

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092524\
 Data File : VV037507.D
 Acq On : 25 Sep 2024 08:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 04:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	715954	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	685836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	363651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	236613	36.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.260%
7) Chloroethane-d5	1.532	69	199005	39.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.640%
11) 1,1-Dichloroethene-d2	2.056	65	106937	38.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.700%
21) 2-Butanone-d5	3.789	46	310300	122.349	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.350%
24) Chloroform-d	4.240	84	494635	48.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	4.931	65	290448	44.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
32) Benzene-d6	4.950	84	931643	44.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	5.979	67	299479	46.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.320%
41) Toluene-d8	7.233	98	842891	45.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.180%
43) trans-1,3-Dichloroprop...	7.545	79	140684	46.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.021	63	212230	119.853	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.850%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	418275	53.155	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	11.551	152	331003	45.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	269447	44.536	ug/L	99
3) Chloromethane	1.217	50	252990	37.182	ug/L	99
5) Vinyl chloride	1.285	62	284910	44.605	ug/L	99
6) Bromomethane	1.487	94	143707	40.151	ug/L	98
8) Chloroethane	1.548	64	179523	45.949	ug/L	98
9) Trichlorofluoromethane	1.712	101	405514	48.648	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	245808	49.579	ug/L	98
12) 1,1-Dichloroethene	2.069	96	223716	47.895	ug/L	91
13) Acetone	2.118	43	302669	111.274	ug/L	99
14) Carbon disulfide	2.236	76	606338	42.760	ug/L	99
15) Methyl Acetate	2.372	43	252473	55.365	ug/L	98
16) Methylene chloride	2.442	84	247560	46.975	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	233547	48.164	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	774272	50.760	ug/L	98
19) 1,1-Dichloroethane	3.105	63	462869	48.066	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	280520	52.354	ug/L	97
22) 2-Butanone	3.870	43	352656	117.757	ug/L	96
23) Bromochloromethane	4.137	128	142620	54.223	ug/L	94
25) Chloroform	4.265	83	484097	49.638	ug/L	99

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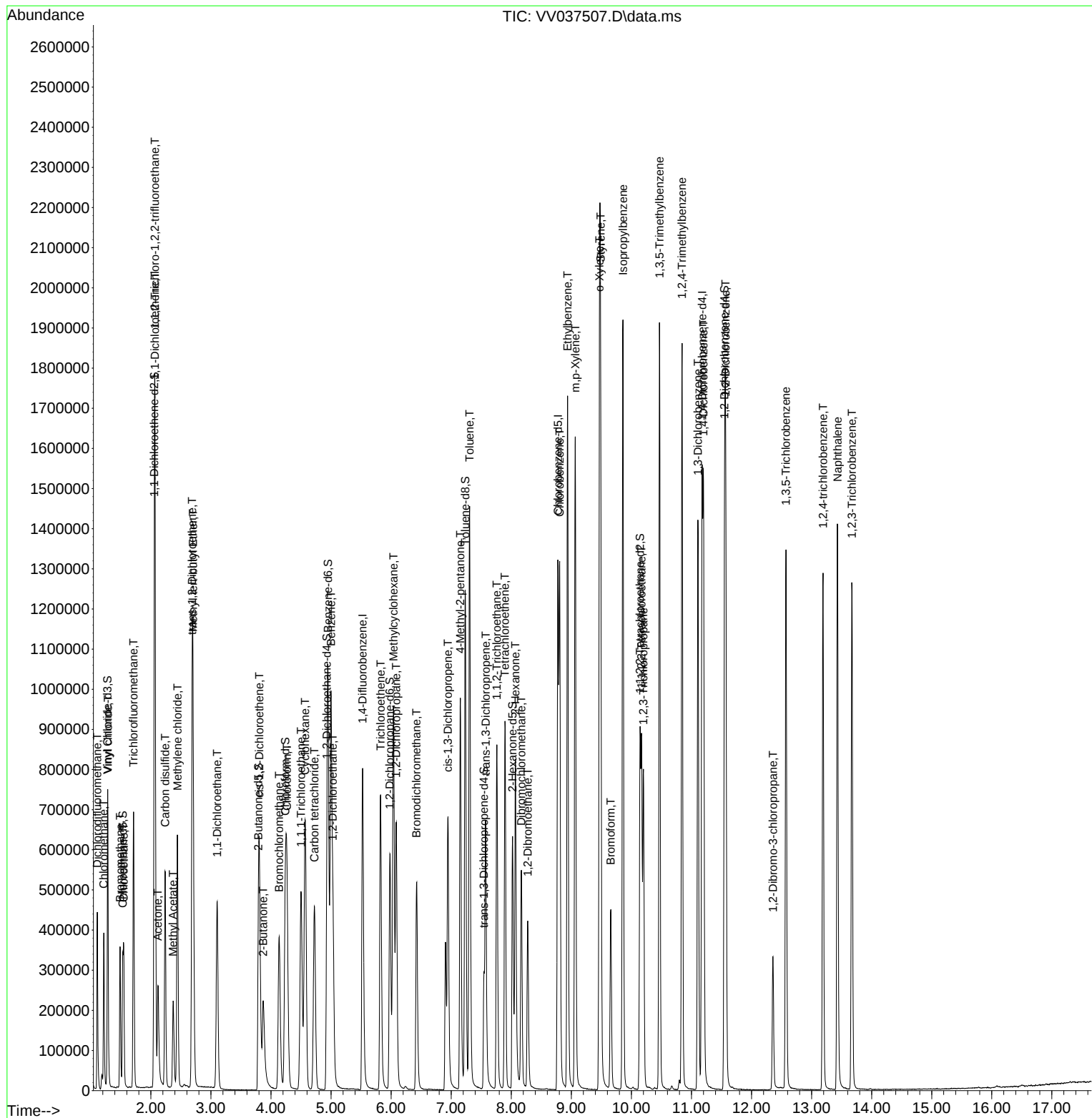
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	353720	49.444	ug/L	99
29) Cyclohexane	4.568	56	382361	47.416	ug/L	97
30) 1,1,1-Trichloroethane	4.500	97	415617	52.667	ug/L	98
31) Carbon tetrachloride	4.722	117	353810	53.133	ug/L	97
33) Benzene	4.998	78	1020714	51.570	ug/L	100
34) Trichloroethene	5.825	95	272273	52.118	ug/L	98
35) Methylcyclohexane	6.040	83	419443	49.417	ug/L	97
37) 1,2-Dichloropropane	6.085	63	268581	50.616	ug/L	98
38) Bromodichloromethane	6.423	83	358507	52.714	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	446057	53.269	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	646311	119.808	ug/L	97
42) Toluene	7.307	91	1084410	52.621	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	399674	53.399	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	271823	55.030	ug/L	98
46) Tetrachloroethene	7.895	164	204051	54.438	ug/L	99
48) 2-Hexanone	8.069	43	508646	121.917	ug/L	98
49) Dibromochloromethane	8.169	129	278946	56.398	ug/L	100
50) 1,2-Dibromoethane	8.275	107	284010	56.820	ug/L	99
51) Chlorobenzene	8.805	112	713889	52.326	ug/L	97
52) Ethylbenzene	8.937	91	1211859	52.061	ug/L	99
53) m,p-Xylene	9.066	106	457414	53.037	ug/L	100
54) o-Xylene	9.471	106	448313	53.090	ug/L	98
55) Styrene	9.487	104	787720	53.760	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	420472	57.476	ug/L	100
59) Bromoform	9.657	173	200201	59.122	ug/L	100
60) Isopropylbenzene	9.860	105	1215897	51.575	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	319058	56.401	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	993029	51.484	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	998899	51.894	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	572838	52.621	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	582280	52.261	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	557581	52.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	85135	60.346	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	394694	52.107	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	369671	51.828	ug/L	99
71) Naphthalene	13.432	128	1129521	54.841	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	374101	53.222	ug/L	99

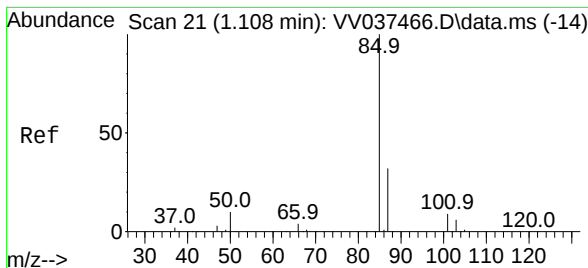
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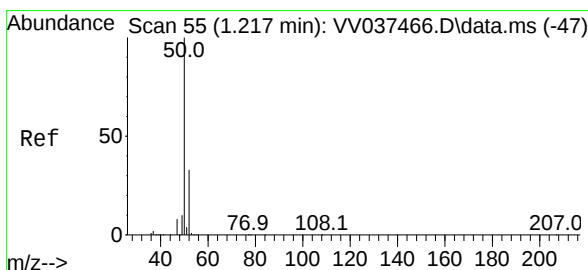
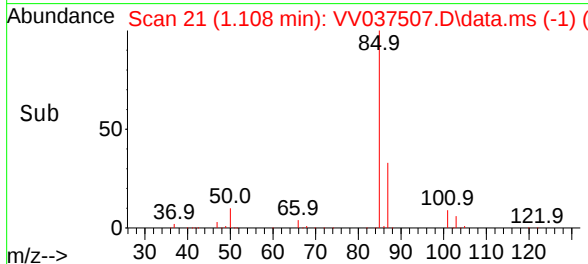
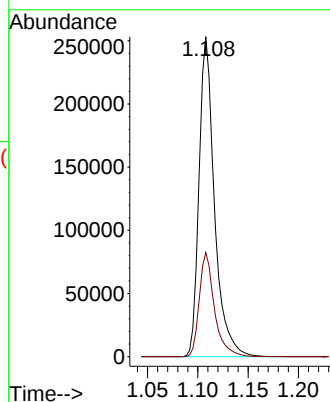
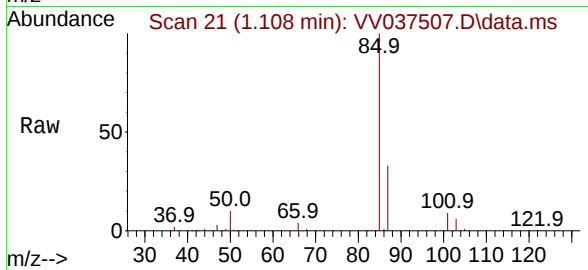




#2
 Dichlorodifluoromethane
 Concen: 44.536 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037507.D
 Acq: 25 Sep 2024 08:22

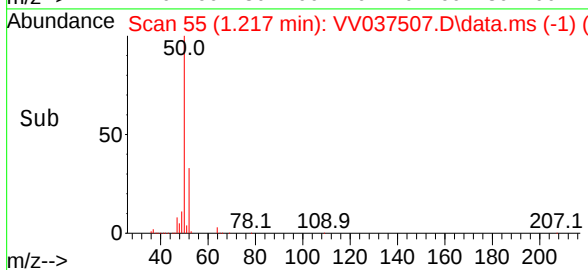
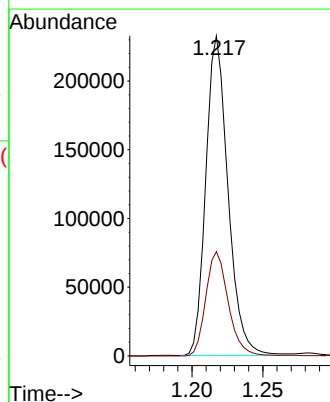
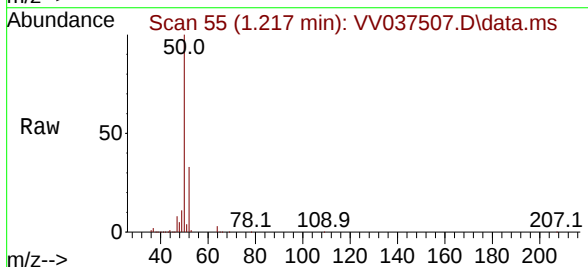
Instrument :
 MSVOA_V
 ClientSampleId :

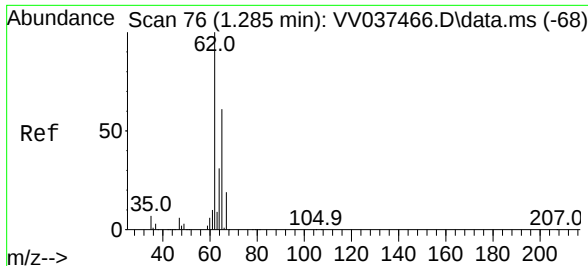
Tgt Ion: 85 Resp: 269447
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 37.182 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037507.D
 Acq: 25 Sep 2024 08:22

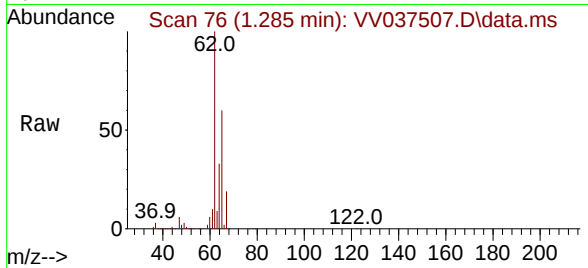
Tgt Ion: 50 Resp: 252990
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.9



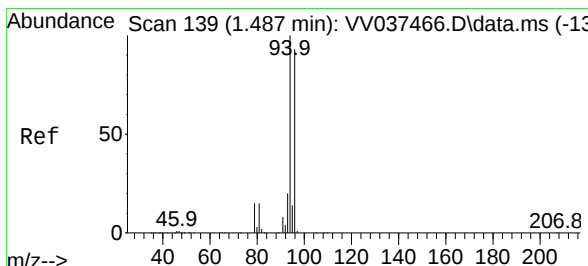
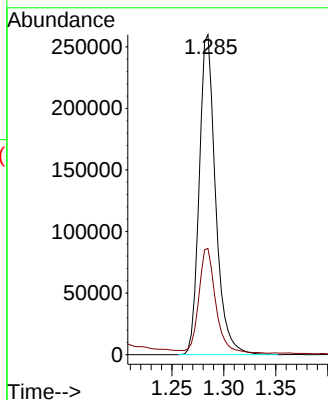
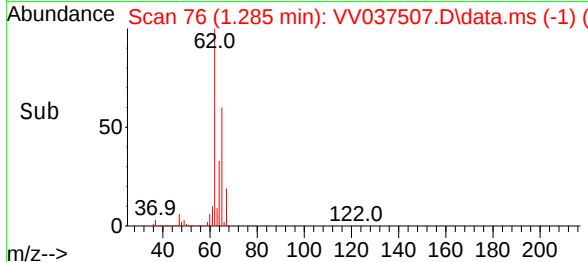


#5
 Vinyl chloride
 Concen: 44.605 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037507.D
 Acq: 25 Sep 2024 08:22

Instrument :
 MSVOA_V
 ClientSampleId :

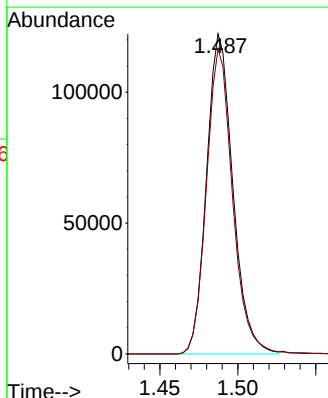
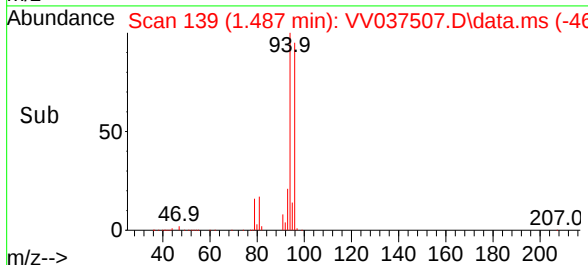
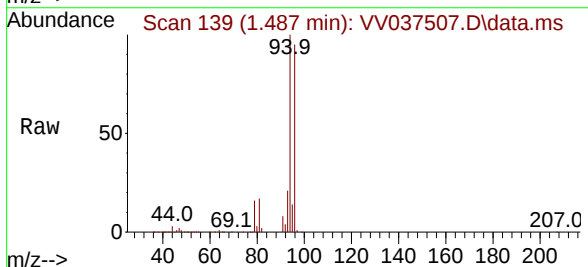


