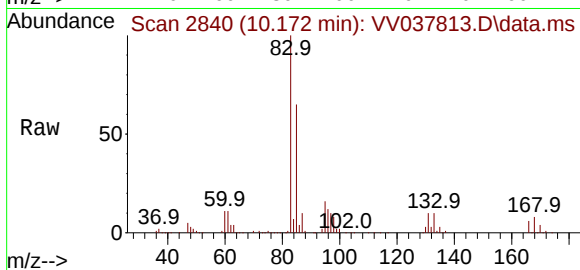
Tgt Ion: 83 Resp: 319437

Ion Ratio Lower Upper

83 100

85 65.4 45.9 85.3

131 10.1 7.9 11.9



#59

Bromoform

Concen: 50.974 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

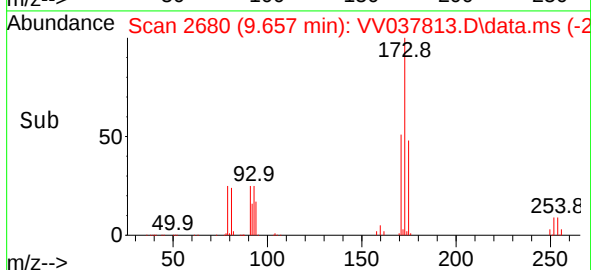
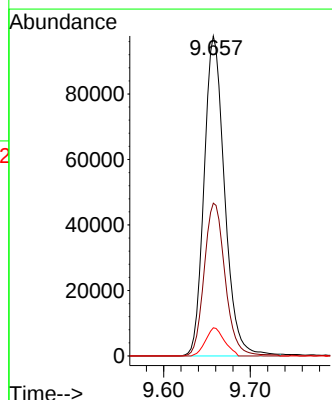
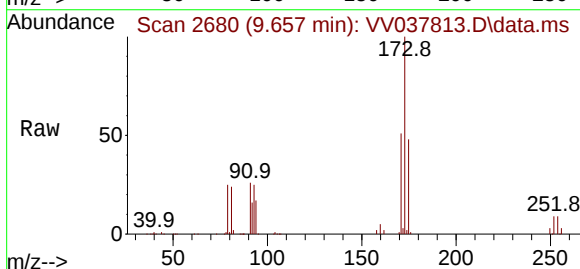
Tgt Ion: 173 Resp: 161094

