

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037640.D
 Acq On : 28 Sep 2024 03:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	621536	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	607589	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	331485	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	203981	37.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.780%
7) Chloroethane-d5	1.532	69	181937	42.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	2.059	65	96111	42.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.320%
21) 2-Butanone-d5	3.793	46	173191	89.120	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.120%
24) Chloroform-d	4.243	84	482627	49.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	4.937	65	286824	50.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
32) Benzene-d6	4.953	84	911312	47.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
36) 1,2-Dichloropropane-d6	5.982	67	301170	49.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.500%
41) Toluene-d8	7.236	98	853559	49.510	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
43) trans-1,3-Dichloroprop...	7.548	79	130496	46.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.800%
47) 2-Hexanone-d5	8.024	63	123410	96.535	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.530%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	355584	50.548	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.554	152	344673	49.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	273835	51.753	ug/L	99
3) Chloromethane	1.217	50	266800	51.938	ug/L	100
5) Vinyl chloride	1.285	62	283733	51.521	ug/L	100
6) Bromomethane	1.487	94	152400	49.866	ug/L	98
8) Chloroethane	1.548	64	175843	51.804	ug/L	100
9) Trichlorofluoromethane	1.715	101	393764	53.118	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	226139	51.050	ug/L	99
12) 1,1-Dichloroethene	2.069	96	216959	52.432	ug/L	85
13) Acetone	2.111	43	124332	65.263	ug/L	99
14) Carbon disulfide	2.240	76	638724	49.452	ug/L	100
15) Methyl Acetate	2.371	43	170017	51.139	ug/L	99
16) Methylene chloride	2.445	84	242835	51.830	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	226356	51.709	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	659255	52.492	ug/L	99
19) 1,1-Dichloroethane	3.104	63	445466	53.113	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	260953	53.271	ug/L	98
22) 2-Butanone	3.873	43	170466	80.842	ug/L	100
23) Bromochloromethane	4.140	128	132467	52.277	ug/L	99
25) Chloroform	4.272	83	457666	52.704	ug/L	98

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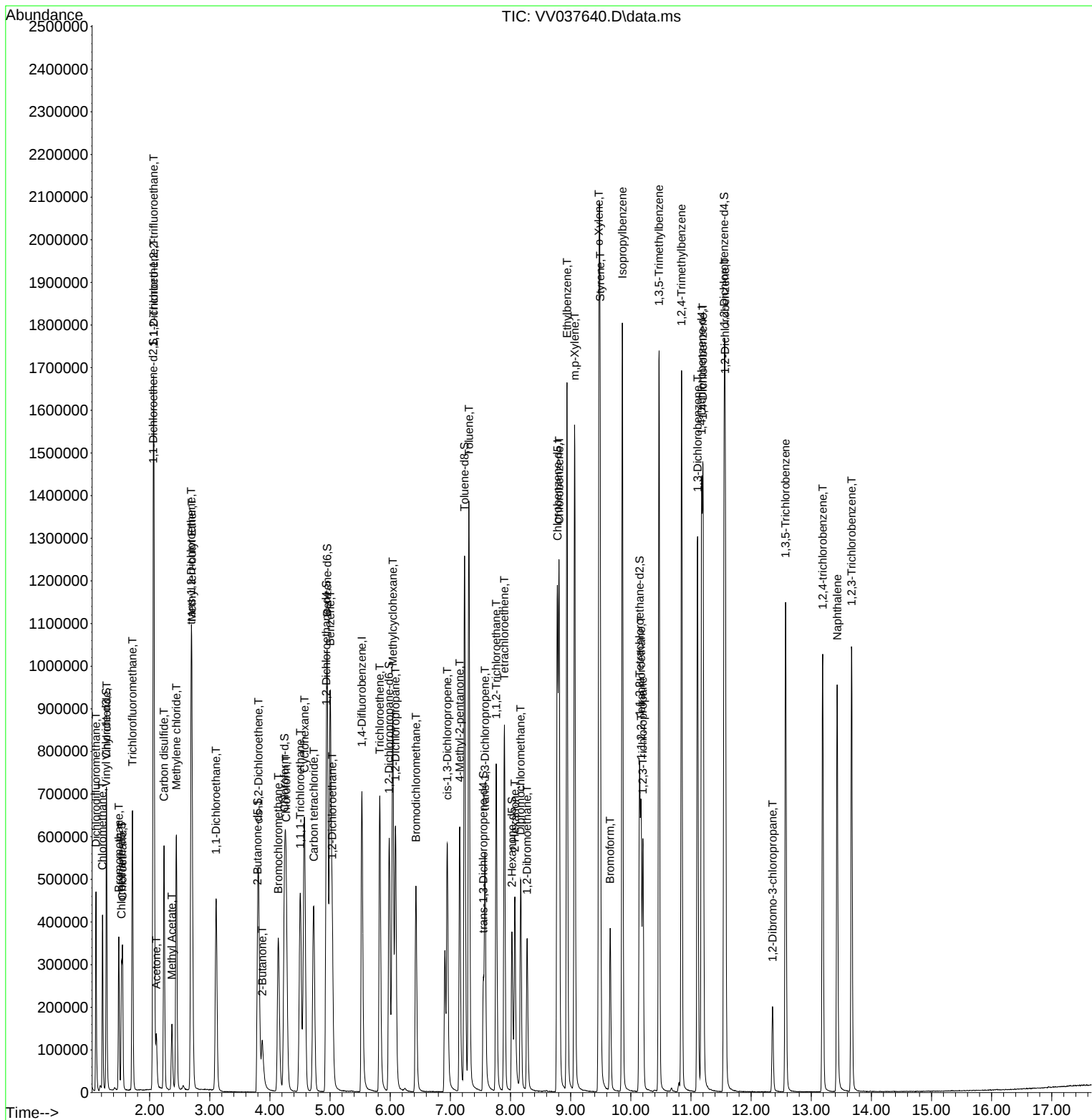
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 MSVOA_V
 ClientSampleId :

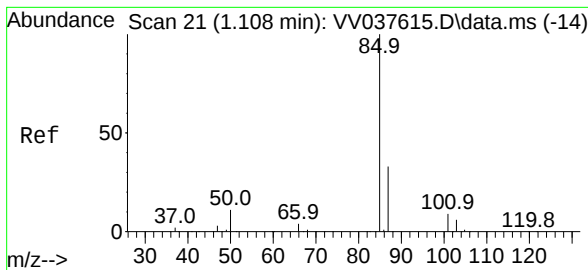
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320820	52.334	ug/L	99
29) Cyclohexane	4.574	56	349639	50.683	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	392513	52.452	ug/L	100
31) Carbon tetrachloride	4.728	117	340164	52.284	ug/L	100
33) Benzene	5.005	78	971894	53.039	ug/L	100
34) Trichloroethene	5.825	95	254036	52.057	ug/L	98
35) Methylcyclohexane	6.043	83	375924	50.075	ug/L	99
37) 1,2-Dichloropropane	6.088	63	251591	53.170	ug/L	99
38) Bromodichloromethane	6.429	83	333175	52.672	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	366816	48.564	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	392599	101.902	ug/L	99
42) Toluene	7.310	91	1035551	54.513	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	335530	49.341	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	240045	52.833	ug/L	99
46) Tetrachloroethene	7.898	164	190857	51.154	ug/L	98
48) 2-Hexanone	8.072	43	276480	92.290	ug/L	98
49) Dibromochloromethane	8.169	129	254525	52.930	ug/L	100
50) 1,2-Dibromoethane	8.275	107	243247	51.792	ug/L	100
51) Chlorobenzene	8.808	112	682747	52.753	ug/L	98
52) Ethylbenzene	8.940	91	1138737	53.253	ug/L	99
53) m,p-Xylene	9.066	106	432613	54.360	ug/L	98
54) o-Xylene	9.471	106	418966	53.924	ug/L	96
55) Styrene	9.490	104	752723	55.652	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	323961	51.141	ug/L	97
59) Bromoform	9.657	173	166368	51.351	ug/L	98
60) Isopropylbenzene	9.860	105	1125672	52.233	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	233457	49.494	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	897269	52.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	897806	52.959	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	532035	51.289	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	546109	50.558	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	521419	50.847	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	50108	43.762	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	341211	47.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	305831	46.209	ug/L	99
71) Naphthalene	13.432	128	771922	44.641	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	307178	46.999	ug/L	99

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

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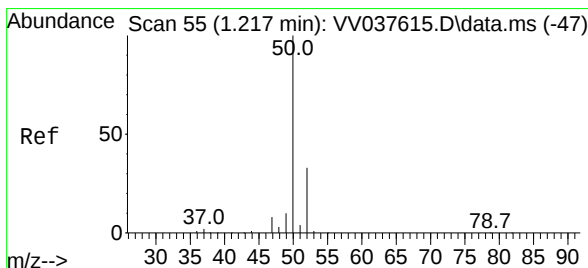
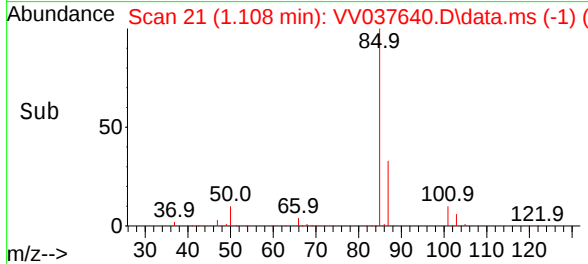
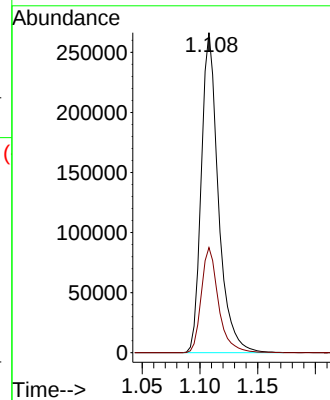
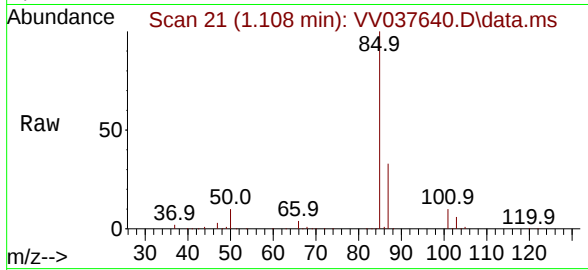




#2
 Dichlorodifluoromethane
 Concen: 51.753 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037640.D
 Acq: 28 Sep 2024 03:49

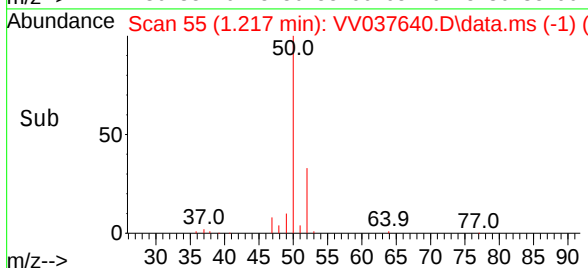
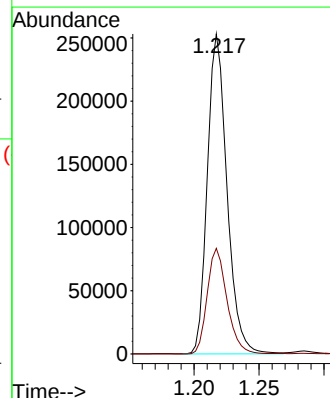
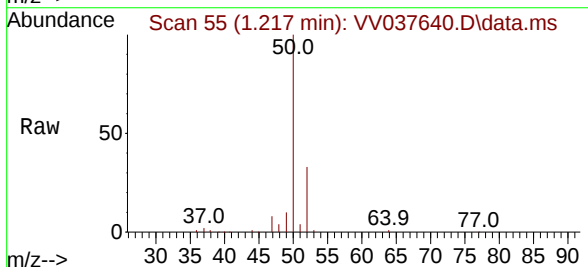
Instrument :
 MSVOA_V
 ClientSampleId :

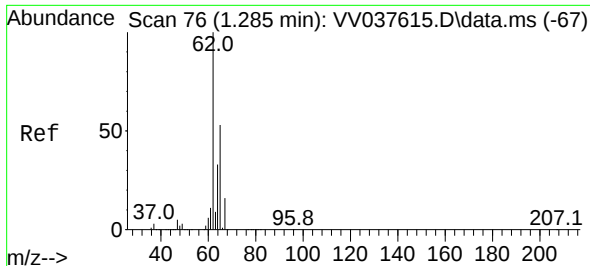
Tgt Ion: 85 Resp: 273835
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 51.938 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037640.D
 Acq: 28 Sep 2024 03:49

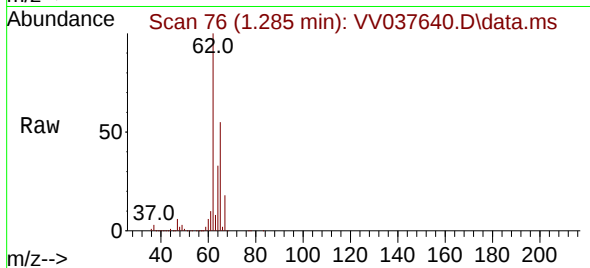
Tgt Ion: 50 Resp: 266800
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2



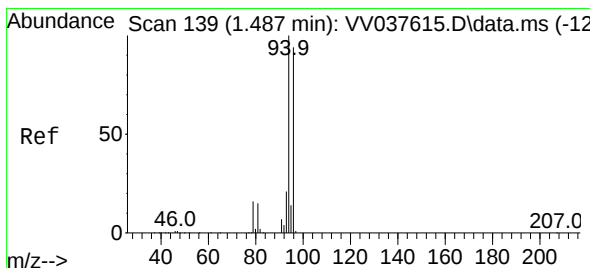
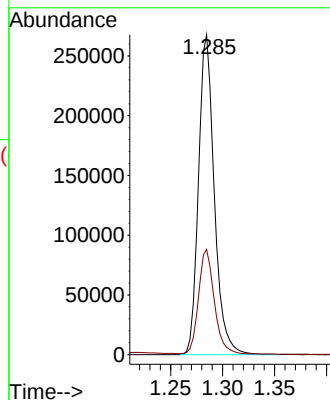
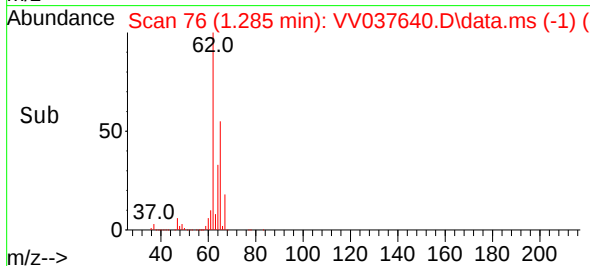


#5
 Vinyl chloride
 Concen: 51.521 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037640.D
 Acq: 28 Sep 2024 03:49

Instrument :
 MSVOA_V
 ClientSampleId :

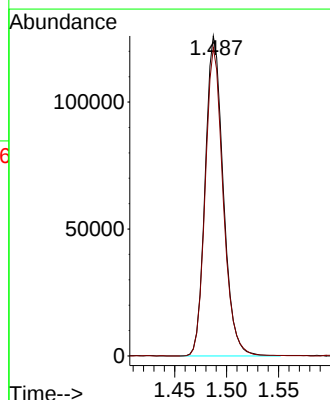
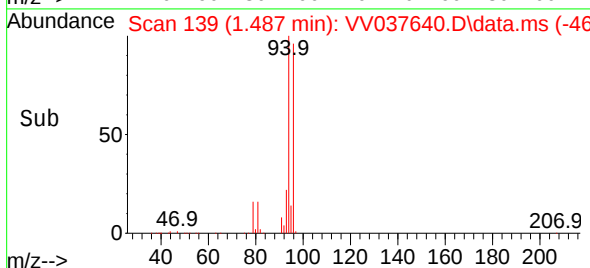
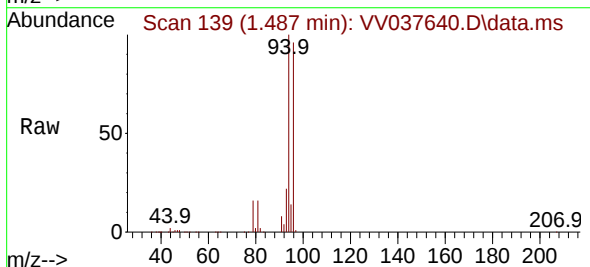


