

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092524\
 Data File : VV037531.D
 Acq On : 25 Sep 2024 17:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 04:15:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 04:08:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	682382	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	660962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	359794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	212247	34.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.000%
7) Chloroethane-d5	1.532	69	180653	37.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.900%
11) 1,1-Dichloroethene-d2	2.060	65	95012	36.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.420%
21) 2-Butanone-d5	3.790	46	203277	84.094	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.090%
24) Chloroform-d	4.243	84	448624	45.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	4.937	65	262608	42.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
32) Benzene-d6	4.953	84	862219	43.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.380%
36) 1,2-Dichloropropane-d6	5.986	67	274056	43.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.660%
41) Toluene-d8	7.236	98	779725	43.276	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.560%
43) trans-1,3-Dichloroprop...	7.548	79	127241	43.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	8.021	63	144610	84.739	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	347010	45.758	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.520%
66) 1,2-Dichlorobenzene-d4	11.555	152	312277	43.336	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	243075	42.154	ug/L	100
3) Chloromethane	1.217	50	235608	36.331	ug/L	96
5) Vinyl chloride	1.282	62	260717	42.825	ug/L	99
6) Bromomethane	1.487	94	139120	40.782	ug/L	100
8) Chloroethane	1.548	64	168242	45.180	ug/L	99
9) Trichlorofluoromethane	1.712	101	378815	47.681	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	225577	47.737	ug/L	98
12) 1,1-Dichloroethene	2.069	96	205269	46.108	ug/L	93
13) Acetone	2.111	43	144609	55.780	ug/L	99
14) Carbon disulfide	2.240	76	560053	41.439	ug/L	100
15) Methyl Acetate	2.372	43	185604	42.704	ug/L	97
16) Methylene chloride	2.442	84	233253	46.437	ug/L	94
17) trans-1,2-Dichloroethene	2.690	96	216195	46.779	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	678380	46.662	ug/L	99
19) 1,1-Dichloroethane	3.105	63	427912	46.623	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	256724	50.270	ug/L	93
22) 2-Butanone	3.873	43	208750	73.134	ug/L	97
23) Bromochloromethane	4.140	128	132414	52.819	ug/L	93
25) Chloroform	4.269	83	455601	49.015	ug/L	100

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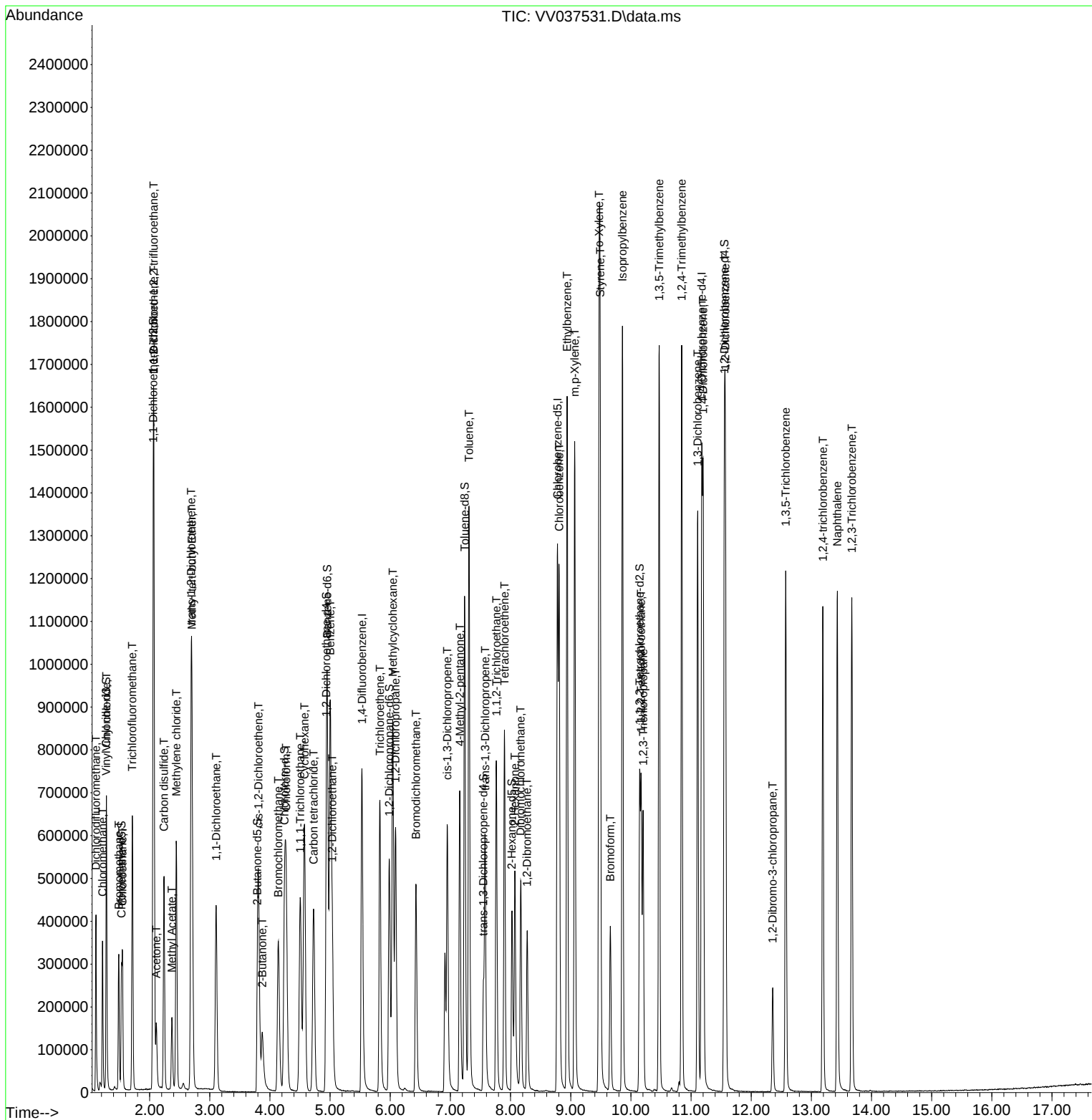
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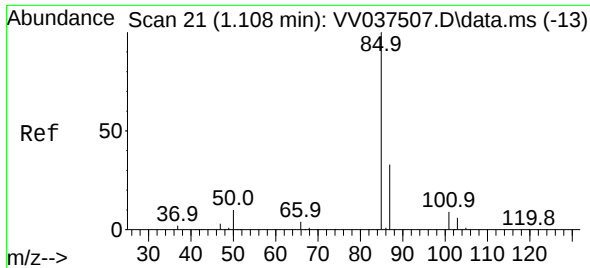
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 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 04:08:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320904	47.064	ug/L	99
29) Cyclohexane	4.574	56	344626	44.345	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	384956	50.617	ug/L	98
31) Carbon tetrachloride	4.725	117	335282	52.246	ug/L	98
33) Benzene	5.002	78	943551	49.466	ug/L	100
34) Trichloroethene	5.828	95	249997	49.655	ug/L	98
35) Methylcyclohexane	6.043	83	375721	45.931	ug/L	96
37) 1,2-Dichloropropane	6.088	63	250440	48.974	ug/L	100
38) Bromodichloromethane	6.426	83	333199	50.837	ug/L #	98
39) cis-1,3-Dichloropropene	6.947	75	398778	49.415	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	449029	86.370	ug/L	97
42) Toluene	7.310	91	1014514	51.082	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	363086	50.336	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	244358	51.331	ug/L	99
46) Tetrachloroethene	7.899	164	183850	50.894	ug/L	97
48) 2-Hexanone	8.072	43	318759	79.279	ug/L	98
49) Dibromochloromethane	8.169	129	253941	53.274	ug/L	100
50) 1,2-Dibromoethane	8.275	107	251645	52.240	ug/L	96
51) Chlorobenzene	8.809	112	668071	50.811	ug/L	97
52) Ethylbenzene	8.940	91	1132379	50.478	ug/L	99
53) m,p-Xylene	9.066	106	425639	51.210	ug/L	97
54) o-Xylene	9.471	106	422358	51.899	ug/L	97
55) Styrene	9.490	104	746264	52.848	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	348671	49.454	ug/L	99
59) Bromoform	9.657	173	169743	50.664	ug/L	99
60) Isopropylbenzene	9.860	105	1137628	48.773	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	259450	46.355	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	924362	48.437	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	920007	48.308	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	536793	49.838	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	548262	49.735	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	519470	49.051	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	62247	44.595	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	362437	48.361	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	330622	46.850	ug/L	99
71) Naphthalene	13.432	128	927360	45.509	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	336784	48.427	ug/L	99

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

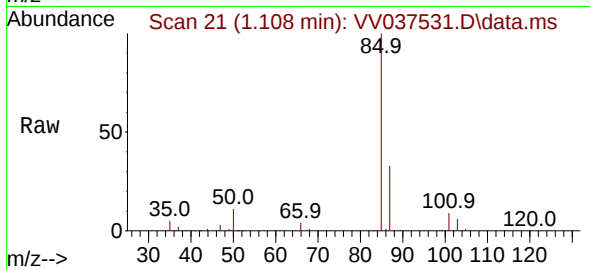
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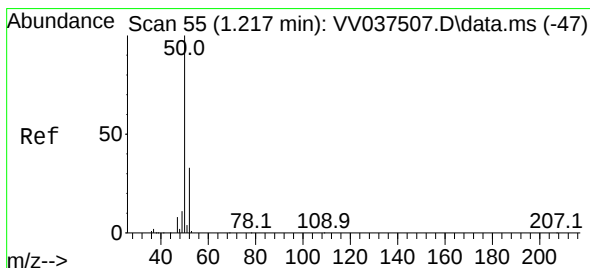
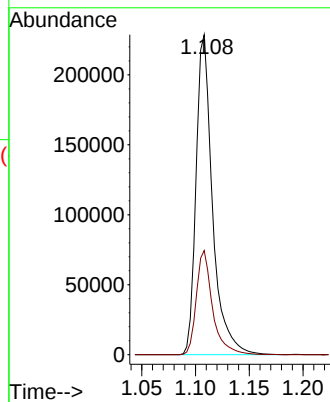
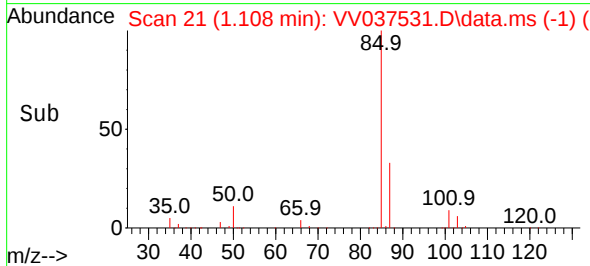


#2
 Dichlorodifluoromethane
 Concen: 42.154 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037531.D
 Acq: 25 Sep 2024 17:44

Instrument :
 MSVOA_V
 ClientSampleId :

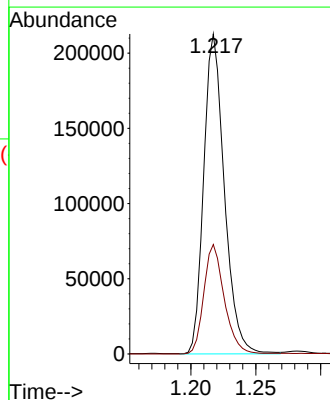
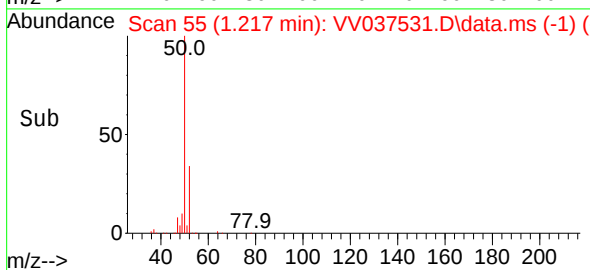
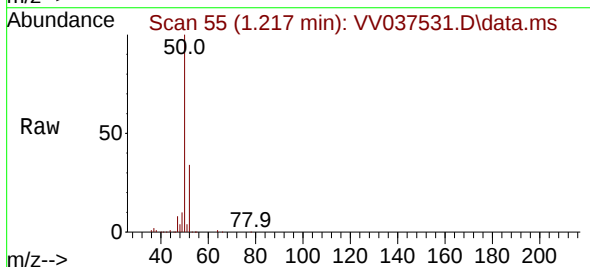


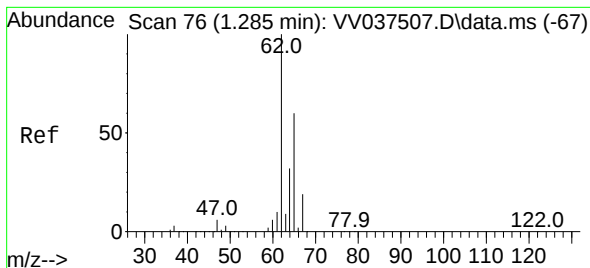
Tgt Ion: 85 Resp: 243075
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 36.331 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037531.D
 Acq: 25 Sep 2024 17:44

Tgt Ion: 50 Resp: 235608
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.9





#5

Vinyl chloride

Concen: 42.825 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

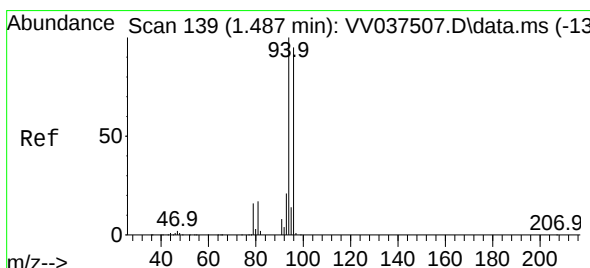
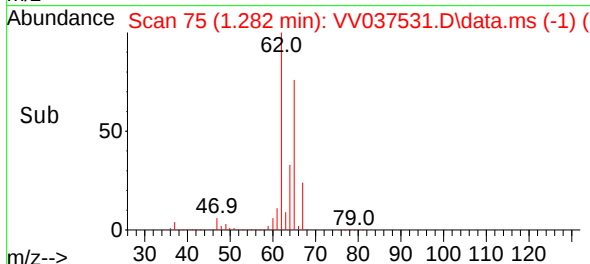
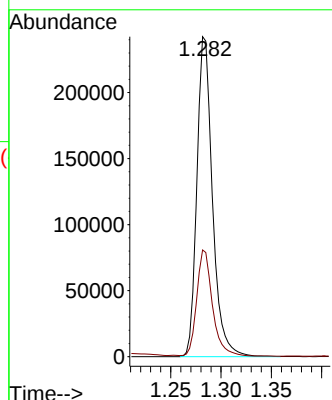
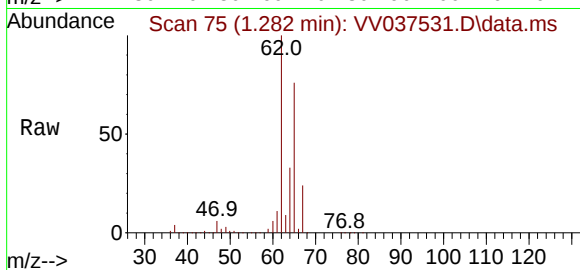
ClientSampleId :

Tgt Ion: 62 Resp: 260717

Ion Ratio Lower Upper

62 100

64 33.4 22.8 42.4



#6

Bromomethane

Concen: 40.782 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037531.D

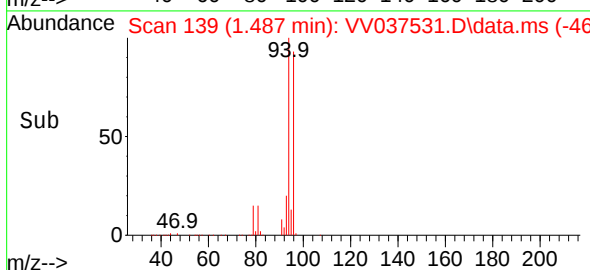
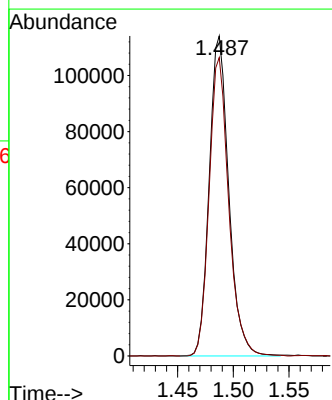
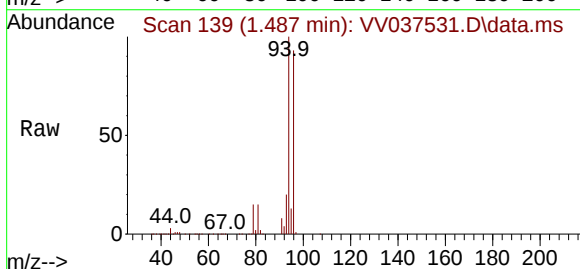
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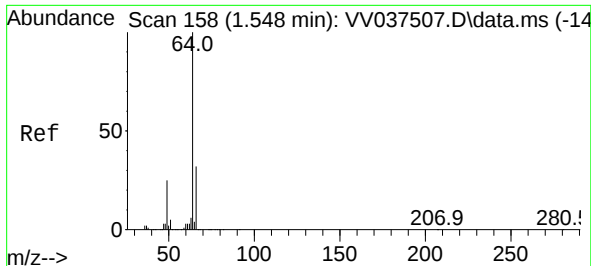
Tgt Ion: 94 Resp: 139120