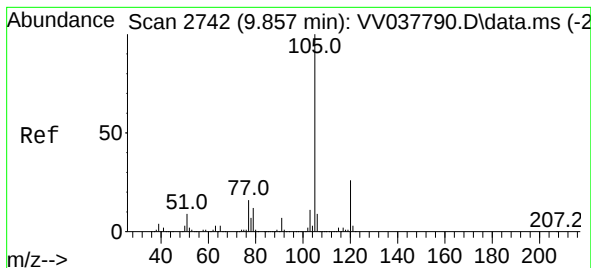
Ion Ratio Lower Upper

173 100

175 48.6 40.0 60.0

254 8.1 6.5 9.7





#60

Isopropylbenzene

Concen: 50.028 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

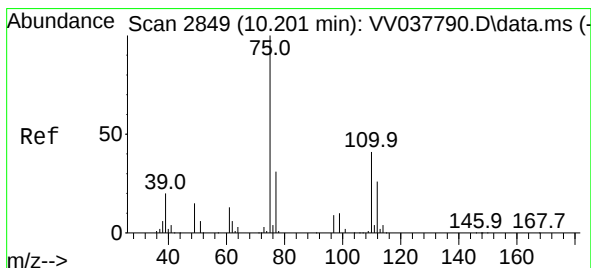
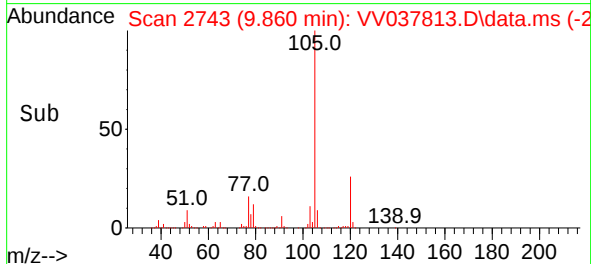
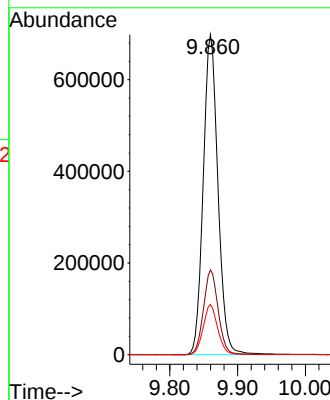
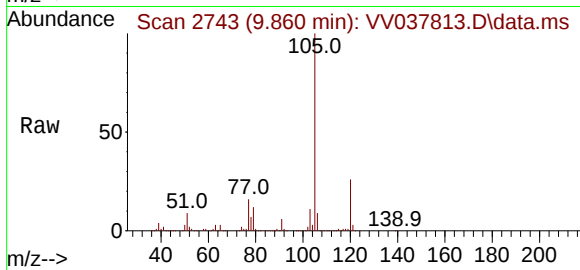
Tgt Ion:105 Resp: 1051697

Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

77 15.6 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 49.958 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

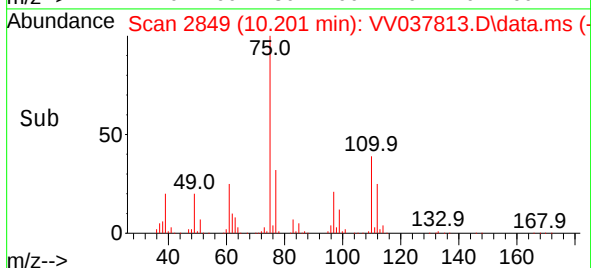
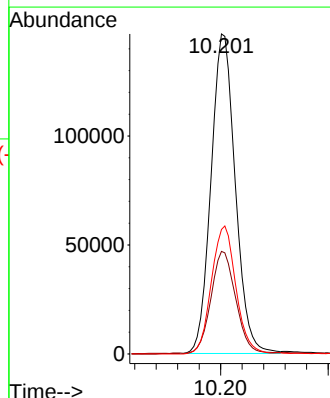
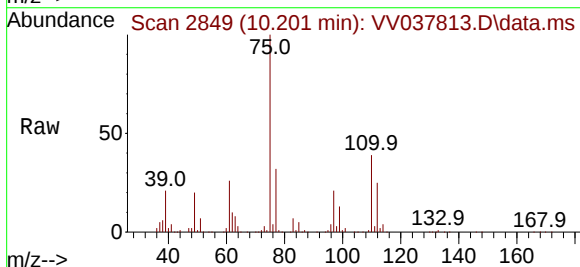
Tgt Ion: 75 Resp: 229862

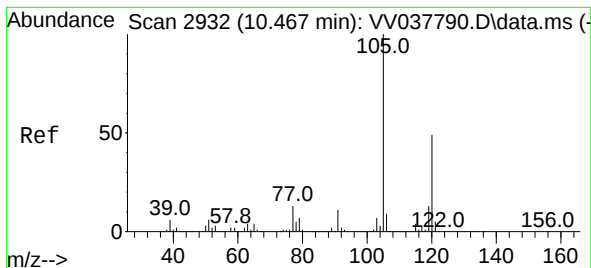
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

110 40.4 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 50.218 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