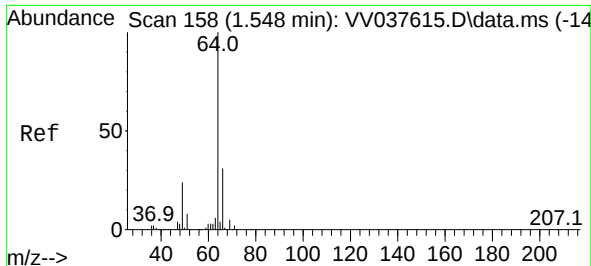
Tgt Ion: 62 Resp: 283733
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 49.866 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037640.D
 Acq: 28 Sep 2024 03:49

Tgt Ion: 94 Resp: 152400
 Ion Ratio Lower Upper
 94 100
 96 96.3 65.8 122.2

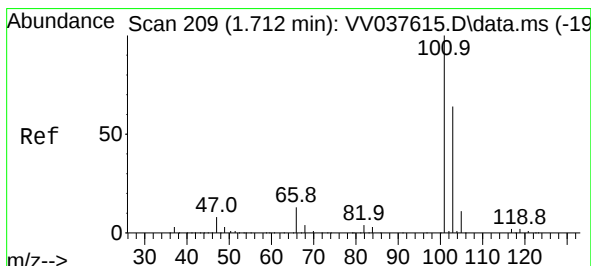
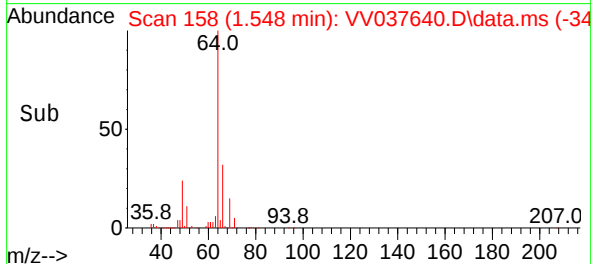
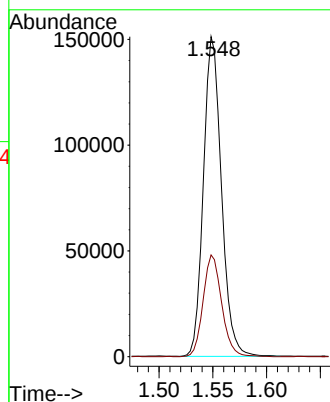
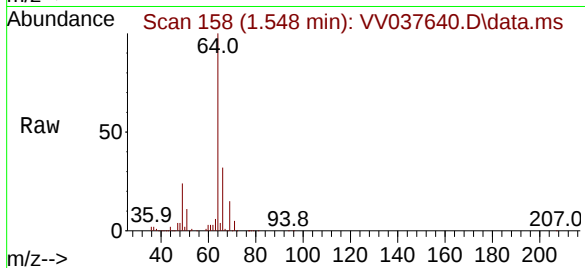




#8
Chloroethane
Concen: 51.804 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

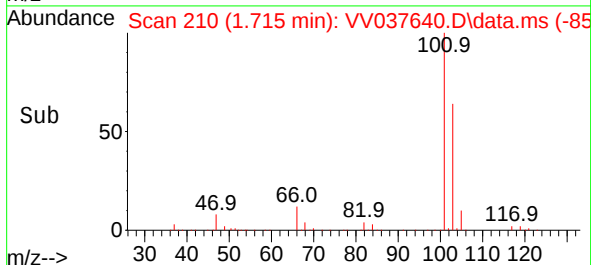
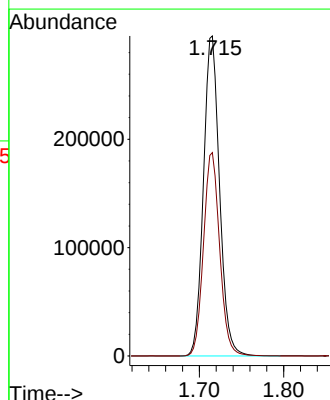
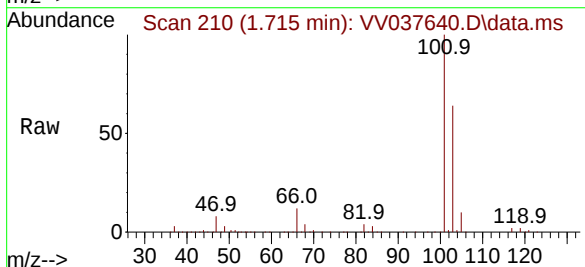
Instrument :
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ClientSampleId :

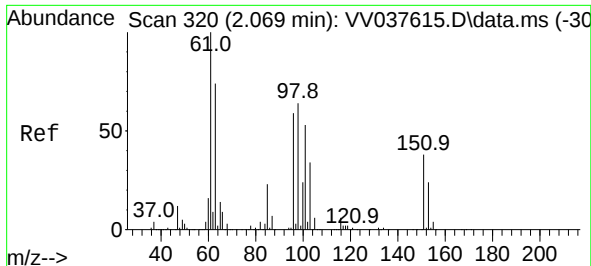
Tgt Ion: 64 Resp: 175843
Ion Ratio Lower Upper
64 100
66 31.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 53.118 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

Tgt Ion:101 Resp: 393764
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

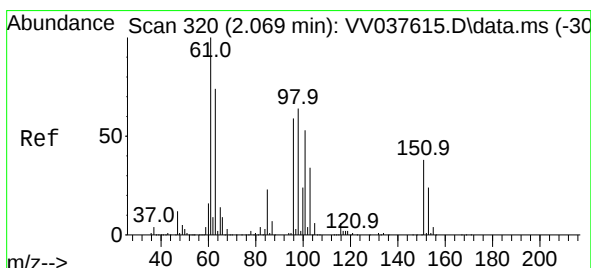
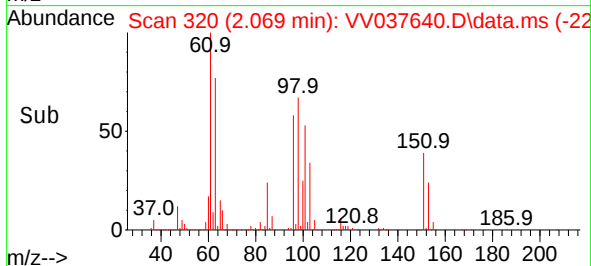
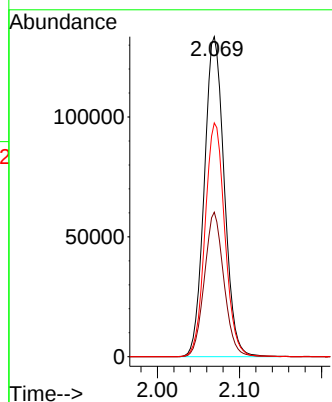
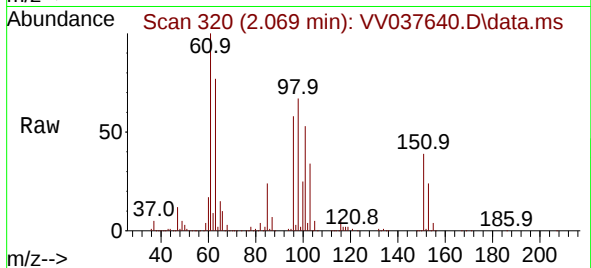




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.050 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV037640.D
 Acq: 28 Sep 2024 03:49

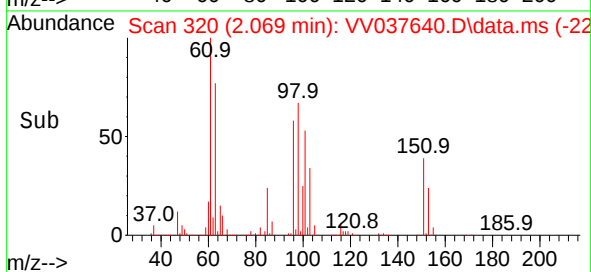
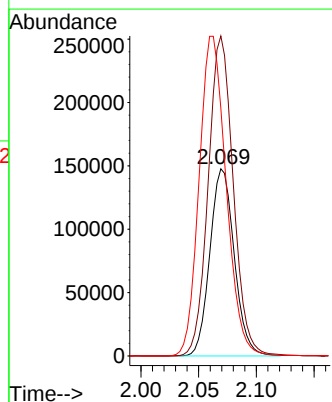
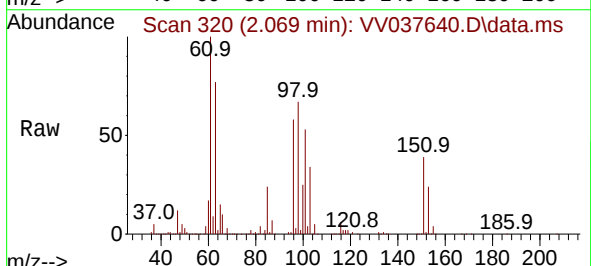
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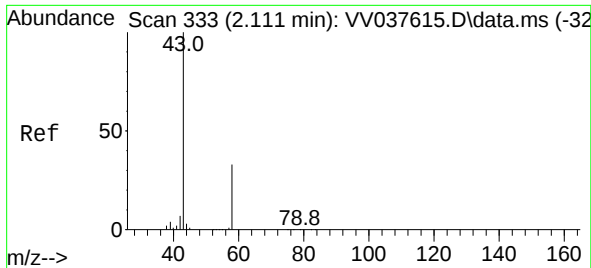
Tgt Ion:101 Resp: 226139
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.6 52.0
 151 72.4 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 52.432 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037640.D
 Acq: 28 Sep 2024 03:49

Tgt Ion: 96 Resp: 216959
 Ion Ratio Lower Upper
 96 100
 61 171.0 122.6 227.6
 63 132.4 118.0 219.2





#13

Acetone

Concen: 65.263 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

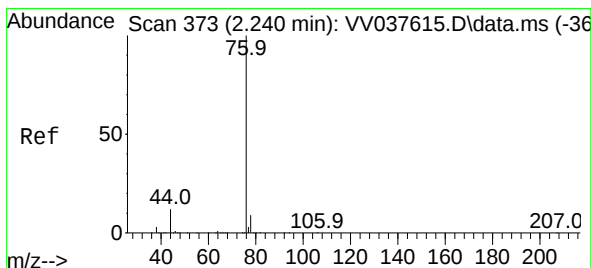
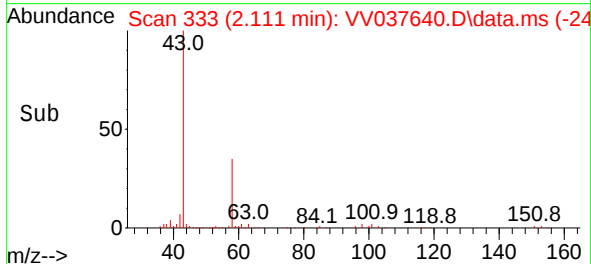
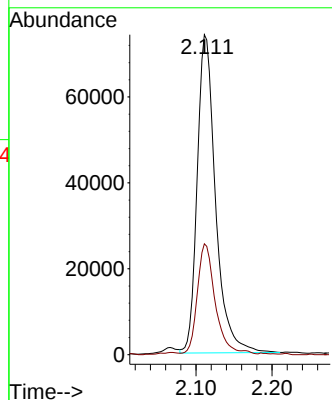
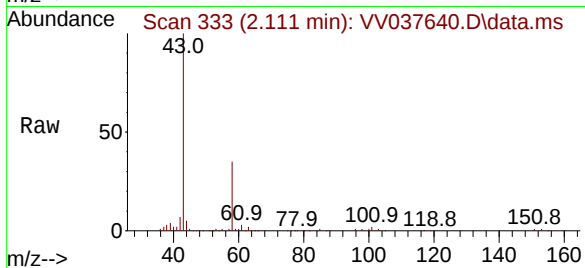
ClientSampleId :

Tgt Ion: 43 Resp: 124332

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.6



#14

Carbon disulfide

Concen: 49.452 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037640.D

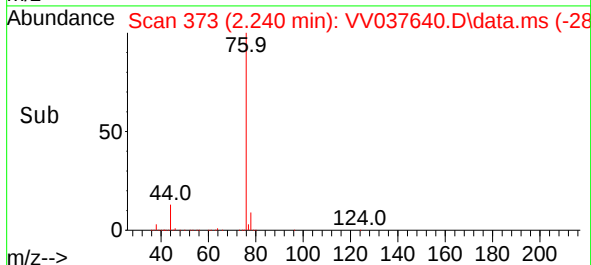
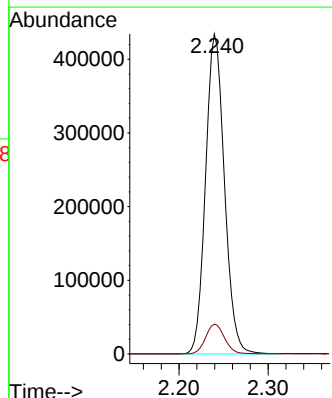
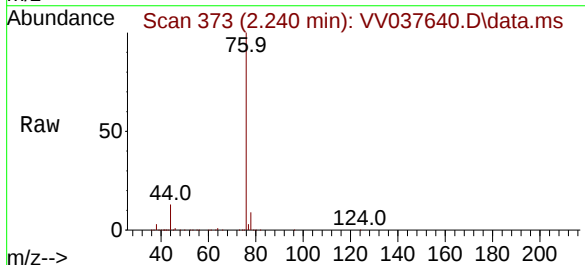
Acq: 28 Sep 2024 03:49

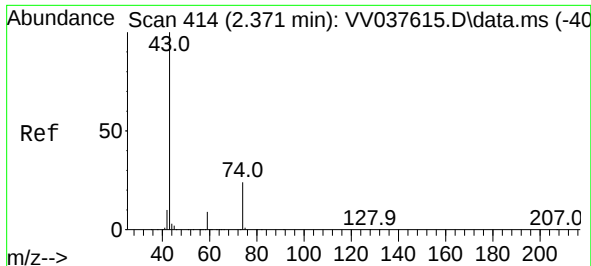
Tgt Ion: 76 Resp: 638724

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 51.139 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

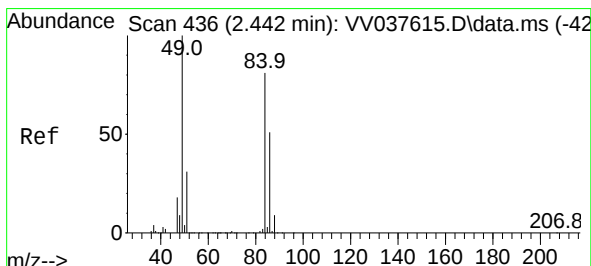
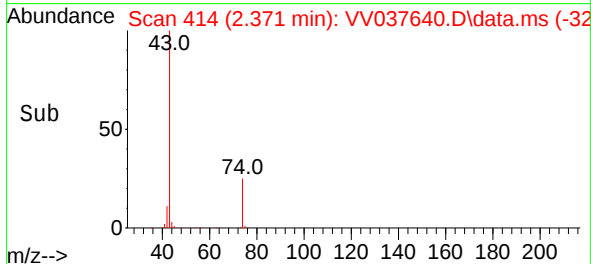
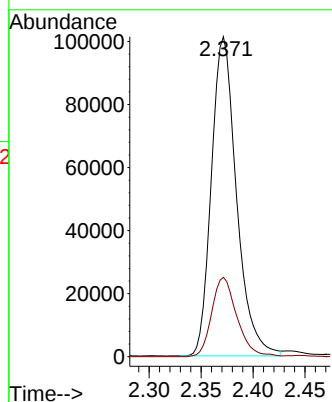
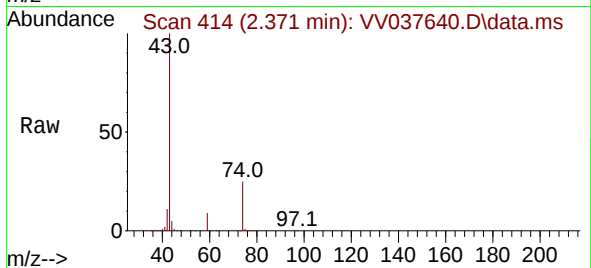
ClientSampleId :

