

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037044.D
 Acq On : 26 Aug 2024 21:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 02:06:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	619039	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	606173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	303587	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	269194	47.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.080%
7) Chloroethane-d5	1.529	69	210969	48.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.420%
11) 1,1-Dichloroethene-d2	2.056	65	113893	47.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
21) 2-Butanone-d5	3.796	46	221825	101.157	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	4.243	84	443161	50.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.937	65	283961	50.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
32) Benzene-d6	4.953	84	900557	49.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
36) 1,2-Dichloropropane-d6	5.986	67	282658	49.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.580%
41) Toluene-d8	7.236	98	817733	49.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.980%
43) trans-1,3-Dichloroprop...	7.548	79	125784	47.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.820%
47) 2-Hexanone-d5	8.024	63	193953	123.926	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.930%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	363944	52.329	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.660%
66) 1,2-Dichlorobenzene-d4	11.554	152	300378	49.402	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	274095	52.397	ug/L	100
3) Chloromethane	1.217	50	297290	50.533	ug/L	98
5) Vinyl chloride	1.282	62	298713	54.087	ug/L	99
6) Bromomethane	1.484	94	168544	54.463	ug/L	98
8) Chloroethane	1.548	64	182679	54.077	ug/L	99
9) Trichlorofluoromethane	1.712	101	390344	54.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	230078	53.672	ug/L	99
12) 1,1-Dichloroethene	2.066	96	217428	53.837	ug/L	92
13) Acetone	2.111	43	184680	78.526	ug/L	98
14) Carbon disulfide	2.236	76	627248	51.160	ug/L	99
15) Methyl Acetate	2.372	43	240163	60.911	ug/L	99
16) Methylene chloride	2.442	84	248291	54.489	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	224555	53.559	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	750592	56.911	ug/L	99
19) 1,1-Dichloroethane	3.105	63	456634	54.843	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	247206	53.359	ug/L	99
22) 2-Butanone	3.880	43	257136	99.303	ug/L	99
23) Bromochloromethane	4.140	128	125114	55.014	ug/L	96
25) Chloroform	4.272	83	458320	54.352	ug/L	99

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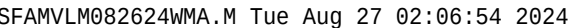
Instrument :
 MSVOA_V
 ClientSampleId :

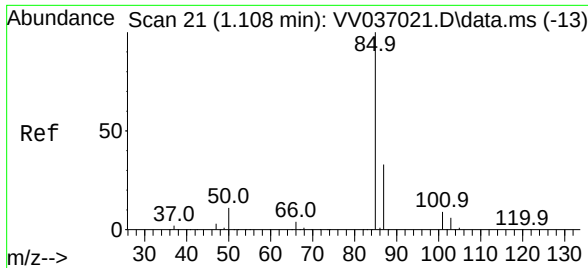
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	338983	54.803	ug/L	99
29) Cyclohexane	4.571	56	379052	53.183	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	371028	53.195	ug/L	100
31) Carbon tetrachloride	4.725	117	312784	53.145	ug/L	99
33) Benzene	5.002	78	947102	54.140	ug/L	100
34) Trichloroethene	5.828	95	248648	53.851	ug/L	99
35) Methylcyclohexane	6.043	83	383514	51.122	ug/L	98
37) 1,2-Dichloropropane	6.088	63	253085	53.964	ug/L	99
38) Bromodichloromethane	6.429	83	321215	53.438	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	389729	52.659	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	567008	118.920	ug/L	99
42) Toluene	7.310	91	999872	54.895	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	350545	52.990	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	240154	55.008	ug/L	99
46) Tetrachloroethene	7.899	164	175964	53.114	ug/L	99
48) 2-Hexanone	8.075	43	410367	111.287	ug/L	99
49) Dibromochloromethane	8.172	129	235254	53.815	ug/L	99
50) 1,2-Dibromoethane	8.278	107	246313	55.755	ug/L	98
51) Chlorobenzene	8.809	112	636052	52.748	ug/L	100
52) Ethylbenzene	8.940	91	1113057	54.101	ug/L	99
53) m,p-Xylene	9.069	106	410244	53.819	ug/L	98
54) o-Xylene	9.474	106	406264	54.433	ug/L	98
55) Styrene	9.490	104	710895	54.893	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	365766	56.568	ug/L	100
59) Bromoform	9.661	173	156995	55.535	ug/L	98
60) Isopropylbenzene	9.863	105	1088693	55.316	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	270129	57.199	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	881473	54.742	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	893373	55.594	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	477961	52.592	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	489519	52.628	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	473872	53.030	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	69290	58.832	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	323648	51.181	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	306861	51.534	ug/L	100
71) Naphthalene	13.432	128	958482	55.744	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	309775	52.790	ug/L	99

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

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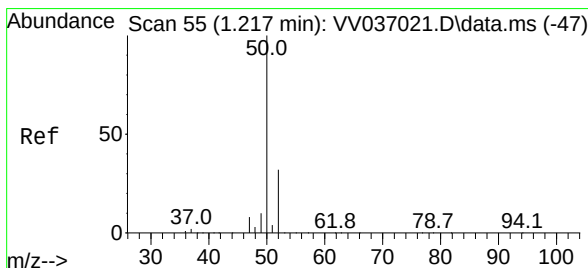
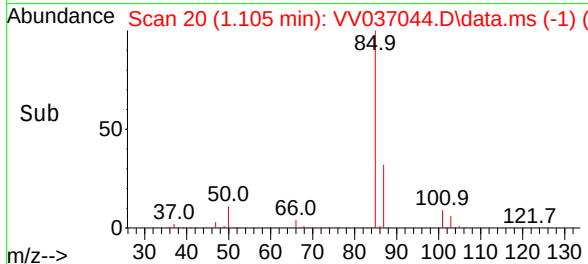
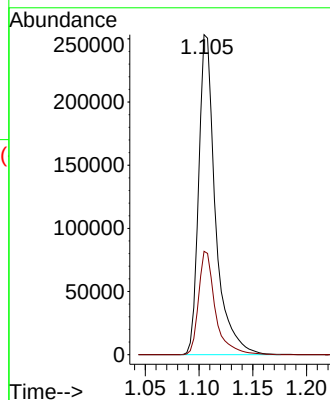
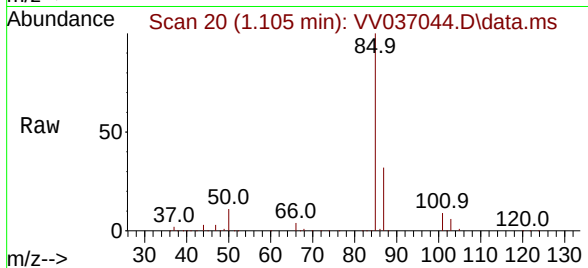




#2
 Dichlorodifluoromethane
 Concen: 52.397 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037044.D
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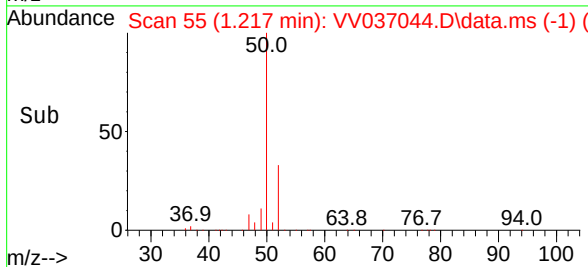
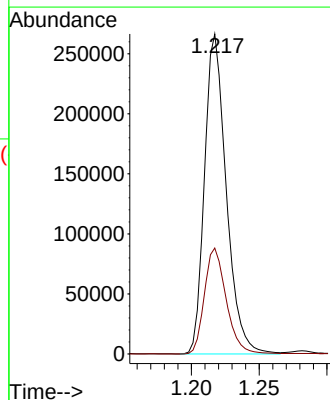
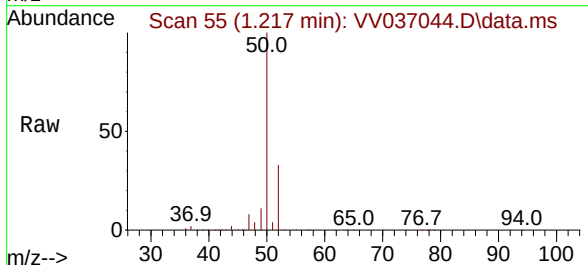
Instrument :
 MSVOA_V
 ClientSampleId :

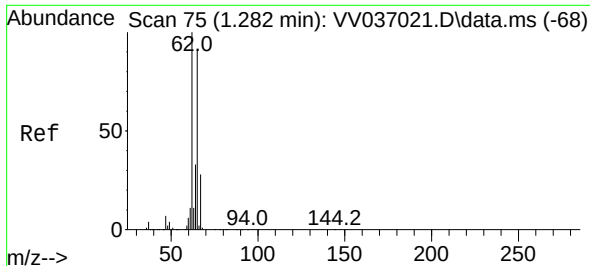
Tgt Ion: 85 Resp: 274095
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 50.533 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037044.D
 Acq: 26 Aug 2024 21:25