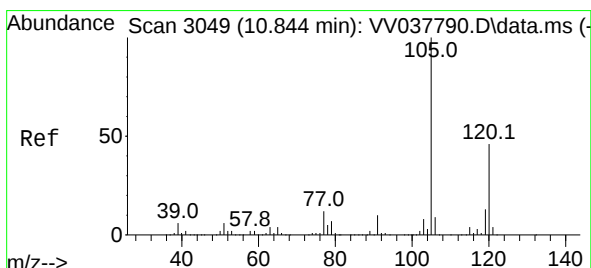
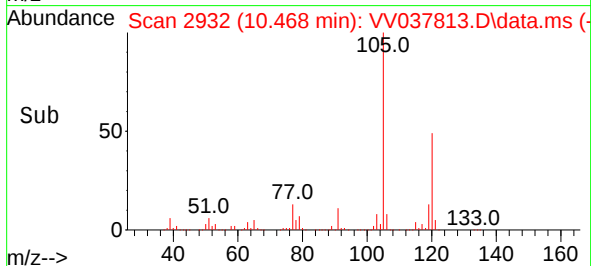
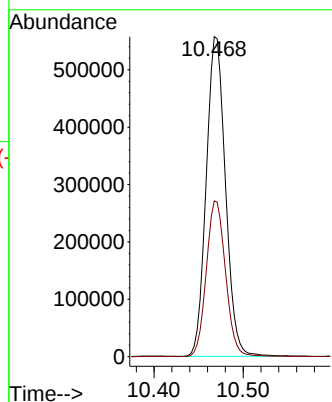
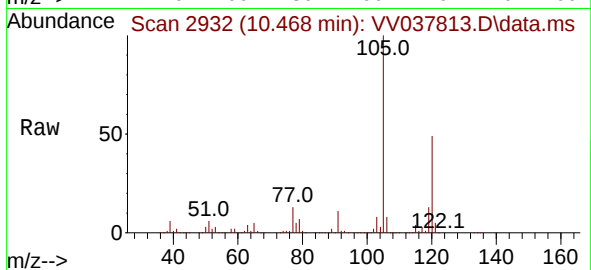
ClientSampleId :

Tgt Ion:105 Resp: 834635

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 50.451 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037813.D

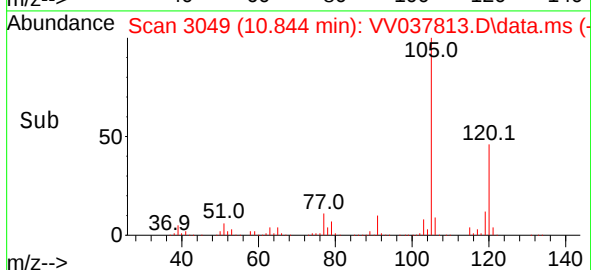
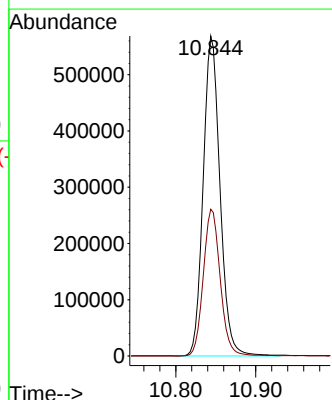
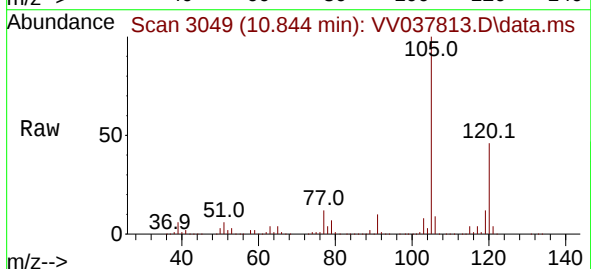
Acq: 10 Oct 2024 17:56