Tgt Ion: 43 Resp: 170017

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.0



#16

Methylene chloride

Concen: 51.830 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

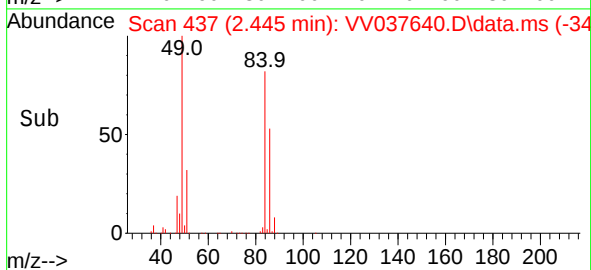
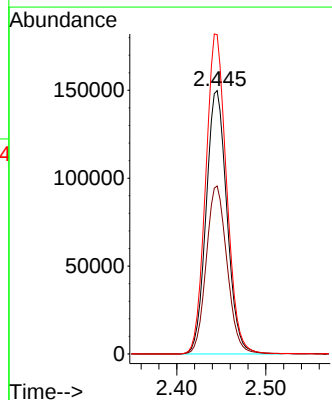
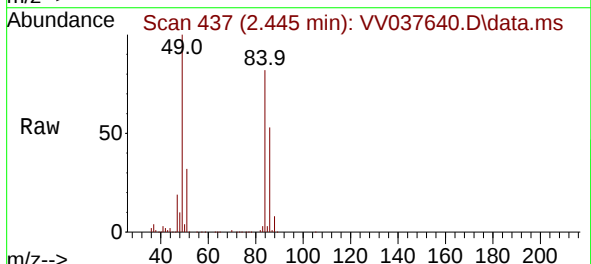
Tgt Ion: 84 Resp: 242835

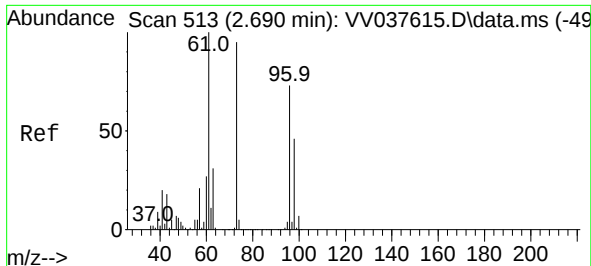
Ion Ratio Lower Upper

84 100

86 63.8 46.4 86.2

49 121.3 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 51.709 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

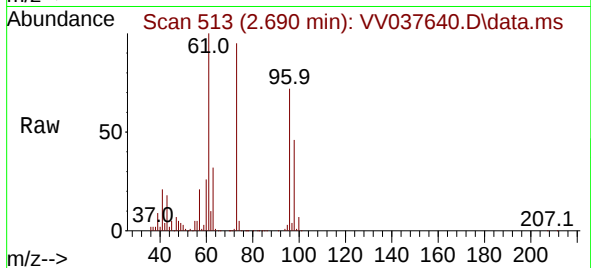
Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :



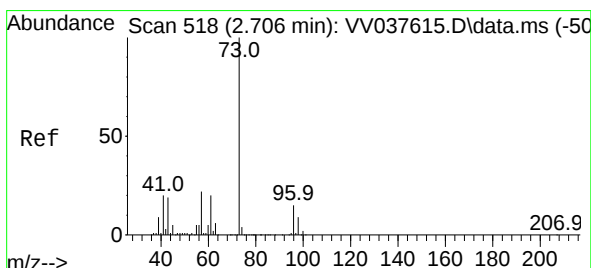
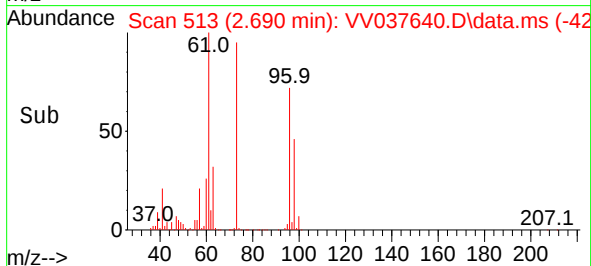
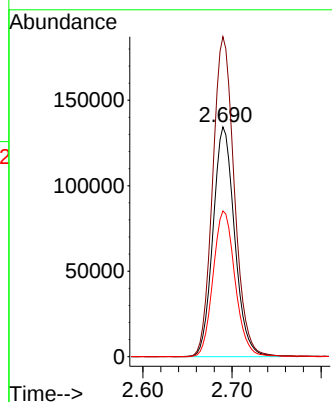
Tgt Ion: 96 Resp: 226356

Ion Ratio Lower Upper

96 100

61 139.3 97.3 180.7

98 63.5 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 52.492 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

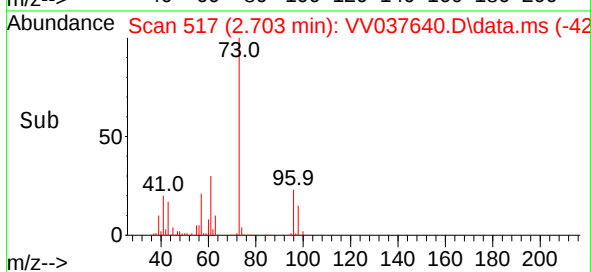
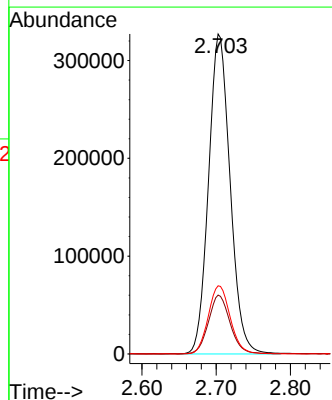
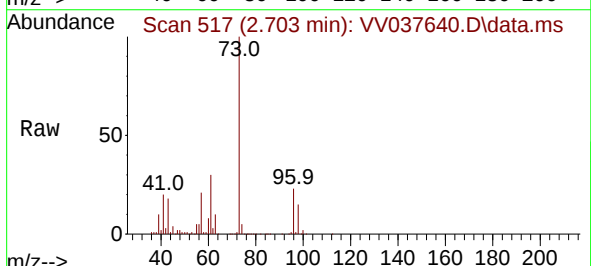
Tgt Ion: 73 Resp: 659255

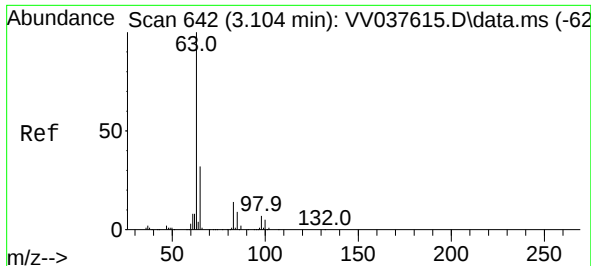
Ion Ratio Lower Upper

73 100

43 18.3 15.1 22.7

57 21.7 17.4 26.2

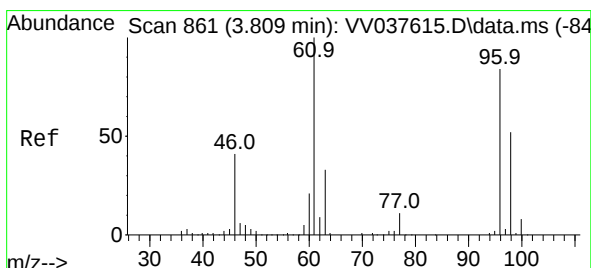
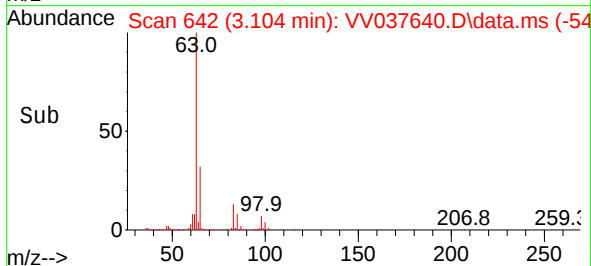
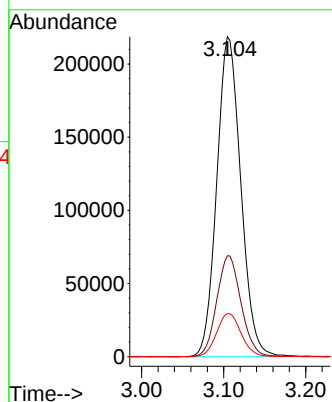
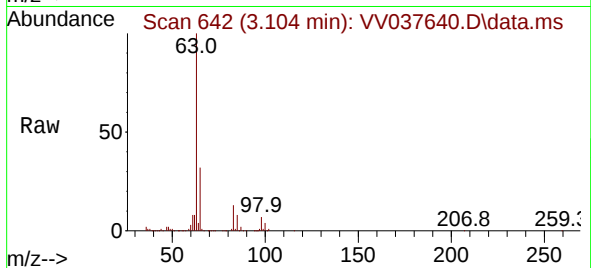




#19
1,1-Dichloroethane
Concen: 53.113 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

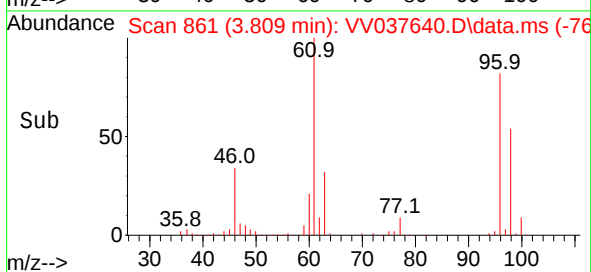
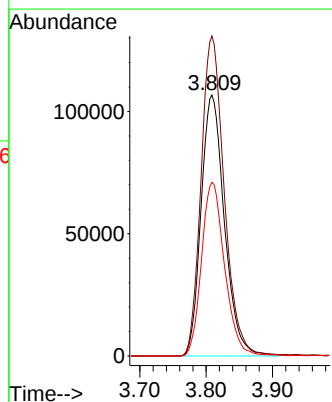
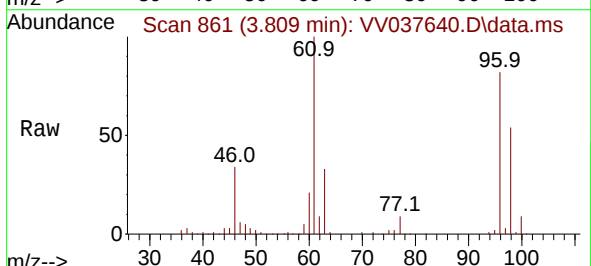
Instrument :
MSVOA_V
ClientSampleId :

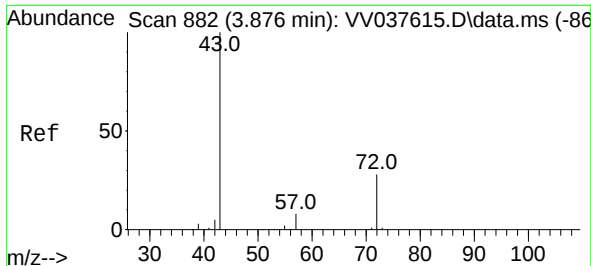
Tgt Ion: 63 Resp: 445466
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 53.271 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

Tgt Ion: 96 Resp: 260953
Ion Ratio Lower Upper
96 100
61 122.6 85.0 157.8
98 66.5 44.2 82.0





#22

2-Butanone

Concen: 80.842 ug/L

RT: 3.873 min Scan# 881

Delta R.T. -0.003 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

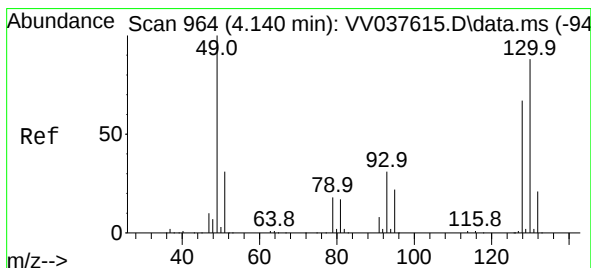
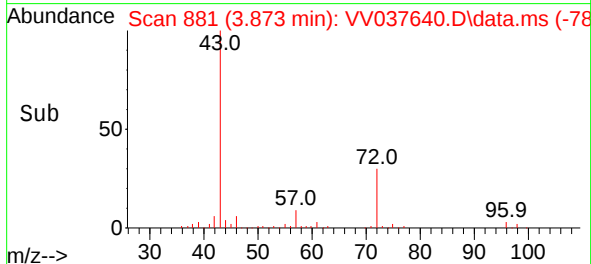
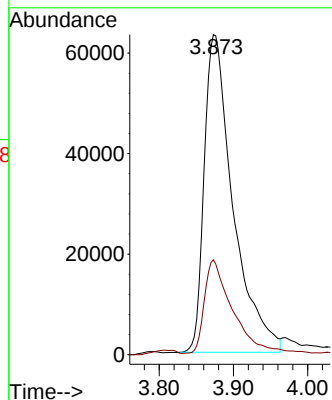
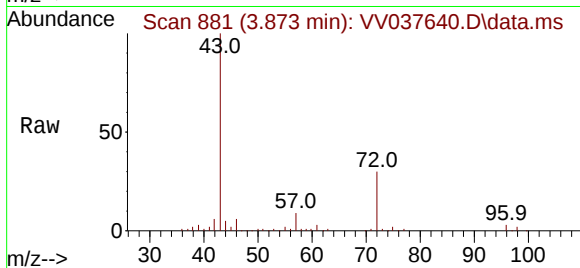
ClientSampleId :

Tgt Ion: 43 Resp: 170466

Ion Ratio Lower Upper

43 100

72 28.7 14.3 42.9



#23

Bromochloromethane

Concen: 52.277 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Tgt Ion:128 Resp: 132467

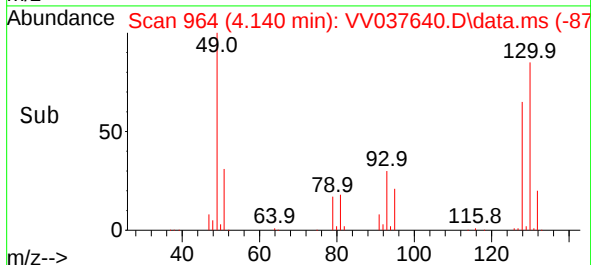
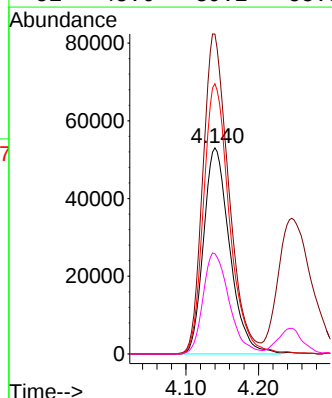
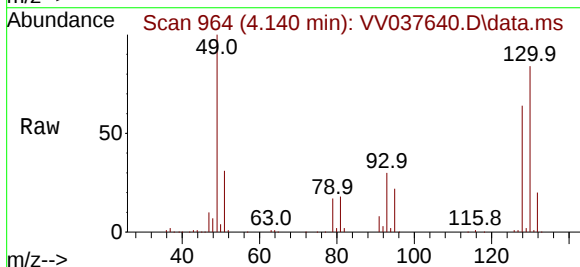
Ion Ratio Lower Upper

