

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037615.D
 Acq On : 27 Sep 2024 18:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:52:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	645074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	623574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	341071	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213465	37.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.400%
7) Chloroethane-d5	1.532	69	181741	41.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.700%
11) 1,1-Dichloroethene-d2	2.059	65	99050	41.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.740%
21) 2-Butanone-d5	3.789	46	200949	99.630	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.630%
24) Chloroform-d	4.243	84	492304	48.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
26) 1,2-Dichloroethane-d4	4.937	65	291819	49.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	4.953	84	925828	47.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
36) 1,2-Dichloropropane-d6	5.982	67	301207	48.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.236	98	864499	48.859	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	7.548	79	141861	49.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.300%
47) 2-Hexanone-d5	8.021	63	147101	112.117	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.120%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	381512	52.844	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.680%
66) 1,2-Dichlorobenzene-d4	11.554	152	351848	48.956	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	278779	50.765	ug/L	100
3) Chloromethane	1.217	50	270996	50.830	ug/L	99
5) Vinyl chloride	1.285	62	290909	50.897	ug/L	99
6) Bromomethane	1.487	94	163092	51.417	ug/L	100
8) Chloroethane	1.548	64	179514	50.956	ug/L	98
9) Trichlorofluoromethane	1.712	101	399222	51.890	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	231463	50.346	ug/L	99
12) 1,1-Dichloroethene	2.069	96	220490	51.341	ug/L	82
13) Acetone	2.111	43	142455	72.048	ug/L	99
14) Carbon disulfide	2.240	76	656827	48.998	ug/L	100
15) Methyl Acetate	2.371	43	188932	54.754	ug/L	99
16) Methylene chloride	2.442	84	245885	50.566	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	230435	50.720	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	696491	53.434	ug/L	99
19) 1,1-Dichloroethane	3.104	63	445719	51.204	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	264097	51.945	ug/L	99
22) 2-Butanone	3.876	43	202264	92.422	ug/L	99
23) Bromochloromethane	4.140	128	135706	51.601	ug/L	97
25) Chloroform	4.272	83	460308	51.074	ug/L	100

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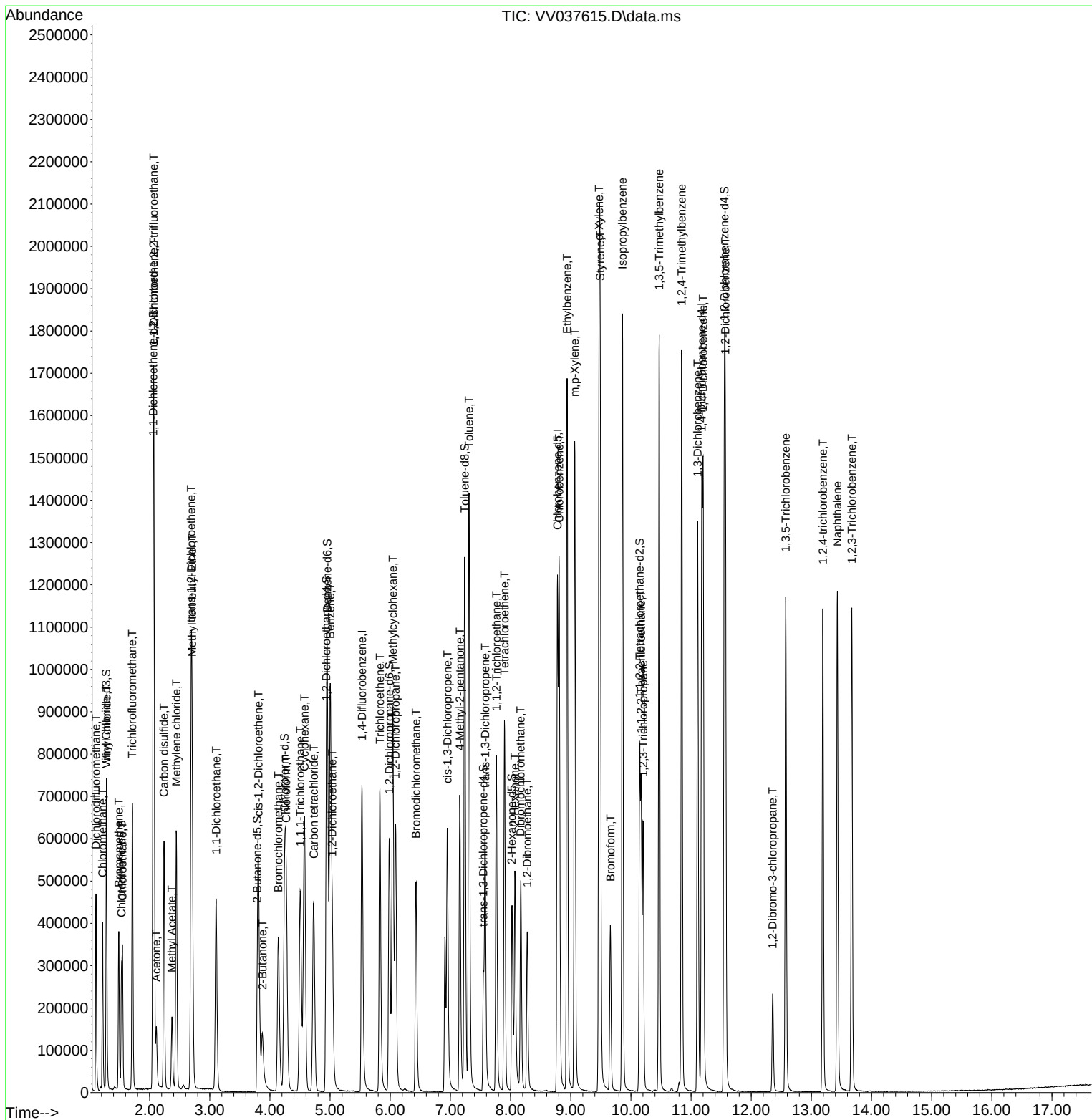
Instrument :
 MSVOA_V
 ClientSampleId :

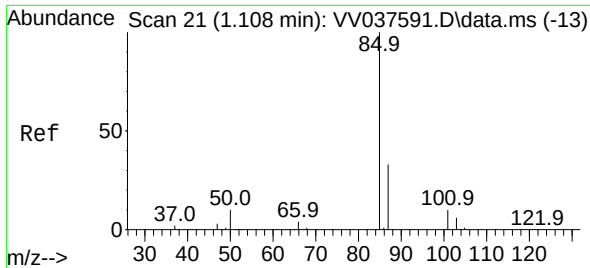
Quant Time: Sep 27 23:52:37 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	328953	51.702	ug/L	100
29) Cyclohexane	4.574	56	358507	50.636	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	402104	52.356	ug/L	100
31) Carbon tetrachloride	4.728	117	349932	52.407	ug/L	100
33) Benzene	5.002	78	984746	52.362	ug/L	100
34) Trichloroethene	5.828	95	253252	50.566	ug/L	98
35) Methylcyclohexane	6.043	83	388443	50.416	ug/L	100
37) 1,2-Dichloropropane	6.088	63	255565	52.625	ug/L	99
38) Bromodichloromethane	6.426	83	335848	51.734	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	393333	50.739	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	446766	112.989	ug/L	100
42) Toluene	7.310	91	1049395	53.825	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	365152	52.320	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	249877	53.587	ug/L	99
46) Tetrachloroethene	7.899	164	192650	50.311	ug/L	97
48) 2-Hexanone	8.072	43	324958	105.691	ug/L	99
49) Dibromochloromethane	8.169	129	260447	52.773	ug/L	98
50) 1,2-Dibromoethane	8.278	107	251812	52.241	ug/L	100
51) Chlorobenzene	8.808	112	687769	51.779	ug/L	99
52) Ethylbenzene	8.940	91	1162533	52.972	ug/L	99
53) m,p-Xylene	9.066	106	445537	54.549	ug/L	99
54) o-Xylene	9.471	106	428416	53.727	ug/L	95
55) Styrene	9.490	104	765968	55.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	350298	53.881	ug/L	99
59) Bromoform	9.660	173	176540	52.959	ug/L	96
60) Isopropylbenzene	9.860	105	1162935	52.445	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	255034	52.549	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	925488	52.791	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	927864	53.194	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	543778	50.948	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	564664	50.807	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	540770	51.252	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	60592	51.431	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	353316	48.137	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	330908	48.593	ug/L	99
71) Naphthalene	13.432	128	934597	52.529	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	336280	50.005	ug/L	99

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

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Response via : Initial Calibration

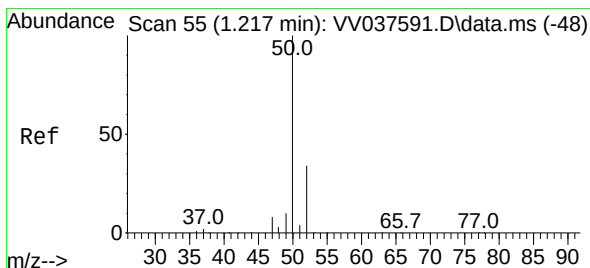
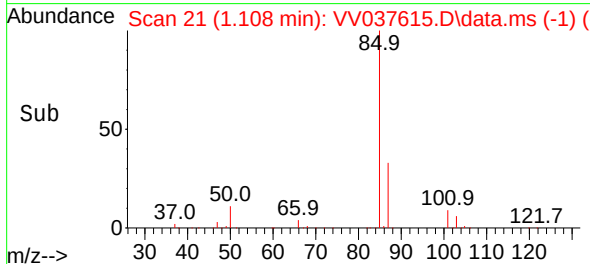
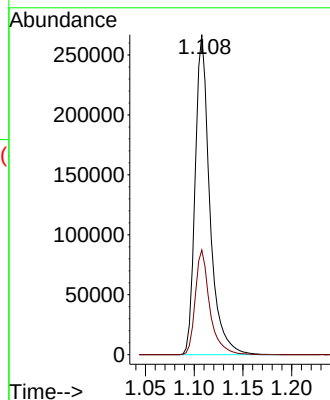
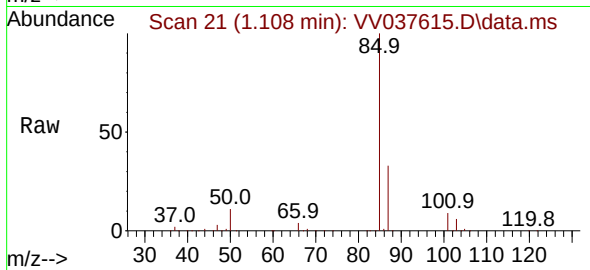




#2
 Dichlorodifluoromethane
 Concen: 50.765 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037615.D
 Acq: 27 Sep 2024 18:51

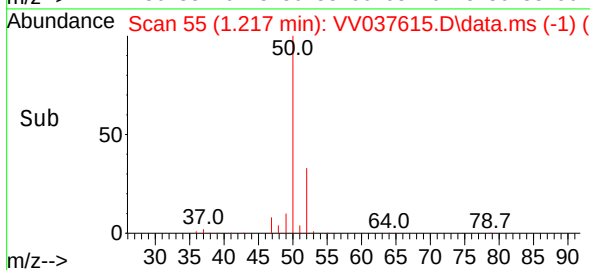
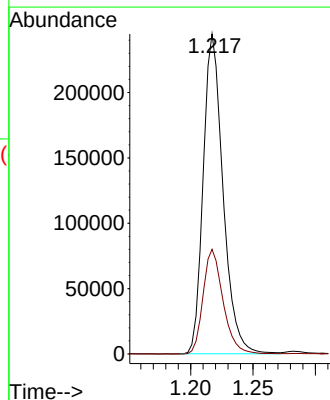
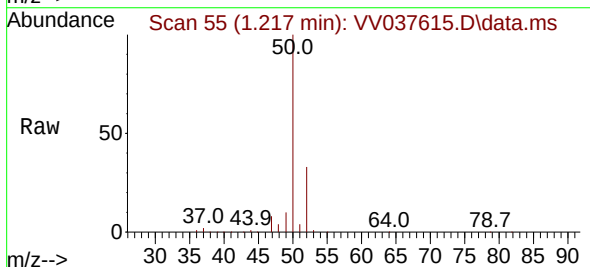
Instrument :
 MSVOA_V
 ClientSampleId :

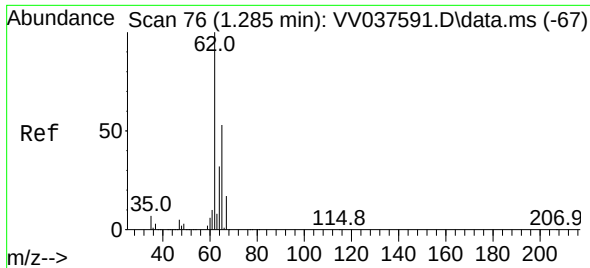
Tgt Ion: 85 Resp: 278779
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 50.830 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037615.D
 Acq: 27 Sep 2024 18:51

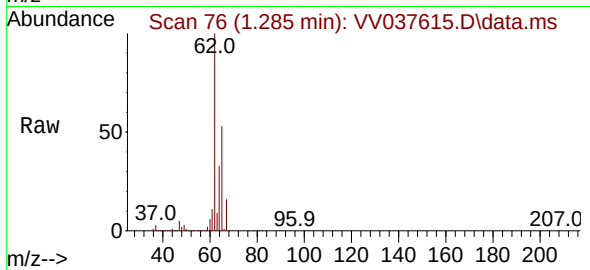
Tgt Ion: 50 Resp: 270996
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2



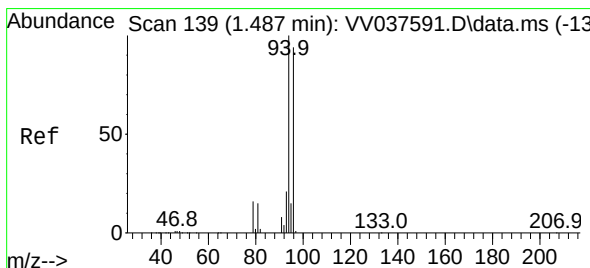
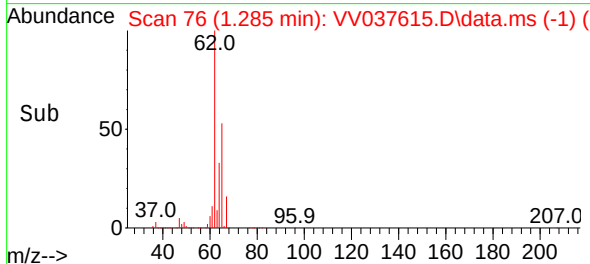
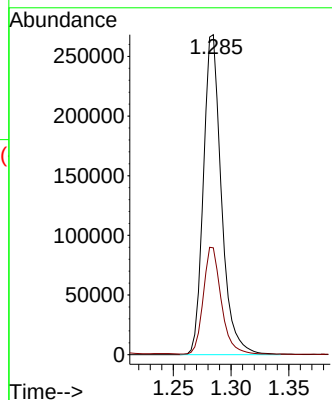


#5
 Vinyl chloride
 Concen: 50.897 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037615.D
 Acq: 27 Sep 2024 18:51

Instrument :
 MSVOA_V
 ClientSampleId :

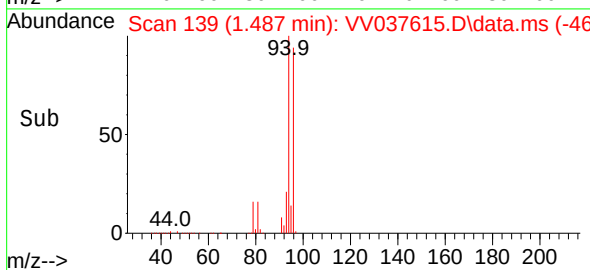
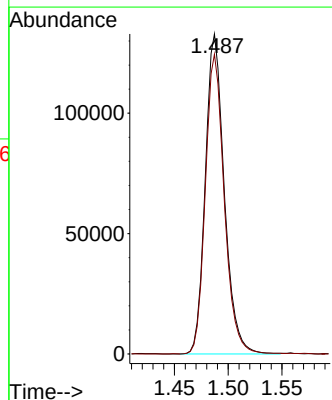
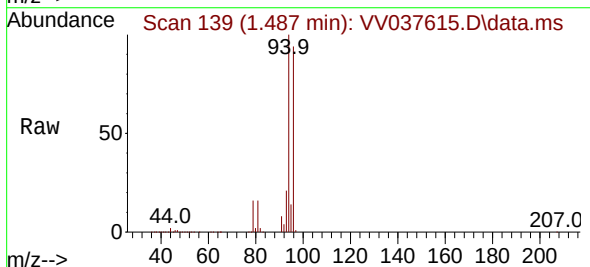