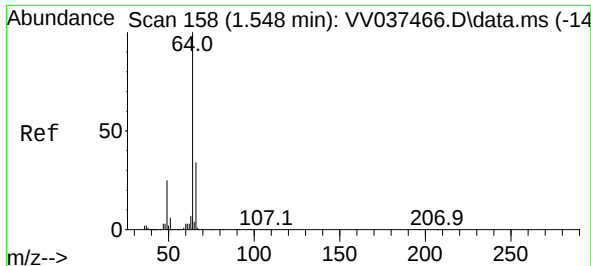
Tgt Ion: 62 Resp: 284910
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4



#6
 Bromomethane
 Concen: 40.151 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037507.D
 Acq: 25 Sep 2024 08:22

Tgt Ion: 94 Resp: 143707
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.6 121.8

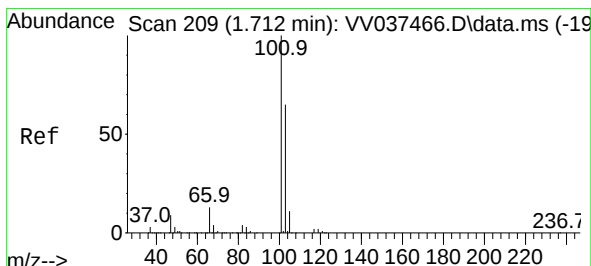
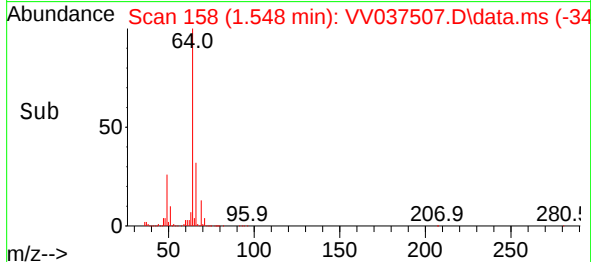
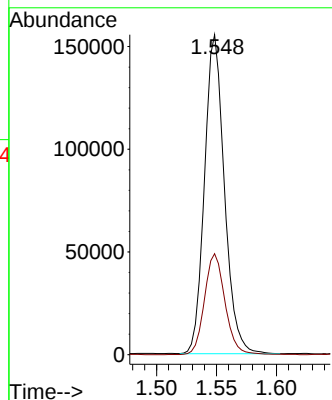
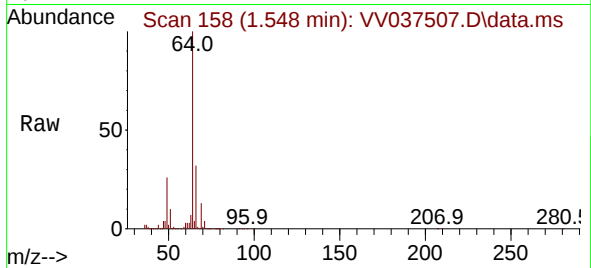




#8
Chloroethane
Concen: 45.949 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

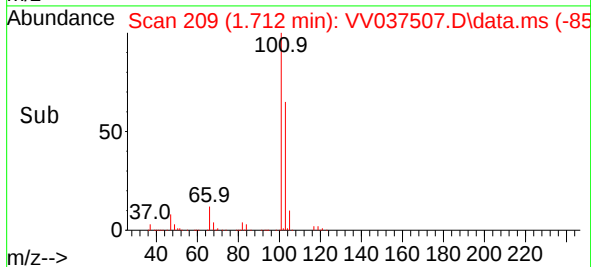
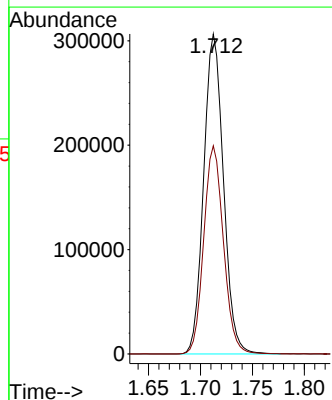
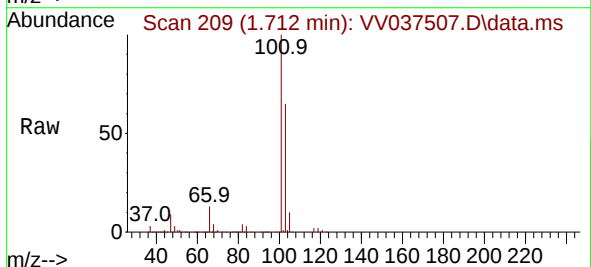
Instrument :
MSVOA_V
ClientSampleId :

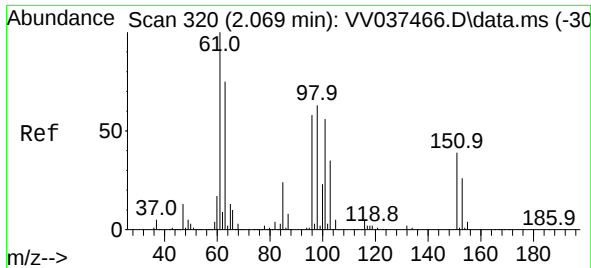
Tgt Ion: 64 Resp: 179523
Ion Ratio Lower Upper
64 100
66 31.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 48.648 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Tgt Ion:101 Resp: 405514
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5





#10

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

Concen: 49.579 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

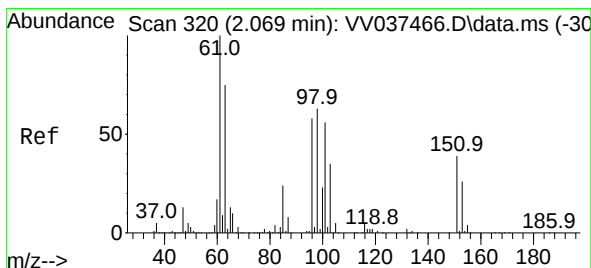
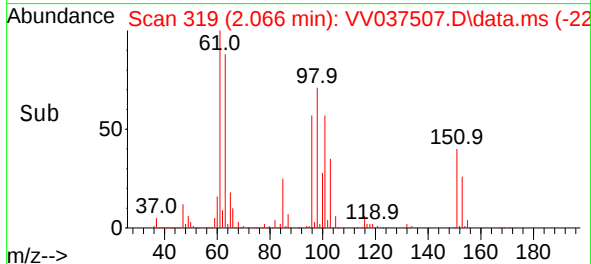
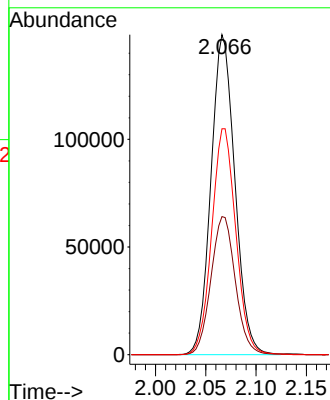
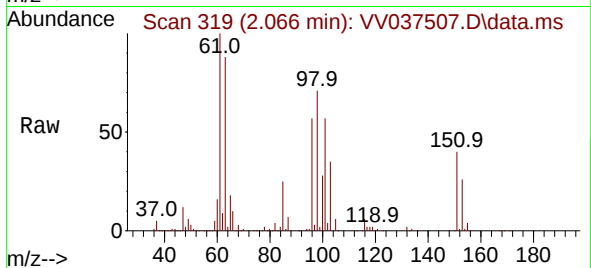
Tgt Ion:101 Resp: 245808

Ion Ratio Lower Upper

101 100

85 44.1 35.6 53.4

151 71.4 55.0 82.4



#12

1,1-Dichloroethene

Concen: 47.895 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

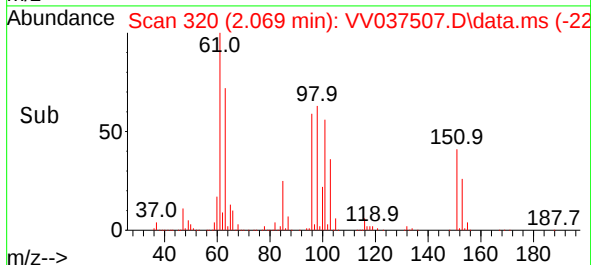
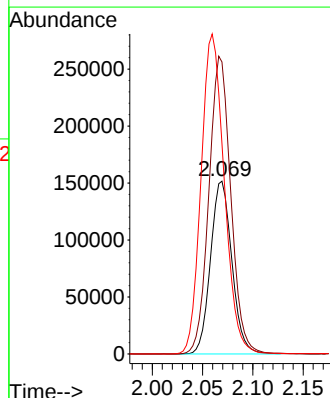
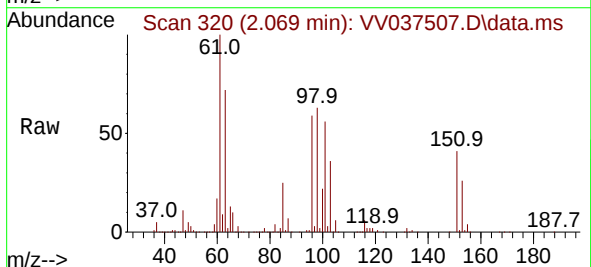
Tgt Ion: 96 Resp: 223716

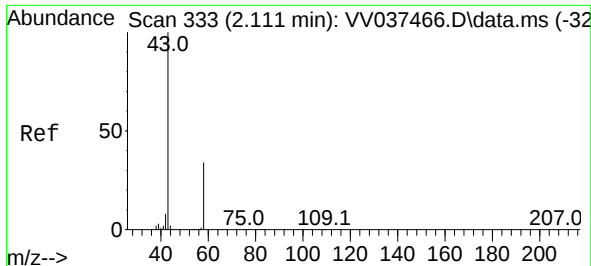
Ion Ratio Lower Upper

96 100

61 169.1 123.8 229.8

63 121.8 96.5 179.1





#13

Acetone

Concen: 111.274 ug/L

RT: 2.118 min Scan# 30

Delta R.T. 0.006 min

Lab File: VV037507.D

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MSVOA_V

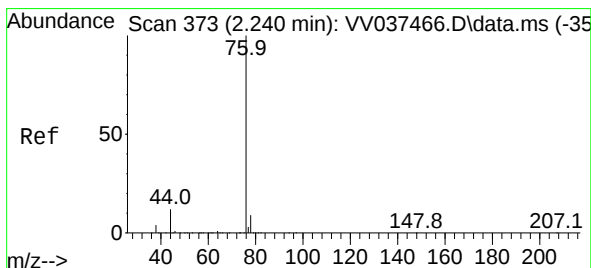
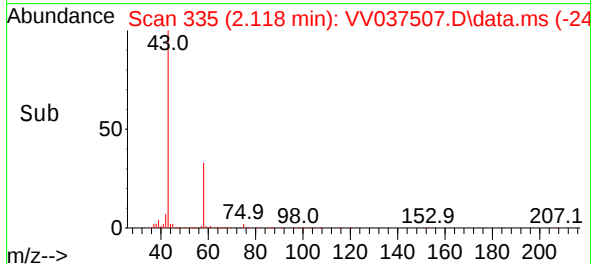
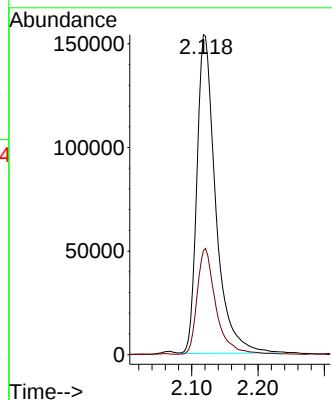
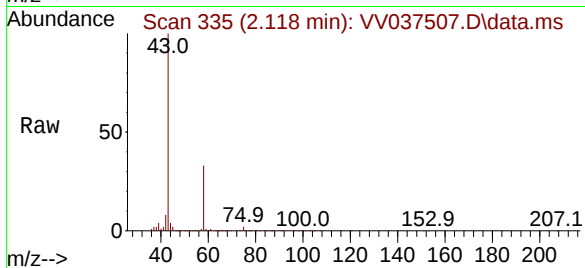
ClientSampleId :

Tgt Ion: 43 Resp: 302669

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.8



#14

Carbon disulfide

Concen: 42.760 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

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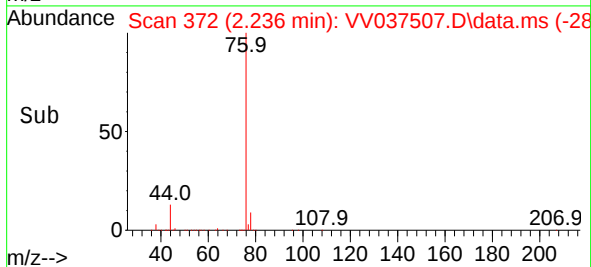
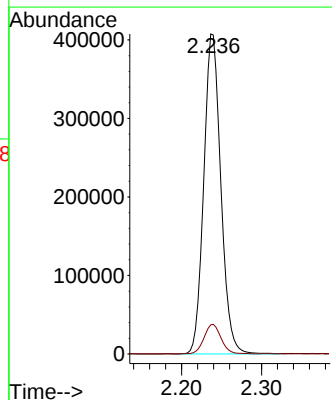
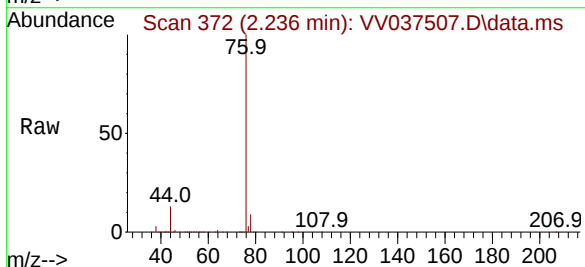
Acq: 25 Sep 2024 08:22

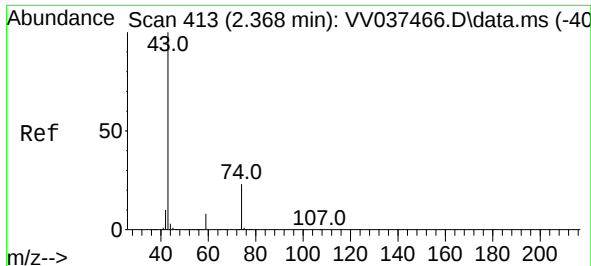
Tgt Ion: 76 Resp: 606338

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 55.365 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

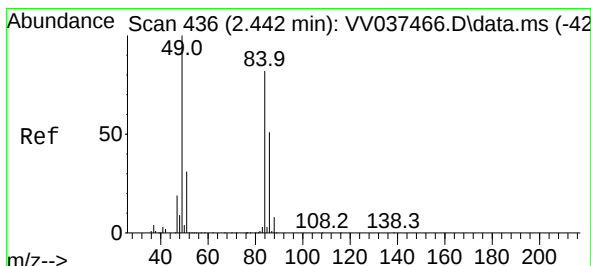
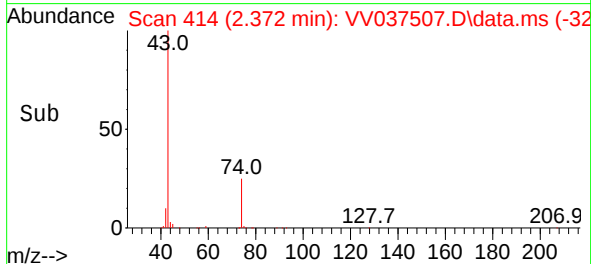
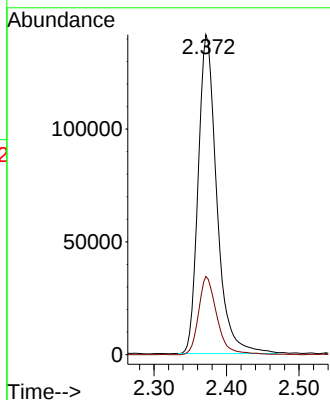
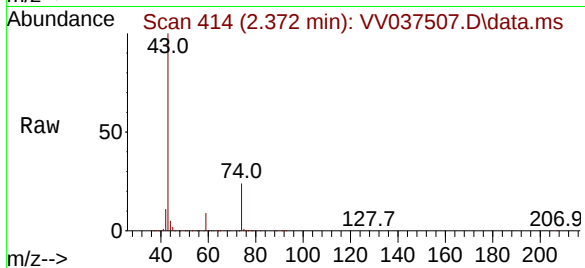
ClientSampleId :