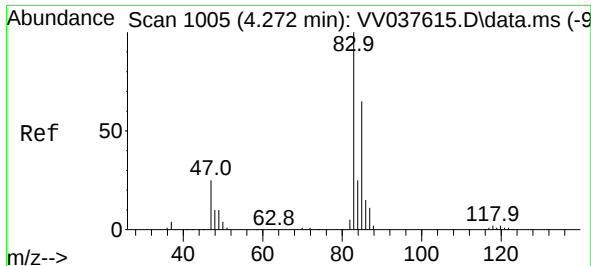
128 100

49 155.2 108.7 201.9

130 131.1 90.4 168.0

51 48.6 39.2 58.8





#25

Chloroform

Concen: 52.704 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

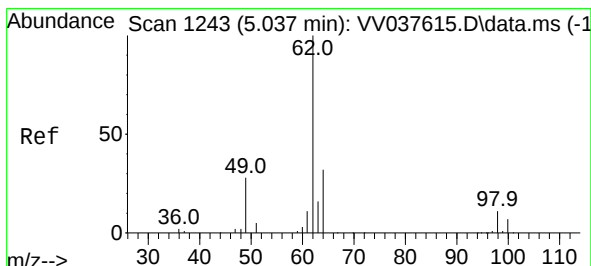
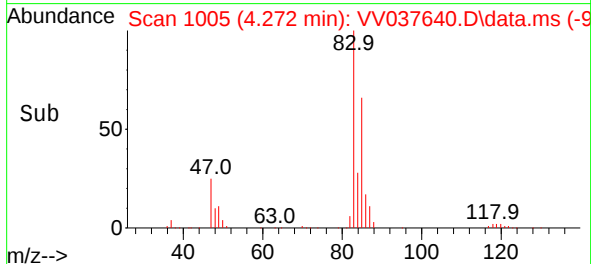
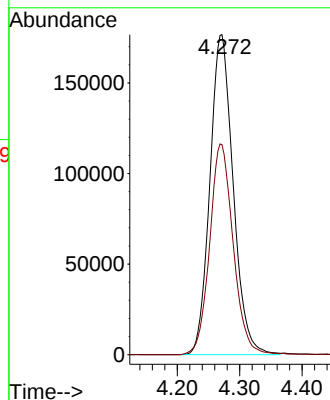
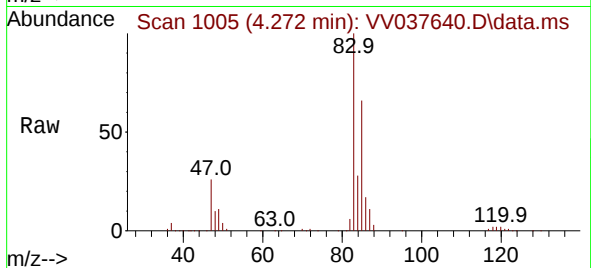
ClientSampleId :

Tgt Ion: 83 Resp: 457666

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.334 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037640.D

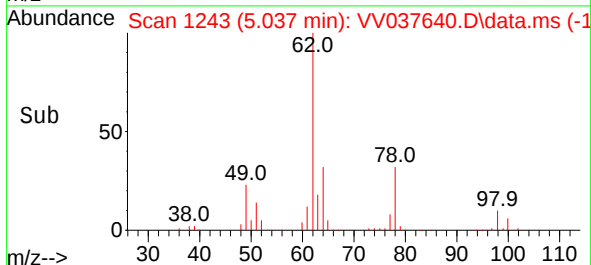
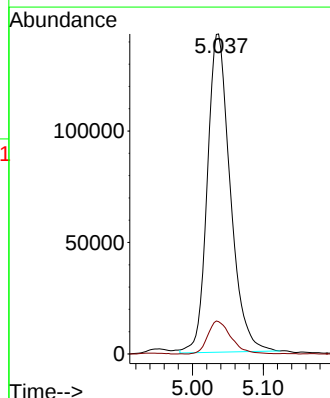
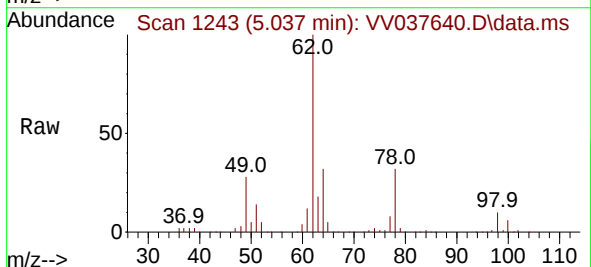
Acq: 28 Sep 2024 03:49

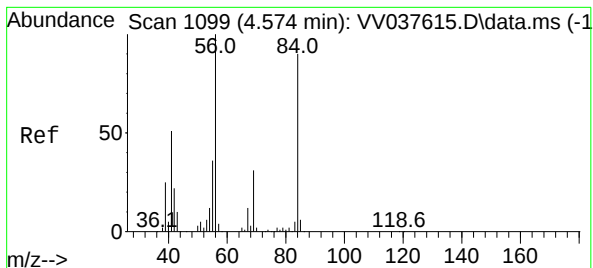
Tgt Ion: 62 Resp: 320820

Ion Ratio Lower Upper

62 100

98 10.1 8.4 12.6





#29

Cyclohexane

Concen: 50.683 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

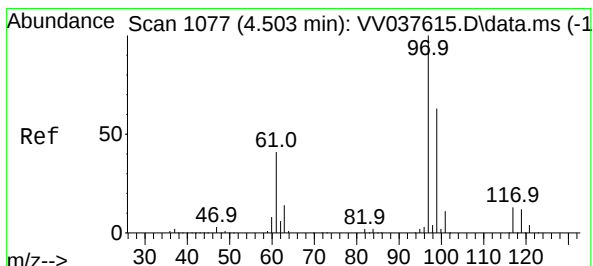
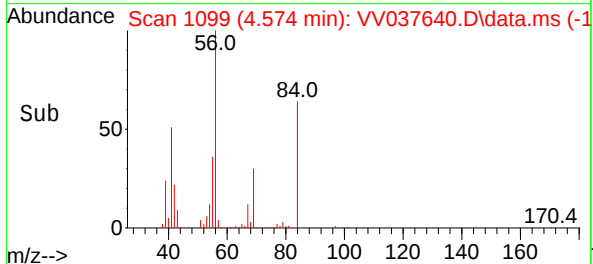
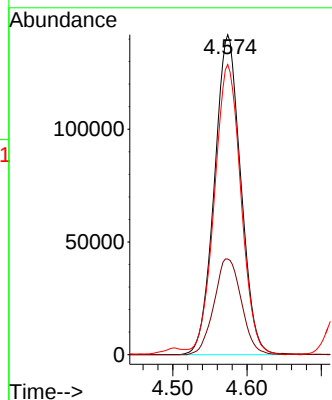
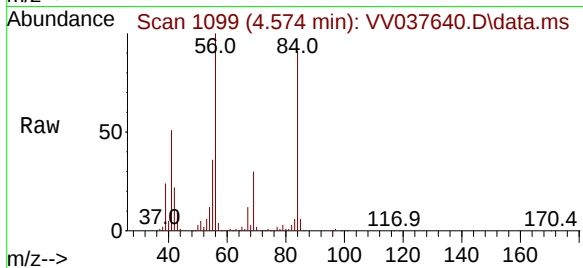
Tgt Ion: 56 Resp: 349639

Ion Ratio Lower Upper

56 100

69 31.1 24.7 37.1

84 91.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 52.452 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

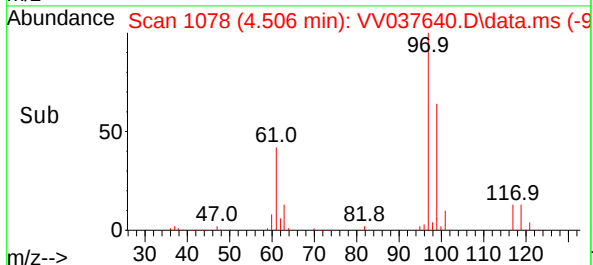
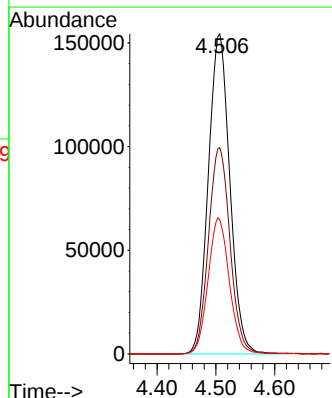
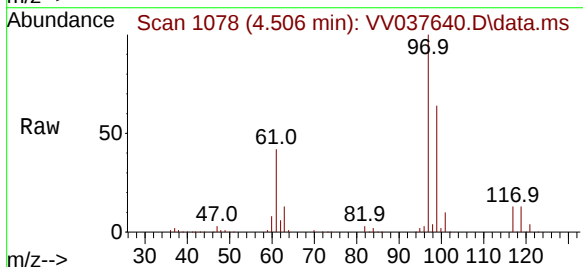
Tgt Ion: 97 Resp: 392513

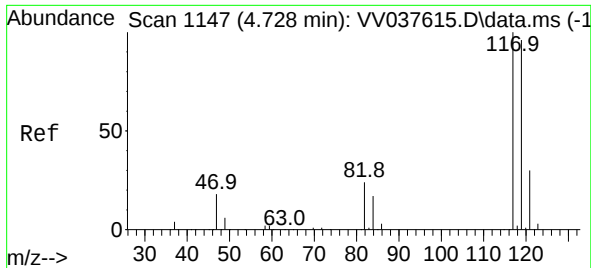
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 42.1 33.6 50.4

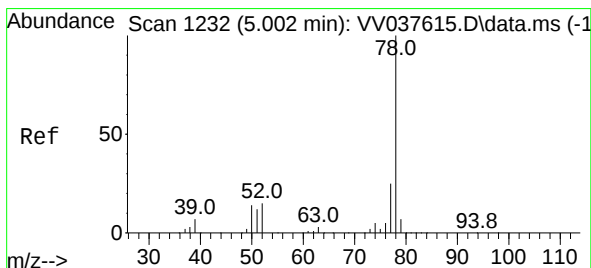
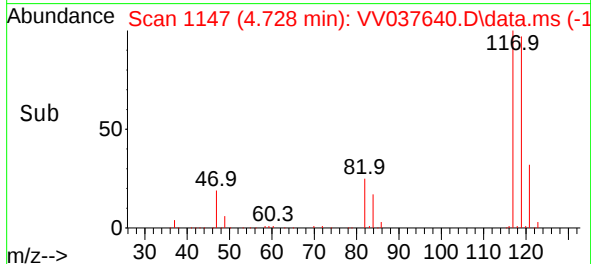
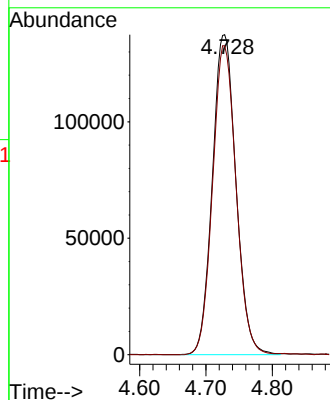
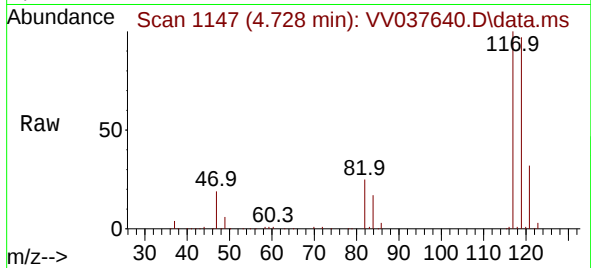




#31
Carbon tetrachloride
Concen: 52.284 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

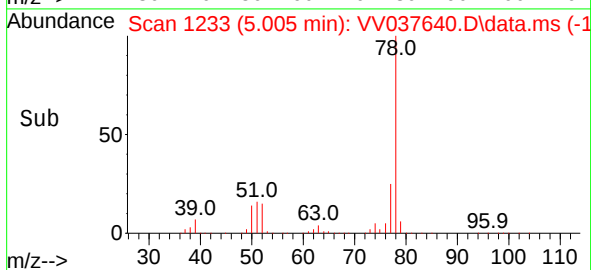
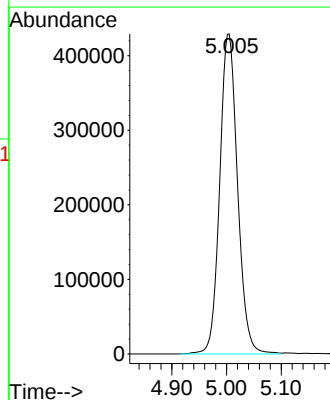
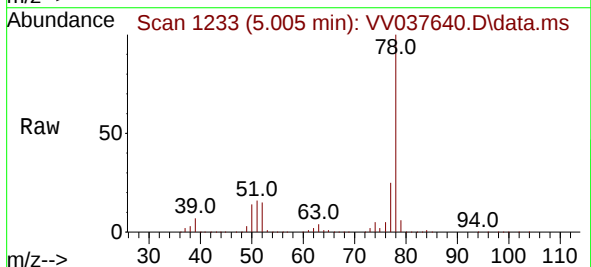
Instrument :
MSVOA_V
ClientSampleId :

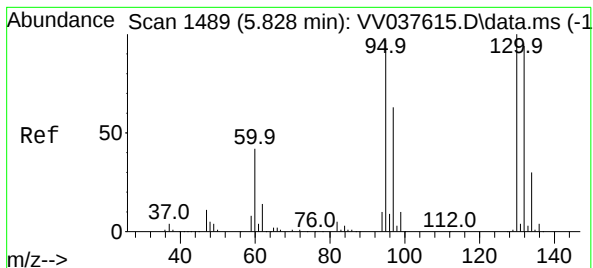
Tgt Ion:117 Resp: 340164
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 53.039 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

Tgt Ion: 78 Resp: 971894





#34

Trichloroethene

Concen: 52.057 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 254036

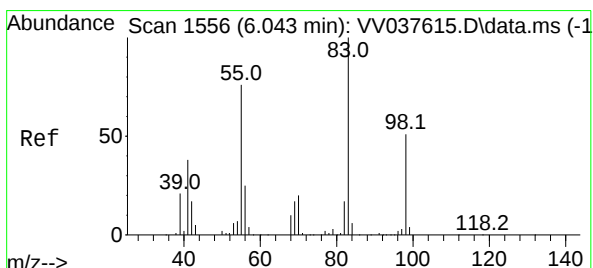
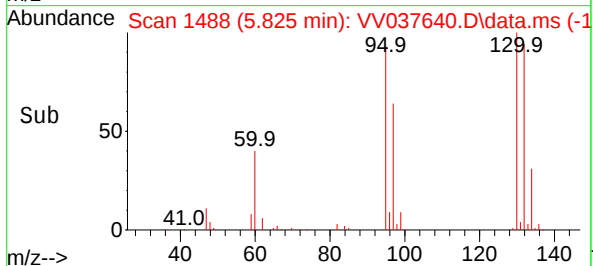
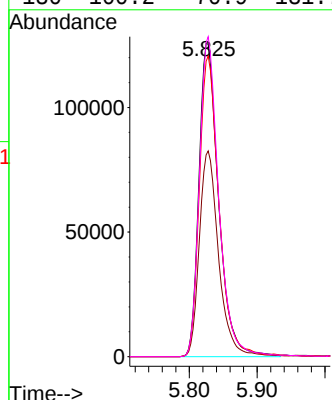
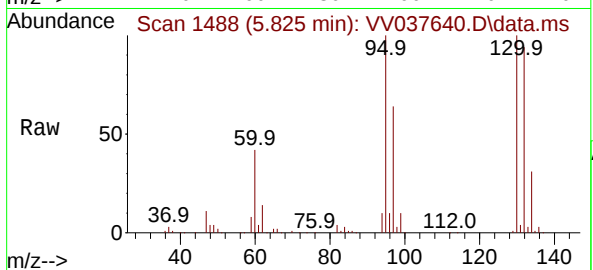
Ion Ratio Lower Upper

95 100

97 64.4 46.3 85.9

132 94.3 68.6 127.4

130 100.2 70.9 131.7



#35

Methylcyclohexane

Concen: 50.075 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

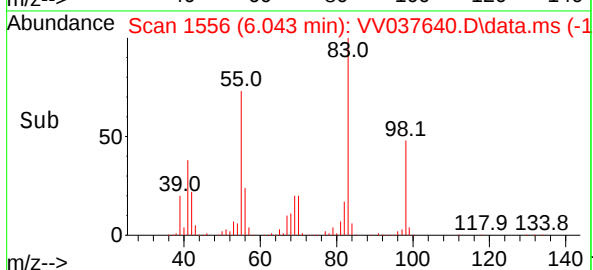
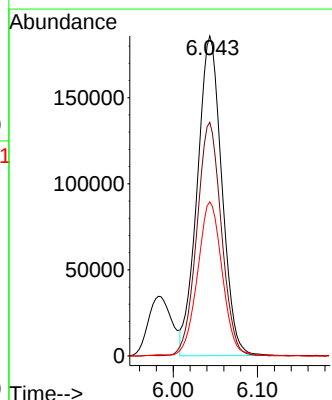
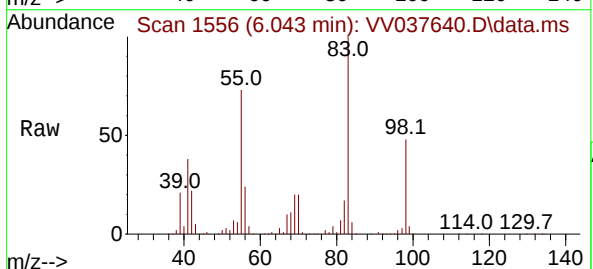
Tgt Ion: 83 Resp: 375924