Tgt Ion: 50 Resp: 297290
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.9

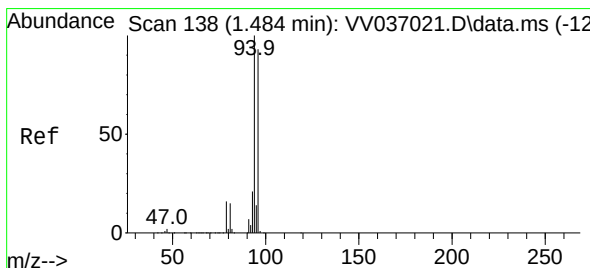
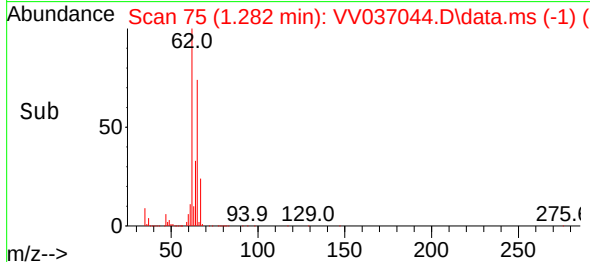
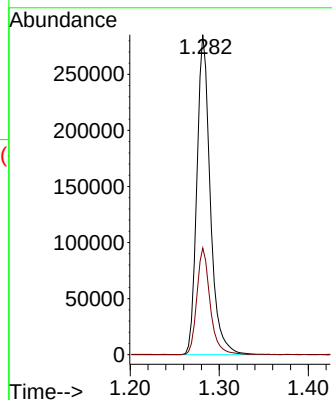
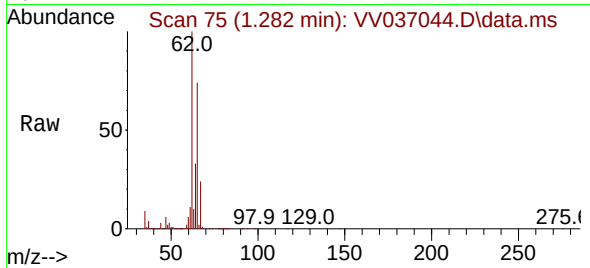




#5
 Vinyl chloride
 Concen: 54.087 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037044.D
 Acq: 26 Aug 2024 21:25

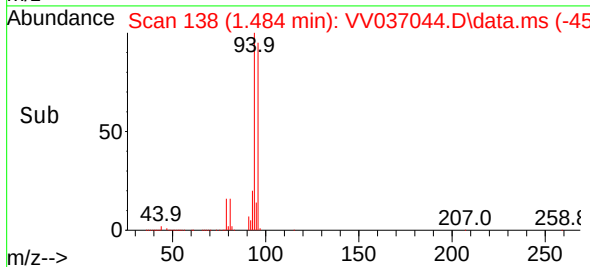
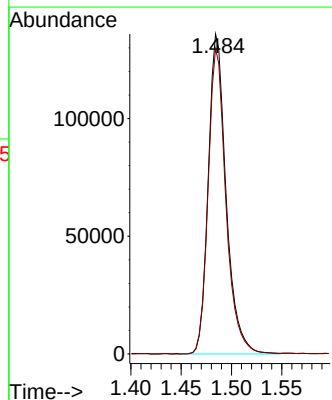
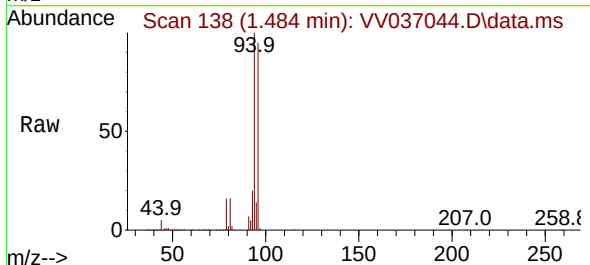
Instrument :
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 ClientSampleId :

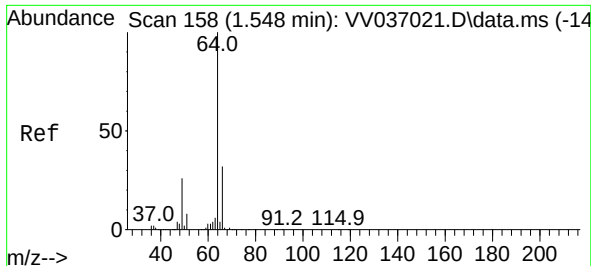
Tgt Ion: 62 Resp: 298713
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4



#6
 Bromomethane
 Concen: 54.463 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037044.D
 Acq: 26 Aug 2024 21:25

Tgt Ion: 94 Resp: 168544
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.6 121.8

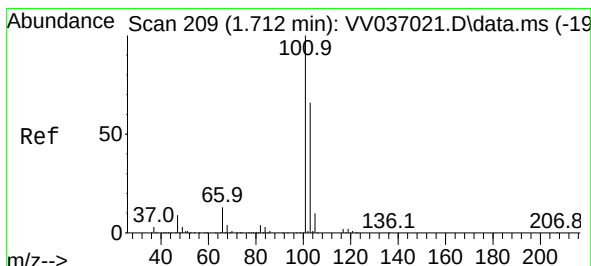
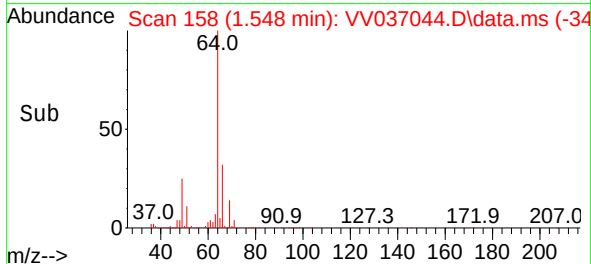
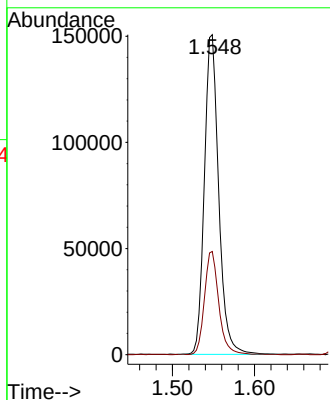
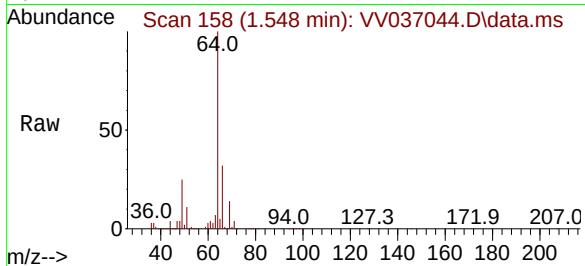




#8
Chloroethane
Concen: 54.077 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

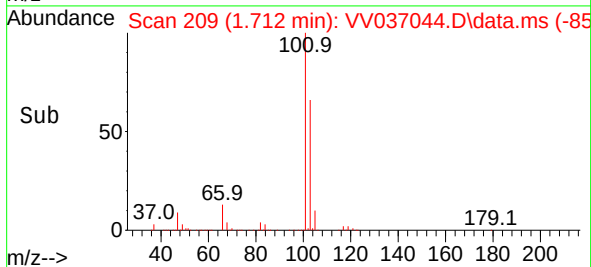
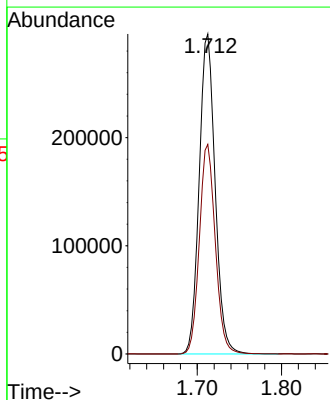
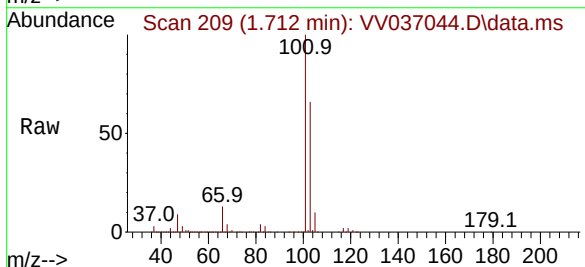
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ClientSampleId :

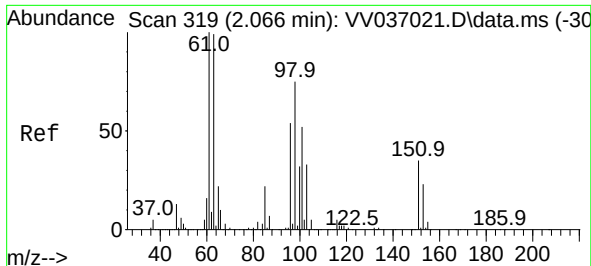
Tgt Ion: 64 Resp: 182679
Ion Ratio Lower Upper
64 100
66 32.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 54.160 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Tgt Ion:101 Resp: 390344
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5





#10

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

Concen: 53.672 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

ClientSampleId :

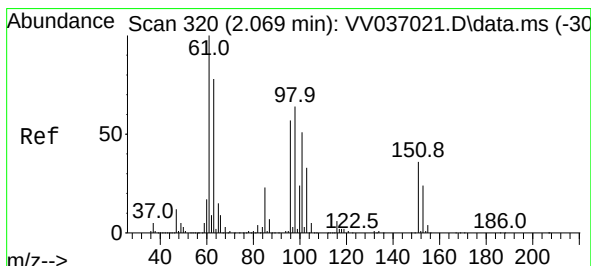
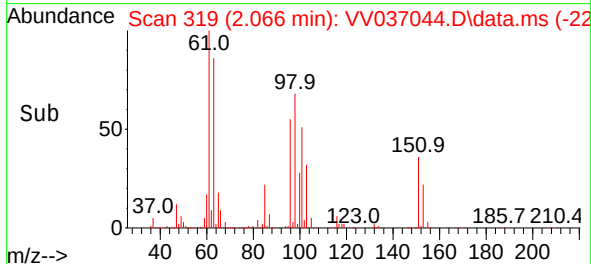
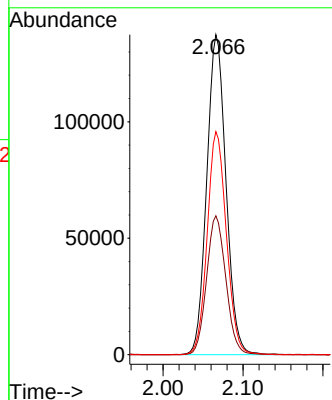
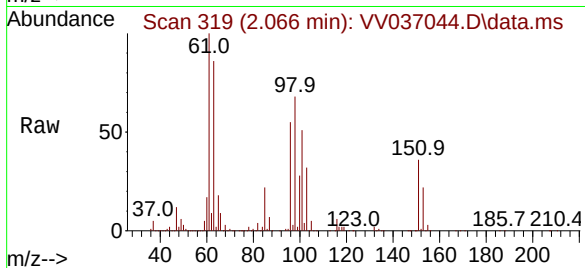
Tgt Ion:101 Resp: 230078