Tgt Ion: 43 Resp: 252473

Ion Ratio Lower Upper

43 100

74 23.9 18.4 27.6



#16

Methylene chloride

Concen: 46.975 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

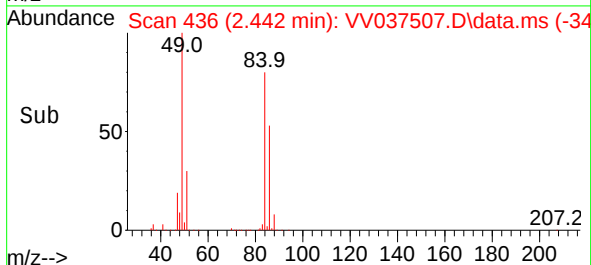
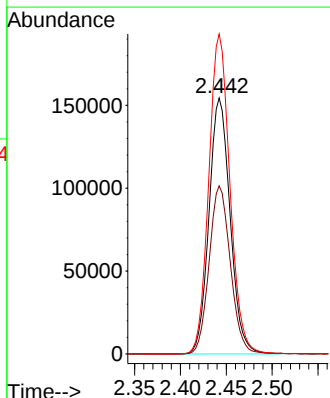
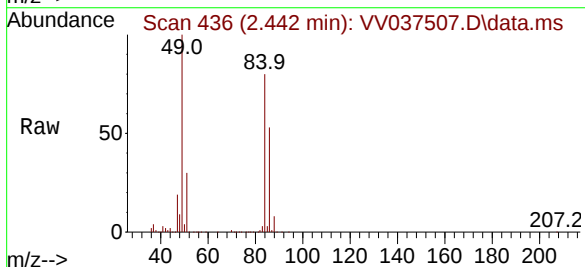
Tgt Ion: 84 Resp: 247560

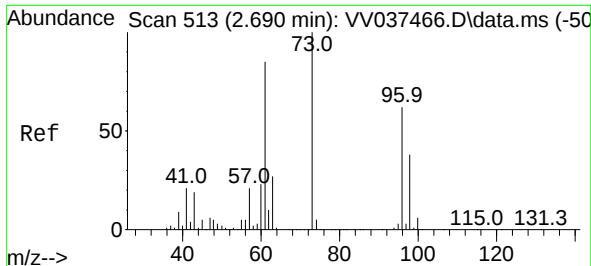
Ion Ratio Lower Upper

84 100

86 65.7 44.7 82.9

49 125.0 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 48.164 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

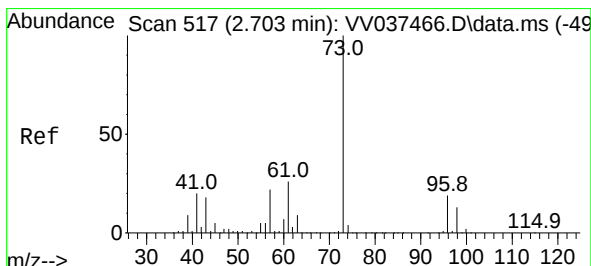
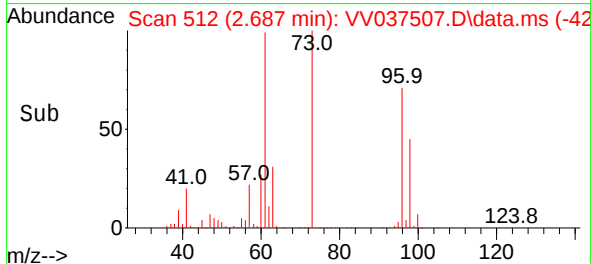
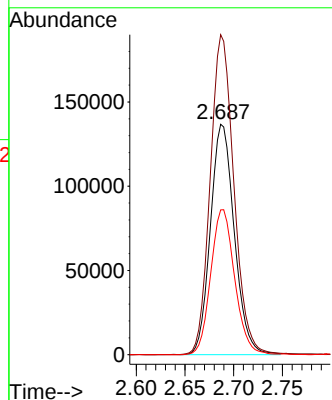
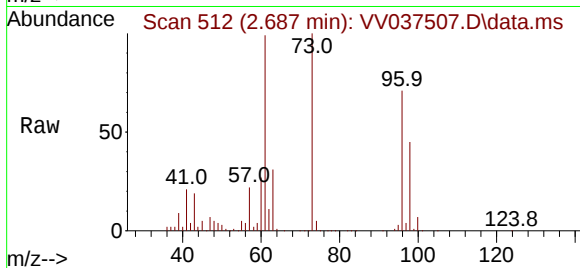
Tgt Ion: 96 Resp: 233547

Ion Ratio Lower Upper

96 100

61 138.9 102.3 189.9

98 62.8 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.760 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

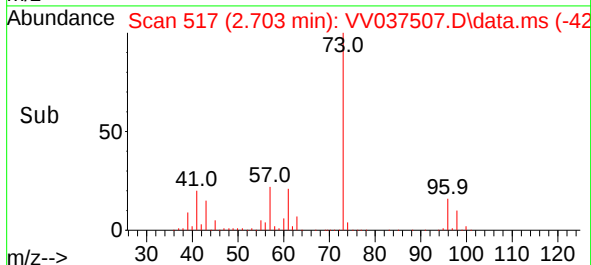
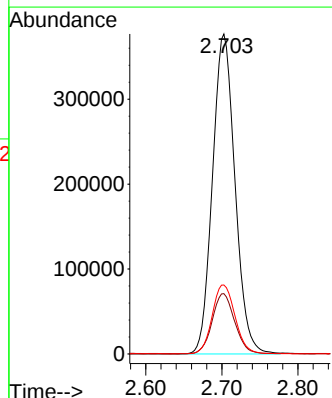
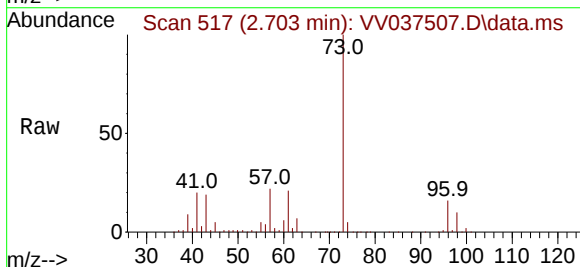
Tgt Ion: 73 Resp: 774272

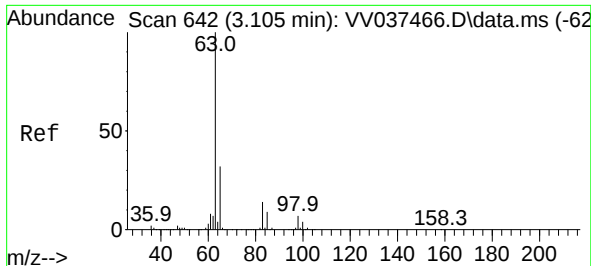
Ion Ratio Lower Upper

73 100

43 18.8 15.8 23.6

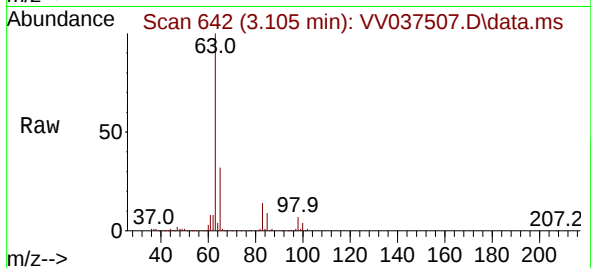
57 21.9 18.1 27.1



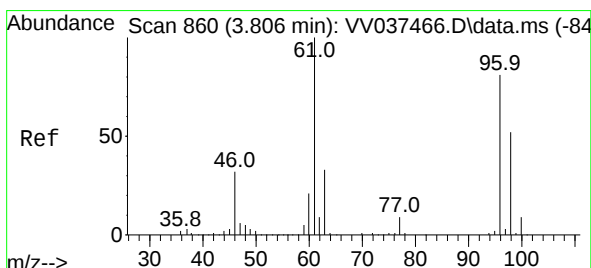
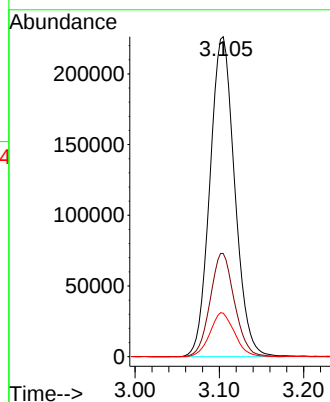
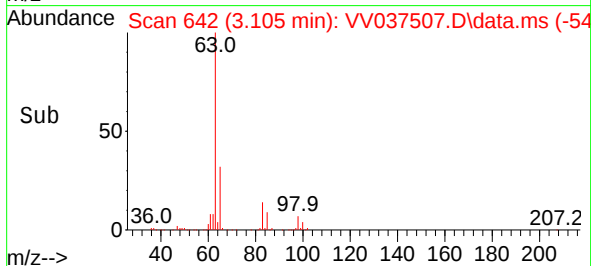


#19
1,1-Dichloroethane
Concen: 48.066 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Instrument :
MSVOA_V
ClientSampleId :

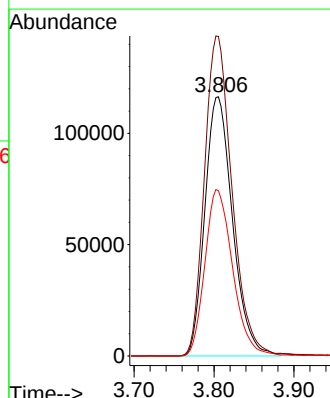
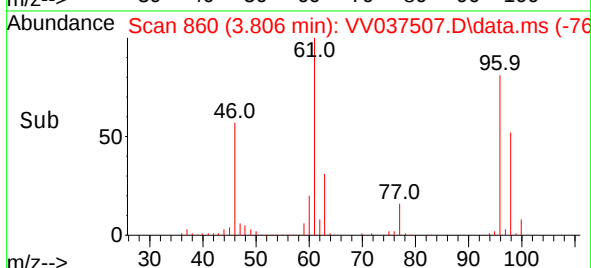
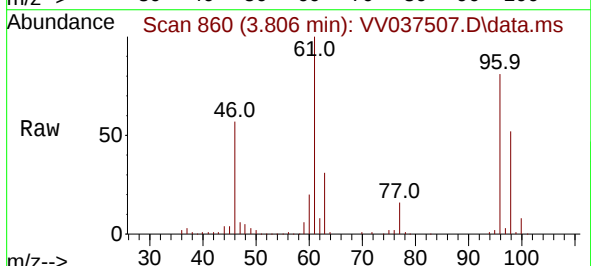


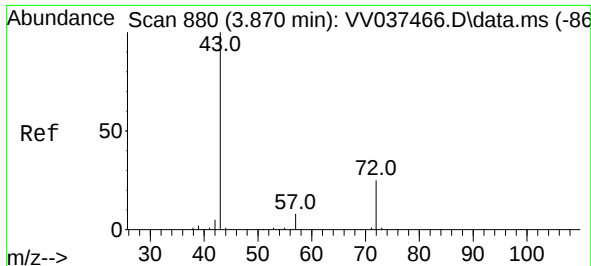
Tgt Ion: 63 Resp: 462869
Ion Ratio Lower Upper
63 100
65 32.3 22.0 41.0
83 13.6 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 52.354 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Tgt Ion: 96 Resp: 280520
Ion Ratio Lower Upper
96 100
61 123.3 89.9 166.9
98 63.8 44.8 83.2

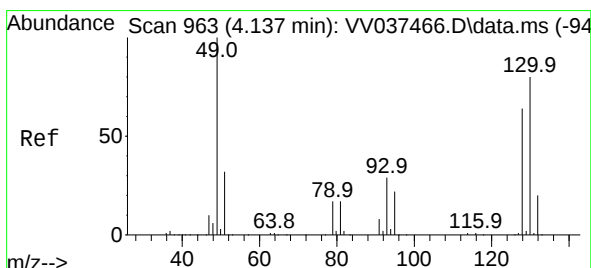
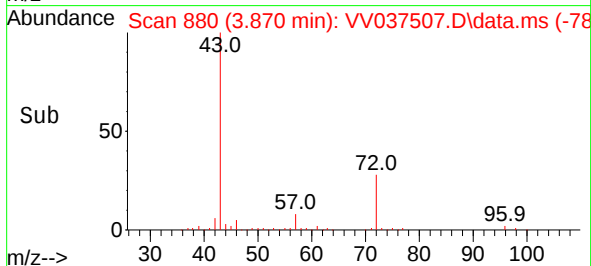
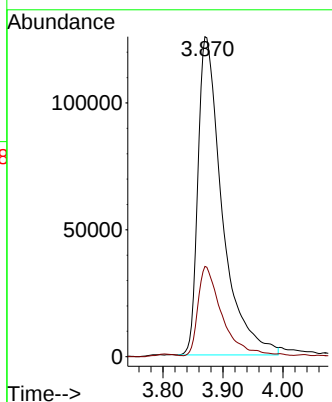
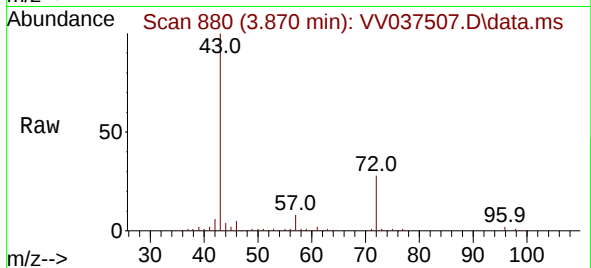




#22
2-Butanone
Concen: 117.757 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

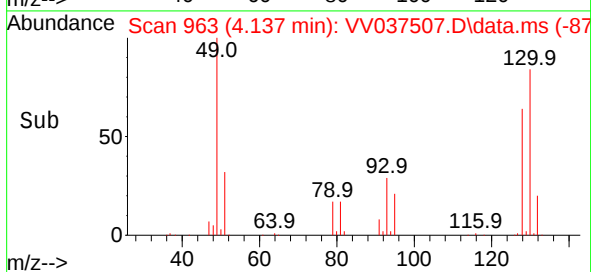
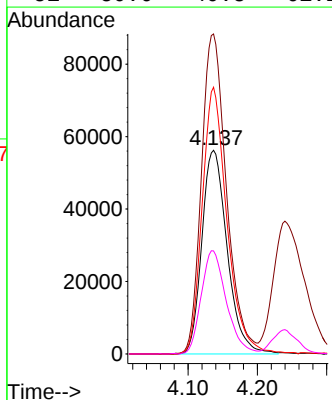
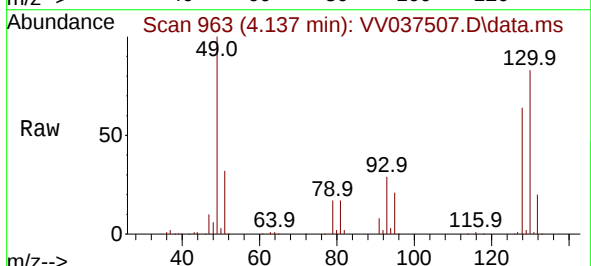
Instrument :
MSVOA_V
ClientSampleId :

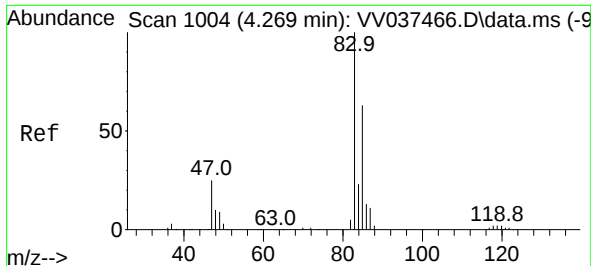
Tgt Ion: 43 Resp: 352656
Ion Ratio Lower Upper
43 100
72 27.5 12.7 38.0



#23
Bromochloromethane
Concen: 54.223 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Tgt Ion:128 Resp: 142620
Ion Ratio Lower Upper
128 100
49 157.1 117.2 217.6
130 130.9 87.6 162.8
51 50.6 40.8 61.2