Ion Ratio Lower Upper

94 100

96 93.3 65.6 121.8

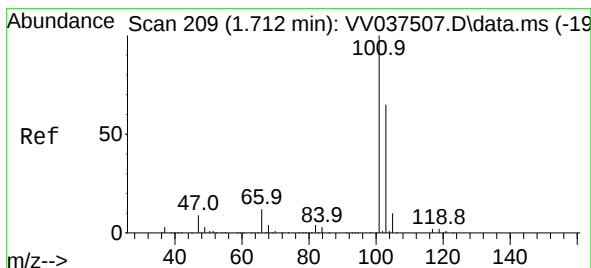
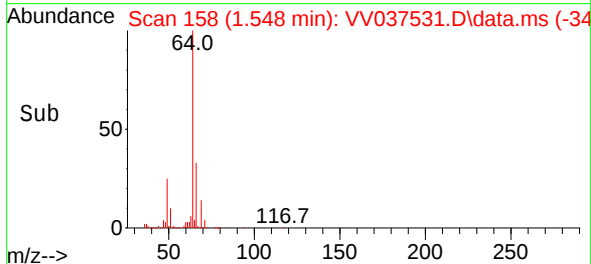
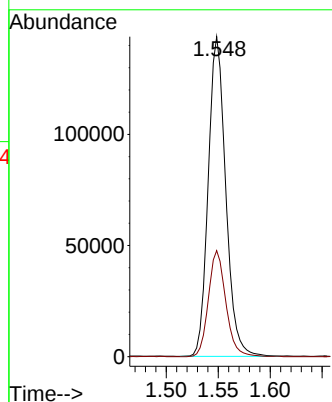
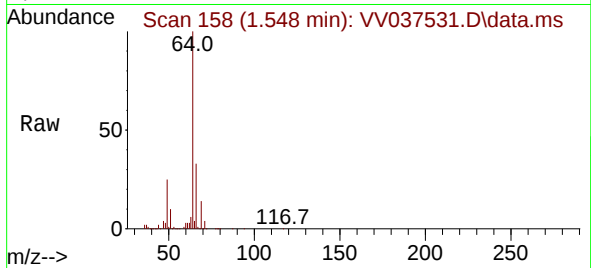




#8
Chloroethane
Concen: 45.180 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

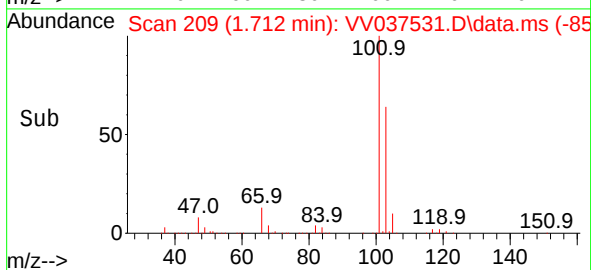
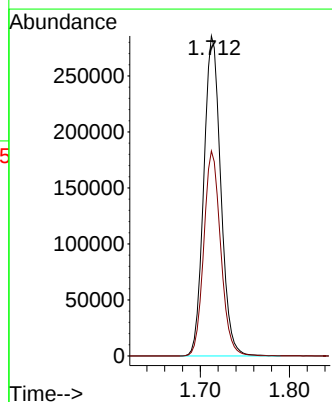
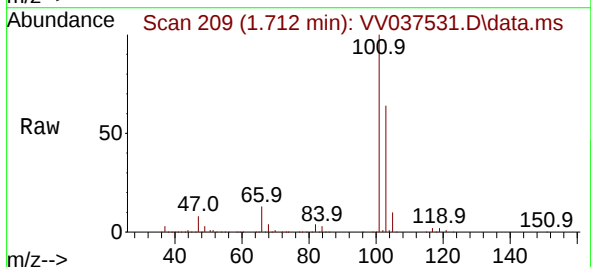
Instrument :
MSVOA_V
ClientSampleId :

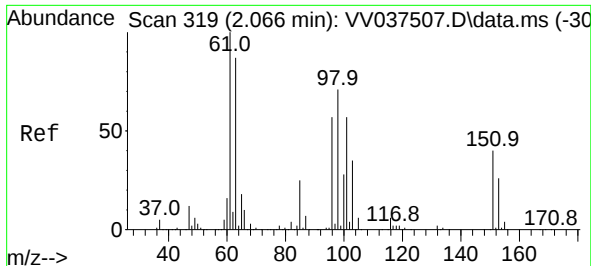
Tgt Ion: 64 Resp: 168242
Ion Ratio Lower Upper
64 100
66 33.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 47.681 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion: 101 Resp: 378815
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5





#10

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

Concen: 47.737 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

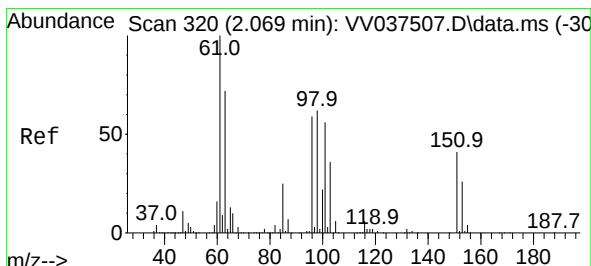
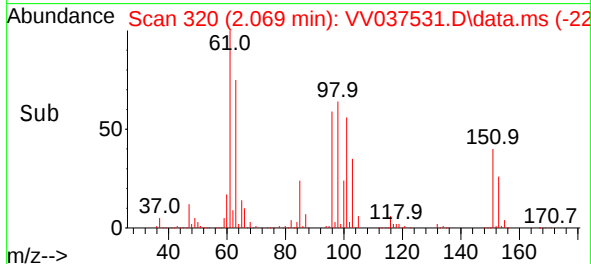
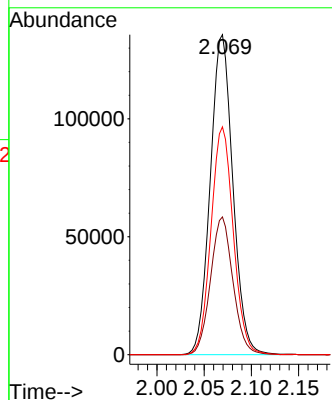
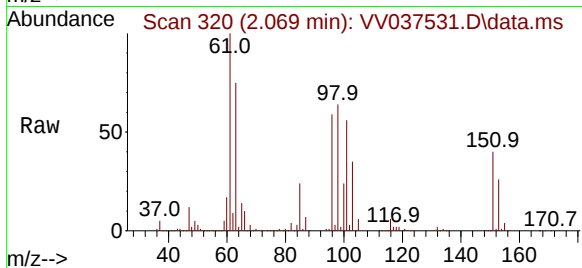
Tgt Ion:101 Resp: 225577

Ion Ratio Lower Upper

101 100

85 42.8 35.6 53.4

151 70.4 55.0 82.4



#12

1,1-Dichloroethene

Concen: 46.108 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

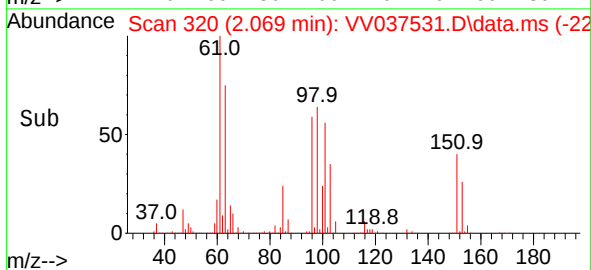
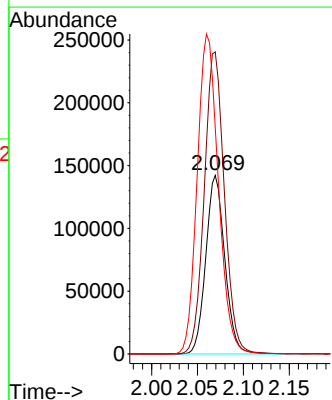
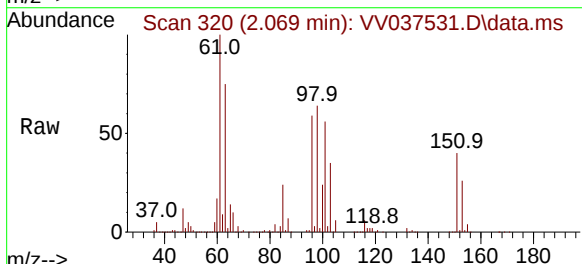
Tgt Ion: 96 Resp: 205269

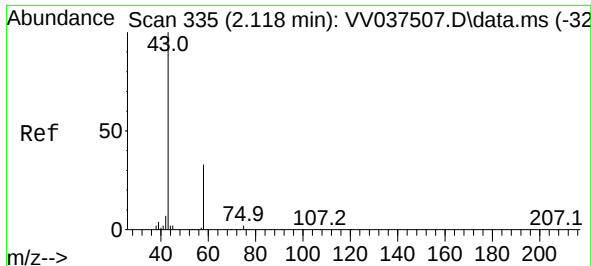
Ion Ratio Lower Upper

96 100

61 169.1 123.8 229.8

63 126.8 96.5 179.1





#13

Acetone

Concen: 55.780 ug/L

RT: 2.111 min Scan# 335

Delta R.T. -0.006 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

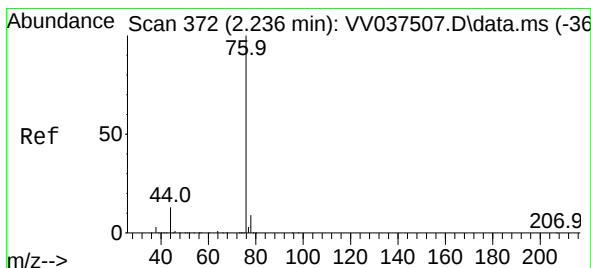
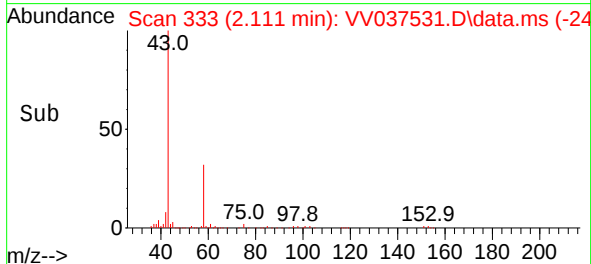
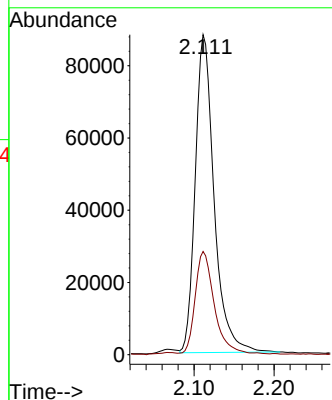
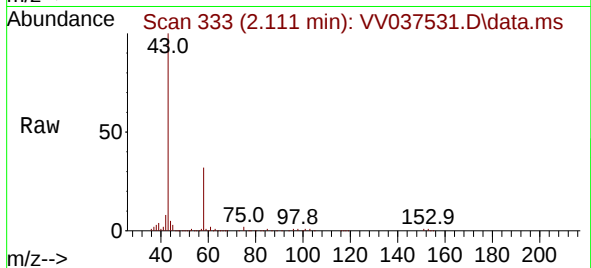
ClientSampleId :

Tgt Ion: 43 Resp: 144609

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.8



#14

Carbon disulfide

Concen: 41.439 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037531.D

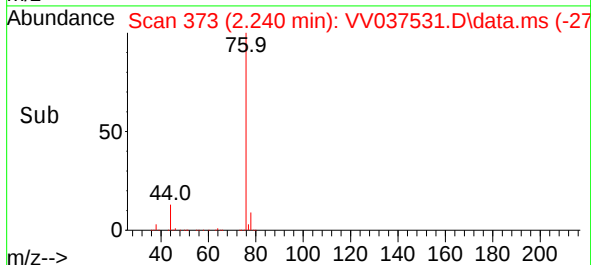
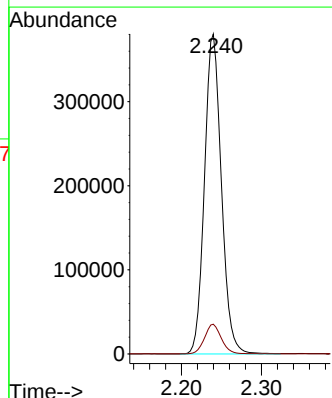
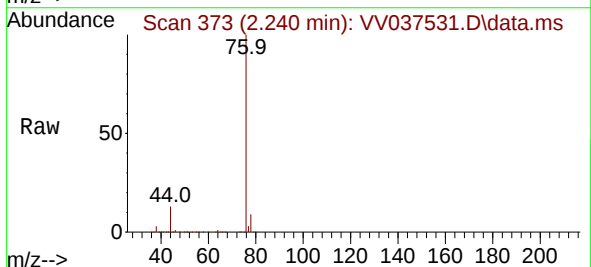
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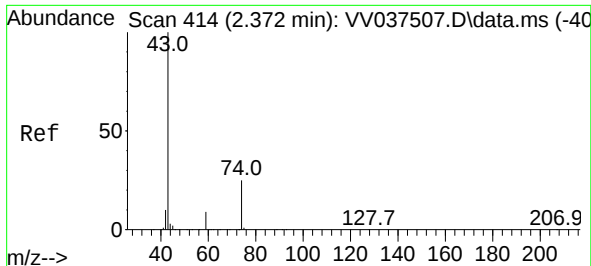
Tgt Ion: 76 Resp: 560053

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 42.704 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

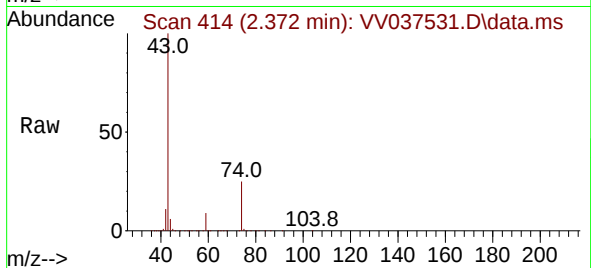
Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

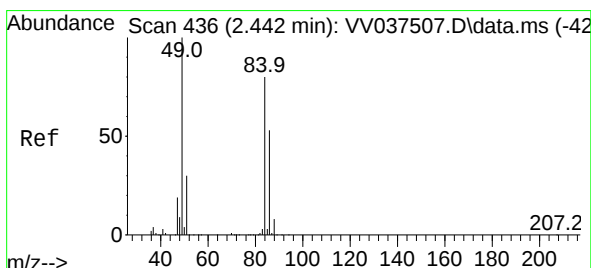
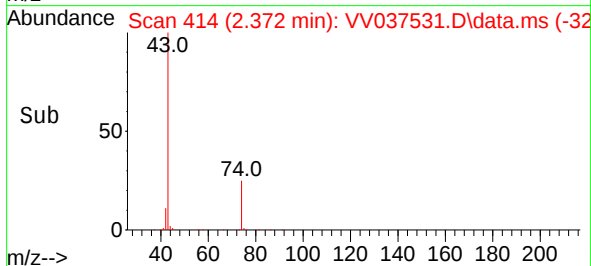
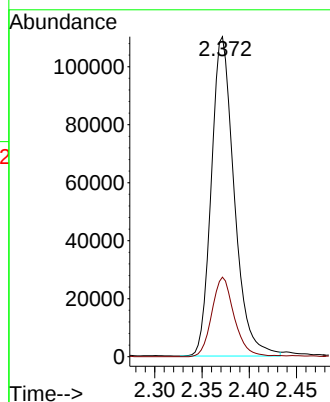