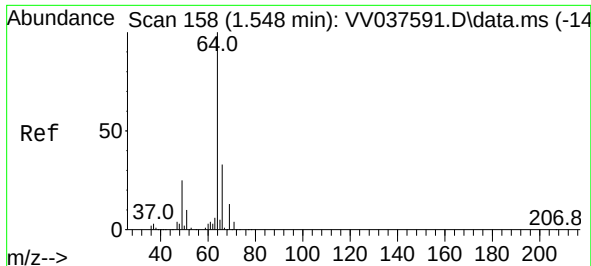
Tgt Ion: 62 Resp: 290909
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 51.417 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037615.D
 Acq: 27 Sep 2024 18:51

Tgt Ion: 94 Resp: 163092
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.8 122.2

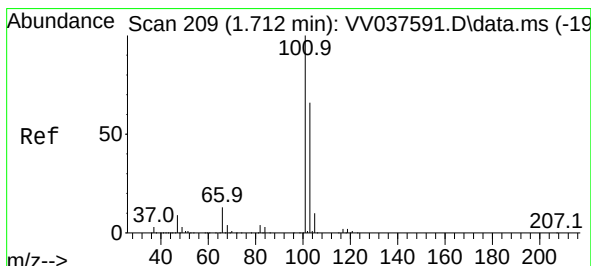
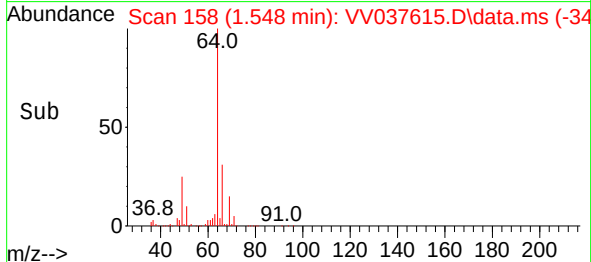
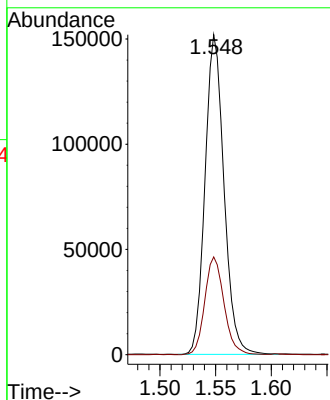
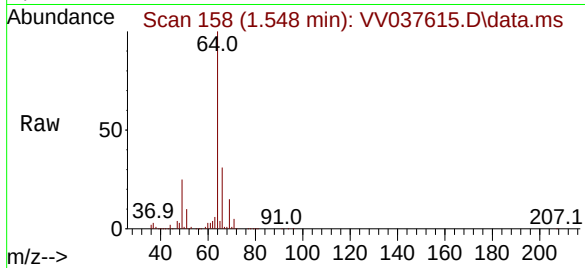




#8
Chloroethane
Concen: 50.956 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

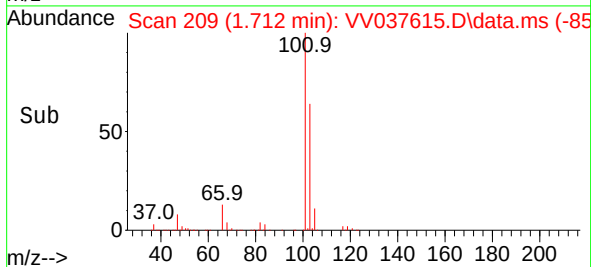
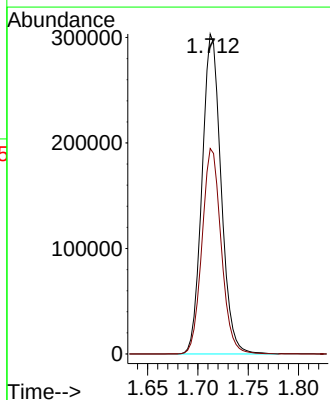
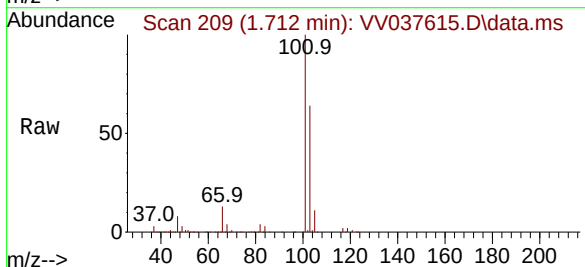
Instrument :
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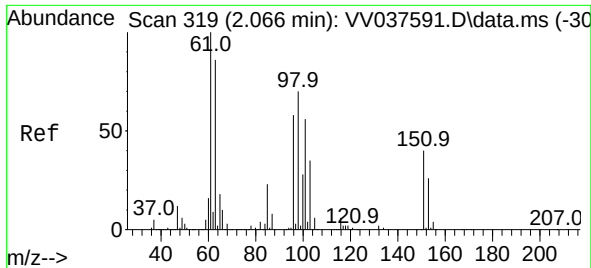
Tgt Ion: 64 Resp: 179514
Ion Ratio Lower Upper
64 100
66 30.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.890 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion:101 Resp: 399222
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

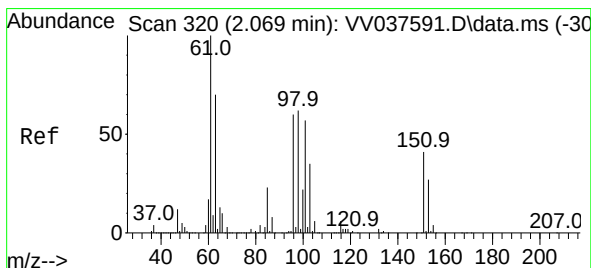
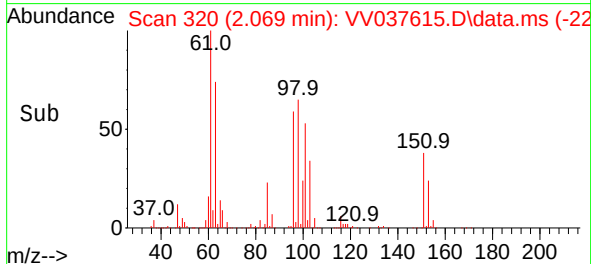
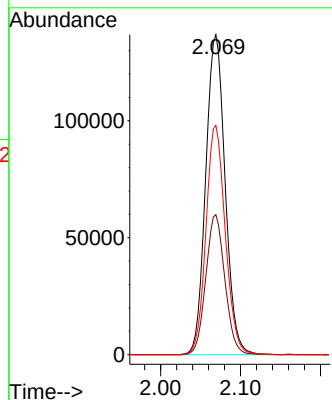
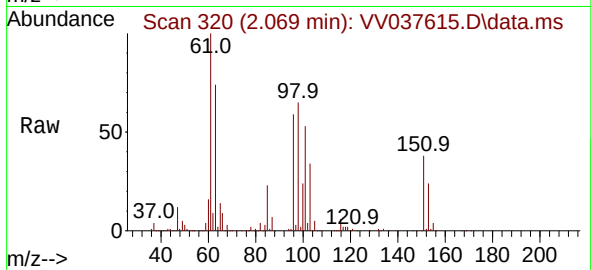




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.346 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

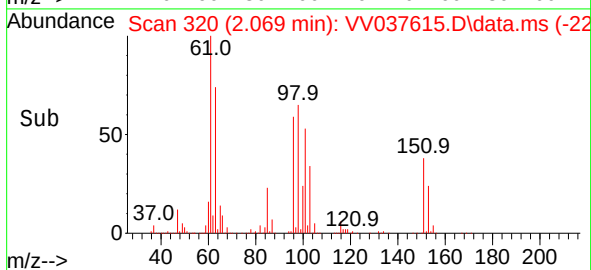
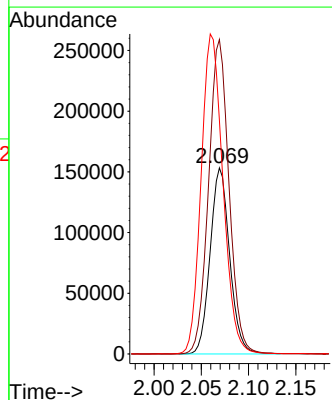
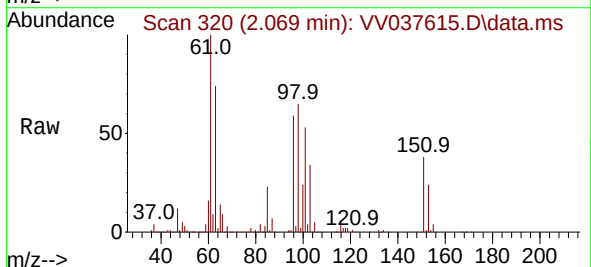
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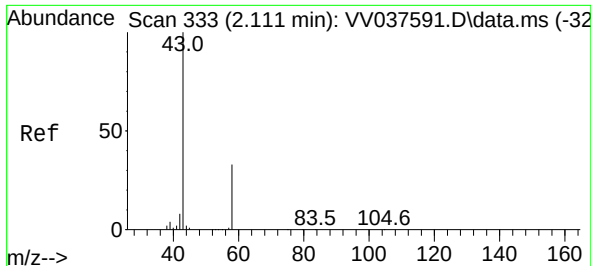
Tgt Ion:101 Resp: 231463
Ion Ratio Lower Upper
101 100
85 42.9 34.6 52.0
151 71.4 57.5 86.3



#12
1,1-Dichloroethene
Concen: 51.341 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion: 96 Resp: 220490
Ion Ratio Lower Upper
96 100
61 168.9 122.6 227.6
63 125.6 118.0 219.2





#13

Acetone

Concen: 72.048 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

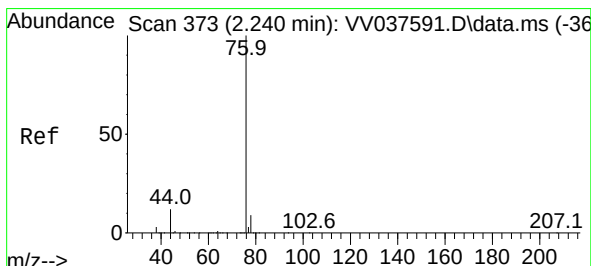
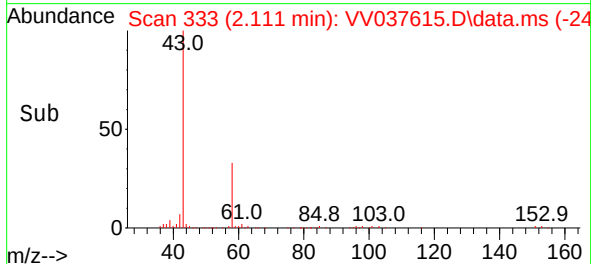
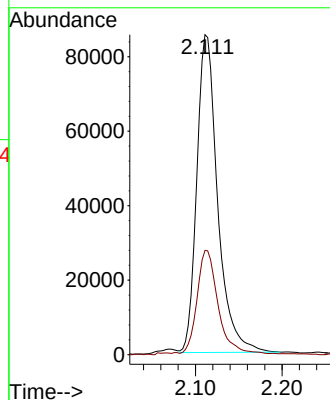
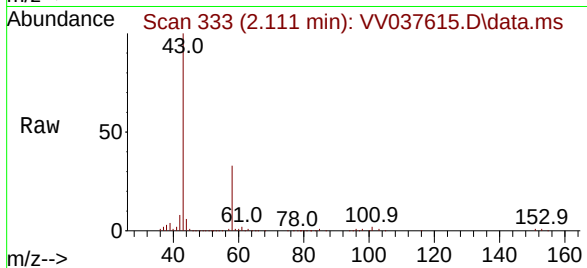
ClientSampleId :

Tgt Ion: 43 Resp: 142455

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.6



#14

Carbon disulfide

Concen: 48.998 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037615.D

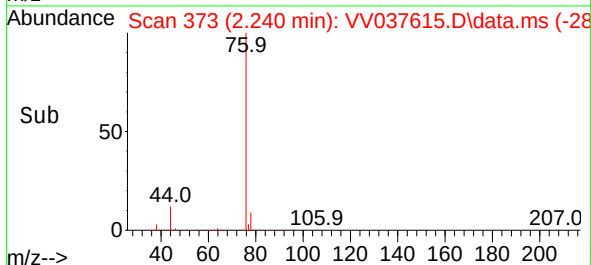
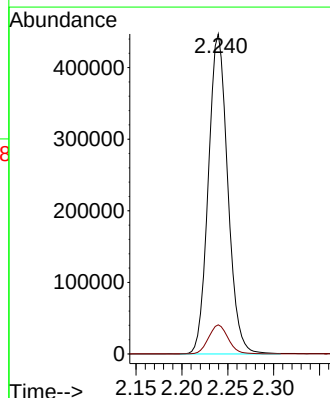
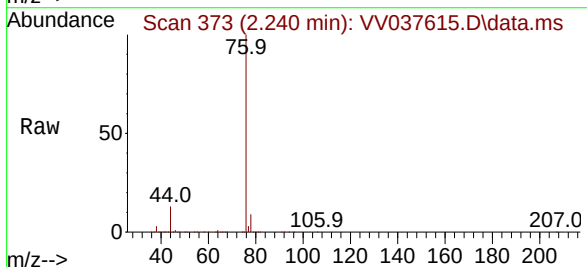
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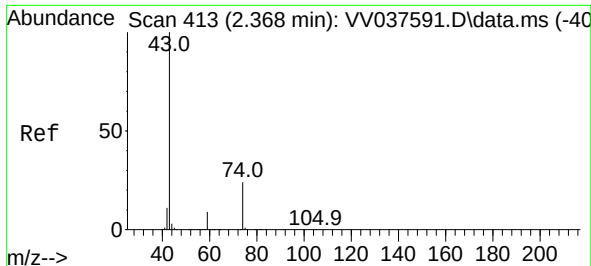
Tgt Ion: 76 Resp: 656827

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 54.754 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

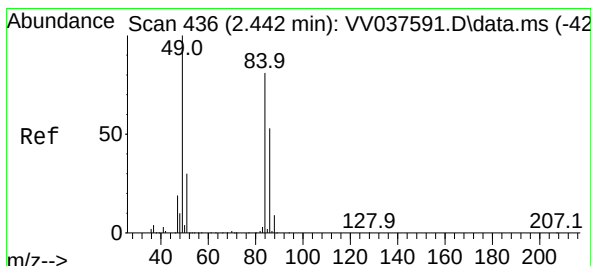
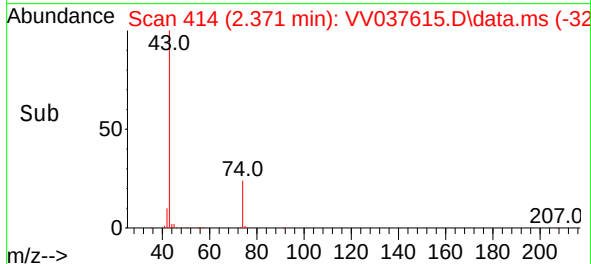
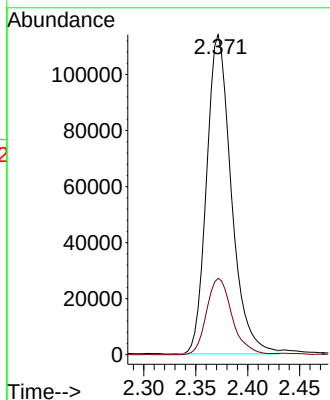
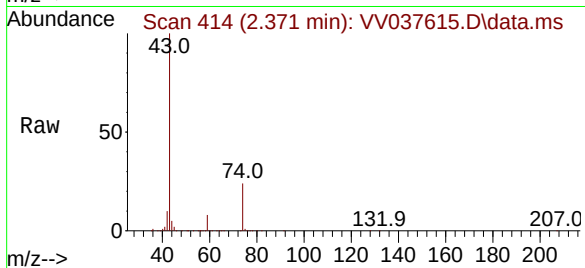
ClientSampleId :