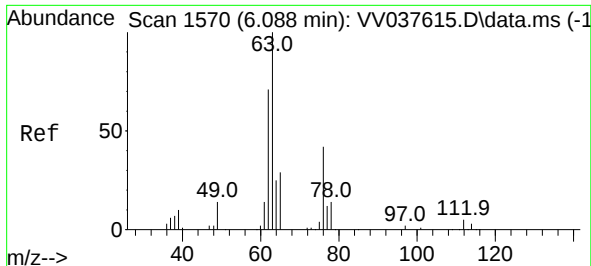
Ion Ratio Lower Upper

83 100

55 73.1 57.9 86.9

98 48.6 39.3 58.9

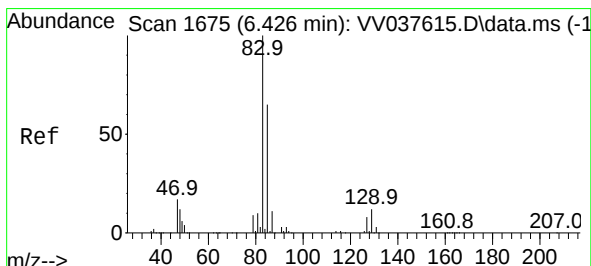
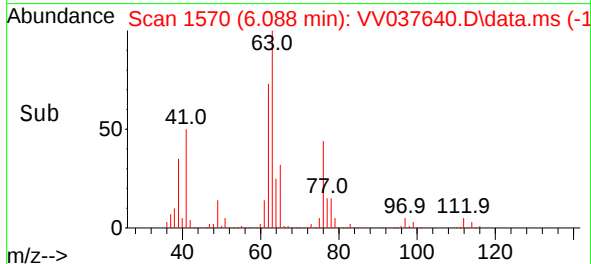
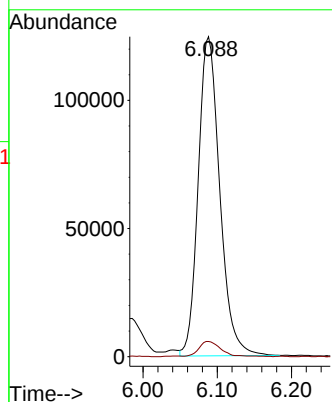
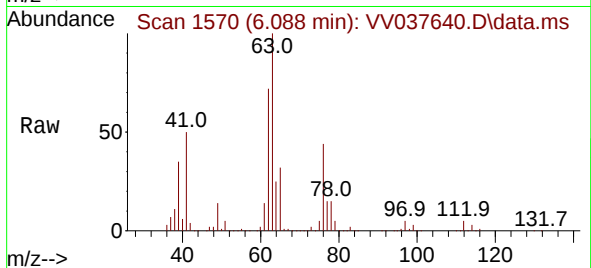




#37
1,2-Dichloropropane
Concen: 53.170 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

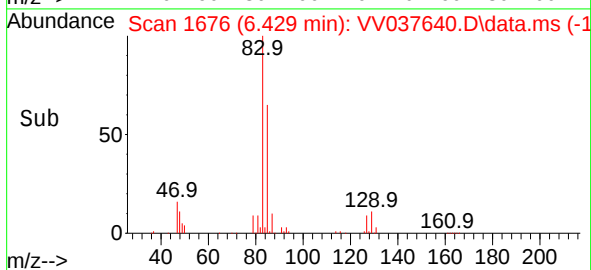
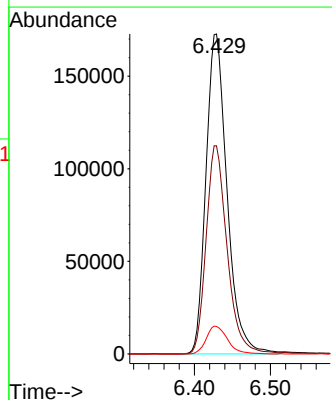
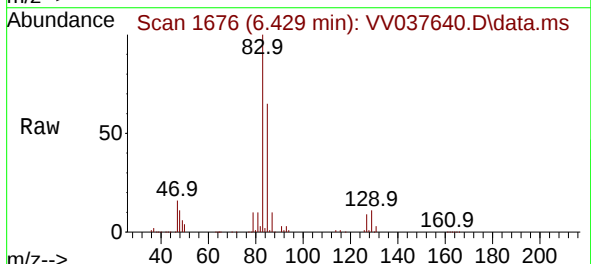
Instrument :
MSVOA_V
ClientSampleId :

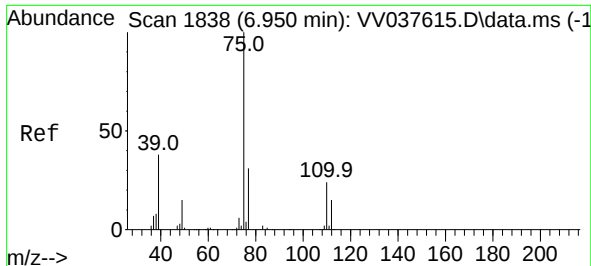
Tgt Ion: 63 Resp: 251591
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 52.672 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

Tgt Ion: 83 Resp: 333175
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9
127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 48.564 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

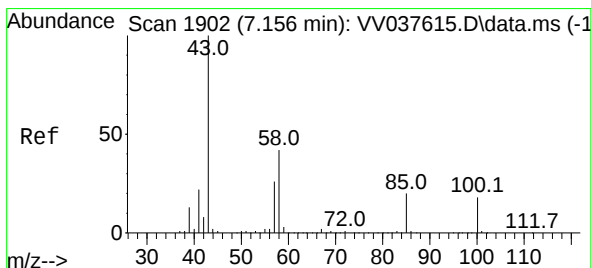
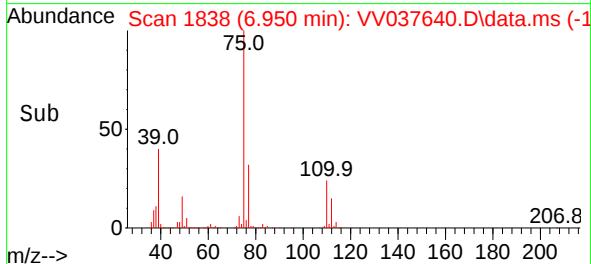
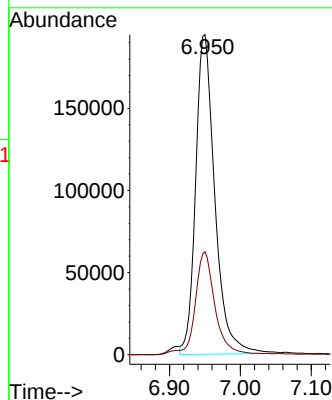
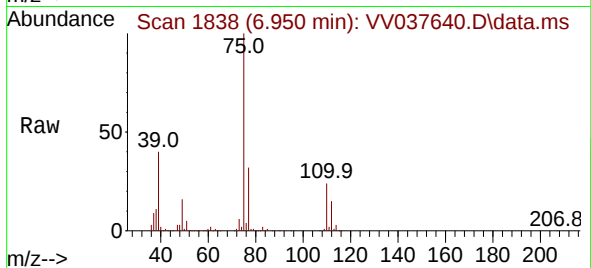
ClientSampleId :

Tgt Ion: 75 Resp: 366816

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 101.902 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

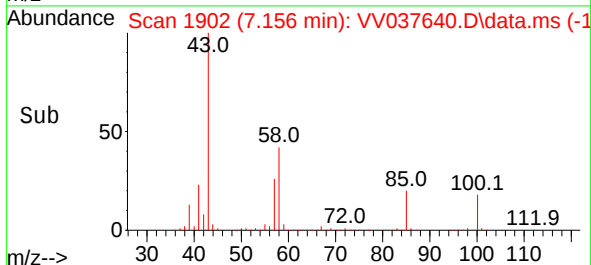
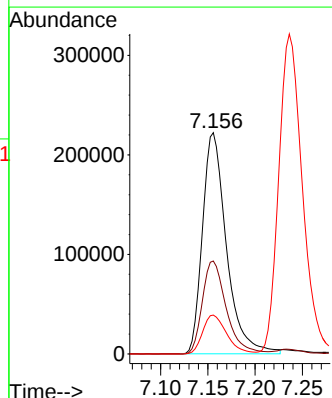
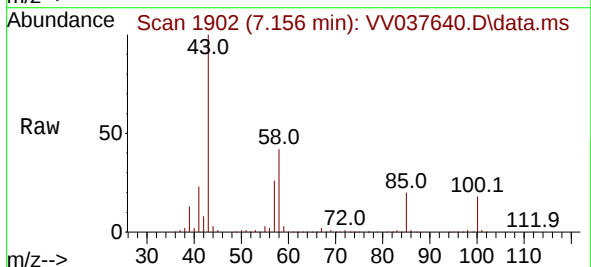
Tgt Ion: 43 Resp: 392599

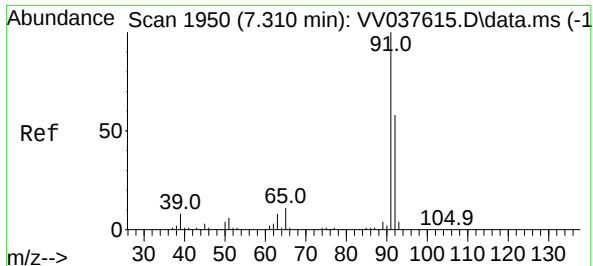
Ion Ratio Lower Upper

43 100

58 41.9 33.0 49.4

100 17.7 13.7 20.5





#42

Toluene

Concen: 54.513 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

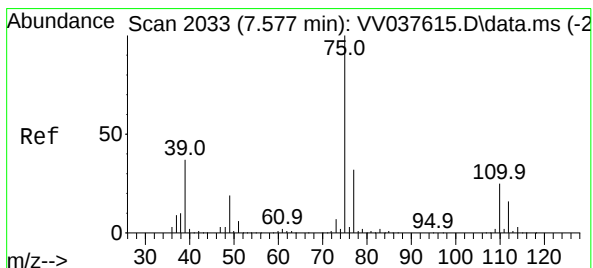
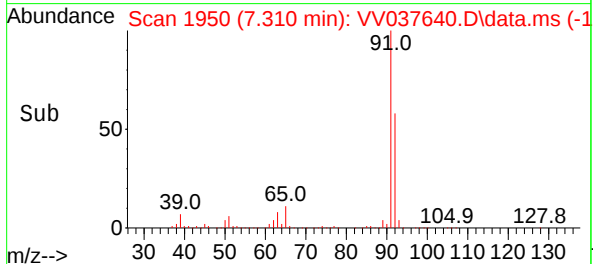
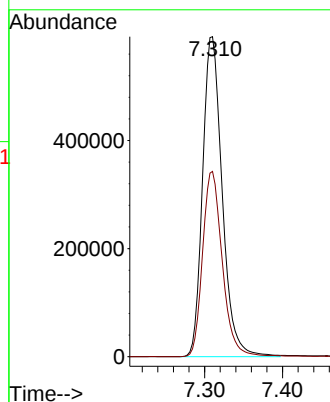
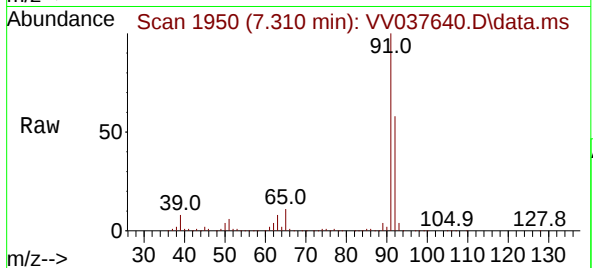
ClientSampleId :

Tgt Ion: 91 Resp: 1035551

Ion Ratio Lower Upper

91 100

92 57.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 49.341 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037640.D

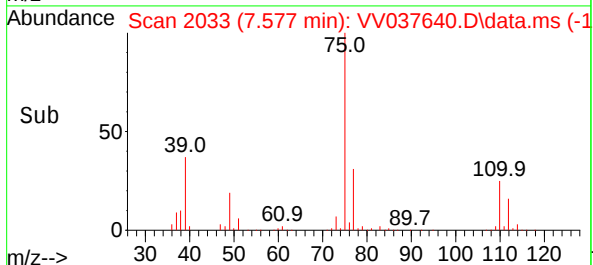
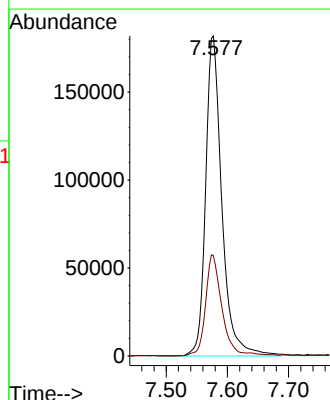
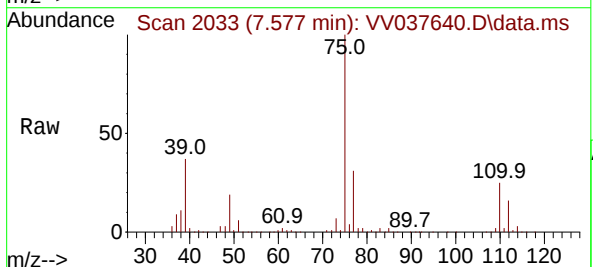
Acq: 28 Sep 2024 03:49

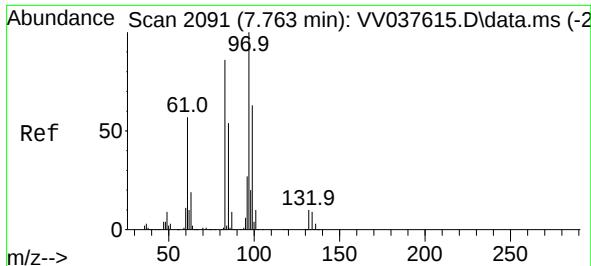
Tgt Ion: 75 Resp: 335530

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 52.833 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 240045

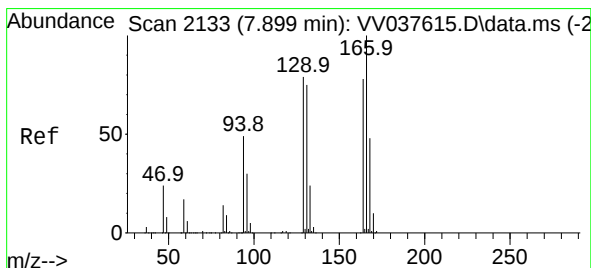
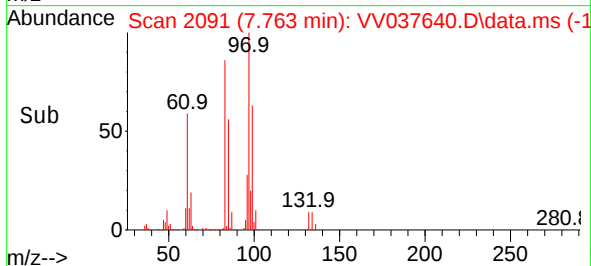
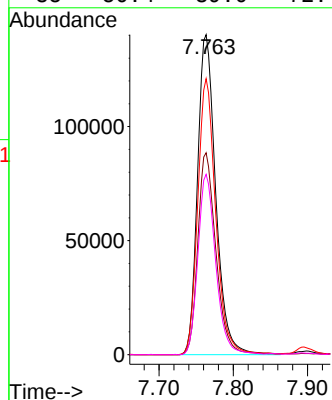
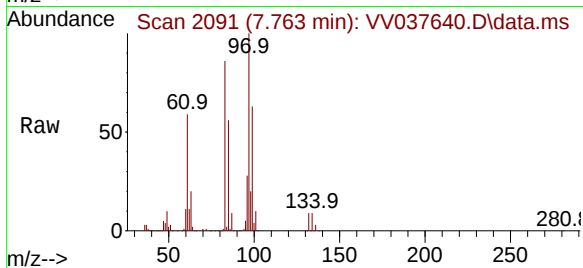
Ion Ratio Lower Upper

97 100

99 63.1 44.1 81.9

83 86.3 59.3 110.1

85 56.4 39.0 72.4



#46

Tetrachloroethene

Concen: 51.154 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Tgt Ion:164 Resp: 190857