Tgt Ion: 43 Resp: 185604

Ion Ratio Lower Upper

43 100

74 24.3 18.4 27.6



#16

Methylene chloride

Concen: 46.437 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

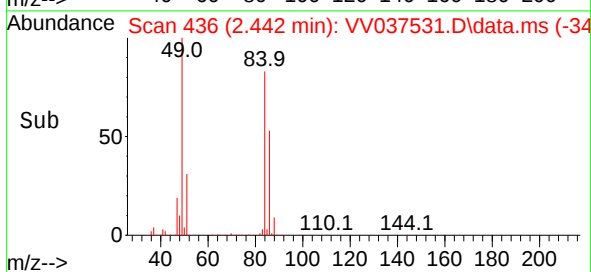
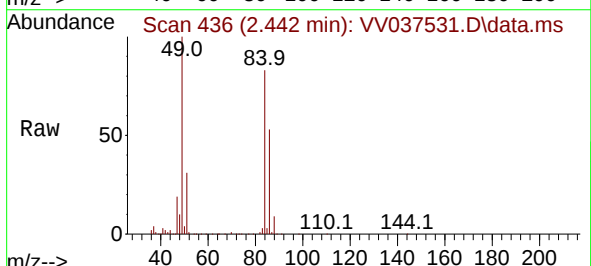
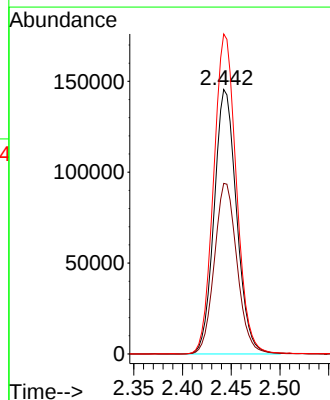
Tgt Ion: 84 Resp: 233253

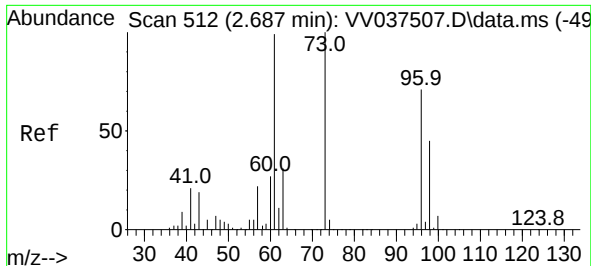
Ion Ratio Lower Upper

84 100

86 64.5 44.7 82.9

49 121.0 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 46.779 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

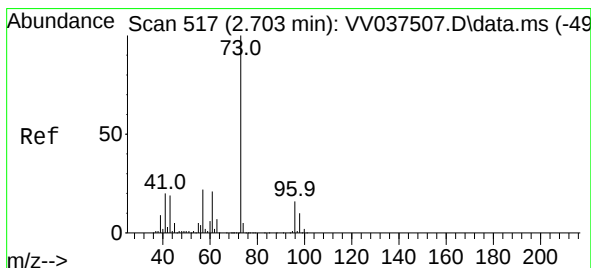
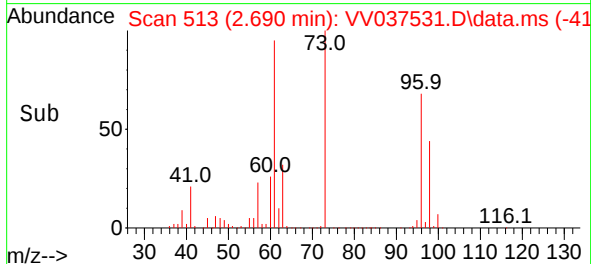
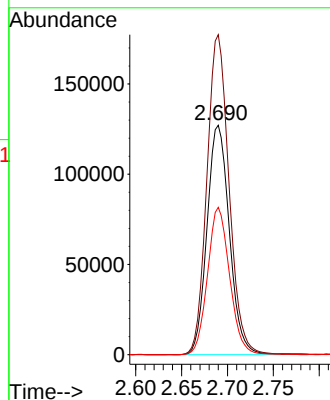
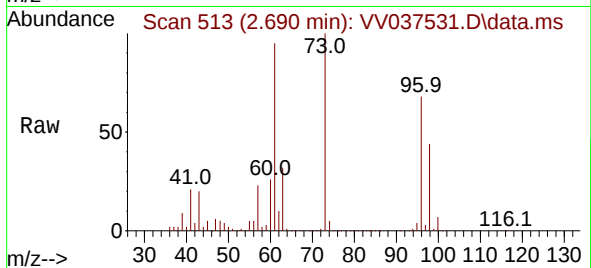
Tgt Ion: 96 Resp: 216195

Ion Ratio Lower Upper

96 100

61 139.5 102.3 189.9

98 64.3 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 46.662 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

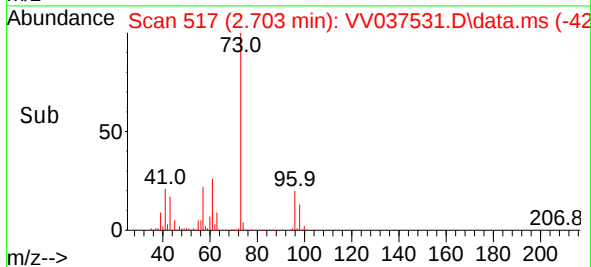
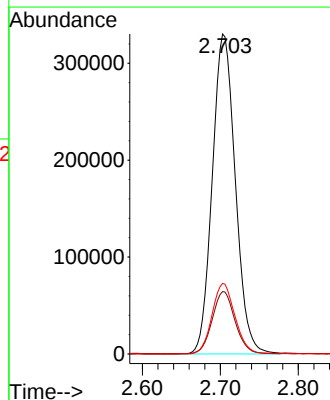
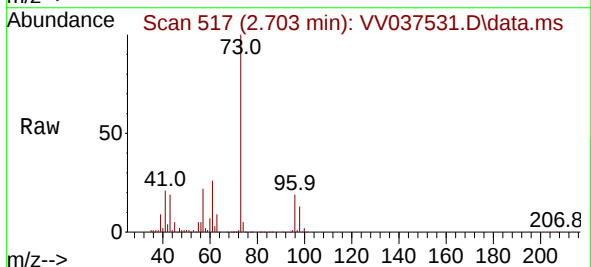
Tgt Ion: 73 Resp: 678380

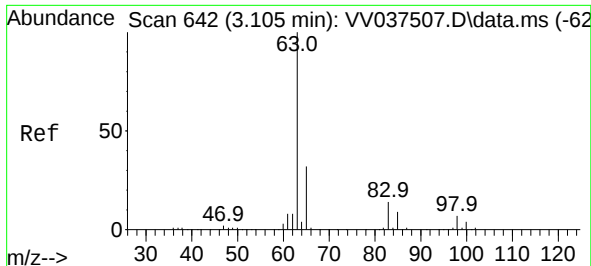
Ion Ratio Lower Upper

73 100

43 19.2 15.8 23.6

57 21.9 18.1 27.1

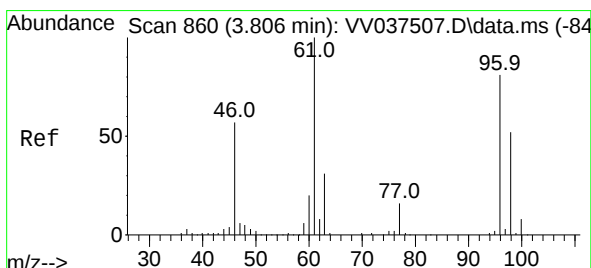
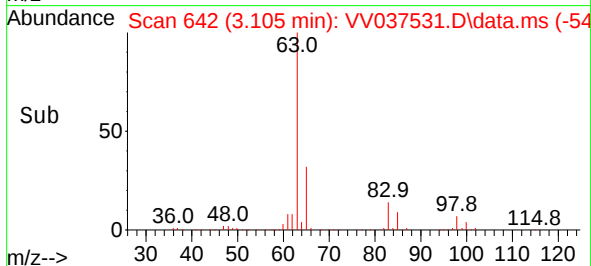
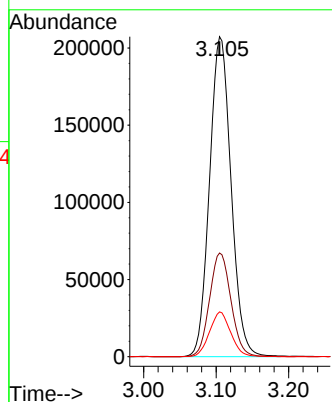
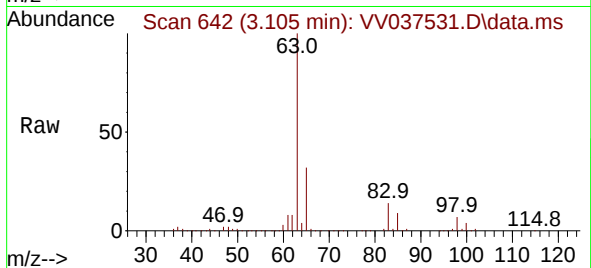




#19
1,1-Dichloroethane
Concen: 46.623 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

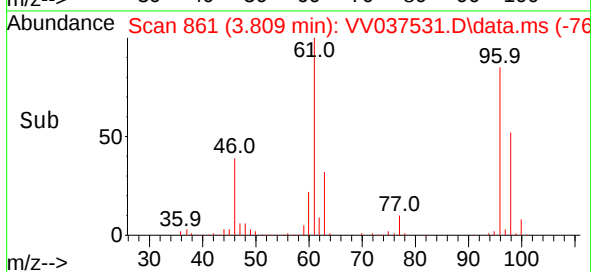
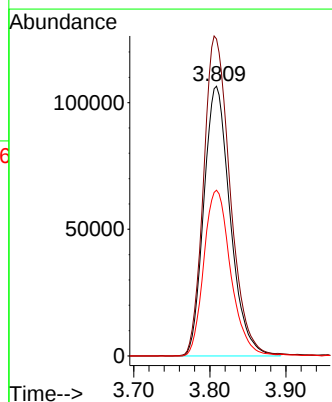
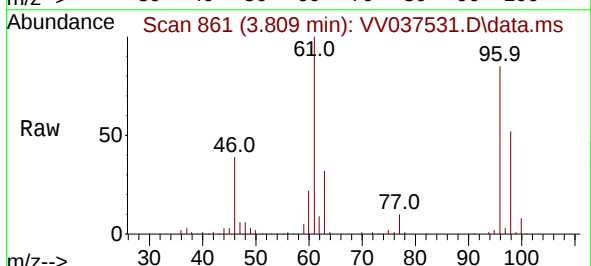
Instrument :
MSVOA_V
ClientSampleId :

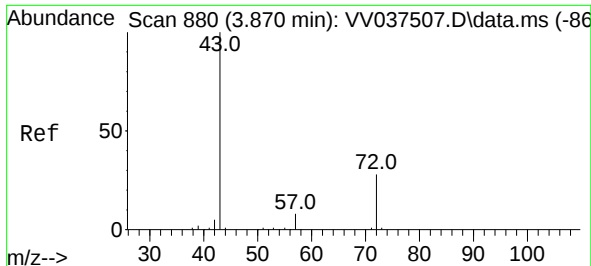
Tgt Ion: 63 Resp: 427912
Ion Ratio Lower Upper
63 100
65 32.4 22.0 41.0
83 14.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 50.270 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion: 96 Resp: 256724
Ion Ratio Lower Upper
96 100
61 117.5 89.9 166.9
98 61.4 44.8 83.2





#22

2-Butanone

Concen: 73.134 ug/L

RT: 3.873 min Scan# 880

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

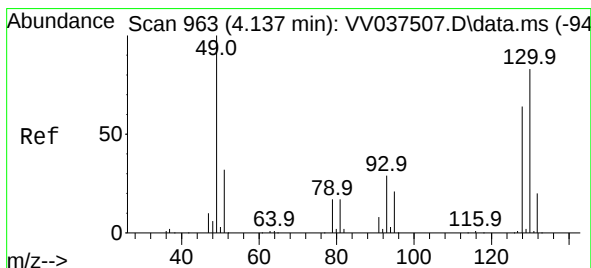
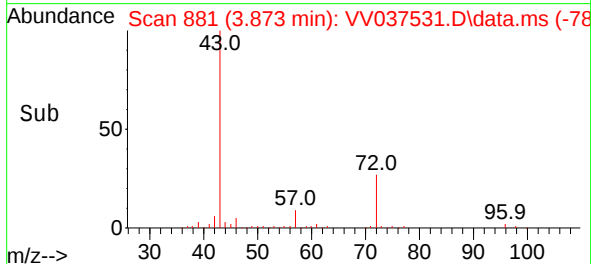
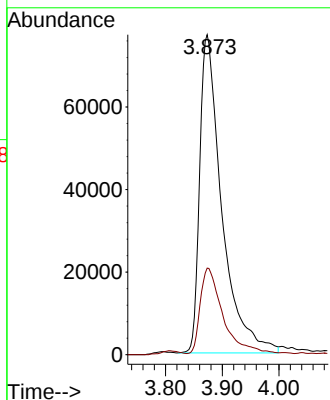
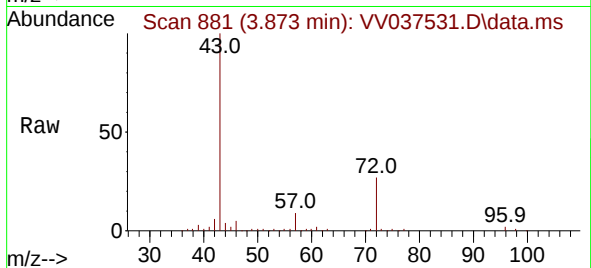
ClientSampleId :

Tgt Ion: 43 Resp: 208750

Ion Ratio Lower Upper

43 100

72 27.0 12.7 38.0



#23

Bromochloromethane

Concen: 52.819 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Tgt Ion:128 Resp: 132414

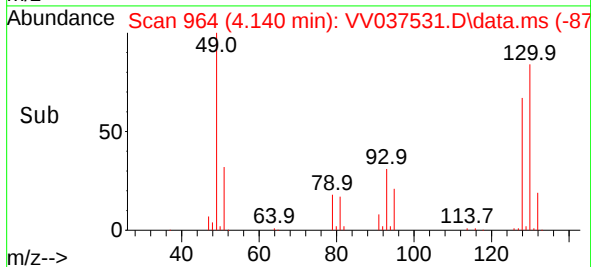
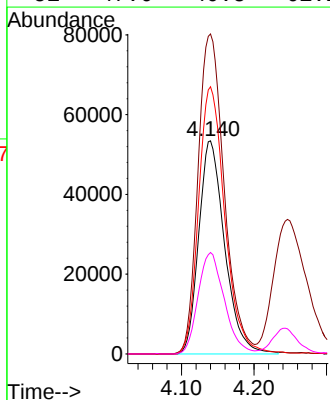
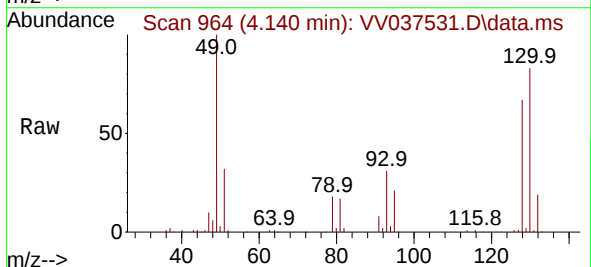
Ion Ratio Lower Upper