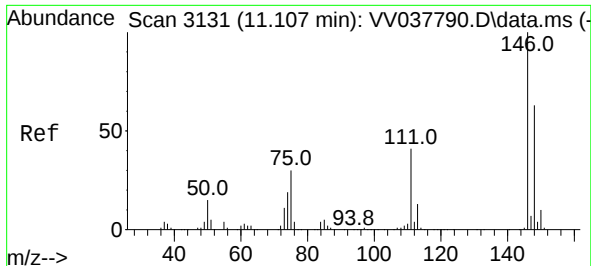
Tgt Ion:105 Resp: 834290

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.2

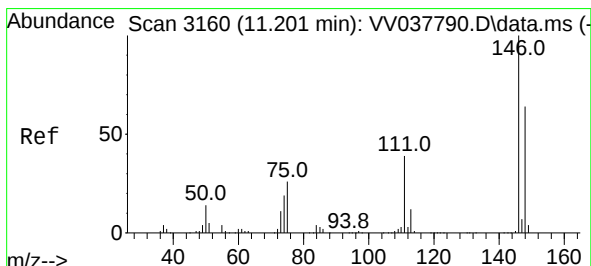
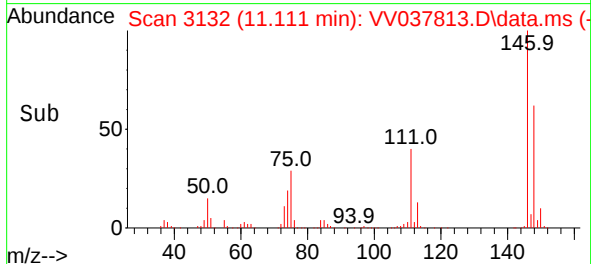
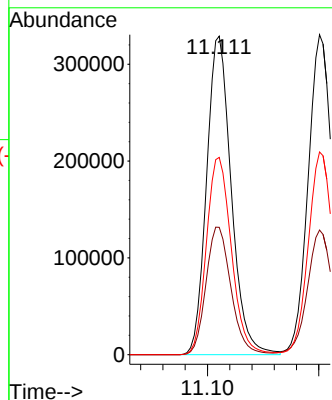
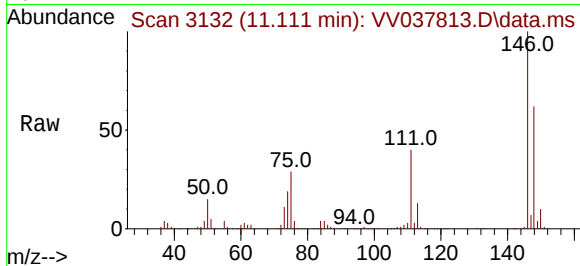




#64
1,3-Dichlorobenzene
Concen: 50.026 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

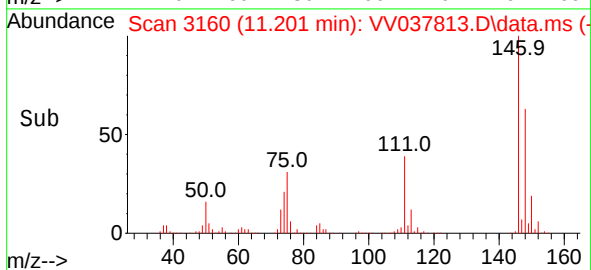
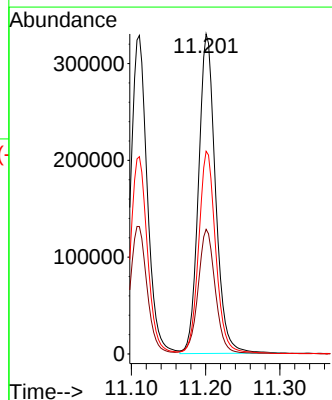
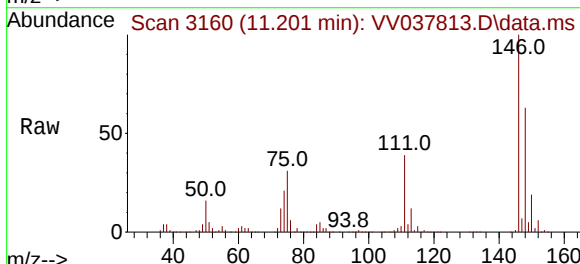
Instrument :
MSVOA_V
ClientSampleId :