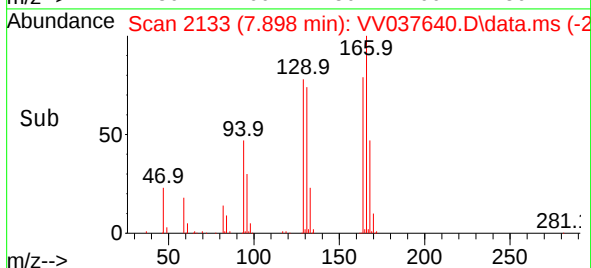
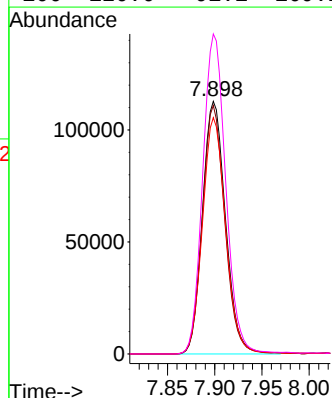
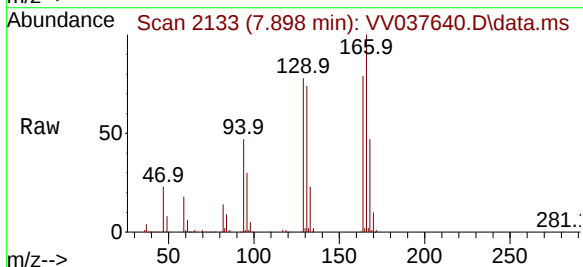
Ion Ratio Lower Upper

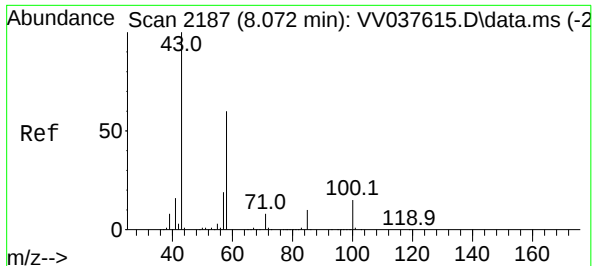
164 100

129 98.3 68.2 126.6

131 93.6 66.1 122.8

166 126.6 91.1 169.1





#48

2-Hexanone

Concen: 92.290 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 276480

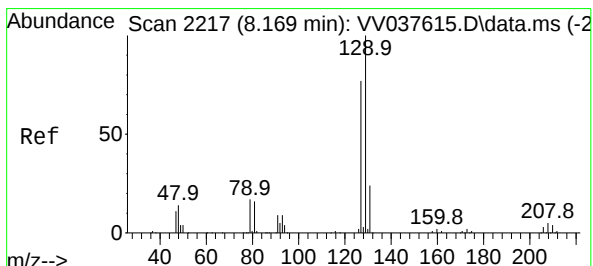
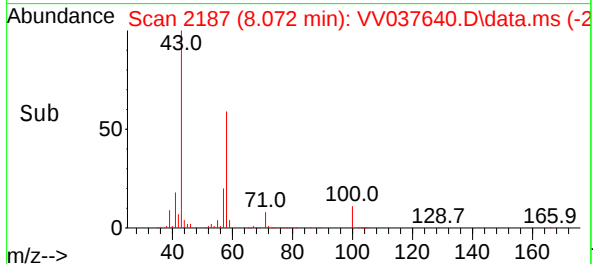
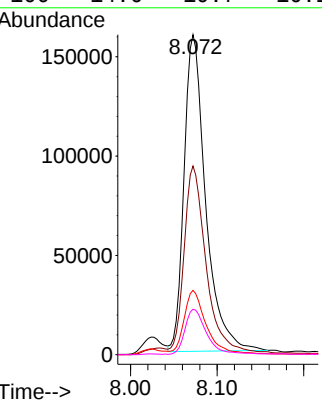
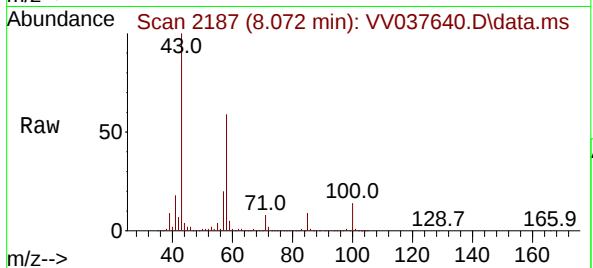
Ion Ratio Lower Upper

43 100

58 59.2 46.5 69.7

57 20.2 15.1 22.7

100 14.6 10.7 16.1



#49

Dibromochloromethane

Concen: 52.930 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037640.D

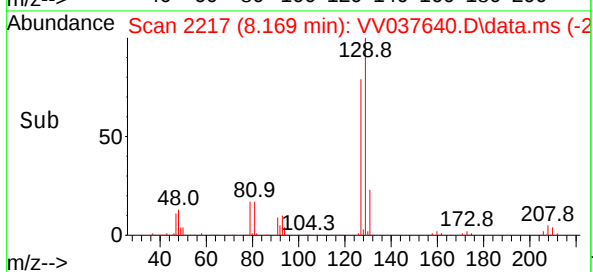
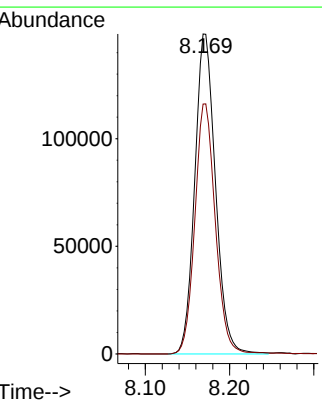
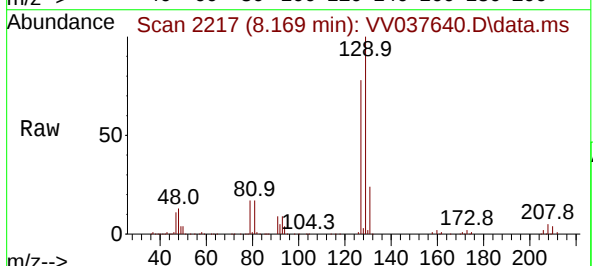
Acq: 28 Sep 2024 03:49

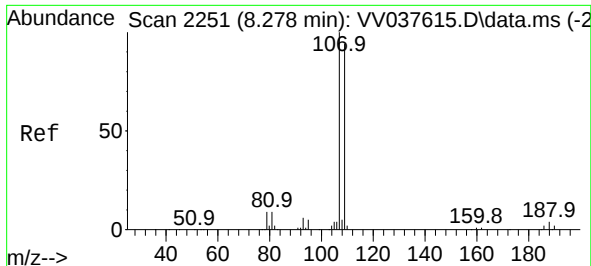
Tgt Ion:129 Resp: 254525

Ion Ratio Lower Upper

129 100

127 78.1 54.9 101.9

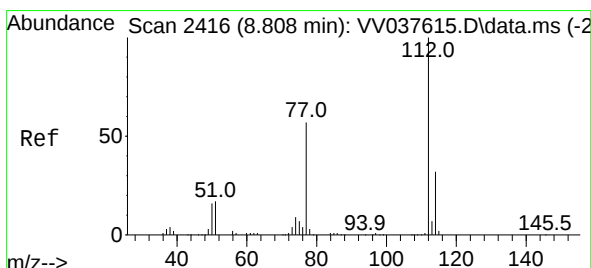
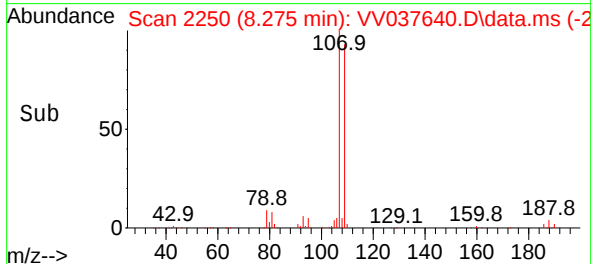
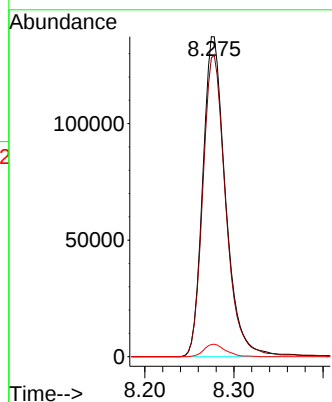
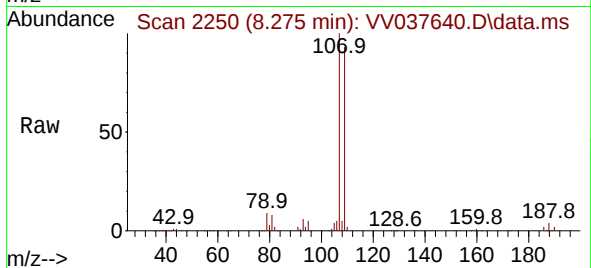




#50
1,2-Dibromoethane
Concen: 51.792 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

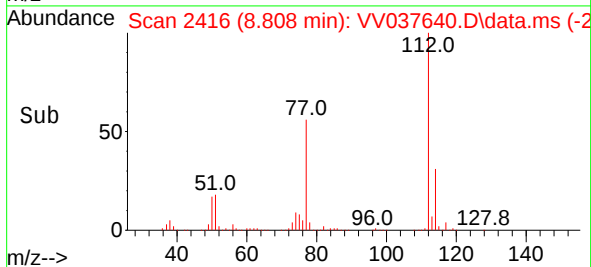
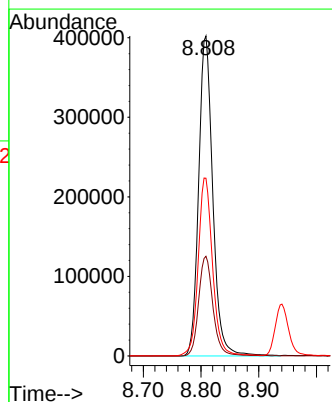
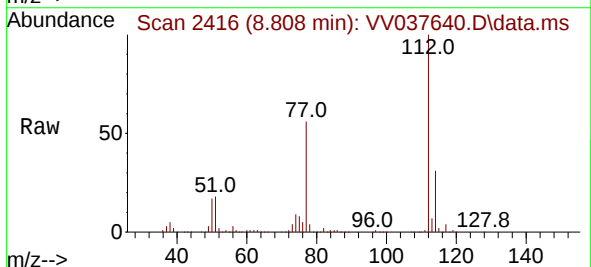
Instrument :
MSVOA_V
ClientSampleId :

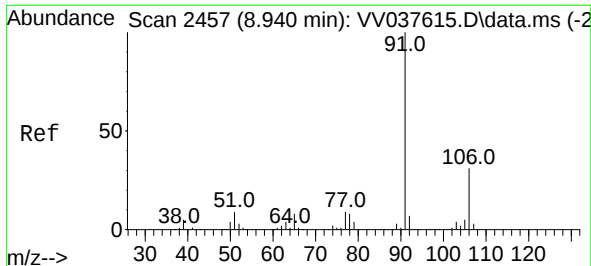
Tgt Ion:107 Resp: 243247
Ion Ratio Lower Upper
107 100
109 93.4 65.7 121.9
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 52.753 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

Tgt Ion:112 Resp: 682747
Ion Ratio Lower Upper
112 100
114 31.2 22.5 41.7
77 55.5 45.8 68.8





#52

Ethylbenzene

Concen: 53.253 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

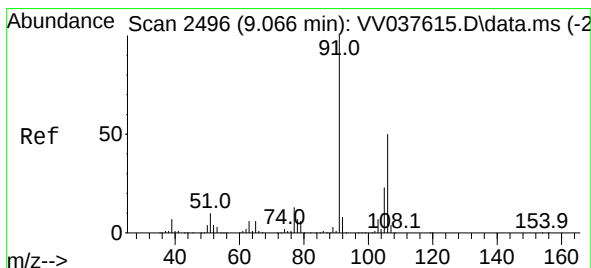
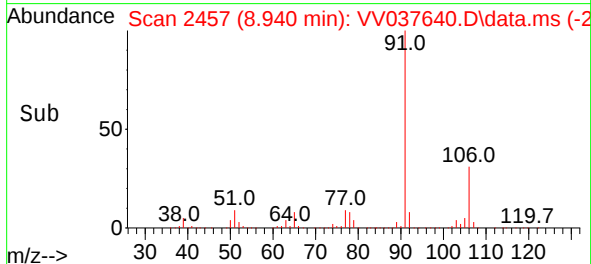
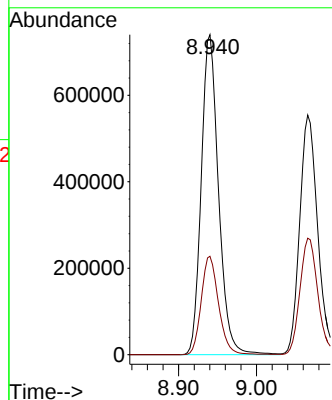
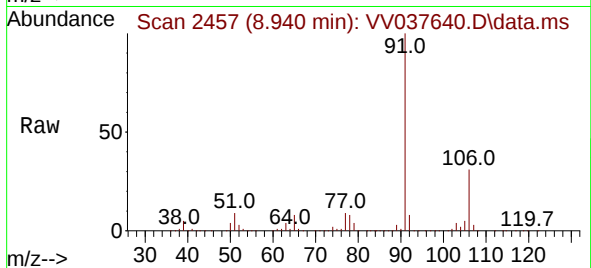
ClientSampleId :

Tgt Ion: 91 Resp: 1138737

Ion Ratio Lower Upper

91 100

106 30.8 21.9 40.7



#53

m,p-Xylene

Concen: 54.360 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037640.D

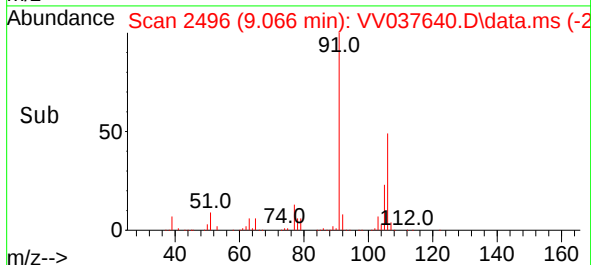
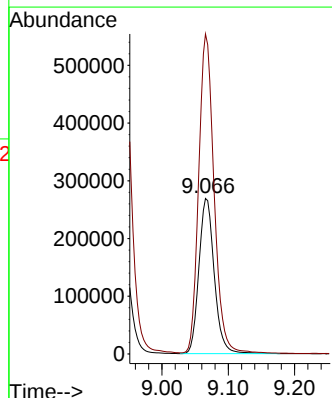
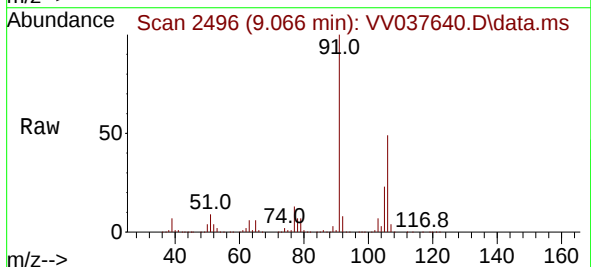
Acq: 28 Sep 2024 03:49

