

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100224\
 Data File : VV037718.D
 Acq On : 02 Oct 2024 15:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:56:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 03 05:55:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	651332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	628508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	349875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	222407	38.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.800%
7) Chloroethane-d5	1.532	69	188334	42.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	2.060	65	97598	40.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.720%
21) 2-Butanone-d5	3.786	46	153650	75.447	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.450%
24) Chloroform-d	4.240	84	458410	45.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	4.931	65	265326	44.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
32) Benzene-d6	4.950	84	873051	44.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.780%
36) 1,2-Dichloropropane-d6	5.979	67	279726	44.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.340%
41) Toluene-d8	7.233	98	800363	44.879	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.760%
43) trans-1,3-Dichloroprop...	7.545	79	127104	43.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.380%
47) 2-Hexanone-d5	8.021	63	111352	84.204	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.200%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	311907	42.864	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.720%
66) 1,2-Dichlorobenzene-d4	11.551	152	313237	42.487	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	272757	49.191	ug/L	98
3) Chloromethane	1.217	50	276635	51.389	ug/L	99
5) Vinyl chloride	1.285	62	290081	50.264	ug/L	99
6) Bromomethane	1.487	94	165528	51.684	ug/L	99
8) Chloroethane	1.548	64	179622	50.497	ug/L	98
9) Trichlorofluoromethane	1.712	101	393001	50.590	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	236181	50.878	ug/L	99
12) 1,1-Dichloroethene	2.069	96	217195	50.088	ug/L	82
13) Acetone	2.111	43	157235	78.759	ug/L	100
14) Carbon disulfide	2.240	76	642951	47.502	ug/L	99
15) Methyl Acetate	2.368	43	167313	48.023	ug/L	100
16) Methylene chloride	2.442	84	247768	50.464	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	231342	50.431	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	664632	50.500	ug/L	100
19) 1,1-Dichloroethane	3.101	63	448680	51.049	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	255516	49.775	ug/L	99
22) 2-Butanone	3.867	43	190023	85.995	ug/L	96
23) Bromochloromethane	4.137	128	132925	50.058	ug/L	99
25) Chloroform	4.265	83	463763	50.963	ug/L	99

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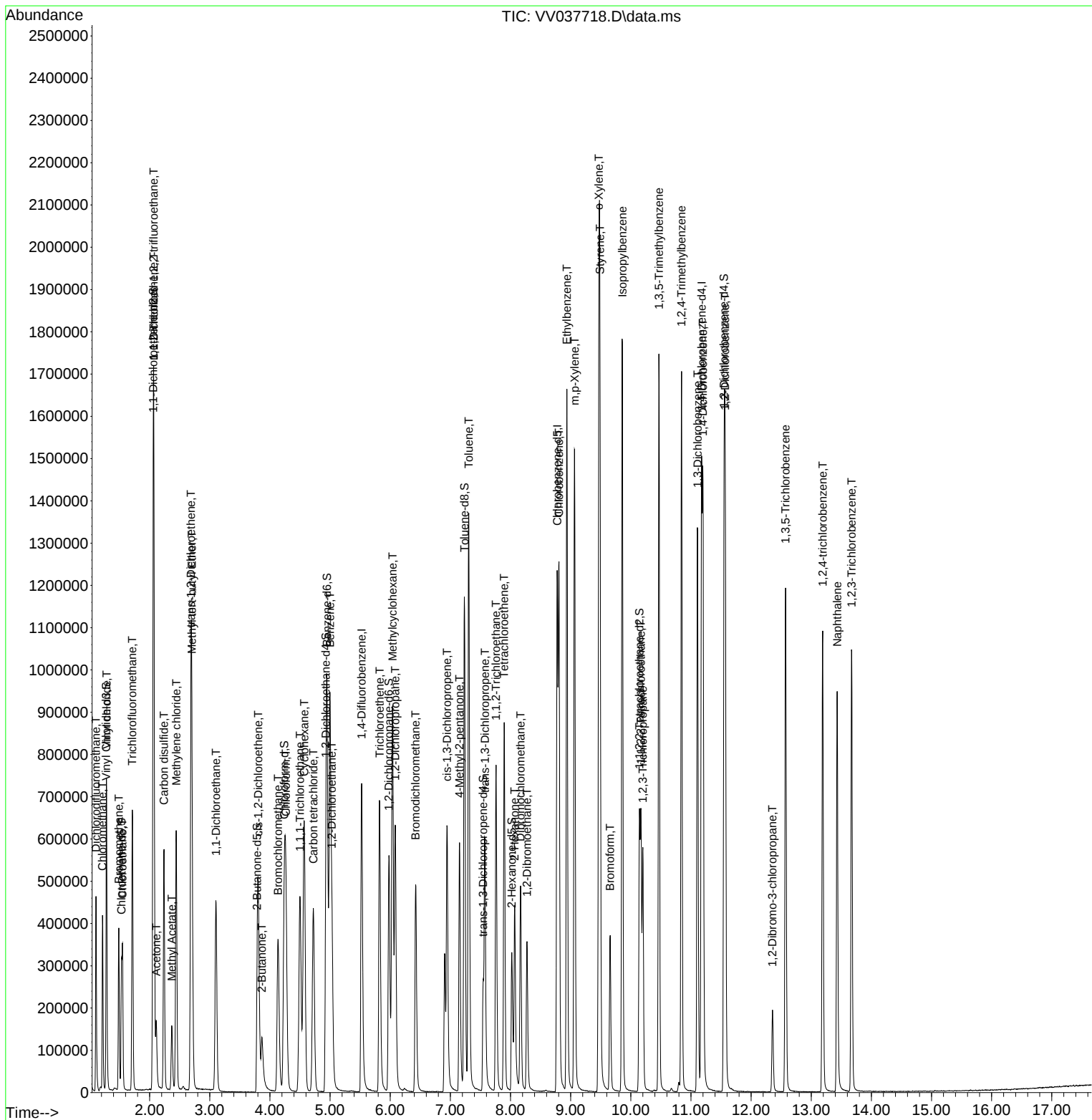
Instrument :
 MSVOA_V
 ClientSampleId :

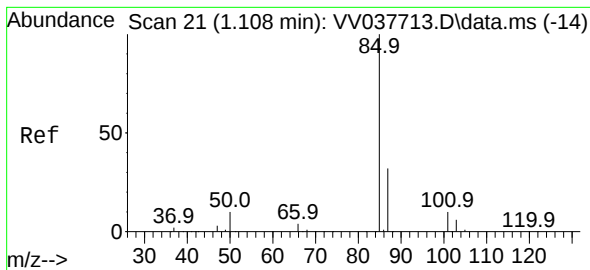
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	327909	51.043	ug/L	99
29) Cyclohexane	4.571	56	347669	48.720	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	392225	50.669	ug/L	99
31) Carbon tetrachloride	4.722	117	339825	50.494	ug/L	99
33) Benzene	4.998	78	973241	51.344	ug/L	100
34) Trichloroethene	5.825	95	251972	49.916	ug/L	97
35) Methylcyclohexane	6.040	83	388409	50.016	ug/L	99
37) 1,2-Dichloropropane	6.085	63	255880	52.277	ug/L	100
38) Bromodichloromethane	6.423	83	335186	51.226	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	405290	51.871	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	379845	95.310	ug/L	100
42) Toluene	7.307	91	1025424	52.183	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	357430	50.812	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	239826	51.027	ug/L	99
46) Tetrachloroethene	7.895	164	188521	48.846	ug/L	96
48) 2-Hexanone	8.069	43	281716	90.908	ug/L	99
49) Dibromochloromethane	8.169	129	252458	50.752	ug/L	97
50) 1,2-Dibromoethane	8.275	107	240372	49.476	ug/L	100
51) Chlorobenzene	8.805	112	676956	50.565	ug/L	100
52) Ethylbenzene	8.937	91	1126951	50.948	ug/L	99
53) m,p-Xylene	9.066	106	430967	52.351	ug/L	99
54) o-Xylene	9.471	106	415777	51.732	ug/L	97
55) Styrene	9.487	104	753559	53.859	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	316473	48.296	ug/L	98
59) Bromoform	9.657	173	161139	47.122	ug/L	96
60) Isopropylbenzene	9.860	105	1118122	49.155	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	228512	45.899	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	898127	49.941	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	892798	49.896	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	538871	49.217	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	558932	49.026	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	520810	48.118	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	50915	42.130	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	355054	47.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	320335	45.856	ug/L	99
71) Naphthalene	13.432	128	758298	41.548	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	311071	45.093	ug/L	99

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

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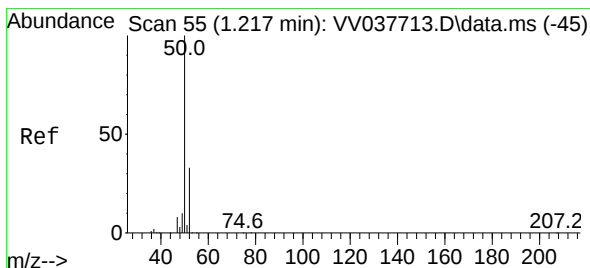
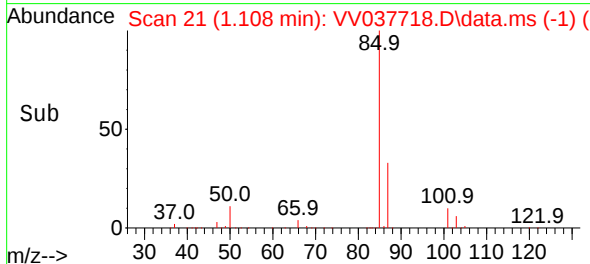
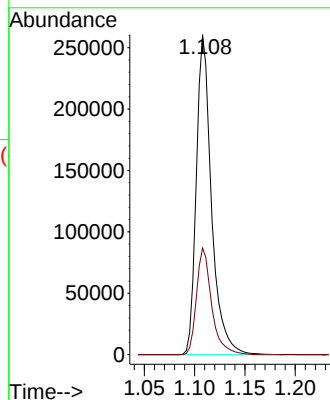
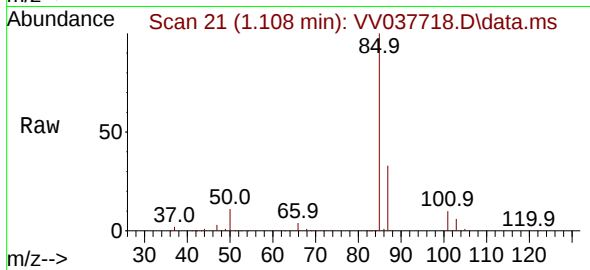




#2
 Dichlorodifluoromethane
 Concen: 49.191 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037718.D
 Acq: 02 Oct 2024 15:03

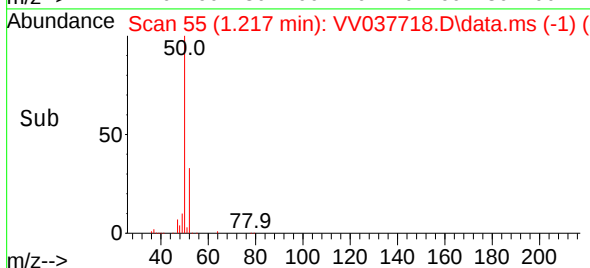
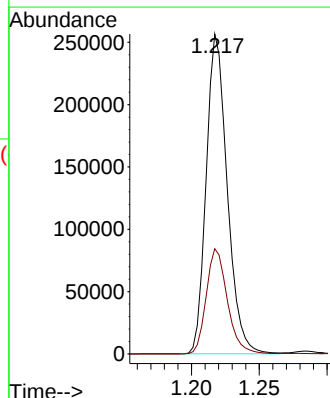
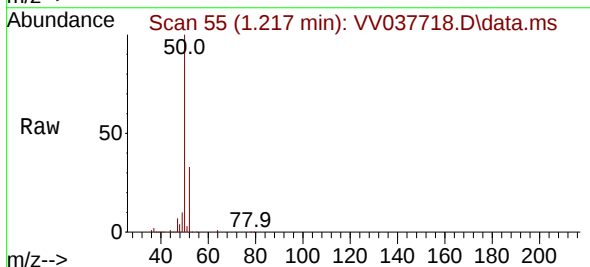
Instrument :
 MSVOA_V
 ClientSampleId :

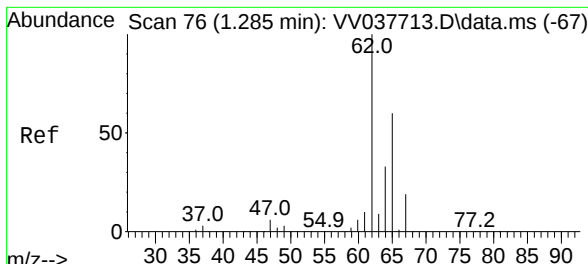
Tgt Ion: 85 Resp: 272757
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.8 38.8



#3
 Chloromethane
 Concen: 51.389 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037718.D
 Acq: 02 Oct 2024 15:03

Tgt Ion: 50 Resp: 276635
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

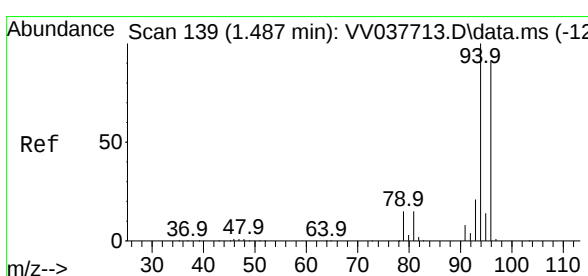
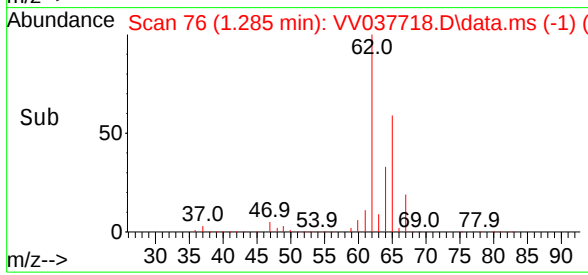
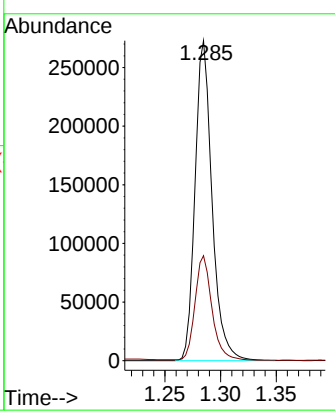
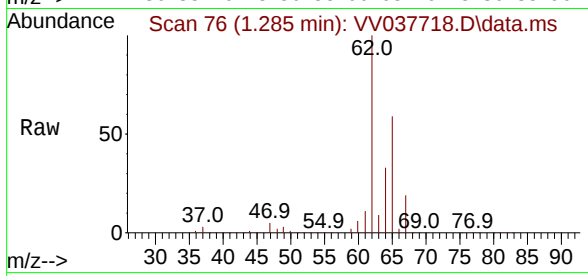




#5
 Vinyl chloride
 Concen: 50.264 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV037718.D
 Acq: 02 Oct 2024 15:03

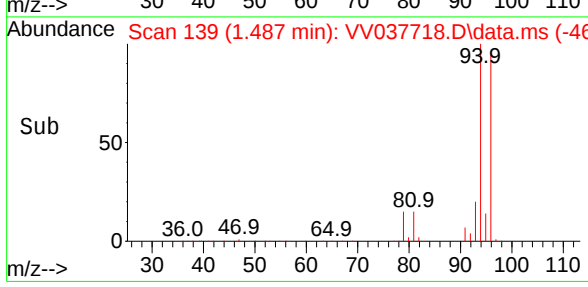
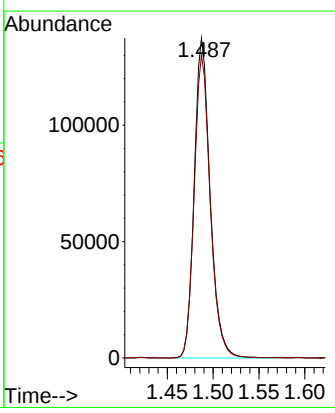
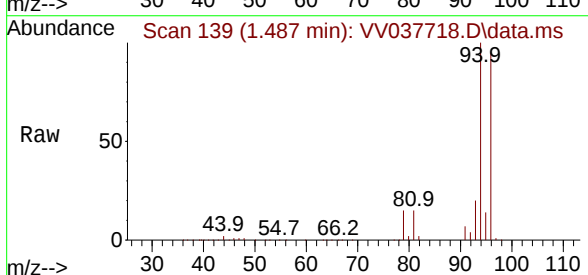
Instrument :
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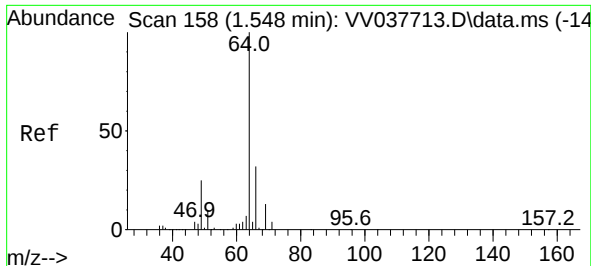
Tgt Ion:	62	Resp:	290081
Ion Ratio	Lower	Upper	
62	100		
64	32.8	23.2	43.0