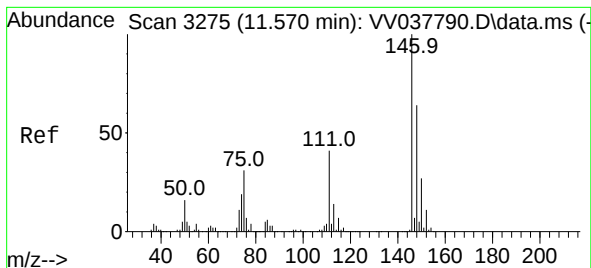
Tgt Ion:146 Resp: 506200
Ion Ratio Lower Upper
146 100
111 40.0 28.3 52.5
148 62.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 49.933 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037813.D
Acq: 10 Oct 2024 17:56

Tgt Ion:146 Resp: 526122
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.4
148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.799 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

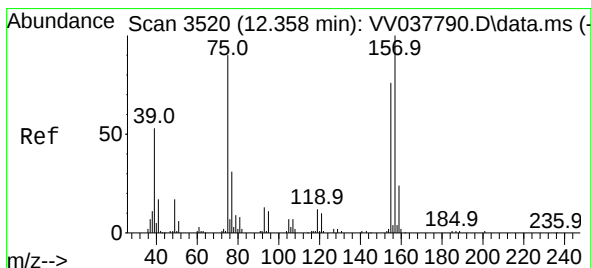
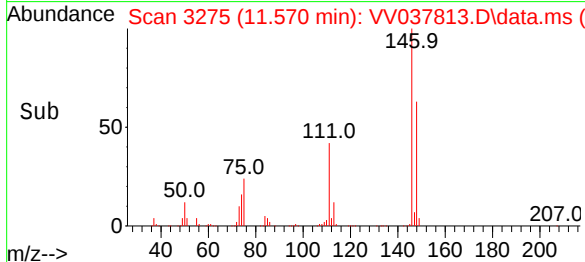
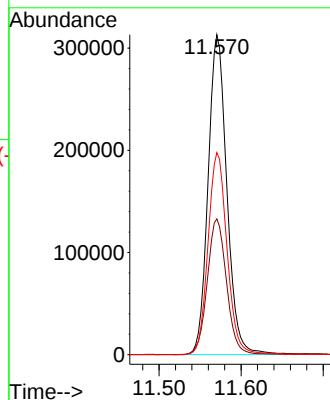
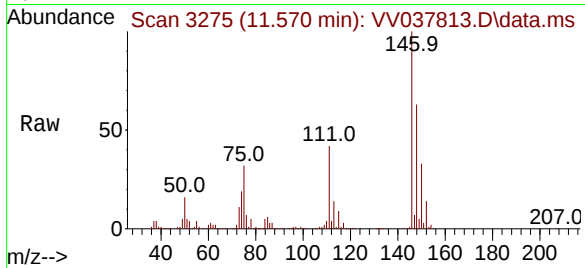
Tgt Ion:146 Resp: 498134

Ion Ratio Lower Upper

146 100

111 42.4 34.2 51.2

148 63.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.214 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

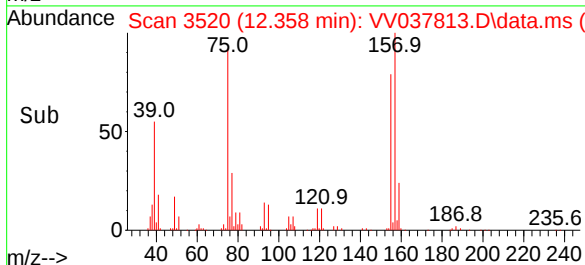
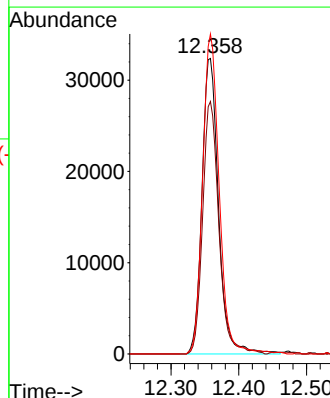
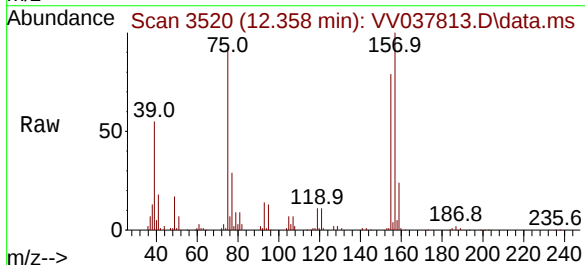
Tgt Ion: 75 Resp: 54967