Tgt Ion: 43 Resp: 188932

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.0



#16

Methylene chloride

Concen: 50.566 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

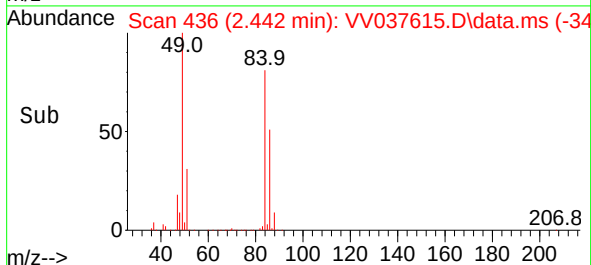
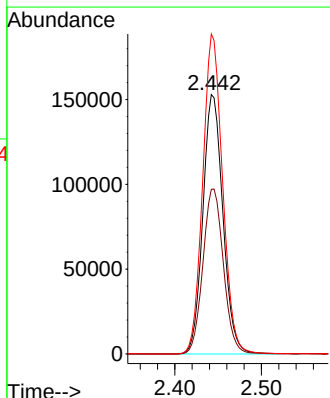
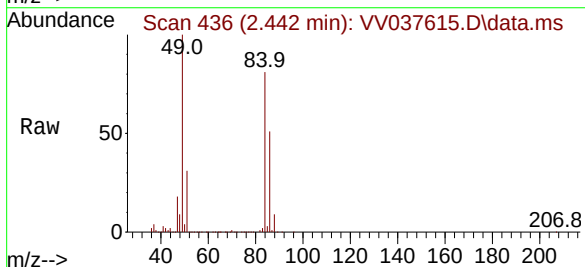
Tgt Ion: 84 Resp: 245885

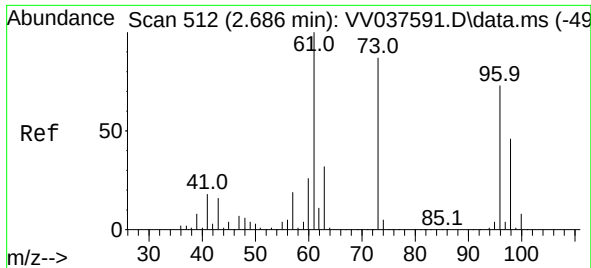
Ion Ratio Lower Upper

84 100

86 63.5 46.4 86.2

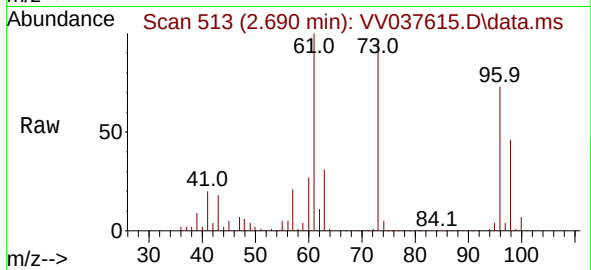
49 123.4 85.9 159.5





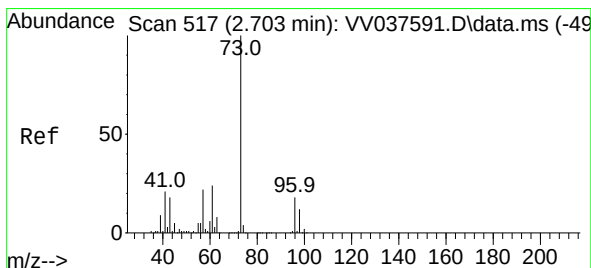
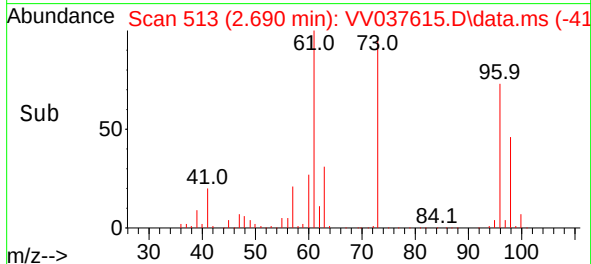
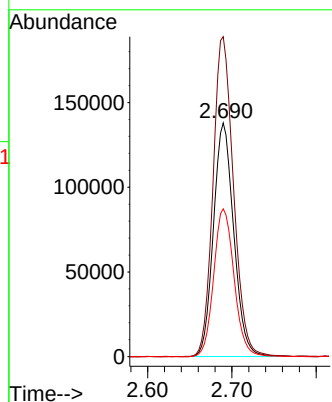
#17
trans-1,2-Dichloroethene
Concen: 50.720 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 230435

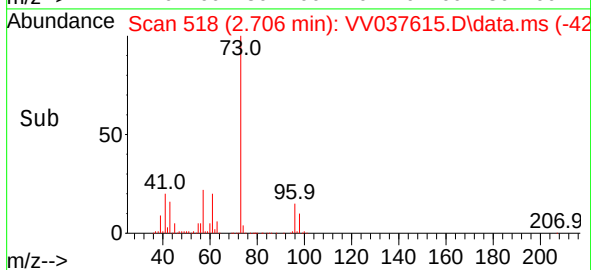
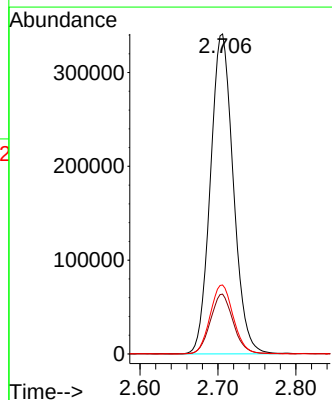
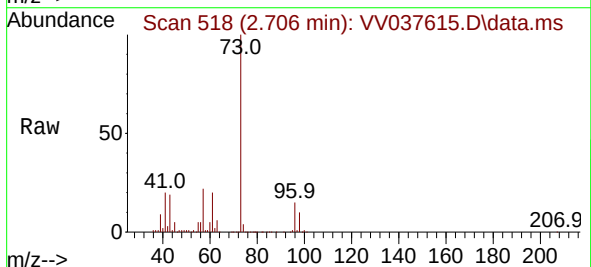
Ion	Ratio	Lower	Upper
96	100		
61	136.9	97.3	180.7
98	63.3	43.9	81.5

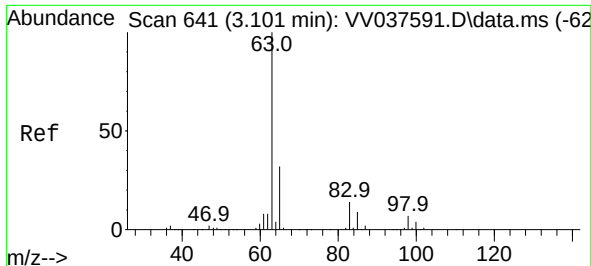


#18
Methyl tert-butyl Ether
Concen: 53.434 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion: 73 Resp: 696491

Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.1	22.7
57	21.9	17.4	26.2

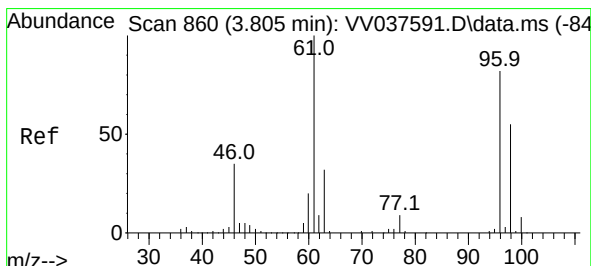
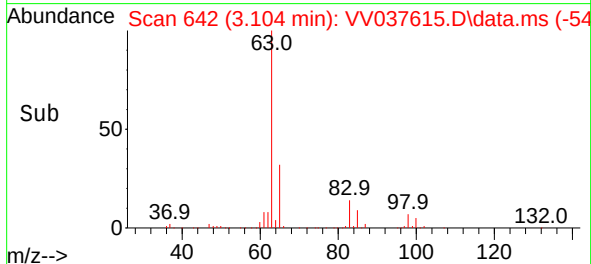
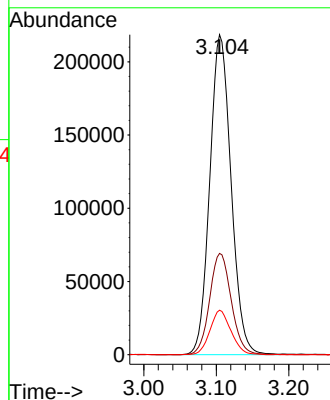
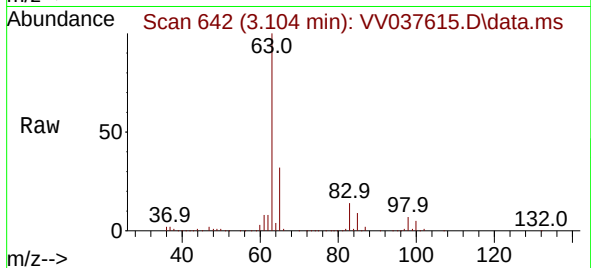




#19
1,1-Dichloroethane
Concen: 51.204 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

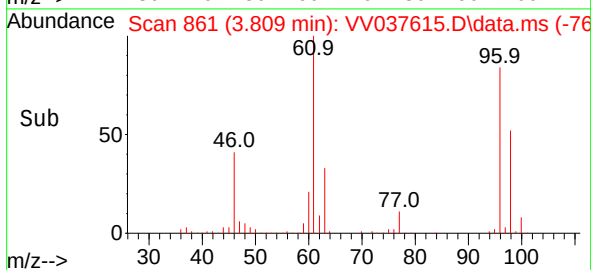
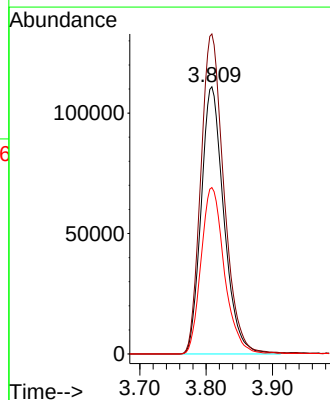
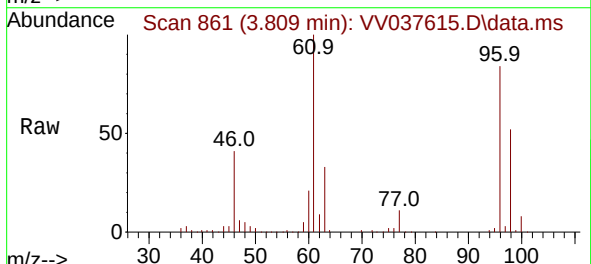
Instrument :
MSVOA_V
ClientSampleId :

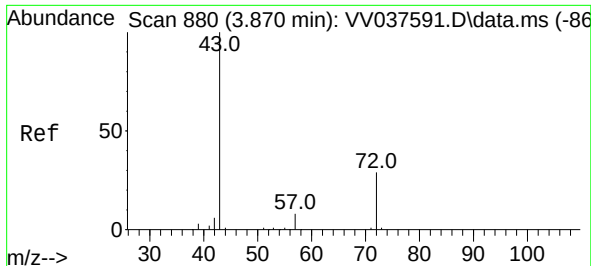
Tgt Ion: 63 Resp: 445719
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.945 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion: 96 Resp: 264097
Ion Ratio Lower Upper
96 100
61 119.7 85.0 157.8
98 62.3 44.2 82.0





#22

2-Butanone

Concen: 92.422 ug/L

RT: 3.876 min Scan# 880

Delta R.T. 0.006 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

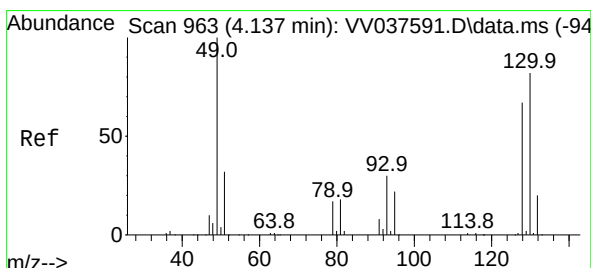
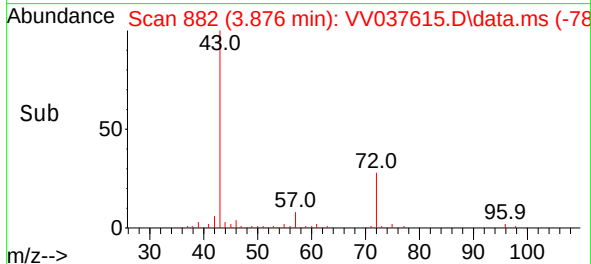
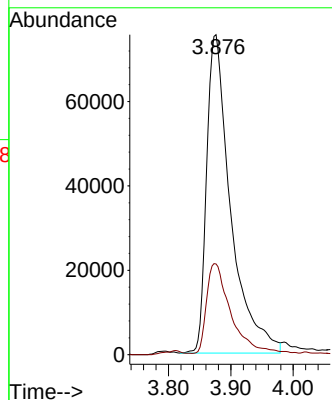
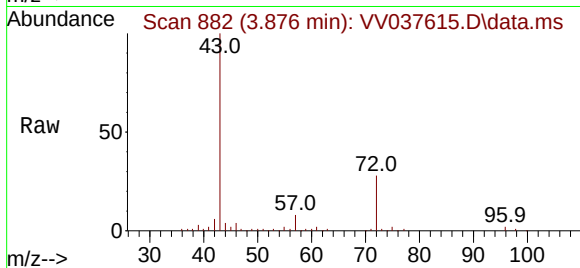
ClientSampleId :

Tgt Ion: 43 Resp: 202264

Ion Ratio Lower Upper

43 100

72 28.2 14.3 42.9



#23

Bromochloromethane

Concen: 51.601 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Tgt Ion:128 Resp: 135706

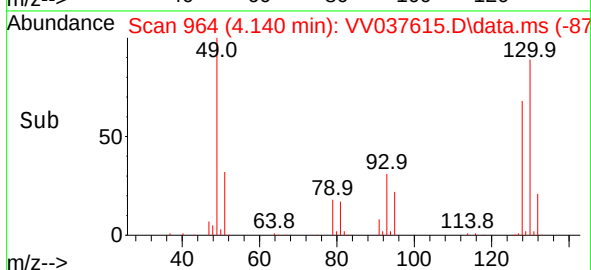
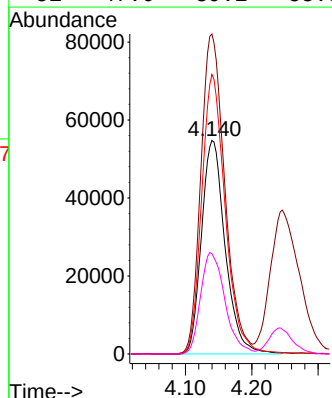
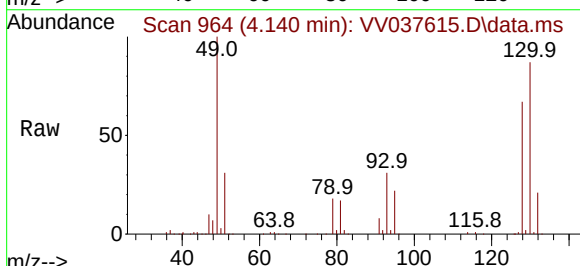
Ion Ratio Lower Upper