#6
 Bromomethane
 Concen: 51.684 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037718.D
 Acq: 02 Oct 2024 15:03

Tgt Ion:	94	Resp:	165528
Ion Ratio	Lower	Upper	
94	100		
96	94.7	65.8	122.2

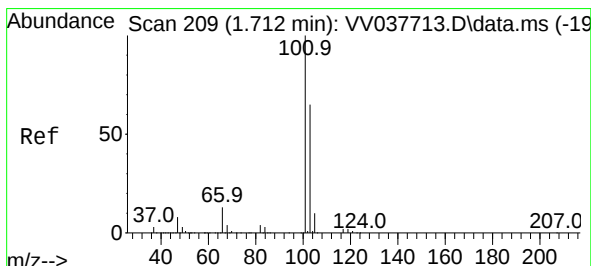
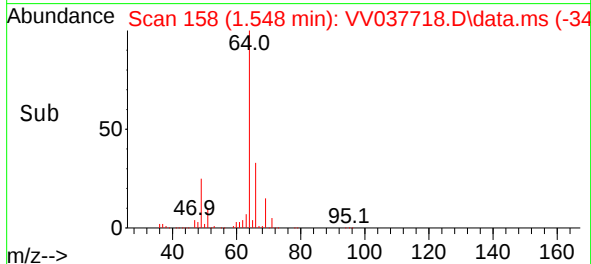
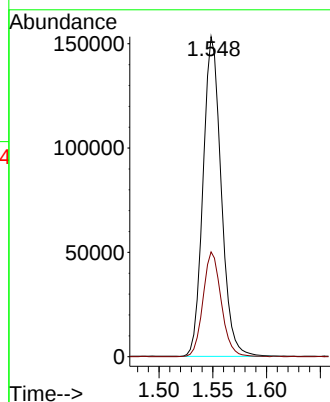
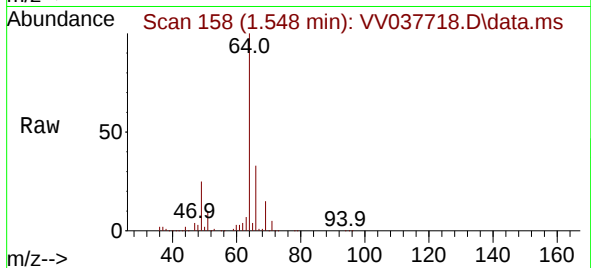




#8
Chloroethane
Concen: 50.497 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

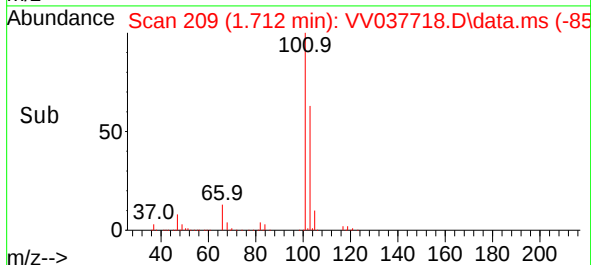
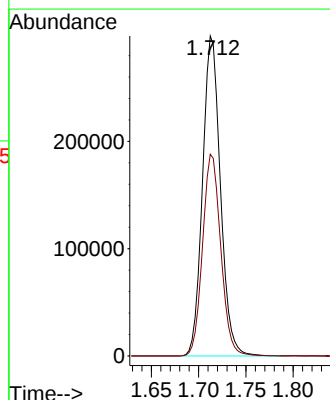
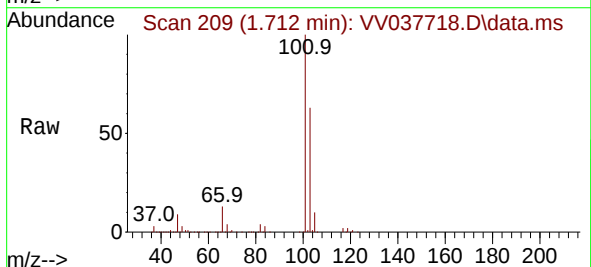
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ClientSampleId :

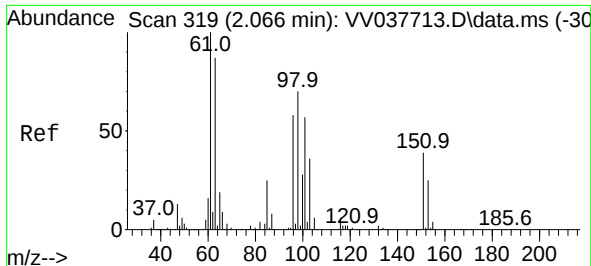
Tgt Ion: 64 Resp: 179622
Ion Ratio Lower Upper
64 100
66 32.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 50.590 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion:101 Resp: 393001
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4

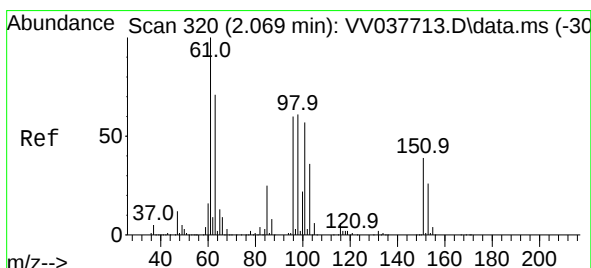
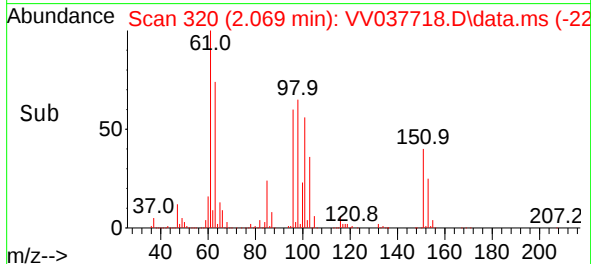
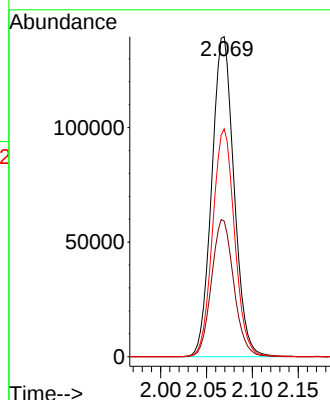
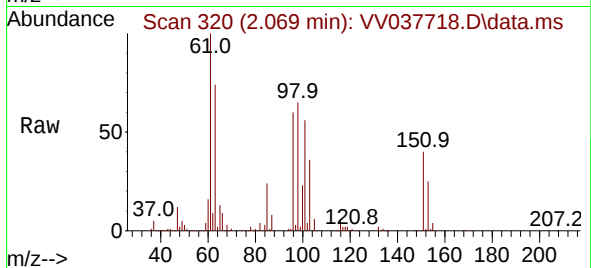




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.878 ug/L
 RT: 2.069 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV037718.D
 Acq: 02 Oct 2024 15:03

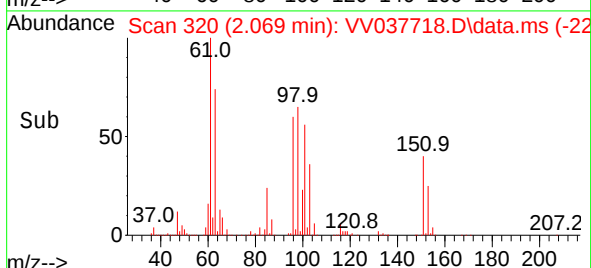
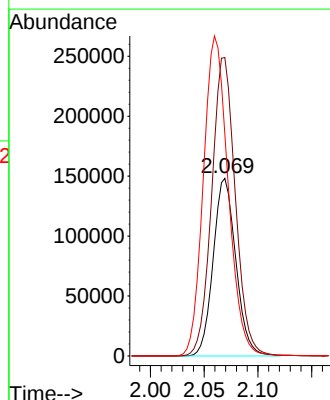
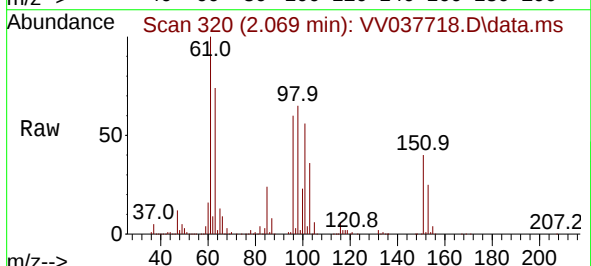
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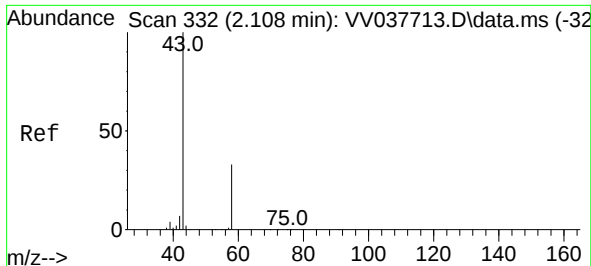
Tgt Ion:101 Resp: 236181
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.6 52.0
 151 70.4 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 50.088 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV037718.D
 Acq: 02 Oct 2024 15:03

Tgt Ion: 96 Resp: 217195
 Ion Ratio Lower Upper
 96 100
 61 168.0 122.6 227.6
 63 124.9 118.0 219.2





#13

Acetone

Concen: 78.759 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

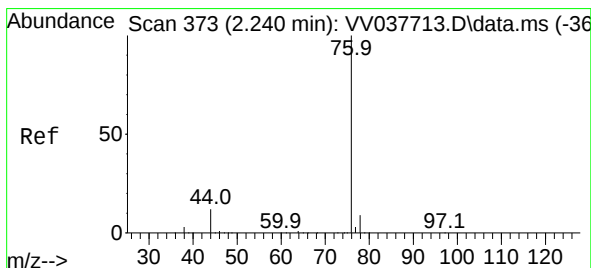
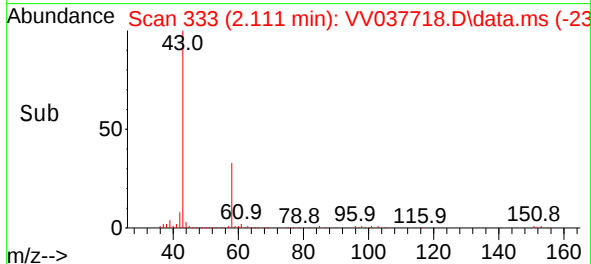
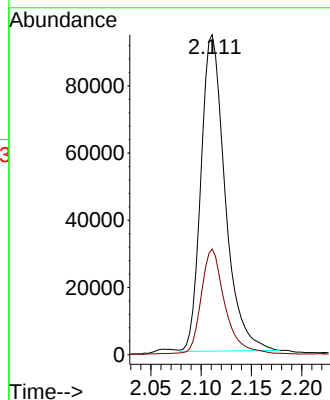
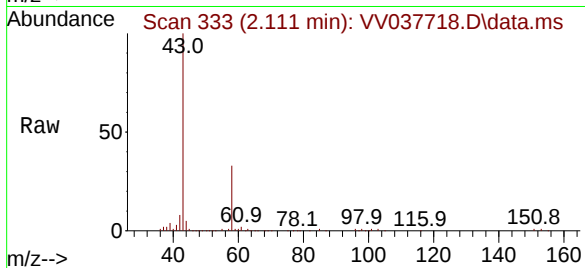
ClientSampleId :

Tgt Ion: 43 Resp: 157235

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.6



#14

Carbon disulfide

Concen: 47.502 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037718.D

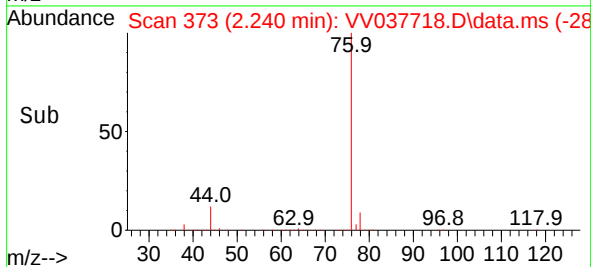
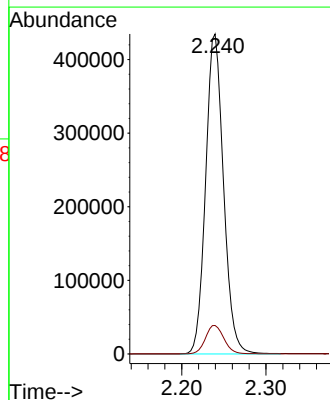
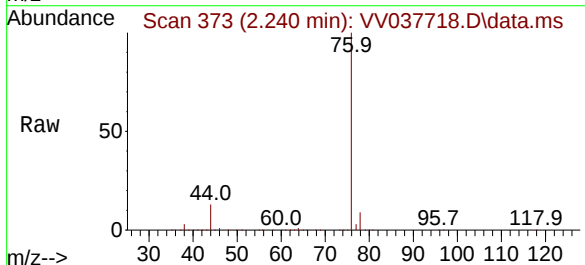
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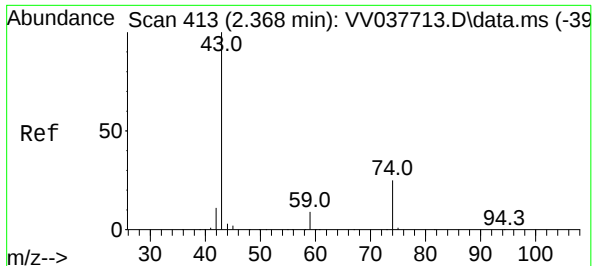
Tgt Ion: 76 Resp: 642951

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 48.023 ug/L

RT: 2.368 min Scan# 413

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

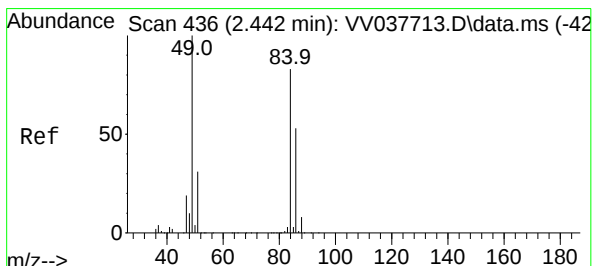
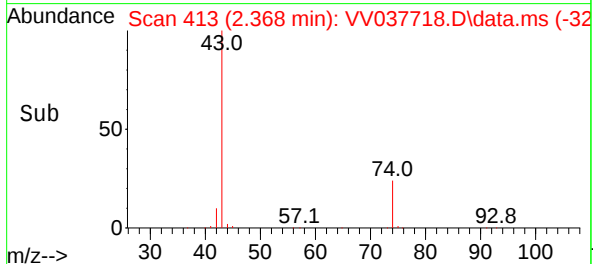
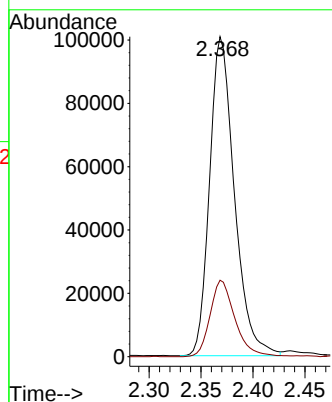
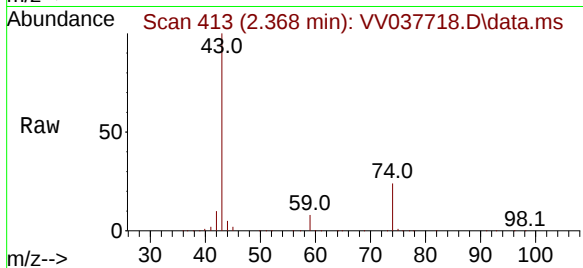
ClientSampleId :