Ion Ratio Lower Upper

101 100

85 43.5 35.6 53.4

151 69.5 55.0 82.4



#12

1,1-Dichloroethene

Concen: 53.837 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

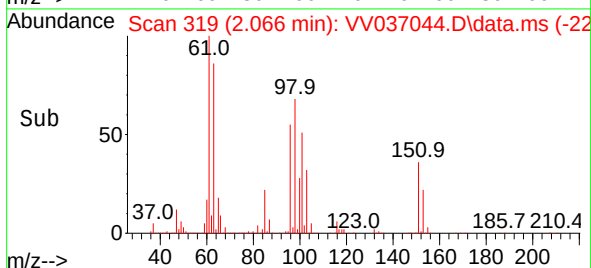
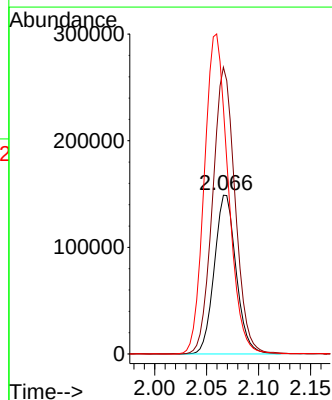
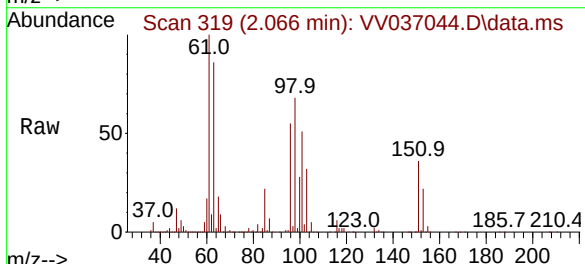
Tgt Ion: 96 Resp: 217428

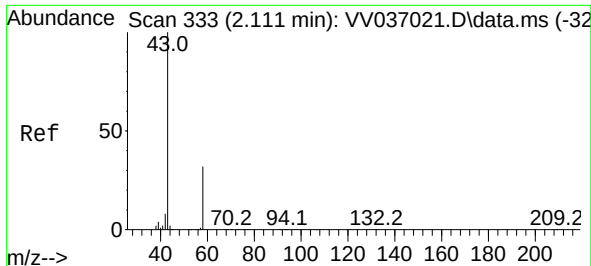
Ion Ratio Lower Upper

96 100

61 180.7 123.8 229.8

63 155.2 96.5 179.1





#13

Acetone

Concen: 78.526 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

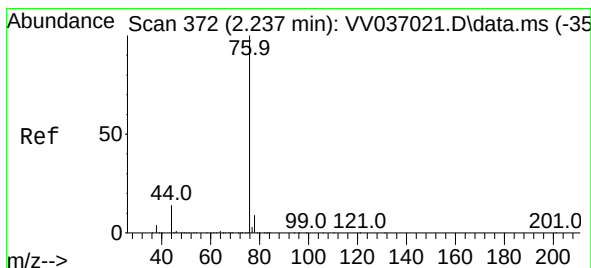
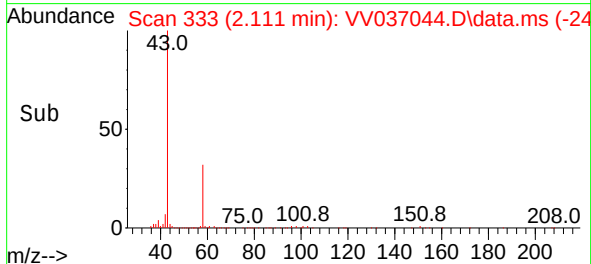
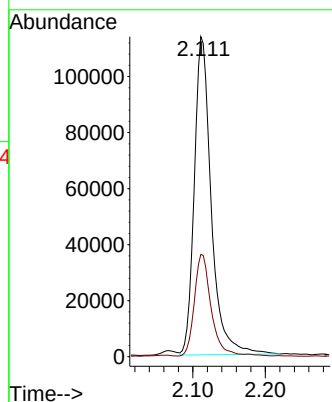
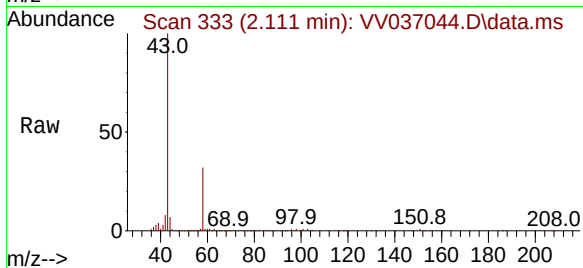
ClientSampleId :

Tgt Ion: 43 Resp: 184680

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.8



#14

Carbon disulfide

Concen: 51.160 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037044.D

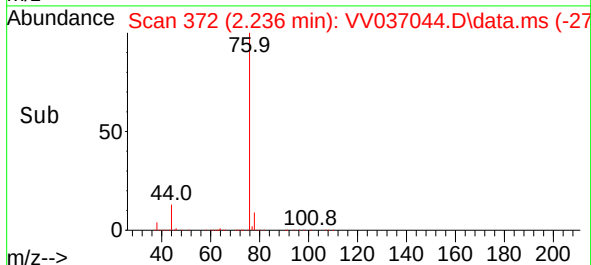
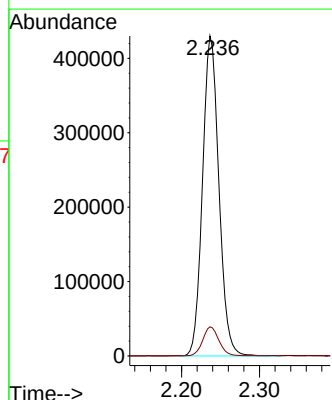
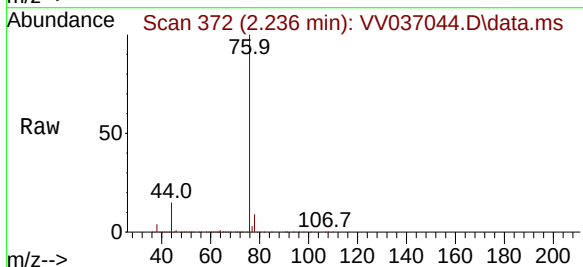
Acq: 26 Aug 2024 21:25

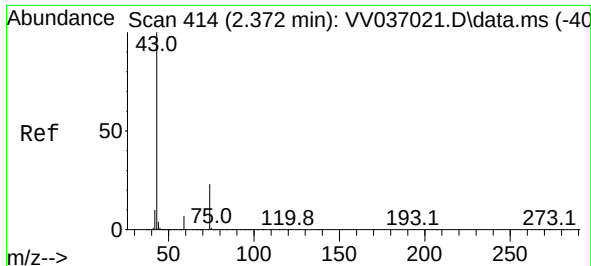
Tgt Ion: 76 Resp: 627248

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

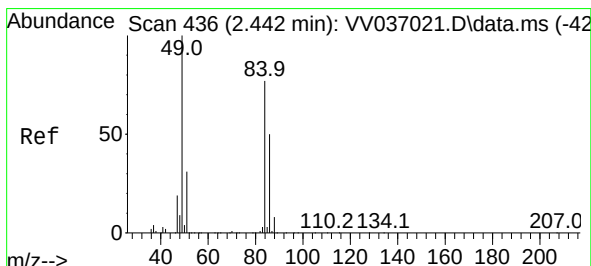
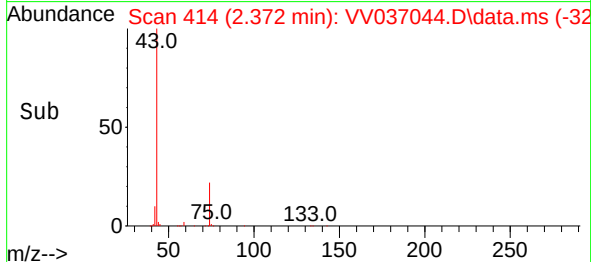
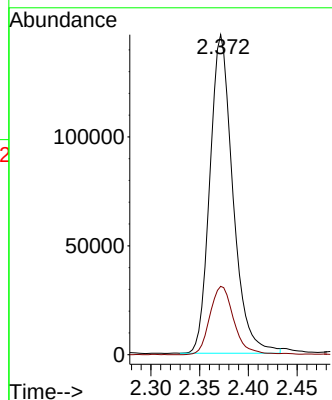
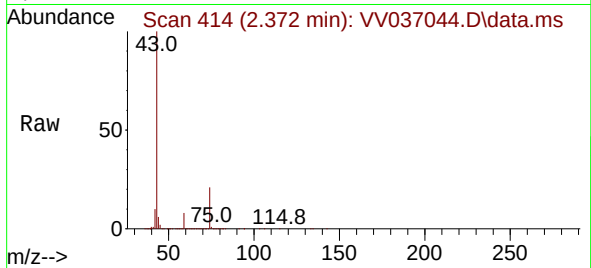




#15
Methyl Acetate
Concen: 60.911 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