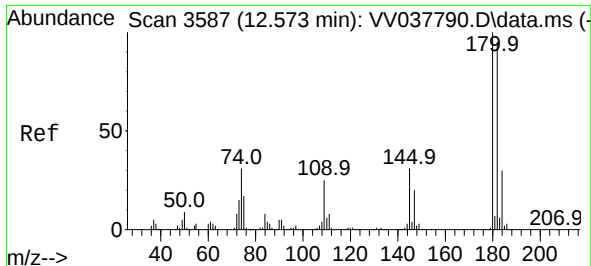
Ion Ratio Lower Upper

75 100

155 85.4 66.2 99.4

157 108.3 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 48.312 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 336173

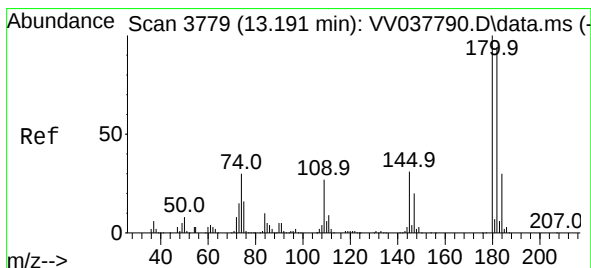
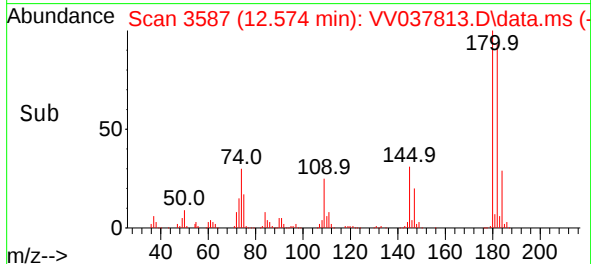
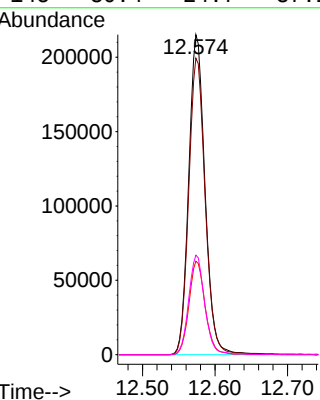
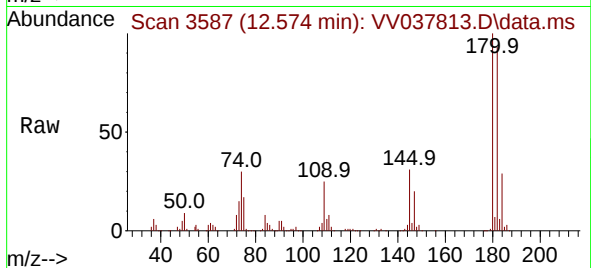
Ion Ratio Lower Upper

180 100

182 92.8 75.6 113.4

184 28.9 23.8 35.6

145 30.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 47.186 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

