

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037564.D
 Acq On : 26 Sep 2024 21:10
 Operator : SY/MD
 Sample : P4184-12MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:56:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	688636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	657837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	351849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	263223	43.543	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.080%
7) Chloroethane-d5	1.532	69	206702	44.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.100%
11) 1,1-Dichloroethene-d2	2.060	65	111125	44.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.000%
21) 2-Butanone-d5	3.793	46	190984	88.699	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.700%
24) Chloroform-d	4.243	84	481490	44.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
26) 1,2-Dichloroethane-d4	4.937	65	278505	44.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
32) Benzene-d6	4.953	84	934214	45.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	5.982	67	291862	44.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.060%
41) Toluene-d8	7.236	98	866964	46.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	7.548	79	135240	44.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.820%
47) 2-Hexanone-d5	8.024	63	138589	100.128	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.130%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	351994	46.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	11.554	152	331472	44.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	291901	49.792	ug/L	99
3) Chloromethane	1.217	50	279047	49.029	ug/L	100
5) Vinyl chloride	1.285	62	310896	50.953	ug/L	100
6) Bromomethane	1.487	94	157730	46.581	ug/L	99
8) Chloroethane	1.548	64	183332	48.748	ug/L	100
9) Trichlorofluoromethane	1.712	101	410800	50.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	243271	49.567	ug/L	99
12) 1,1-Dichloroethene	2.069	96	236092	51.497	ug/L	83
13) Acetone	2.111	43	151107	71.589	ug/L	99
14) Carbon disulfide	2.240	76	670725	46.869	ug/L	100
15) Methyl Acetate	2.372	43	171330	46.512	ug/L	99
16) Methylene chloride	2.446	84	251136	48.379	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	239272	49.334	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	725755	52.157	ug/L	99
19) 1,1-Dichloroethane	3.105	63	1074247	115.603	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	440050	81.078	ug/L	99
22) 2-Butanone	3.873	43	216815	92.804	ug/L	96
23) Bromochloromethane	4.140	128	138454	49.315	ug/L	97
25) Chloroform	4.272	83	478407	49.725	ug/L	98

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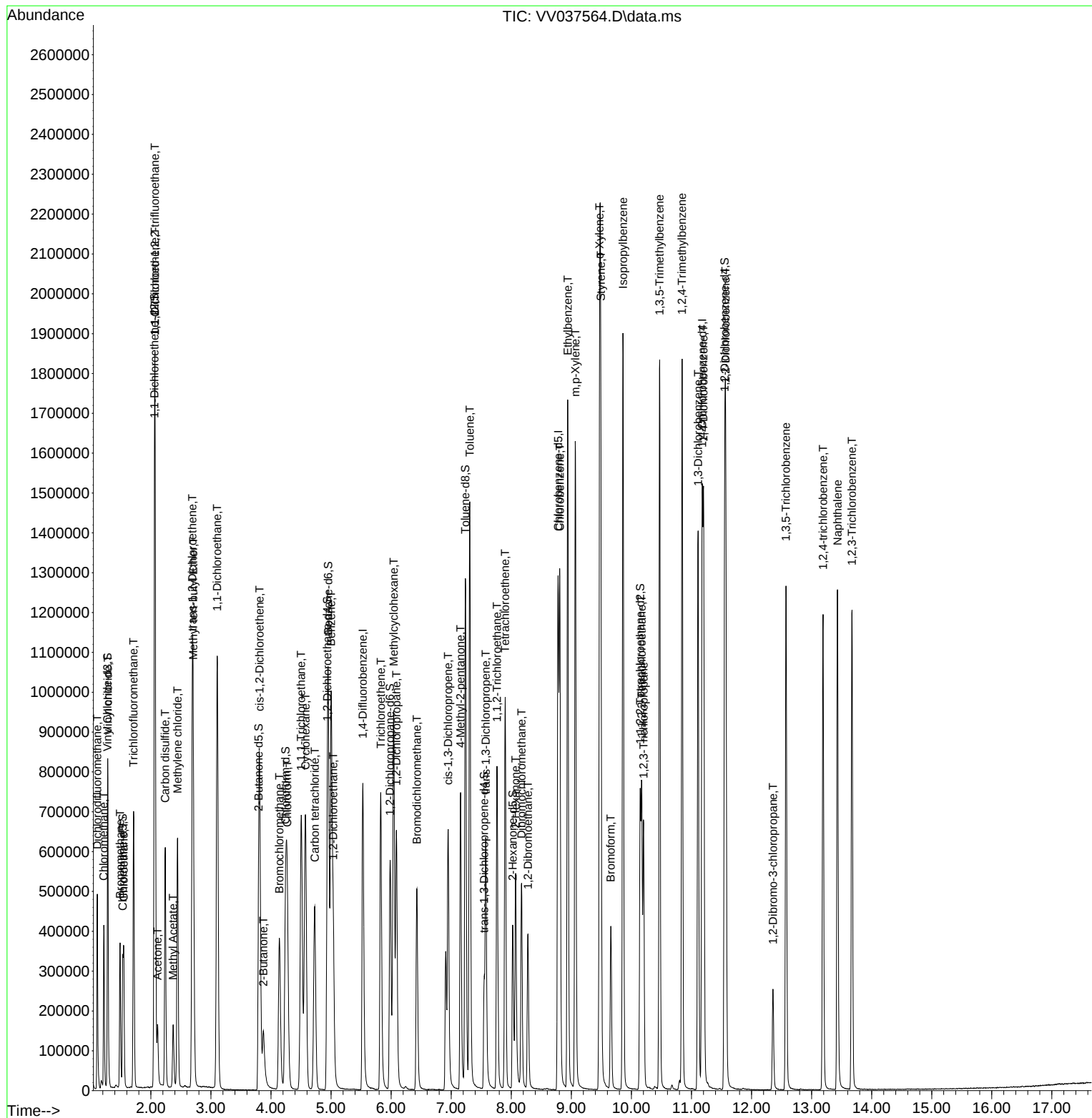
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	349807	51.502	ug/L	100
29) Cyclohexane	4.574	56	383686	51.370	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	576592	71.166	ug/L	99
31) Carbon tetrachloride	4.728	117	357145	50.701	ug/L	99
33) Benzene	5.002	78	1025964	51.713	ug/L	100
34) Trichloroethene	5.828	95	276205	52.277	ug/L	99
35) Methylcyclohexane	6.043	83	414767	51.029	ug/L	100
37) 1,2-Dichloropropane	6.088	63	264834	51.694	ug/L	100
38) Bromodichloromethane	6.429	83	351926	51.387	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	422247	51.632	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	473359	113.480	ug/L	99
42) Toluene	7.310	91	1084859	52.746	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	377127	51.221	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	254702	51.776	ug/L	99
46) Tetrachloroethene	7.899	164	218985	54.209	ug/L	98
48) 2-Hexanone	8.072	43	323337	99.687	ug/L	97
49) Dibromochloromethane	8.172	129	268871	51.642	ug/L	99
50) 1,2-Dibromoethane	8.278	107	261301	51.386	ug/L	100
51) Chlorobenzene	8.809	112	700569	49.995	ug/L	99
52) Ethylbenzene	8.940	91	1201094	51.879	ug/L	99
53) m,p-Xylene	9.066	106	457406	53.085	ug/L	98
54) o-Xylene	9.471	106	445112	52.913	ug/L	95
55) Styrene	9.490	104	791604	54.056	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	365794	53.334	ug/L	98
59) Bromoform	9.657	173	180342	52.442	ug/L	98
60) Isopropylbenzene	9.860	105	1202224	52.556	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	264417	52.813	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	963882	53.297	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	969542	53.881	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	557020	50.590	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	573192	49.994	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	548545	50.396	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	63887	52.567	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	374692	49.486	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	349363	49.731	ug/L	100
71) Naphthalene	13.432	128	993701	54.140	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	349992	50.450	ug/L	99

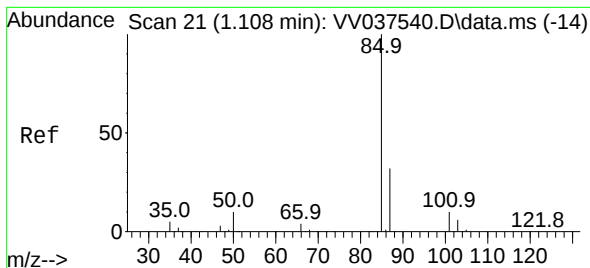
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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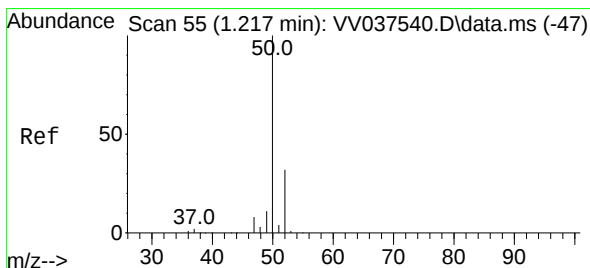
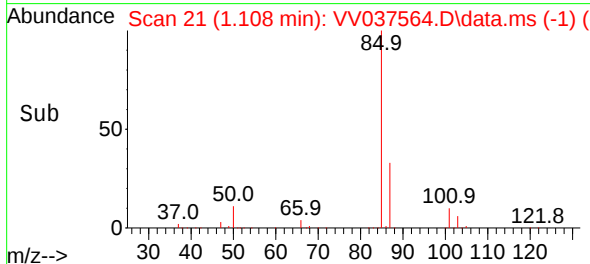
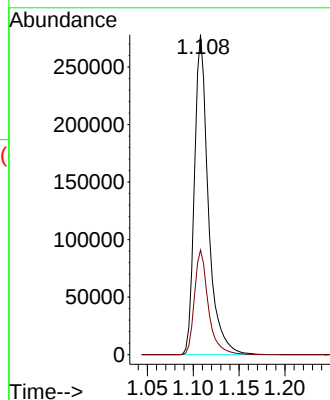
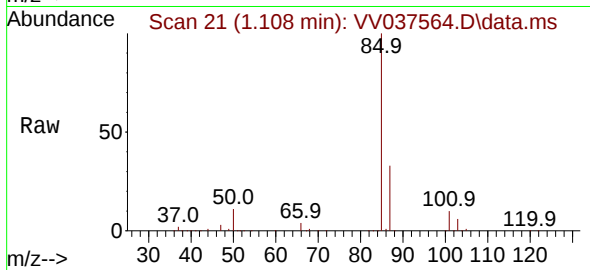




#2
 Dichlorodifluoromethane
 Concen: 49.792 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037564.D
 Acq: 26 Sep 2024 21:10

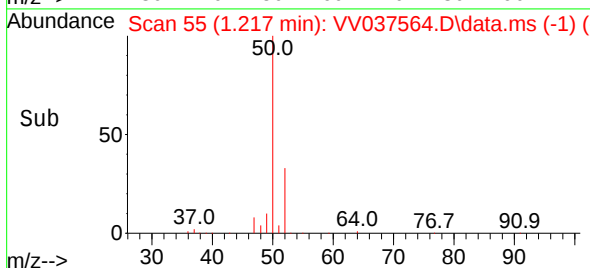
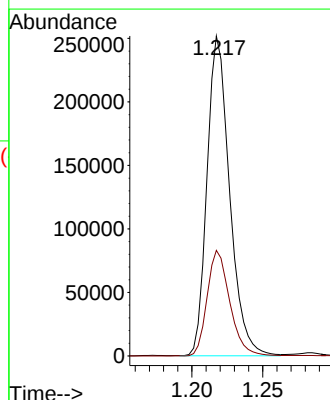
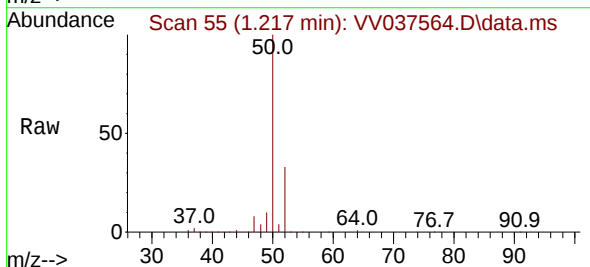
Instrument :
 MSVOA_V
 ClientSampleId :

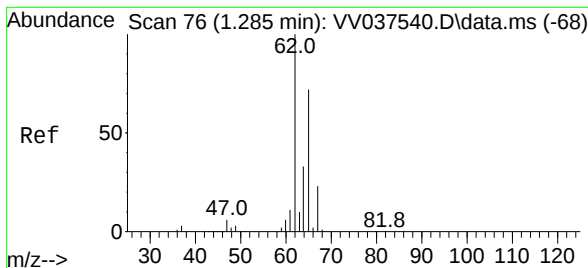
Tgt Ion: 85 Resp: 291901
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 49.029 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037564.D
 Acq: 26 Sep 2024 21:10

Tgt Ion: 50 Resp: 279047
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2





#5

Vinyl chloride

Concen: 50.953 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

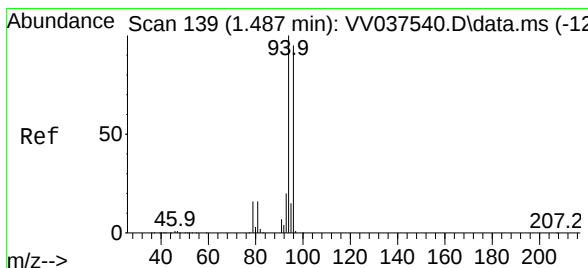
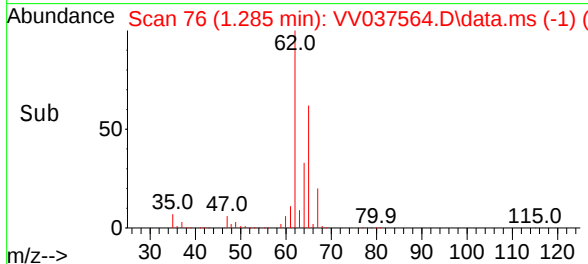
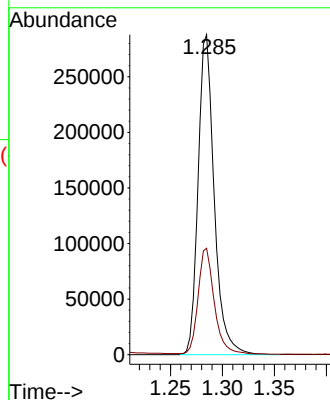
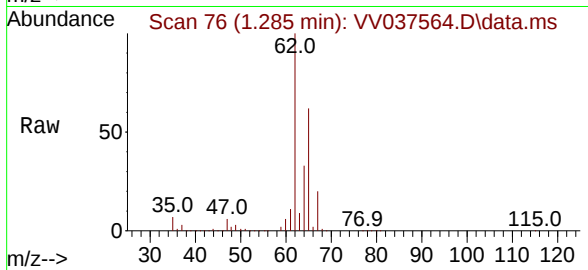
ClientSampleId :

Tgt Ion: 62 Resp: 310896

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



#6

Bromomethane

Concen: 46.581 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037564.D

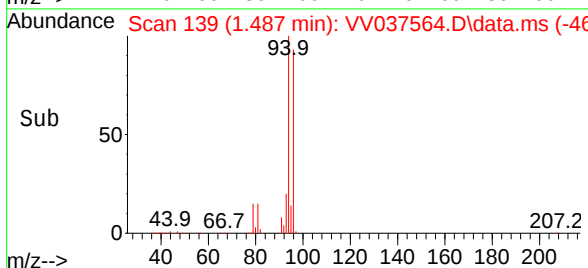
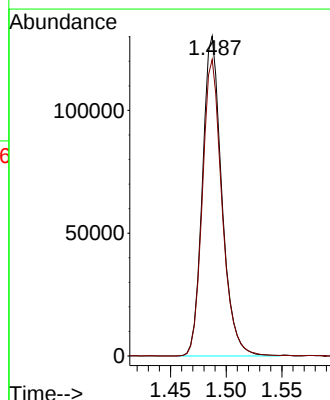
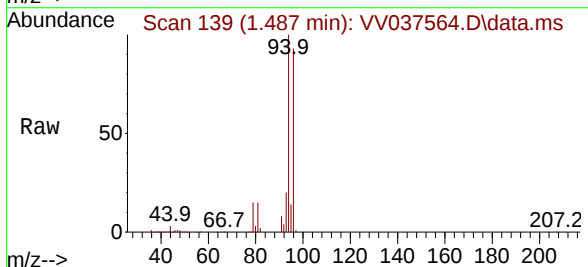
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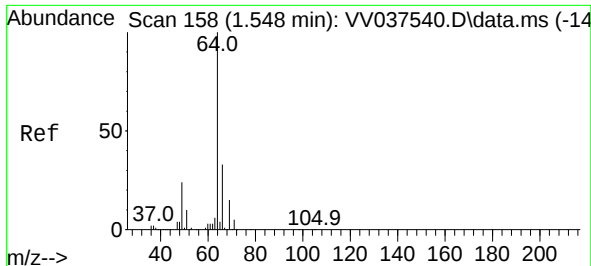
Tgt Ion: 94 Resp: 157730