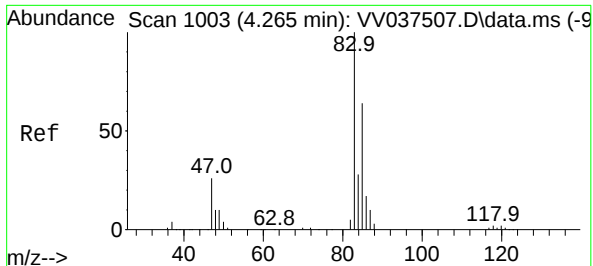
128 100

49 150.2 117.2 217.6

130 125.4 87.6 162.8

51 47.6 40.8 61.2





#25

Chloroform

Concen: 49.015 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

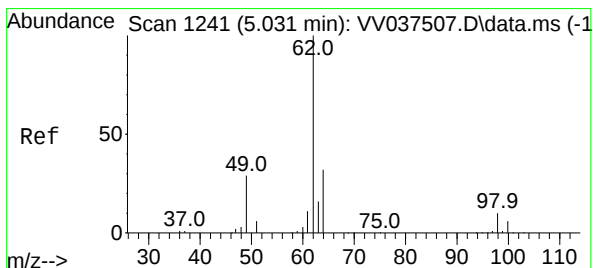
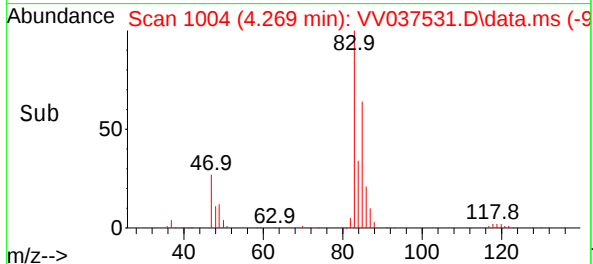
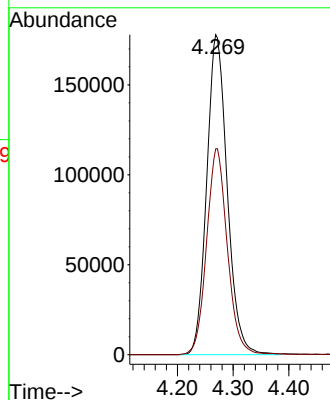
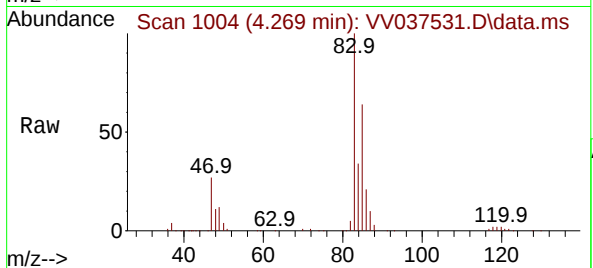
ClientSampleId :

Tgt Ion: 83 Resp: 455601

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 47.064 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.007 min

Lab File: VV037531.D

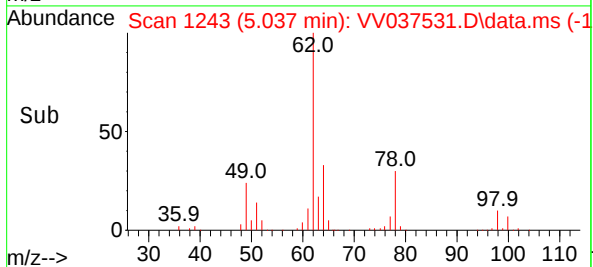
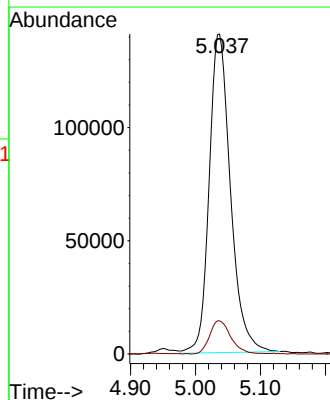
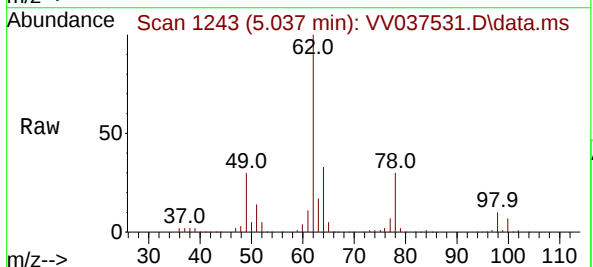
Acq: 25 Sep 2024 17:44

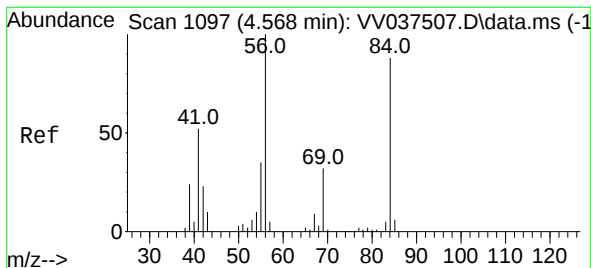
Tgt Ion: 62 Resp: 320904

Ion Ratio Lower Upper

62 100

98 10.4 8.0 12.0





#29

Cyclohexane

Concen: 44.345 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.007 min

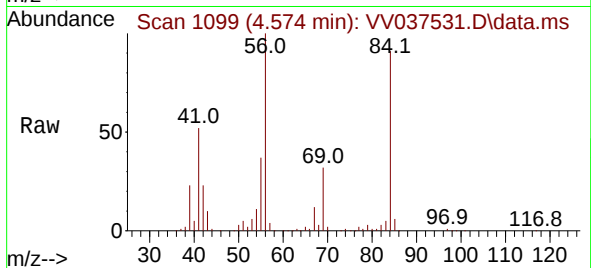
Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :



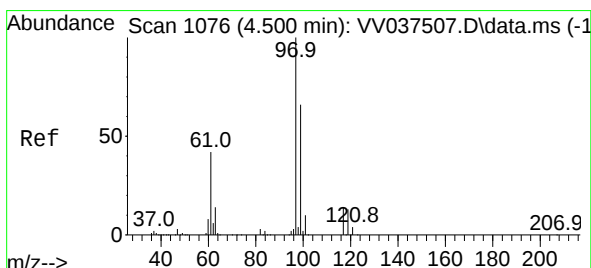
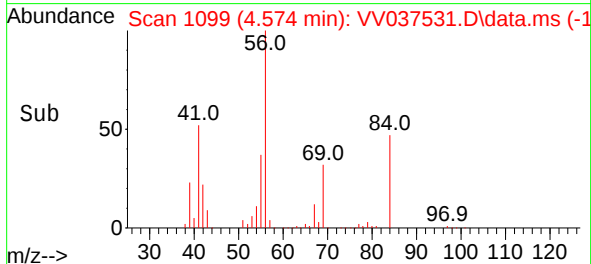
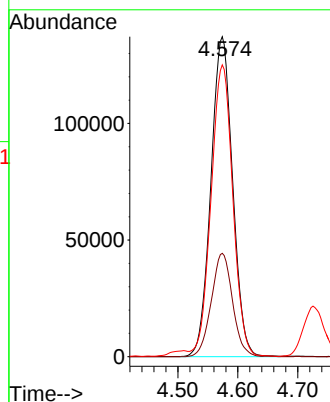
Tgt Ion: 56 Resp: 344626

Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.4

84 91.3 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 50.617 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

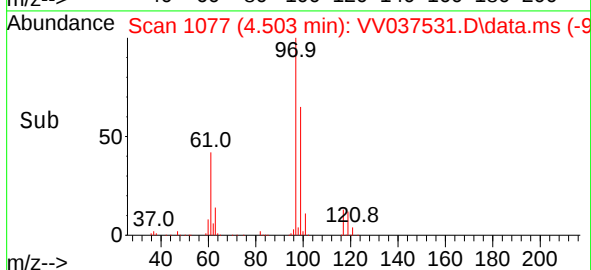
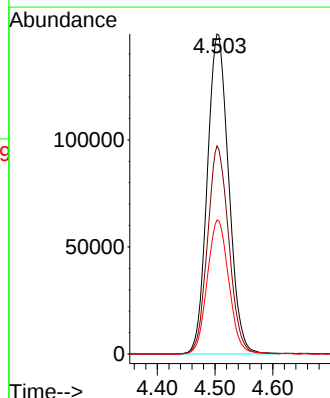
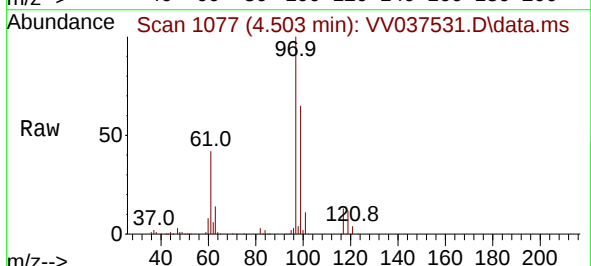
Tgt Ion: 97 Resp: 384956

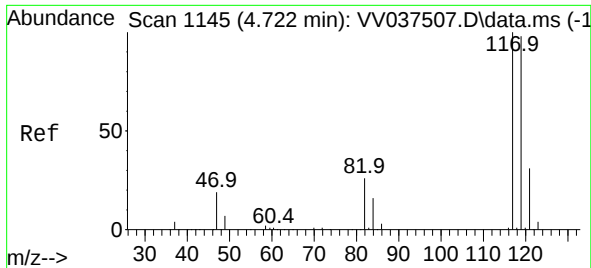
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 42.0 35.8 53.6

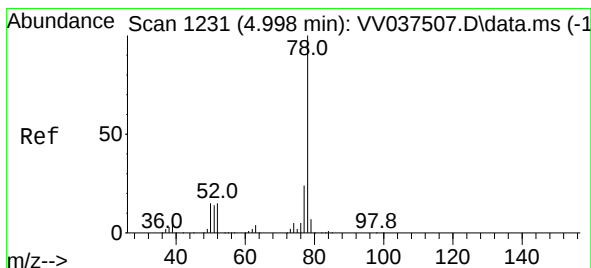
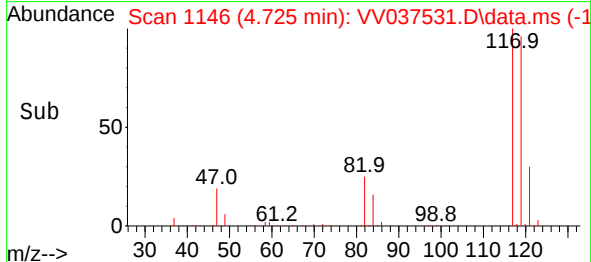
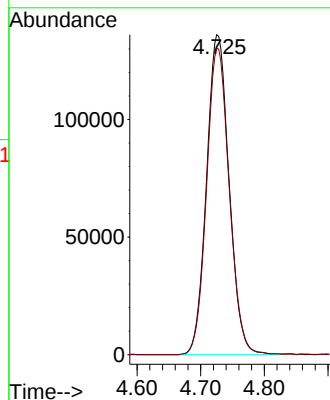
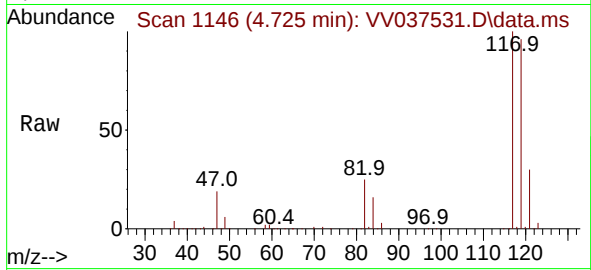




#31
Carbon tetrachloride
Concen: 52.246 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

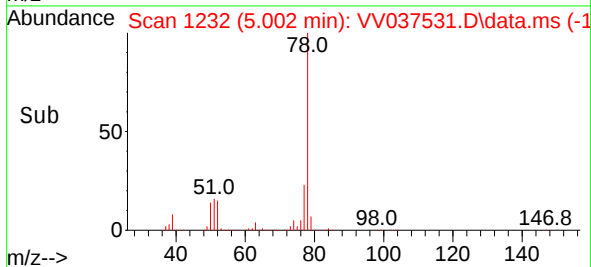
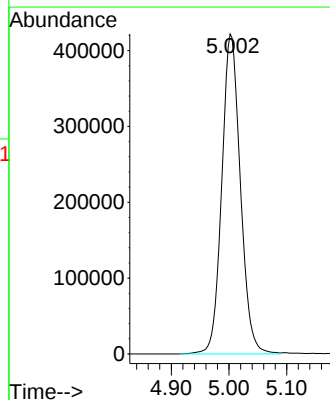
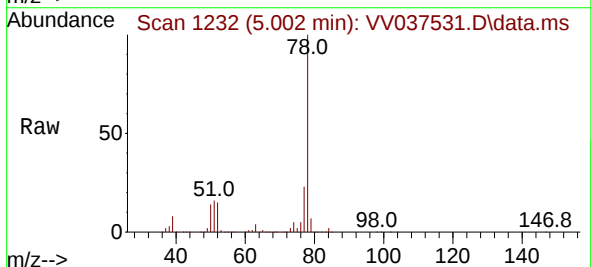
Instrument :
MSVOA_V
ClientSampleId :

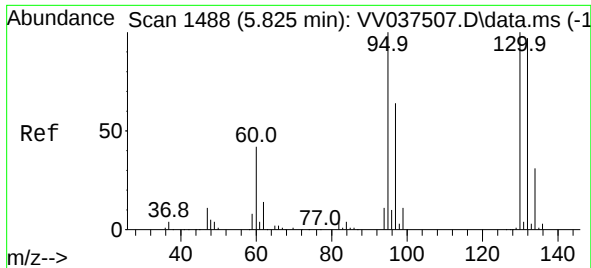
Tgt Ion:117 Resp: 335282
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.6



#33
Benzene
Concen: 49.466 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion: 78 Resp: 943551

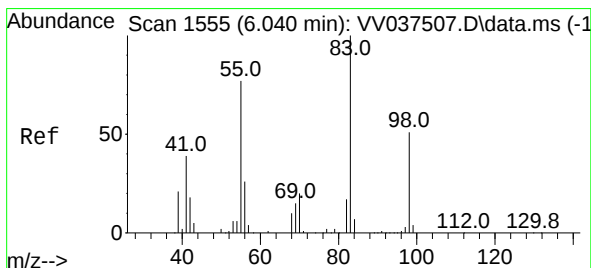
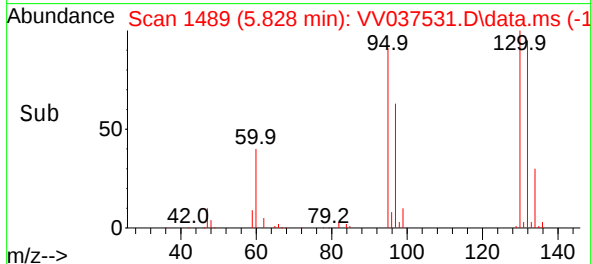
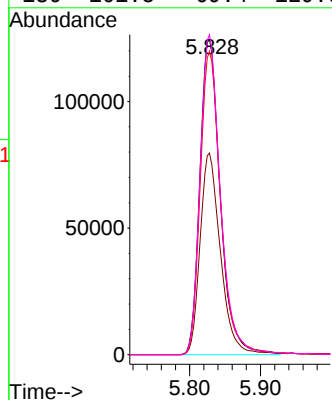
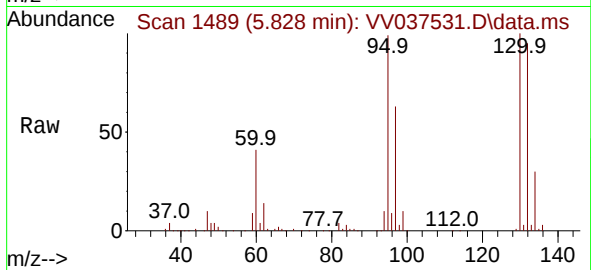




#34
Trichloroethene
Concen: 49.655 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

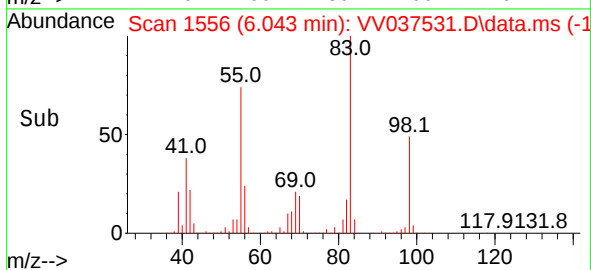
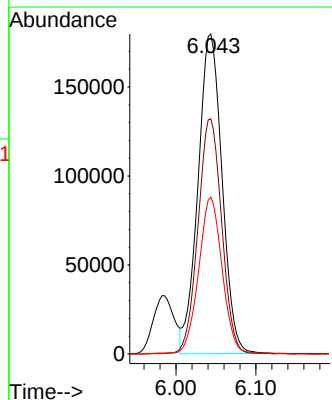
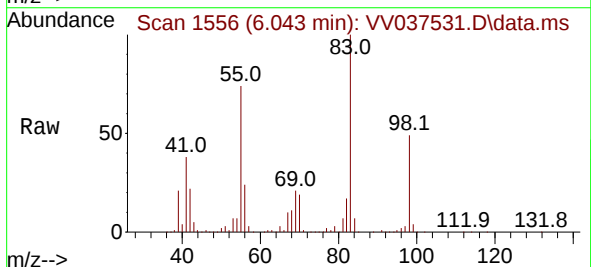
Instrument :
MSVOA_V
ClientSampleId :