Tgt Ion: 43 Resp: 167313

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.0



#16

Methylene chloride

Concen: 50.464 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

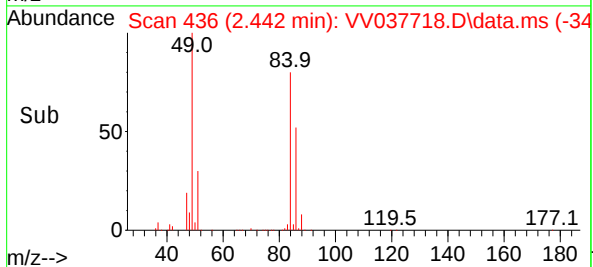
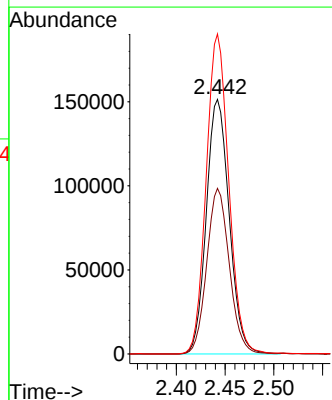
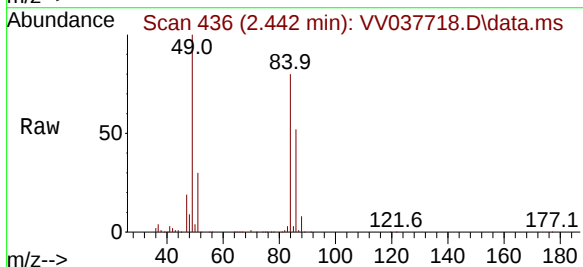
Tgt Ion: 84 Resp: 247768

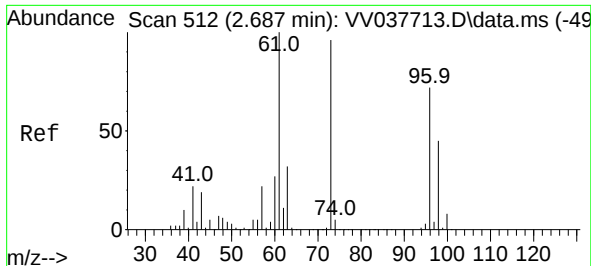
Ion Ratio Lower Upper

84 100

86 65.0 46.4 86.2

49 125.7 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 50.431 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :

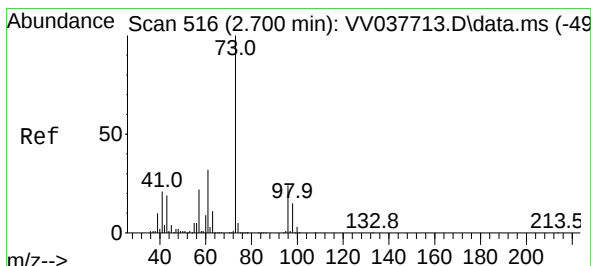
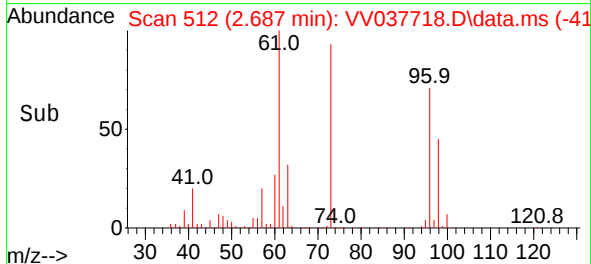
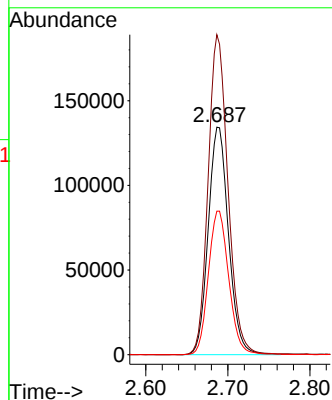
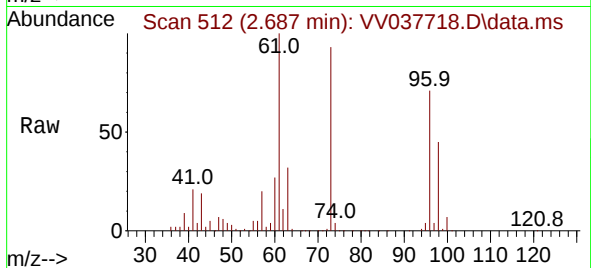
Tgt Ion: 96 Resp: 231342

Ion Ratio Lower Upper

96 100

61 140.7 97.3 180.7

98 63.1 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 50.500 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

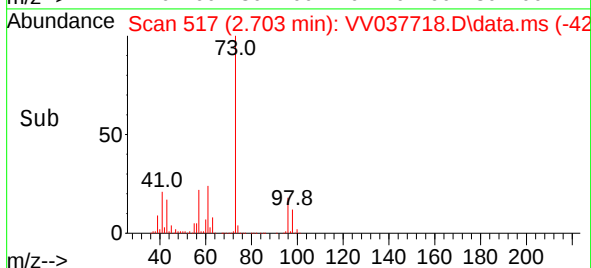
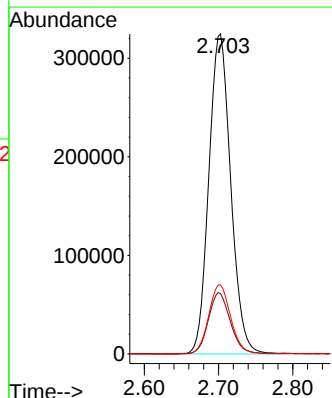
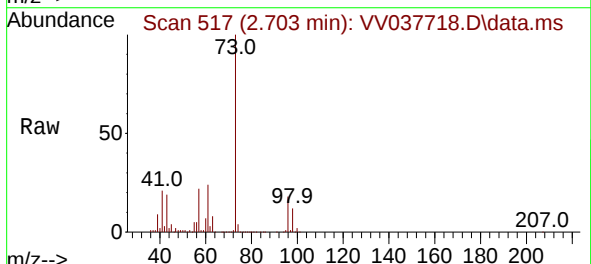
Tgt Ion: 73 Resp: 664632

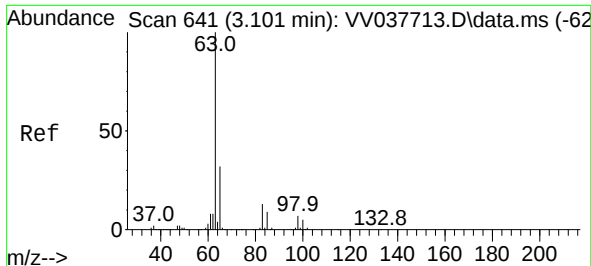
Ion Ratio Lower Upper

73 100

43 19.0 15.1 22.7

57 21.7 17.4 26.2

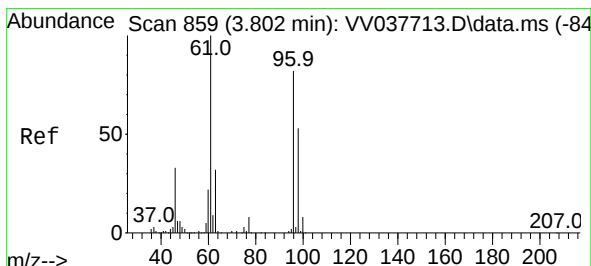
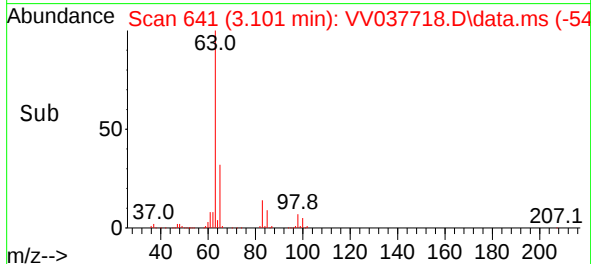
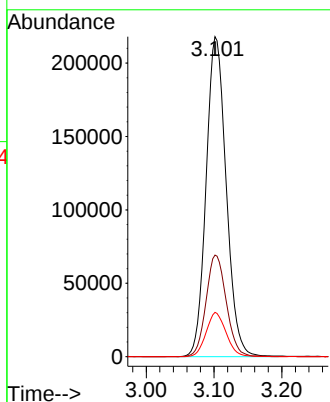
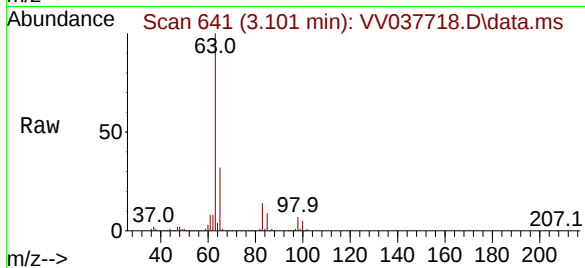




#19
1,1-Dichloroethane
Concen: 51.049 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

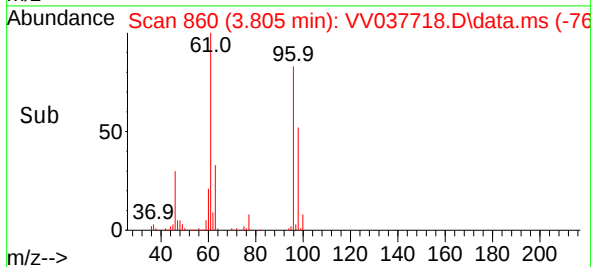
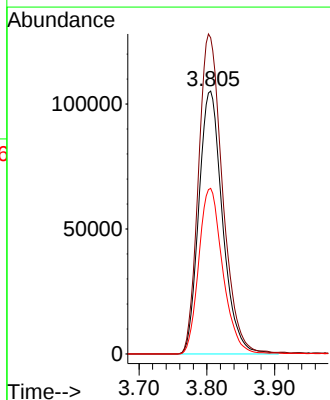
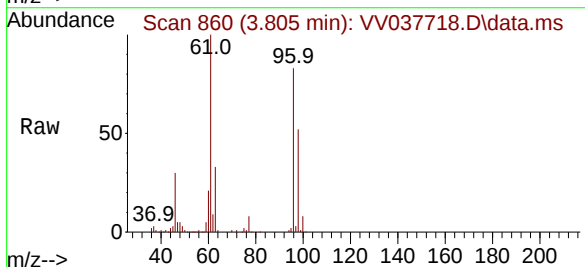
Instrument :
MSVOA_V
ClientSampleId :

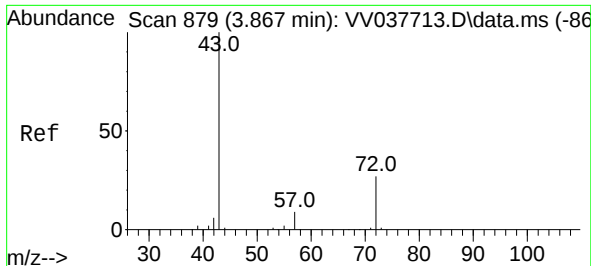
Tgt Ion: 63 Resp: 448680
Ion Ratio Lower Upper
63 100
65 31.8 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 49.775 ug/L
RT: 3.805 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion: 96 Resp: 255516
Ion Ratio Lower Upper
96 100
61 120.3 85.0 157.8
98 63.0 44.2 82.0

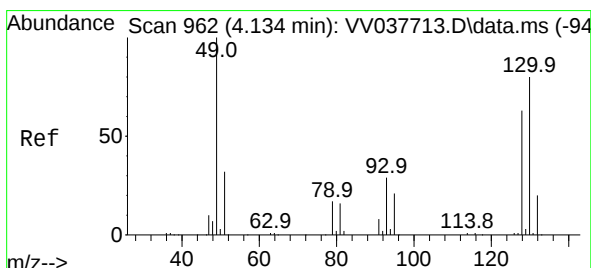
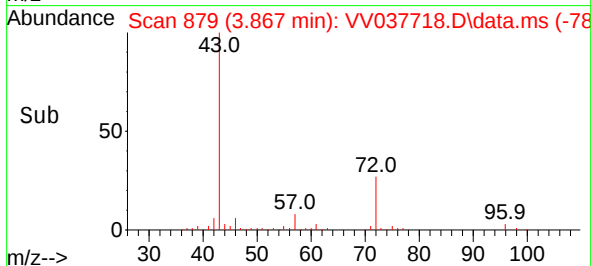
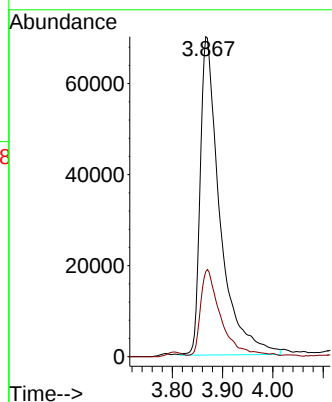
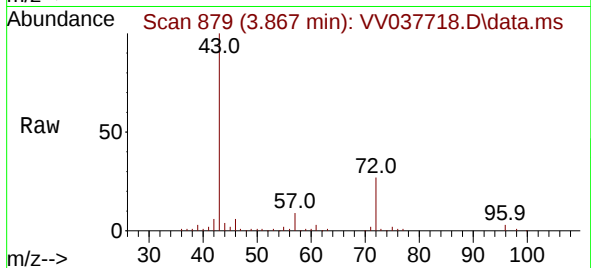




#22
2-Butanone
Concen: 85.995 ug/L
RT: 3.867 min Scan# 879
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

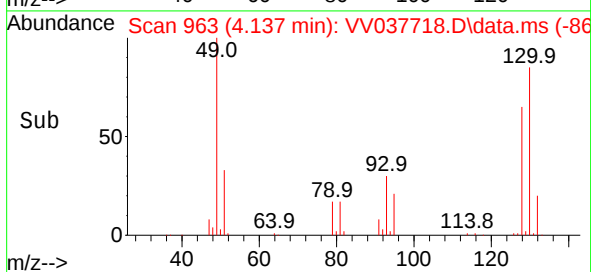
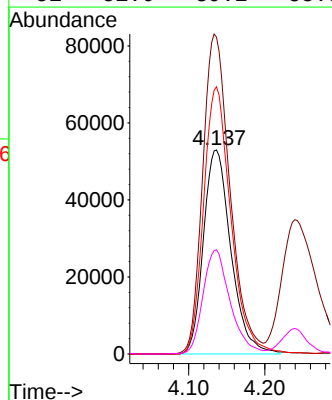
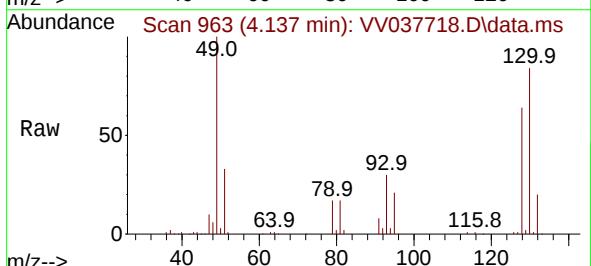
Instrument :
MSVOA_V
ClientSampleId :

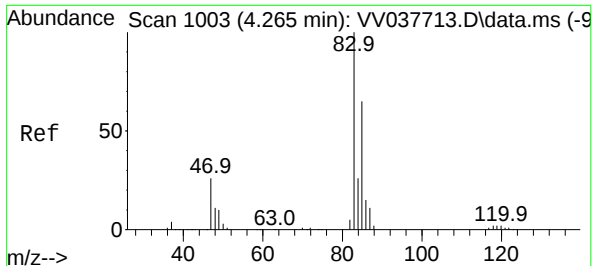
Tgt Ion: 43 Resp: 190023
Ion Ratio Lower Upper
43 100
72 26.3 14.3 42.9



#23
Bromochloromethane
Concen: 50.058 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.003 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion:128 Resp: 132925
Ion Ratio Lower Upper
128 100
49 155.3 108.7 201.9
130 131.0 90.4 168.0
51 51.0 39.2 58.8