#25

Chloroform

Concen: 49.638 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

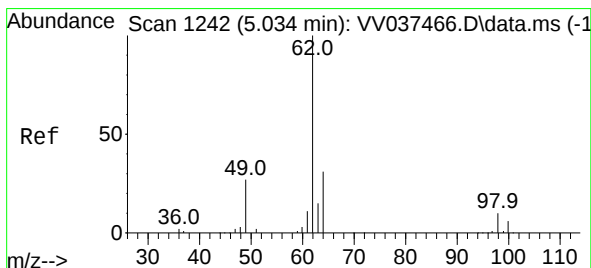
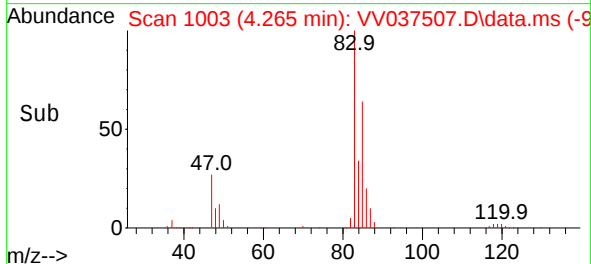
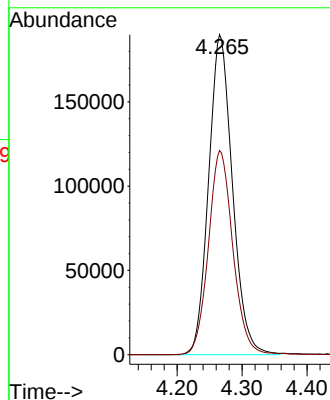
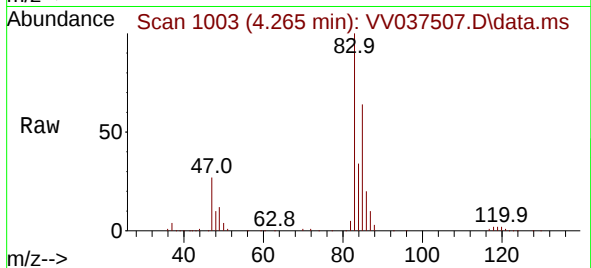
ClientSampleId :

Tgt Ion: 83 Resp: 484097

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 49.444 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VV037507.D

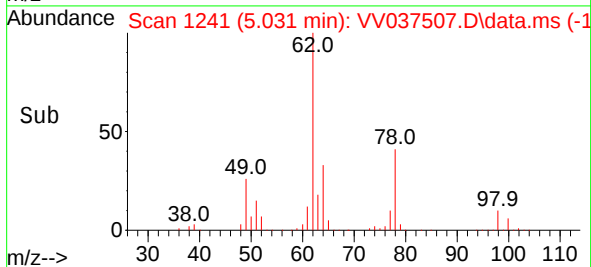
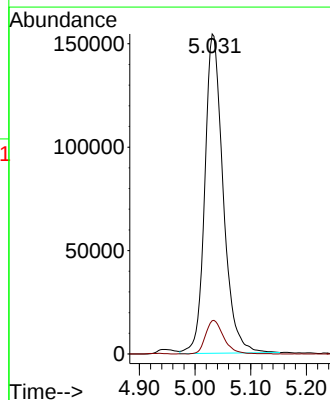
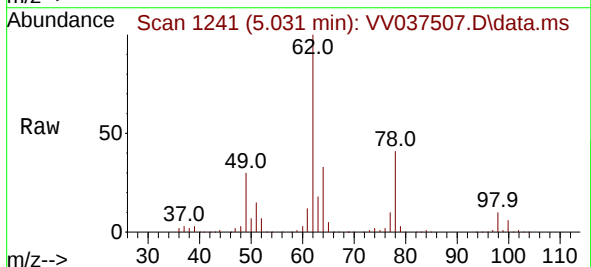
Acq: 25 Sep 2024 08:22

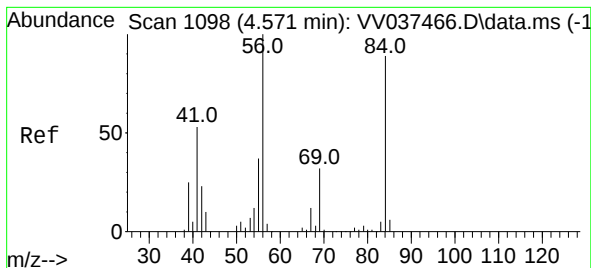
Tgt Ion: 62 Resp: 353720

Ion Ratio Lower Upper

62 100

98 10.4 8.0 12.0





#29

Cyclohexane

Concen: 47.416 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

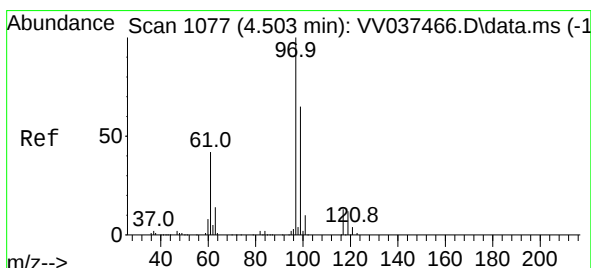
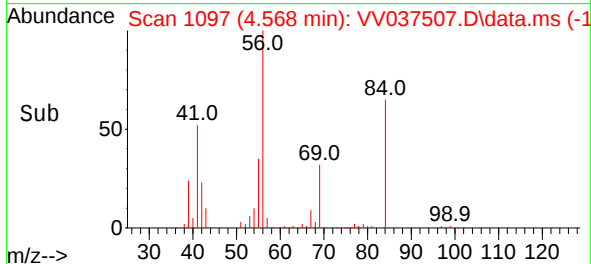
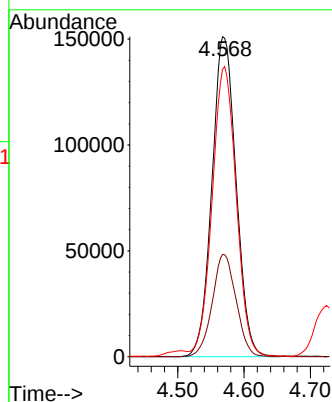
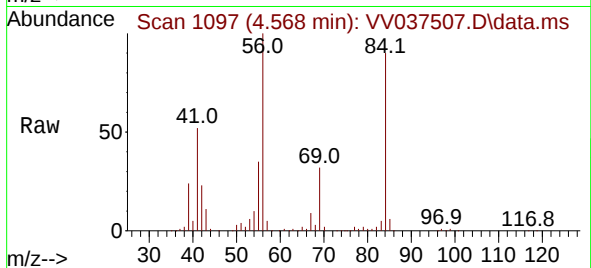
Tgt Ion: 56 Resp: 382361

Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.4

84 90.0 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.667 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

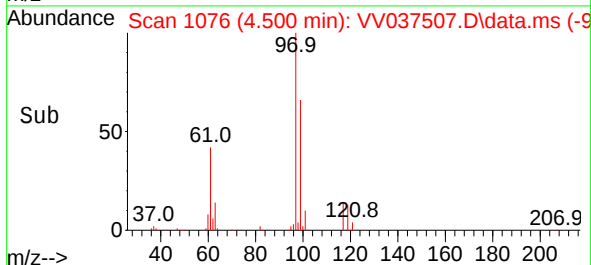
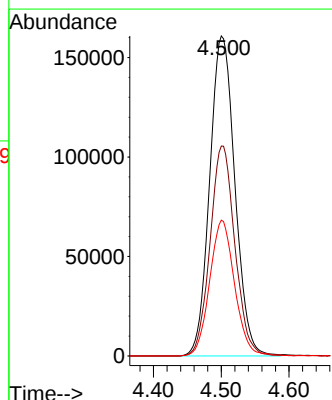
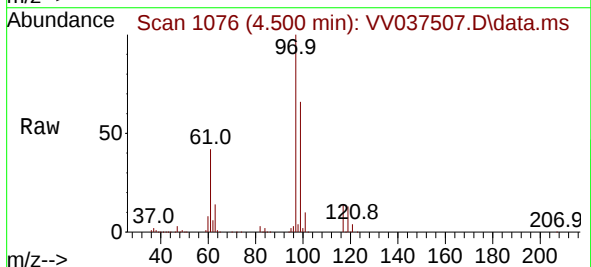
Tgt Ion: 97 Resp: 415617

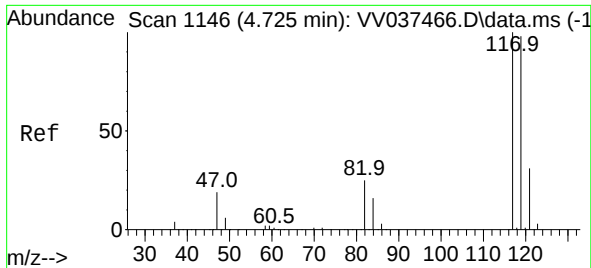
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 41.9 35.8 53.6

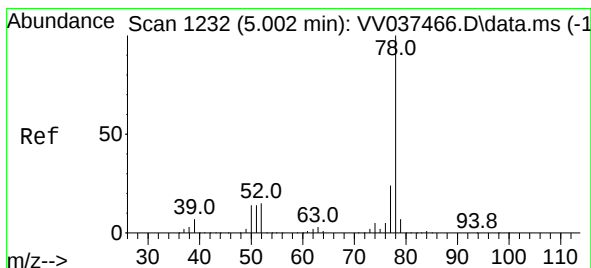
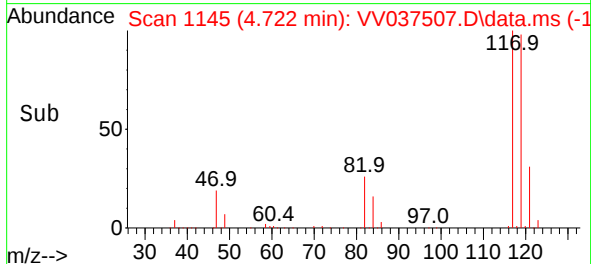
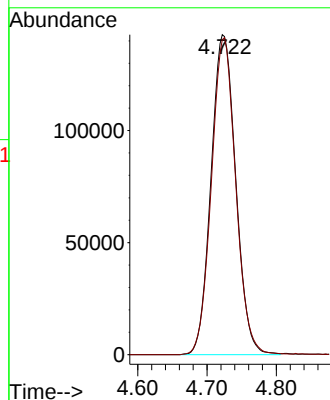
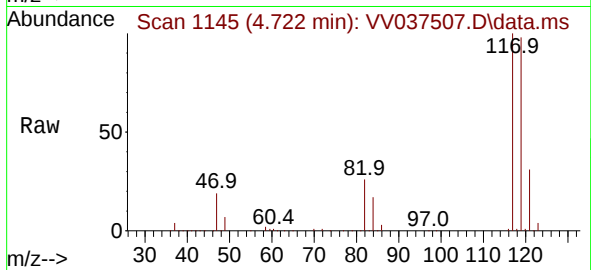




#31
Carbon tetrachloride
Concen: 53.133 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

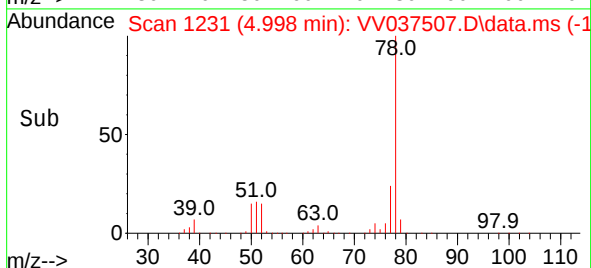
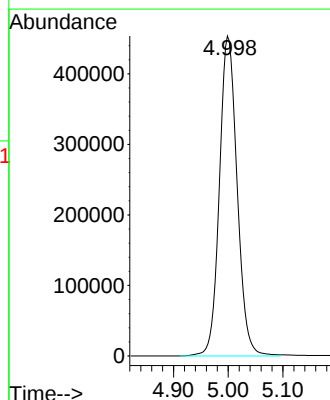
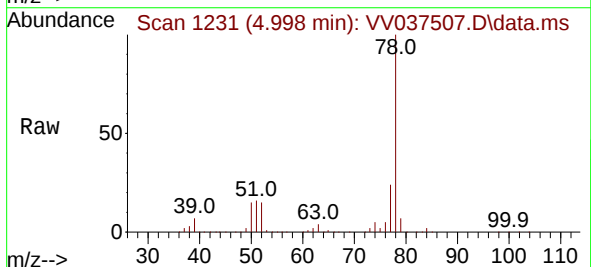
Instrument :
MSVOA_V
ClientSampleId :

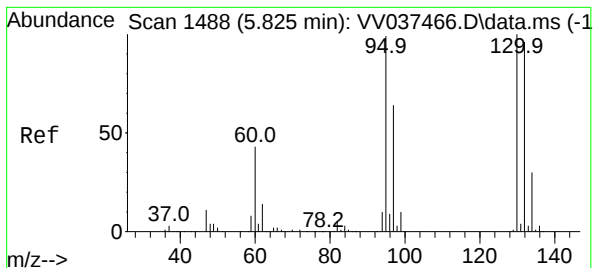
Tgt Ion:117 Resp: 353810
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6



#33
Benzene
Concen: 51.570 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Tgt Ion: 78 Resp: 1020714





#34

Trichloroethene

Concen: 52.118 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 272273

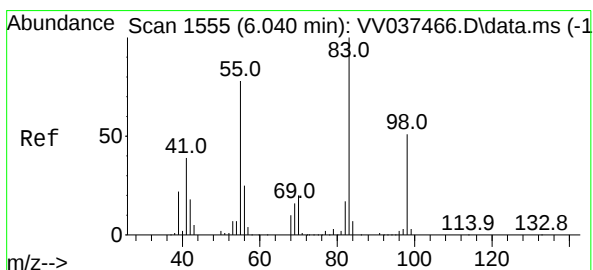
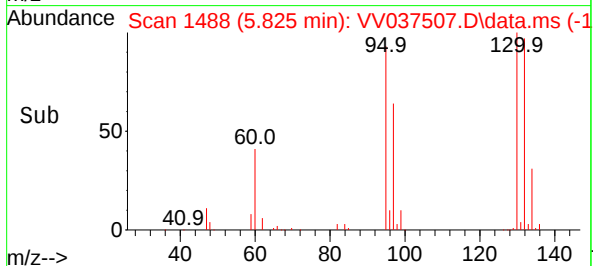
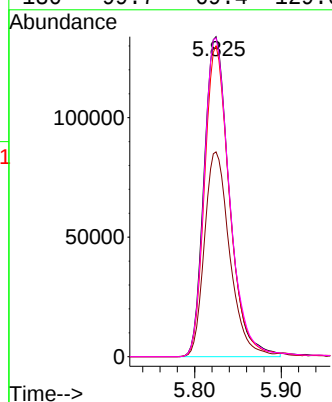
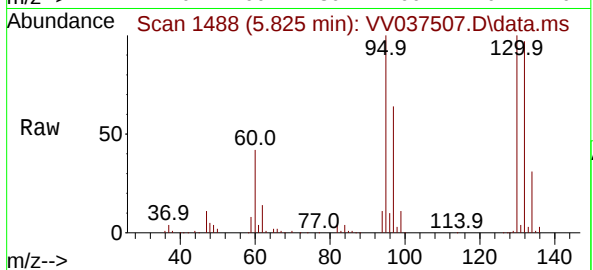
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.5

132 97.1 64.9 120.5

130 99.7 69.4 129.0



#35

Methylcyclohexane

Concen: 49.417 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

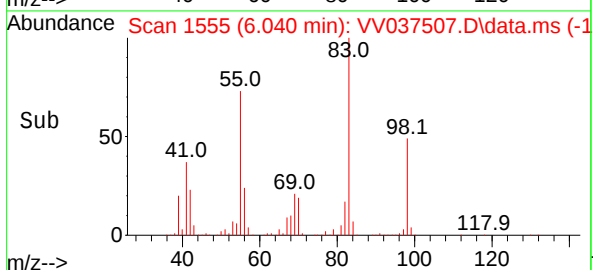
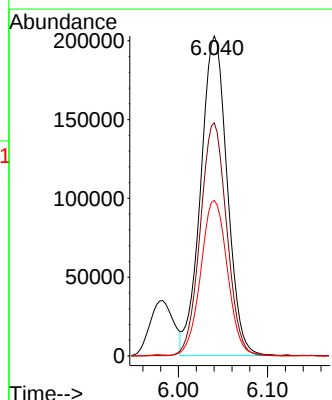
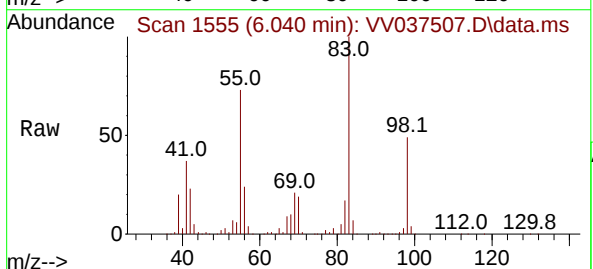
Tgt Ion: 83 Resp: 419443