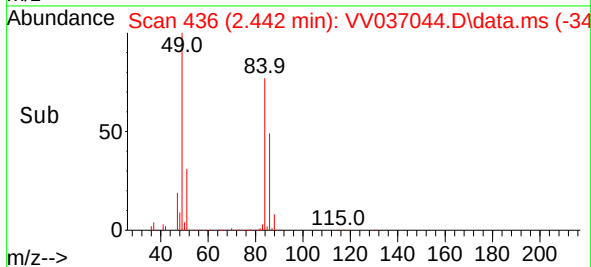
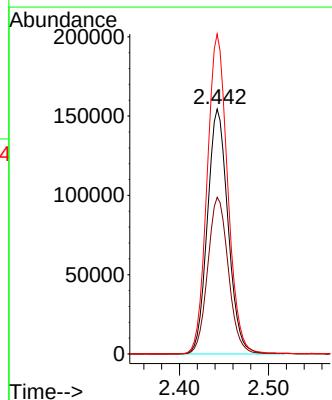
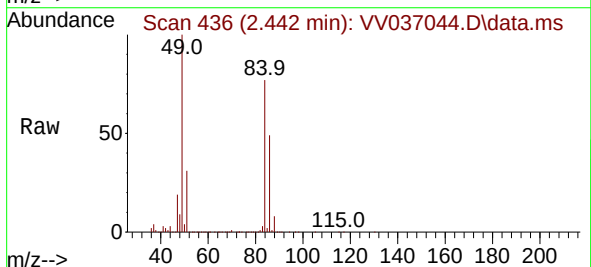
Instrument :
MSVOA_V
ClientSampleId :

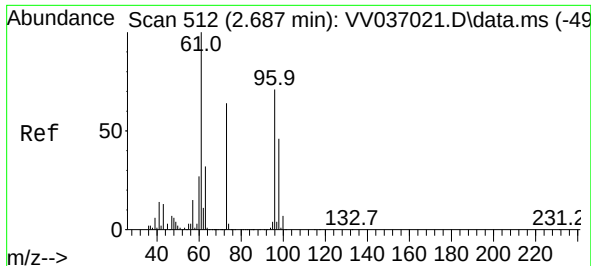
Tgt Ion: 43 Resp: 240163
Ion Ratio Lower Upper
43 100
74 22.4 18.4 27.6



#16
Methylene chloride
Concen: 54.489 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

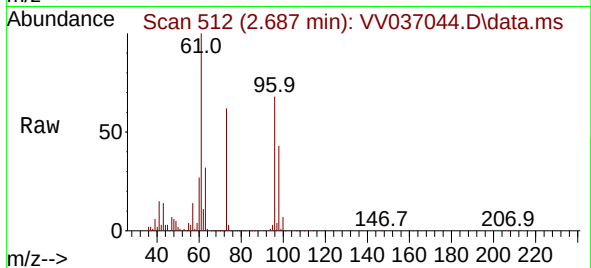
Tgt Ion: 84 Resp: 248291
Ion Ratio Lower Upper
84 100
86 63.9 44.7 82.9
49 130.6 91.4 169.8



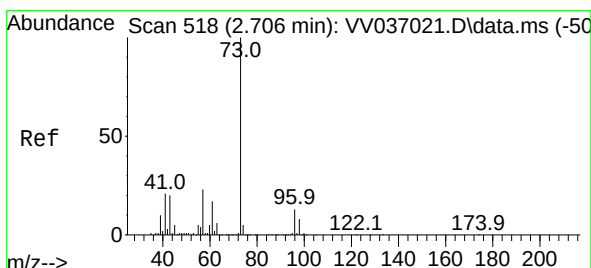
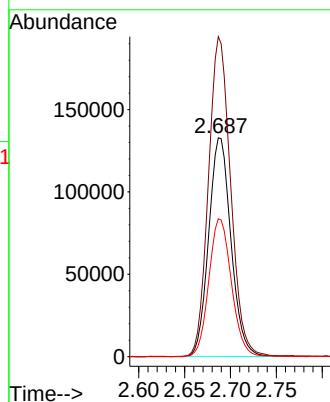
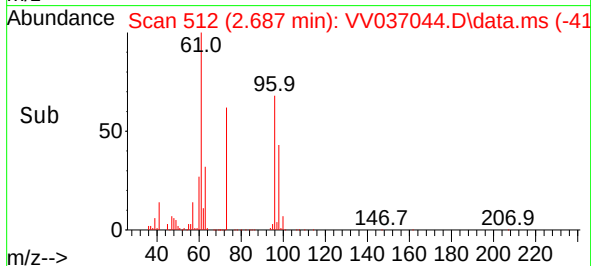


#17
trans-1,2-Dichloroethene
Concen: 53.559 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Instrument :
MSVOA_V
ClientSampleId :

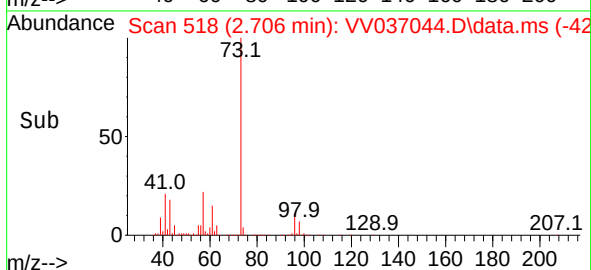
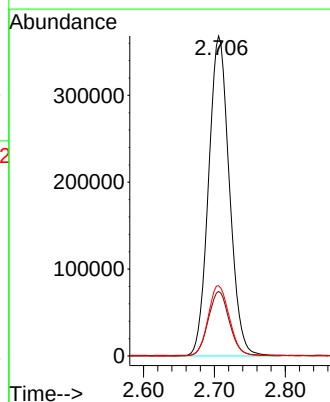
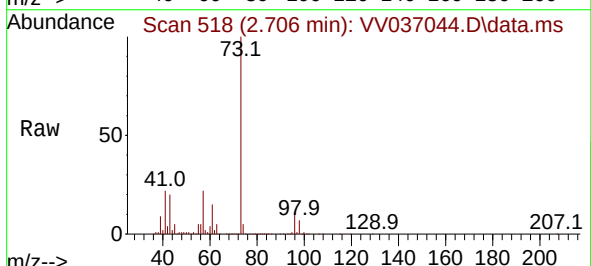


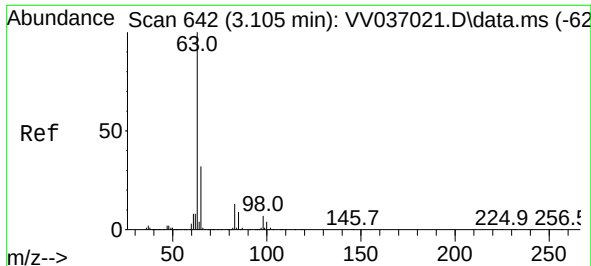
Tgt Ion: 96 Resp: 224555
Ion Ratio Lower Upper
96 100
61 146.2 102.3 189.9
98 63.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 56.911 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

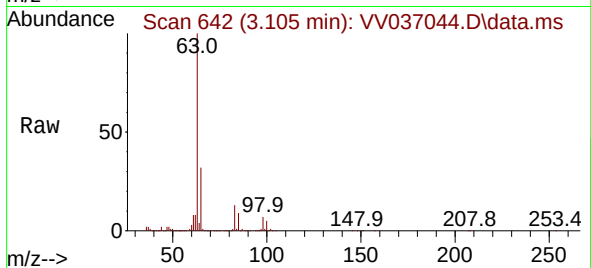
Tgt Ion: 73 Resp: 750592
Ion Ratio Lower Upper
73 100
43 20.0 15.8 23.6
57 22.4 18.1 27.1



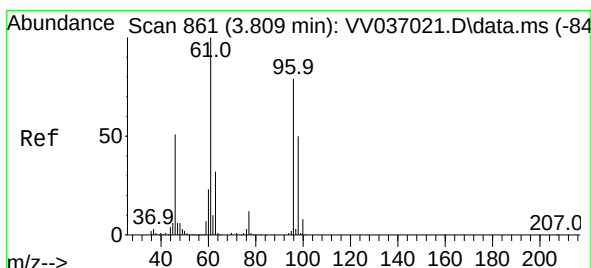
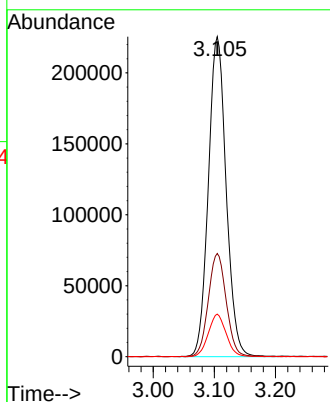
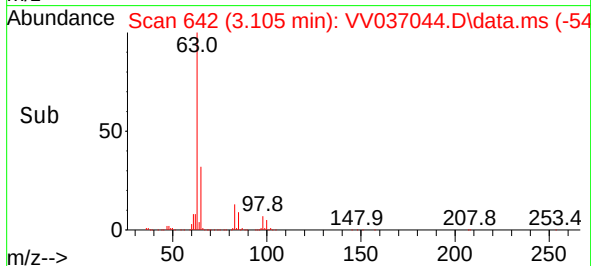


#19
1,1-Dichloroethane
Concen: 54.843 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Instrument :
MSVOA_V
ClientSampleId :

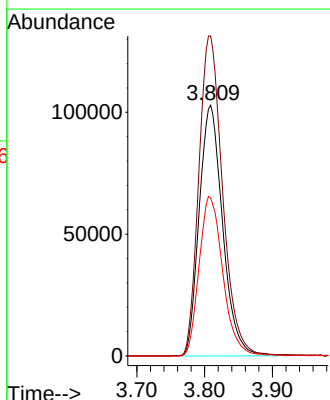
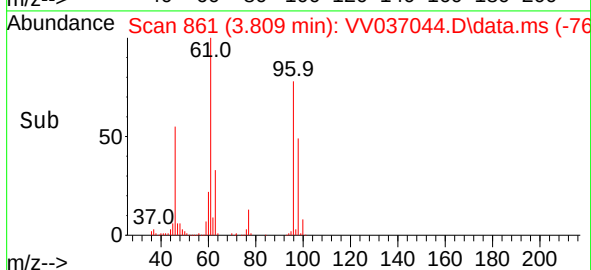
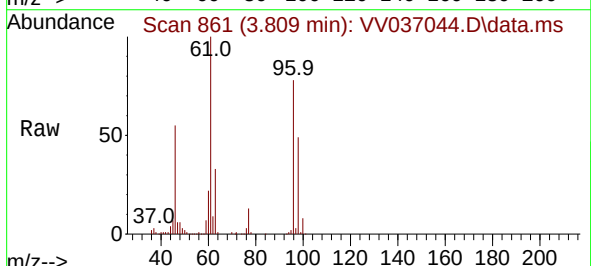