#25

Chloroform

Concen: 50.963 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

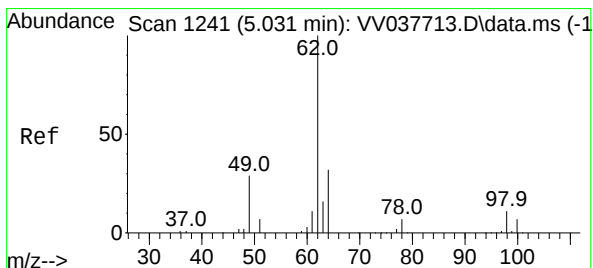
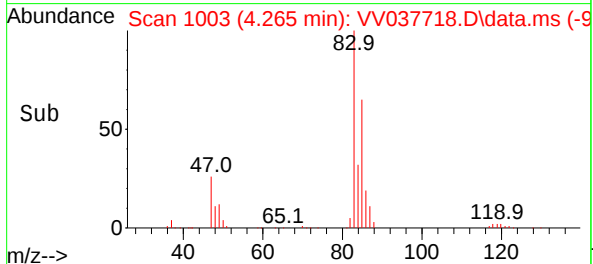
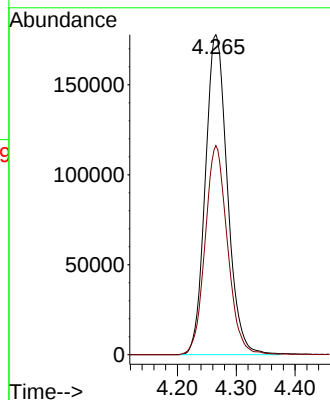
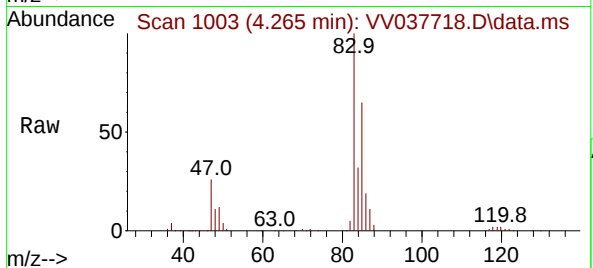
ClientSampleId :

Tgt Ion: 83 Resp: 463763

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.043 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VV037718.D

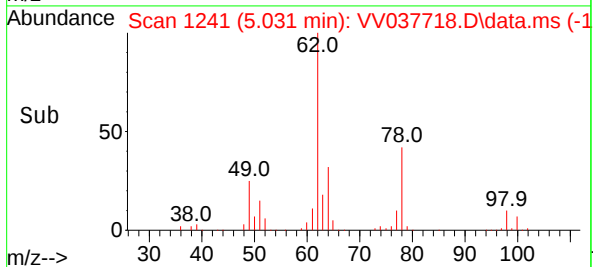
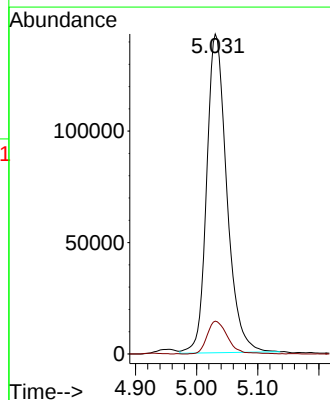
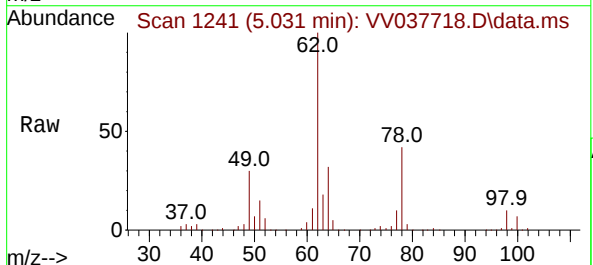
Acq: 02 Oct 2024 15:03

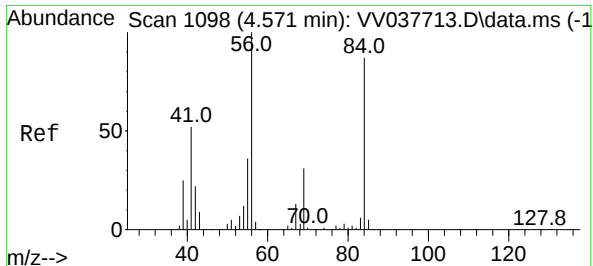
Tgt Ion: 62 Resp: 327909

Ion Ratio Lower Upper

62 100

98 10.3 8.4 12.6





#29

Cyclohexane

Concen: 48.720 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :

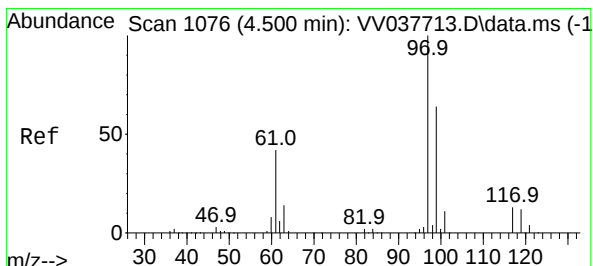
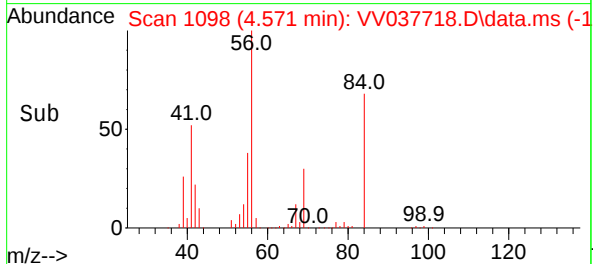
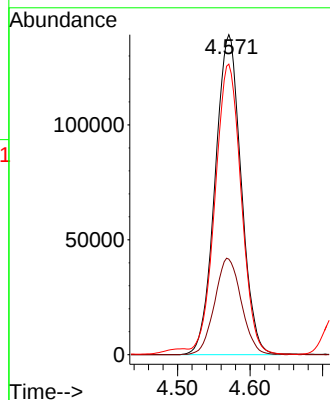
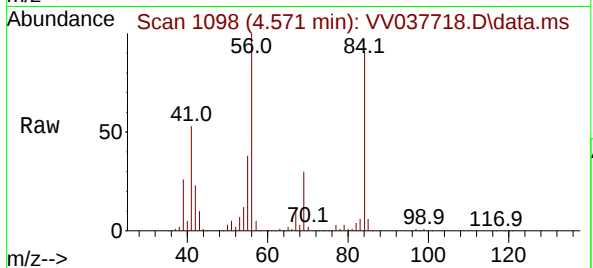
Tgt Ion: 56 Resp: 347669

Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 90.8 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 50.669 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

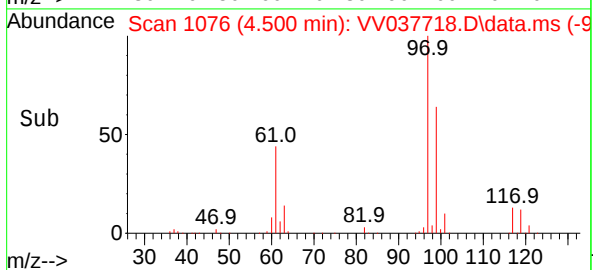
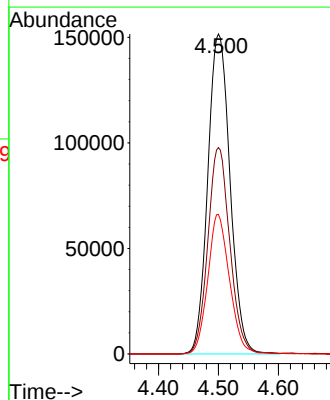
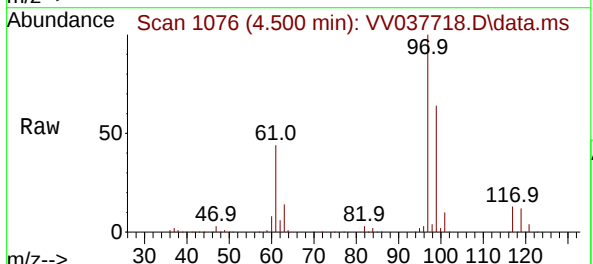
Tgt Ion: 97 Resp: 392225

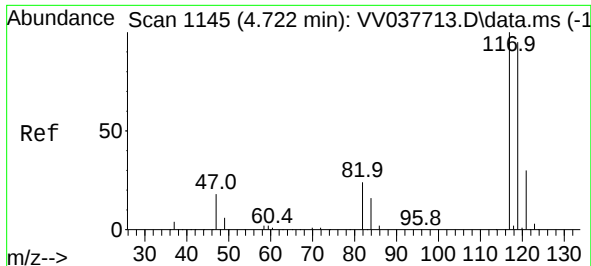
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 42.3 33.6 50.4

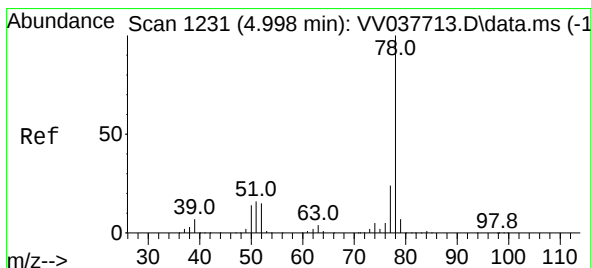
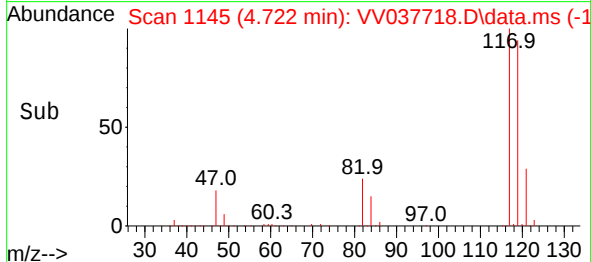
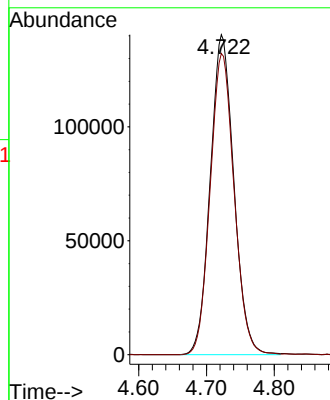
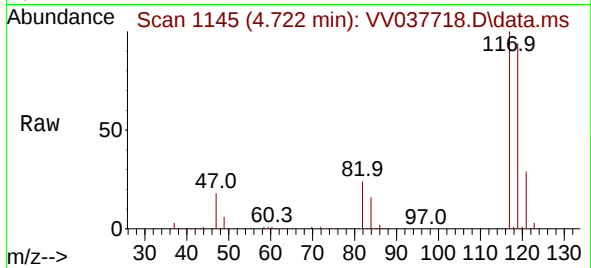




#31
Carbon tetrachloride
Concen: 50.494 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

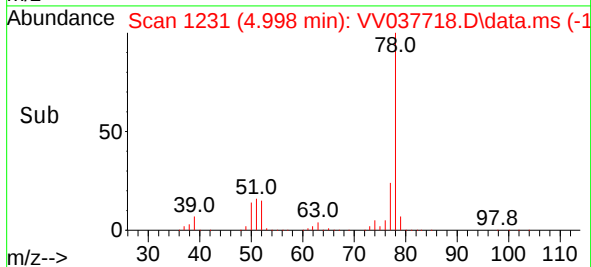
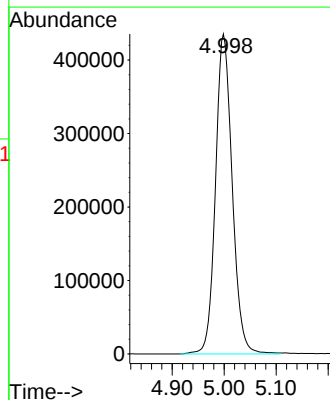
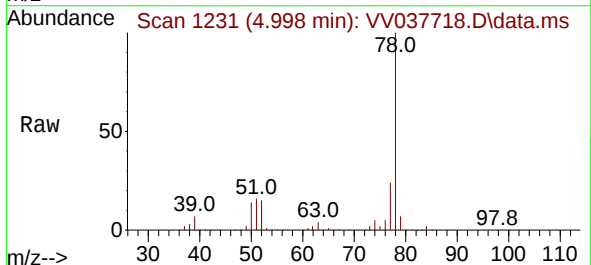
Instrument :
MSVOA_V
ClientSampleId :

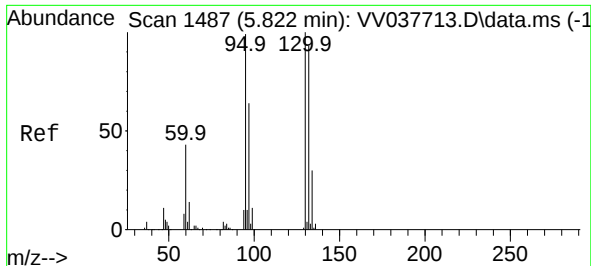
Tgt Ion:117 Resp: 339825
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 51.344 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion: 78 Resp: 973241





#34

Trichloroethene

Concen: 49.916 ug/L

RT: 5.825 min Scan# 1487

Delta R.T. 0.003 min

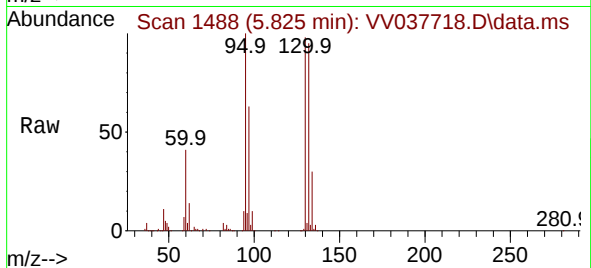
Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 251972

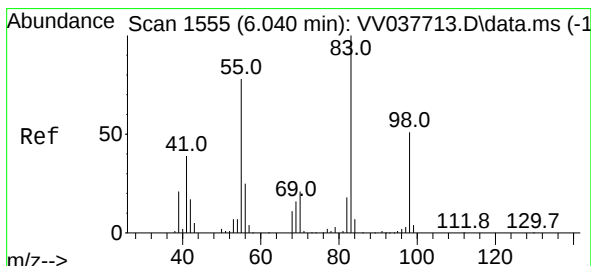
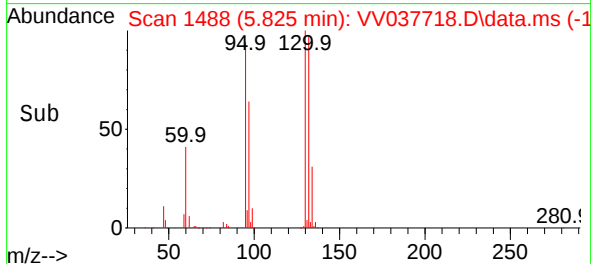
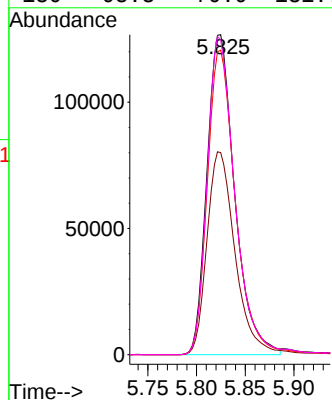
Ion Ratio Lower Upper

95 100

97 63.2 46.3 85.9

132 95.2 68.6 127.4

130 98.3 70.9 131.7



#35

Methylcyclohexane

Concen: 50.016 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

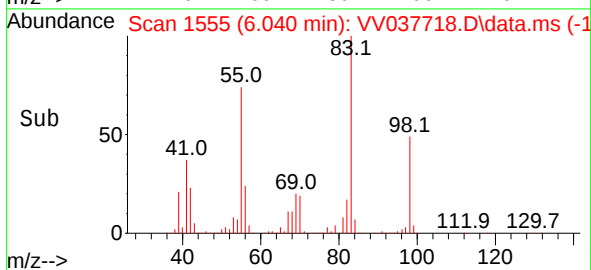
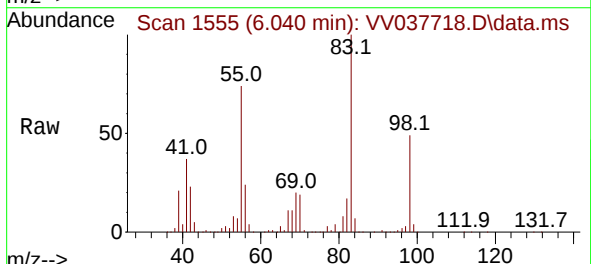
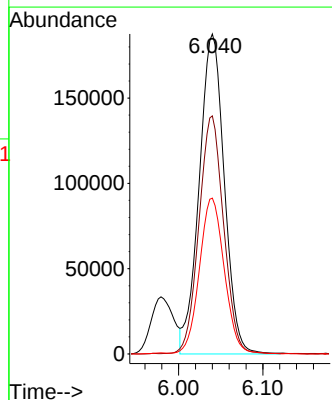
Tgt Ion: 83 Resp: 388409