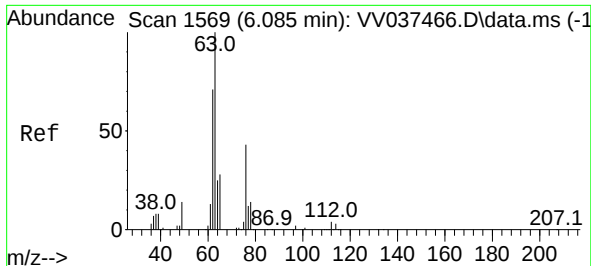
Ion Ratio Lower Upper

83 100

55 72.7 61.2 91.8

98 49.3 39.3 58.9

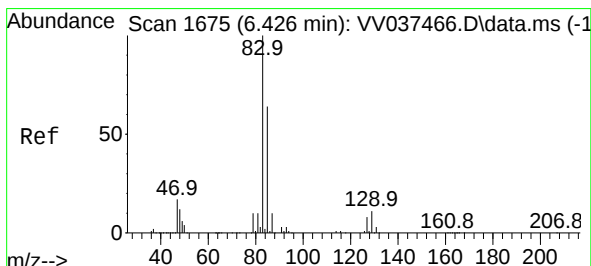
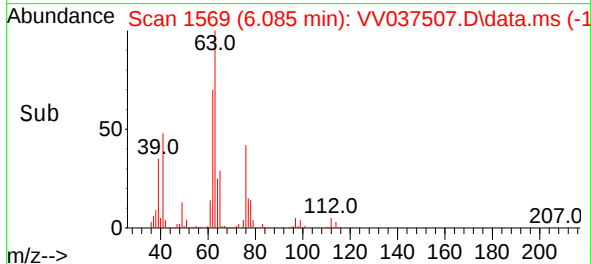
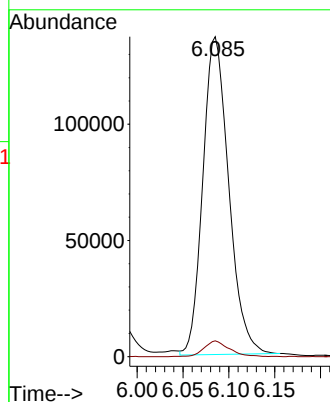
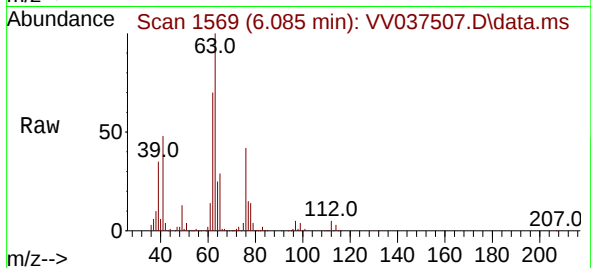




#37
1,2-Dichloropropane
Concen: 50.616 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

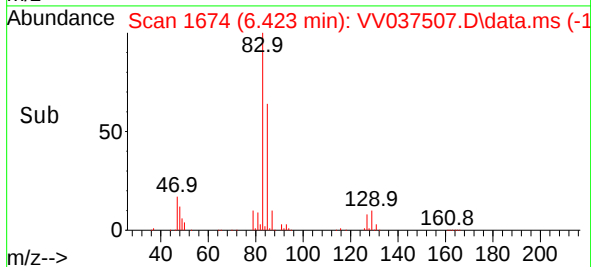
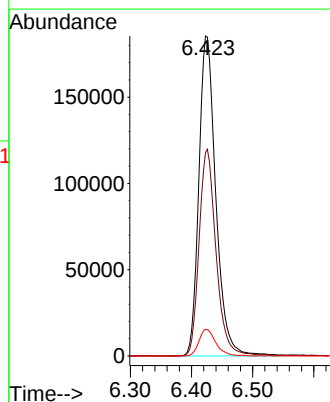
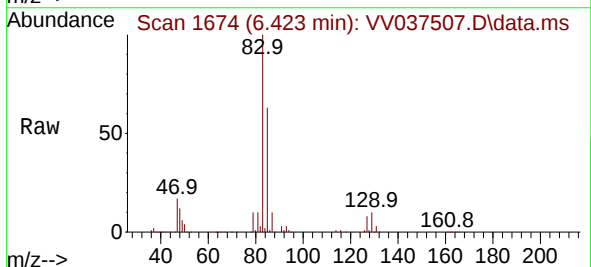
Instrument :
MSVOA_V
ClientSampleId :

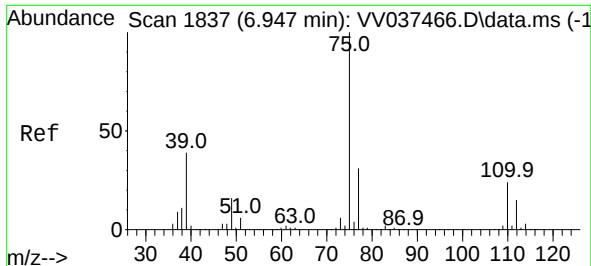
Tgt Ion: 63 Resp: 268581
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 52.714 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Tgt Ion: 83 Resp: 358507
Ion Ratio Lower Upper
83 100
85 63.5 44.5 82.7
127 8.3 6.1 9.1

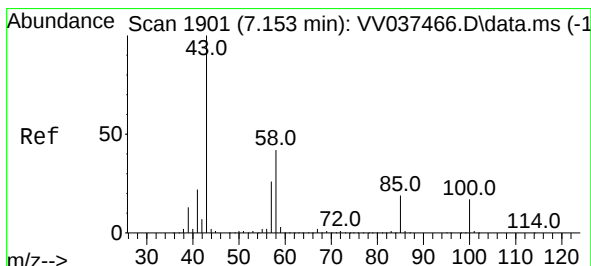
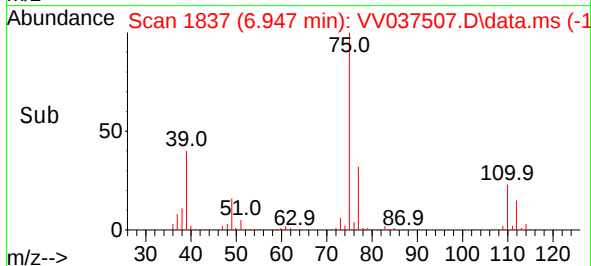
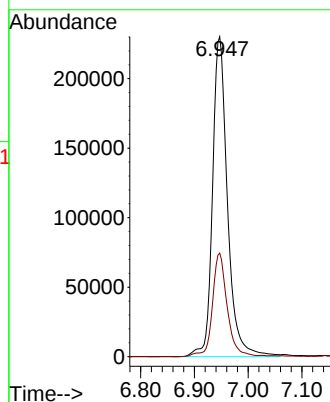
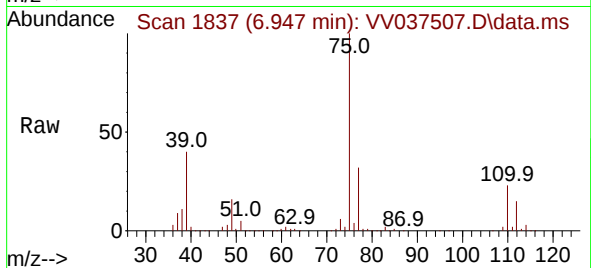




#39
 cis-1,3-Dichloropropene
 Concen: 53.269 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037507.D
 Acq: 25 Sep 2024 08:22

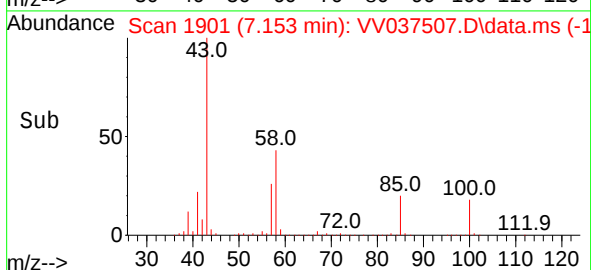
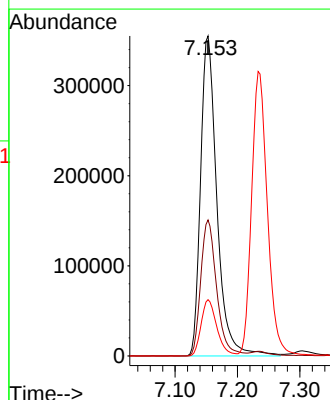
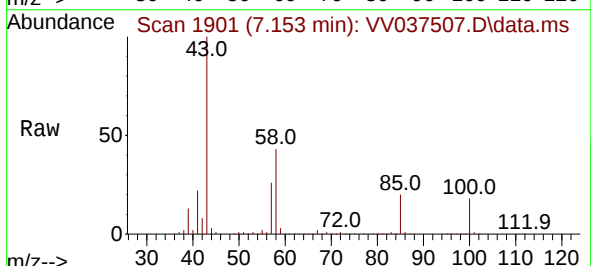
Instrument :
 MSVOA_V
 ClientSampleId :

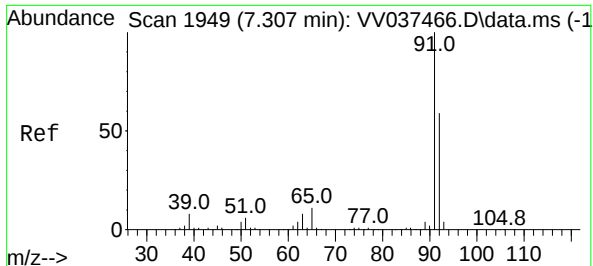
Tgt Ion: 75 Resp: 446057
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 119.808 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV037507.D
 Acq: 25 Sep 2024 08:22

Tgt Ion: 43 Resp: 646311
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.0 48.0
 100 16.9 12.4 18.6





#42

Toluene

Concen: 52.621 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

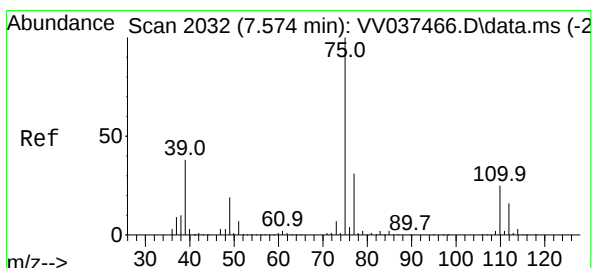
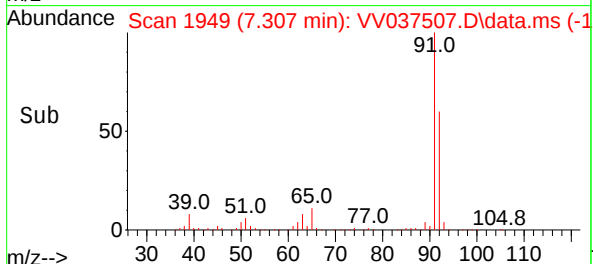
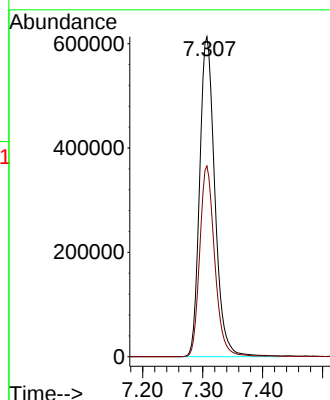
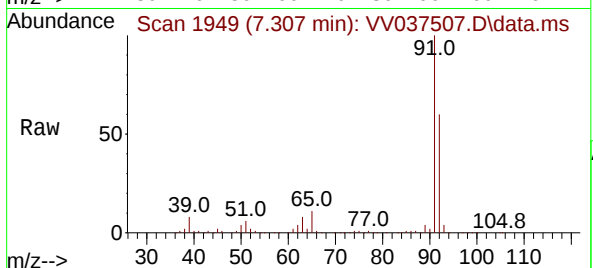
ClientSampleId :

Tgt Ion: 91 Resp: 1084410

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 53.399 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037507.D

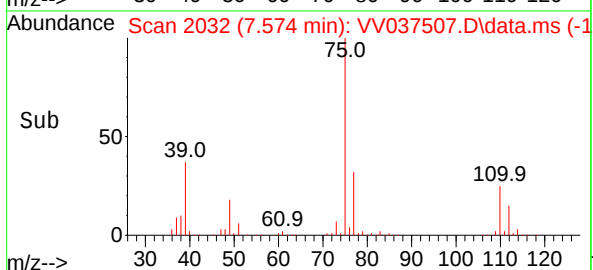
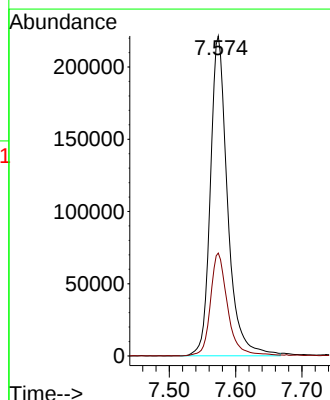
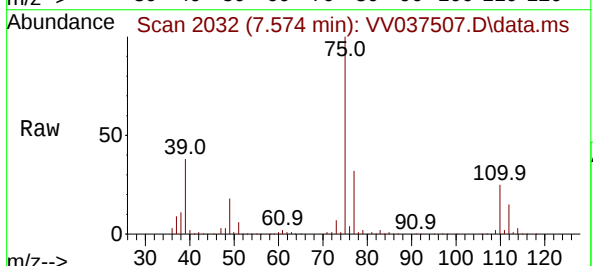
Acq: 25 Sep 2024 08:22

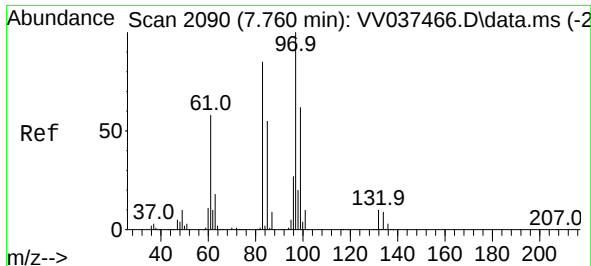
Tgt Ion: 75 Resp: 399674

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 55.030 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 271823

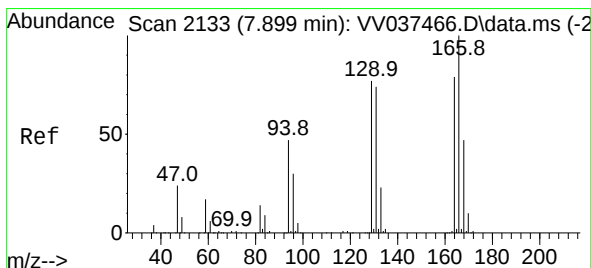
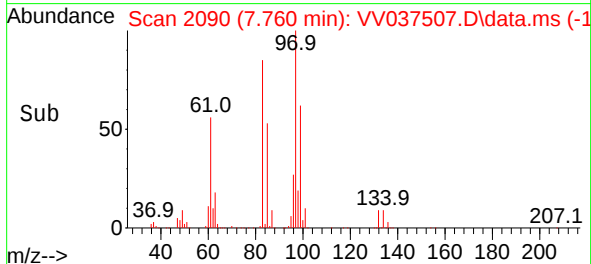
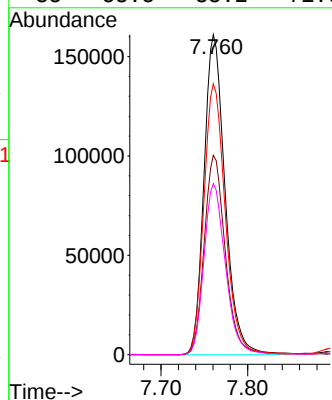
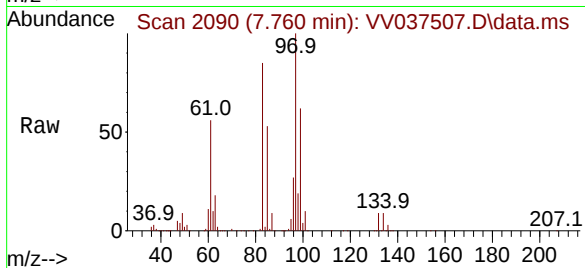
Ion Ratio Lower Upper

97 100

99 62.3 42.6 79.0

83 84.7 60.5 112.3

85 53.5 38.2 71.0



#46

Tetrachloroethene

Concen: 54.438 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Tgt Ion:164 Resp: 204051