Ion Ratio Lower Upper

94 100

96 92.7 65.8 122.2

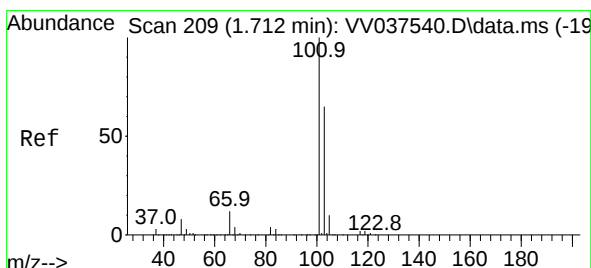
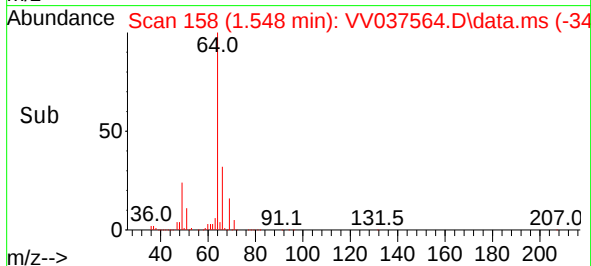
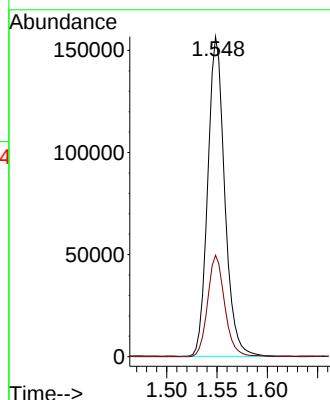
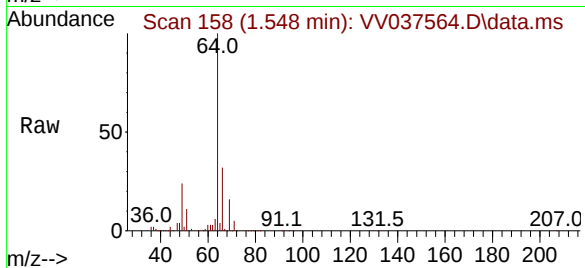




#8
Chloroethane
Concen: 48.748 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

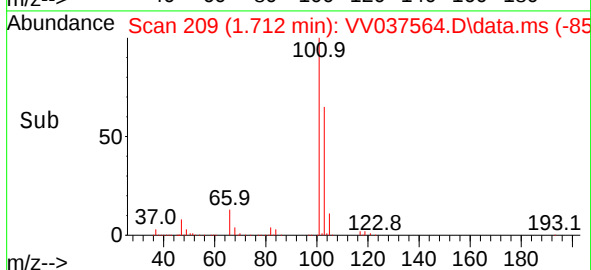
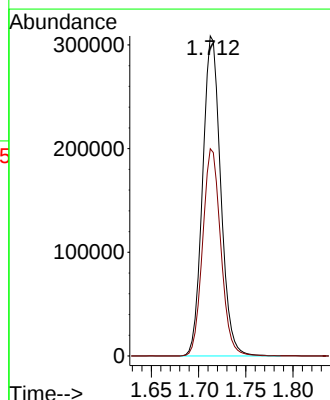
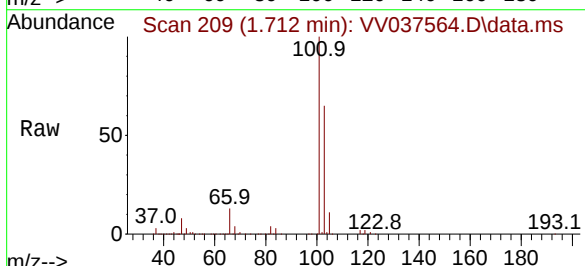
Instrument :
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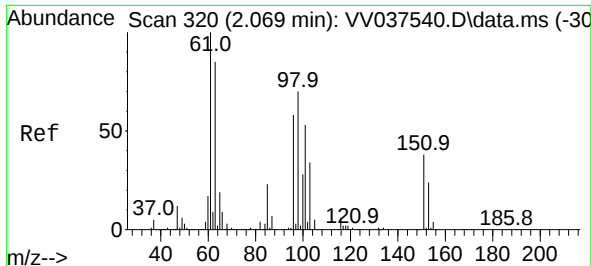
Tgt Ion: 64 Resp: 183332
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 50.017 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Tgt Ion:101 Resp: 410800
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

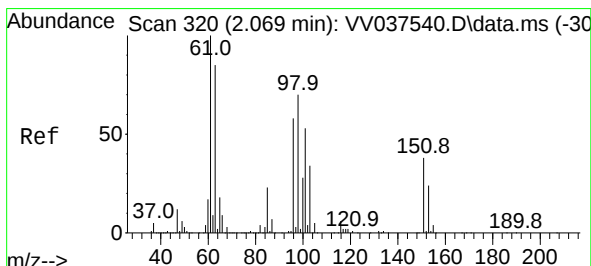
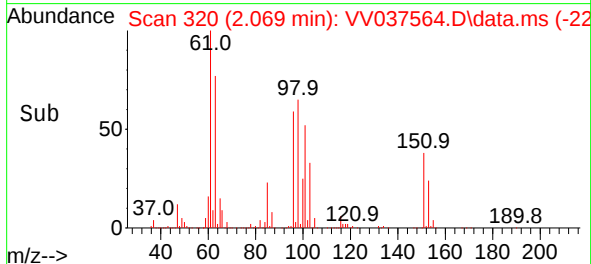
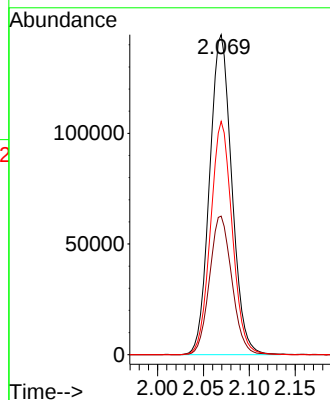
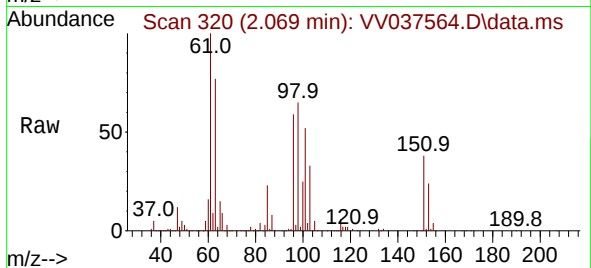




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.567 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV037564.D
 Acq: 26 Sep 2024 21:10

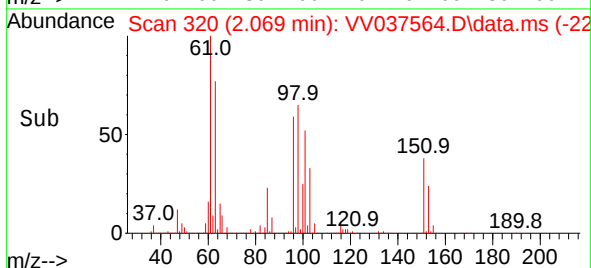
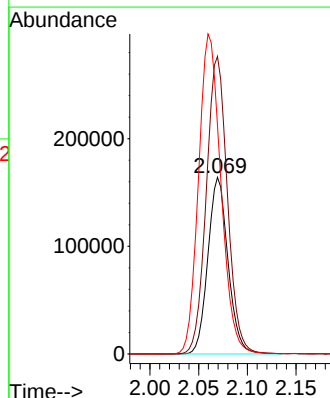
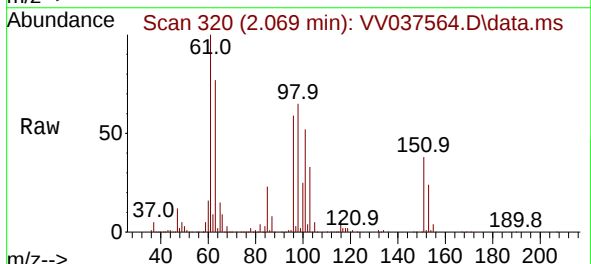
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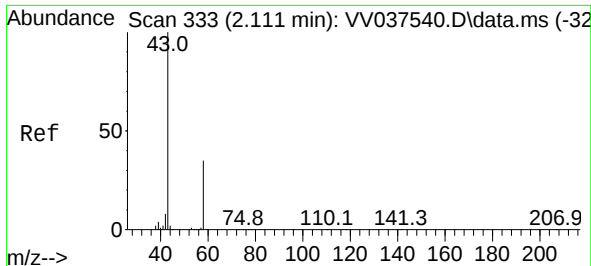
Tgt Ion:101 Resp: 243271
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.6 52.0
 151 71.2 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 51.497 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037564.D
 Acq: 26 Sep 2024 21:10

Tgt Ion: 96 Resp: 236092
 Ion Ratio Lower Upper
 96 100
 61 168.4 122.6 227.6
 63 129.3 118.0 219.2





#13

Acetone

Concen: 71.589 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

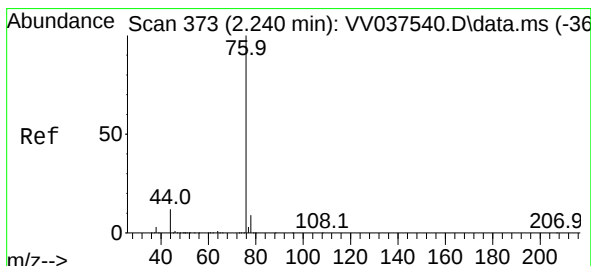
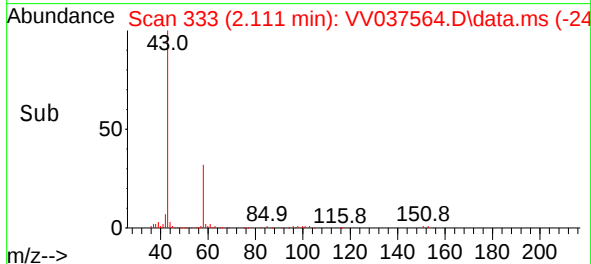
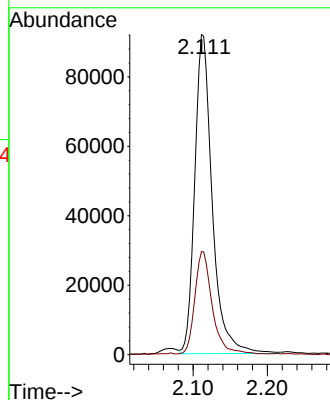
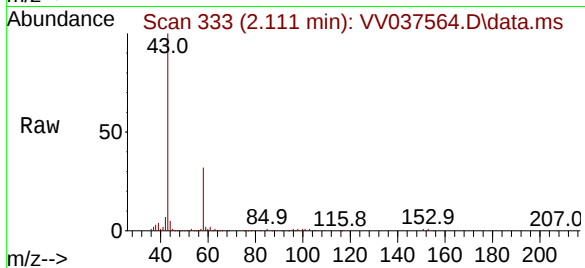
ClientSampleId :

Tgt Ion: 43 Resp: 151107

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.6



#14

Carbon disulfide

Concen: 46.869 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037564.D

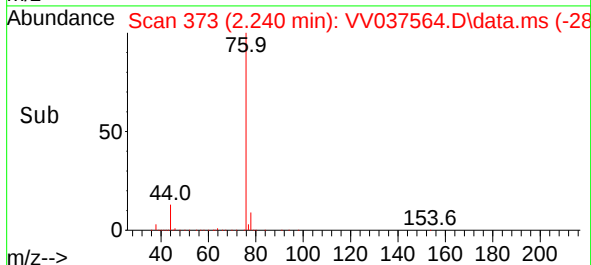
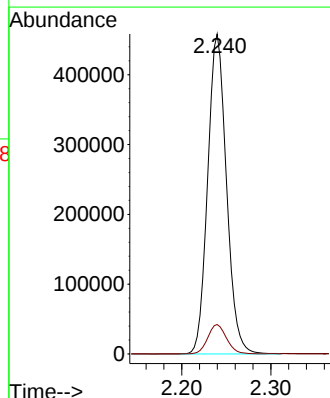
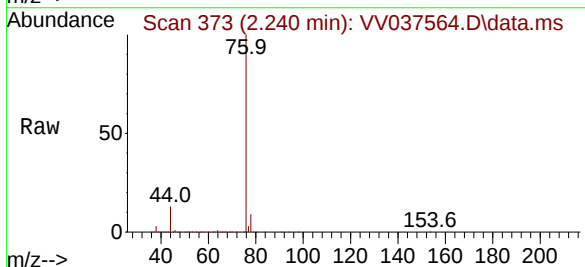
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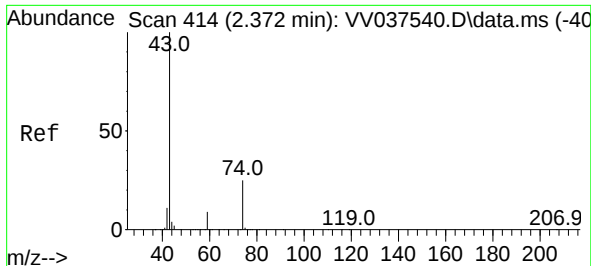
Tgt Ion: 76 Resp: 670725

Ion Ratio Lower Upper

76 100

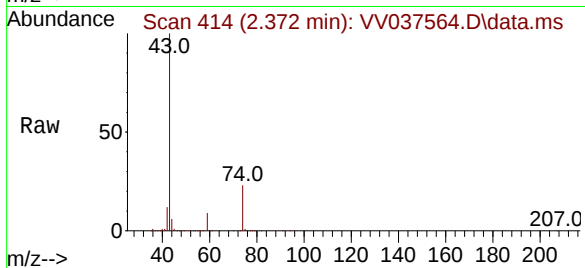
78 9.2 7.4 11.0



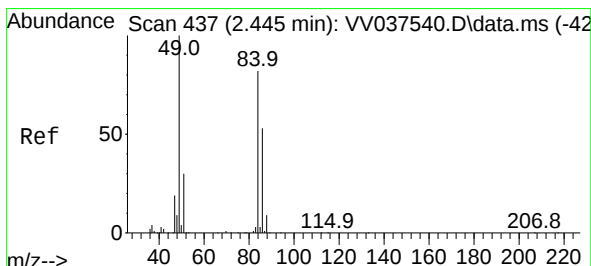
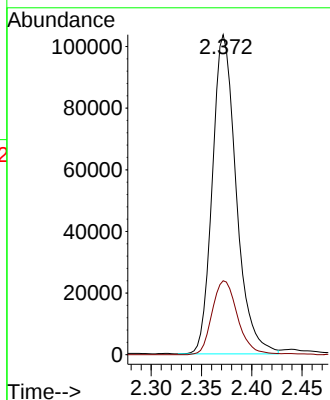
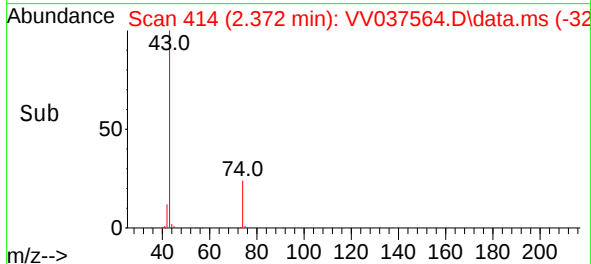


#15
Methyl Acetate
Concen: 46.512 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