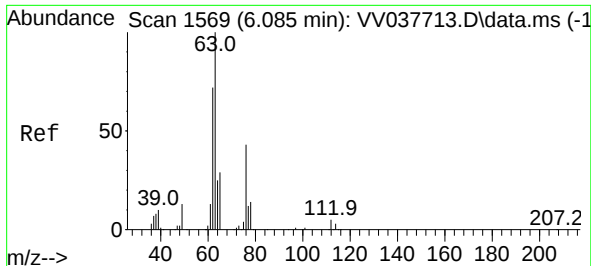
Ion Ratio Lower Upper

83 100

55 73.2 57.9 86.9

98 48.5 39.3 58.9

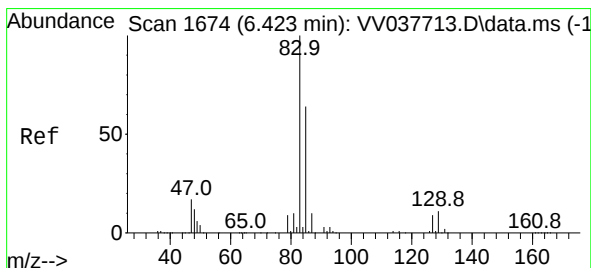
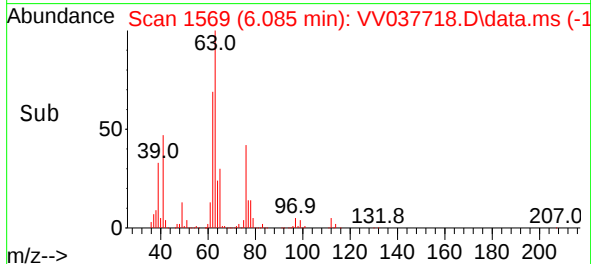
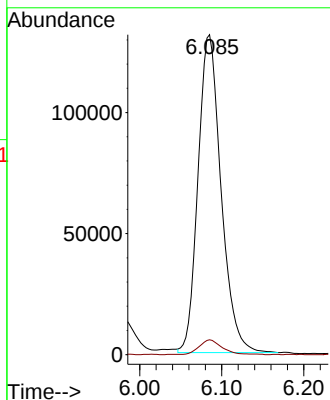
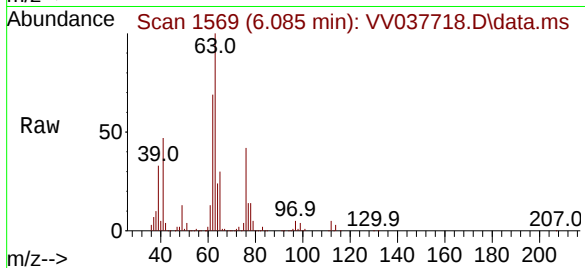




#37
1,2-Dichloropropane
Concen: 52.277 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

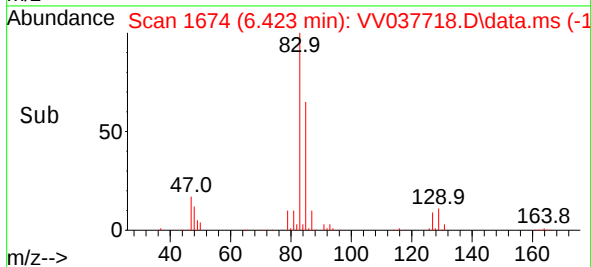
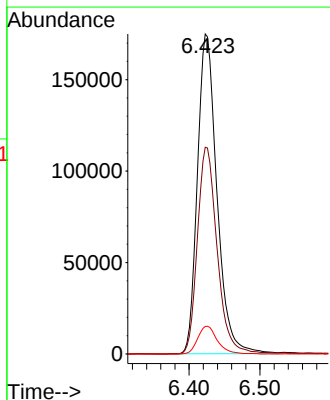
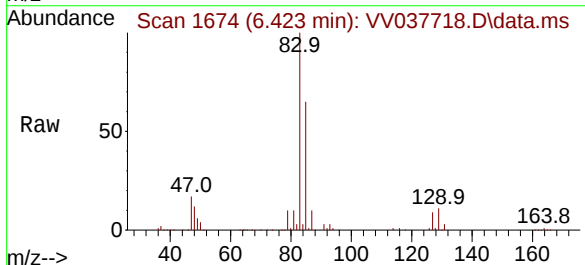
Instrument :
MSVOA_V
ClientSampleId :

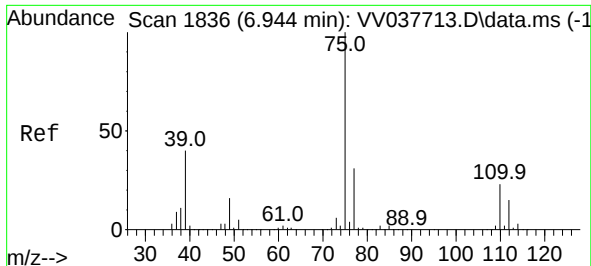
Tgt Ion: 63 Resp: 255880
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 51.226 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion: 83 Resp: 335186
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9
127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 51.871 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

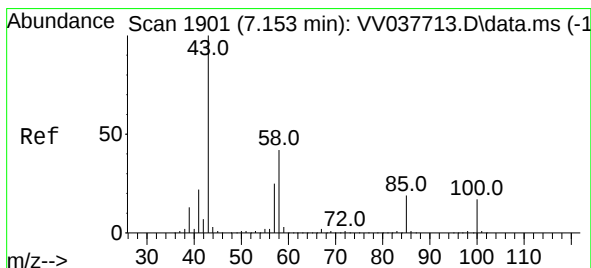
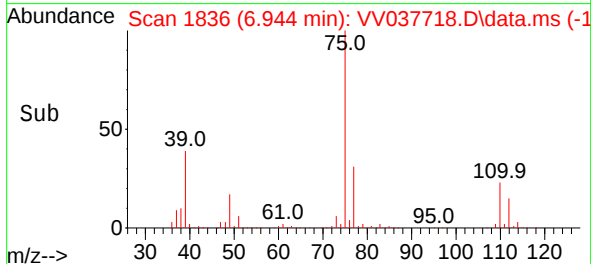
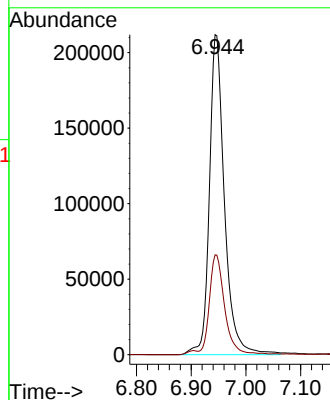
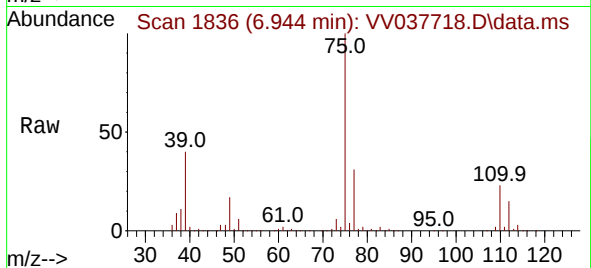
ClientSampleId :

Tgt Ion: 75 Resp: 405290

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 95.310 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

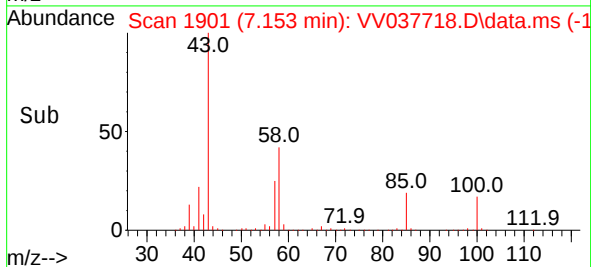
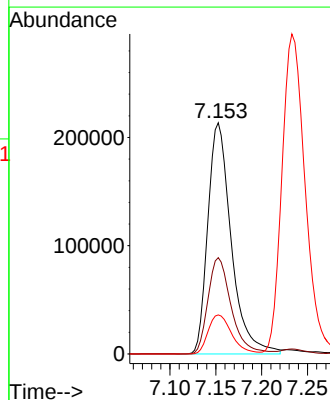
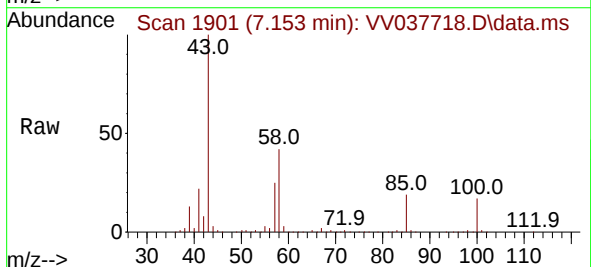
Tgt Ion: 43 Resp: 379845

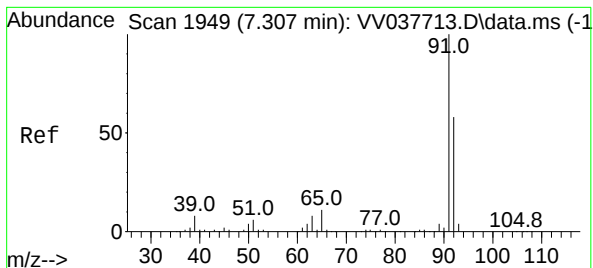
Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.4

100 17.0 13.7 20.5





#42

Toluene

Concen: 52.183 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

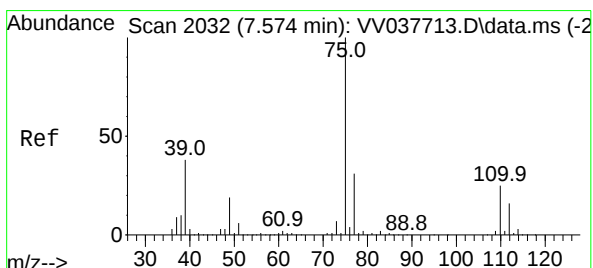
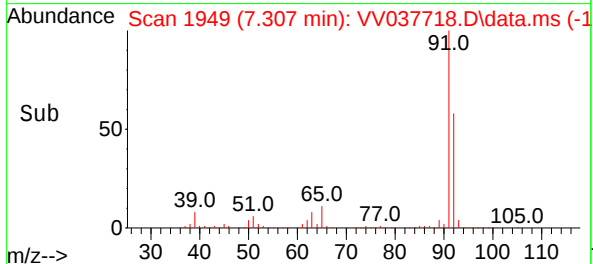
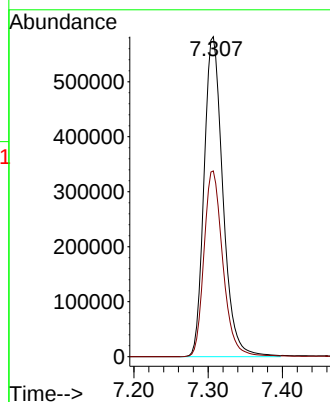
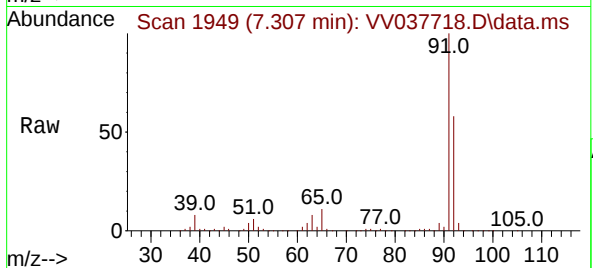
ClientSampleId :

Tgt Ion: 91 Resp: 1025424

Ion Ratio Lower Upper

91 100

92 58.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 50.812 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037718.D

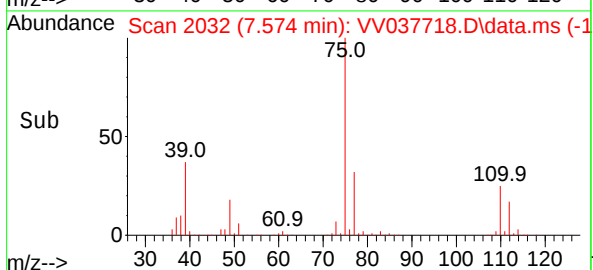
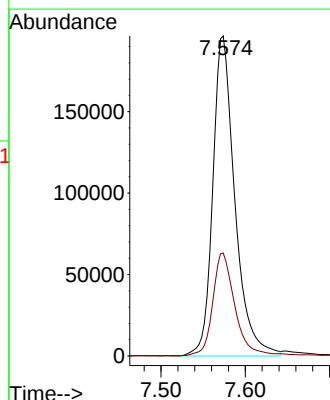
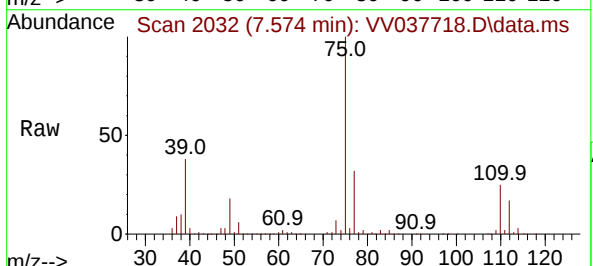
Acq: 02 Oct 2024 15:03

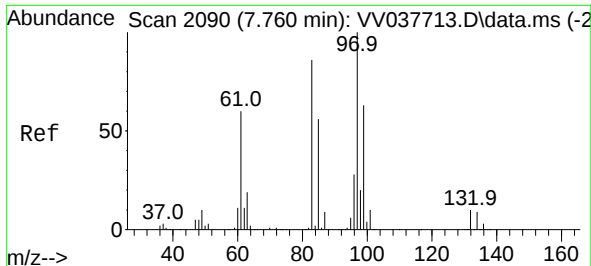
Tgt Ion: 75 Resp: 357430

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7

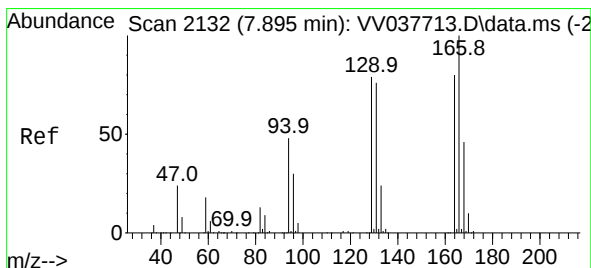
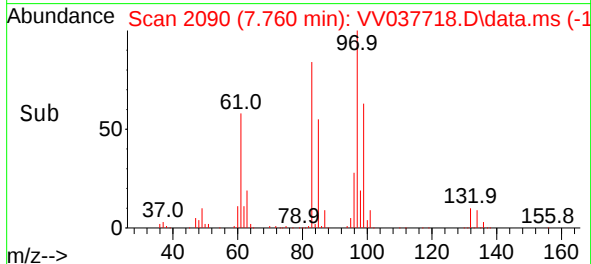
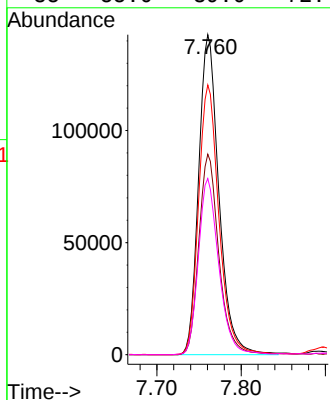
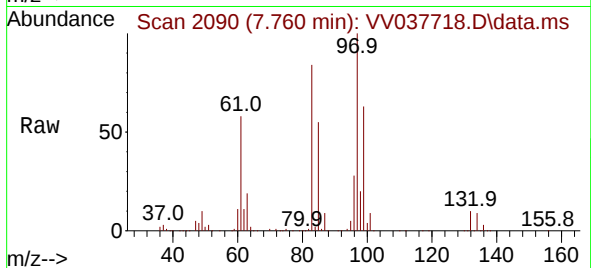




#45
1,1,2-Trichloroethane
Concen: 51.027 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