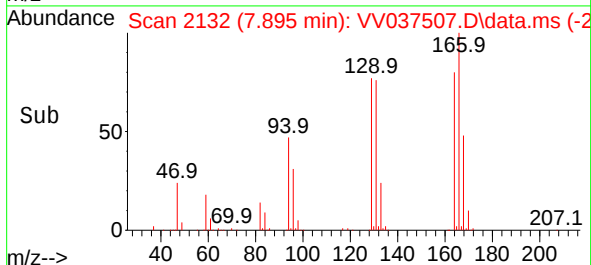
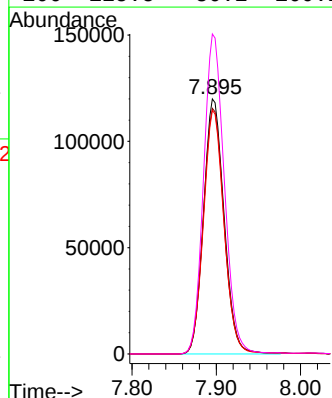
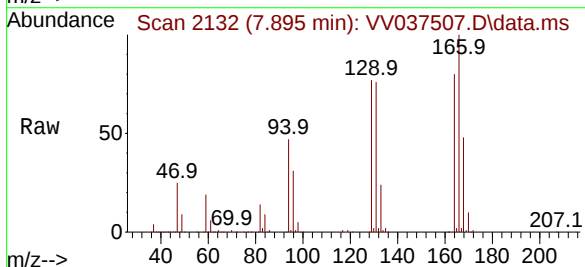
Ion Ratio Lower Upper

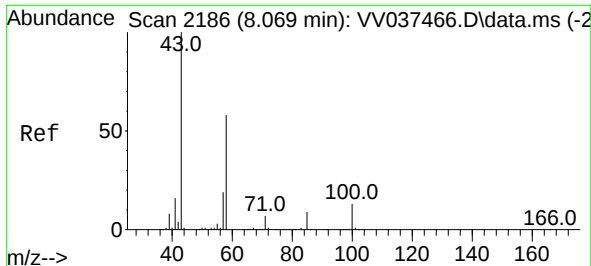
164 100

129 96.3 67.1 124.7

131 95.6 67.0 124.4

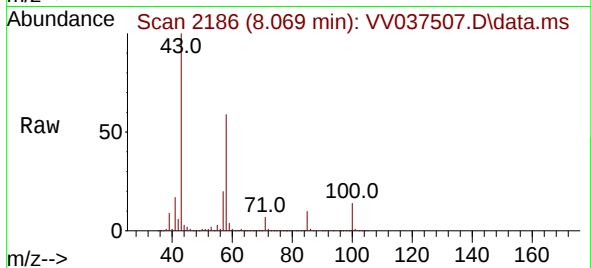
166 125.5 86.2 160.2



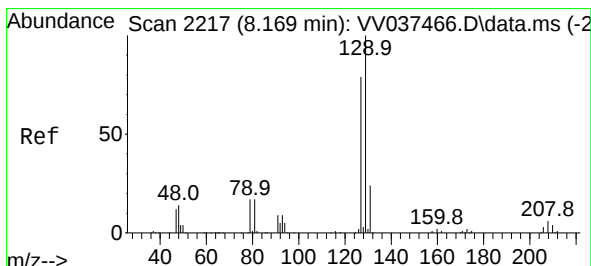
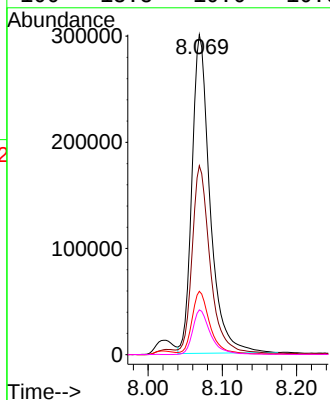
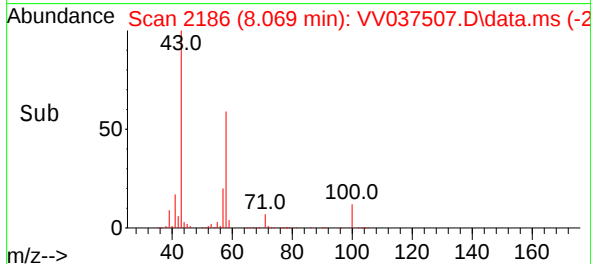


#48
2-Hexanone
Concen: 121.917 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Instrument :
MSVOA_V
ClientSampleId :

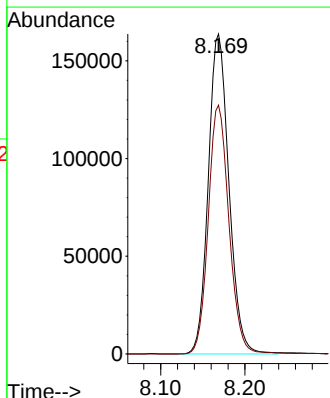
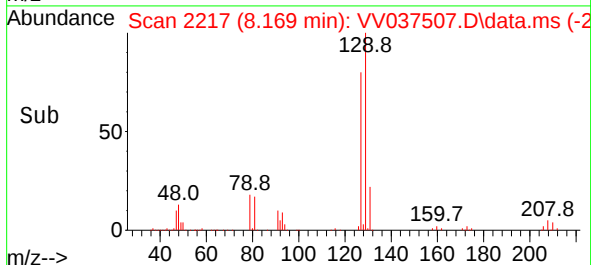
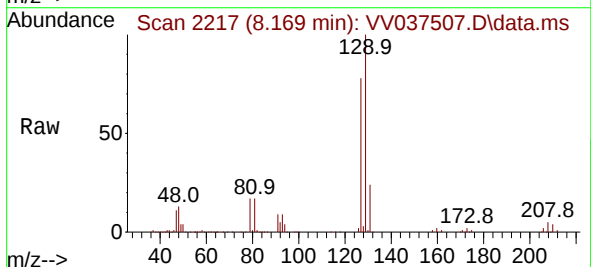


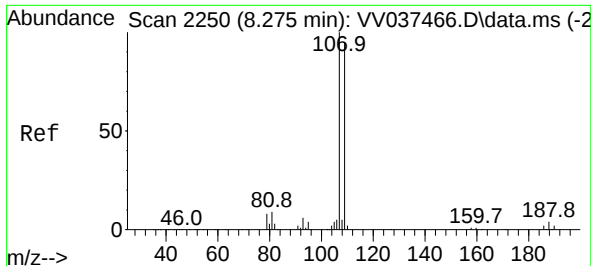
Tgt Ion: 43 Resp: 508646
Ion Ratio Lower Upper
43 100
58 59.2 46.0 69.0
57 19.3 15.6 23.4
100 13.8 10.6 16.0



#49
Dibromochloromethane
Concen: 56.398 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

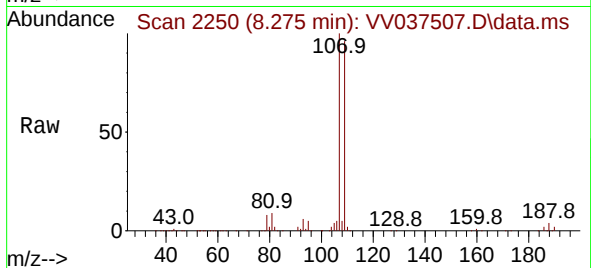
Tgt Ion:129 Resp: 278946
Ion Ratio Lower Upper
129 100
127 77.8 54.7 101.7



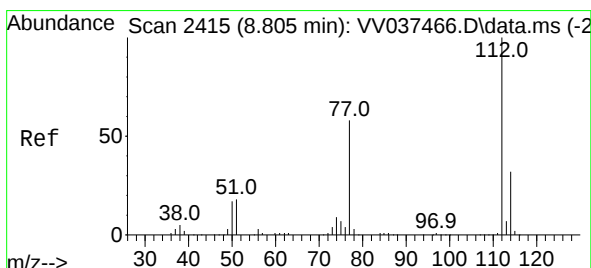
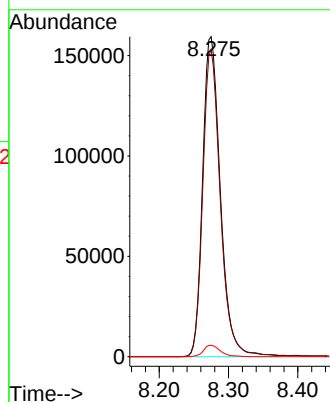
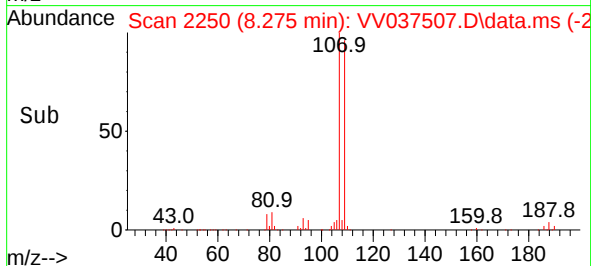


#50
1,2-Dibromoethane
Concen: 56.820 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

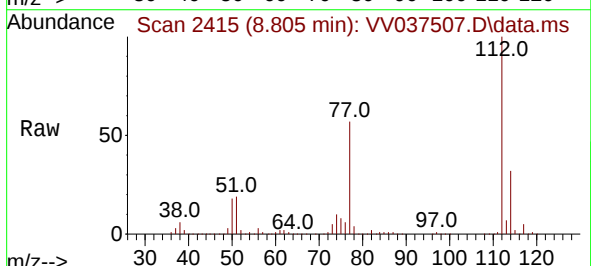
Instrument :
MSVOA_V
ClientSampleId :



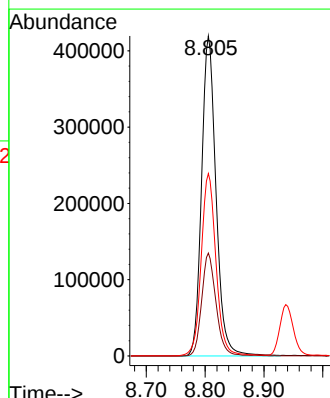
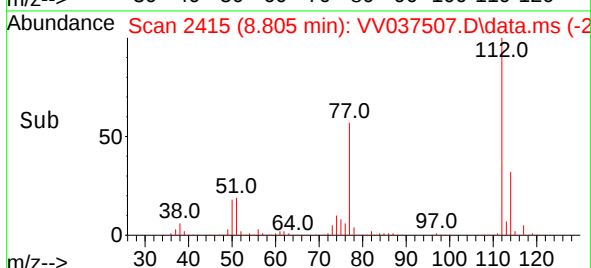
Tgt Ion:107 Resp: 284010
Ion Ratio Lower Upper
107 100
109 96.0 66.6 123.6
188 3.5 2.6 3.8

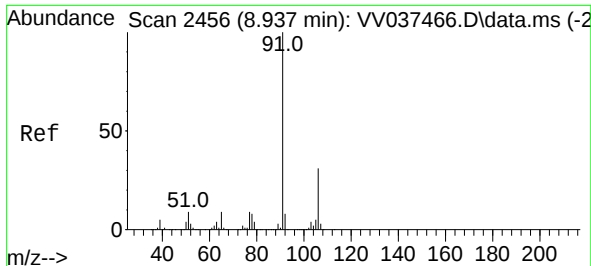


#51
Chlorobenzene
Concen: 52.326 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22



Tgt Ion:112 Resp: 713889
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 57.0 47.8 71.8





#52

Ethylbenzene

Concen: 52.061 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

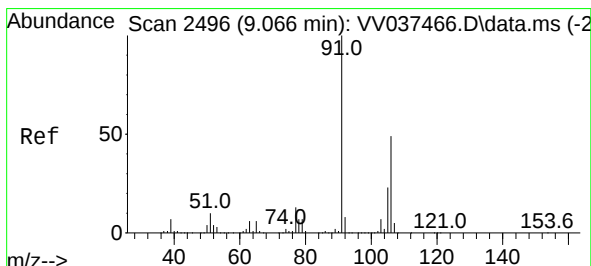
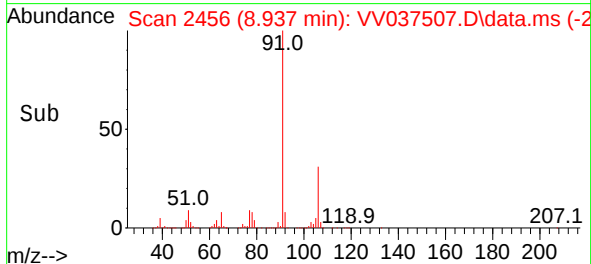
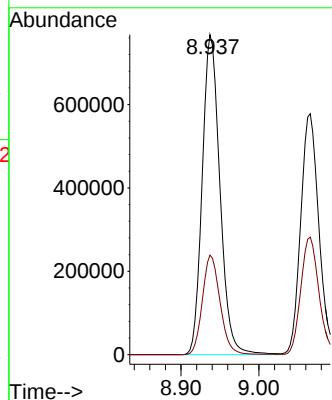
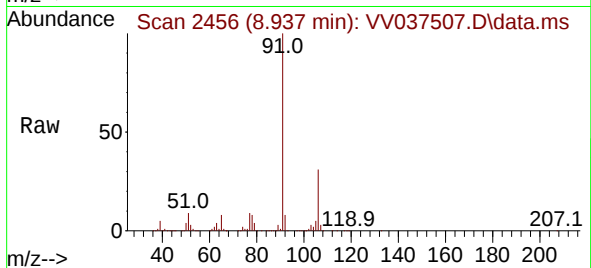
ClientSampleId :

Tgt Ion: 91 Resp: 1211859

Ion Ratio Lower Upper

91 100

106 31.1 21.4 39.8



#53

m,p-Xylene

Concen: 53.037 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037507.D

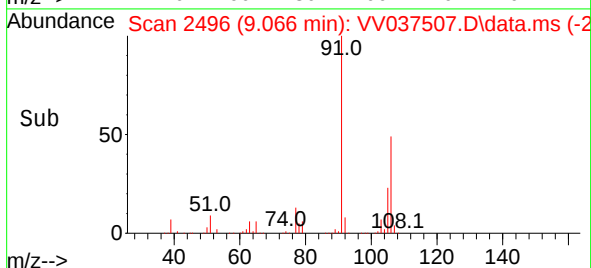
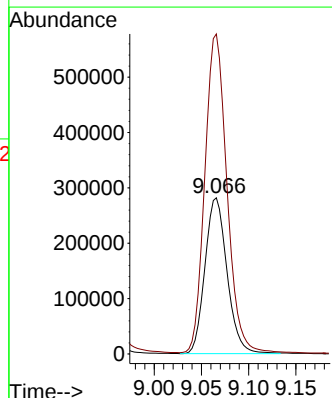
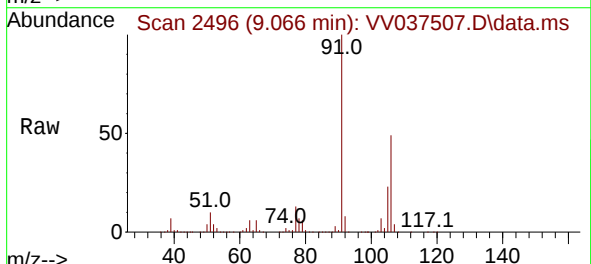
Acq: 25 Sep 2024 08:22

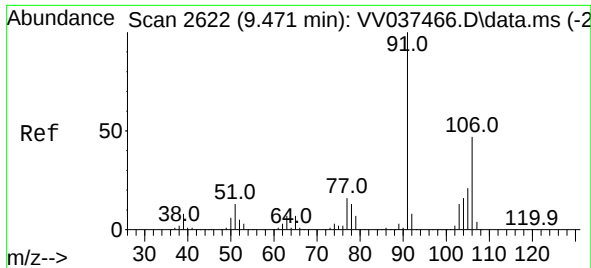
Tgt Ion:106 Resp: 457414

Ion Ratio Lower Upper

106 100

91 204.9 143.0 265.6

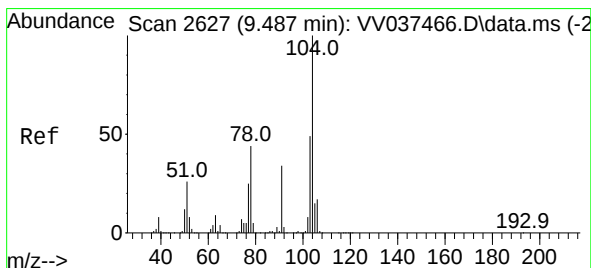
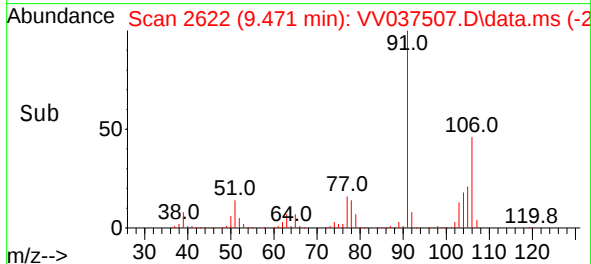
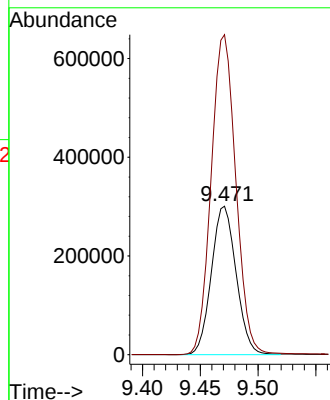
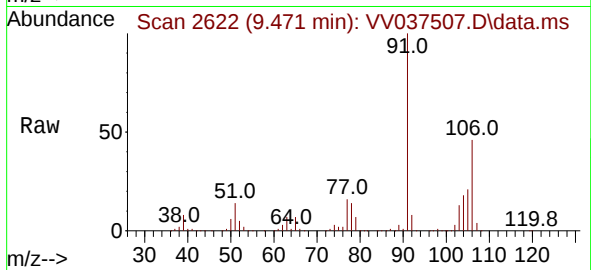