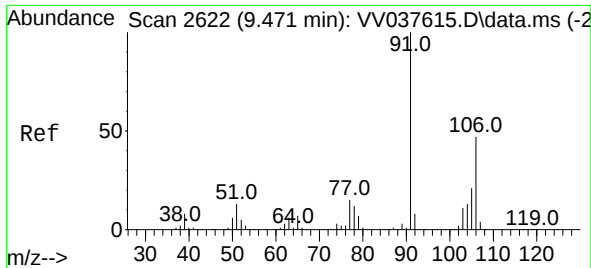
Tgt Ion:106 Resp: 432613

Ion Ratio Lower Upper

106 100

91 205.7 142.0 263.6

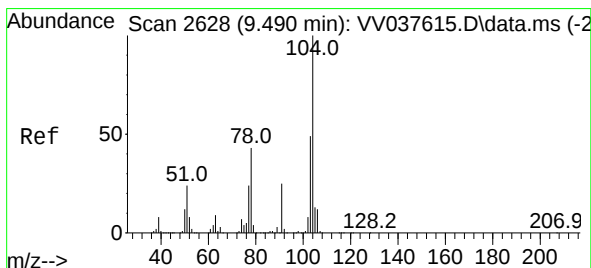
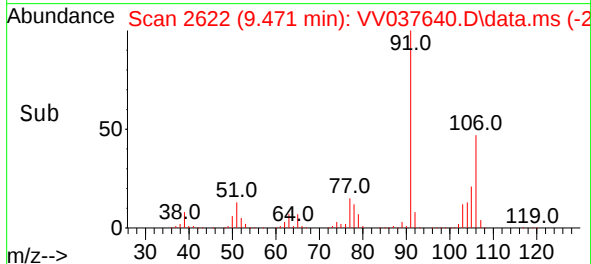
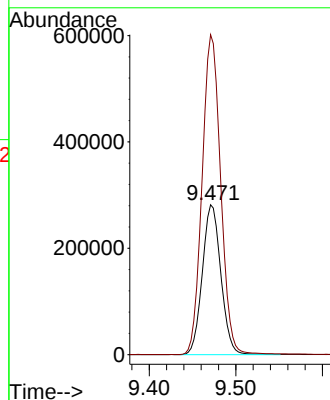
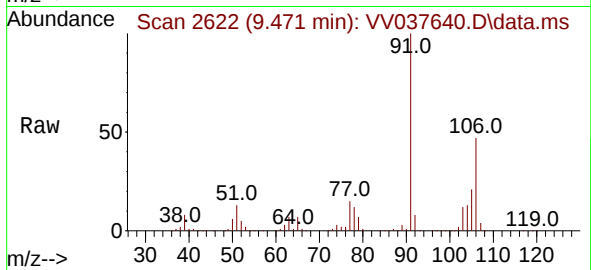




#54
o-Xylene
Concen: 53.924 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

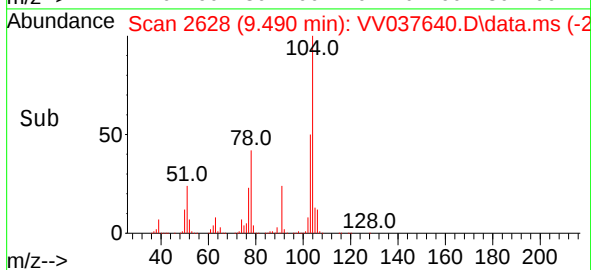
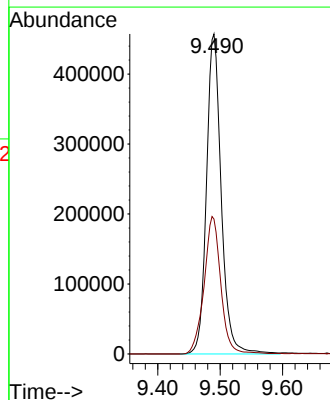
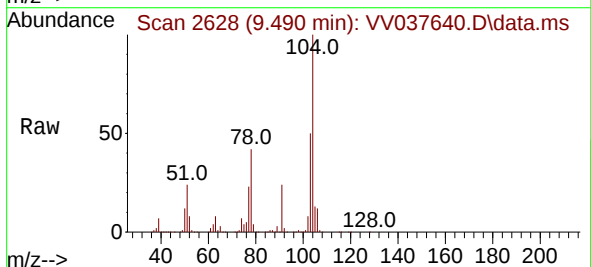
Instrument :
MSVOA_V
ClientSampleId :

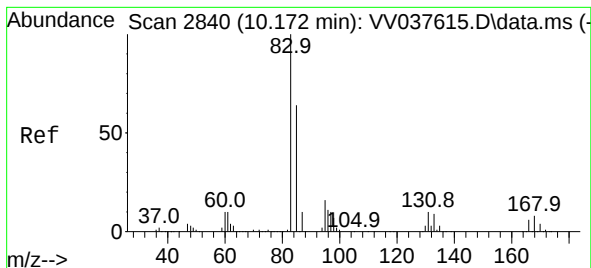
Tgt Ion:106 Resp: 418966
Ion Ratio Lower Upper
106 100
91 213.5 153.9 285.9



#55
Styrene
Concen: 55.652 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037640.D
Acq: 28 Sep 2024 03:49

Tgt Ion:104 Resp: 752723
Ion Ratio Lower Upper
104 100
78 42.1 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 51.141 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

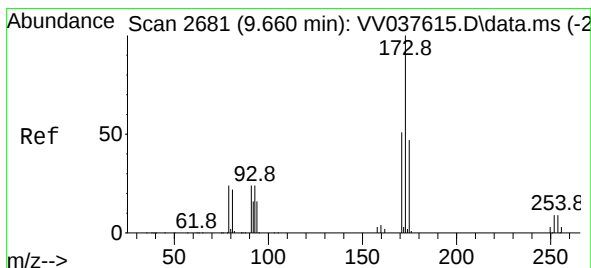
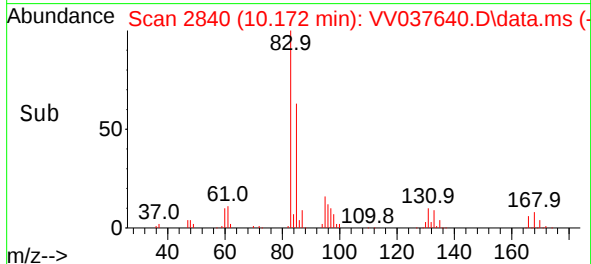
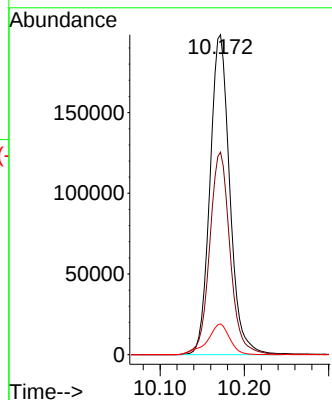
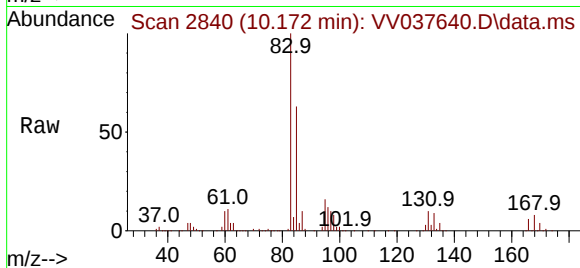
Tgt Ion: 83 Resp: 323961

Ion Ratio Lower Upper

83 100

85 63.3 45.9 85.3

131 9.6 7.9 11.9



#59

Bromoform

Concen: 51.351 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.003 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

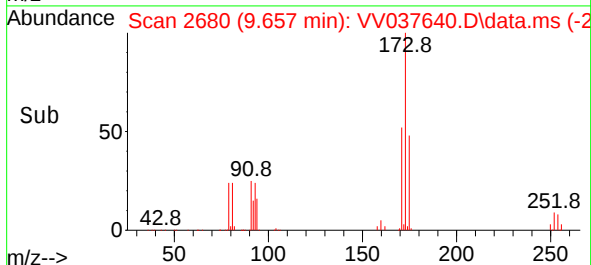
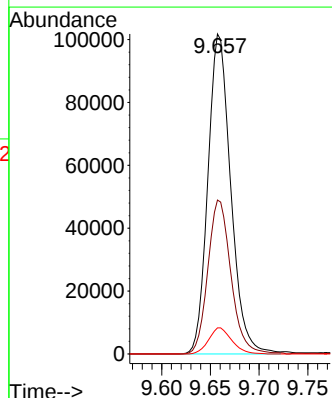
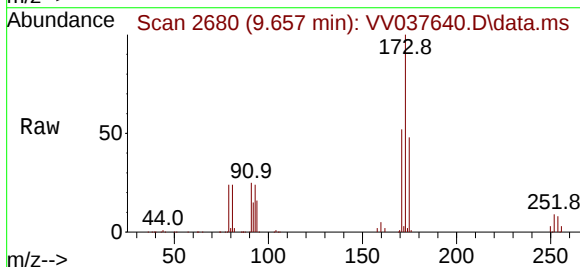
Tgt Ion: 173 Resp: 166368

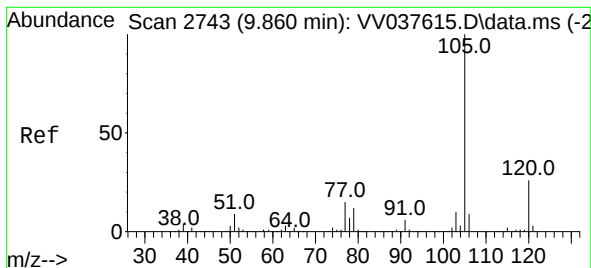
Ion Ratio Lower Upper

173 100

175 48.6 40.0 60.0

254 8.2 6.5 9.7





#60

Isopropylbenzene

Concen: 52.233 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

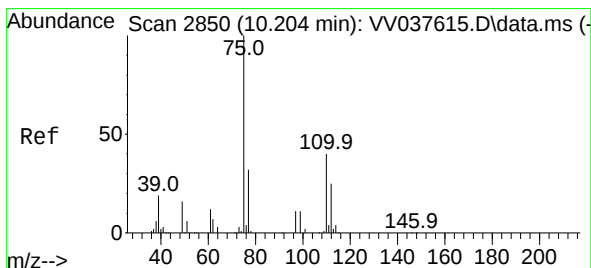
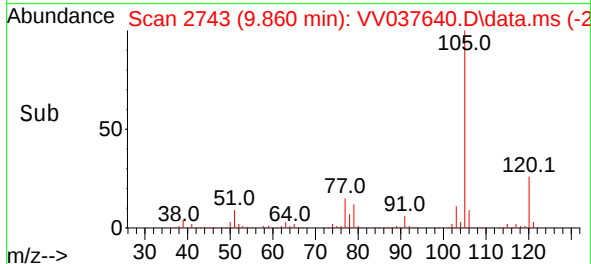
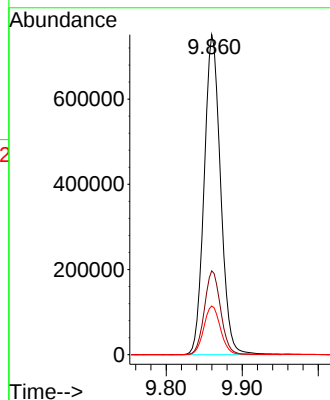
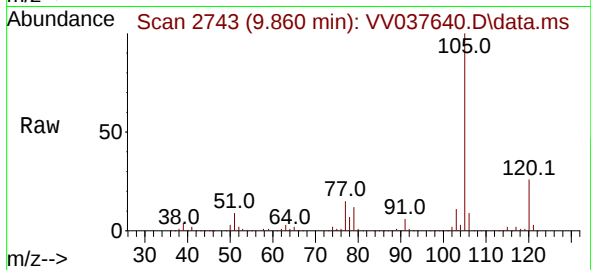
Tgt Ion:105 Resp: 1125672

Ion Ratio Lower Upper

105 100

120 26.1 20.7 31.1

77 15.4 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 49.494 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.003 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

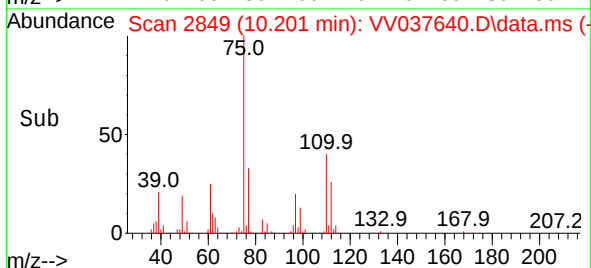
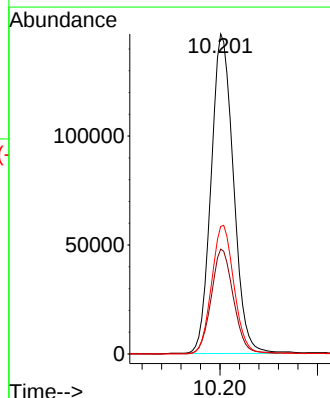
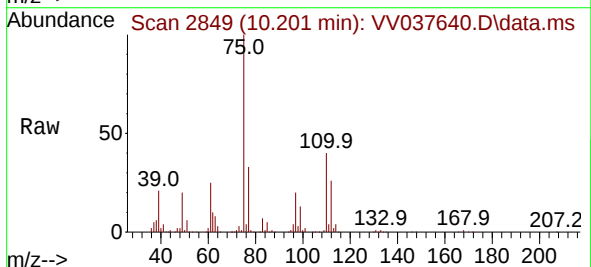
Tgt Ion: 75 Resp: 233457

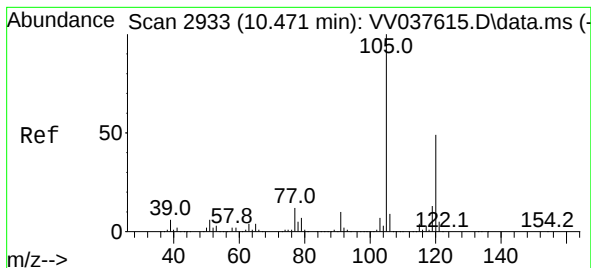
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

110 40.4 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 52.661 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

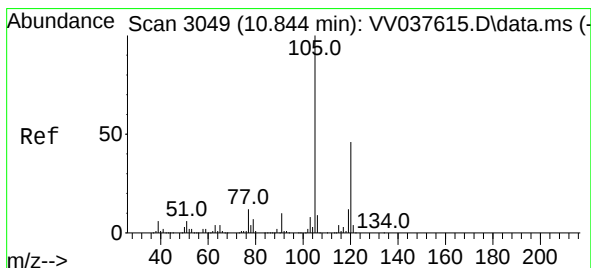
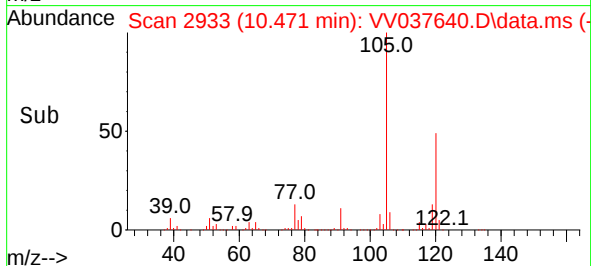
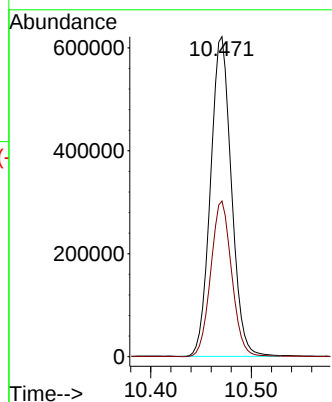
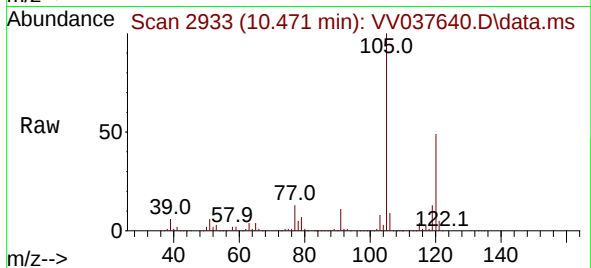
ClientSampleId :

Tgt Ion:105 Resp: 897269

Ion Ratio Lower Upper

105 100

120 48.8 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 52.959 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037640.D

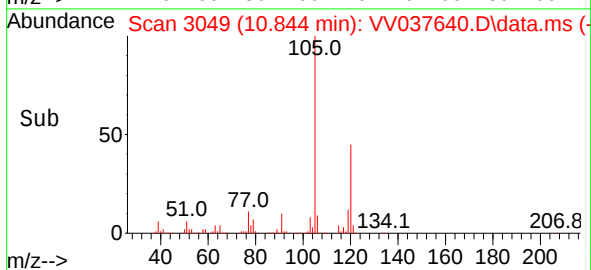
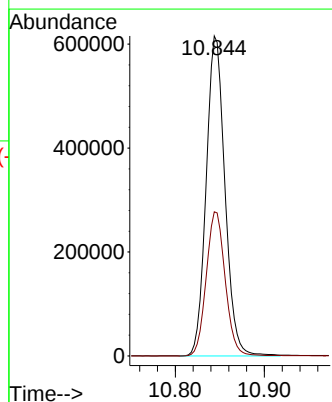
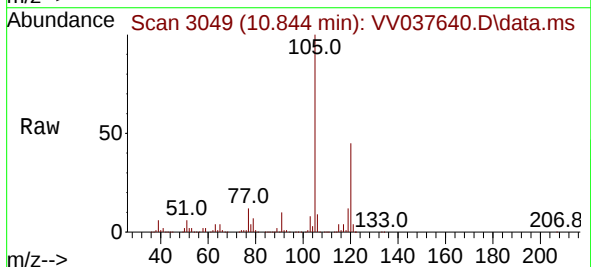
Acq: 28 Sep 2024 03:49