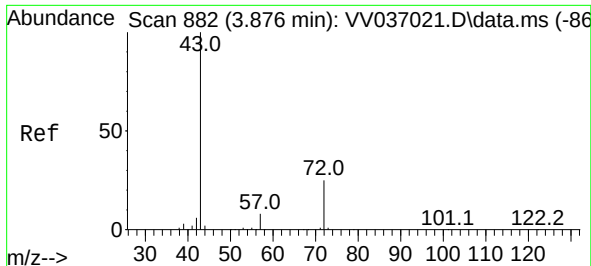
Tgt Ion: 63 Resp: 456634
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 53.359 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Tgt Ion: 96 Resp: 247206
Ion Ratio Lower Upper
96 100
61 127.7 89.9 166.9
98 62.9 44.8 83.2





#22

2-Butanone

Concen: 99.303 ug/L

RT: 3.880 min Scan# 882

Delta R.T. 0.003 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

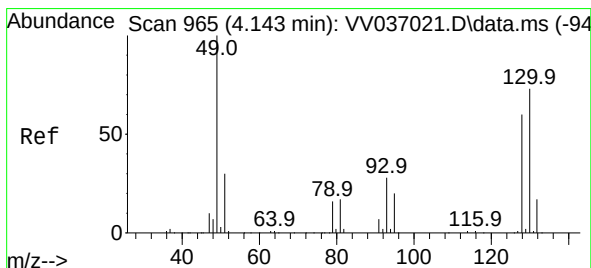
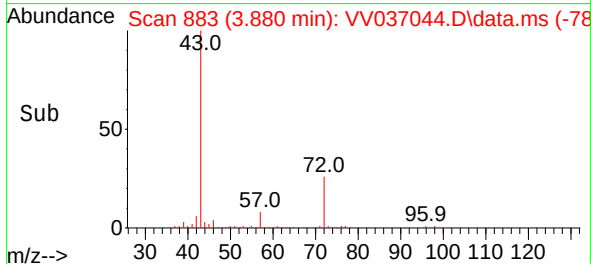
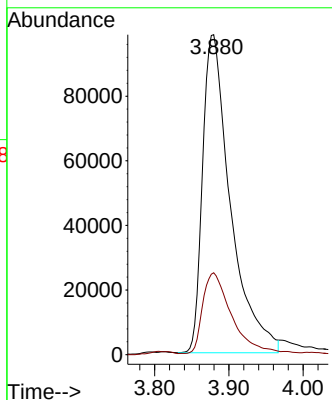
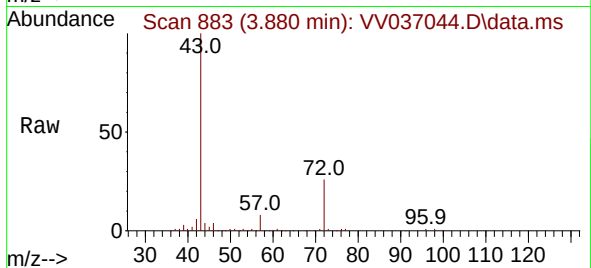
ClientSampleId :

Tgt Ion: 43 Resp: 257136

Ion Ratio Lower Upper

43 100

72 25.9 12.7 38.0



#23

Bromochloromethane

Concen: 55.014 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Tgt Ion:128 Resp: 125114

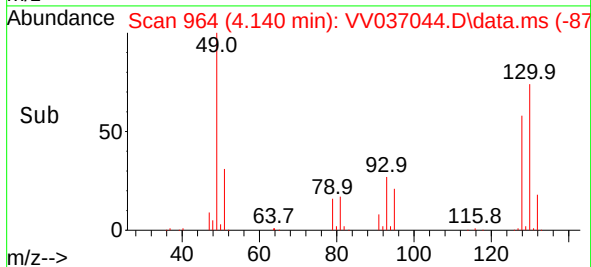
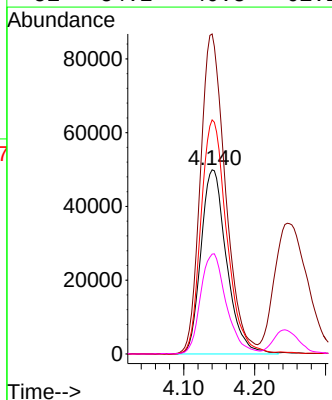
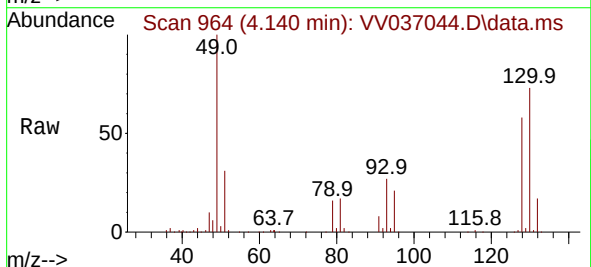
Ion Ratio Lower Upper

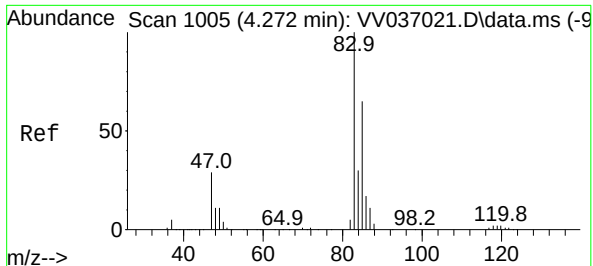
128 100

49 173.8 117.2 217.6

130 127.2 87.6 162.8

51 54.2 40.8 61.2





#25

Chloroform

Concen: 54.352 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

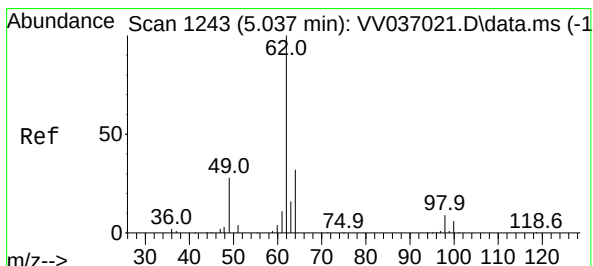
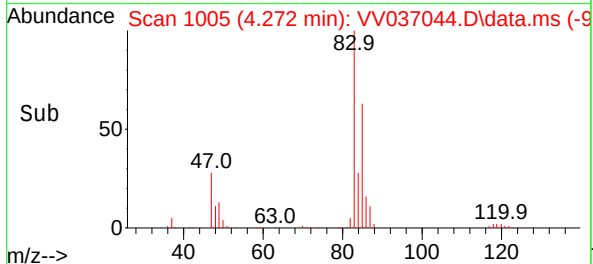
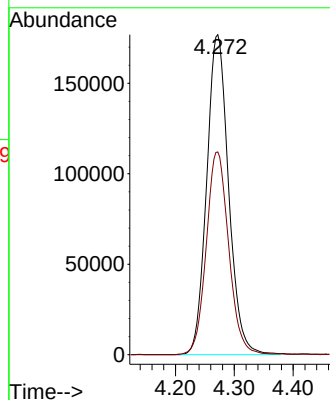
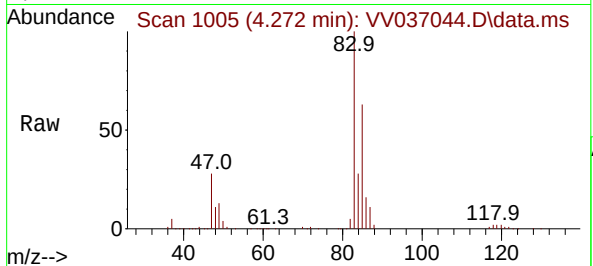
ClientSampleId :

Tgt Ion: 83 Resp: 458320

Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.803 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037044.D

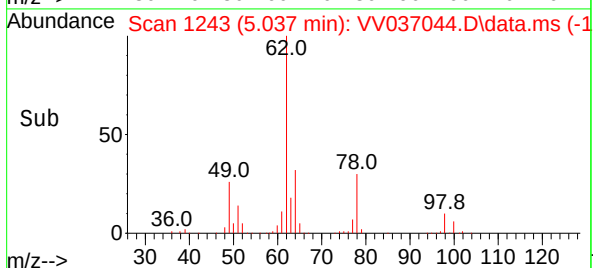
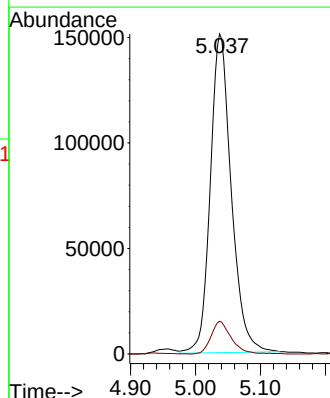
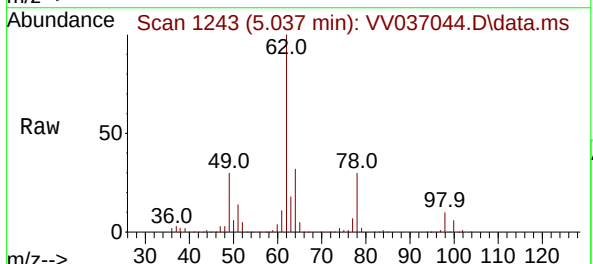
Acq: 26 Aug 2024 21:25

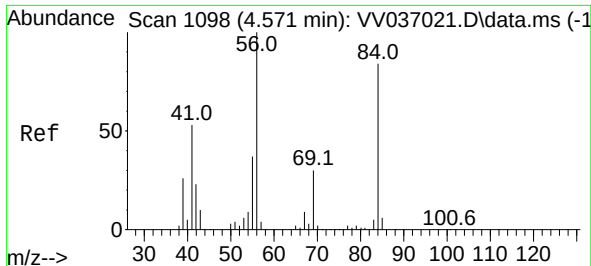
Tgt Ion: 62 Resp: 338983

Ion Ratio Lower Upper

62 100

98 10.2 8.0 12.0





#29

Cyclohexane

Concen: 53.183 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

ClientSampleId :