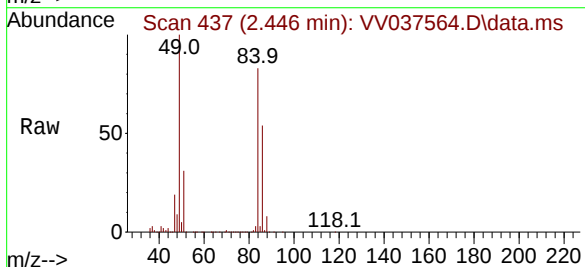
Instrument :
MSVOA_V
ClientSampleId :



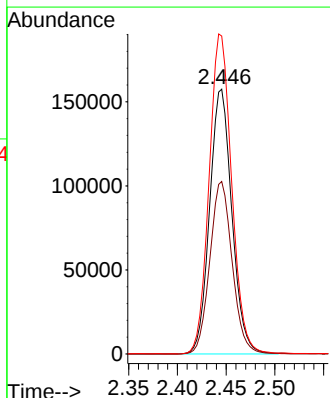
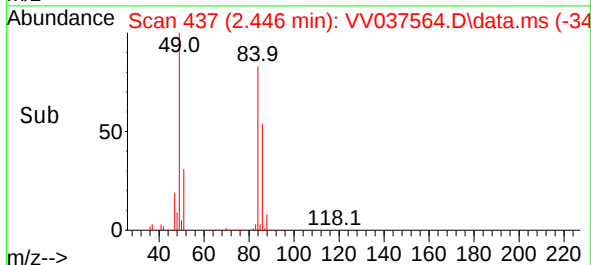
Tgt Ion: 43 Resp: 171330
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.0

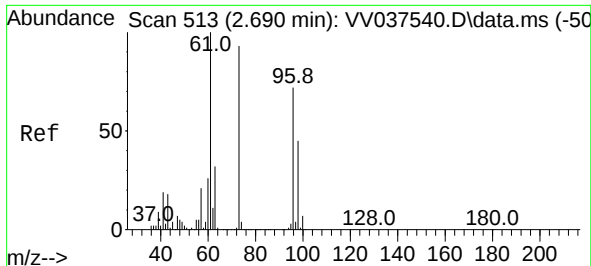


#16
Methylene chloride
Concen: 48.379 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10



Tgt Ion: 84 Resp: 251136
Ion Ratio Lower Upper
84 100
86 65.1 46.4 86.2
49 120.1 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 49.334 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

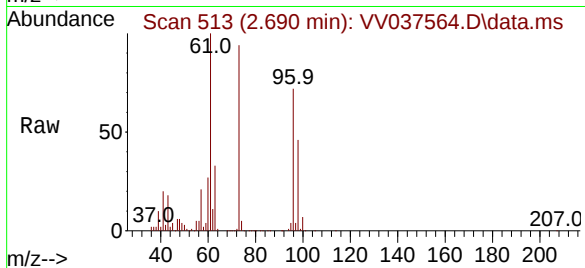
Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :



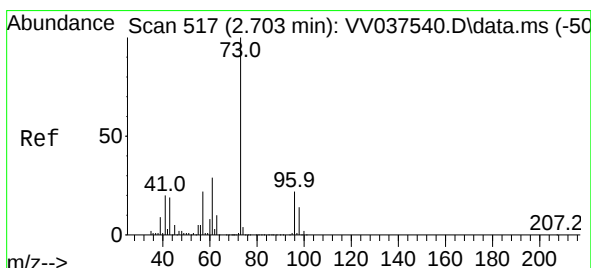
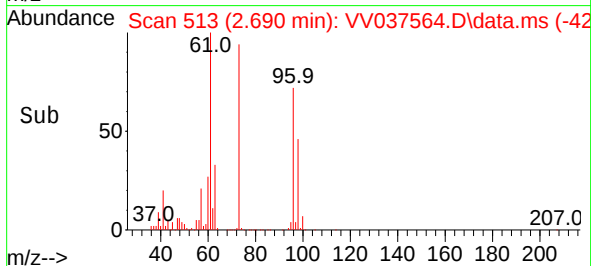
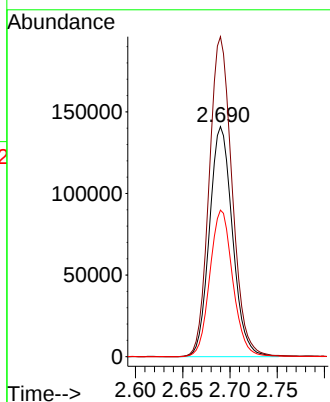
Tgt Ion: 96 Resp: 239272

Ion Ratio Lower Upper

96 100

61 139.1 97.3 180.7

98 63.7 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 52.157 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

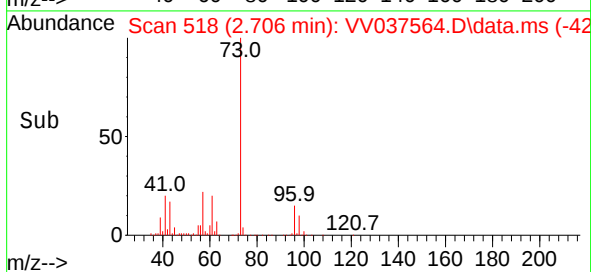
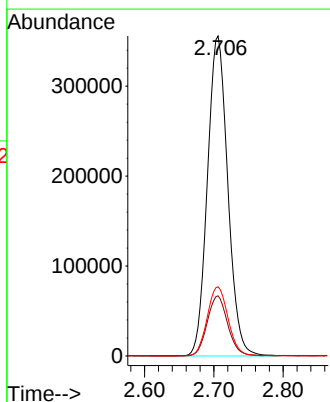
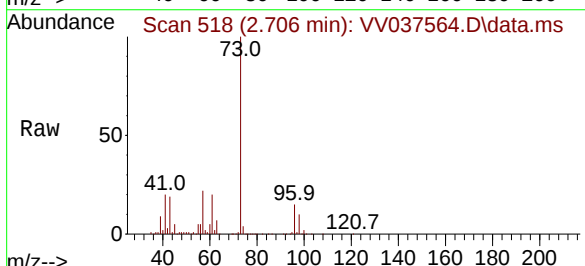
Tgt Ion: 73 Resp: 725755

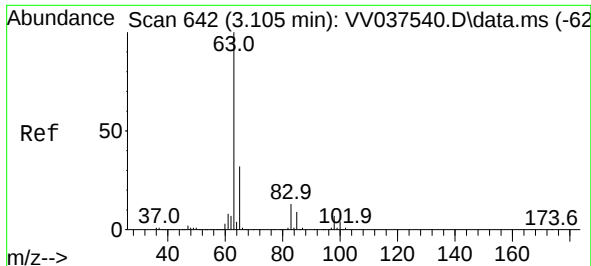
Ion Ratio Lower Upper

73 100

43 18.7 15.1 22.7

57 22.2 17.4 26.2

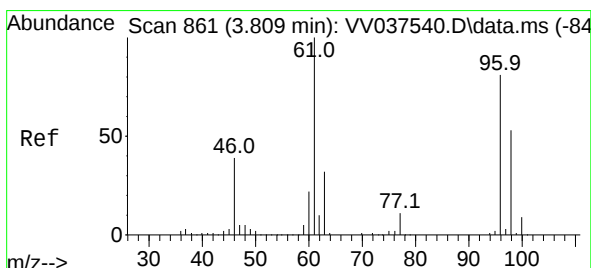
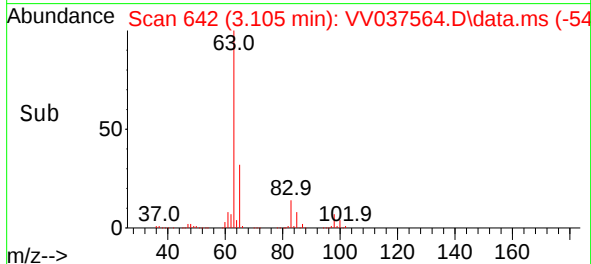
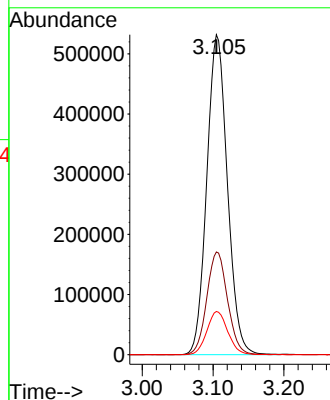
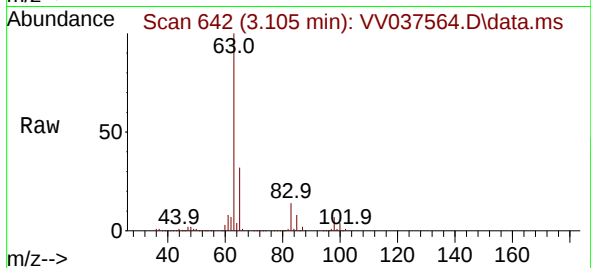




#19
1,1-Dichloroethane
Concen: 115.603 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

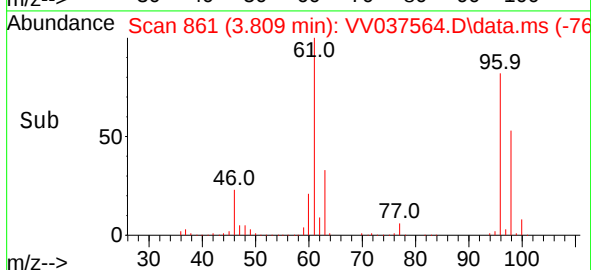
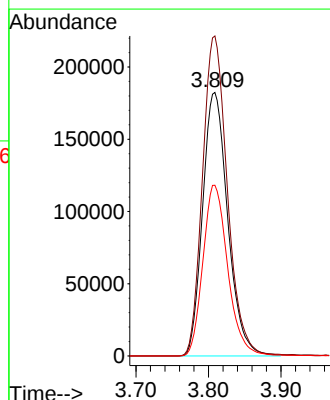
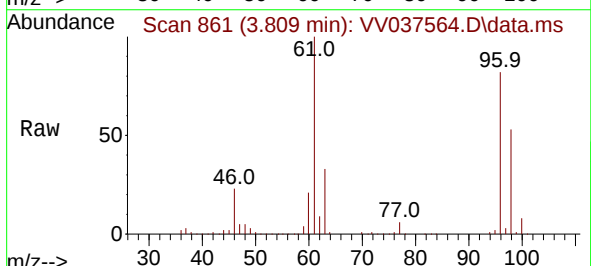
Instrument :
MSVOA_V
ClientSampleId :

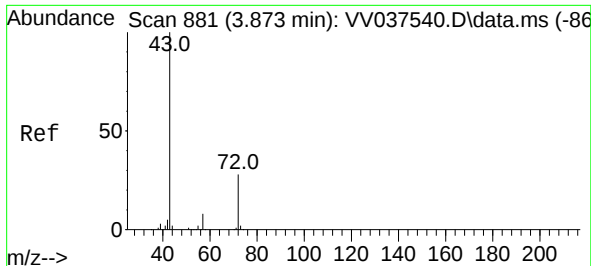
Tgt Ion: 63 Resp: 1074247
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 81.078 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Tgt Ion: 96 Resp: 440050
Ion Ratio Lower Upper
96 100
61 121.4 85.0 157.8
98 64.8 44.2 82.0





#22

2-Butanone

Concen: 92.804 ug/L

RT: 3.873 min Scan# 881

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

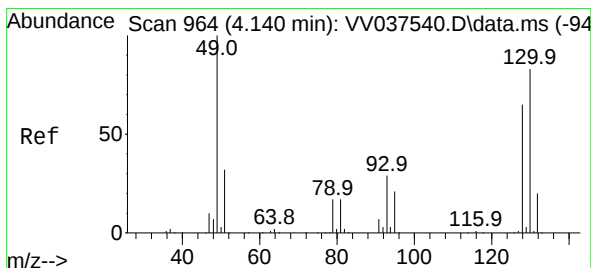
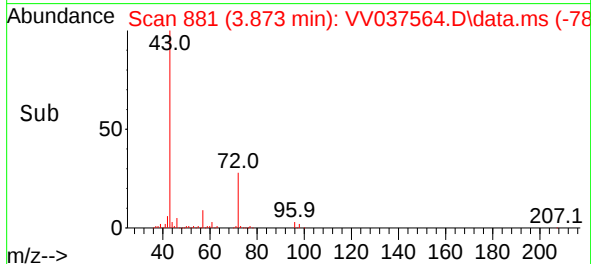
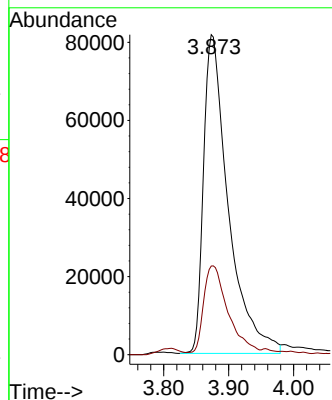
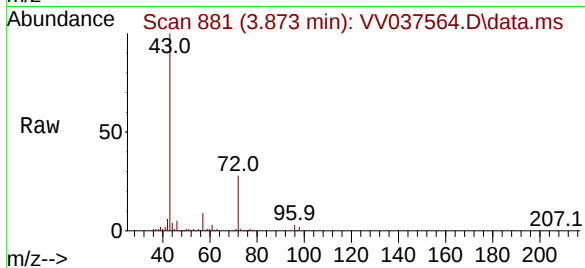
ClientSampleId :

Tgt Ion: 43 Resp: 216815

Ion Ratio Lower Upper

43 100

72 26.6 14.3 42.9



#23

Bromochloromethane

Concen: 49.315 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Tgt Ion:128 Resp: 138454

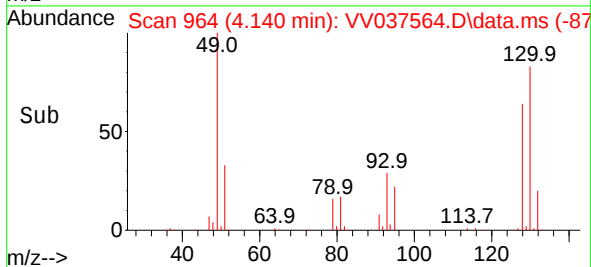
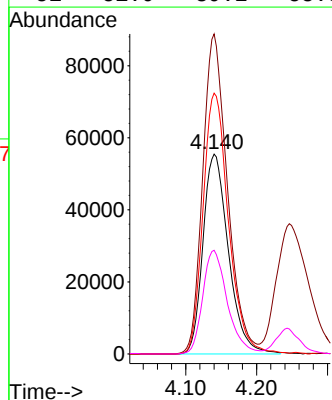
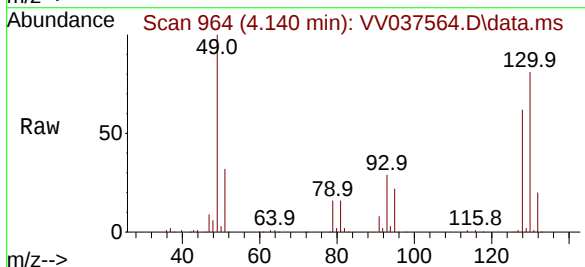
Ion Ratio Lower Upper

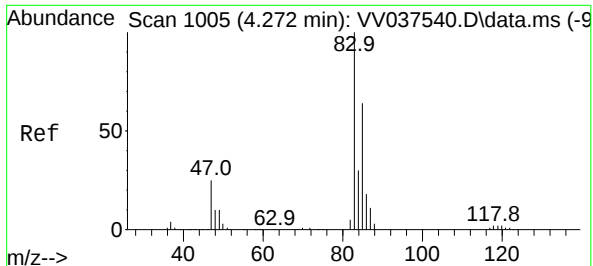
128 100

49 160.1 108.7 201.9

130 130.5 90.4 168.0

51 51.9 39.2 58.8





#25

Chloroform

Concen: 49.725 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

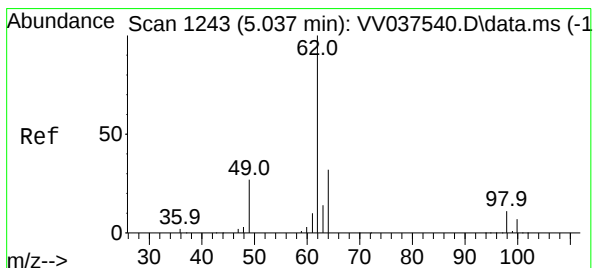
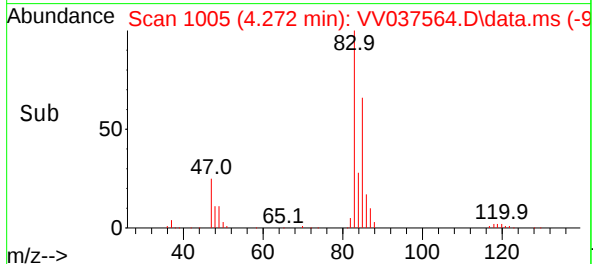
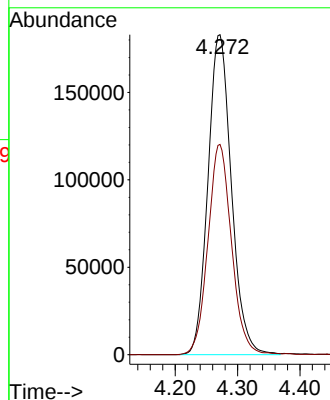
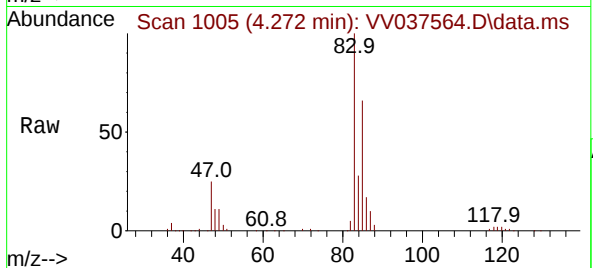
ClientSampleId :