#54
o-Xylene
Concen: 53.090 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

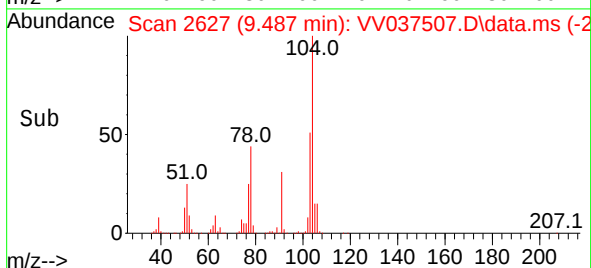
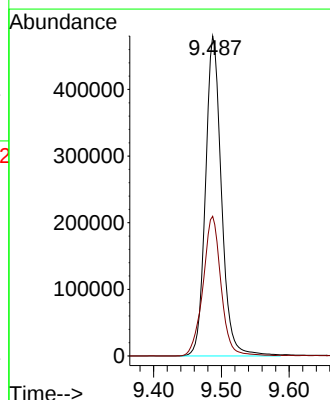
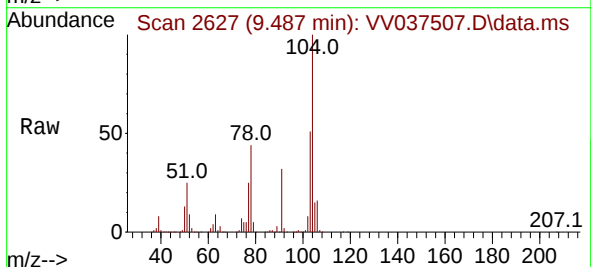
Instrument :
MSVOA_V
ClientSampleId :

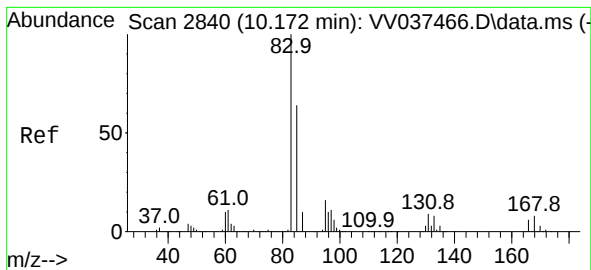
Tgt Ion:106 Resp: 448313
Ion Ratio Lower Upper
106 100
91 215.5 153.2 284.6



#55
Styrene
Concen: 53.760 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Tgt Ion:104 Resp: 787720
Ion Ratio Lower Upper
104 100
78 43.7 30.9 57.5

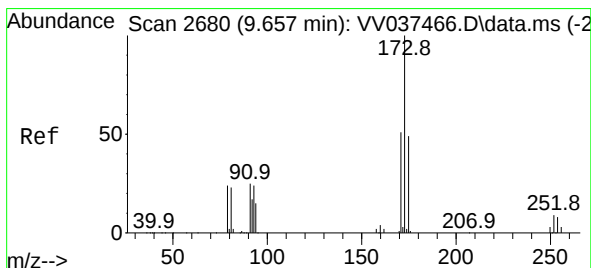
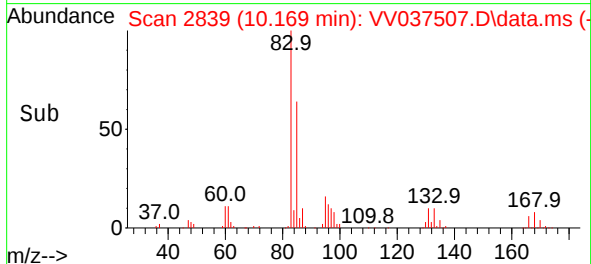
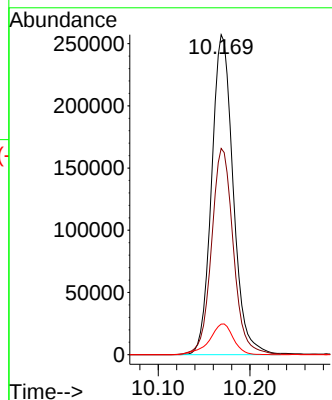
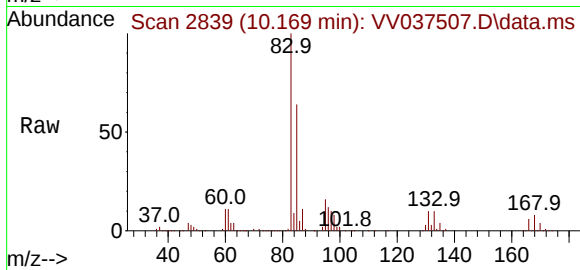




#57
1,1,2,2-Tetrachloroethane
Concen: 57.476 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

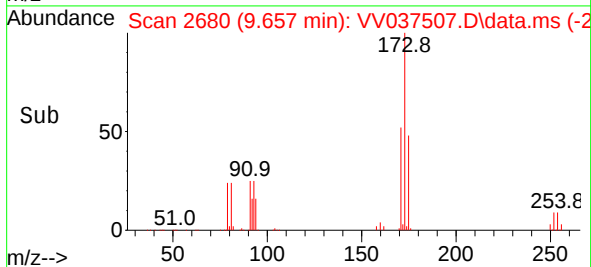
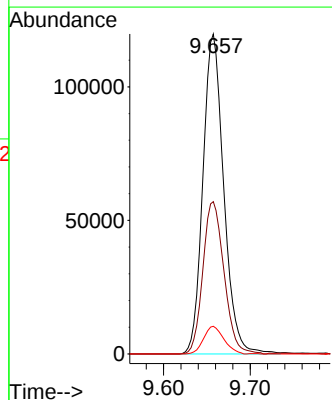
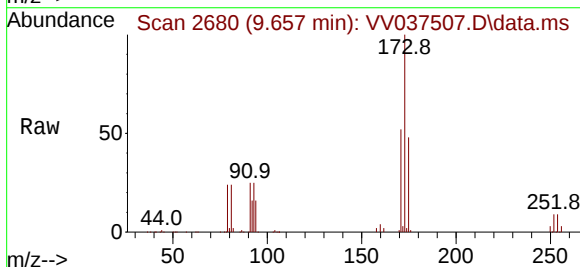
Instrument :
MSVOA_V
ClientSampleId :

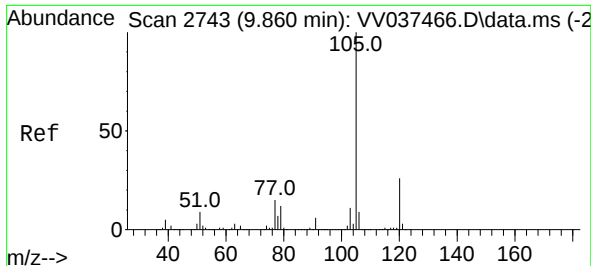
Tgt Ion: 83 Resp: 420472
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 9.6 7.4 11.0



#59
Bromoform
Concen: 59.122 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

Tgt Ion: 173 Resp: 200201
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 8.4 6.8 10.2





#60

Isopropylbenzene

Concen: 51.575 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

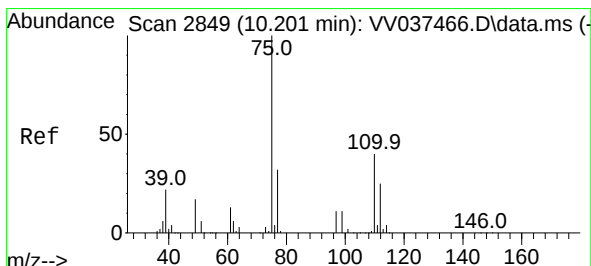
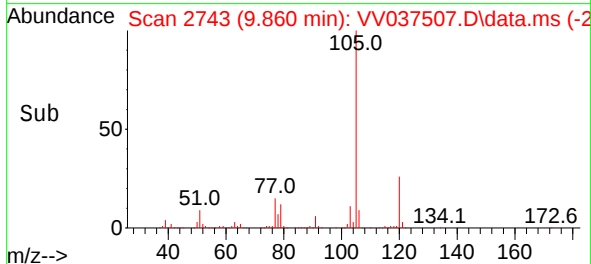
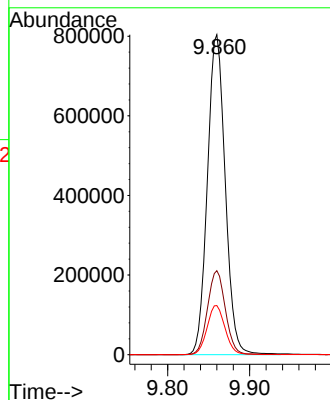
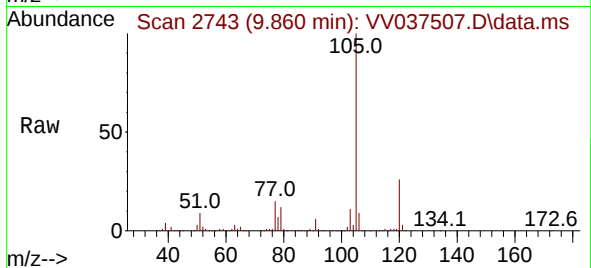
Tgt Ion:105 Resp: 1215897

Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 56.401 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

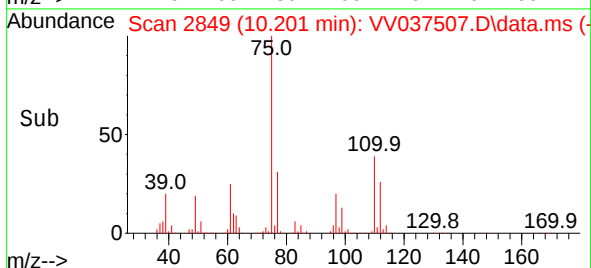
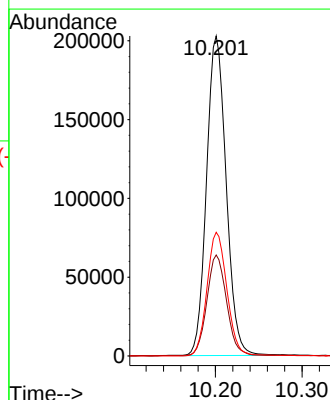
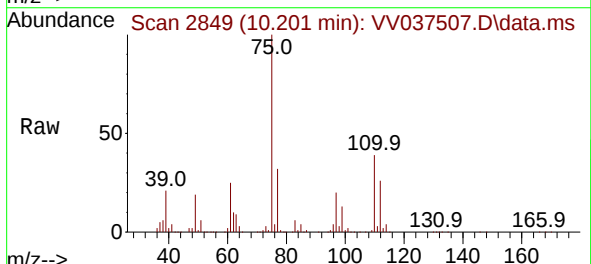
Tgt Ion: 75 Resp: 319058

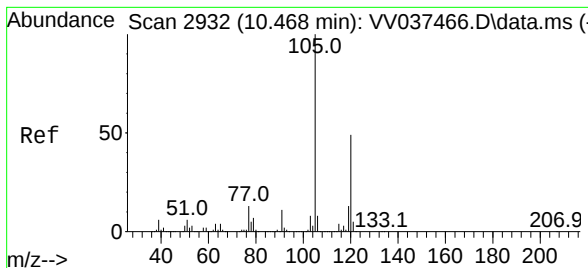
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

110 39.2 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 51.484 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

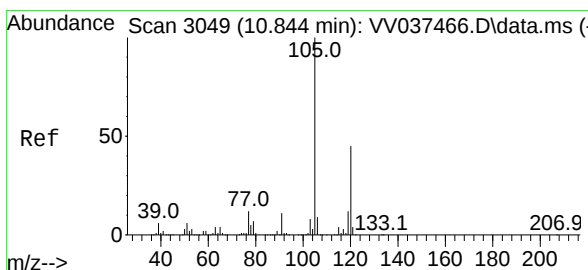
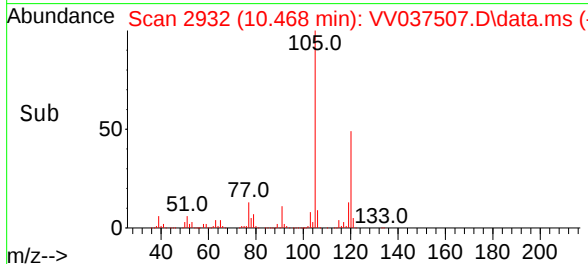
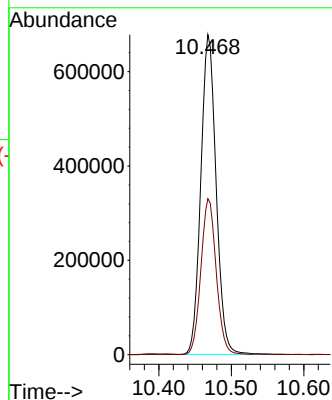
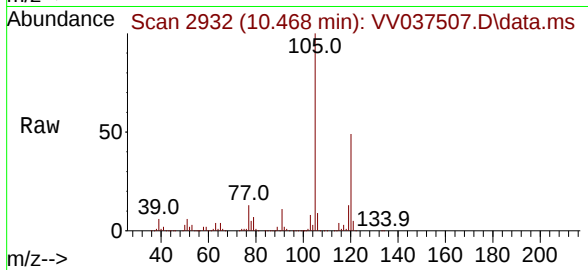
ClientSampleId :

Tgt Ion:105 Resp: 993029

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 51.894 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037507.D

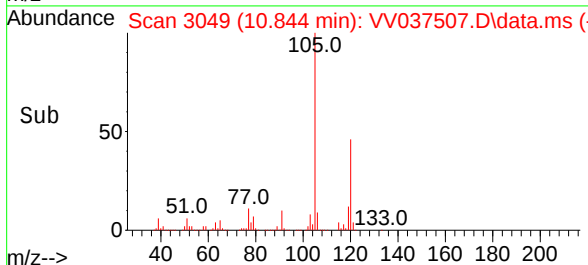
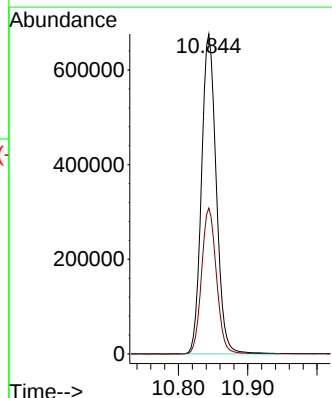
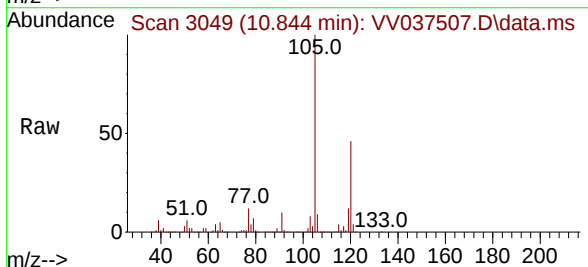
Acq: 25 Sep 2024 08:22