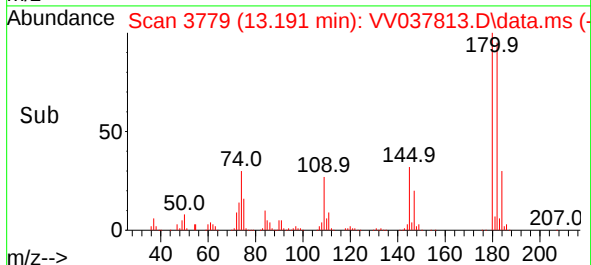
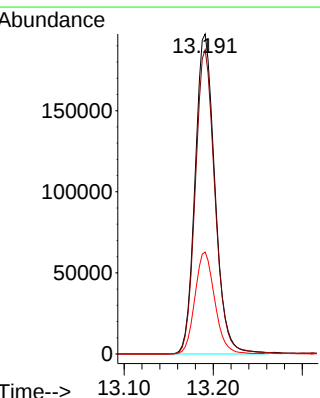
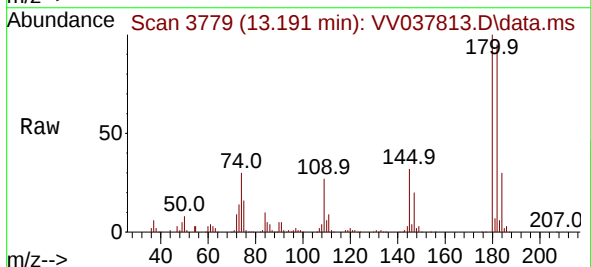
Tgt Ion:180 Resp: 304635

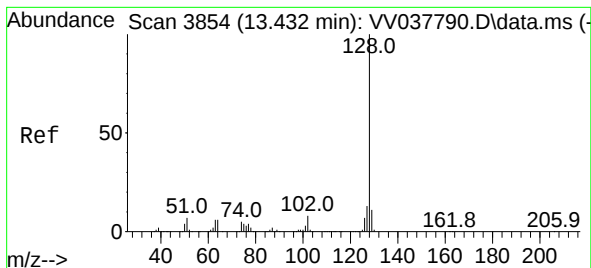
Ion Ratio Lower Upper

180 100

182 94.6 75.9 113.9

145 31.9 25.4 38.2





#71

Naphthalene

Concen: 50.805 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

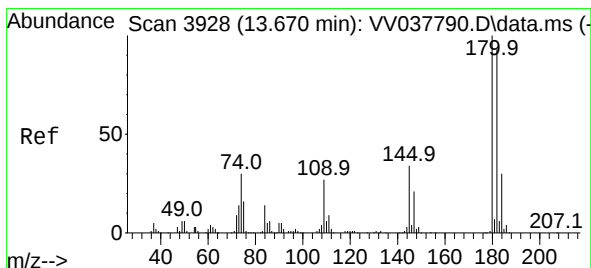
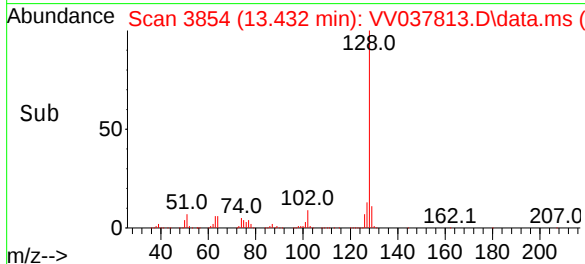
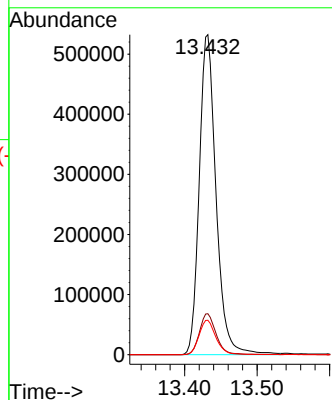
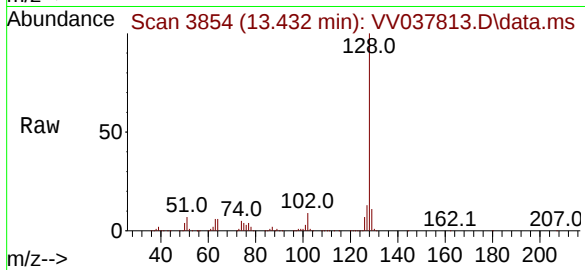
Tgt Ion:128 Resp: 856951

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.601 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037813.D

Acq: 10 Oct 2024 17:56

Tgt Ion:180 Resp: 309857

Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.8

145 34.5 26.2 39.4