Tgt Ion: 83 Resp: 478407

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.502 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037564.D

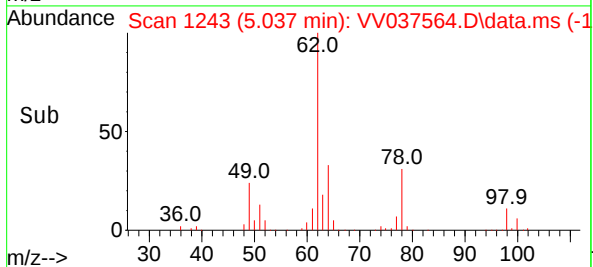
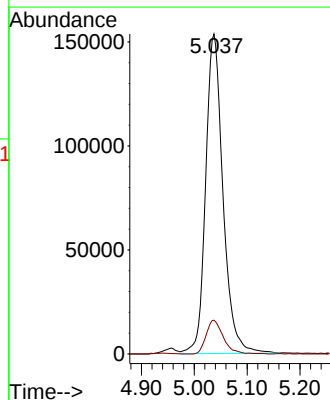
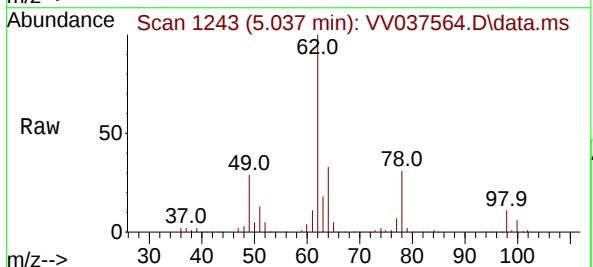
Acq: 26 Sep 2024 21:10

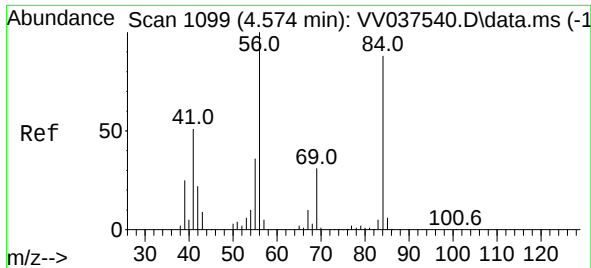
Tgt Ion: 62 Resp: 349807

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6





#29

Cyclohexane

Concen: 51.370 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

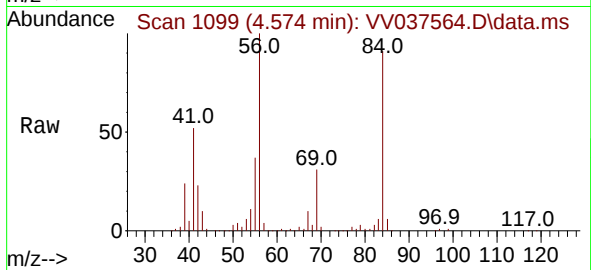
Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :



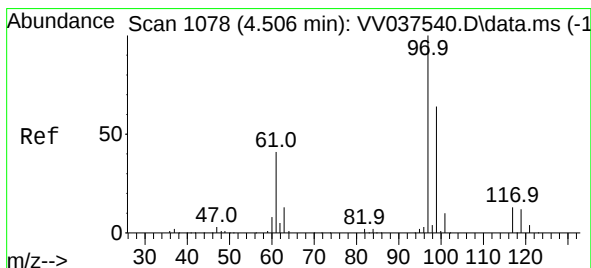
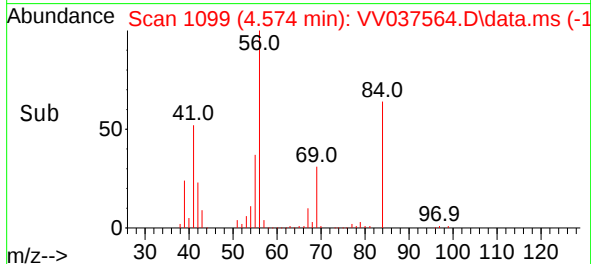
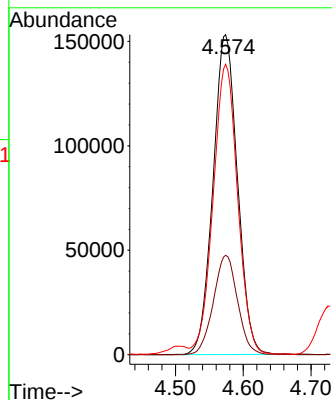
Tgt Ion: 56 Resp: 383686

Ion Ratio Lower Upper

56 100

69 30.7 24.7 37.1

84 91.0 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 71.166 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

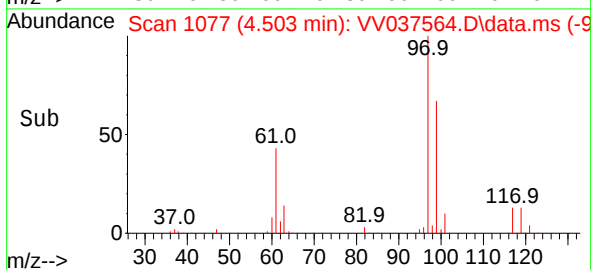
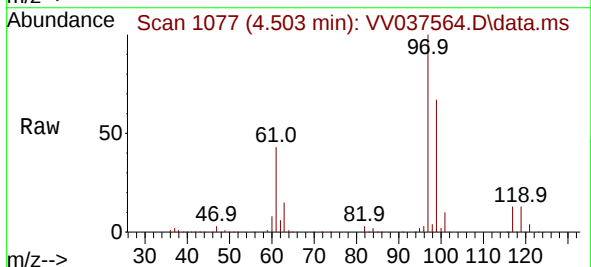
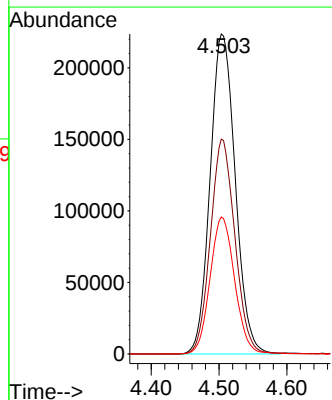
Tgt Ion: 97 Resp: 576592

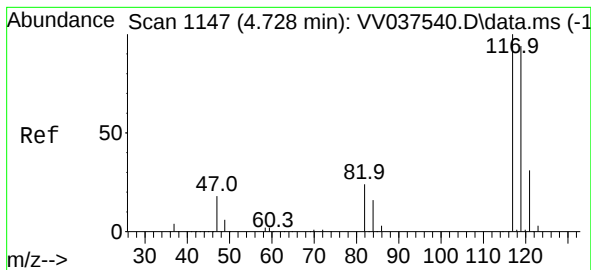
Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

61 41.8 33.6 50.4





#31

Carbon tetrachloride

Concen: 50.701 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

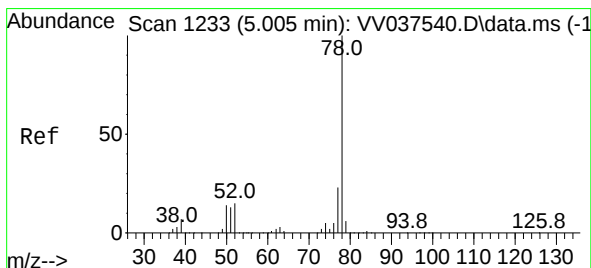
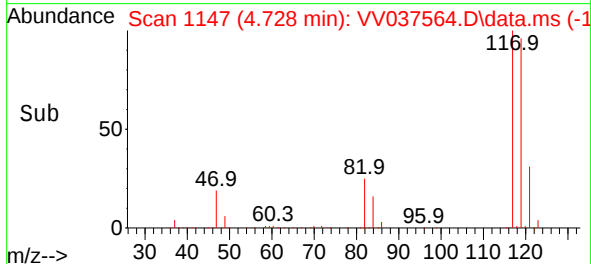
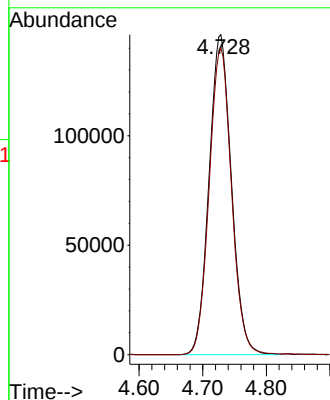
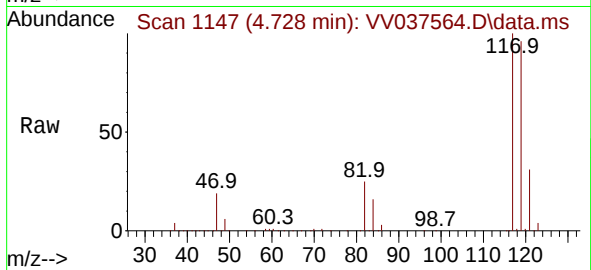
ClientSampleId :

Tgt Ion:117 Resp: 357145

Ion Ratio Lower Upper

117 100

119 95.5 76.9 115.3



#33

Benzene

Concen: 51.713 ug/L

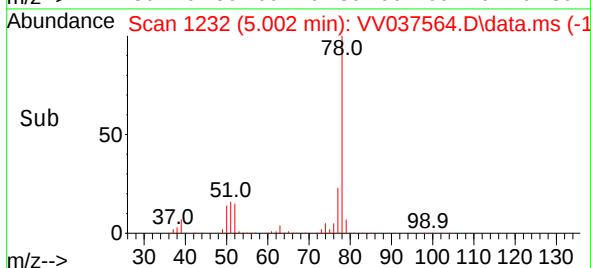
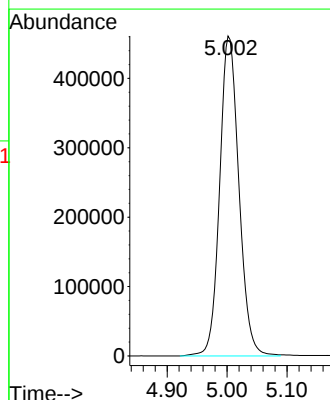
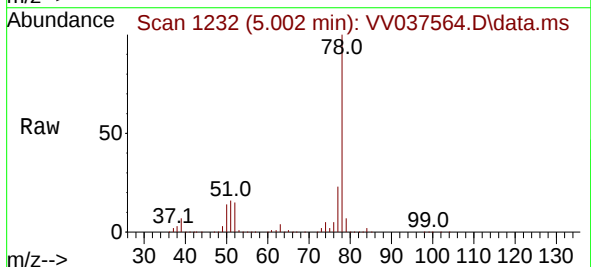
RT: 5.002 min Scan# 1232

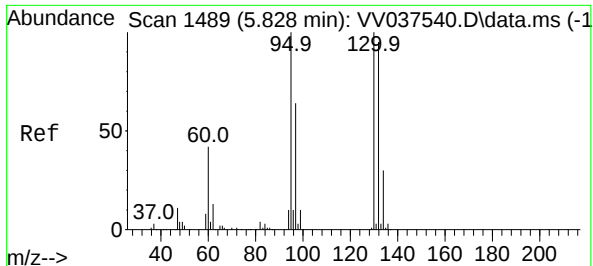
Delta R.T. -0.003 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Tgt Ion: 78 Resp: 1025964





#34

Trichloroethene

Concen: 52.277 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

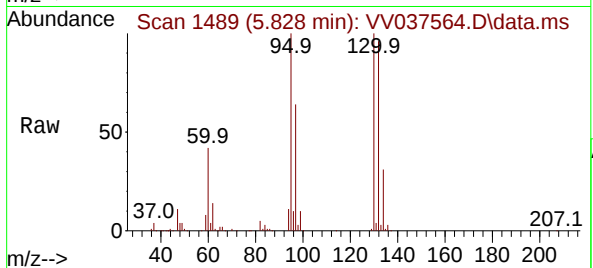
Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 276205

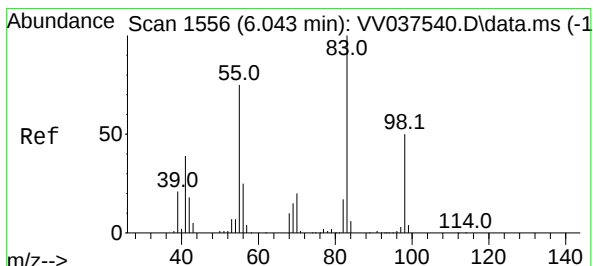
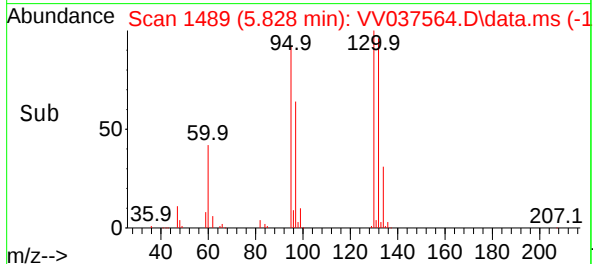
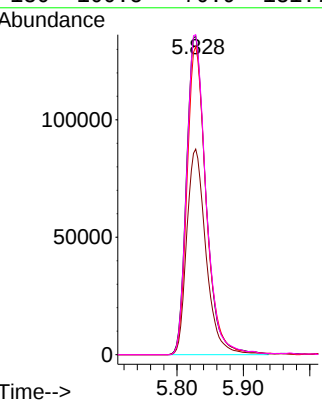
Ion Ratio Lower Upper

95 100

97 64.6 46.3 85.9

132 96.7 68.6 127.4

130 100.5 70.9 131.7



#35

Methylcyclohexane

Concen: 51.029 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

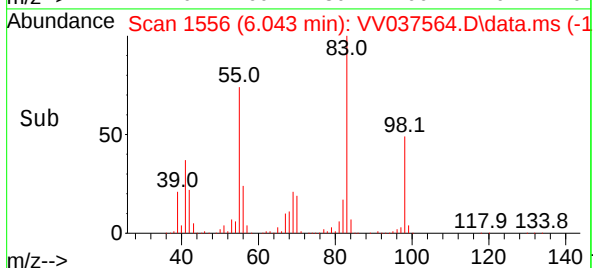
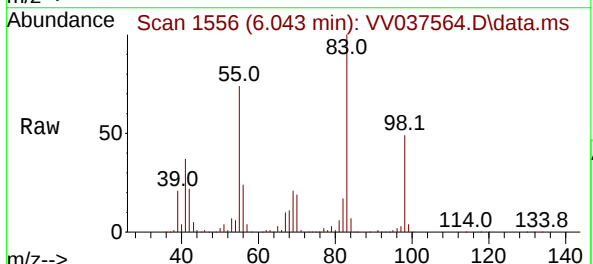
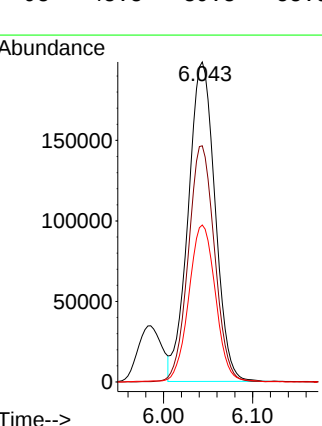
Tgt Ion: 83 Resp: 414767