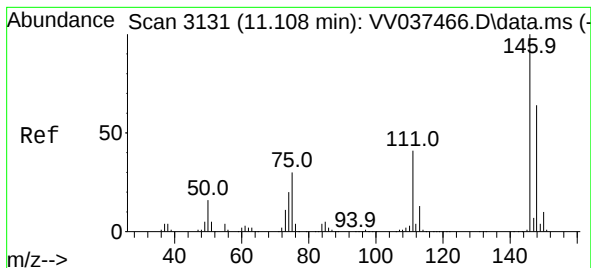
Tgt Ion:105 Resp: 998899

Ion Ratio Lower Upper

105 100

120 45.9 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 52.621 ug/L

RT: 11.107 min Scan# 3131

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

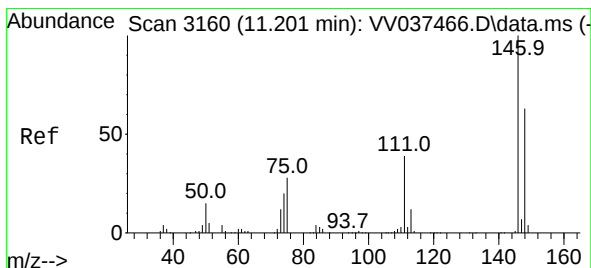
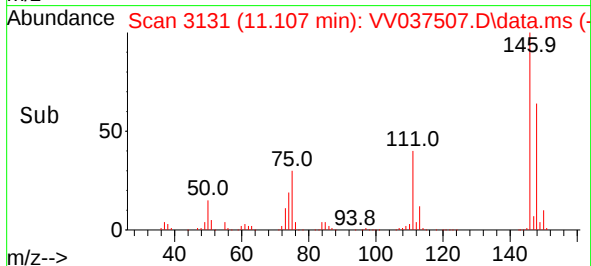
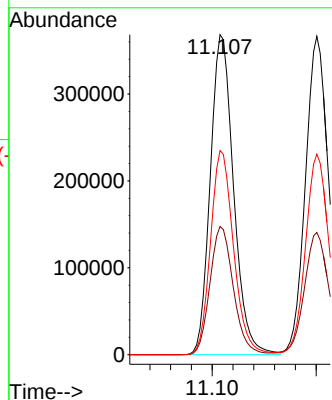
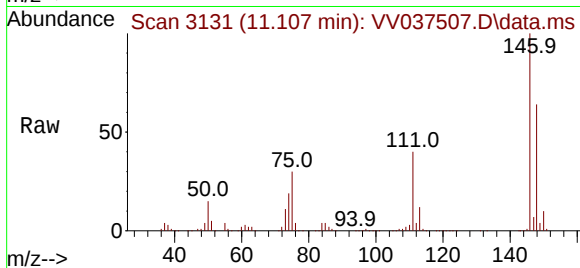
Tgt Ion:146 Resp: 572838

Ion Ratio Lower Upper

146 100

111 40.1 29.7 55.1

148 63.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.261 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

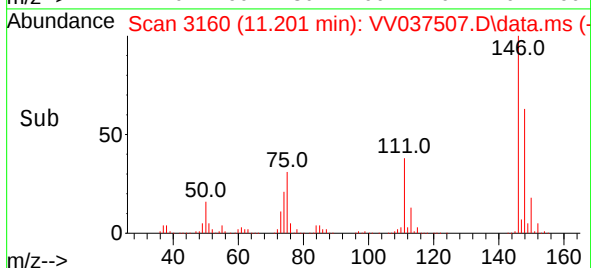
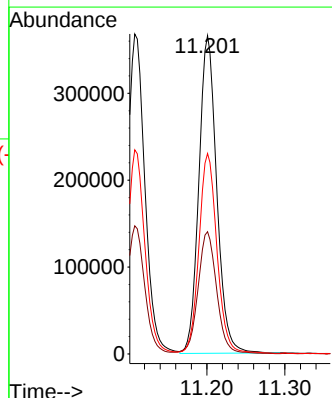
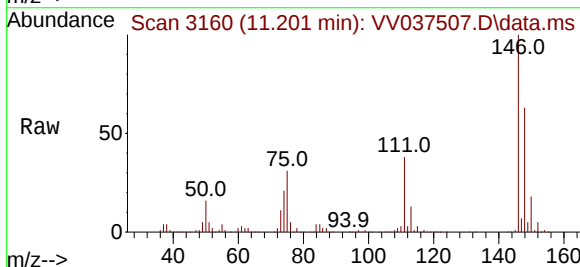
Tgt Ion:146 Resp: 582280

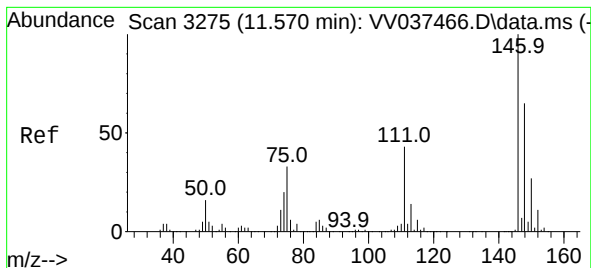
Ion Ratio Lower Upper

146 100

111 38.4 28.1 52.1

148 62.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.091 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

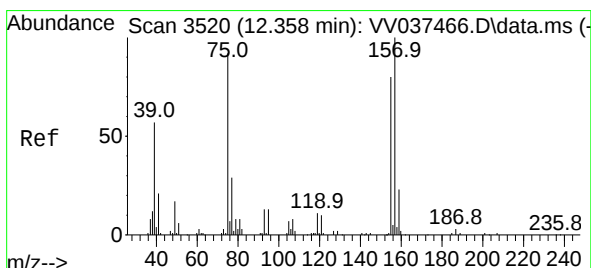
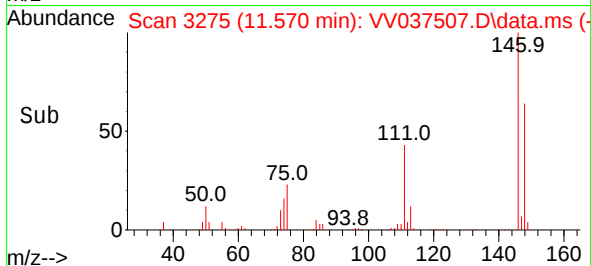
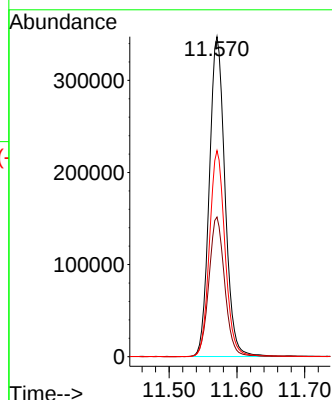
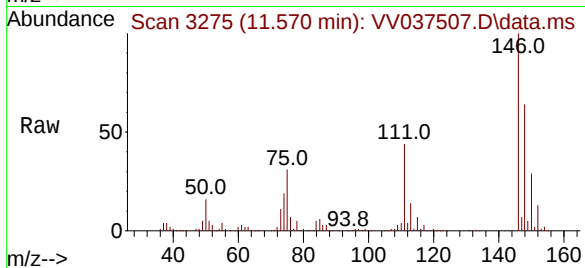
Tgt Ion:146 Resp: 557581

Ion Ratio Lower Upper

146 100

111 43.7 34.6 51.8

148 64.4 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 60.346 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

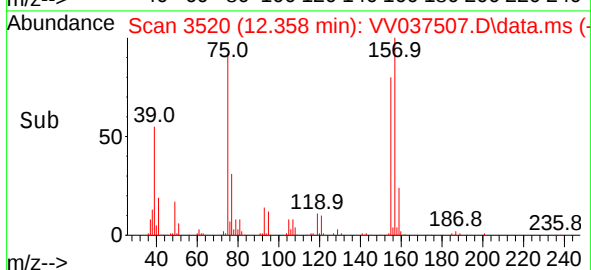
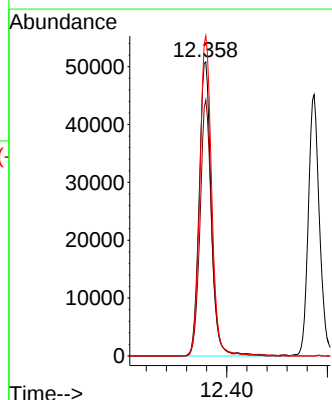
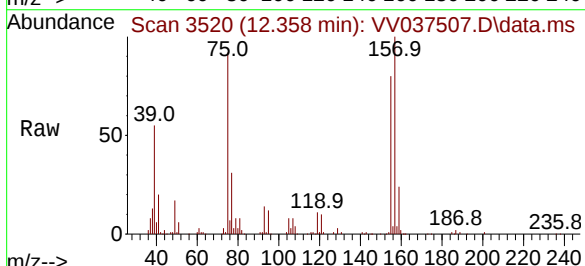
Tgt Ion: 75 Resp: 85135

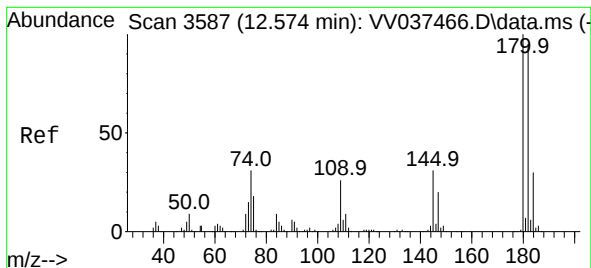
Ion Ratio Lower Upper

75 100

155 87.1 61.8 92.6

157 108.8 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.107 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 394694

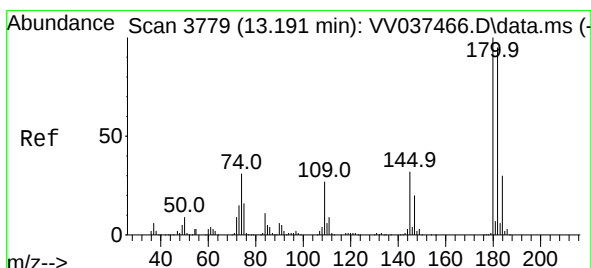
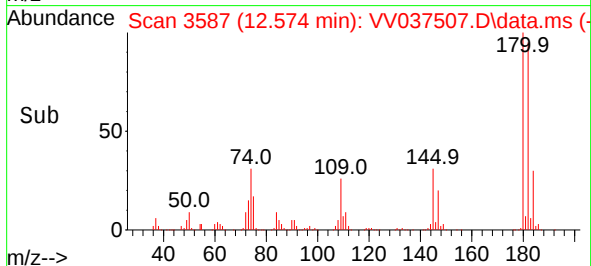
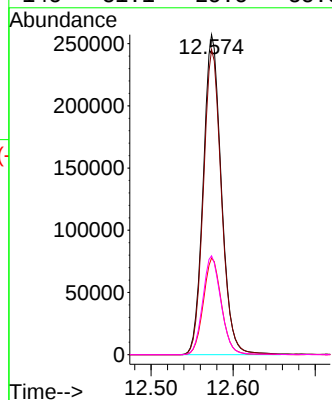
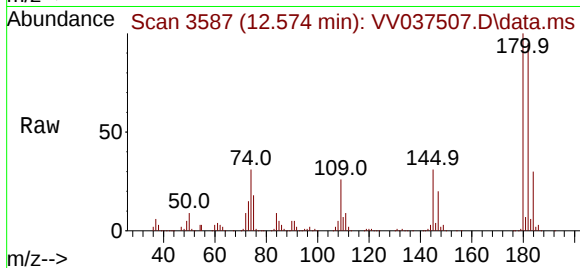
Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

184 30.1 24.2 36.2

145 31.1 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 51.828 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037507.D

Acq: 25 Sep 2024 08:22

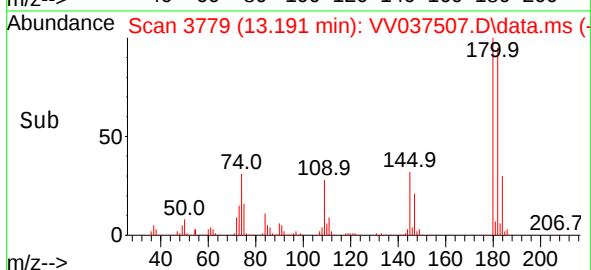
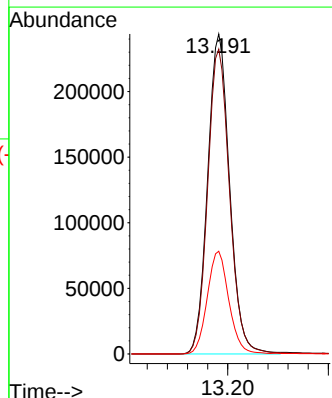
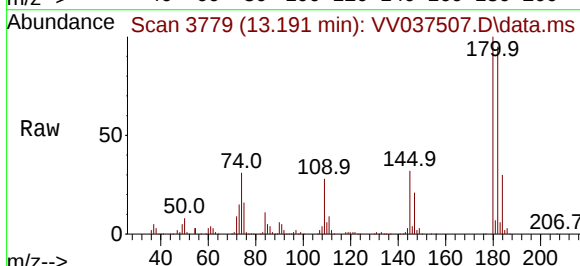
Tgt Ion:180 Resp: 369671

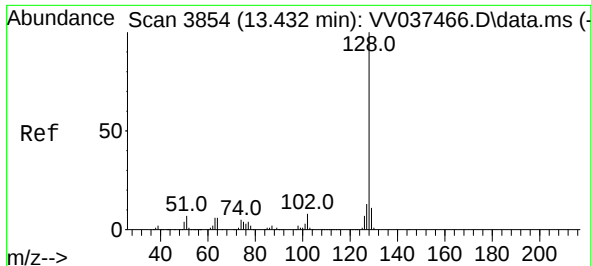
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

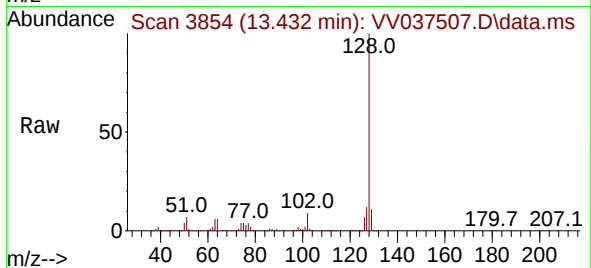
145 31.6 26.0 39.0



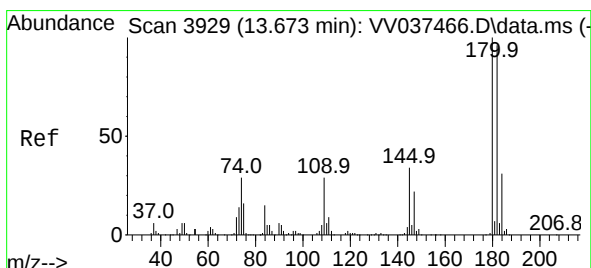
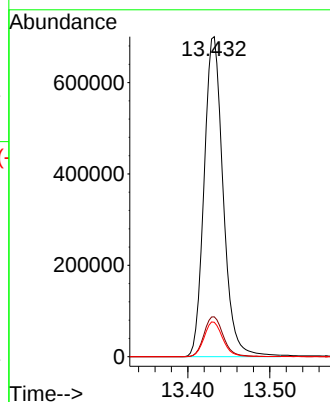
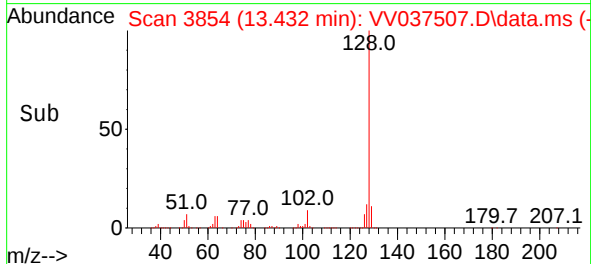


#71
Naphthalene
Concen: 54.841 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22

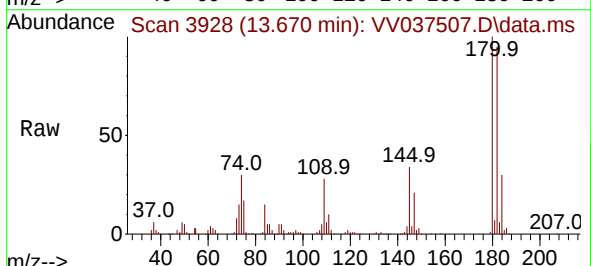
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1129521
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.222 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV037507.D
Acq: 25 Sep 2024 08:22



Tgt Ion:180 Resp: 374101
Ion Ratio Lower Upper
180 100
182 95.4 75.1 112.7
145 33.7 27.0 40.4