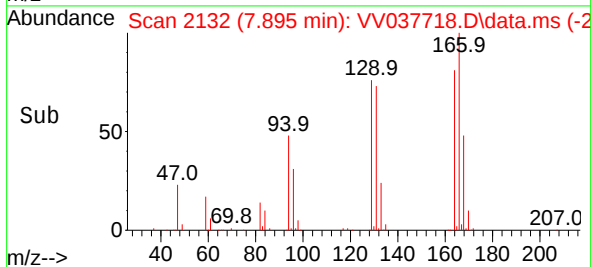
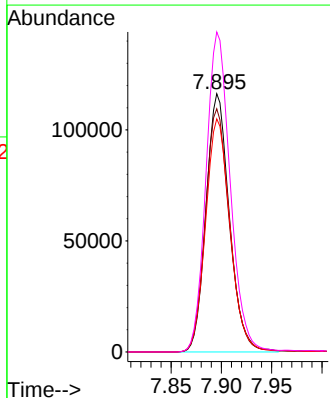
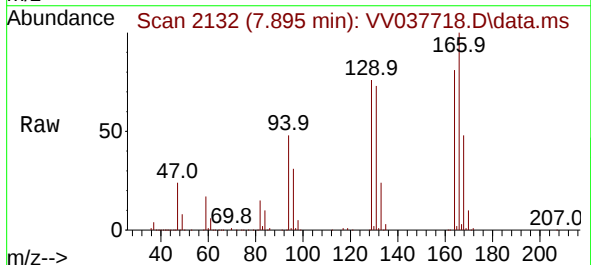
Instrument :
MSVOA_V
ClientSampleId :

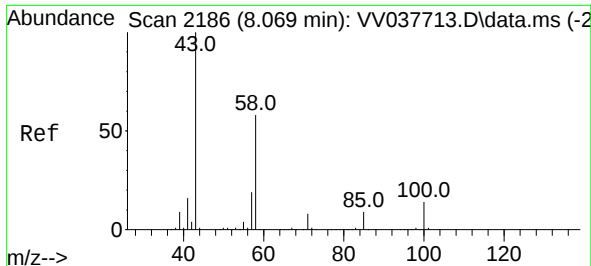
Tgt Ion:	97	Resp:	239826
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.1	81.9
83	84.3	59.3	110.1
85	55.0	39.0	72.4



#46
Tetrachloroethene
Concen: 48.846 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion:	164	Resp:	188521
Ion	Ratio	Lower	Upper
164	100		
129	94.2	68.2	126.6
131	90.3	66.1	122.8
166	123.9	91.1	169.1





#48

2-Hexanone

Concen: 90.908 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.000 min

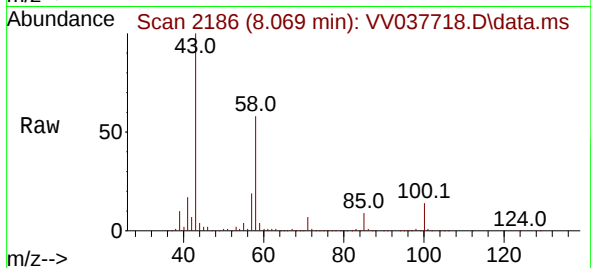
Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 281716

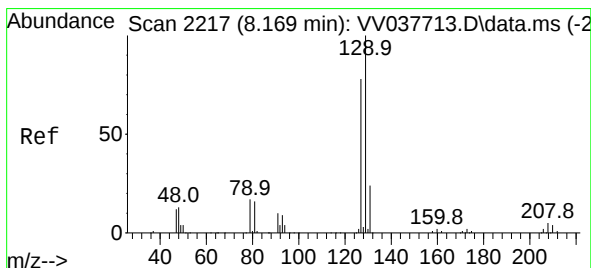
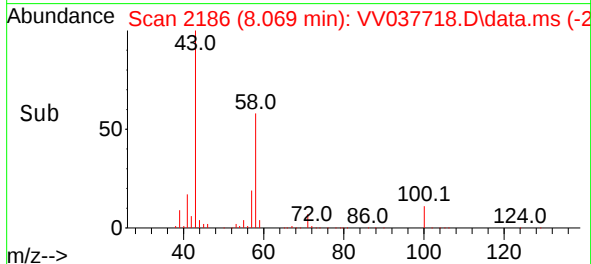
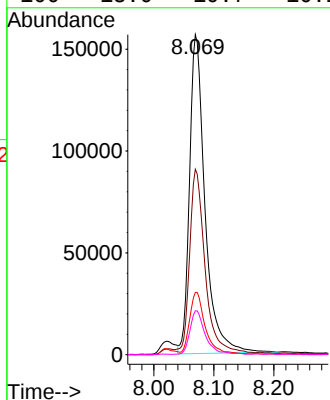
Ion Ratio Lower Upper

43 100

58 57.2 46.5 69.7

57 19.7 15.1 22.7

100 13.0 10.7 16.1



#49

Dibromochloromethane

Concen: 50.752 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV037718.D

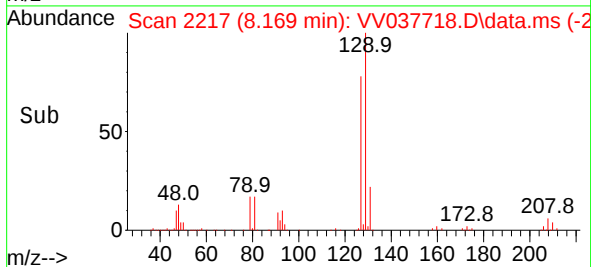
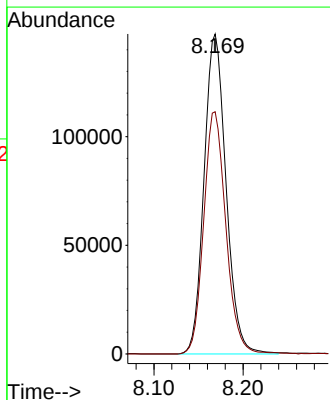
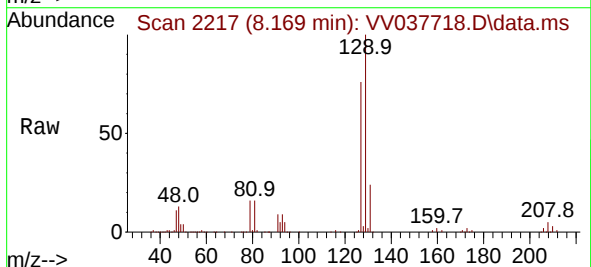
Acq: 02 Oct 2024 15:03

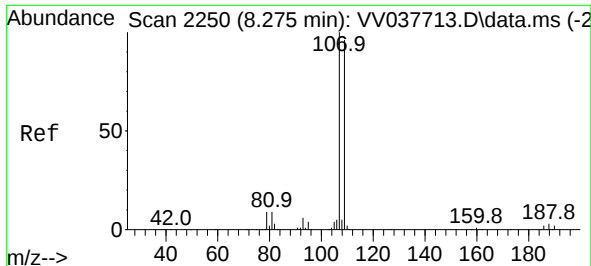
Tgt Ion: 129 Resp: 252458

Ion Ratio Lower Upper

129 100

127 75.7 54.9 101.9

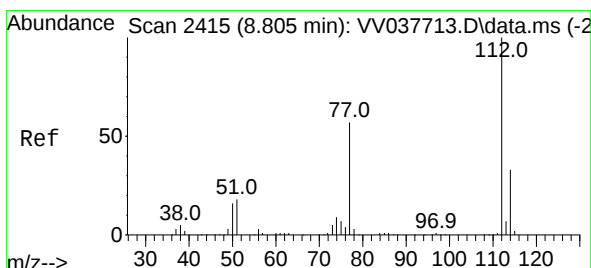
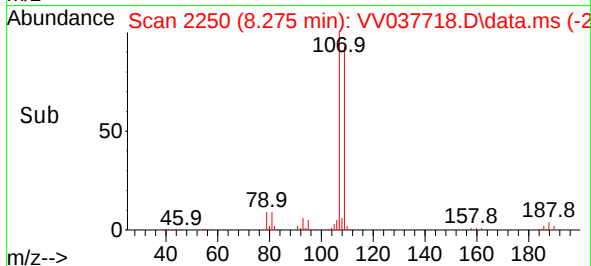
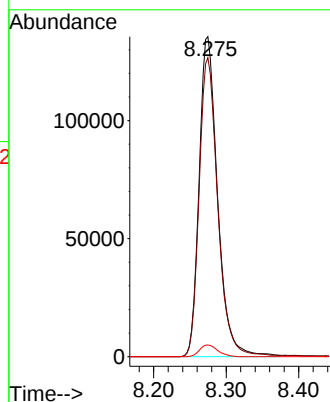
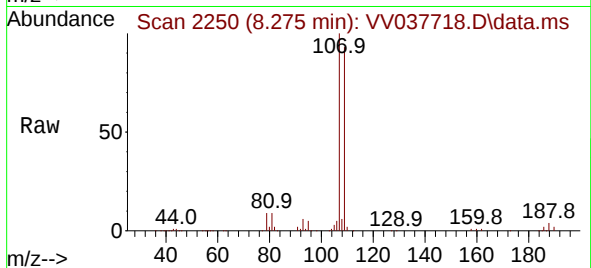




#50
1,2-Dibromoethane
Concen: 49.476 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

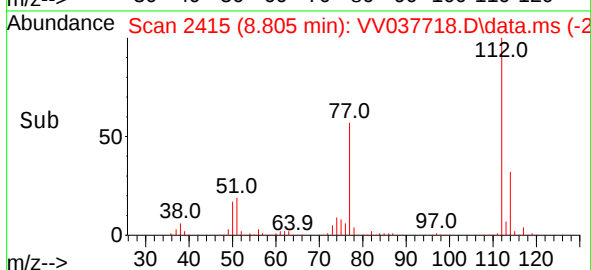
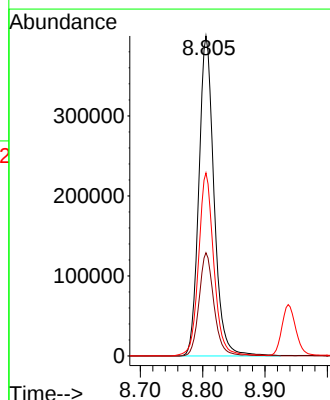
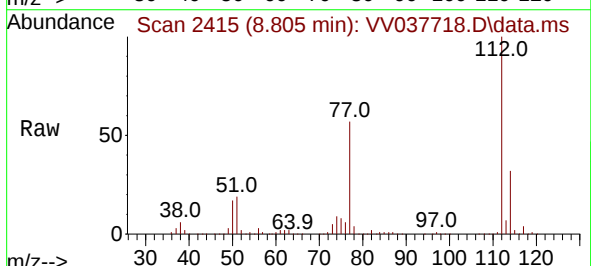
Instrument :
MSVOA_V
ClientSampleId :

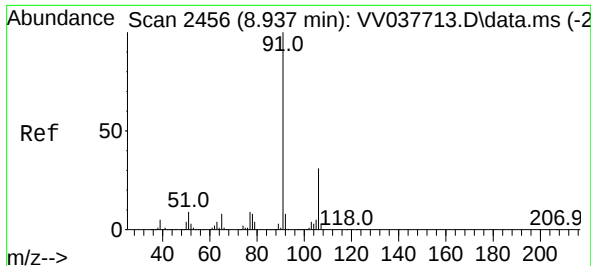
Tgt Ion:107 Resp: 240372
Ion Ratio Lower Upper
107 100
109 93.5 65.7 121.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 50.565 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion:112 Resp: 676956
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 57.2 45.8 68.8





#52

Ethylbenzene

Concen: 50.948 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

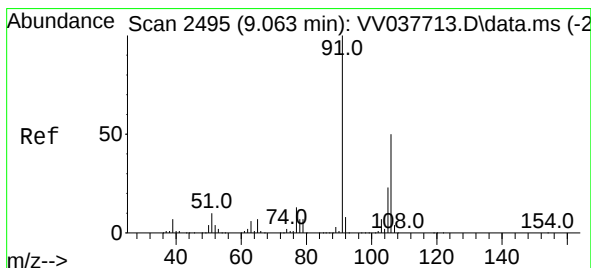
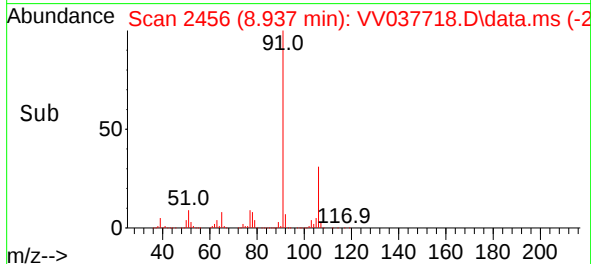
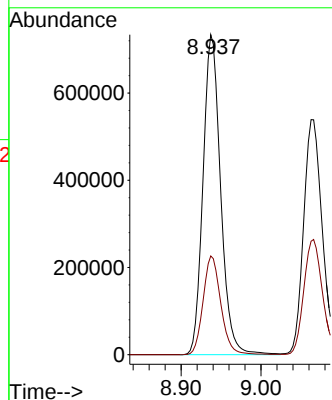
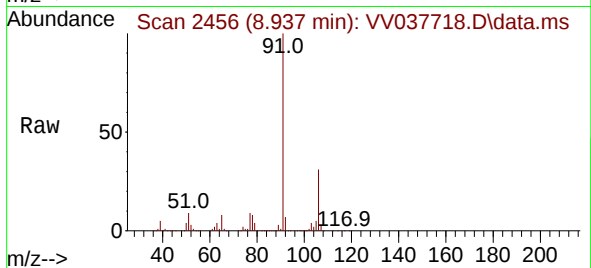
ClientSampleId :

Tgt Ion: 91 Resp: 1126951

Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7



#53

m,p-Xylene

Concen: 52.351 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037718.D

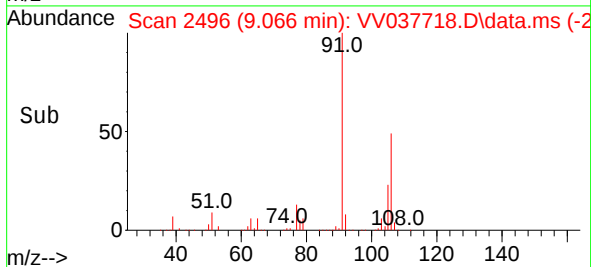
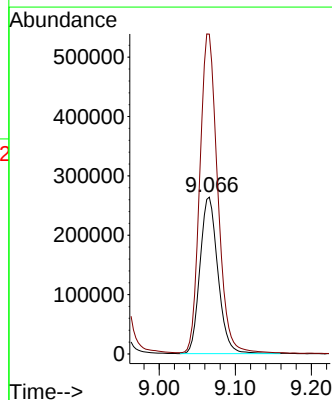
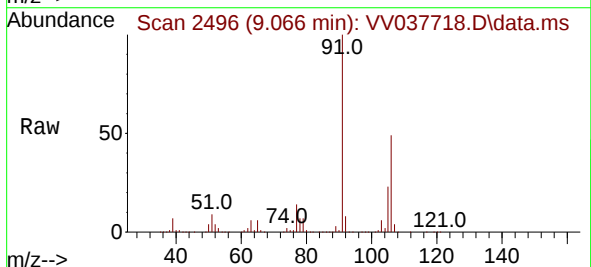
Acq: 02 Oct 2024 15:03