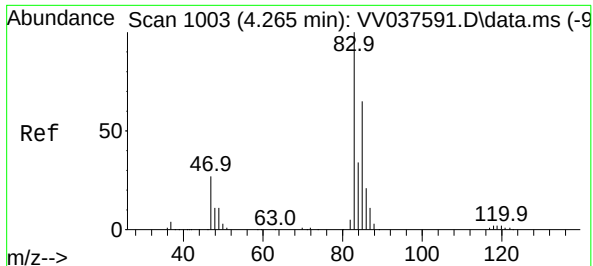
128 100

49 149.9 108.7 201.9

130 131.0 90.4 168.0

51 47.0 39.2 58.8





#25

Chloroform

Concen: 51.074 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

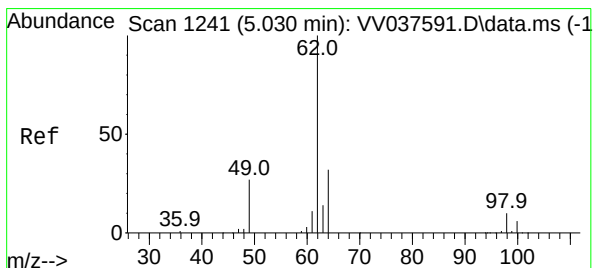
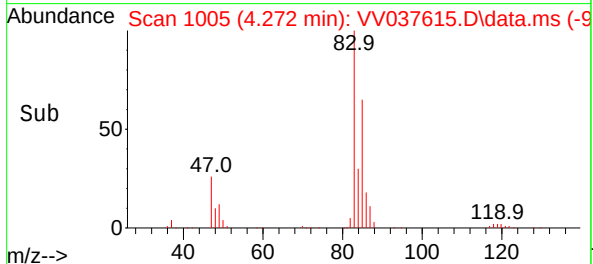
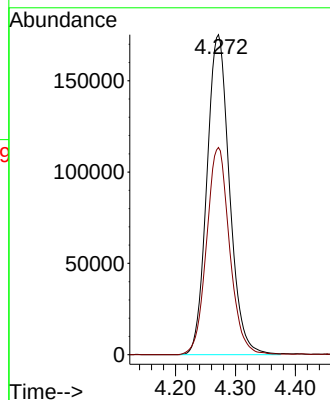
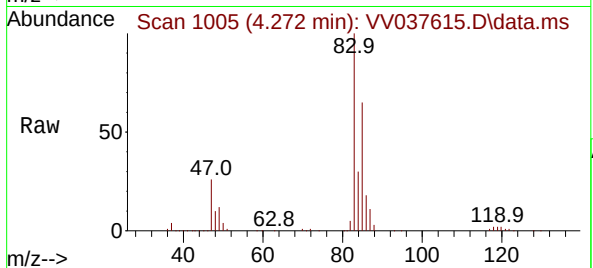
ClientSampleId :

Tgt Ion: 83 Resp: 460308

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.702 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VV037615.D

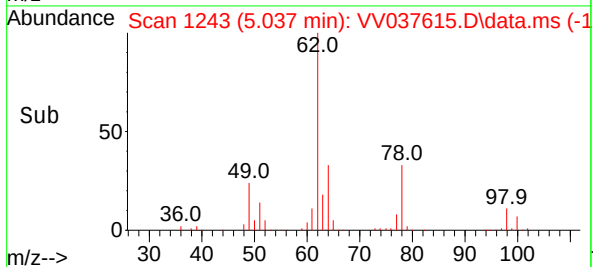
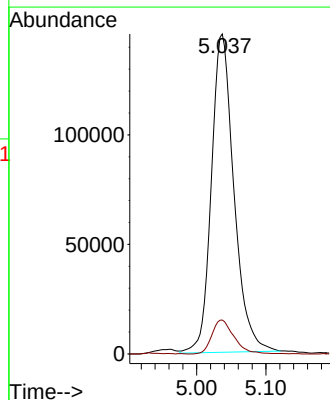
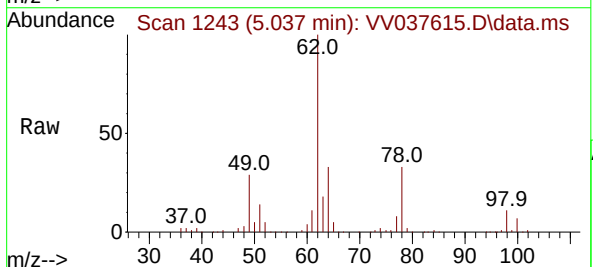
Acq: 27 Sep 2024 18:51

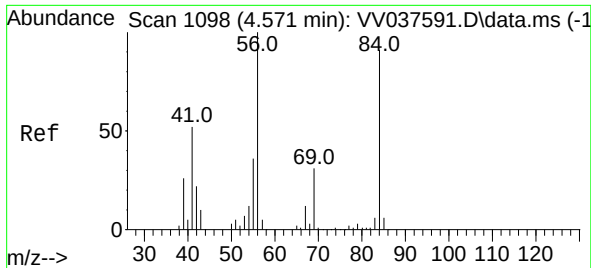
Tgt Ion: 62 Resp: 328953

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6





#29

Cyclohexane

Concen: 50.636 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

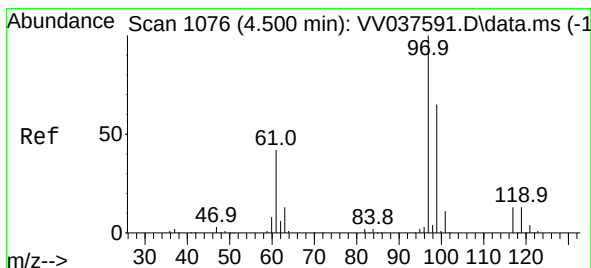
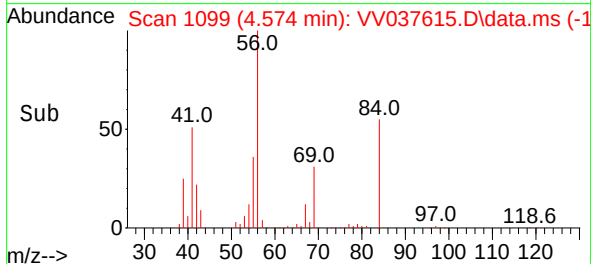
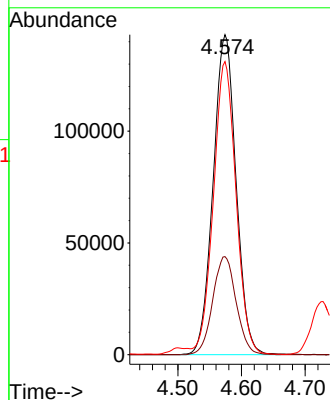
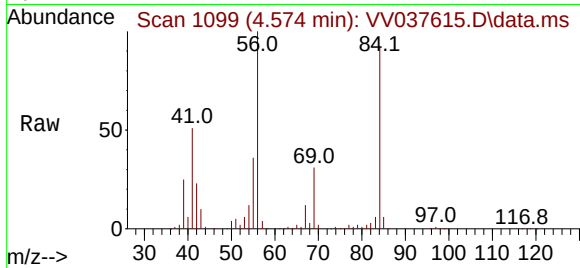
Tgt Ion: 56 Resp: 358507

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 90.3 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 52.356 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

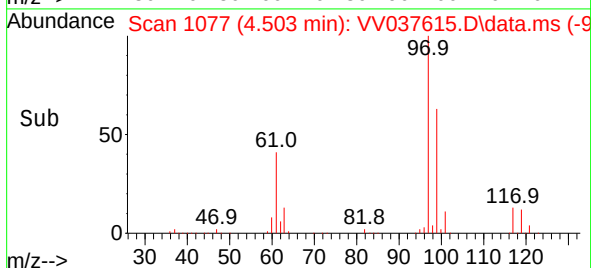
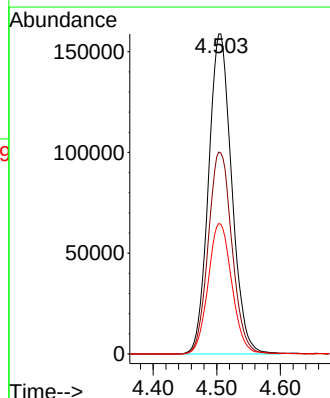
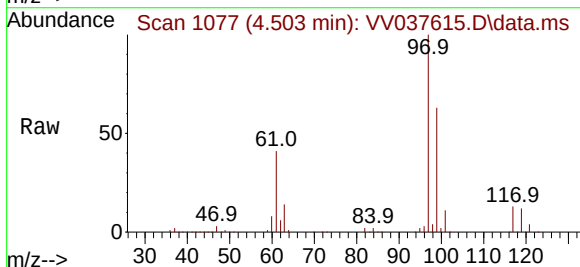
Tgt Ion: 97 Resp: 402104

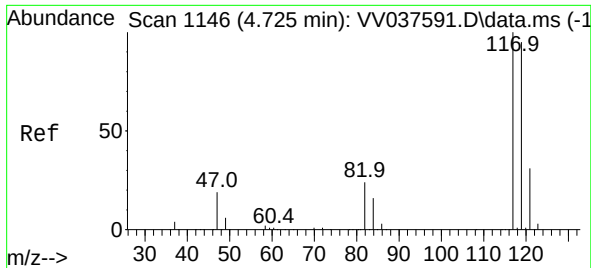
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 41.8 33.6 50.4

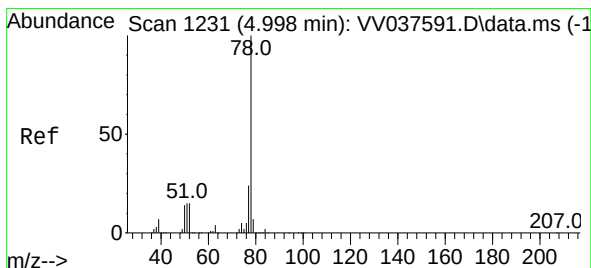
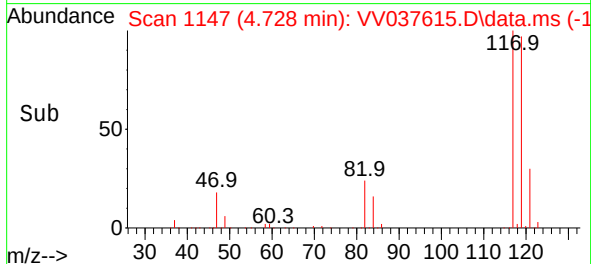
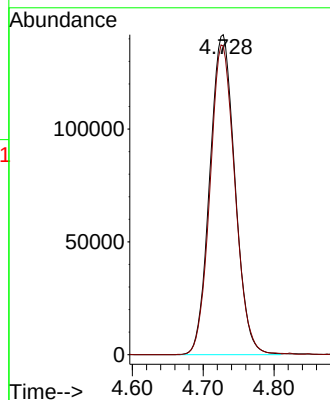
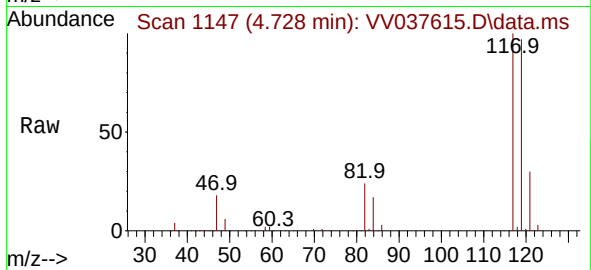




#31
Carbon tetrachloride
Concen: 52.407 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

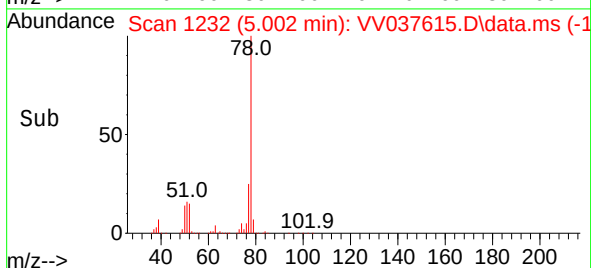
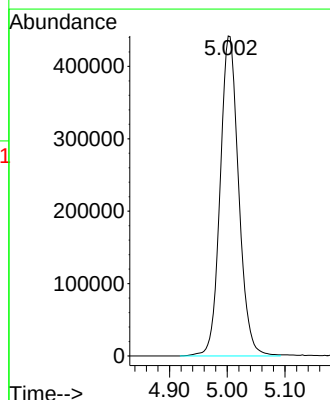
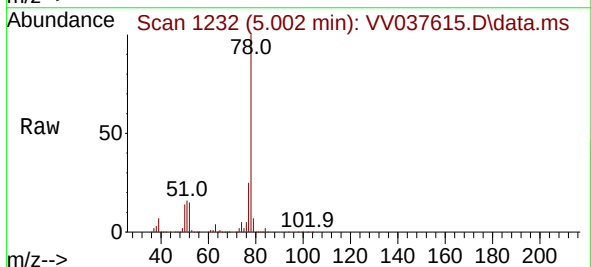
Instrument :
MSVOA_V
ClientSampleId :

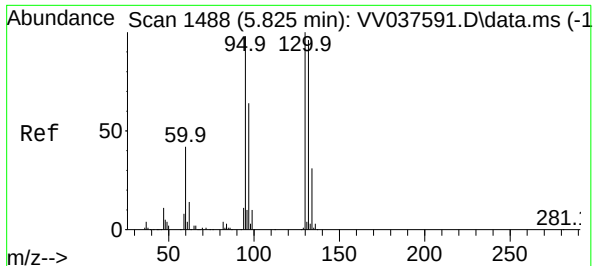
Tgt Ion:117 Resp: 349932
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 52.362 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion: 78 Resp: 984746





#34

Trichloroethene

Concen: 50.566 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 253252

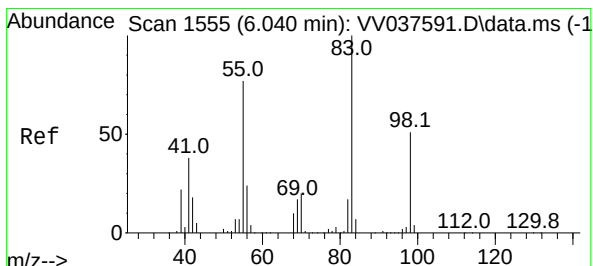
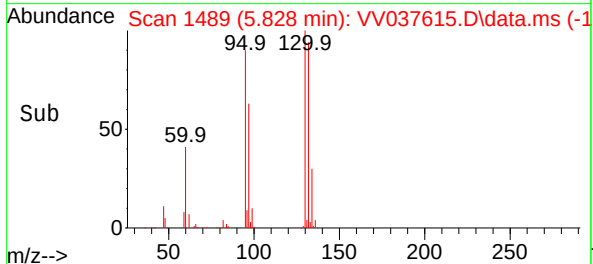
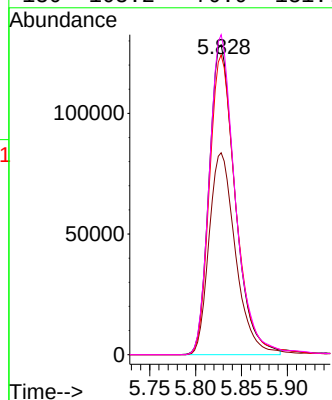
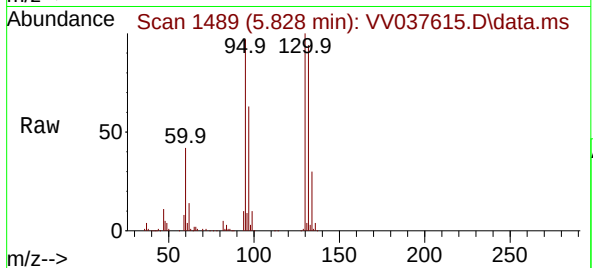
Ion Ratio Lower Upper

95 100

97 65.1 46.3 85.9

132 96.7 68.6 127.4

130 103.2 70.9 131.7



#35

Methylcyclohexane

Concen: 50.416 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

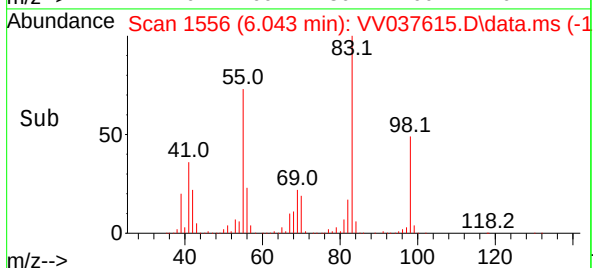
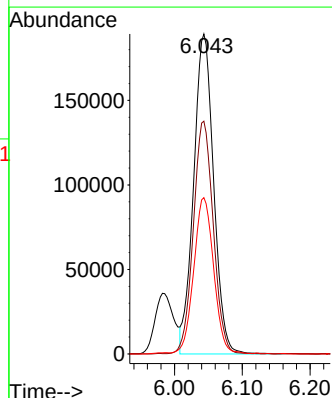
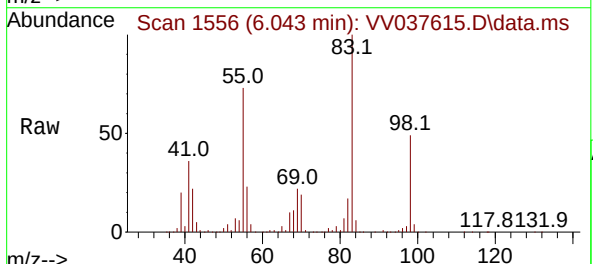
Tgt Ion: 83 Resp: 388443