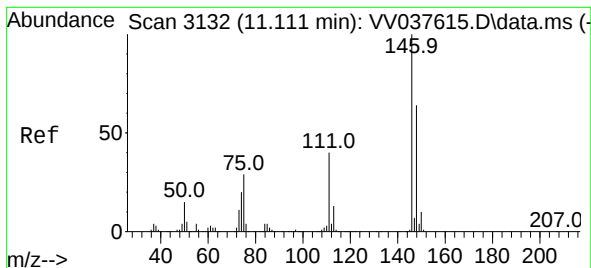
Tgt Ion:105 Resp: 897806

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 51.289 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

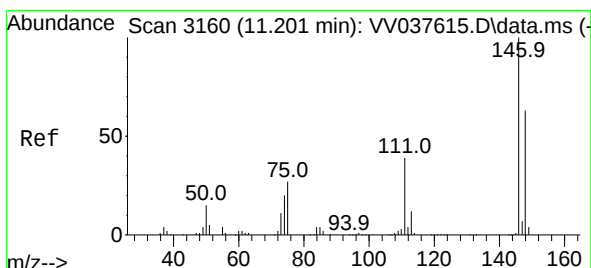
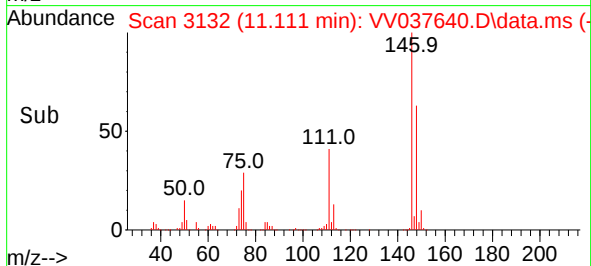
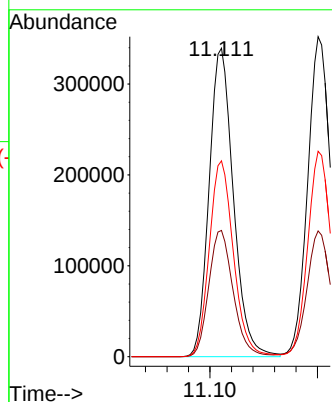
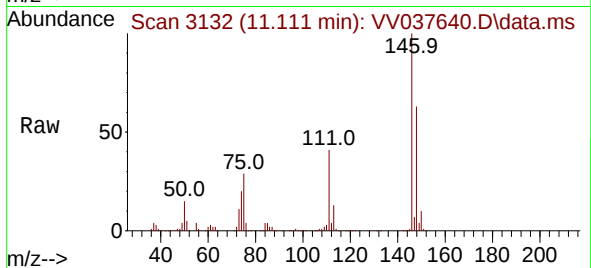
Tgt Ion:146 Resp: 532035

Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.5

148 63.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 50.558 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

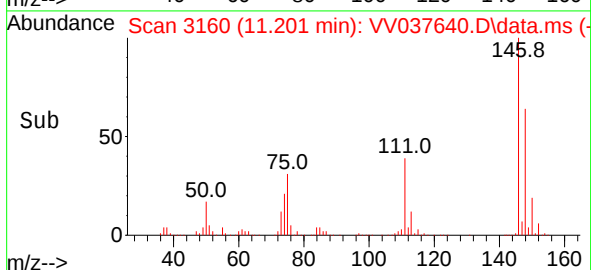
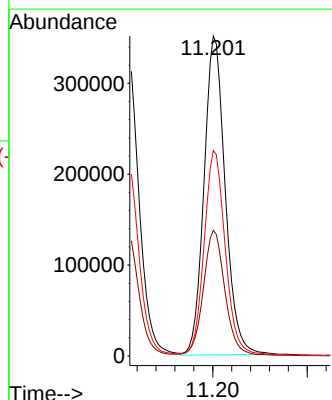
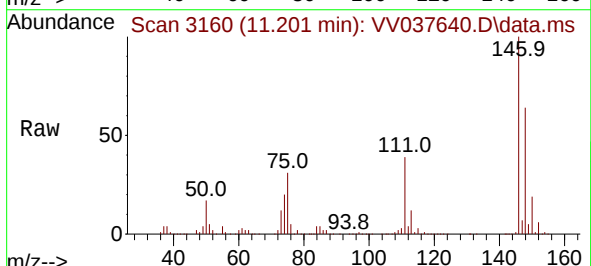
Tgt Ion:146 Resp: 546109

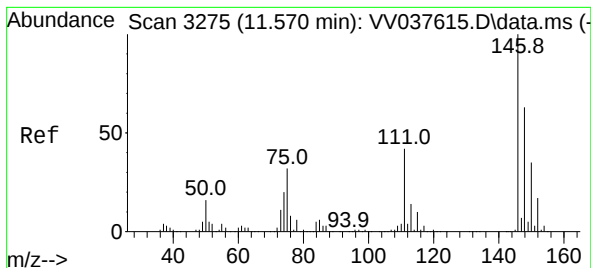
Ion Ratio Lower Upper

146 100

111 39.3 27.6 51.4

148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.847 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

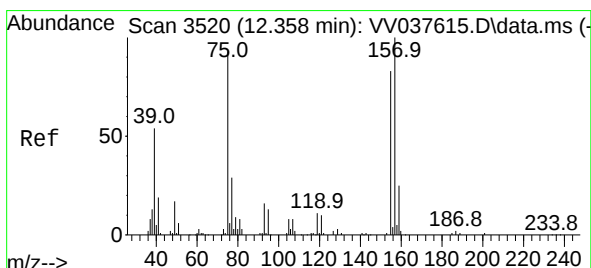
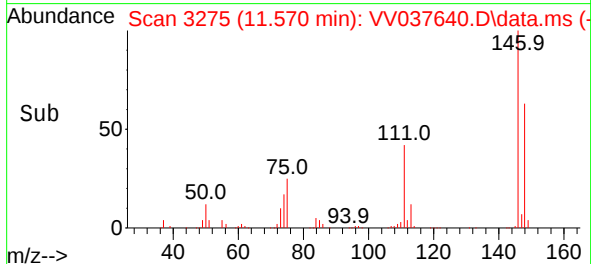
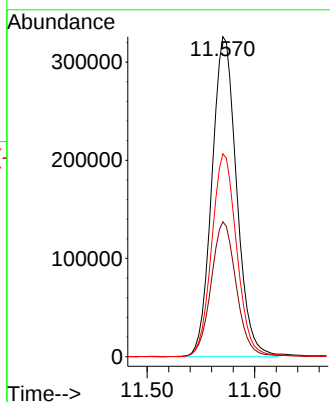
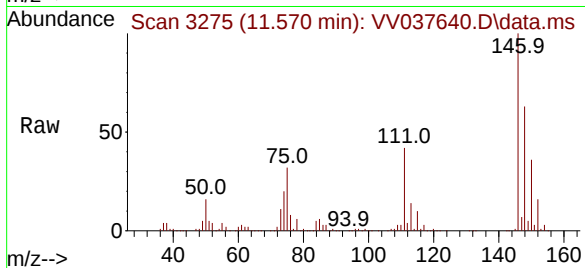
Tgt Ion:146 Resp: 521419

Ion Ratio Lower Upper

146 100

111 42.2 34.2 51.2

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 43.762 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

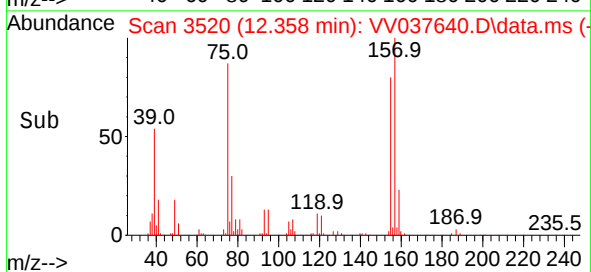
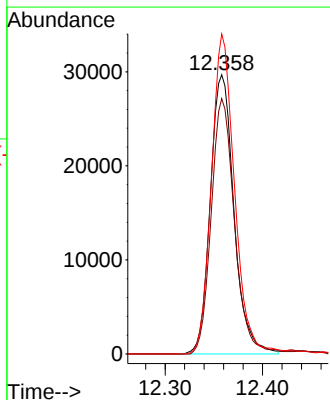
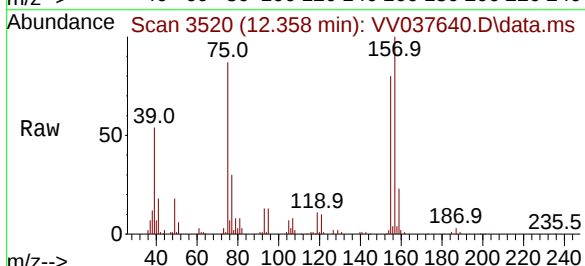
Tgt Ion: 75 Resp: 50108

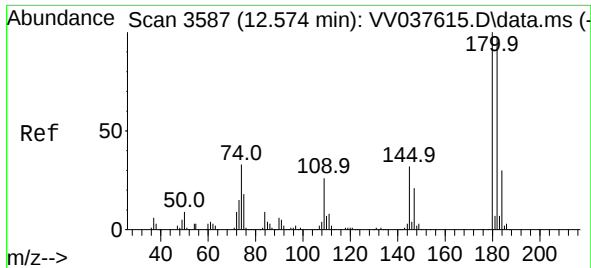
Ion Ratio Lower Upper

75 100

155 91.5 66.2 99.4

157 114.6 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.832 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

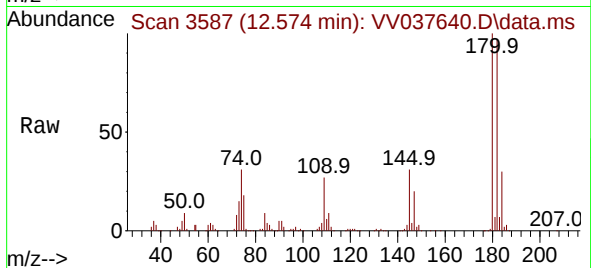
Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 341211

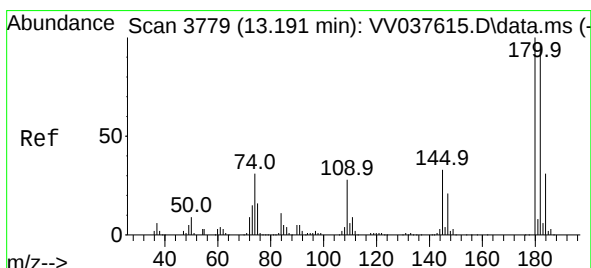
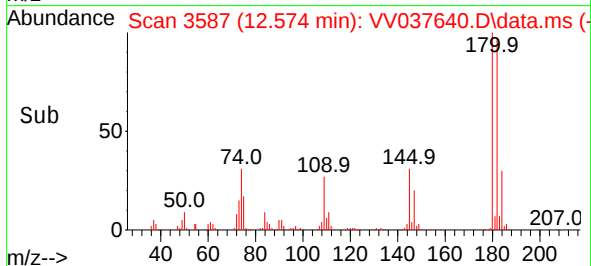
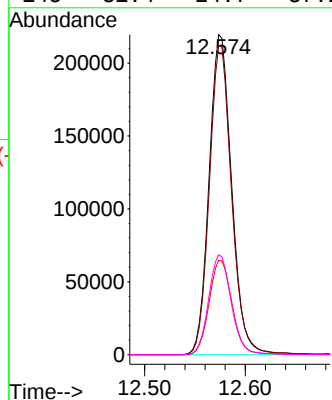
Ion Ratio Lower Upper

180 100

182 95.6 75.6 113.4

184 30.1 23.8 35.6

145 31.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 46.209 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

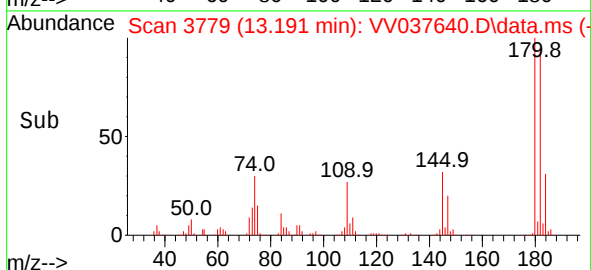
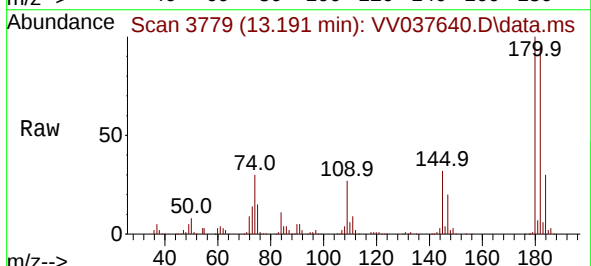
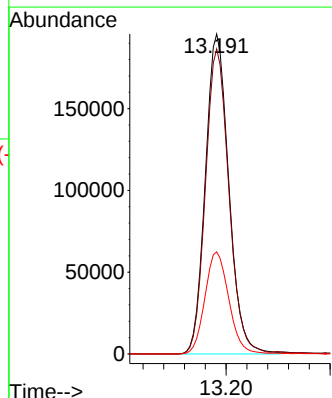
Tgt Ion:180 Resp: 305831

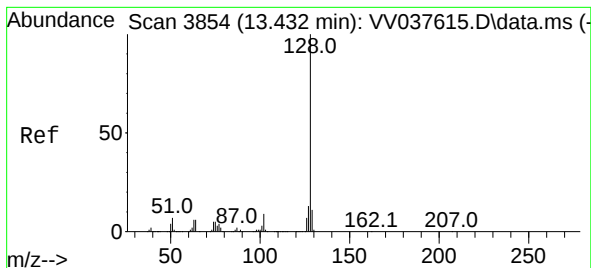
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 32.4 25.4 38.2





#71

Naphthalene

Concen: 44.641 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Instrument :

MSVOA_V

ClientSampleId :

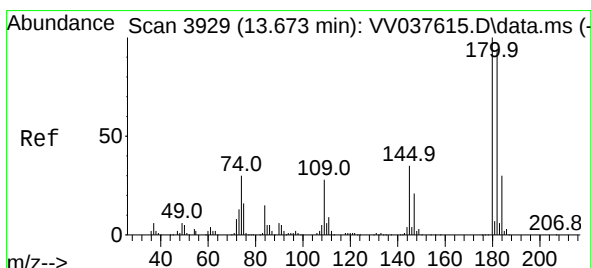
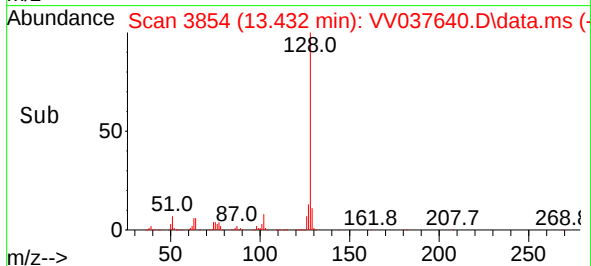
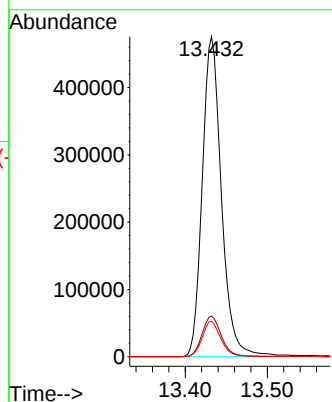
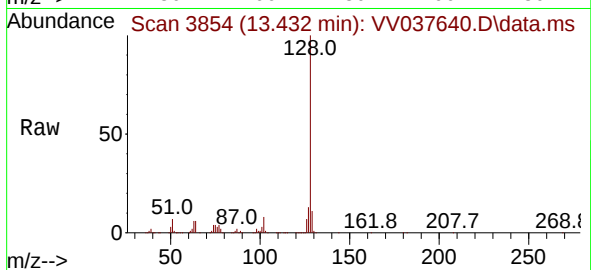
Tgt Ion:128 Resp: 771922

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: 46.999 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037640.D

Acq: 28 Sep 2024 03:49

Tgt Ion:180 Resp: 307178

Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.8

145 33.5 26.2 39.4