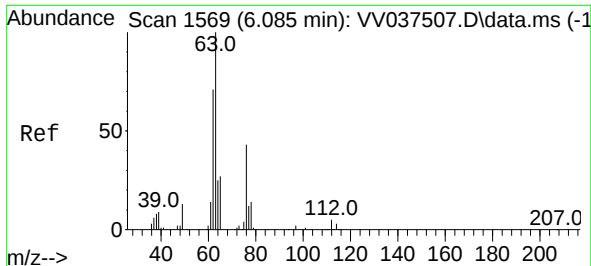
Tgt Ion: 95 Resp: 249997
Ion Ratio Lower Upper
95 100
97 63.9 44.4 82.5
132 96.3 64.9 120.5
130 101.5 69.4 129.0



#35
Methylcyclohexane
Concen: 45.931 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion: 83 Resp: 375721
Ion Ratio Lower Upper
83 100
55 72.6 61.2 91.8
98 47.2 39.3 58.9

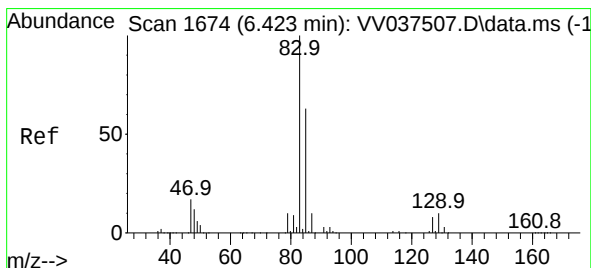
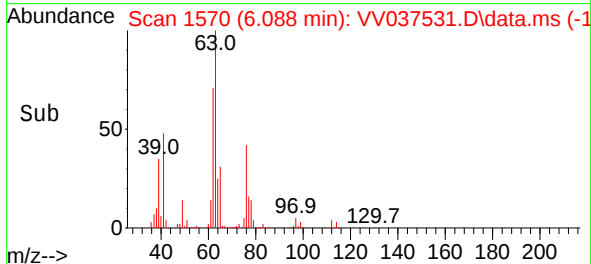
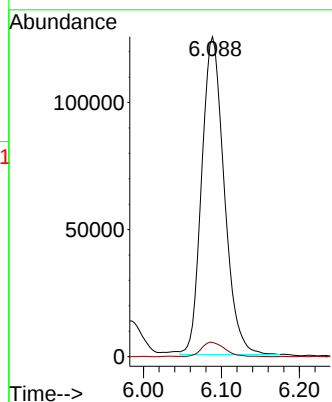
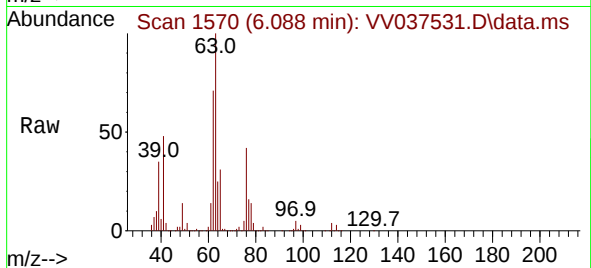




#37
1,2-Dichloropropane
Concen: 48.974 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

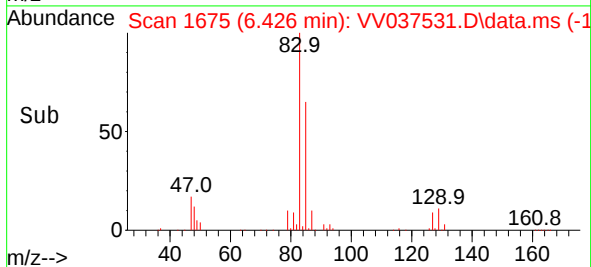
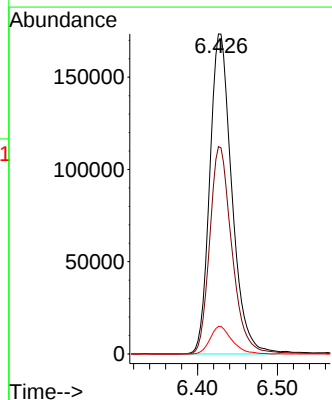
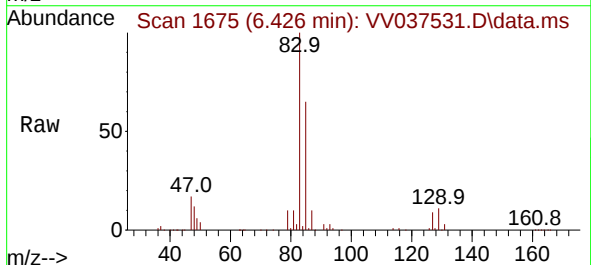
Instrument :
MSVOA_V
ClientSampleId :

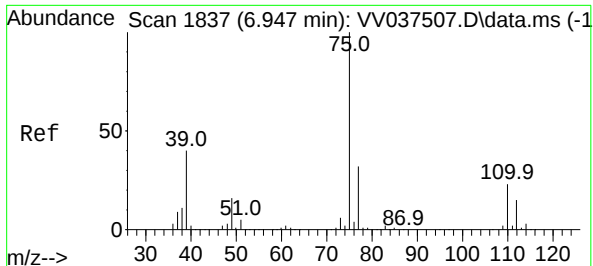
Tgt Ion: 63 Resp: 250440
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 50.837 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion: 83 Resp: 333199
Ion Ratio Lower Upper
83 100
85 64.8 44.5 82.7
127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 49.415 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

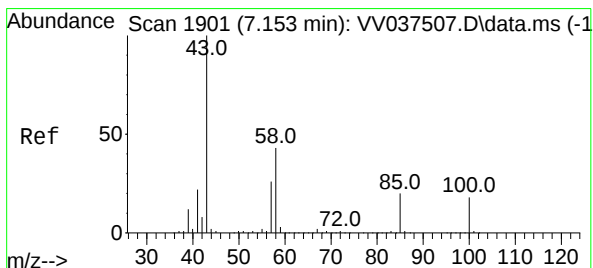
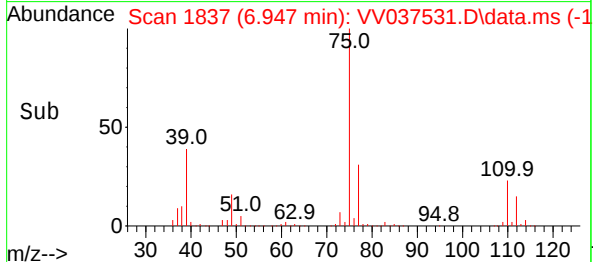
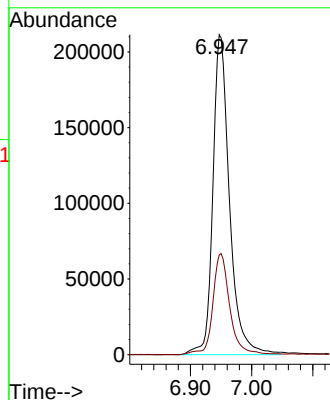
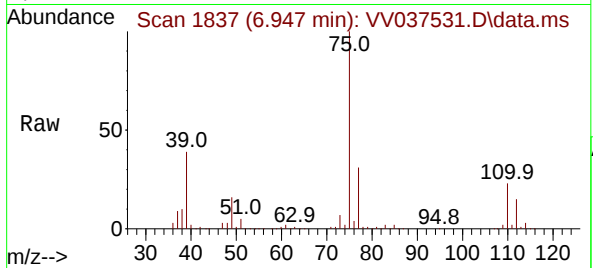
ClientSampleId :

Tgt Ion: 75 Resp: 398778

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 86.370 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

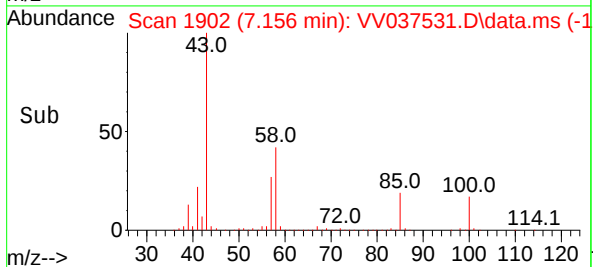
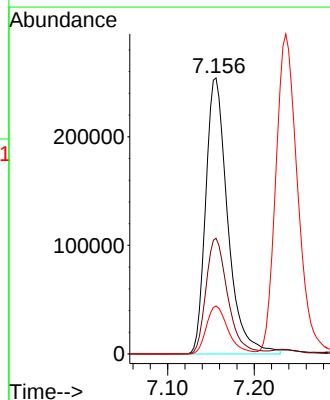
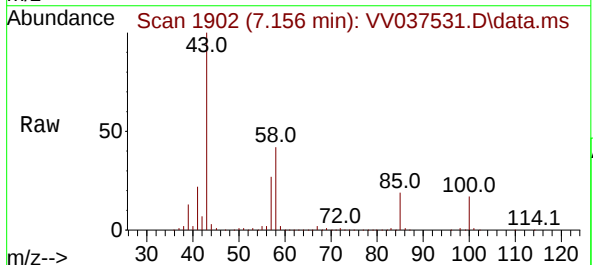
Tgt Ion: 43 Resp: 449029

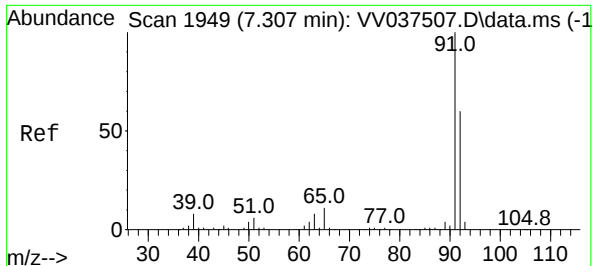
Ion Ratio Lower Upper

43 100

58 41.7 32.0 48.0

100 17.1 12.4 18.6





#42

Toluene

Concen: 51.082 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

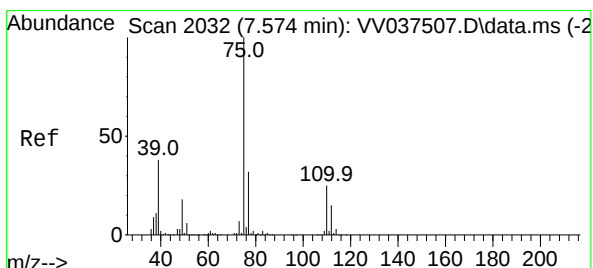
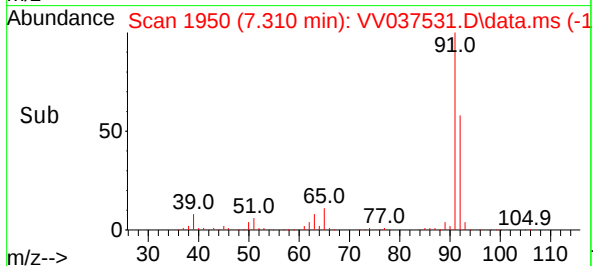
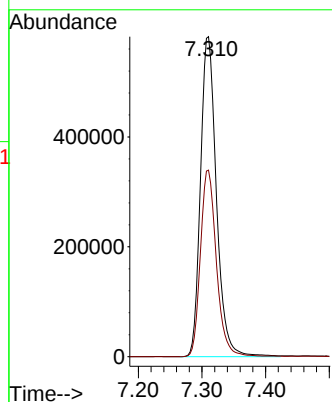
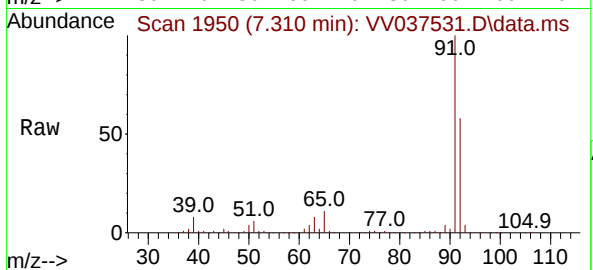
ClientSampleId :

Tgt Ion: 91 Resp: 1014514

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 50.336 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037531.D

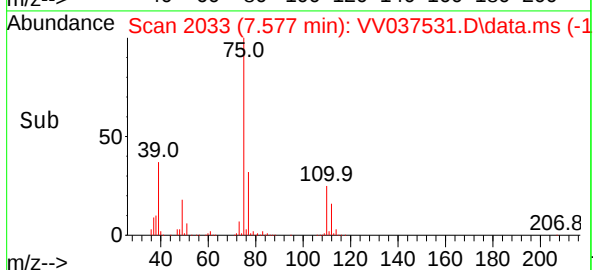
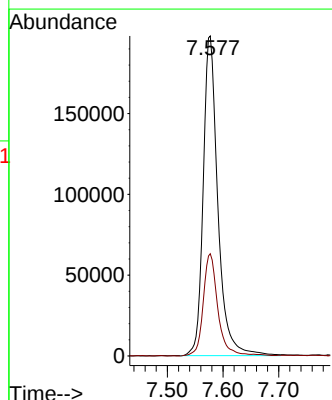
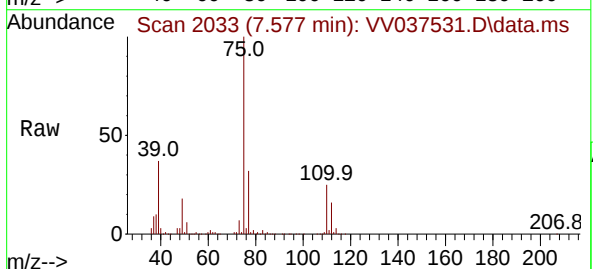
Acq: 25 Sep 2024 17:44

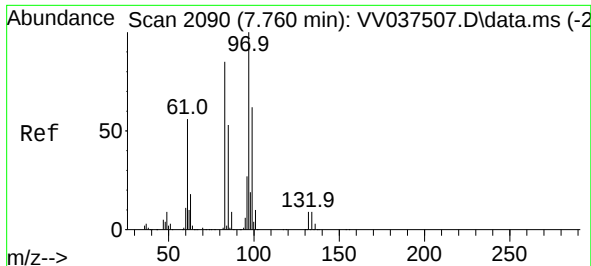
Tgt Ion: 75 Resp: 363086

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



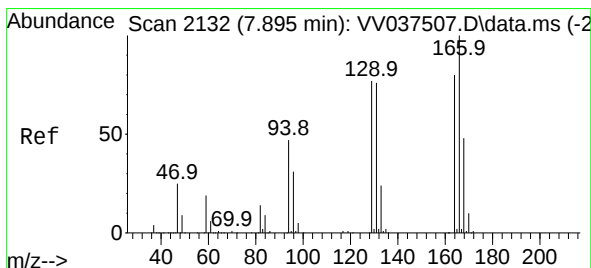
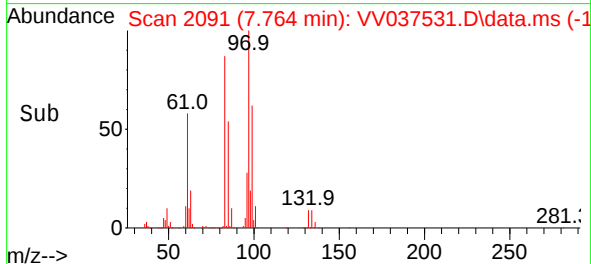
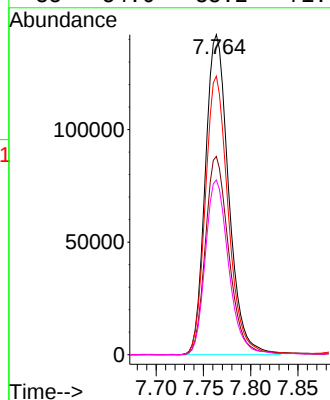
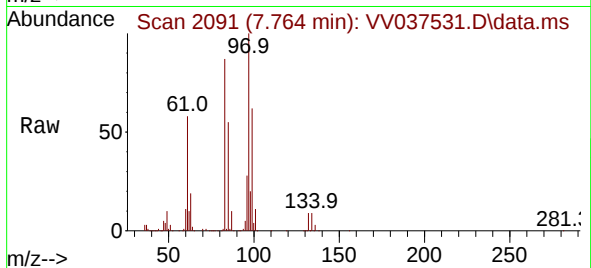