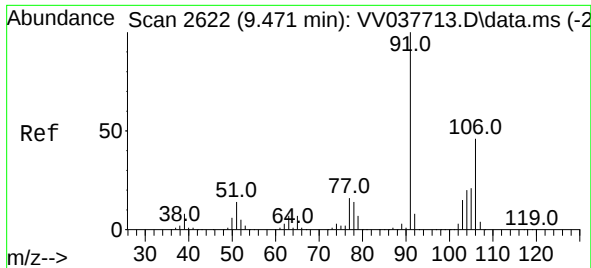
Tgt Ion:106 Resp: 430967

Ion Ratio Lower Upper

106 100

91 204.0 142.0 263.6

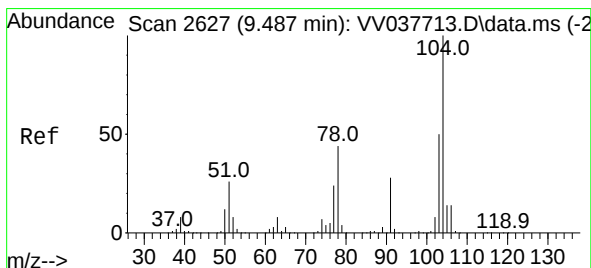
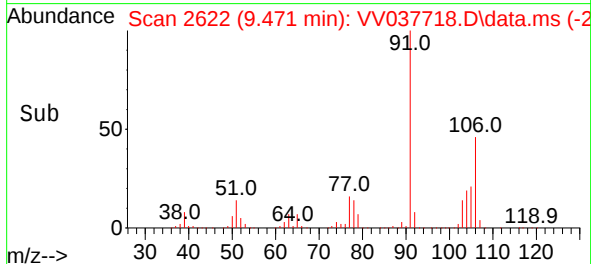
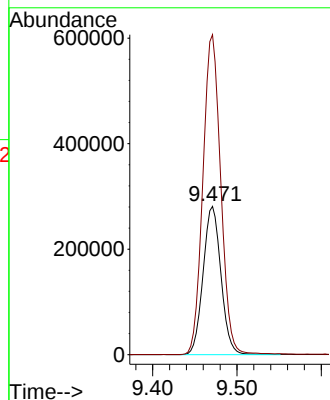
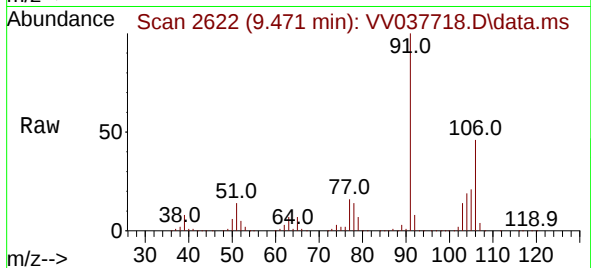




#54
o-Xylene
Concen: 51.732 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

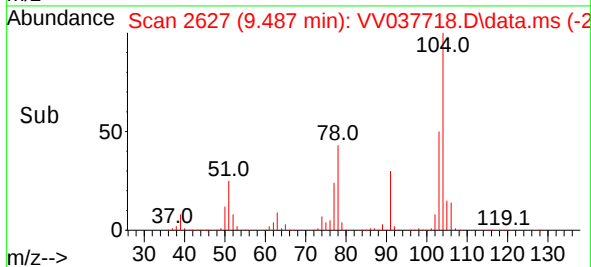
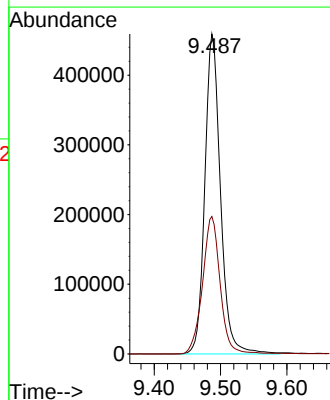
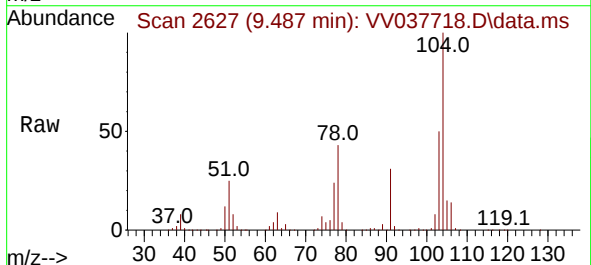
Instrument :
MSVOA_V
ClientSampleId :

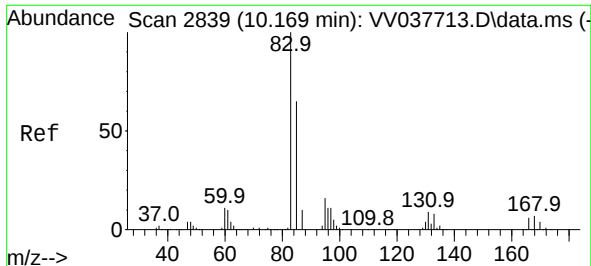
Tgt Ion:106 Resp: 415777
Ion Ratio Lower Upper
106 100
91 215.7 153.9 285.9



#55
Styrene
Concen: 53.859 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion:104 Resp: 753559
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 48.296 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :

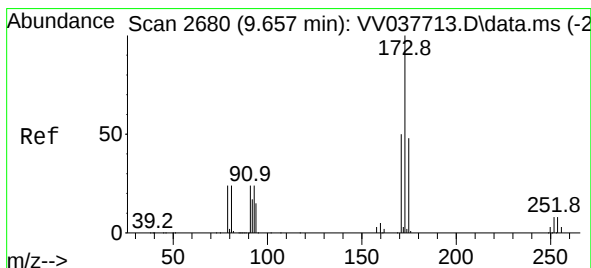
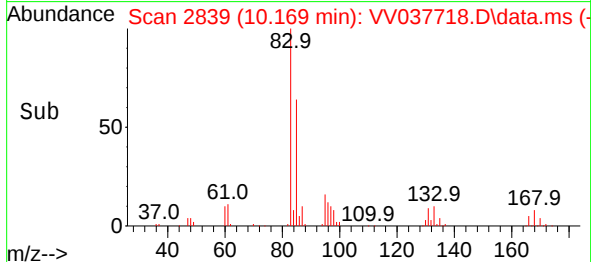
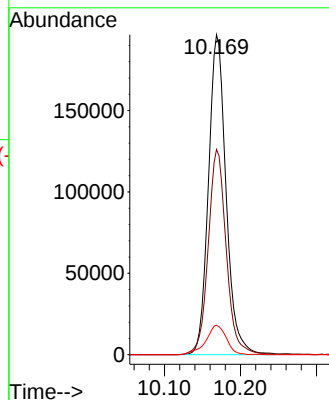
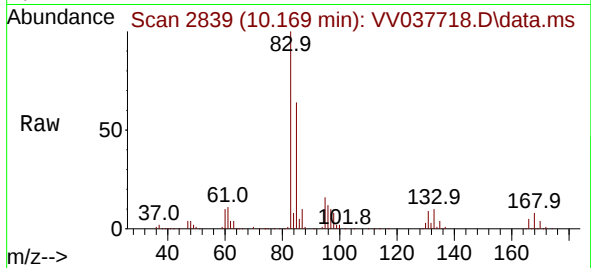
Tgt Ion: 83 Resp: 316473

Ion Ratio Lower Upper

83 100

85 64.2 45.9 85.3

131 9.2 7.9 11.9



#59

Bromoform

Concen: 47.122 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

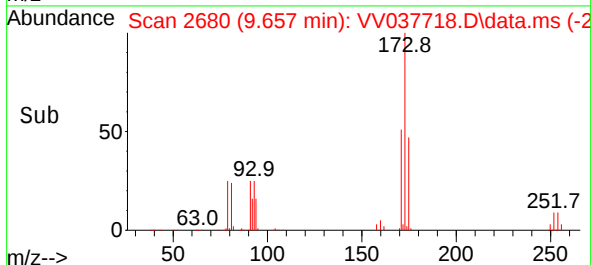
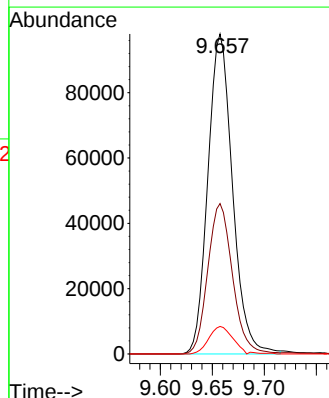
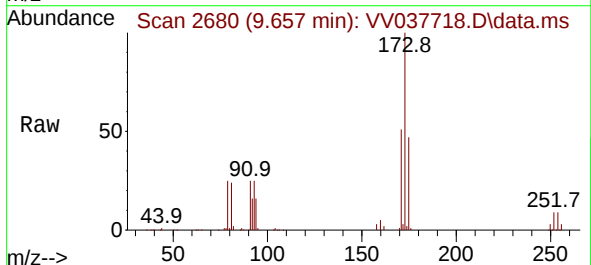
Tgt Ion: 173 Resp: 161139

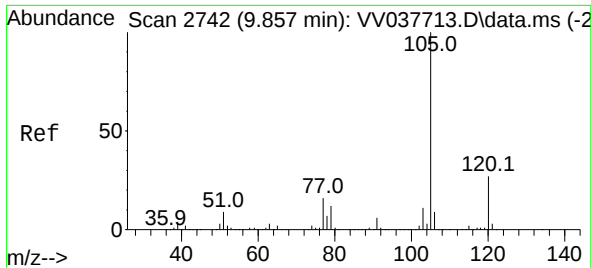
Ion Ratio Lower Upper

173 100

175 47.1 40.0 60.0

254 8.3 6.5 9.7

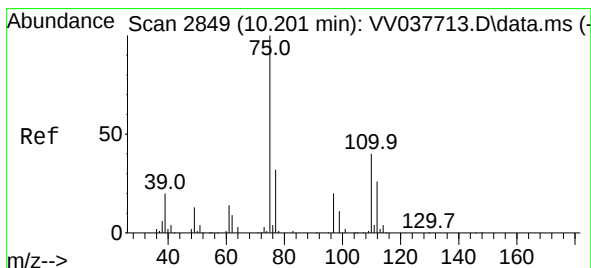
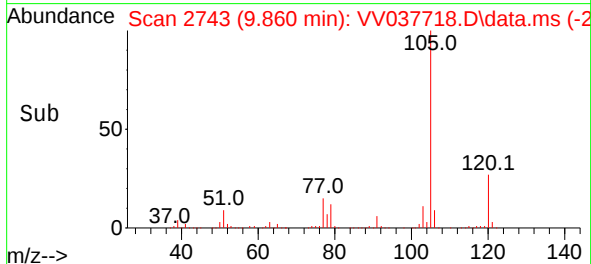
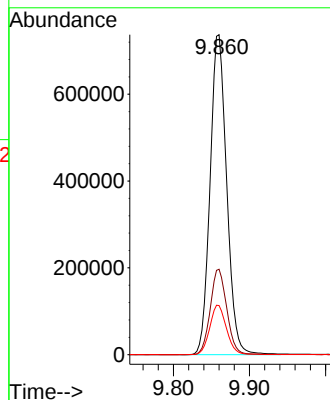
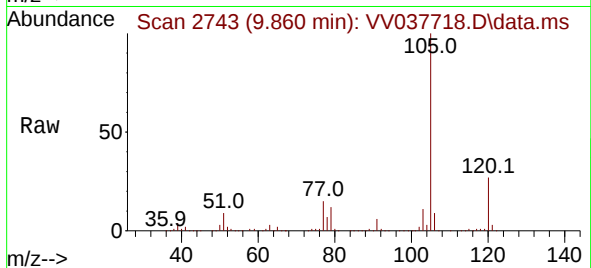




#60
Isopropylbenzene
Concen: 49.155 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

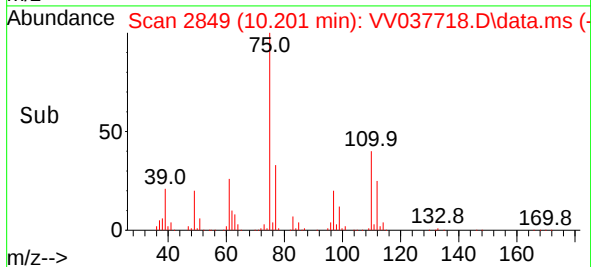
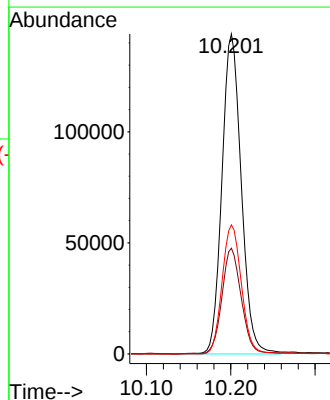
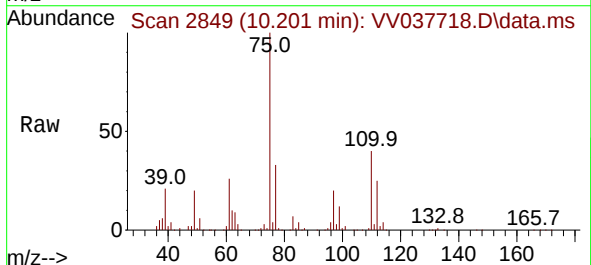
Instrument :
MSVOA_V
ClientSampleId :

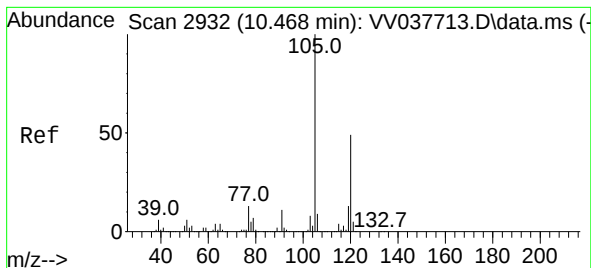
Tgt Ion:105 Resp: 1118122
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 45.899 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion: 75 Resp: 228512
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
110 40.4 31.7 47.5

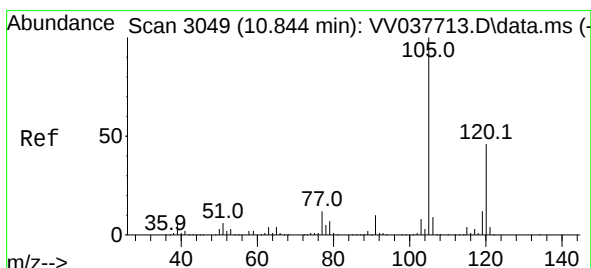
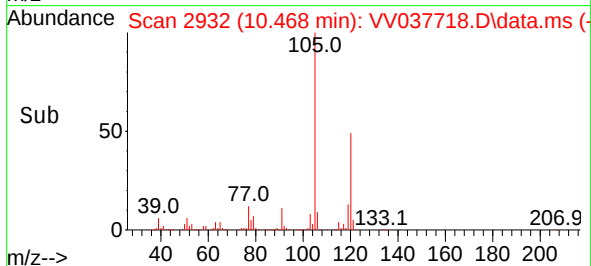
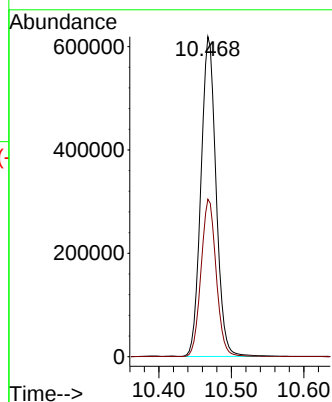
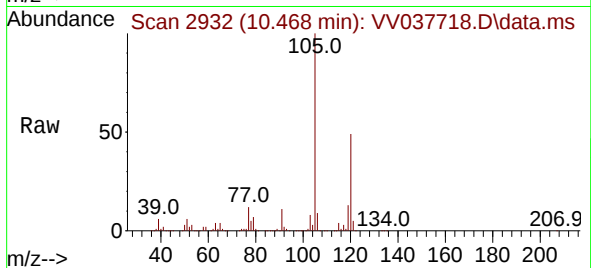




#62
1,3,5-Trimethylbenzene
Concen: 49.941 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

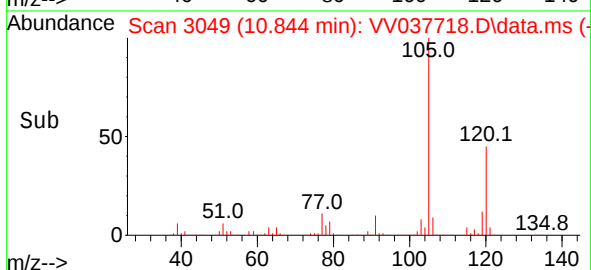
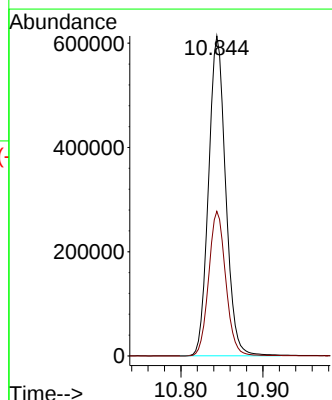
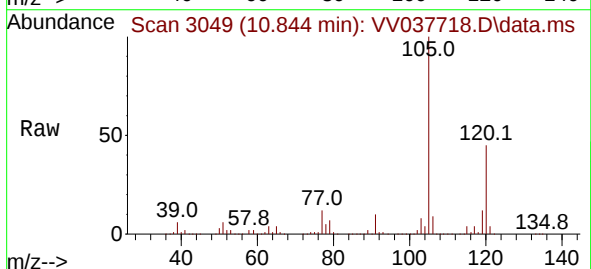
Instrument :
MSVOA_V
ClientSampleId :