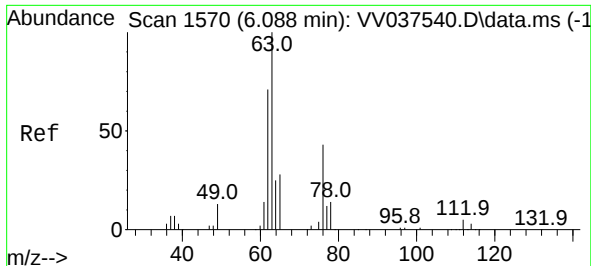
Ion Ratio Lower Upper

83 100

55 72.6 57.9 86.9

98 48.8 39.3 58.9

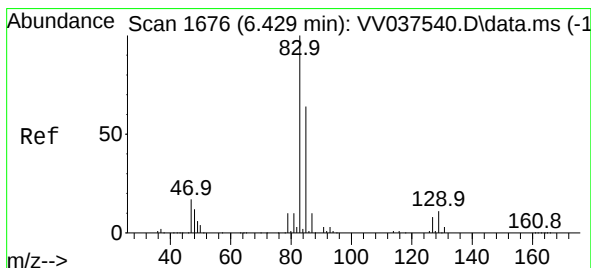
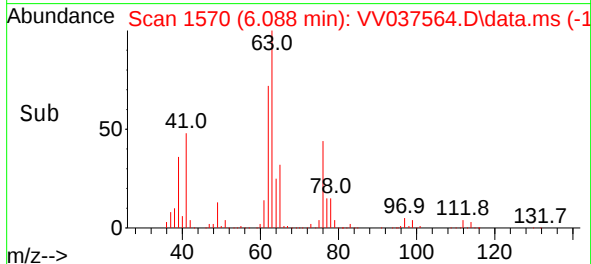
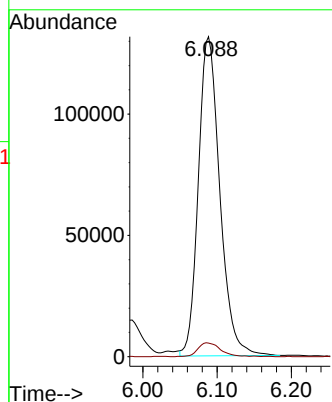
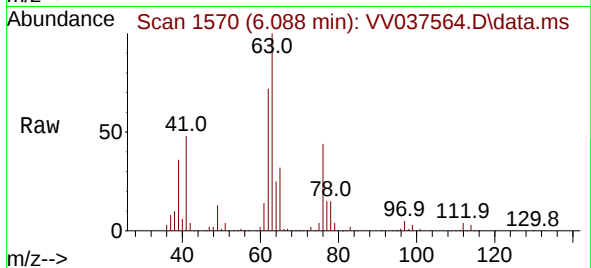




#37
1,2-Dichloropropane
Concen: 51.694 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

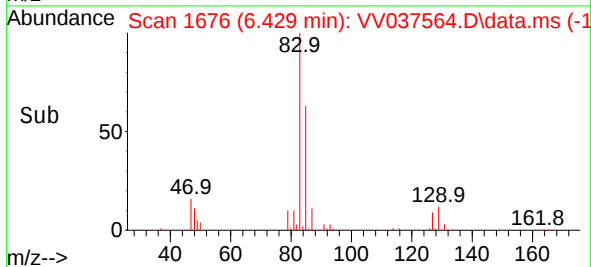
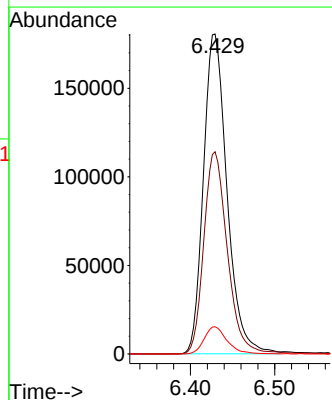
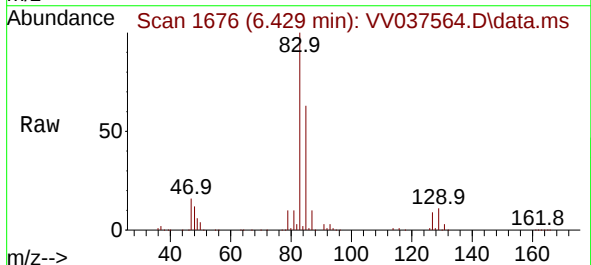
Instrument :
MSVOA_V
ClientSampleId :

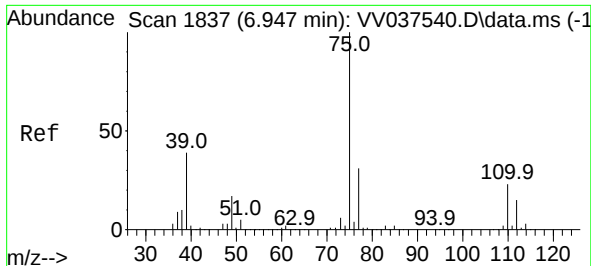
Tgt Ion: 63 Resp: 264834
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 51.387 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Tgt Ion: 83 Resp: 351926
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9
127 8.5 7.0 10.4

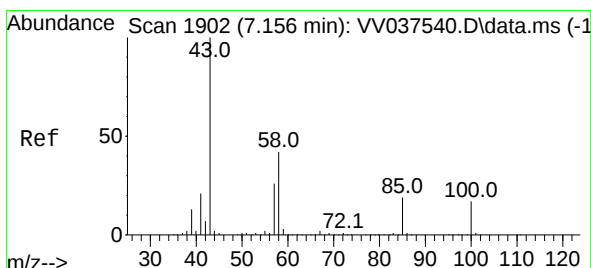
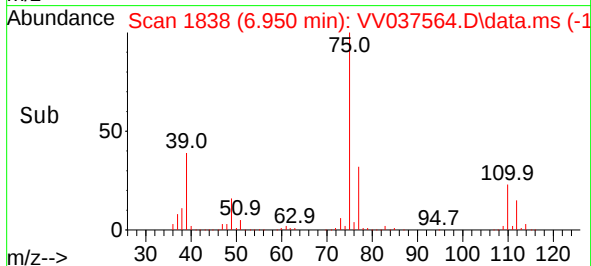
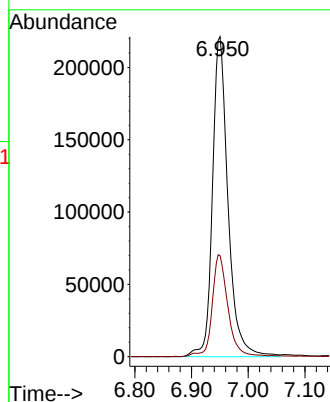
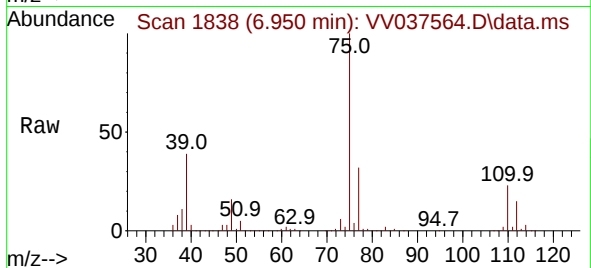




#39
 cis-1,3-Dichloropropene
 Concen: 51.632 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VV037564.D
 Acq: 26 Sep 2024 21:10

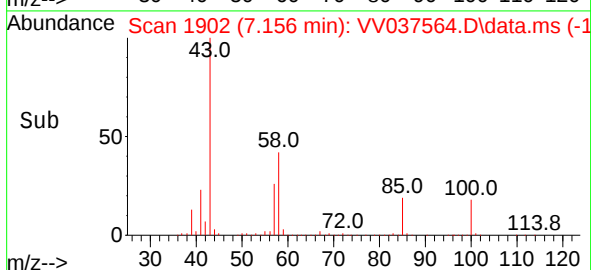
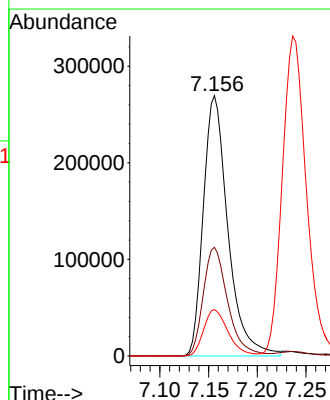
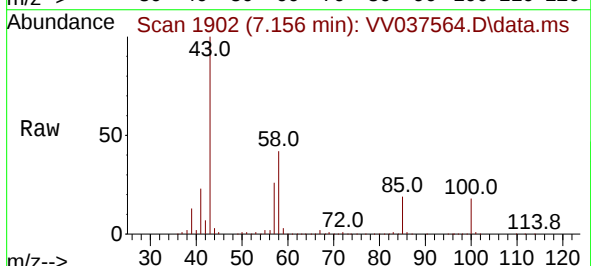
Instrument :
 MSVOA_V
 ClientSampleId :

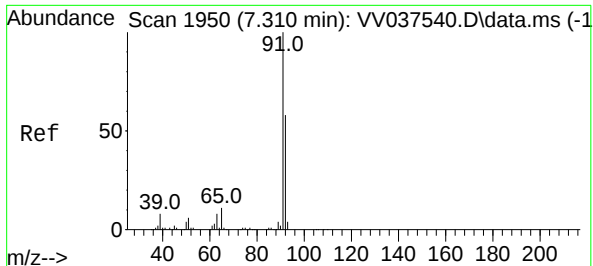
Tgt Ion: 75 Resp: 422247
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 113.480 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV037564.D
 Acq: 26 Sep 2024 21:10

Tgt Ion: 43 Resp: 473359
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.0 49.4
 100 17.8 13.7 20.5





#42

Toluene

Concen: 52.746 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

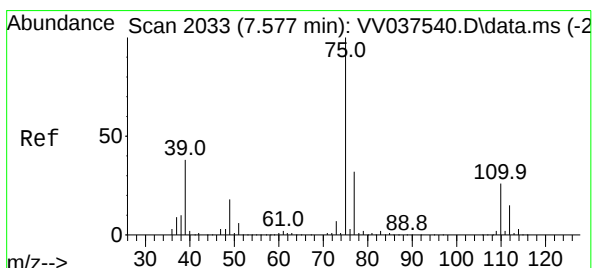
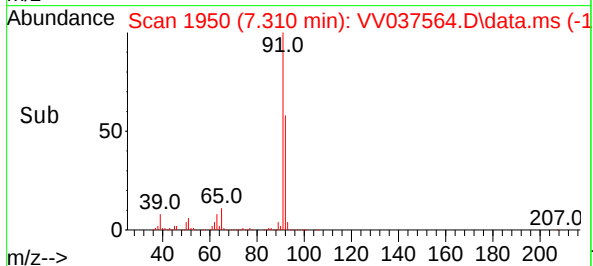
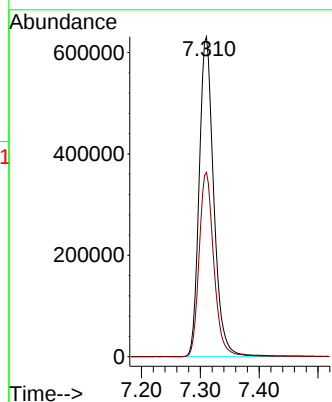
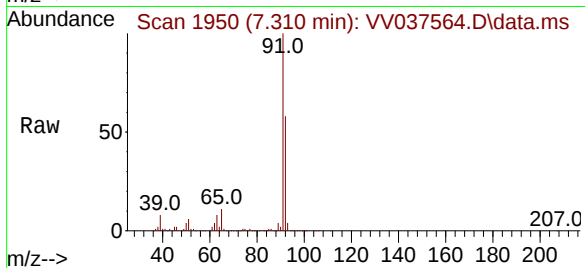
ClientSampleId :

Tgt Ion: 91 Resp: 1084859

Ion Ratio Lower Upper

91 100

92 57.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 51.221 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037564.D

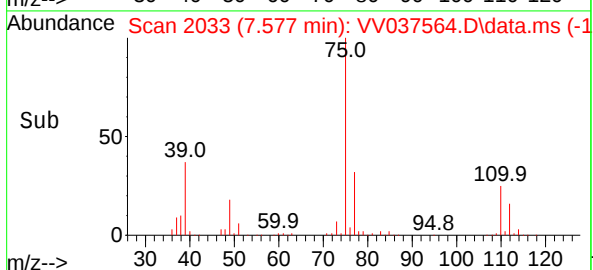
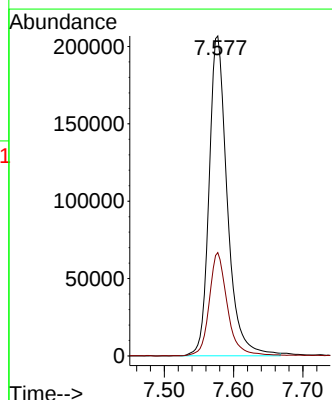
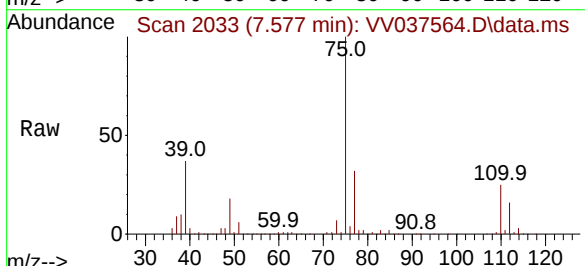
Acq: 26 Sep 2024 21:10

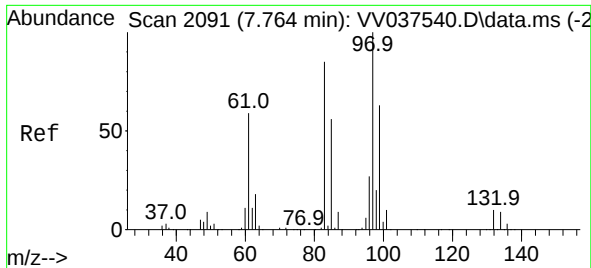
Tgt Ion: 75 Resp: 377127

Ion Ratio Lower Upper

75 100

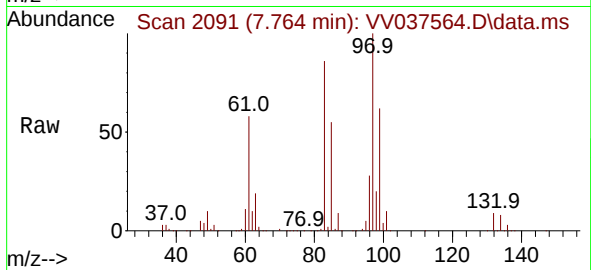
77 32.3 21.9 40.7



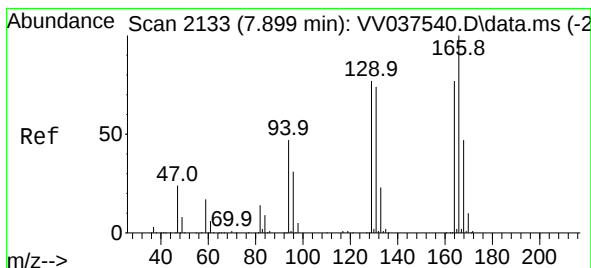
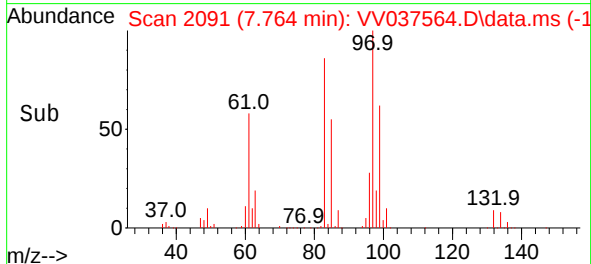
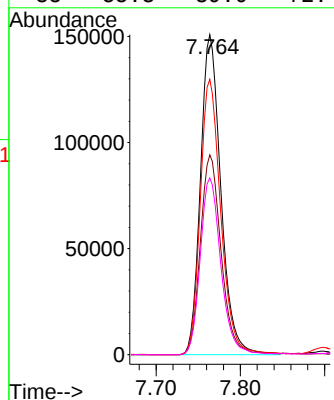