#45
1,1,2-Trichloroethane
Concen: 51.331 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 244358

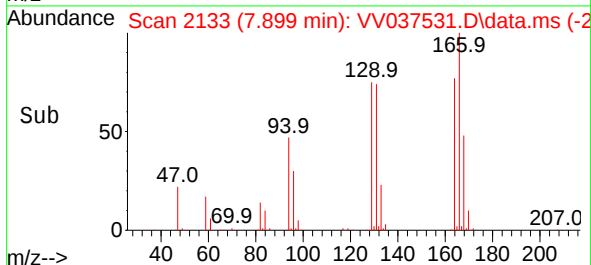
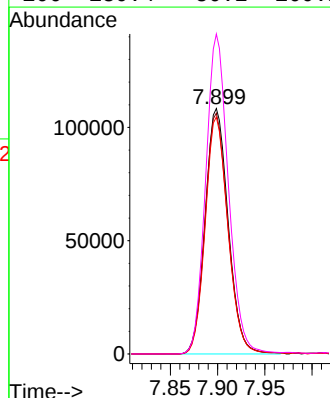
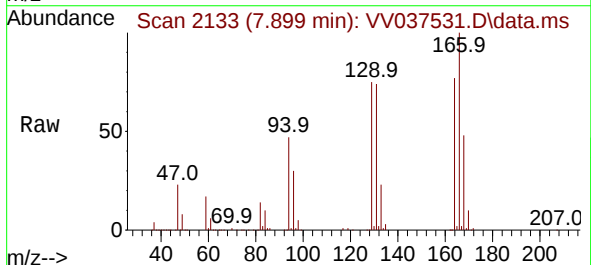
Ion	Ratio	Lower	Upper
97	100		
99	61.9	42.6	79.0
83	87.1	60.5	112.3
85	54.6	38.2	71.0

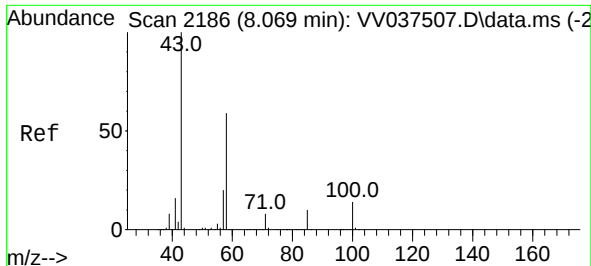


#46
Tetrachloroethene
Concen: 50.894 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion: 164 Resp: 183850

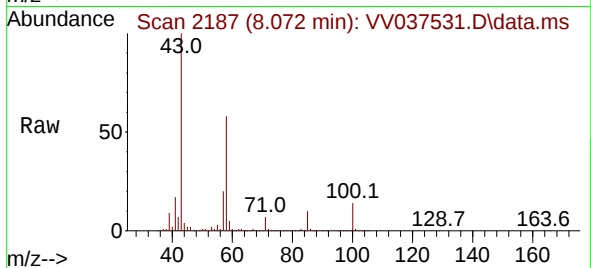
Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.1	124.7
131	96.5	67.0	124.4
166	130.4	86.2	160.2



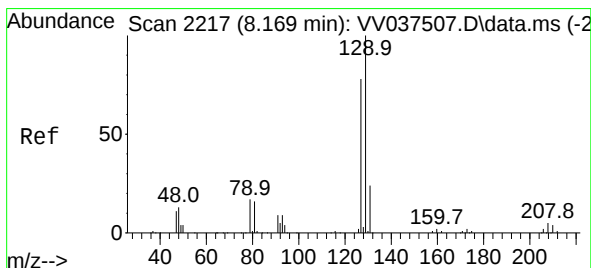
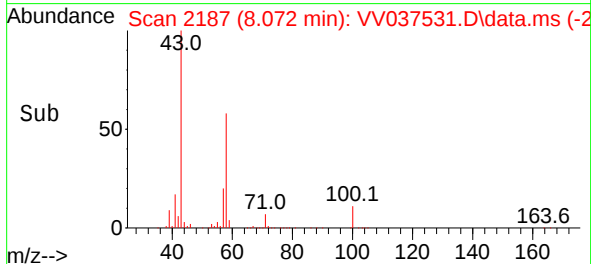
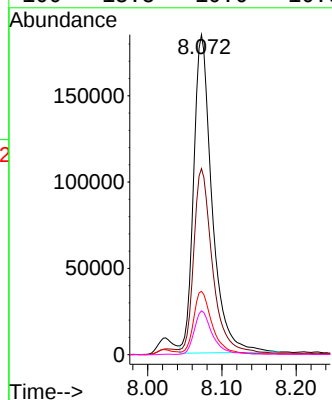


#48
2-Hexanone
Concen: 79.279 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

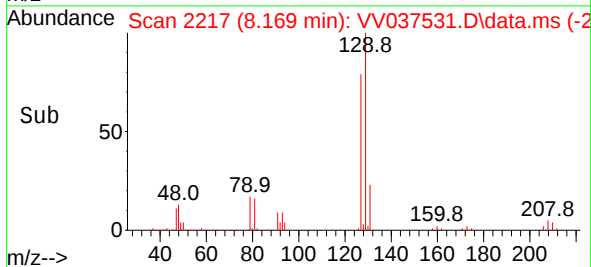
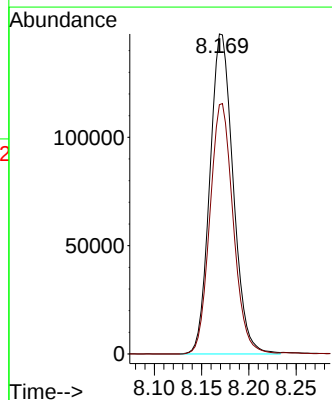
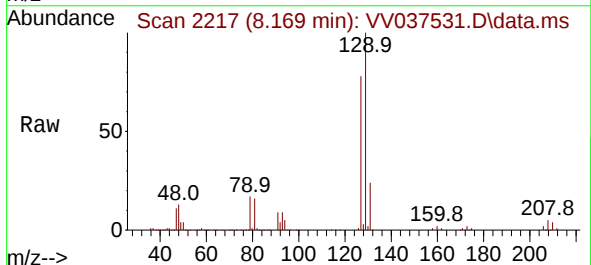


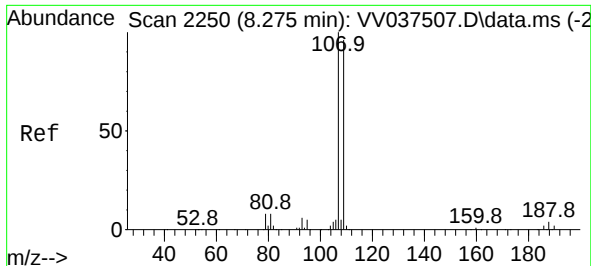
Tgt Ion: 43 Resp: 318759
Ion Ratio Lower Upper
43 100
58 59.3 46.0 69.0
57 19.9 15.6 23.4
100 13.8 10.6 16.0



#49
Dibromochloromethane
Concen: 53.274 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

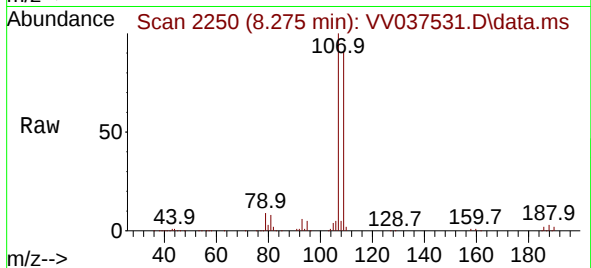
Tgt Ion: 129 Resp: 253941
Ion Ratio Lower Upper
129 100
127 77.9 54.7 101.7



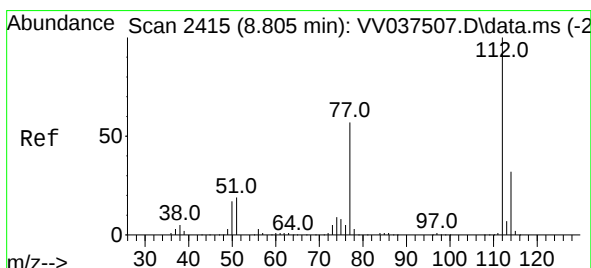
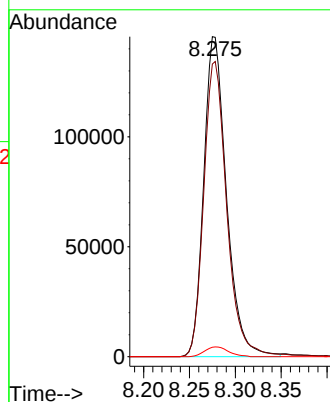
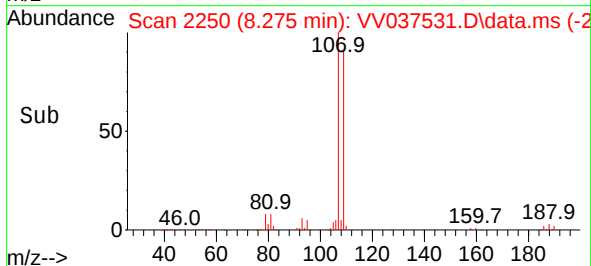


#50
1,2-Dibromoethane
Concen: 52.240 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

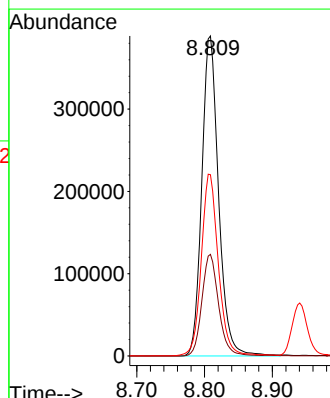
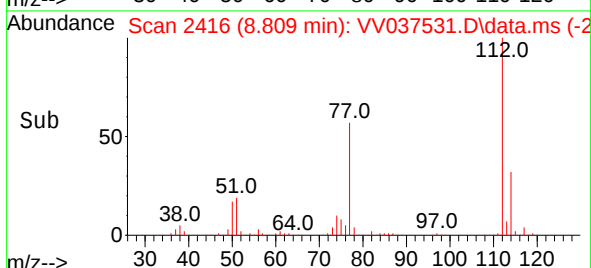
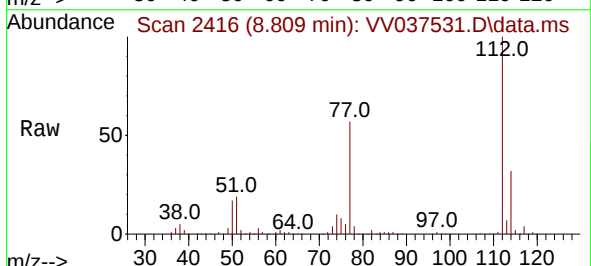


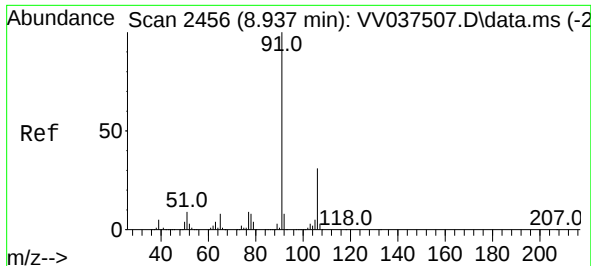
Tgt Ion:107 Resp: 251645
Ion Ratio Lower Upper
107 100
109 91.5 66.6 123.6
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 50.811 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion:112 Resp: 668071
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 56.7 47.8 71.8





#52

Ethylbenzene

Concen: 50.478 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

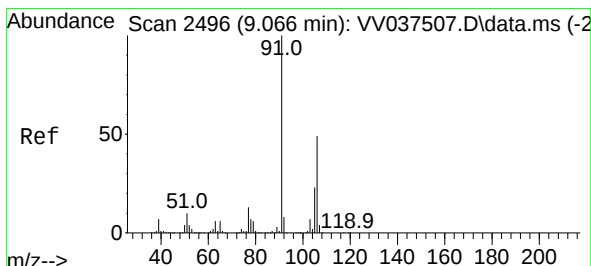
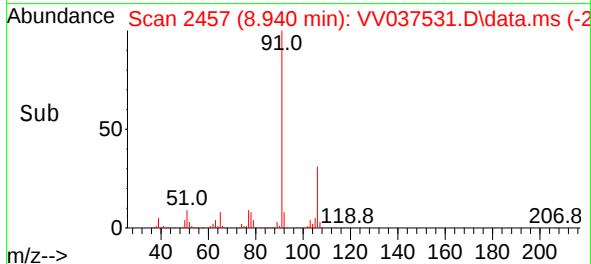
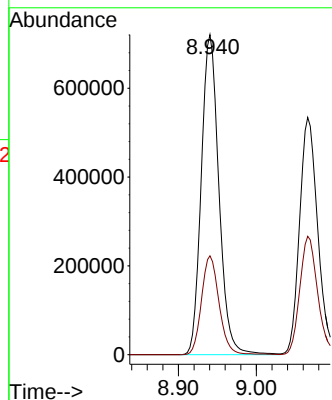
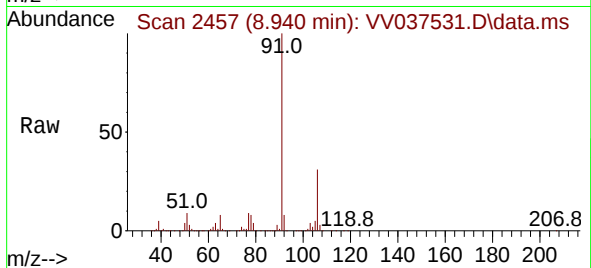
ClientSampleId :

Tgt Ion: 91 Resp: 1132379

Ion Ratio Lower Upper

91 100

106 30.9 21.4 39.8



#53

m,p-Xylene

Concen: 51.210 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037531.D

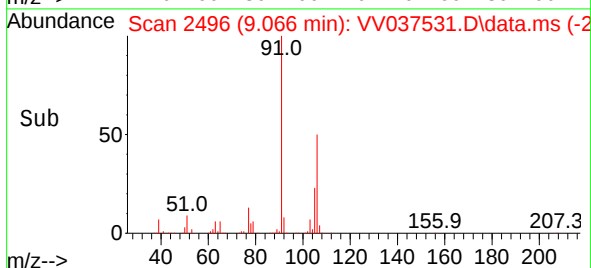
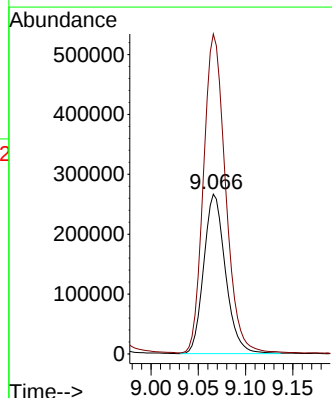
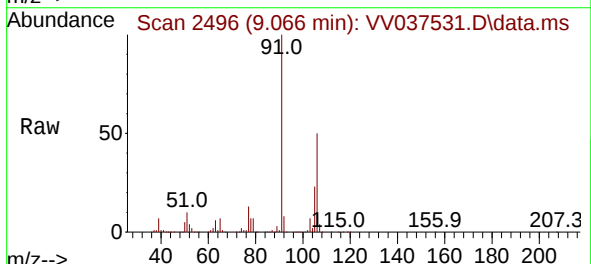
Acq: 25 Sep 2024 17:44