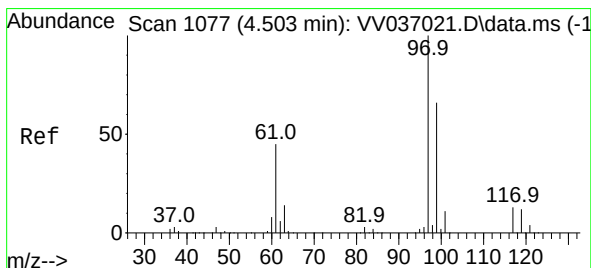
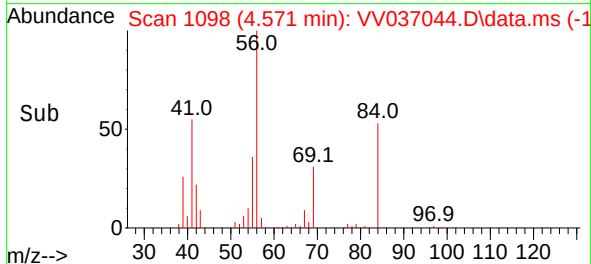
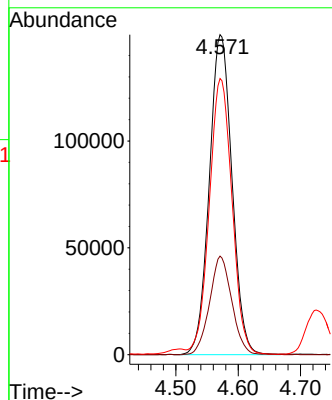
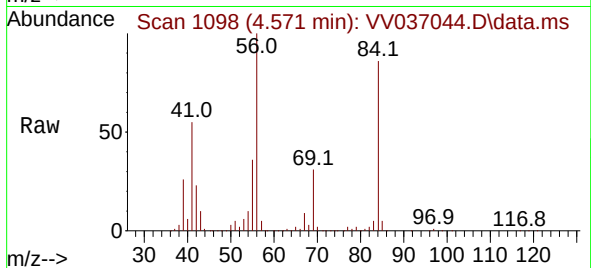
Tgt Ion: 56 Resp: 379052

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 86.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.195 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

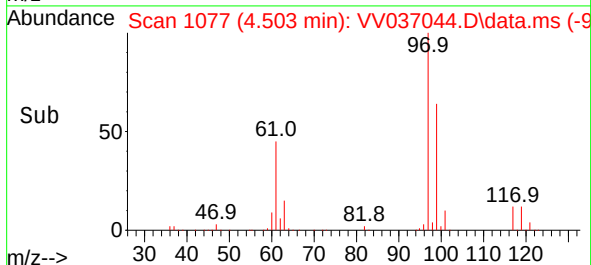
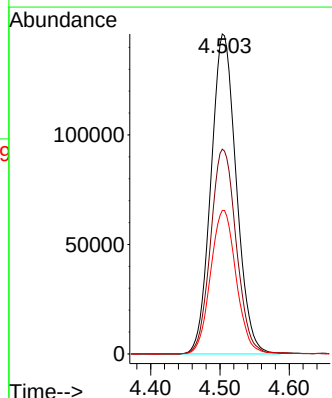
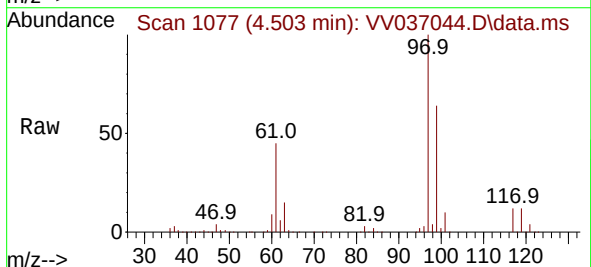
Tgt Ion: 97 Resp: 371028

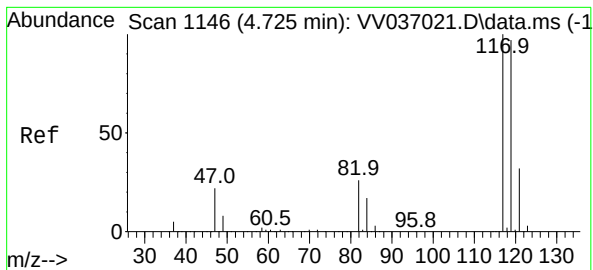
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 45.0 35.8 53.6

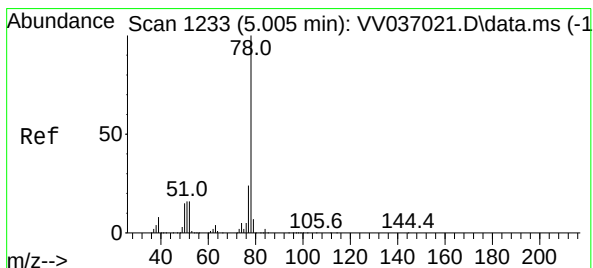
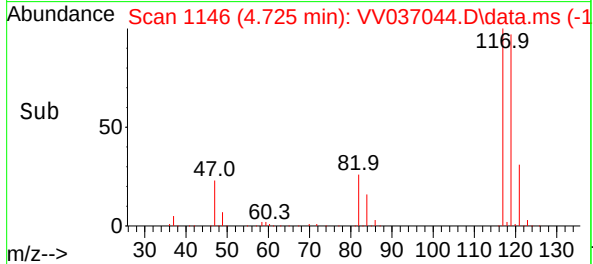
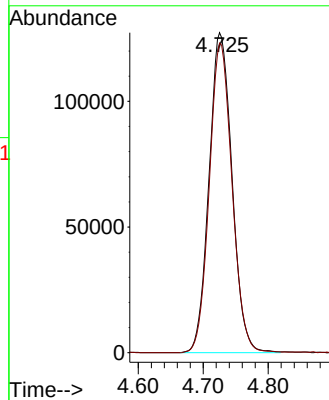
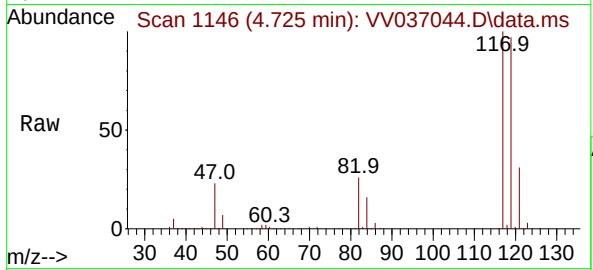




#31
Carbon tetrachloride
Concen: 53.145 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

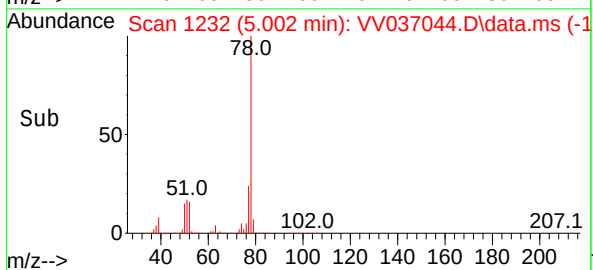
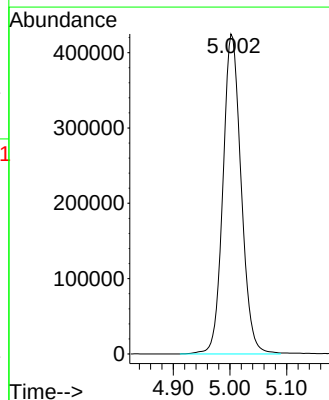
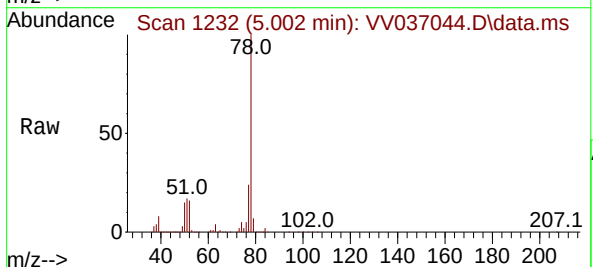
Instrument :
MSVOA_V
ClientSampleId :

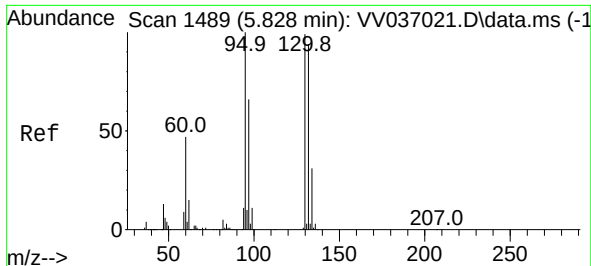
Tgt Ion:117 Resp: 312784
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6