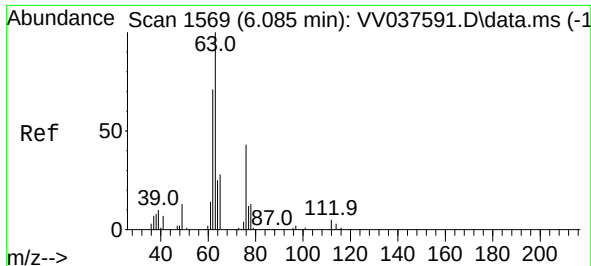
Ion Ratio Lower Upper

83 100

55 72.3 57.9 86.9

98 48.7 39.3 58.9

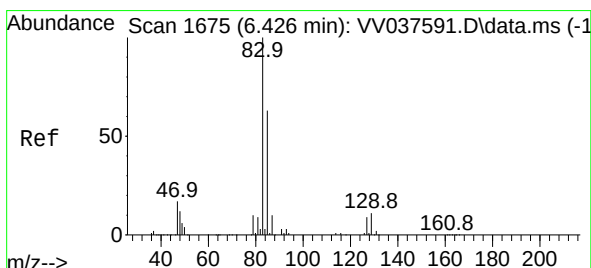
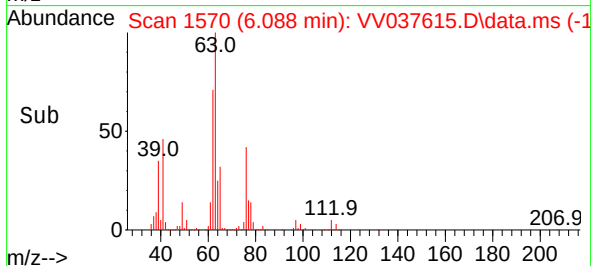
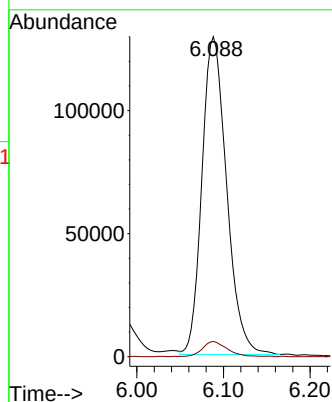
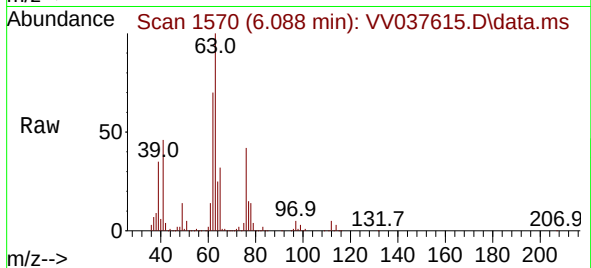




#37
1,2-Dichloropropane
Concen: 52.625 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

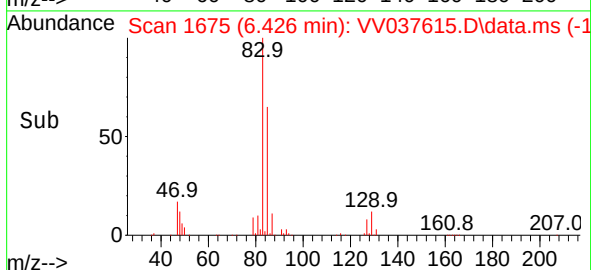
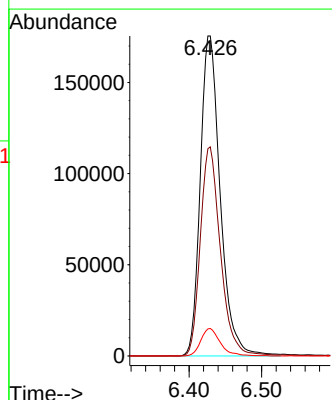
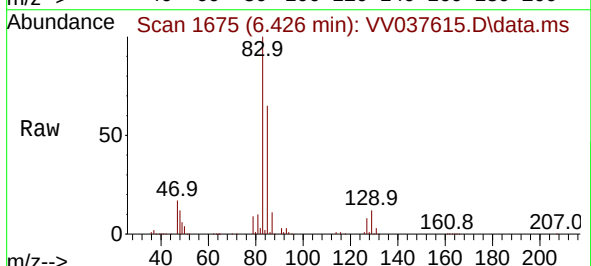
Instrument :
MSVOA_V
ClientSampleId :

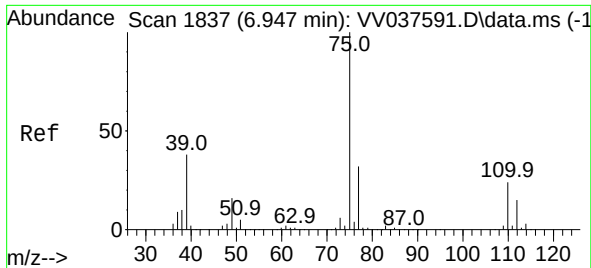
Tgt Ion: 63 Resp: 255565
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 51.734 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion: 83 Resp: 335848
Ion Ratio Lower Upper
83 100
85 64.8 45.7 84.9
127 8.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 50.739 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

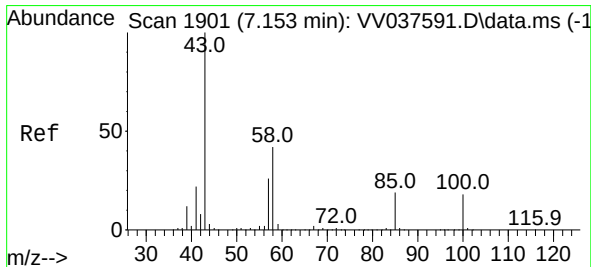
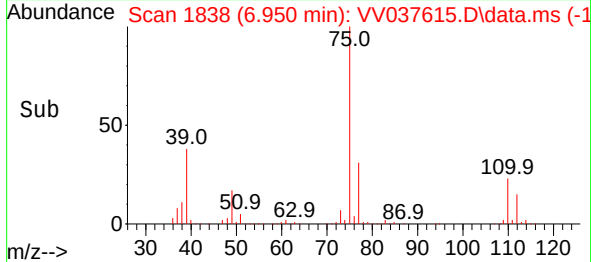
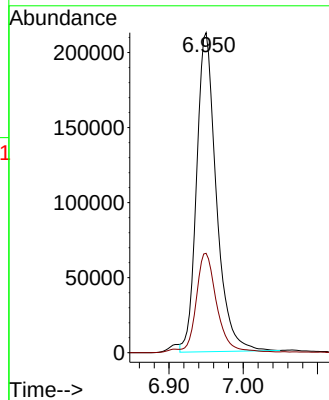
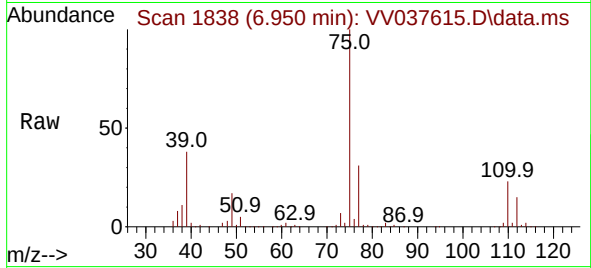
ClientSampleId :

Tgt Ion: 75 Resp: 393333

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 112.989 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

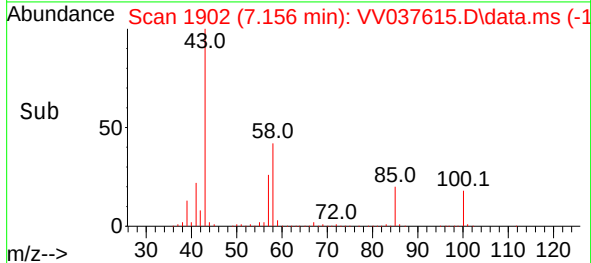
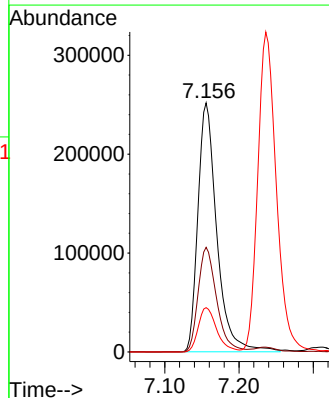
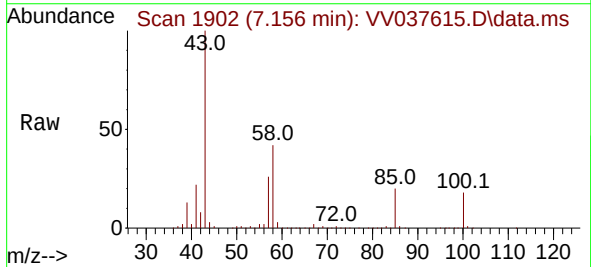
Tgt Ion: 43 Resp: 446766

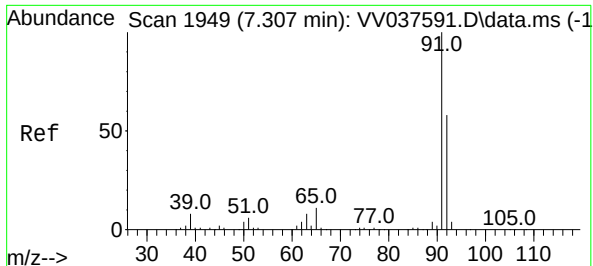
Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.4

100 17.4 13.7 20.5





#42

Toluene

Concen: 53.825 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

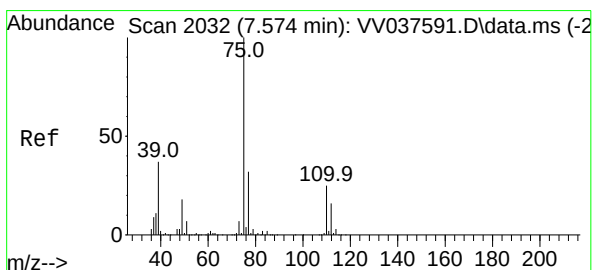
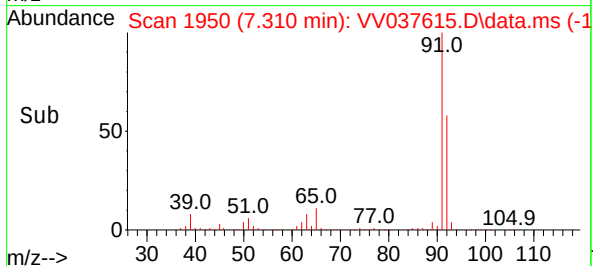
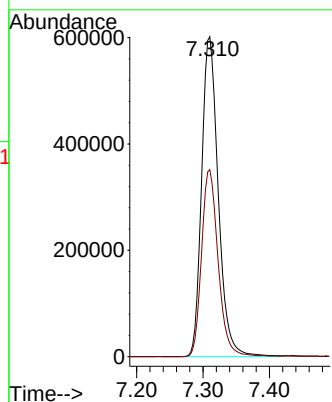
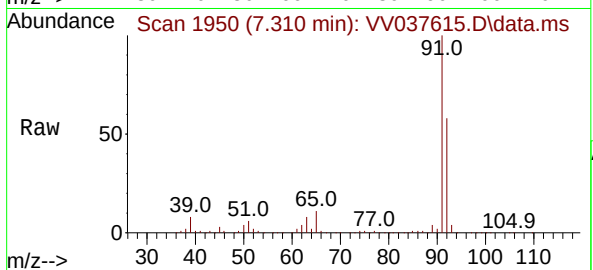
ClientSampleId :

Tgt Ion: 91 Resp: 1049395

Ion Ratio Lower Upper

91 100

92 58.4 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 52.320 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037615.D

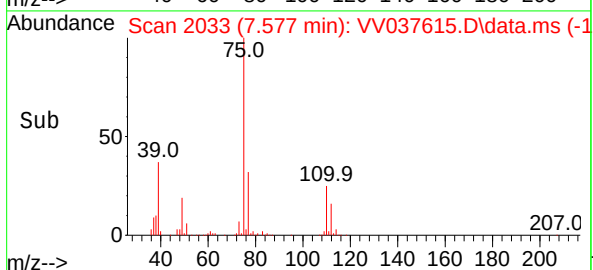
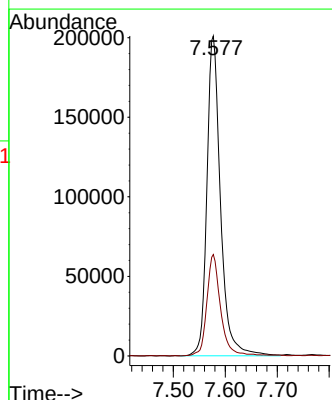
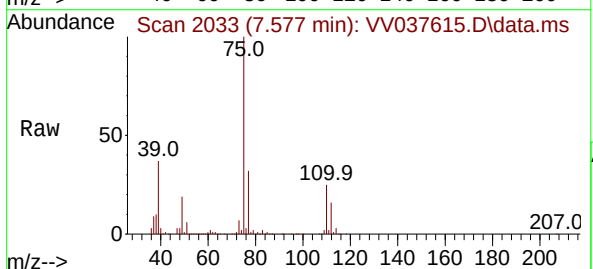
Acq: 27 Sep 2024 18:51

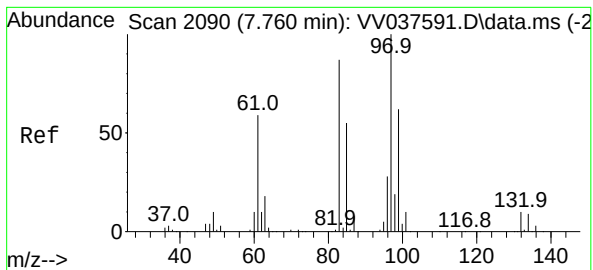
Tgt Ion: 75 Resp: 365152

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 53.587 ug/L

RT: 7.763 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 249877

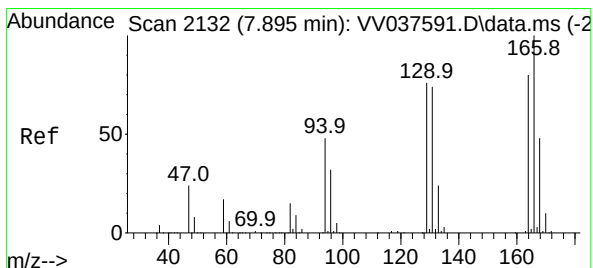
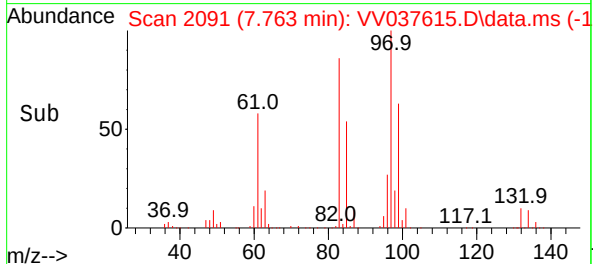
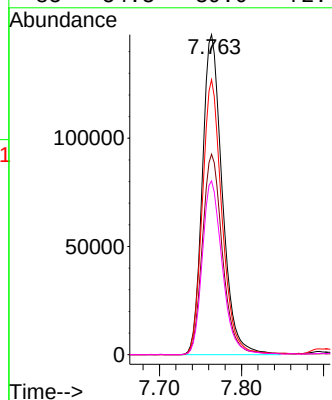
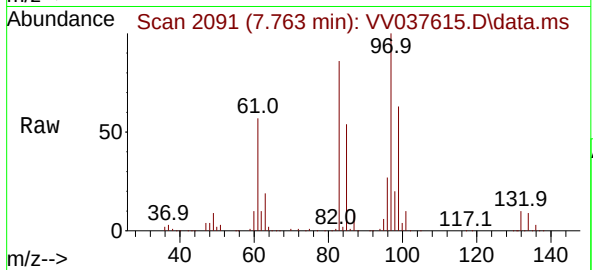
Ion Ratio Lower Upper

97 100

99 62.6 44.1 81.9

83 85.9 59.3 110.1

85 54.3 39.0 72.4



#46

Tetrachloroethene

Concen: 50.311 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Tgt Ion: 164 Resp: 192650