#45
1,1,2-Trichloroethane
Concen: 51.776 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Instrument :
MSVOA_V
ClientSampleId :

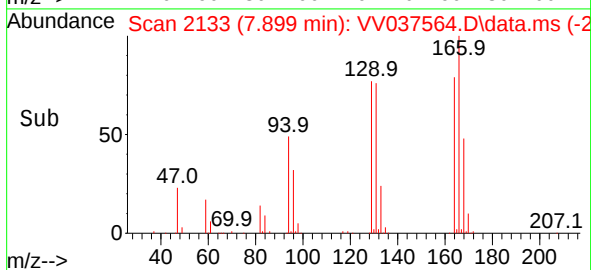
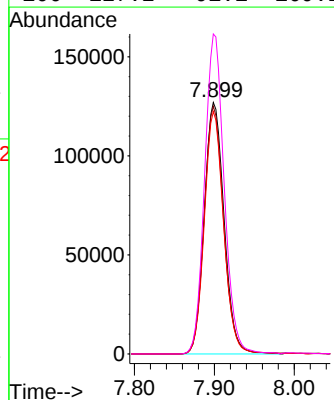
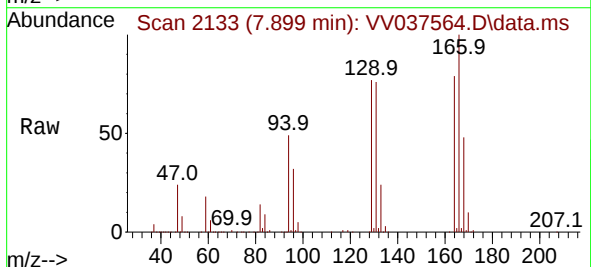


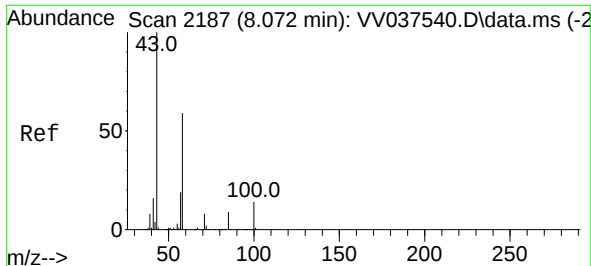
Tgt Ion:	97	Resp:	254702
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.1	81.9
83	86.0	59.3	110.1
85	55.3	39.0	72.4



#46
Tetrachloroethene
Concen: 54.209 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Tgt Ion:	164	Resp:	218985
Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.2	126.6
131	96.4	66.1	122.8
166	127.2	91.1	169.1



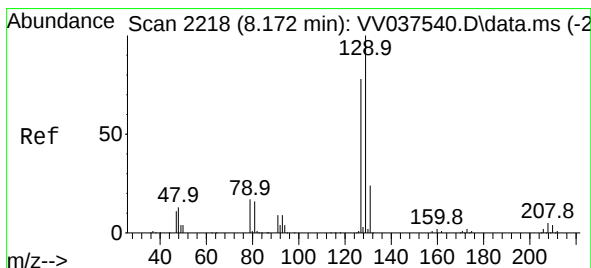
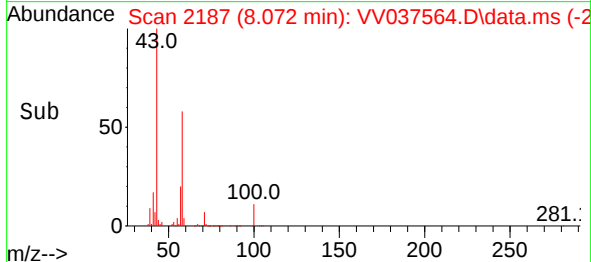
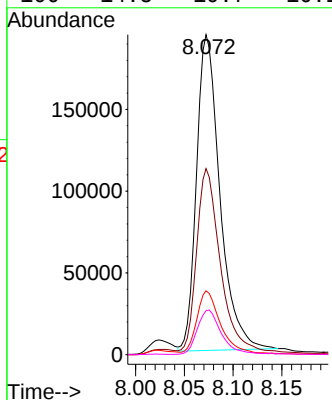
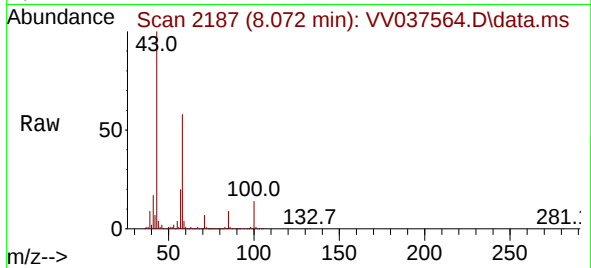


#48
2-Hexanone
Concen: 99.687 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 323337

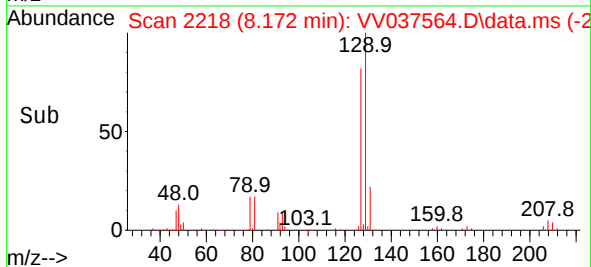
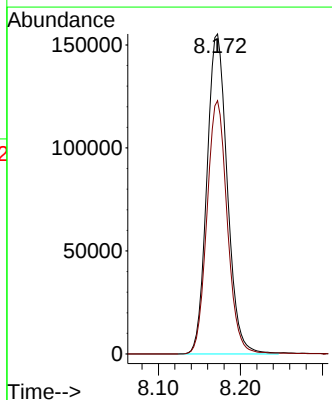
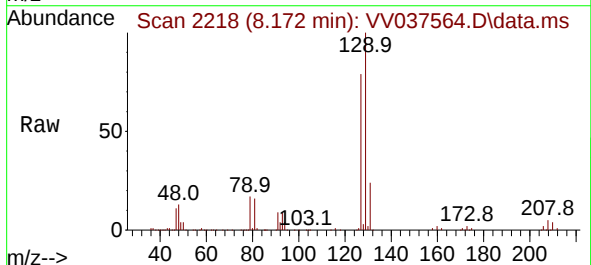
Ion	Ratio	Lower	Upper
43	100		
58	60.7	46.5	69.7
57	20.7	15.1	22.7
100	14.5	10.7	16.1

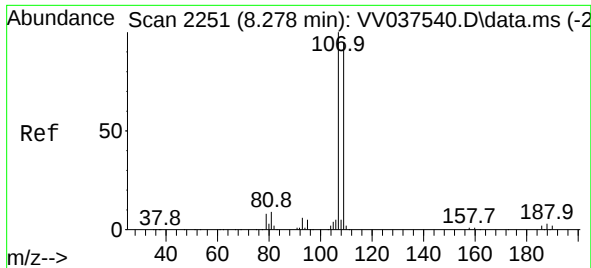


#49
Dibromochloromethane
Concen: 51.642 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Tgt Ion: 129 Resp: 268871

Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.9	101.9





#50

1,2-Dibromoethane

Concen: 51.386 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :

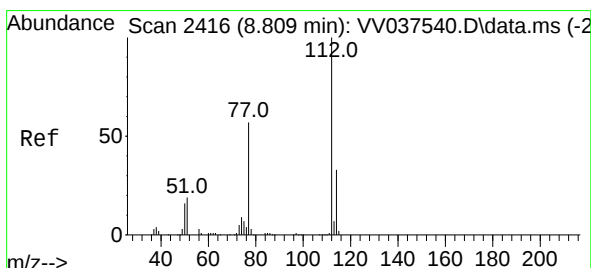
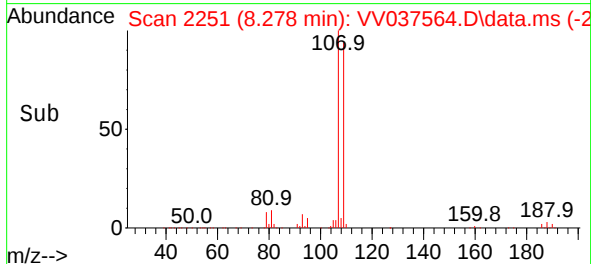
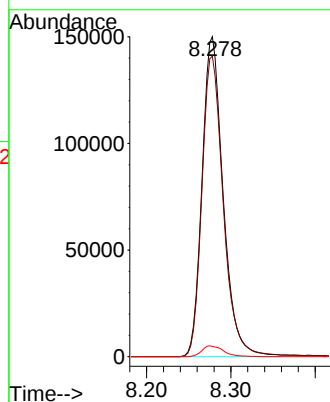
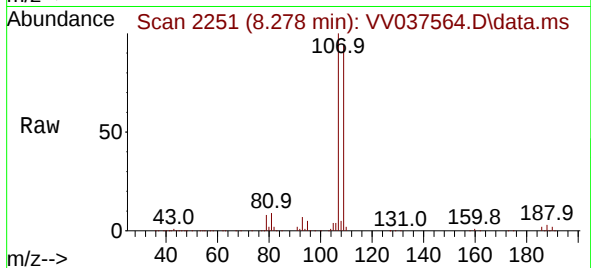
Tgt Ion:107 Resp: 261301

Ion Ratio Lower Upper

107 100

109 93.9 65.7 121.9

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 49.995 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

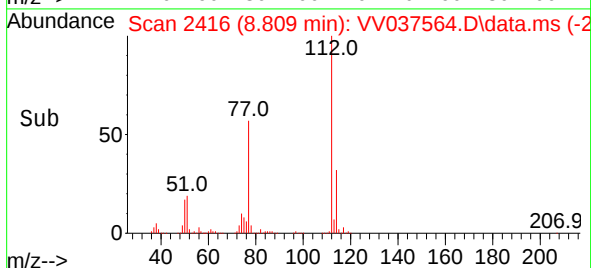
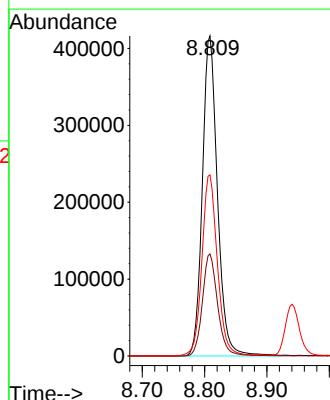
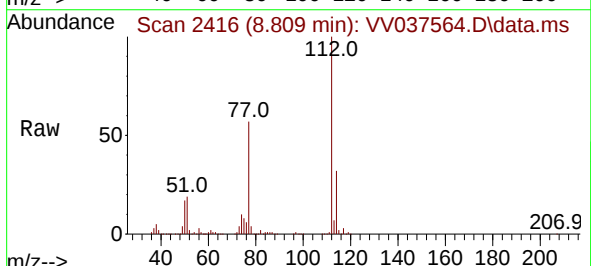
Tgt Ion:112 Resp: 700569

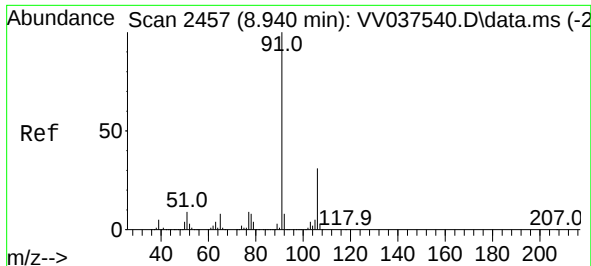
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 56.6 45.8 68.8

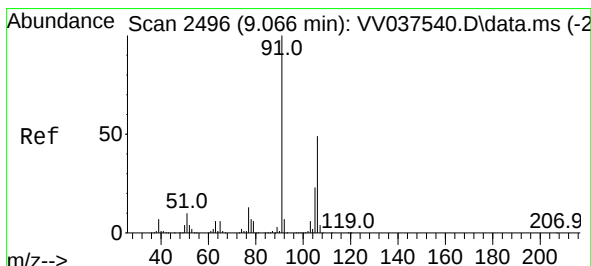
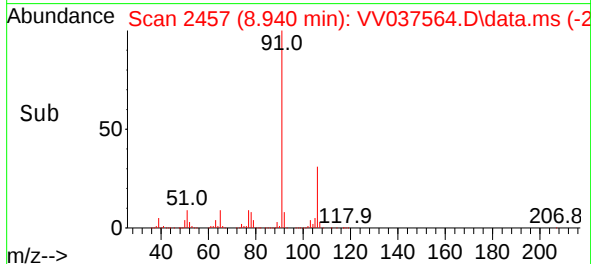
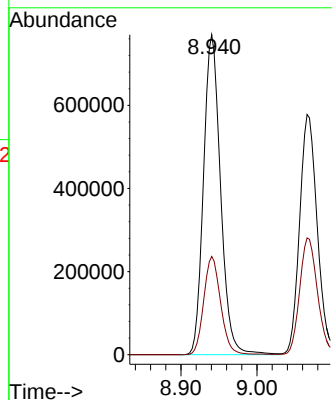
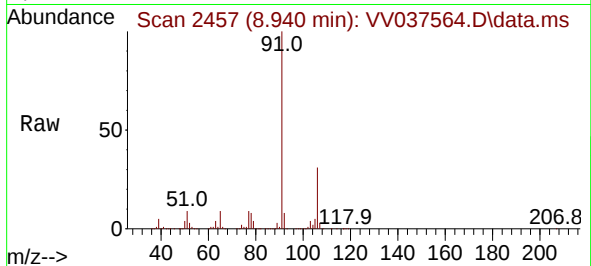




#52
Ethylbenzene
Concen: 51.879 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

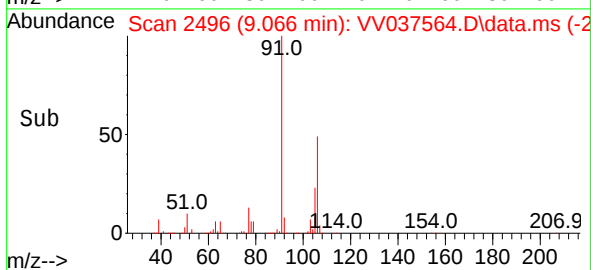
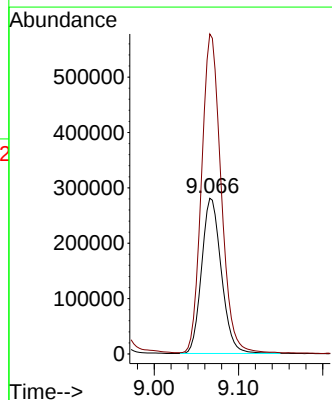
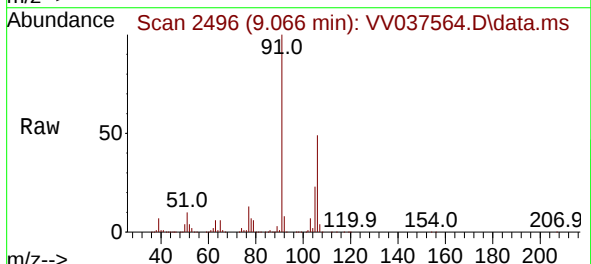
Instrument :
MSVOA_V
ClientSampleId :

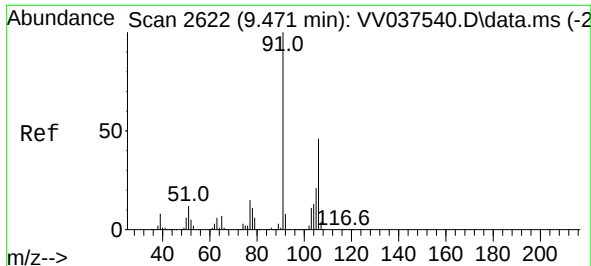
Tgt Ion: 91 Resp: 1201094
Ion Ratio Lower Upper
91 100
106 30.7 21.9 40.7



#53
m,p-Xylene
Concen: 53.085 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Tgt Ion:106 Resp: 457406
Ion Ratio Lower Upper
106 100
91 205.5 142.0 263.6