#33
Benzene
Concen: 54.140 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

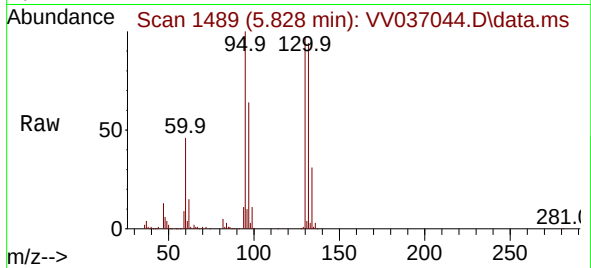
Tgt Ion: 78 Resp: 947102



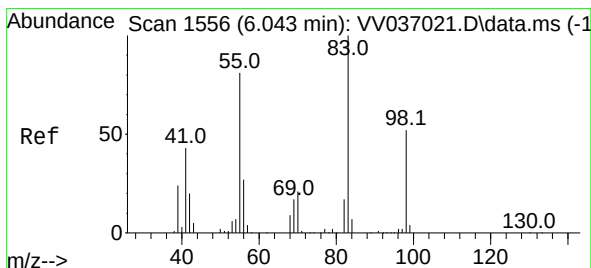
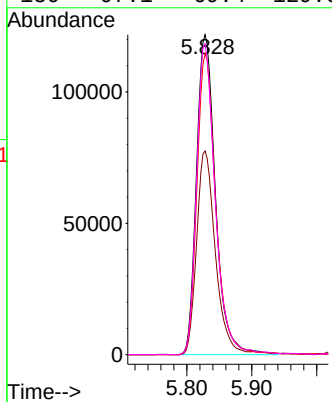
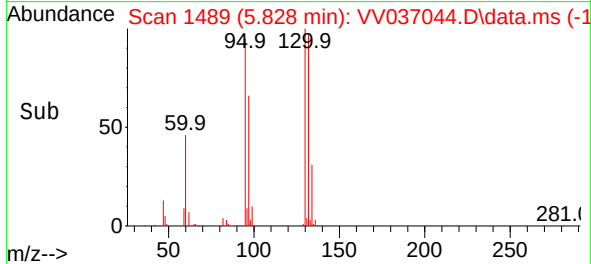


#34
Trichloroethene
Concen: 53.851 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

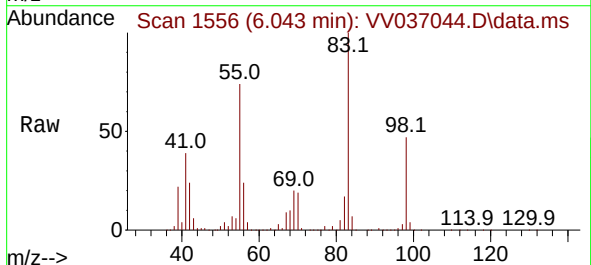
Instrument :
MSVOA_V
ClientSampleId :



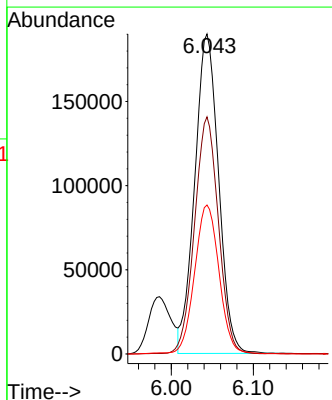
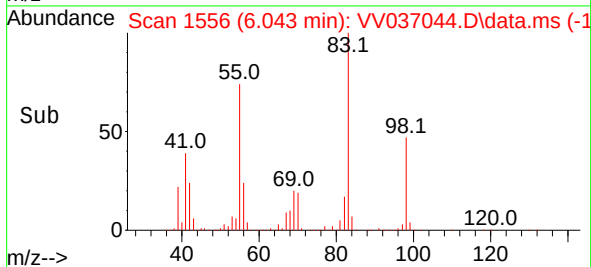
Tgt Ion: 95 Resp: 248648
Ion Ratio Lower Upper
95 100
97 63.7 44.4 82.5
132 94.1 64.9 120.5
130 97.1 69.4 129.0

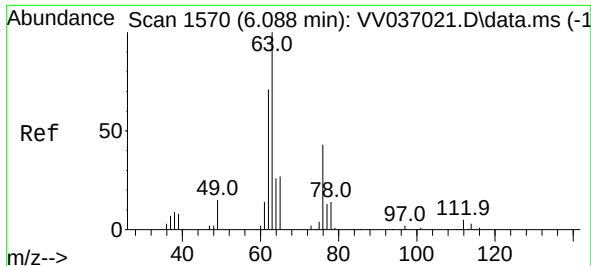


#35
Methylcyclohexane
Concen: 51.122 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25



Tgt Ion: 83 Resp: 383514
Ion Ratio Lower Upper
83 100
55 74.4 61.2 91.8
98 47.7 39.3 58.9

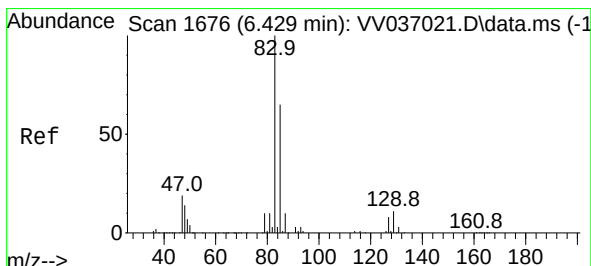
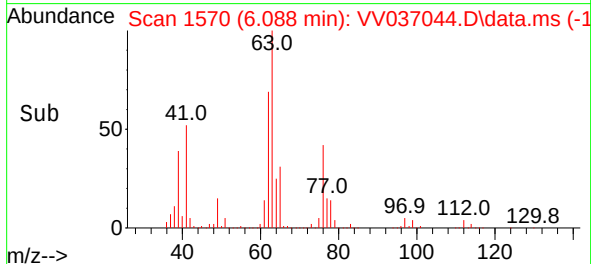
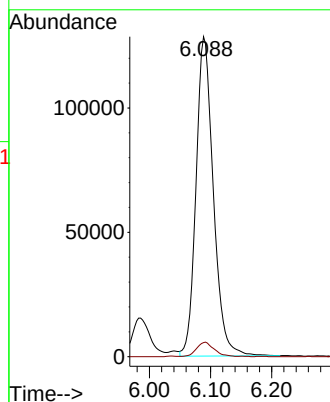
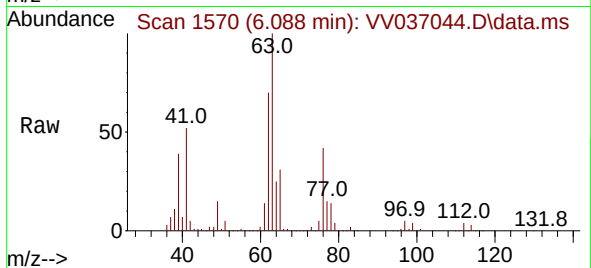




#37
1,2-Dichloropropane
Concen: 53.964 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

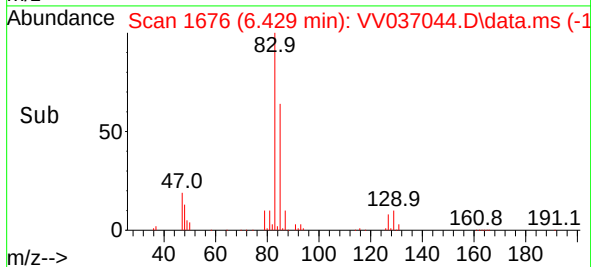
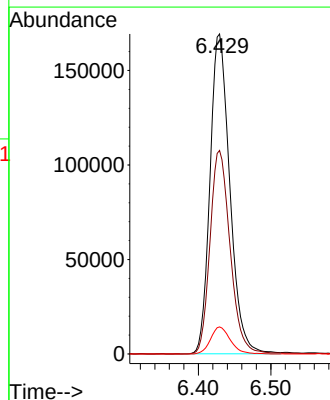
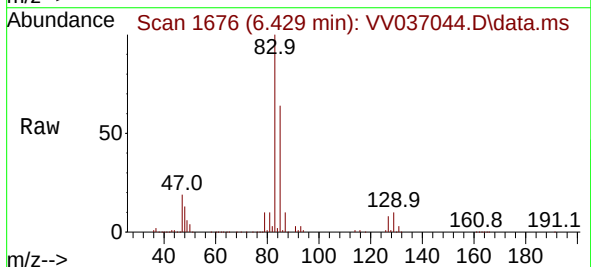
Instrument :
MSVOA_V
ClientSampleId :

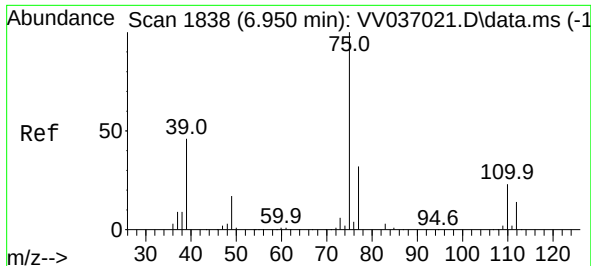
Tgt Ion: 63 Resp: 253085
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 53.438 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Tgt Ion: 83 Resp: 321215
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 52.659 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

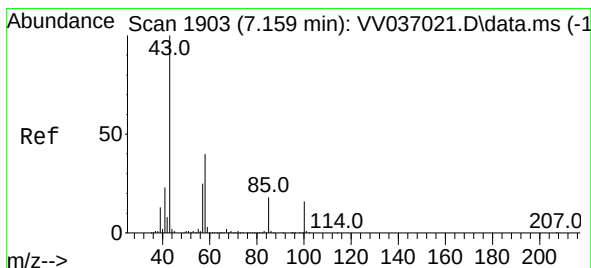
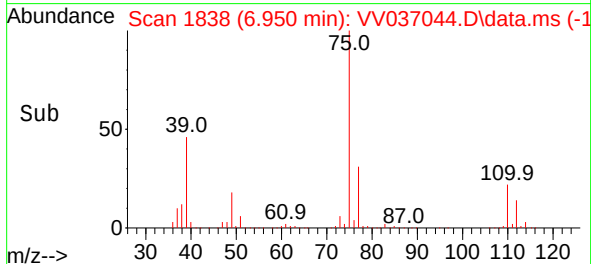
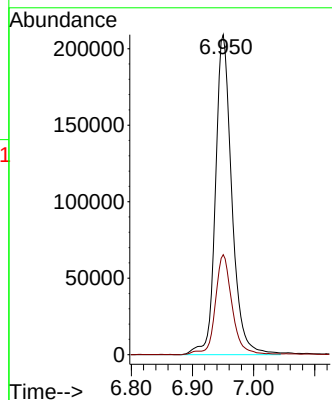
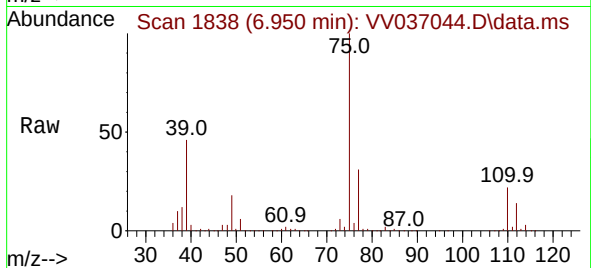
ClientSampleId :