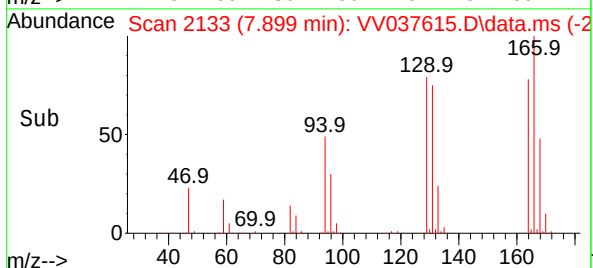
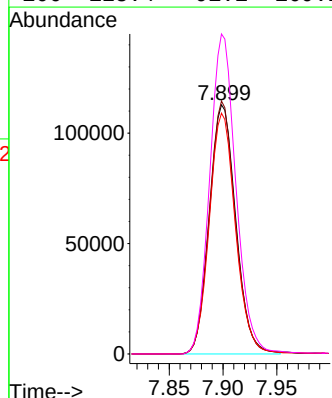
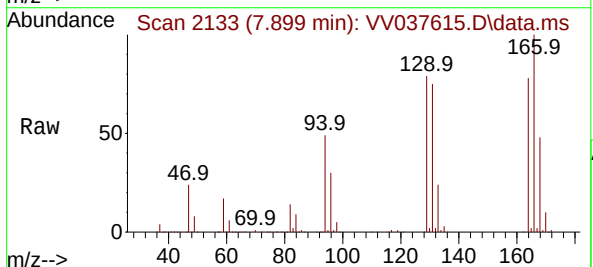
Ion Ratio Lower Upper

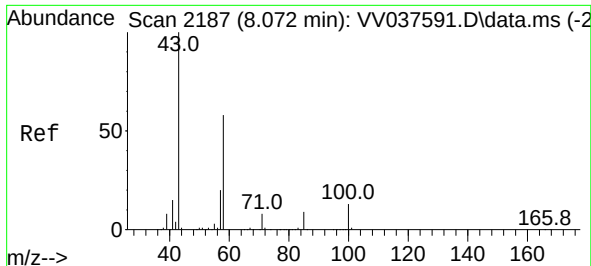
164 100

129 101.6 68.2 126.6

131 96.7 66.1 122.8

166 128.4 91.1 169.1





#48

2-Hexanone

Concen: 105.691 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

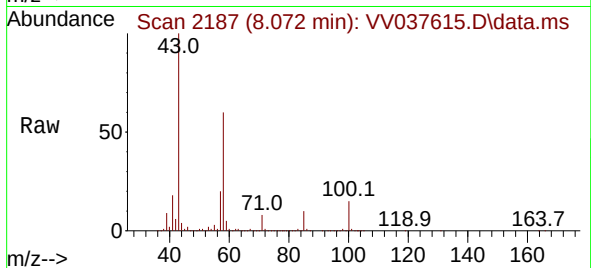
Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 324958

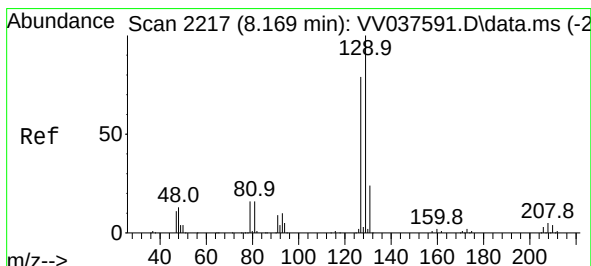
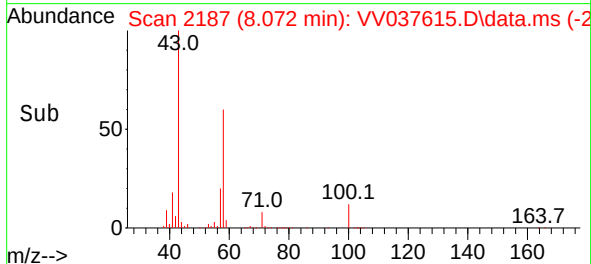
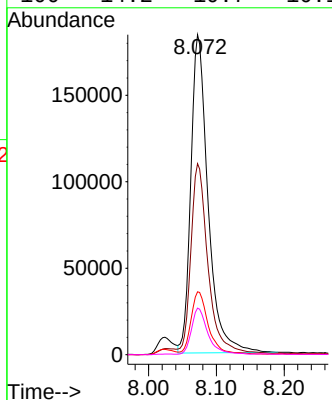
Ion Ratio Lower Upper

43 100

58 59.1 46.5 69.7

57 18.6 15.1 22.7

100 14.2 10.7 16.1



#49

Dibromochloromethane

Concen: 52.773 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037615.D

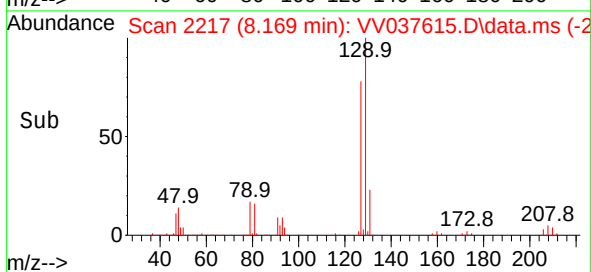
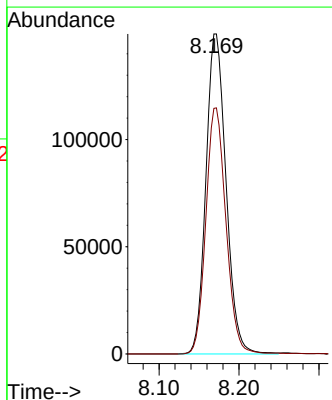
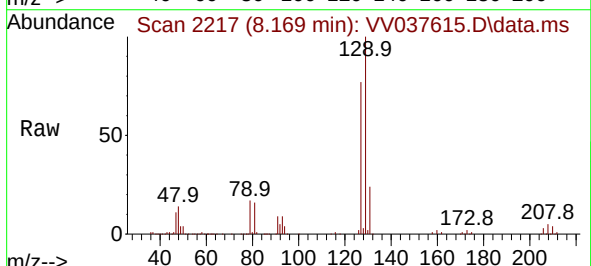
Acq: 27 Sep 2024 18:51

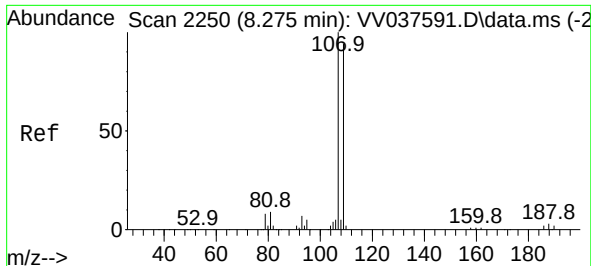
Tgt Ion:129 Resp: 260447

Ion Ratio Lower Upper

129 100

127 76.8 54.9 101.9

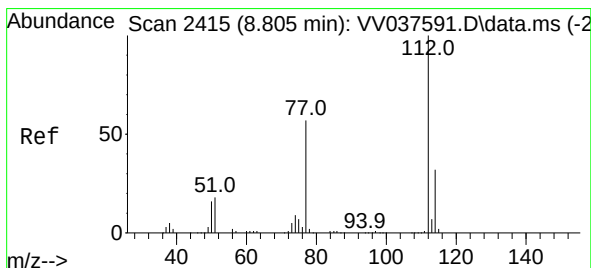
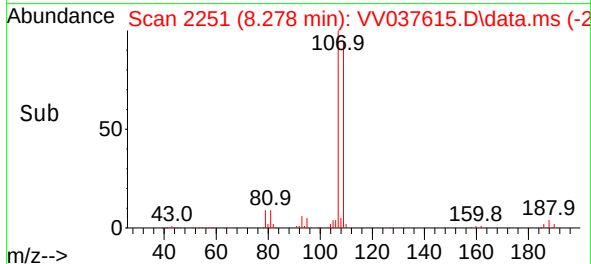
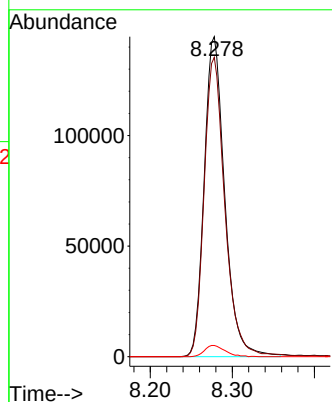
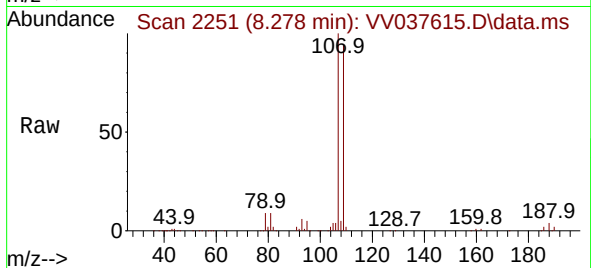




#50
1,2-Dibromoethane
Concen: 52.241 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

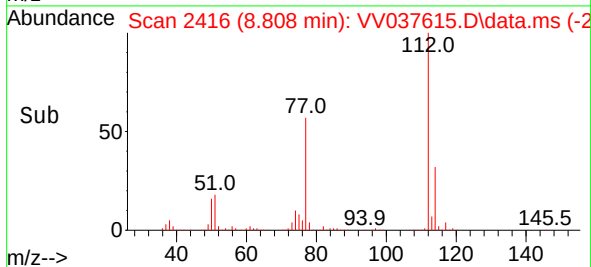
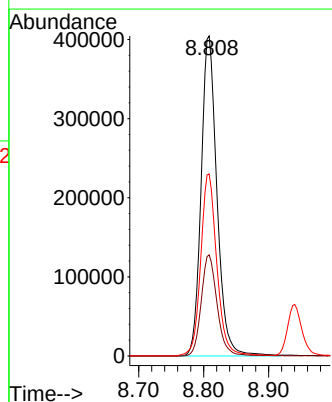
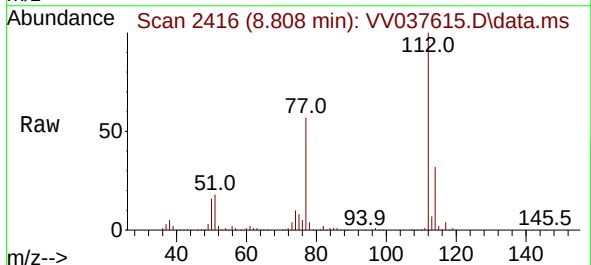
Instrument :
MSVOA_V
ClientSampleId :

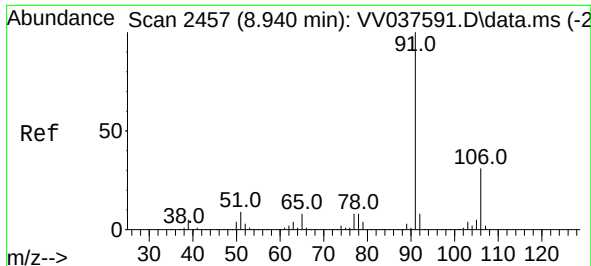
Tgt Ion:107 Resp: 251812
Ion Ratio Lower Upper
107 100
109 93.5 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 51.779 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion:112 Resp: 687769
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.7
77 56.9 45.8 68.8





#52

Ethylbenzene

Concen: 52.972 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

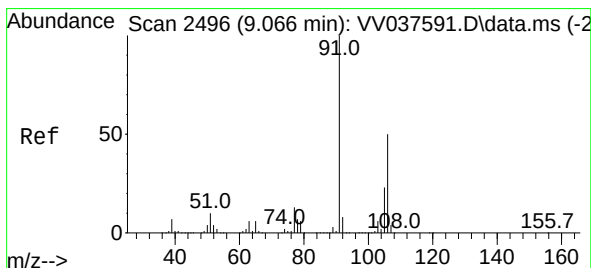
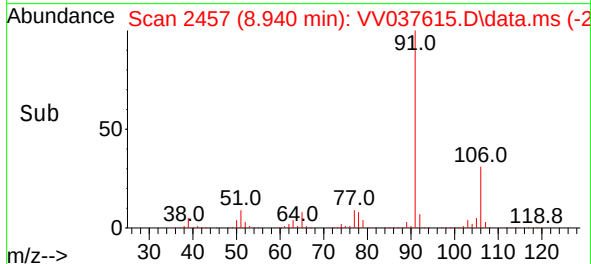
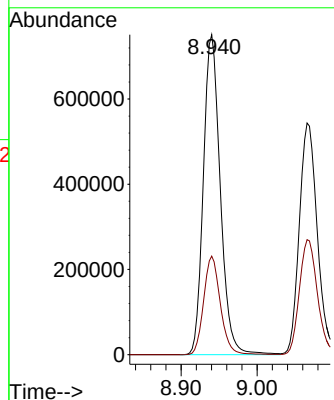
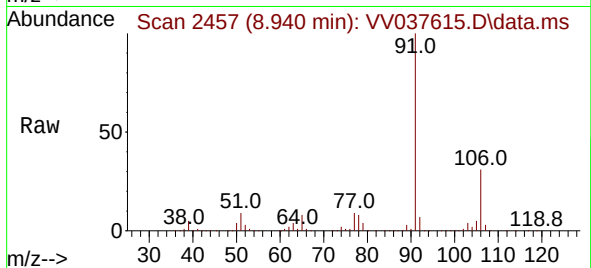
ClientSampleId :

Tgt Ion: 91 Resp: 1162533

Ion Ratio Lower Upper

91 100

106 30.8 21.9 40.7



#53

m,p-Xylene

Concen: 54.549 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037615.D

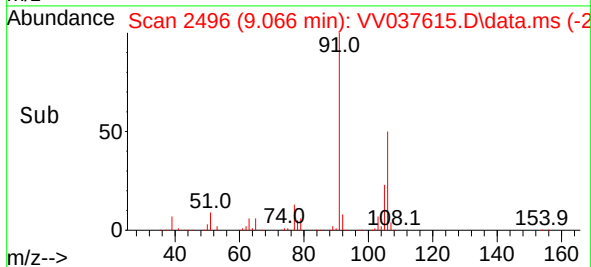
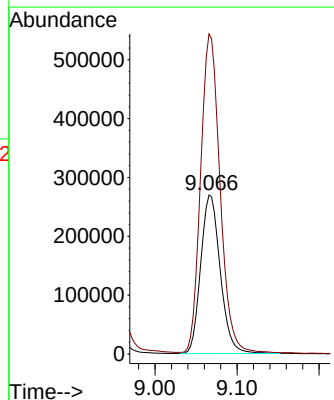
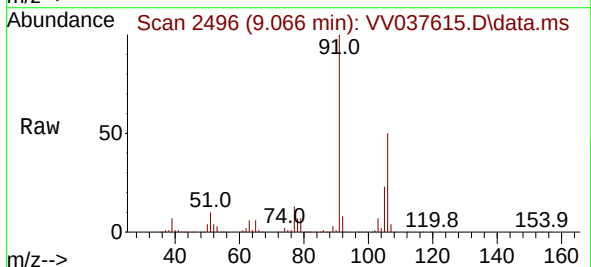
Acq: 27 Sep 2024 18:51