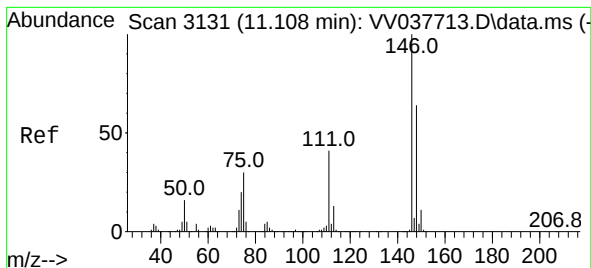
Tgt Ion:105 Resp: 898127
Ion Ratio Lower Upper
105 100
120 49.2 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 49.896 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VV037718.D
Acq: 02 Oct 2024 15:03

Tgt Ion:105 Resp: 892798
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 49.217 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :

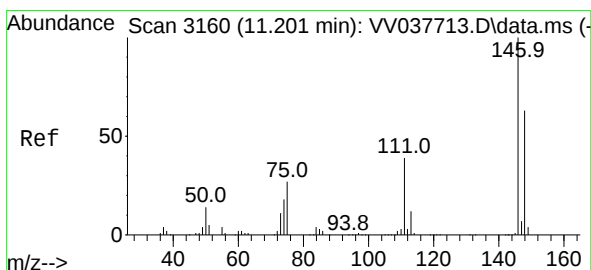
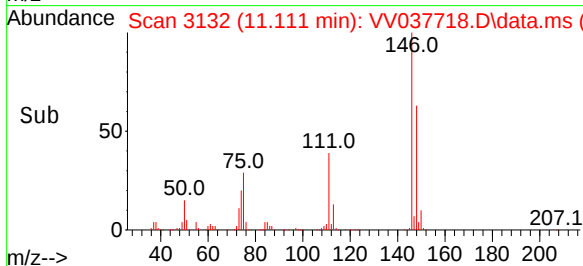
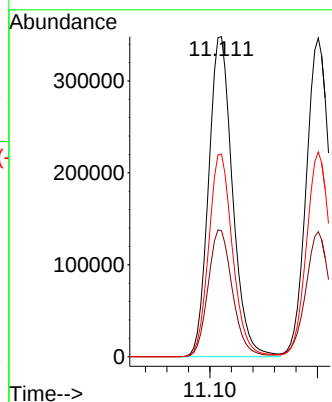
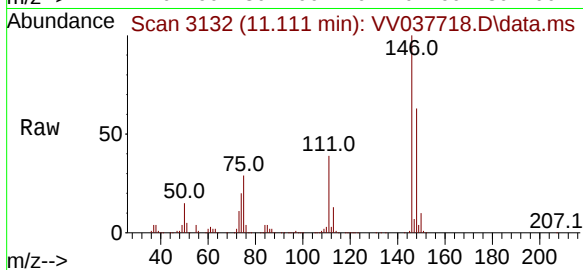
Tgt Ion:146 Resp: 538871

Ion Ratio Lower Upper

146 100

111 39.3 28.3 52.5

148 63.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 49.026 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

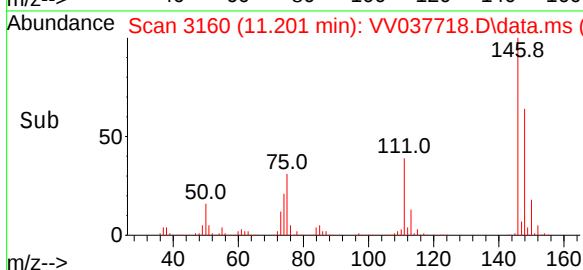
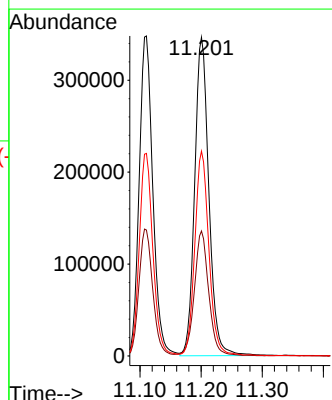
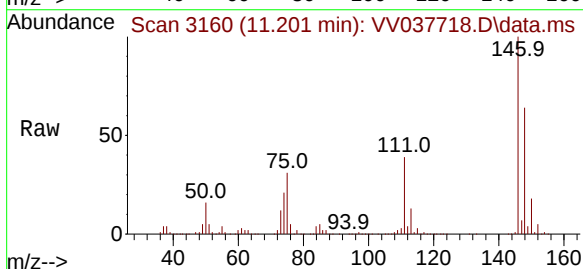
Tgt Ion:146 Resp: 558932

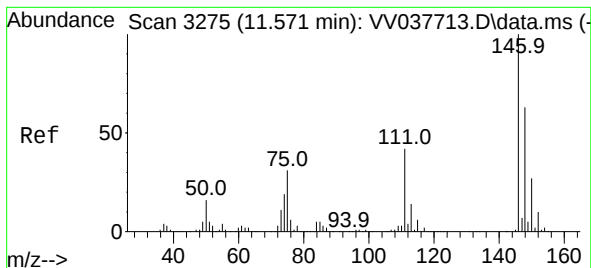
Ion Ratio Lower Upper

146 100

111 39.2 27.6 51.4

148 64.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 48.118 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :

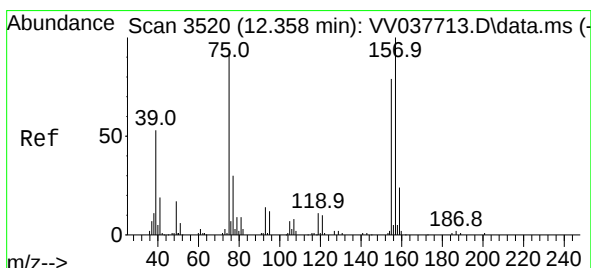
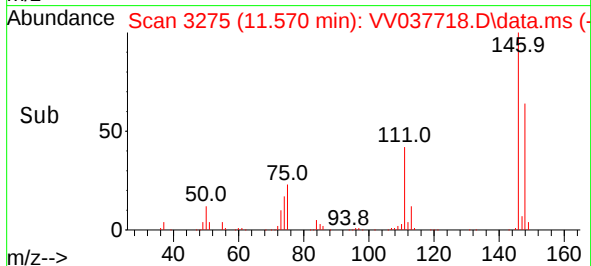
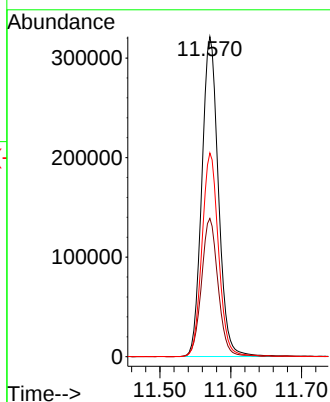
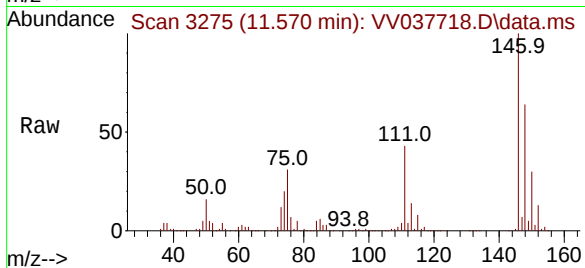
Tgt Ion:146 Resp: 520810

Ion Ratio Lower Upper

146 100

111 43.2 34.2 51.2

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 42.130 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

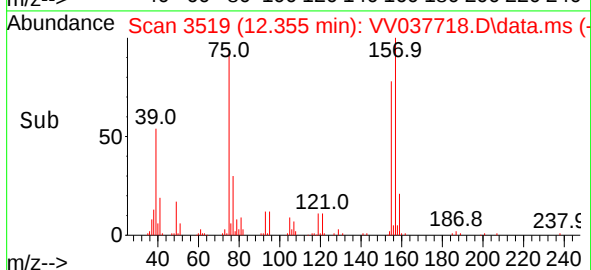
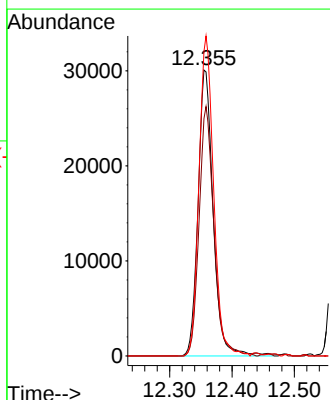
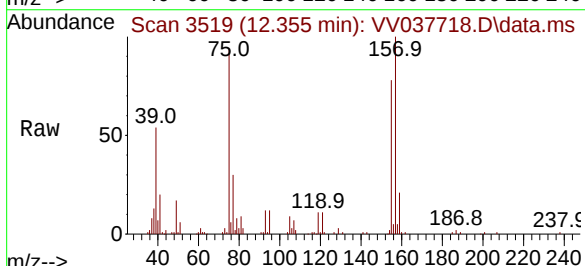
Tgt Ion: 75 Resp: 50915

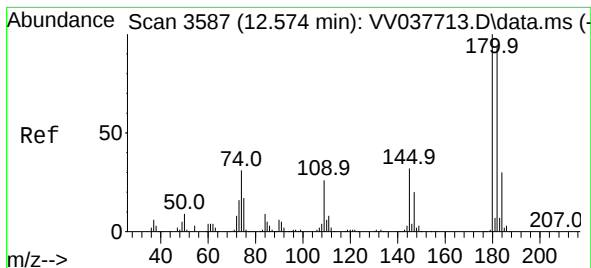
Ion Ratio Lower Upper

75 100

155 83.0 66.2 99.4

157 106.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.157 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

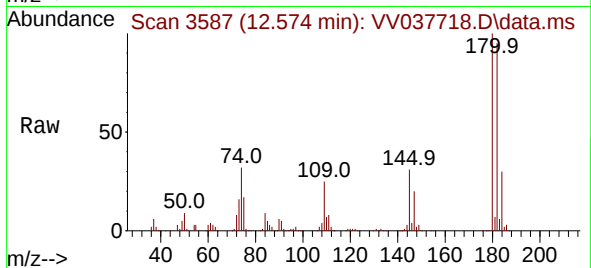
Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 355054

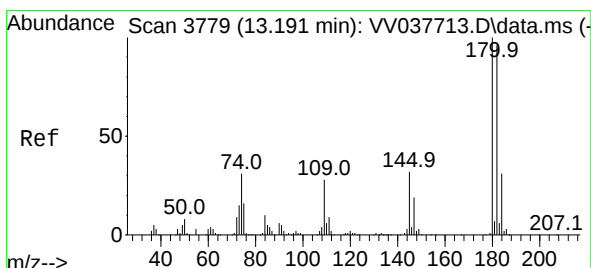
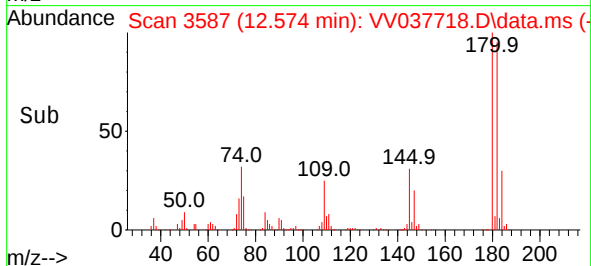
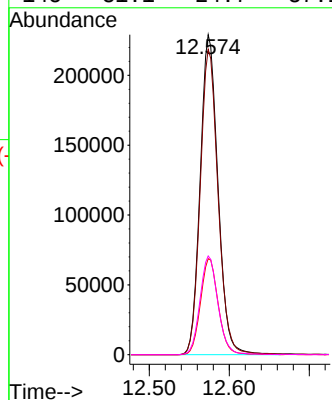
Ion Ratio Lower Upper

180 100

182 95.4 75.6 113.4

184 29.8 23.8 35.6

145 31.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 45.856 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

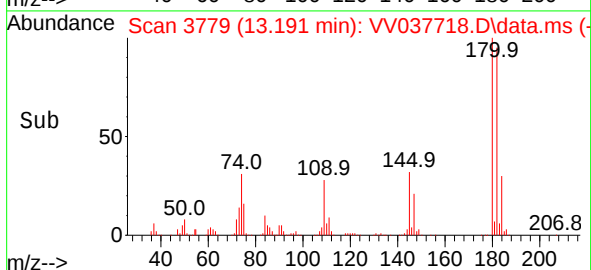
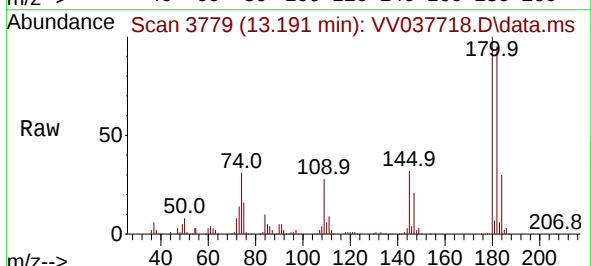
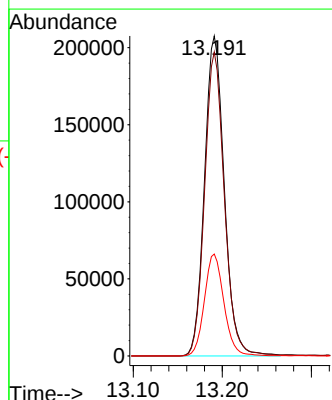
Tgt Ion:180 Resp: 320335

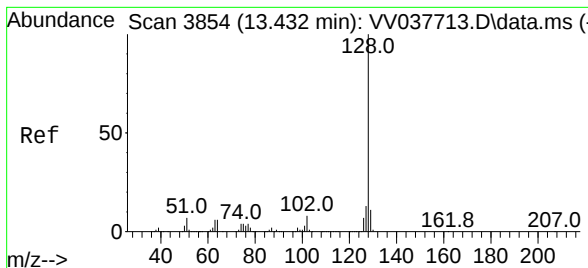
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.4 25.4 38.2





#71

Naphthalene

Concen: 41.548 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Instrument :

MSVOA_V

ClientSampleId :

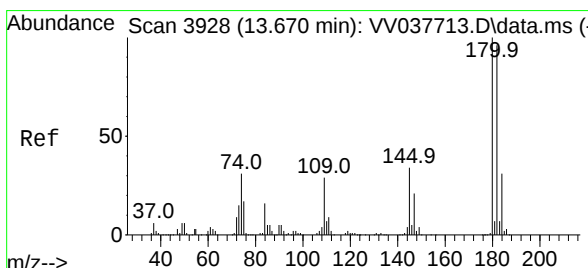
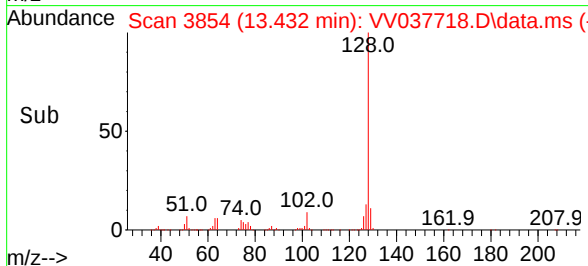
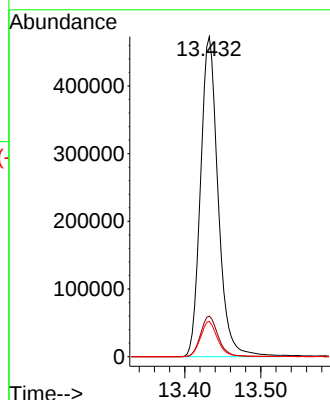
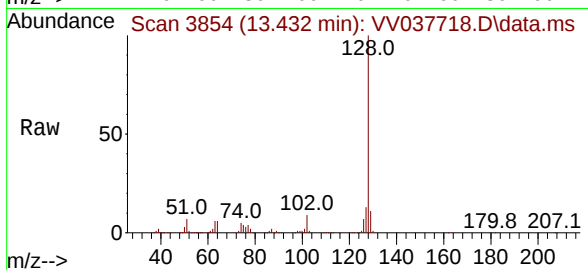
Tgt Ion:128 Resp: 758298

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 45.093 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037718.D

Acq: 02 Oct 2024 15:03

Tgt Ion:180 Resp: 311071

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

145 34.0 26.2 39.4