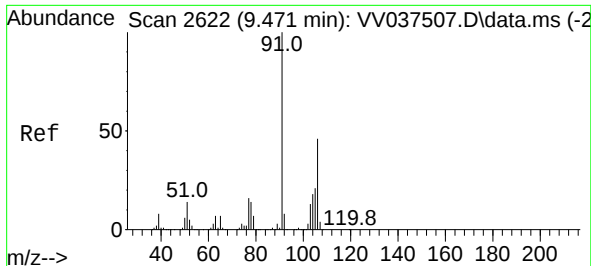
Tgt Ion:106 Resp: 425639

Ion Ratio Lower Upper

106 100

91 200.3 143.0 265.6





#54

o-Xylene

Concen: 51.899 ug/L

RT: 9.471 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

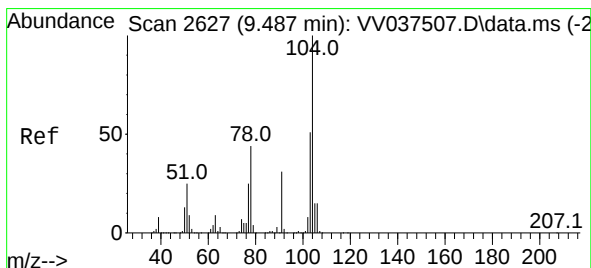
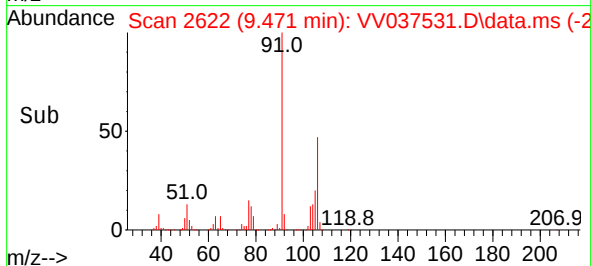
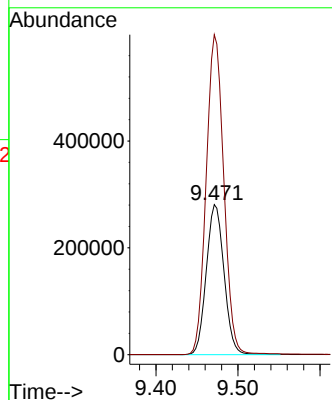
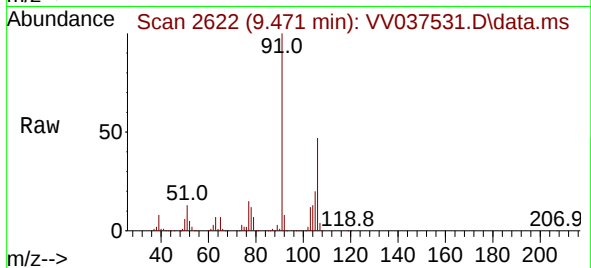
ClientSampleId :

Tgt Ion:106 Resp: 422358

Ion Ratio Lower Upper

106 100

91 213.3 153.2 284.6



#55

Styrene

Concen: 52.848 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.003 min

Lab File: VV037531.D

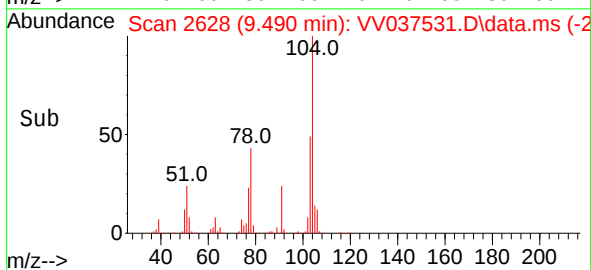
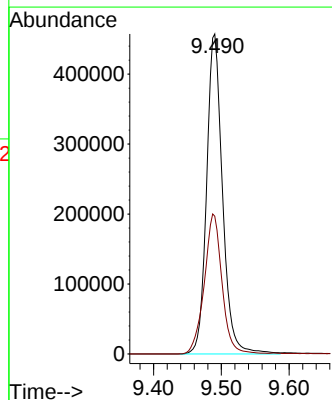
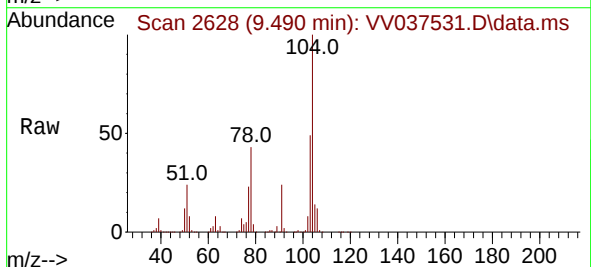
Acq: 25 Sep 2024 17:44

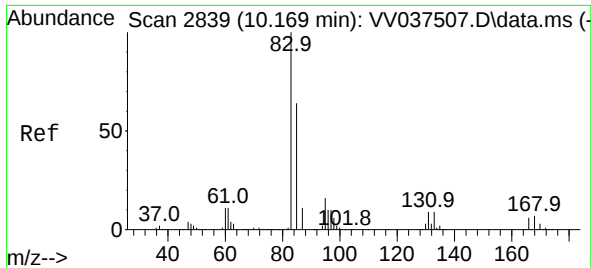
Tgt Ion:104 Resp: 746264

Ion Ratio Lower Upper

104 100

78 43.1 30.9 57.5

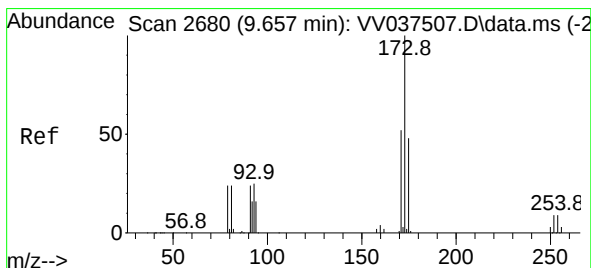
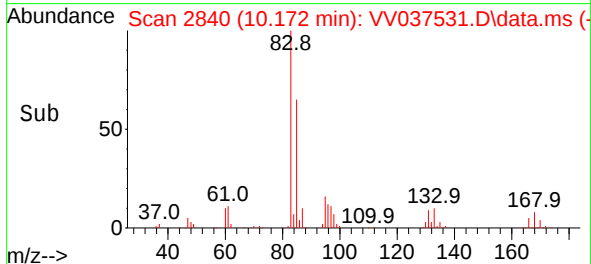
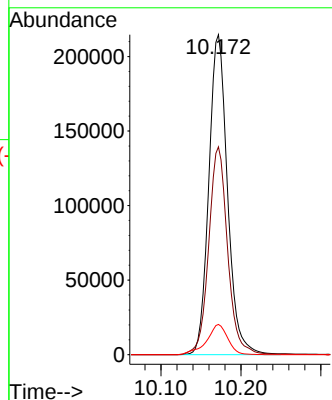
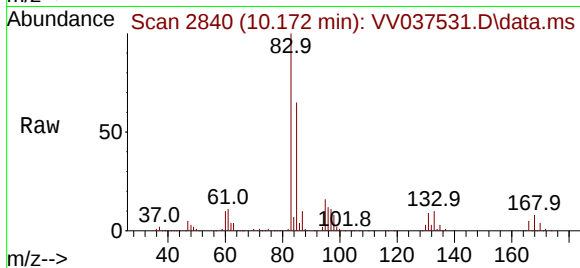




#57
1,1,2,2-Tetrachloroethane
Concen: 49.454 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

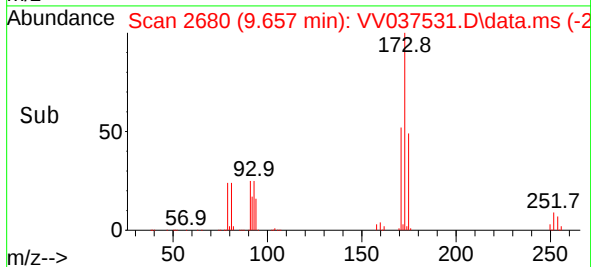
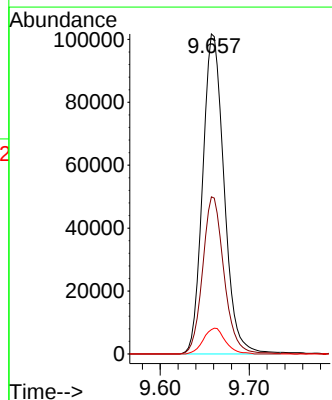
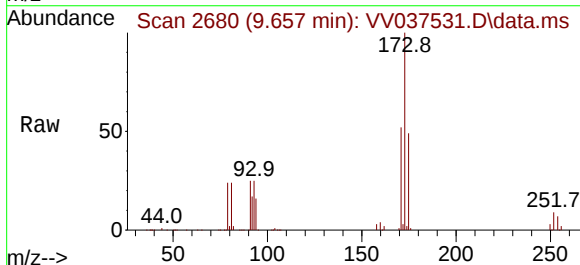
Instrument :
MSVOA_V
ClientSampleId :

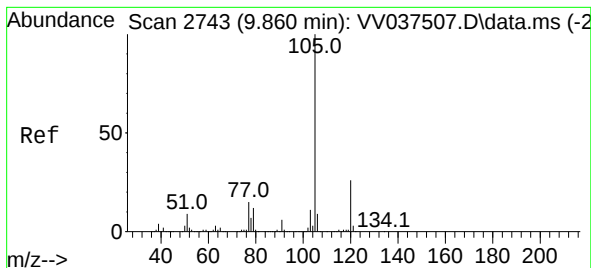
Tgt Ion: 83 Resp: 348671
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
131 9.5 7.4 11.0



#59
Bromoform
Concen: 50.664 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037531.D
Acq: 25 Sep 2024 17:44

Tgt Ion: 173 Resp: 169743
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 8.3 6.8 10.2





#60

Isopropylbenzene

Concen: 48.773 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

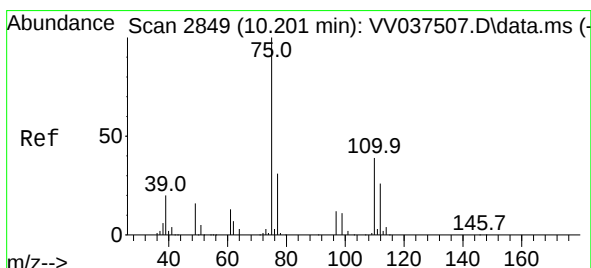
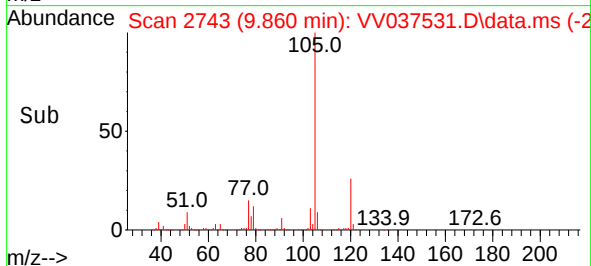
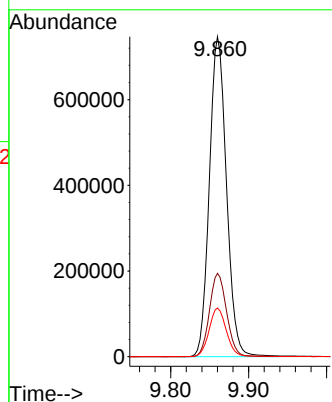
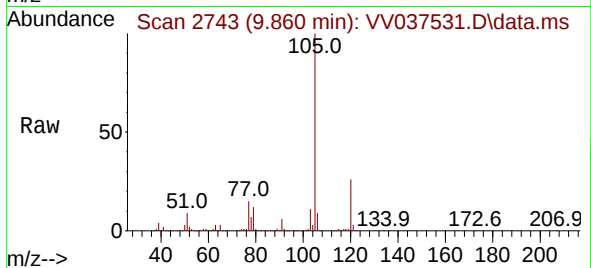
Tgt Ion:105 Resp: 1137628

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 46.355 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

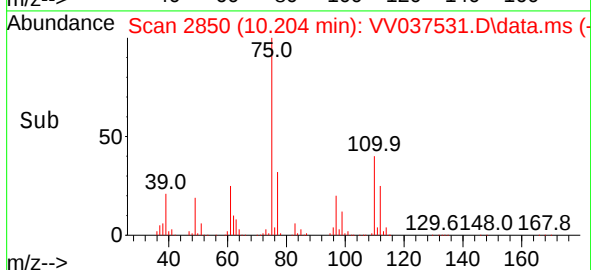
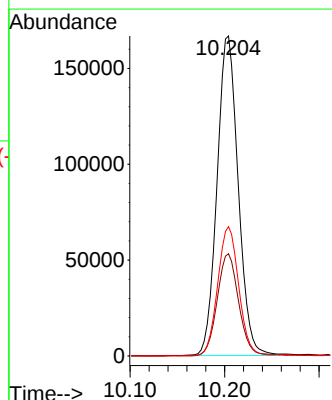
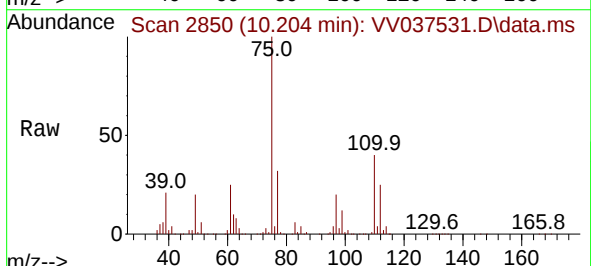
Tgt Ion: 75 Resp: 259450

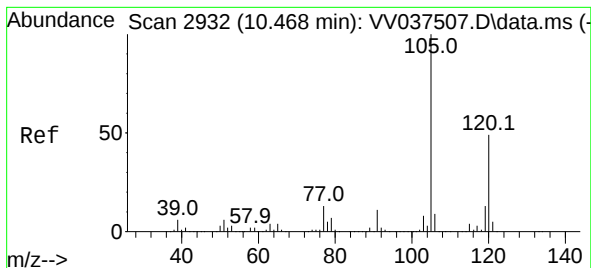
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

110 40.2 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 48.437 ug/L

RT: 10.471 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

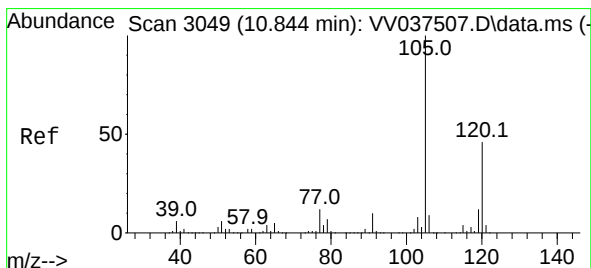
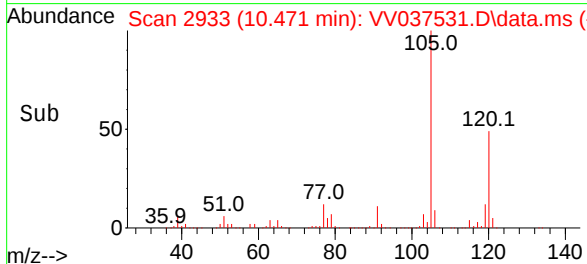
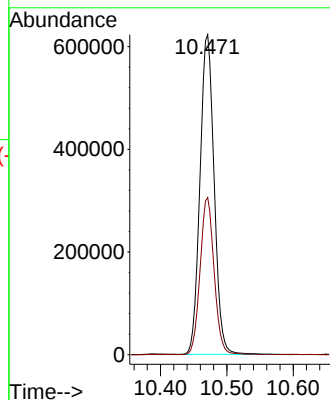
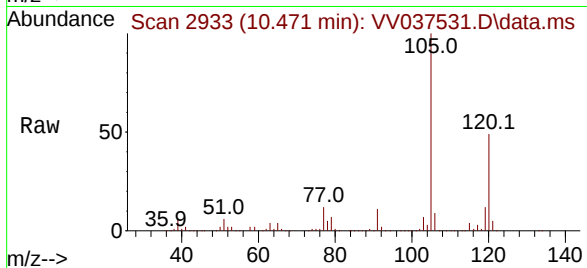
ClientSampleId :

Tgt Ion:105 Resp: 924362

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 48.308 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037531.D

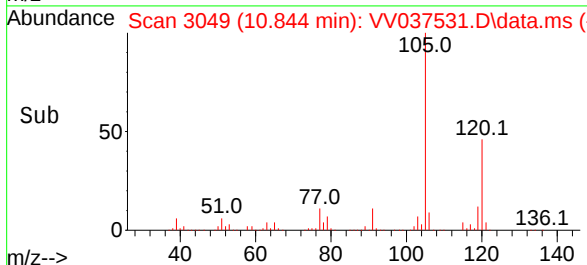
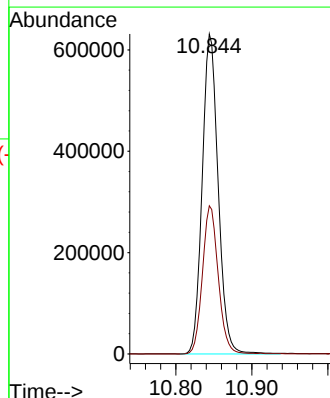
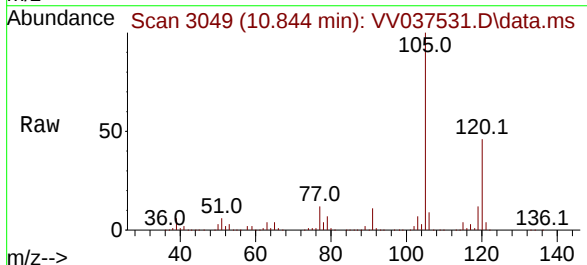
Acq: 25 Sep 2024 17:44