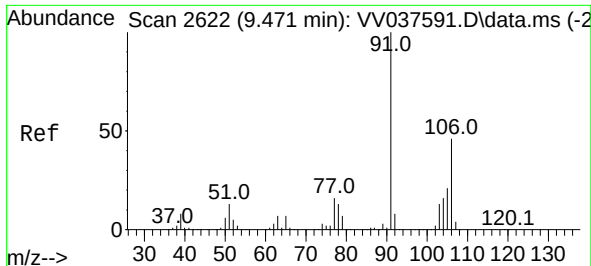
Tgt Ion:106 Resp: 445537

Ion Ratio Lower Upper

106 100

91 201.5 142.0 263.6

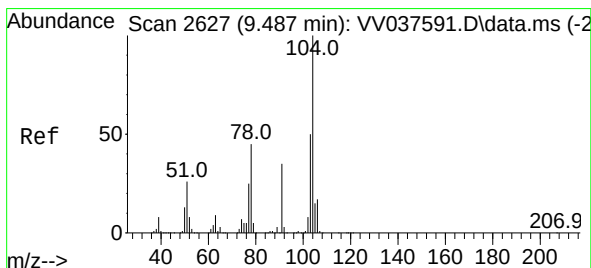
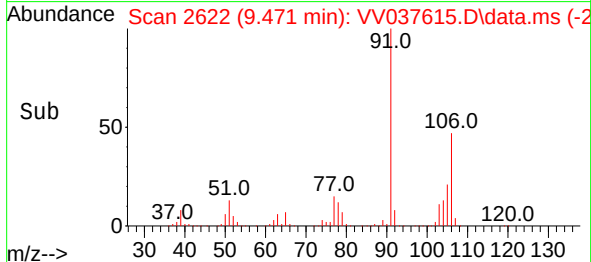
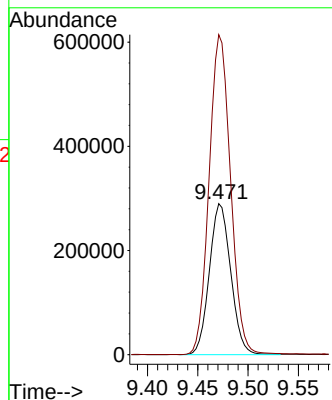
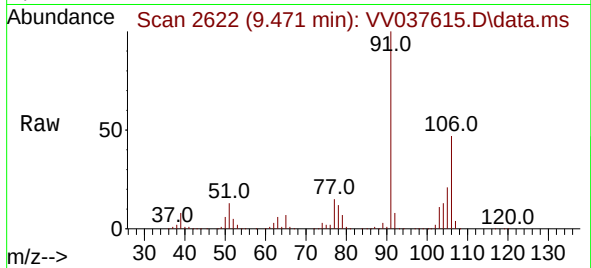




#54
o-Xylene
Concen: 53.727 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

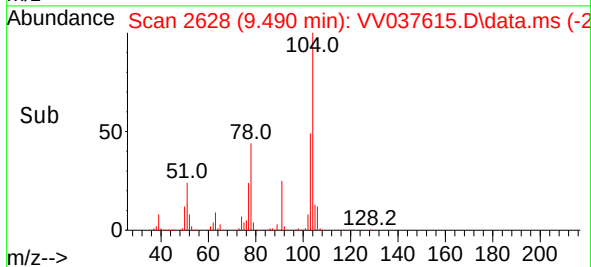
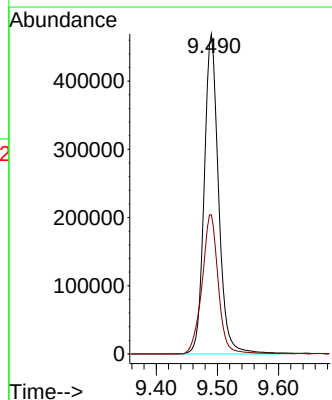
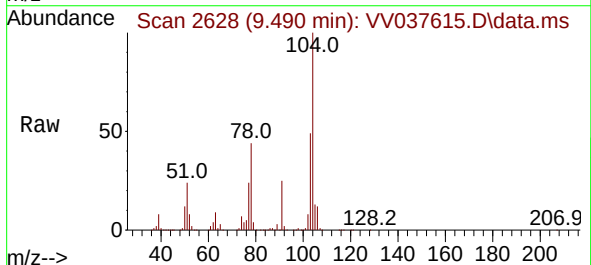
Instrument :
MSVOA_V
ClientSampleId :

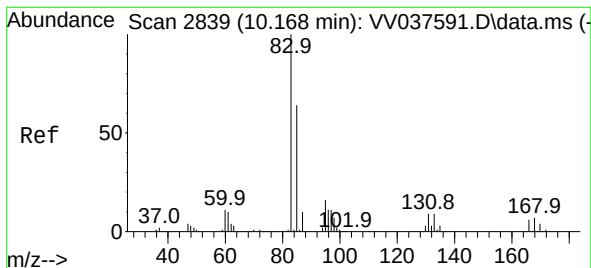
Tgt Ion:106 Resp: 428416
Ion Ratio Lower Upper
106 100
91 211.9 153.9 285.9



#55
Styrene
Concen: 55.179 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion:104 Resp: 765968
Ion Ratio Lower Upper
104 100
78 43.5 30.0 55.6

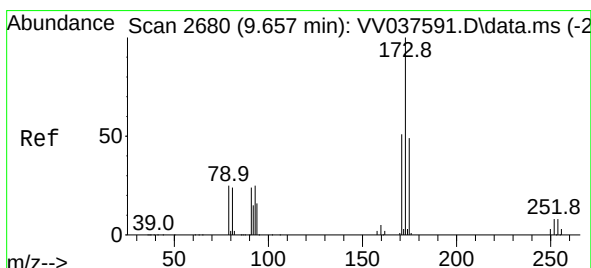
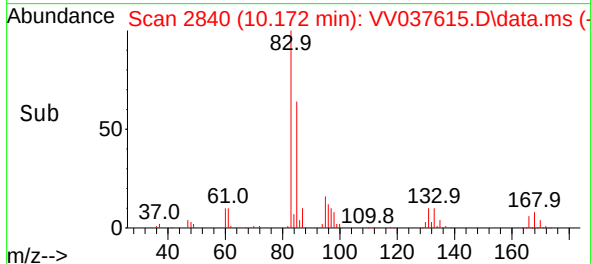
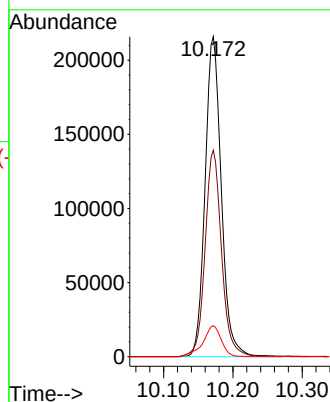
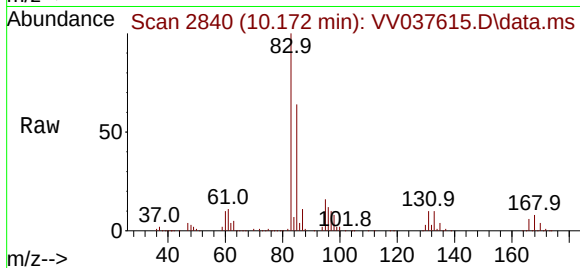




#57
1,1,2,2-Tetrachloroethane
Concen: 53.881 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

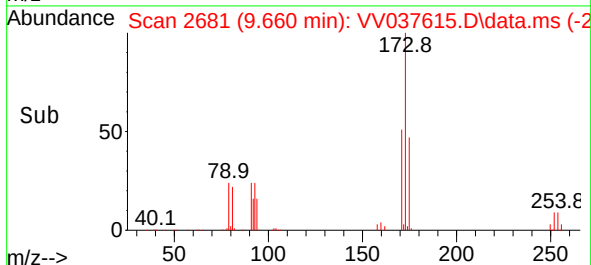
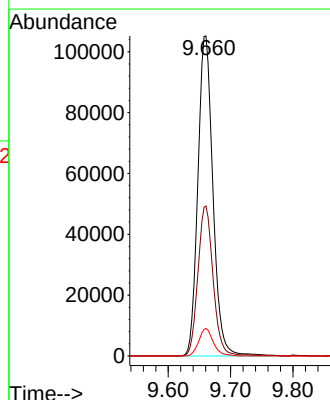
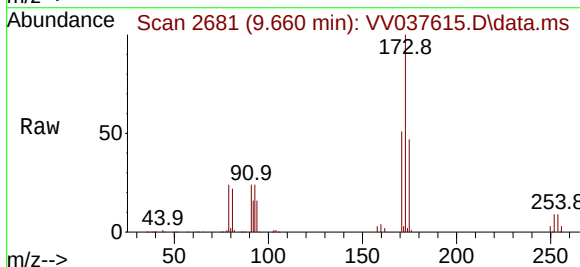
Instrument :
MSVOA_V
ClientSampleId :

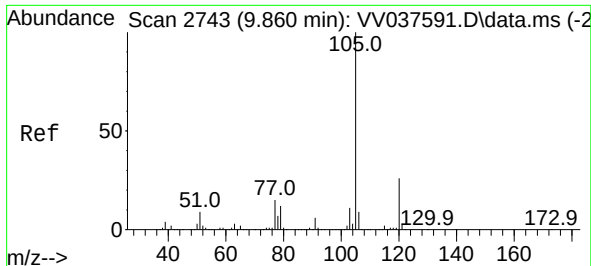
Tgt Ion: 83 Resp: 350298
Ion Ratio Lower Upper
83 100
85 64.5 45.9 85.3
131 9.7 7.9 11.9



#59
Bromoform
Concen: 52.959 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

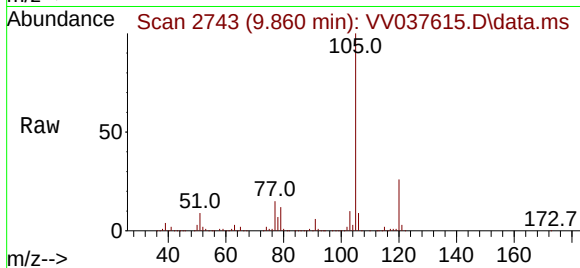
Tgt Ion: 173 Resp: 176540
Ion Ratio Lower Upper
173 100
175 46.9 40.0 60.0
254 8.3 6.5 9.7



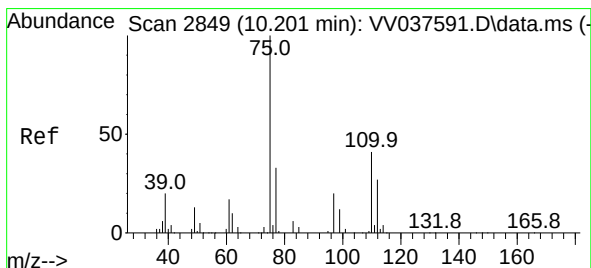
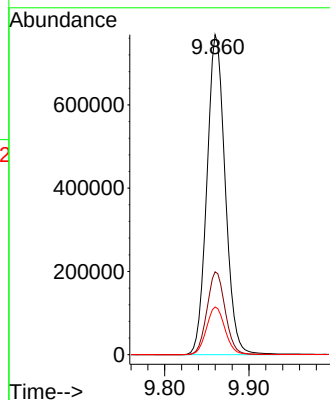
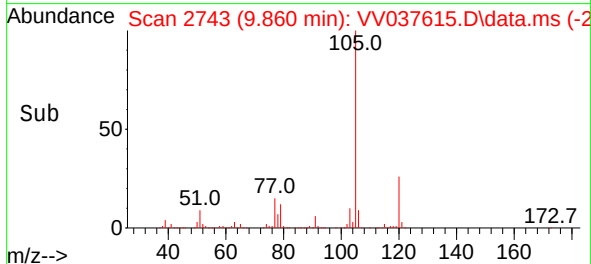


#60
Isopropylbenzene
Concen: 52.445 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

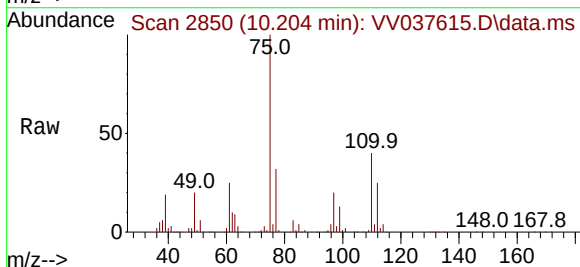
Instrument :
MSVOA_V
ClientSampleId :



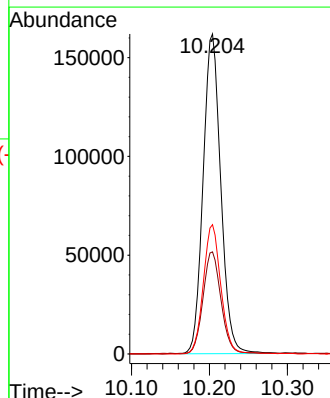
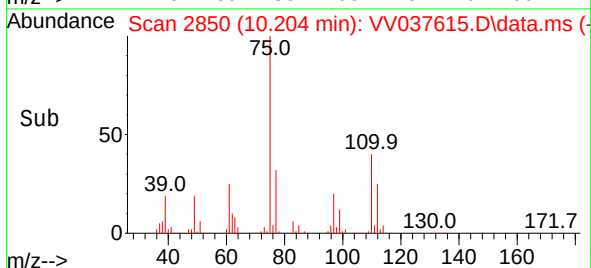
Tgt Ion:105 Resp: 1162935
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.1 12.2 18.2

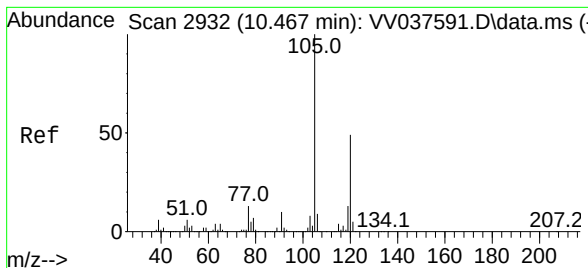


#61
1,2,3-Trichloropropane
Concen: 52.549 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51



Tgt Ion: 75 Resp: 255034
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 40.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 52.791 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

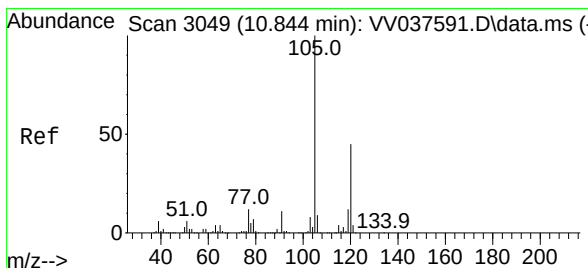
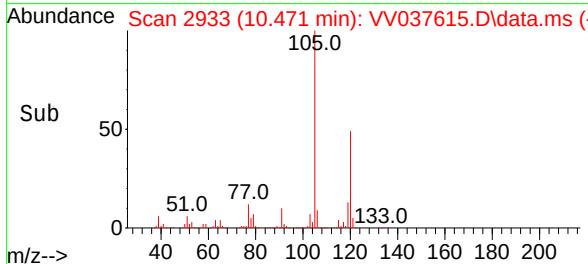
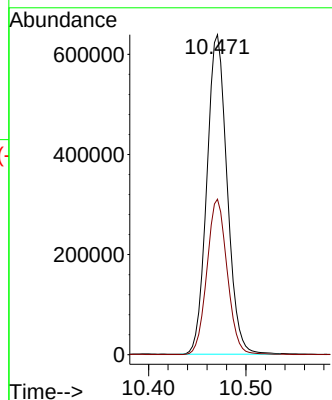
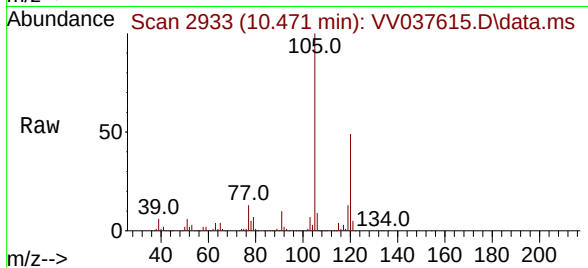
ClientSampleId :

Tgt Ion:105 Resp: 925488

Ion Ratio Lower Upper

105 100

120 48.4 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 53.194 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037615.D

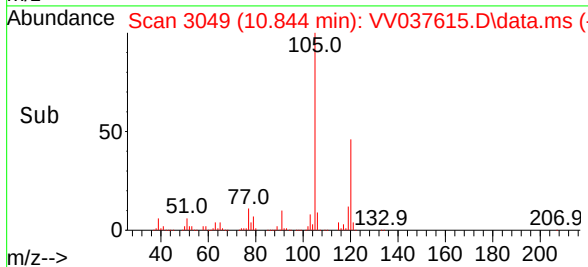
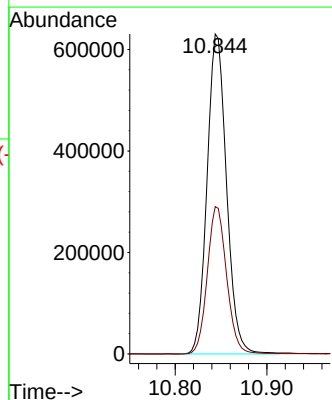
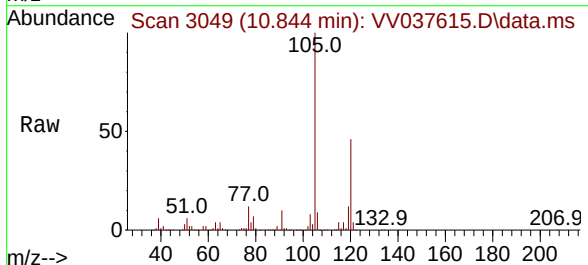
Acq: 27 Sep 2024 18:51