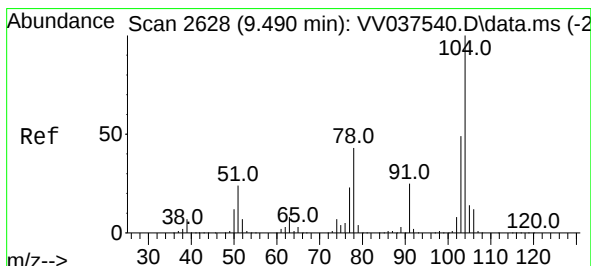
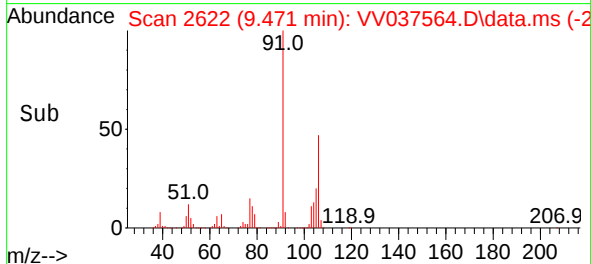
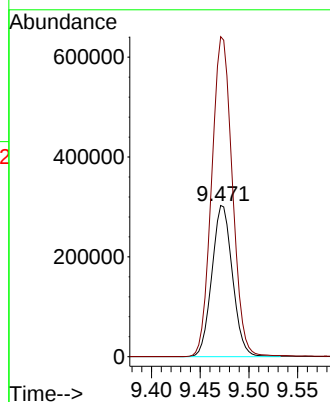
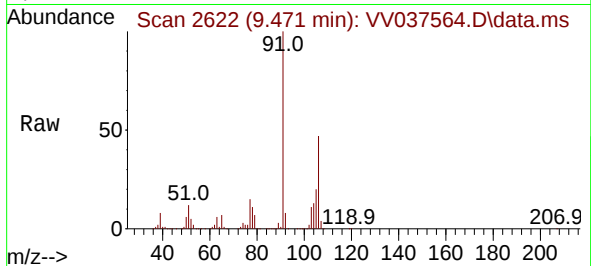




#54
o-Xylene
Concen: 52.913 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

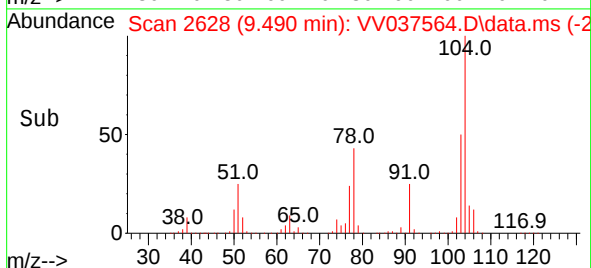
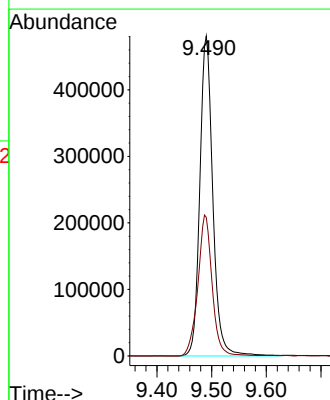
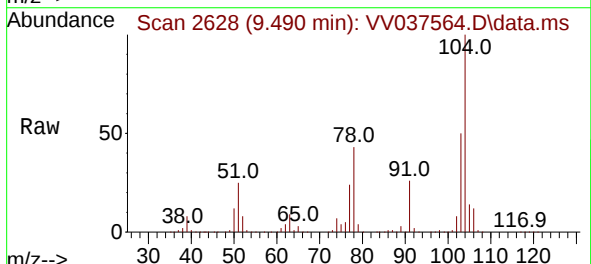
Instrument :
MSVOA_V
ClientSampleId :

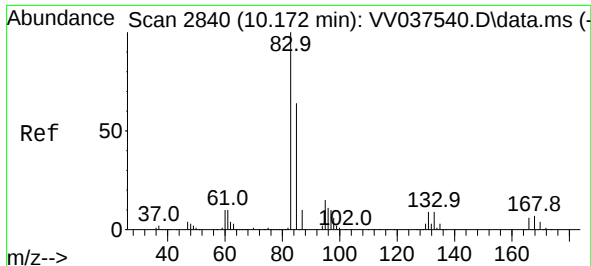
Tgt Ion:106 Resp: 445112
Ion Ratio Lower Upper
106 100
91 211.7 153.9 285.9



#55
Styrene
Concen: 54.056 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037564.D
Acq: 26 Sep 2024 21:10

Tgt Ion:104 Resp: 791604
Ion Ratio Lower Upper
104 100
78 43.3 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.334 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :

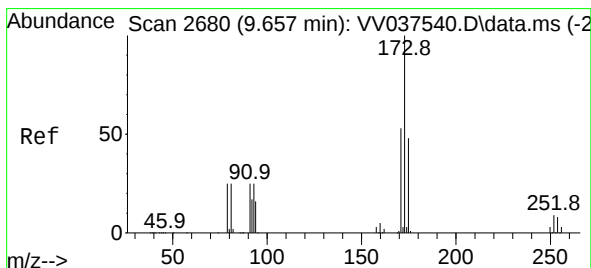
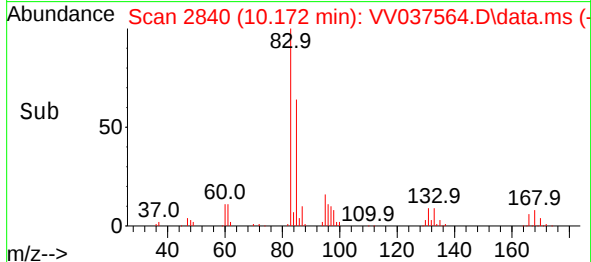
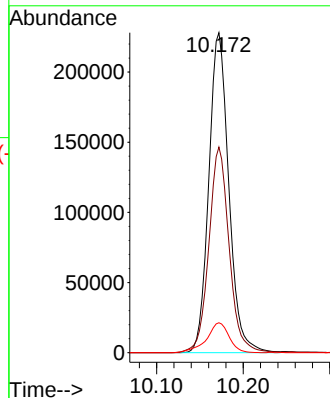
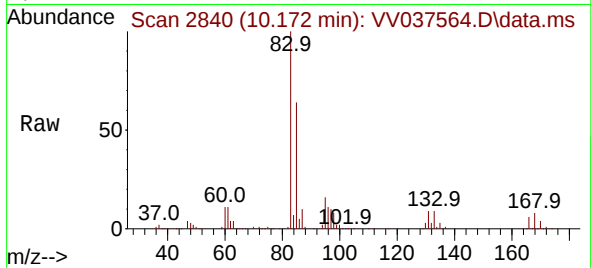
Tgt Ion: 83 Resp: 365794

Ion Ratio Lower Upper

83 100

85 64.3 45.9 85.3

131 9.4 7.9 11.9



#59

Bromoform

Concen: 52.442 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

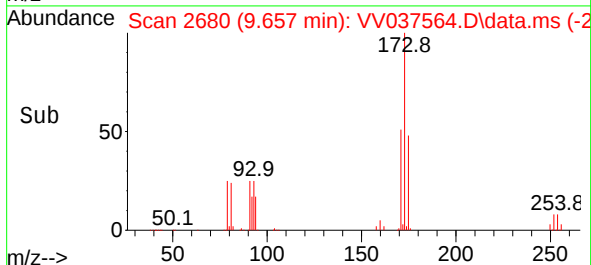
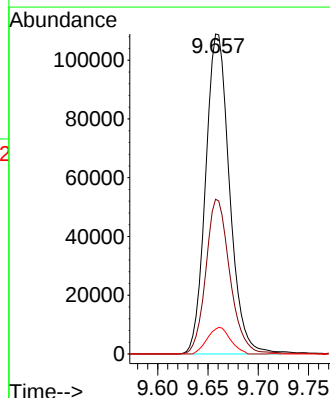
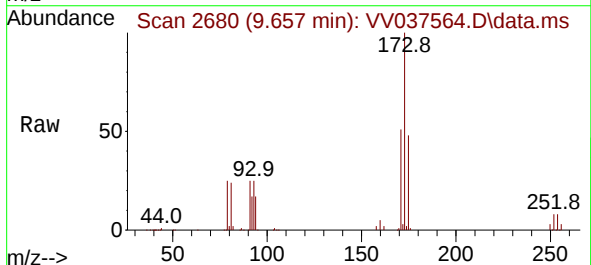
Tgt Ion: 173 Resp: 180342

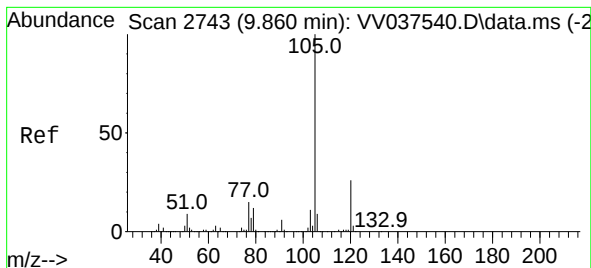
Ion Ratio Lower Upper

173 100

175 48.6 40.0 60.0

254 8.0 6.5 9.7





#60

Isopropylbenzene

Concen: 52.556 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :

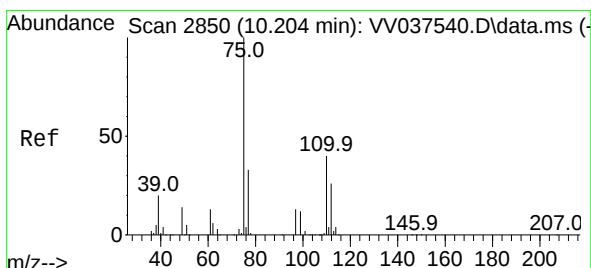
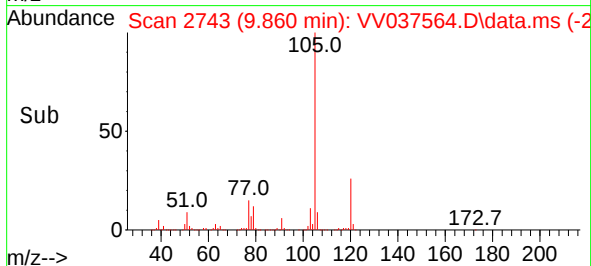
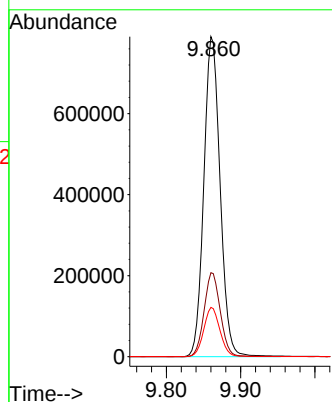
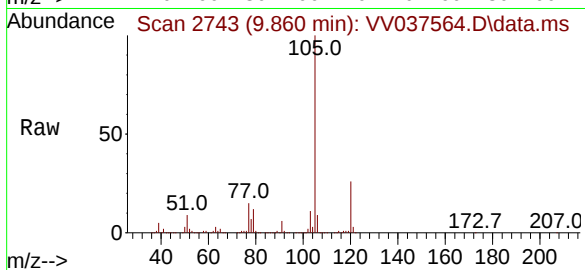
Tgt Ion:105 Resp: 1202224

Ion Ratio Lower Upper

105 100

120 26.1 20.7 31.1

77 15.2 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 52.813 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

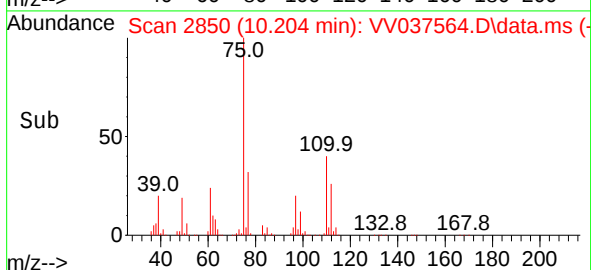
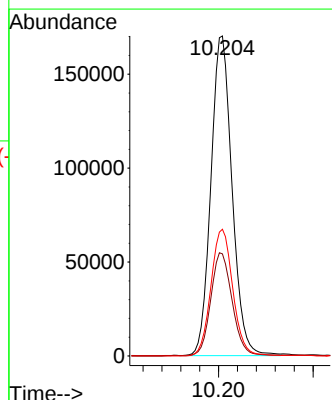
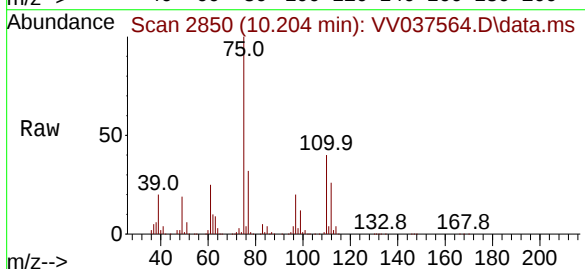
Tgt Ion: 75 Resp: 264417

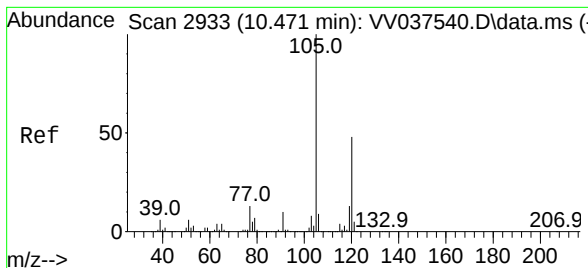
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

110 40.9 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 53.297 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

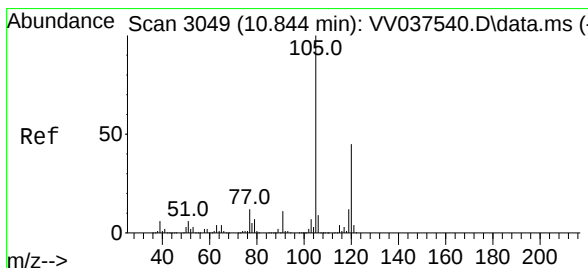
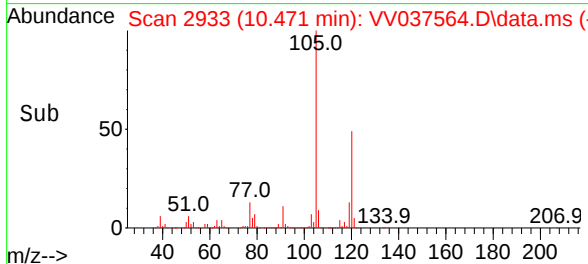
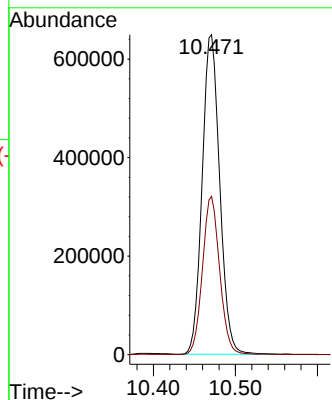
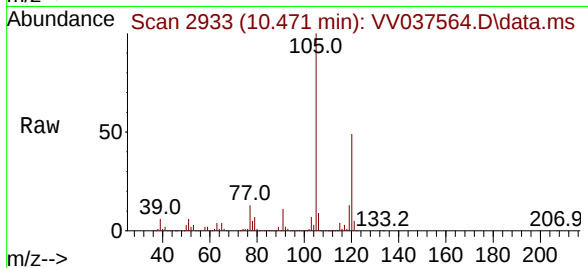
ClientSampleId :

Tgt Ion:105 Resp: 963882

Ion Ratio Lower Upper

105 100

120 48.4 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 53.881 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037564.D

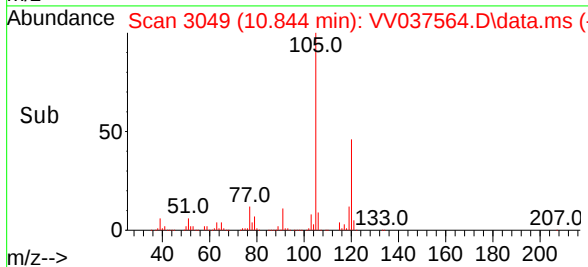
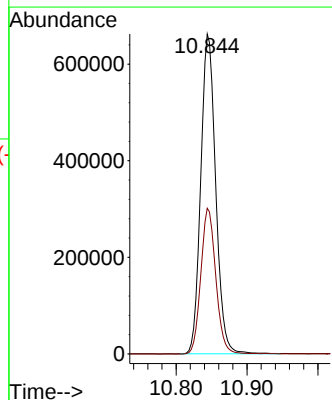
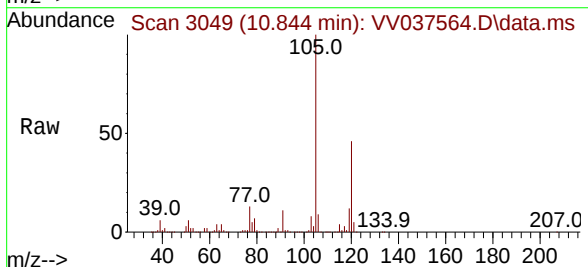
Acq: 26 Sep 2024 21:10