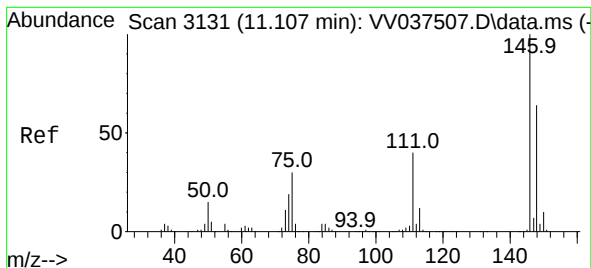
Tgt Ion:105 Resp: 920007

Ion Ratio Lower Upper

105 100

120 45.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 49.838 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

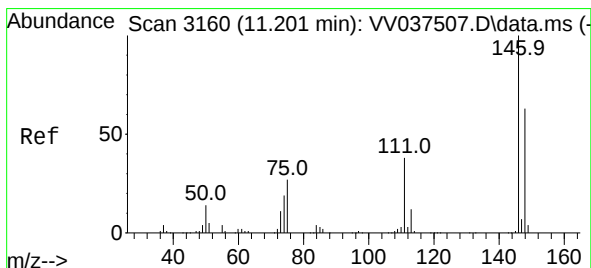
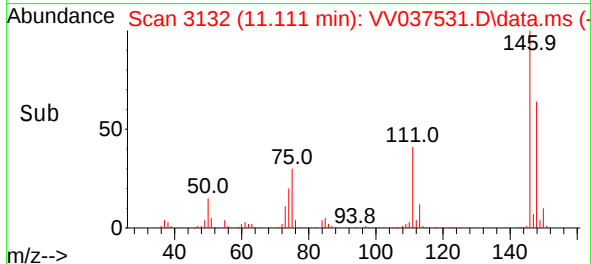
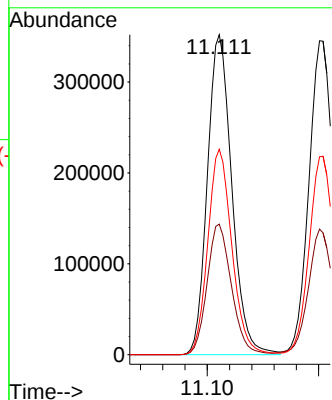
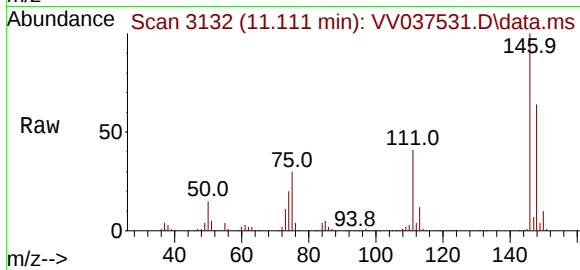
Tgt Ion:146 Resp: 536793

Ion Ratio Lower Upper

146 100

111 40.8 29.7 55.1

148 64.2 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 49.735 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

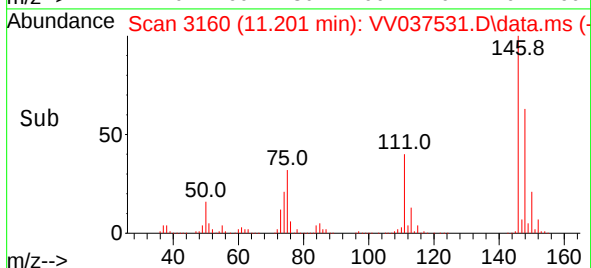
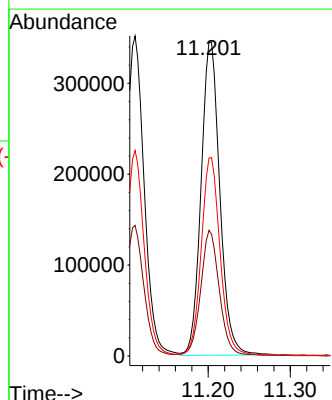
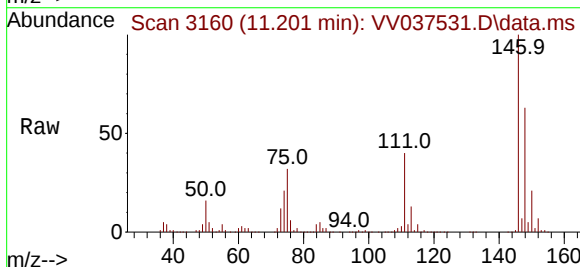
Tgt Ion:146 Resp: 548262

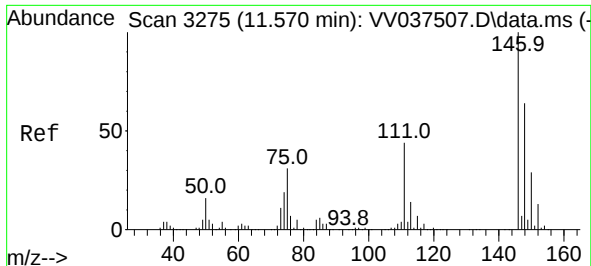
Ion Ratio Lower Upper

146 100

111 40.0 28.1 52.1

148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 49.051 ug/L

RT: 11.571 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

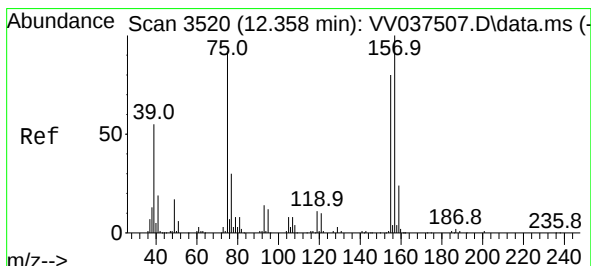
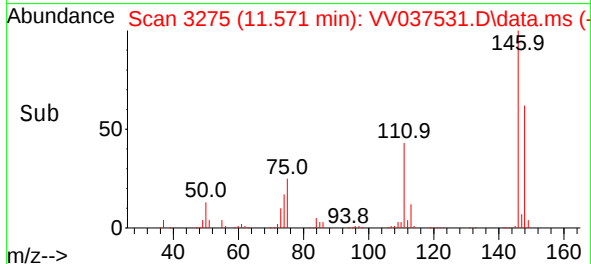
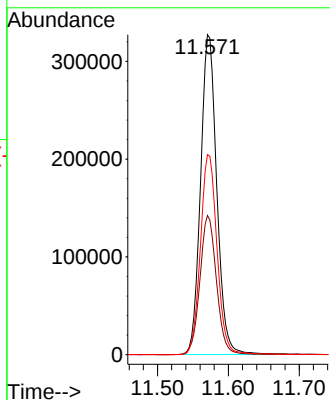
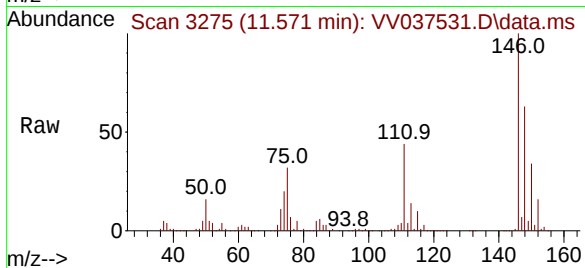
Tgt Ion:146 Resp: 519470

Ion Ratio Lower Upper

146 100

111 43.5 34.6 51.8

148 62.5 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 44.595 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

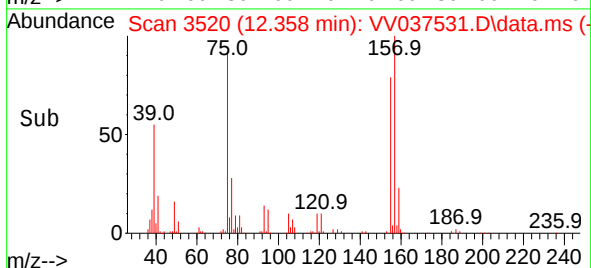
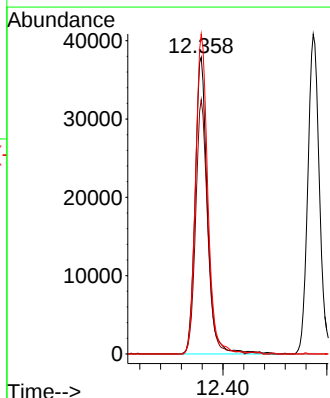
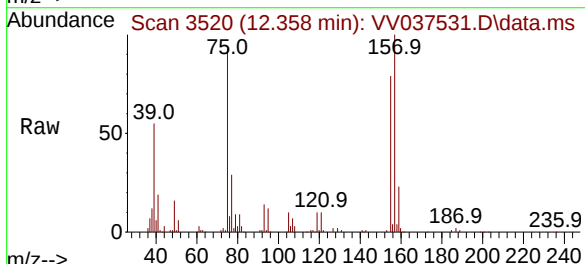
Tgt Ion: 75 Resp: 62247

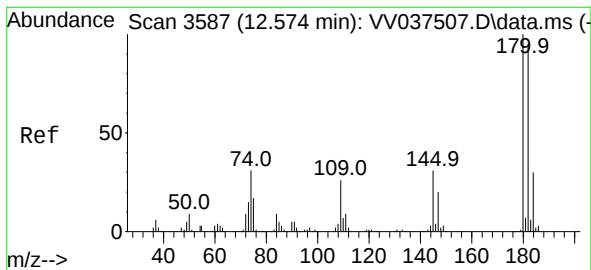
Ion Ratio Lower Upper

75 100

155 85.7 61.8 92.6

157 107.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 48.361 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 362437

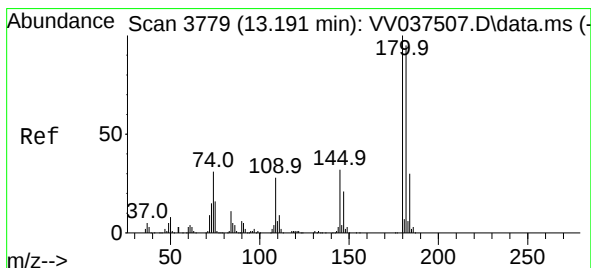
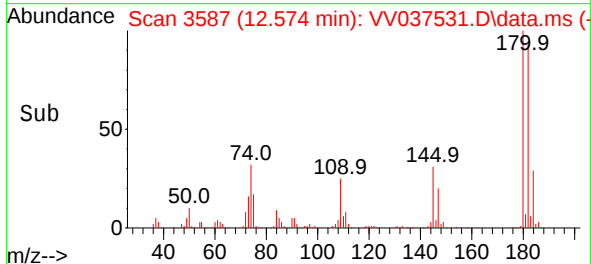
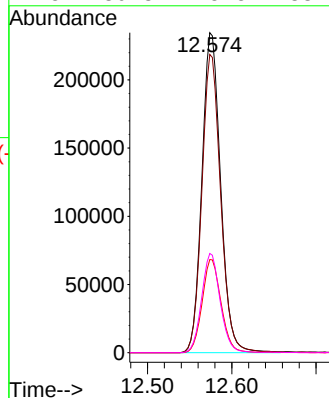
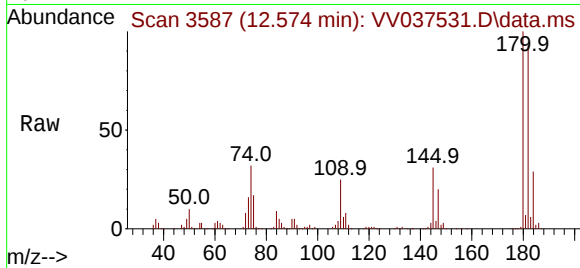
Ion Ratio Lower Upper

180 100

182 93.4 76.7 115.1

184 29.5 24.2 36.2

145 30.8 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 46.850 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

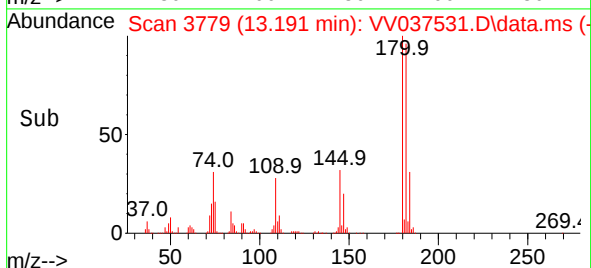
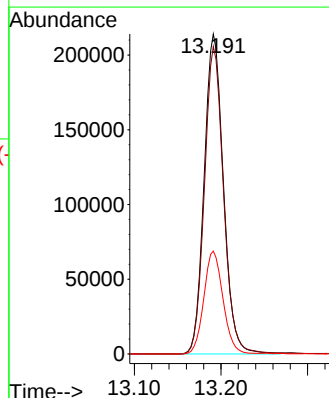
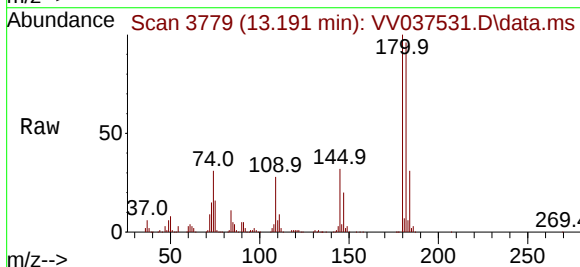
Tgt Ion:180 Resp: 330622

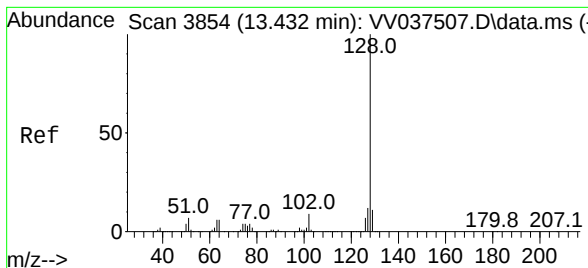
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

145 32.0 26.0 39.0





#71

Naphthalene

Concen: 45.509 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

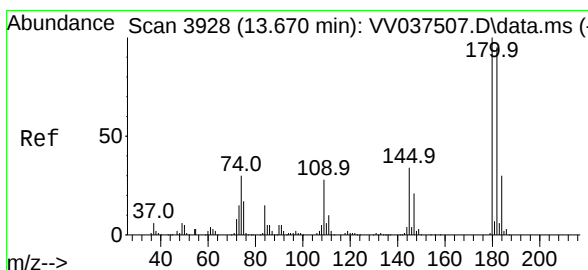
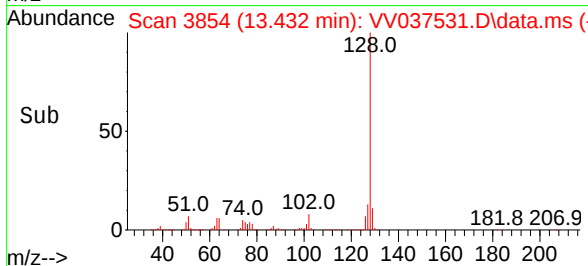
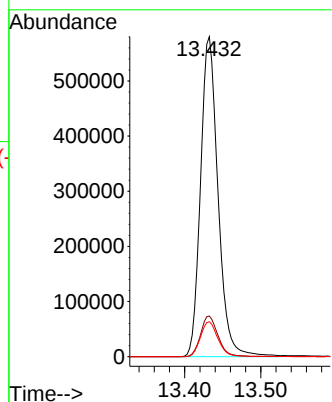
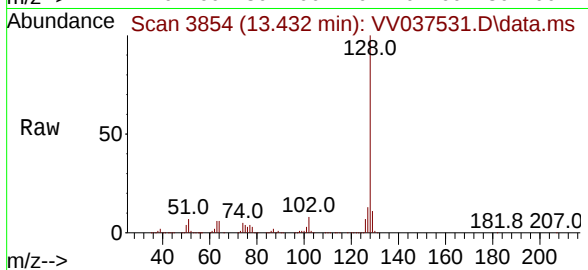
Tgt Ion:128 Resp: 927360

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 48.427 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037531.D

Acq: 25 Sep 2024 17:44

Tgt Ion:180 Resp: 336784

Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 34.1 27.0 40.4