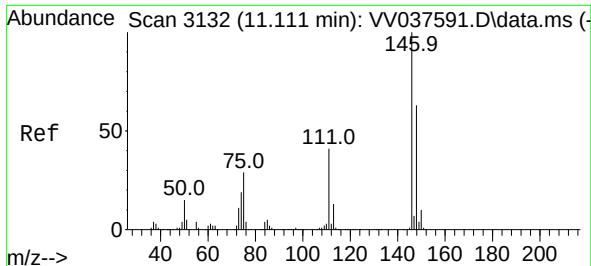
Tgt Ion:105 Resp: 927864

Ion Ratio Lower Upper

105 100

120 45.9 36.2 54.2

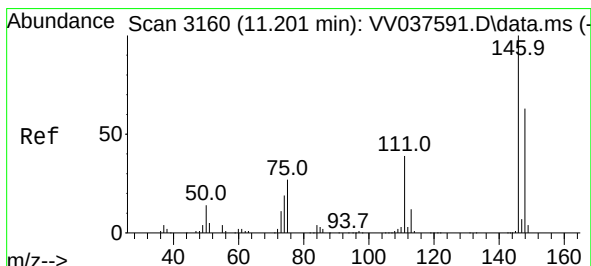
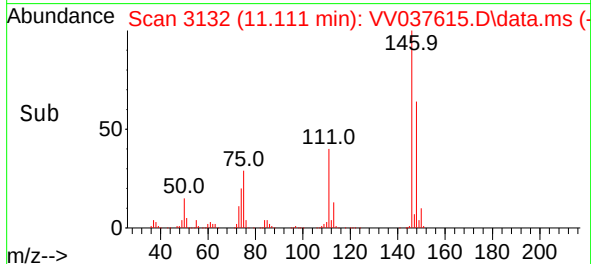
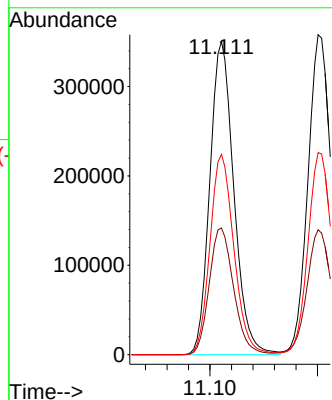
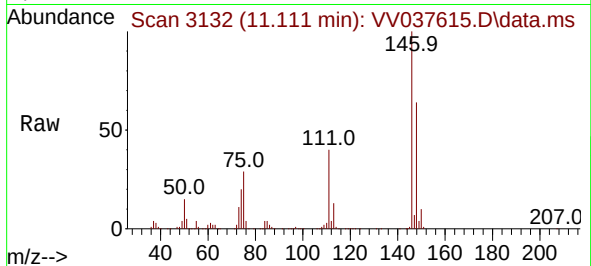




#64
1,3-Dichlorobenzene
Concen: 50.948 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

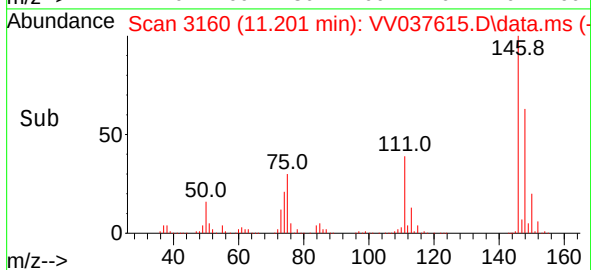
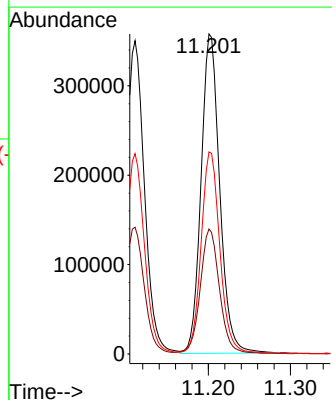
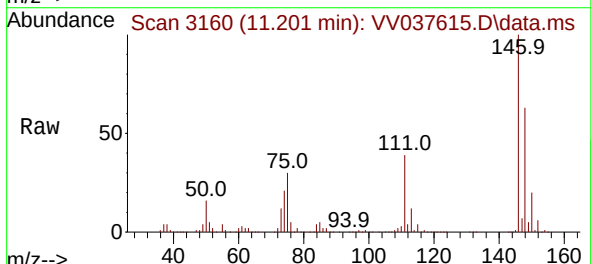
Instrument :
MSVOA_V
ClientSampleId :

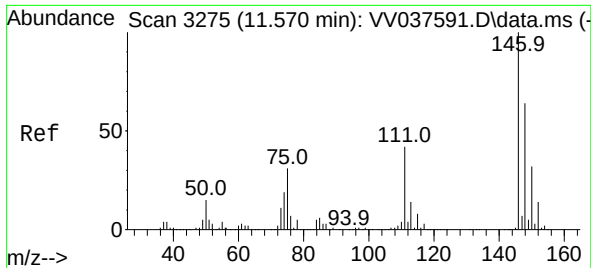
Tgt Ion:146 Resp: 543778
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.5
148 63.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.807 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037615.D
Acq: 27 Sep 2024 18:51

Tgt Ion:146 Resp: 564664
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.4
148 63.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.252 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

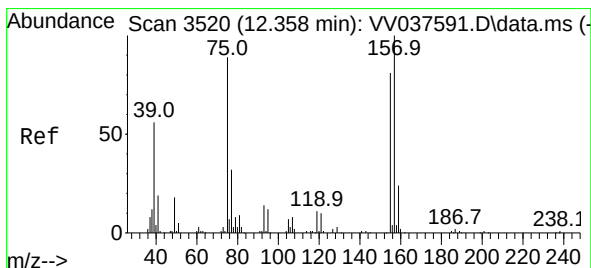
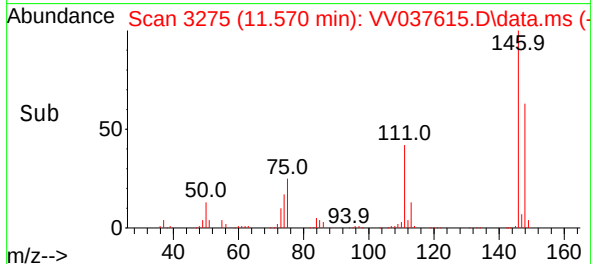
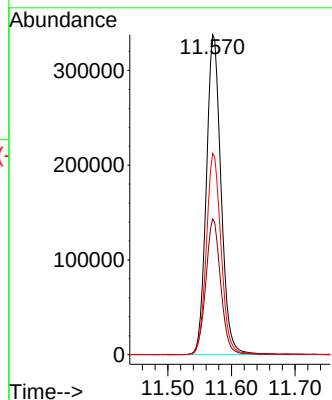
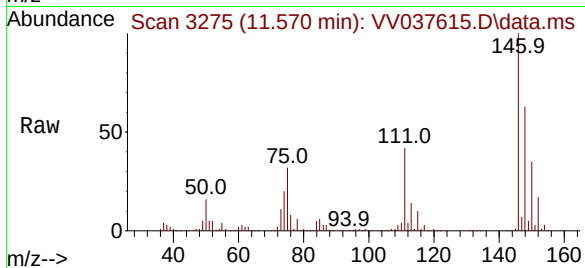
Tgt Ion:146 Resp: 540770

Ion Ratio Lower Upper

146 100

111 42.4 34.2 51.2

148 62.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 51.431 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

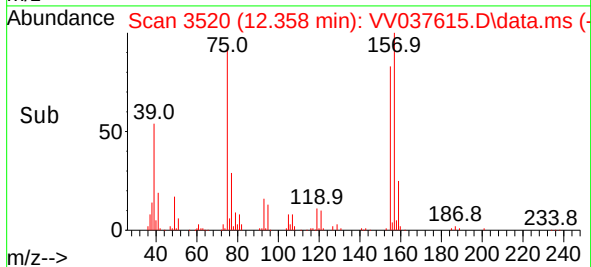
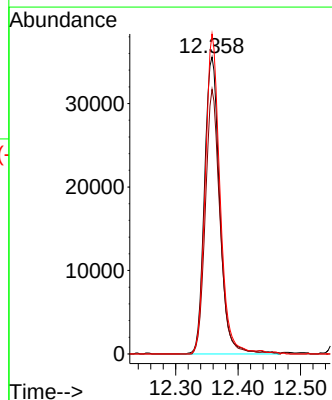
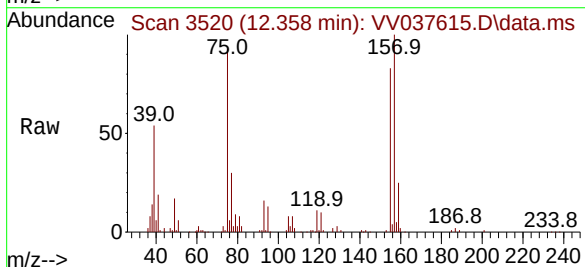
Tgt Ion: 75 Resp: 60592

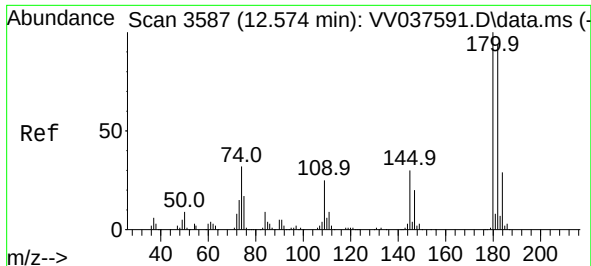
Ion Ratio Lower Upper

75 100

155 89.1 66.2 99.4

157 107.8 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 48.137 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

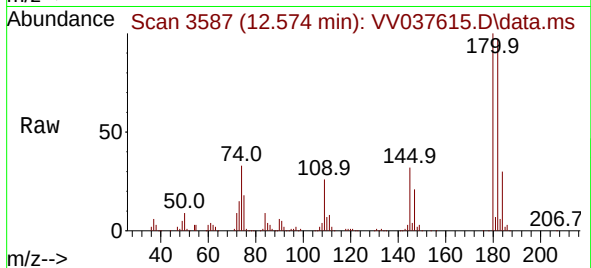
Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 353316

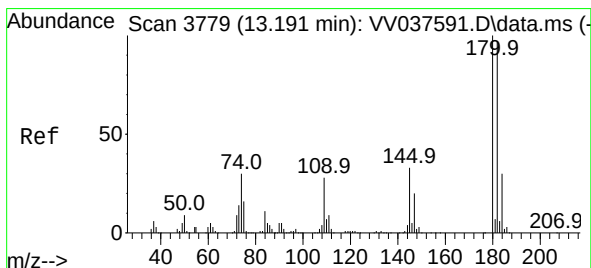
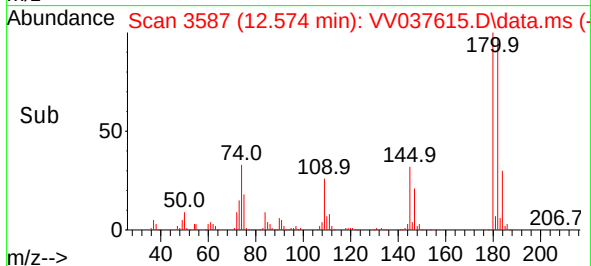
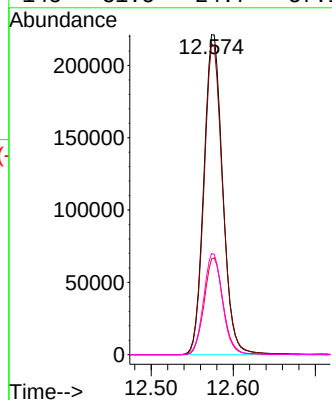
Ion Ratio Lower Upper

180 100

182 96.5 75.6 113.4

184 30.6 23.8 35.6

145 31.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 48.593 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

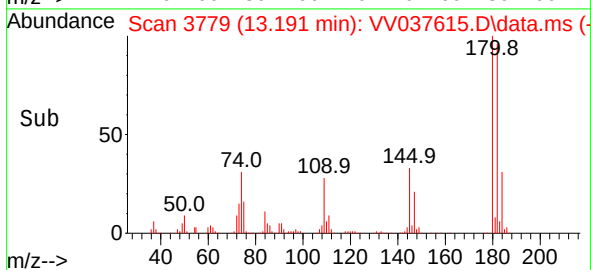
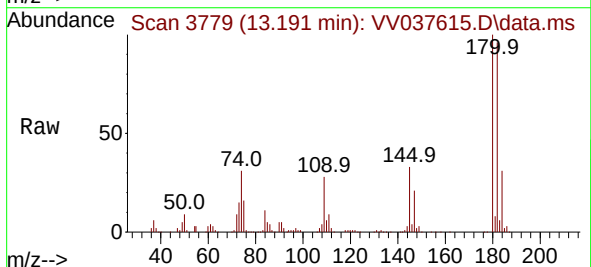
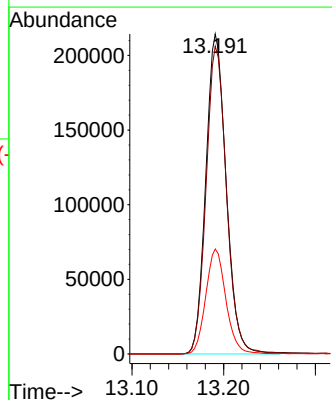
Tgt Ion:180 Resp: 330908

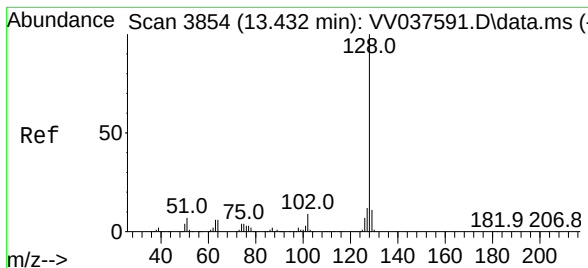
Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

145 32.5 25.4 38.2





#71

Naphthalene

Concen: 52.529 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Instrument :

MSVOA_V

ClientSampleId :

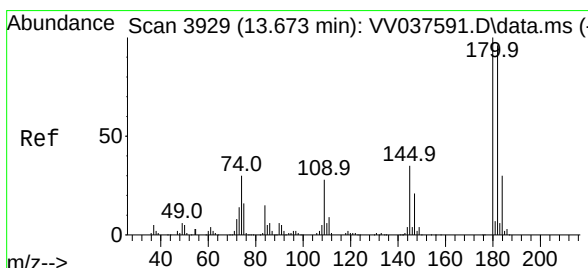
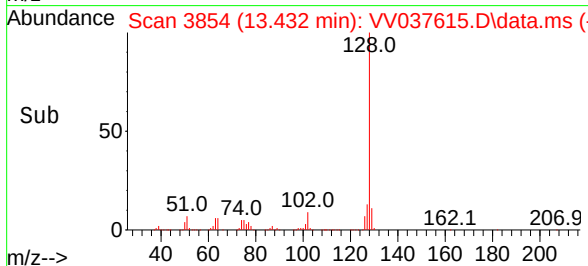
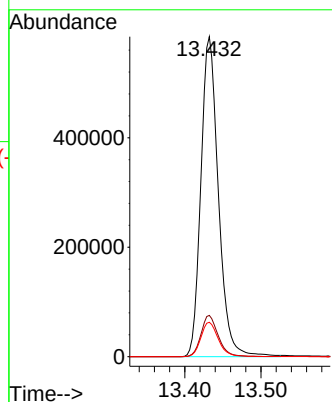
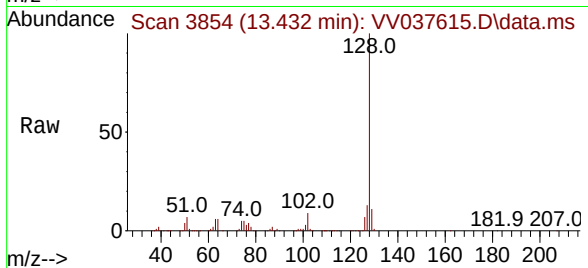
Tgt Ion:128 Resp: 934597

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 50.005 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037615.D

Acq: 27 Sep 2024 18:51

Tgt Ion:180 Resp: 336280

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.8

145 34.2 26.2 39.4