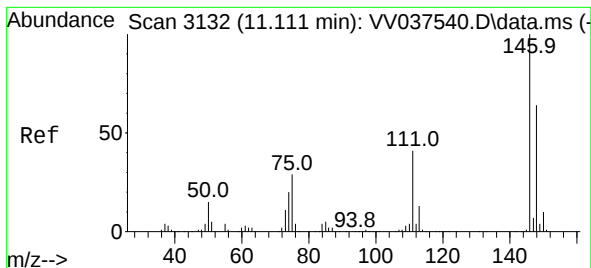
Tgt Ion:105 Resp: 969542

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 50.590 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :

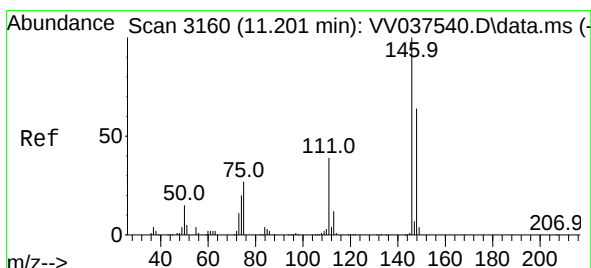
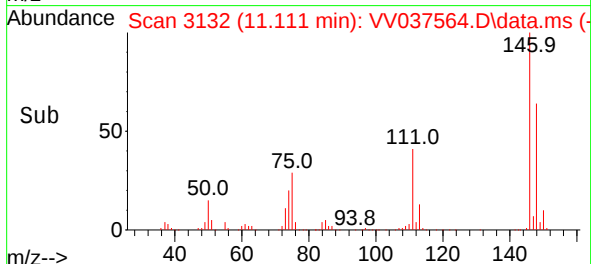
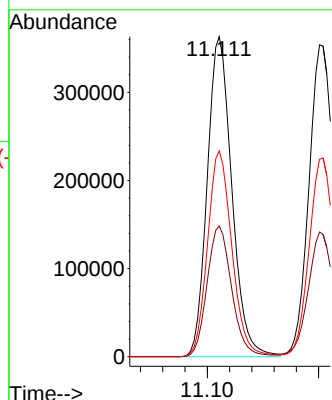
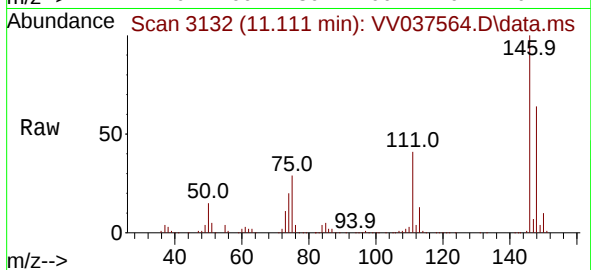
Tgt Ion:146 Resp: 557020

Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.5

148 64.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 49.994 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

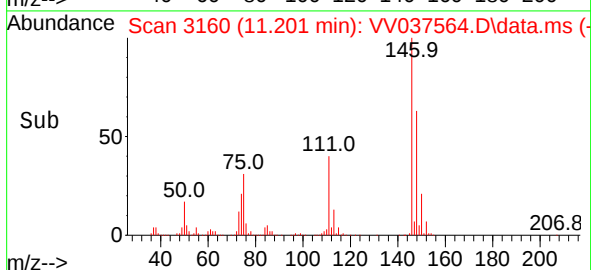
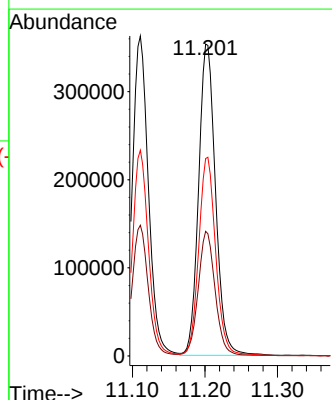
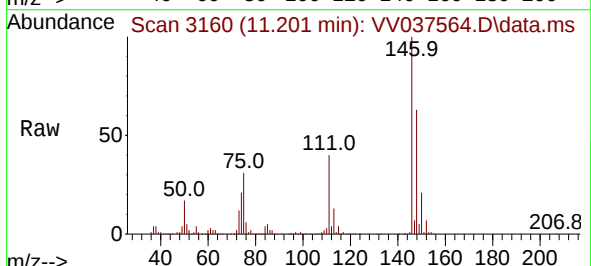
Tgt Ion:146 Resp: 573192

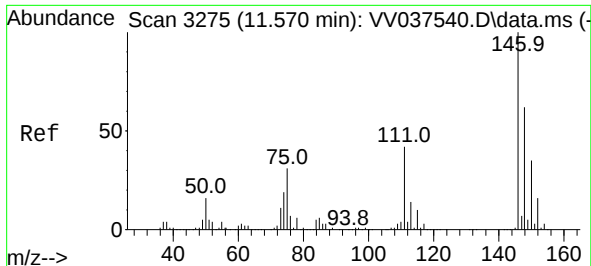
Ion Ratio Lower Upper

146 100

111 40.0 27.6 51.4

148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.396 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :

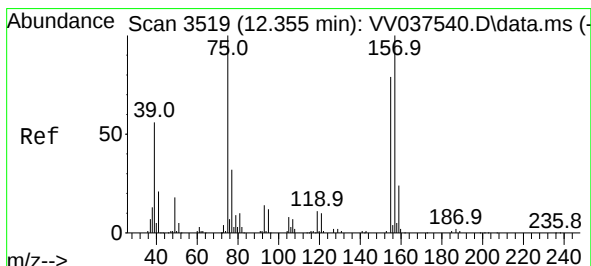
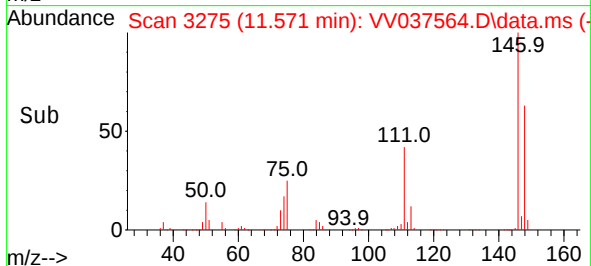
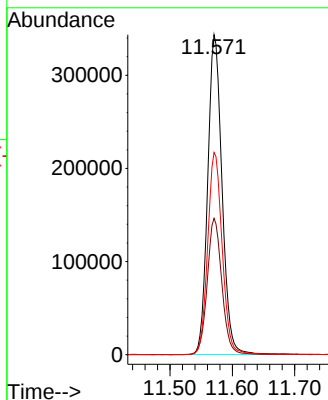
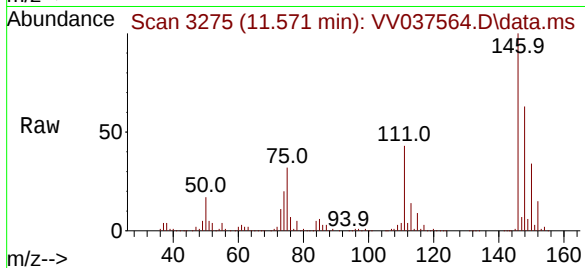
Tgt Ion:146 Resp: 548545

Ion Ratio Lower Upper

146 100

111 42.6 34.2 51.2

148 63.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.567 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

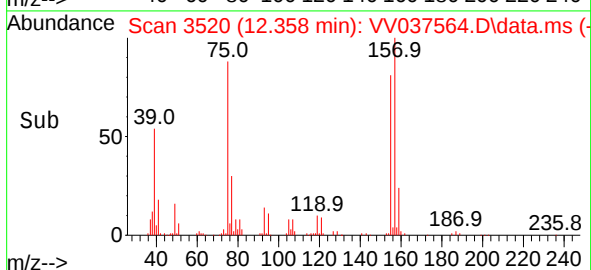
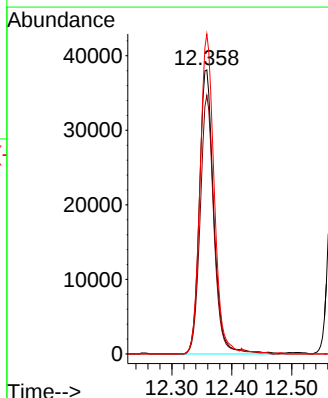
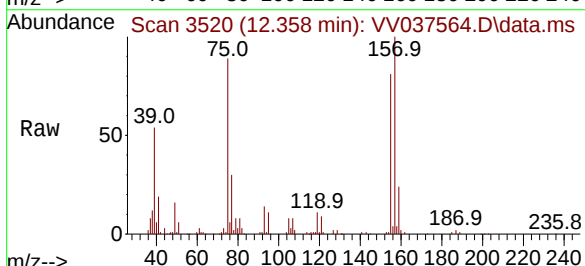
Tgt Ion: 75 Resp: 63887

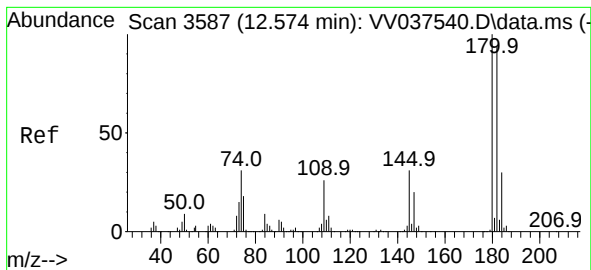
Ion Ratio Lower Upper

75 100

155 91.0 66.2 99.4

157 112.7 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 49.486 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

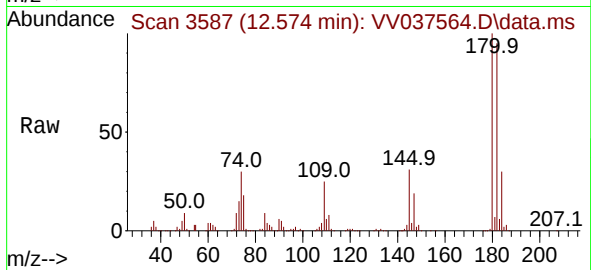
Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 374692

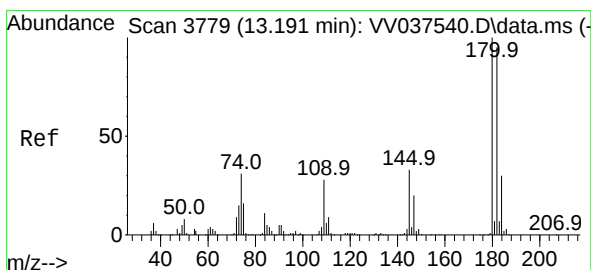
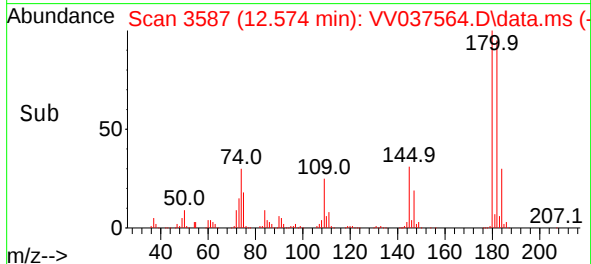
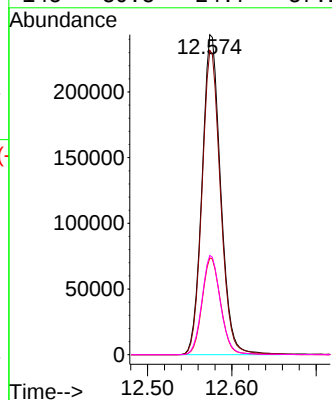
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

184 30.1 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 49.731 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

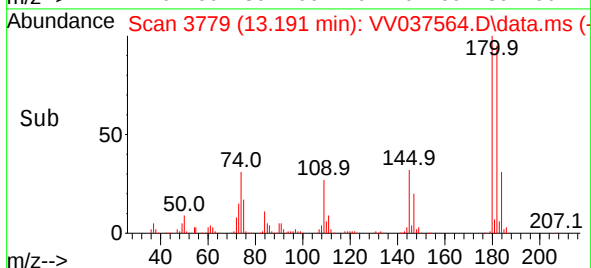
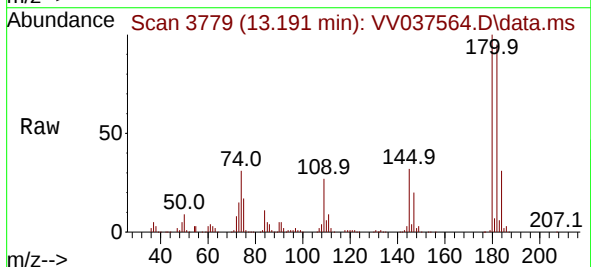
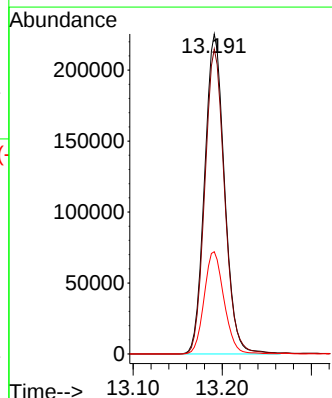
Tgt Ion:180 Resp: 349363

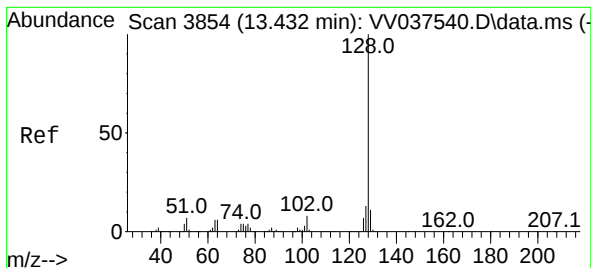
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 31.9 25.4 38.2





#71

Naphthalene

Concen: 54.140 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Instrument :

MSVOA_V

ClientSampleId :

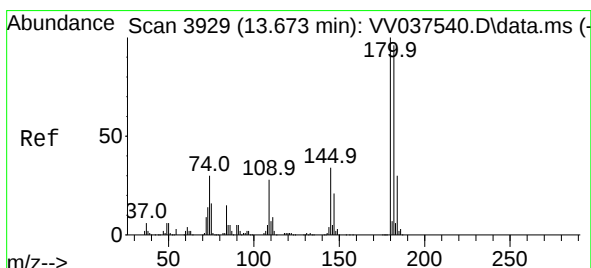
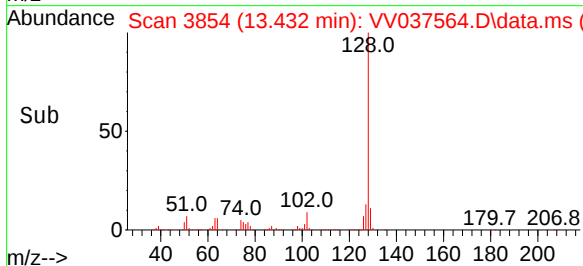
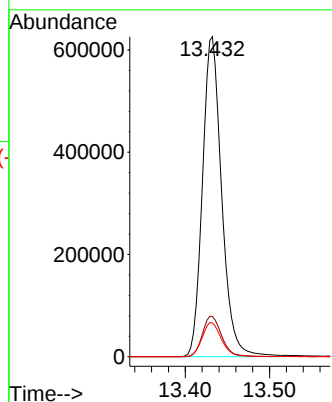
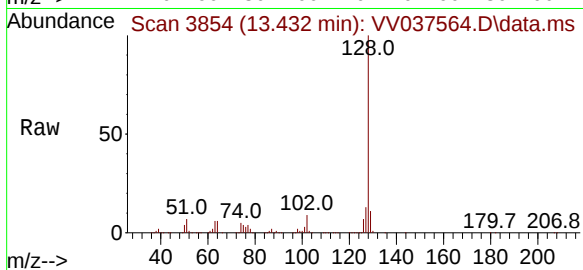
Tgt Ion:128 Resp: 993701

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 50.450 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037564.D

Acq: 26 Sep 2024 21:10

Tgt Ion:180 Resp: 349992

Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.8

145 34.1 26.2 39.4