Tgt Ion: 75 Resp: 389729

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 118.920 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

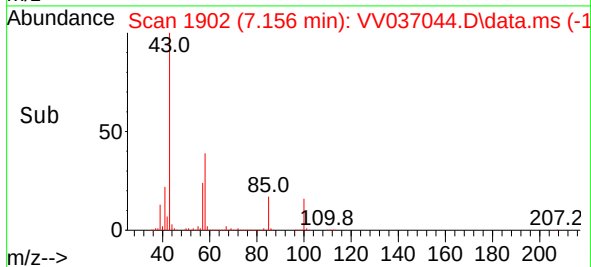
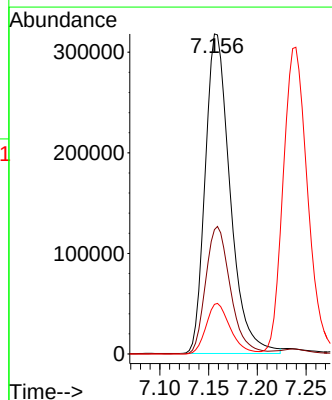
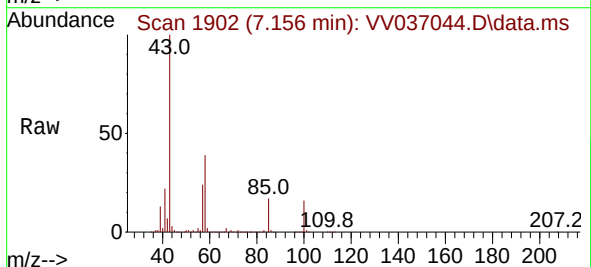
Tgt Ion: 43 Resp: 567008

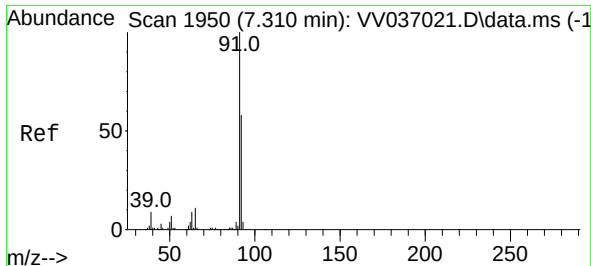
Ion Ratio Lower Upper

43 100

58 39.5 32.0 48.0

100 15.3 12.4 18.6





#42

Toluene

Concen: 54.895 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

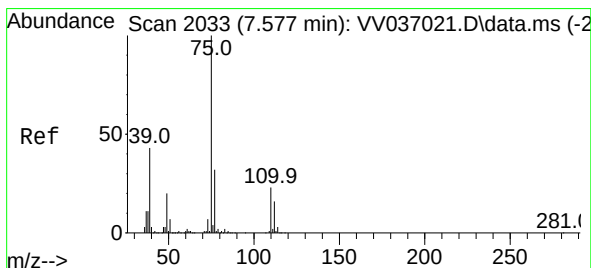
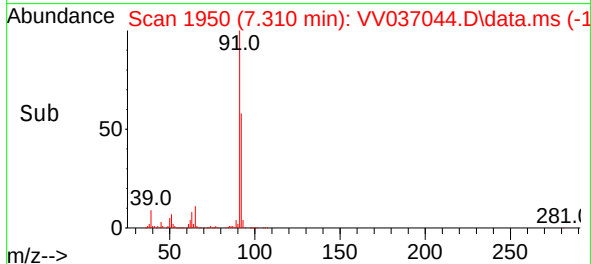
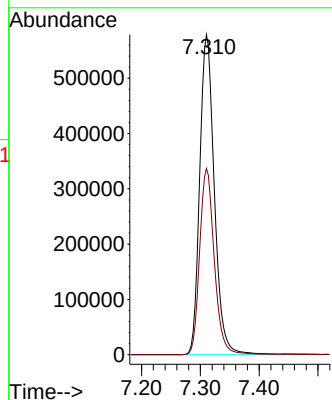
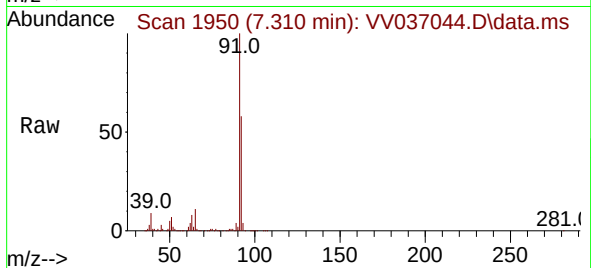
ClientSampleId :

Tgt Ion: 91 Resp: 999872

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 52.990 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037044.D

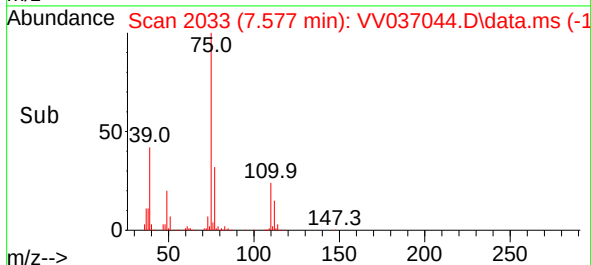
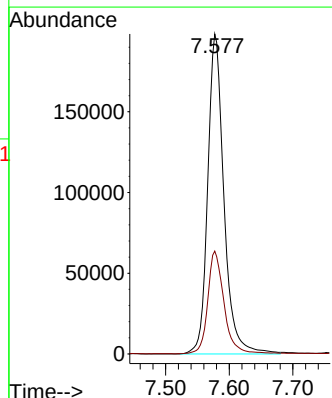
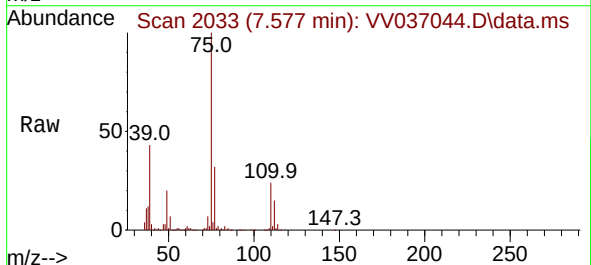
Acq: 26 Aug 2024 21:25

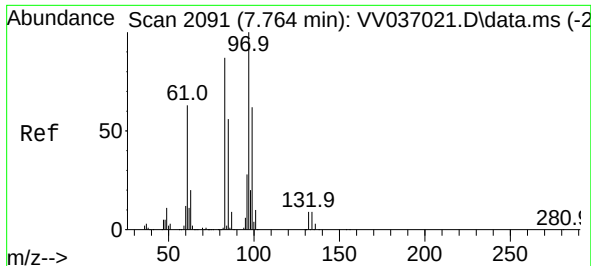
Tgt Ion: 75 Resp: 350545

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 55.008 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.000 min

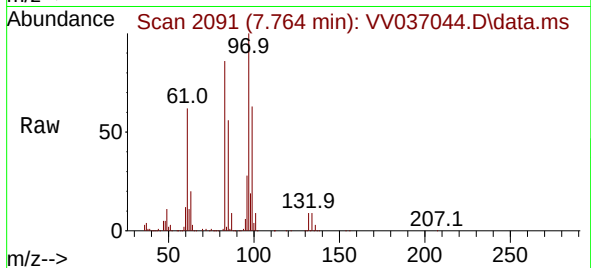
Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 240154

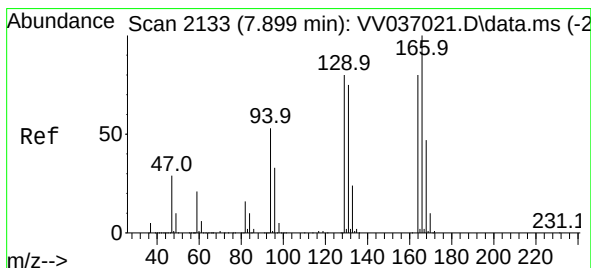
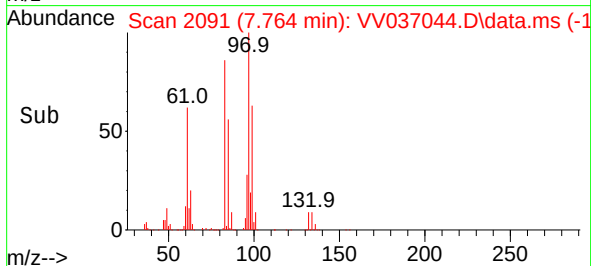
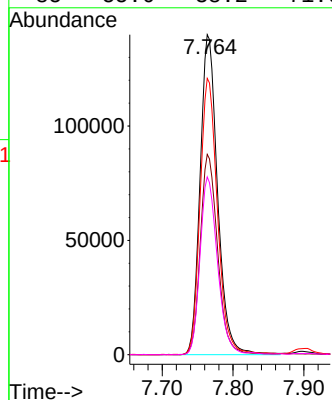
Ion Ratio Lower Upper

97 100

99 62.6 42.6 79.0

83 86.3 60.5 112.3

85 55.6 38.2 71.0



#46

Tetrachloroethene

Concen: 53.114 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Tgt Ion:164 Resp: 175964

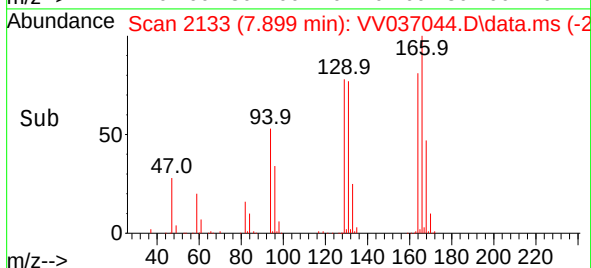
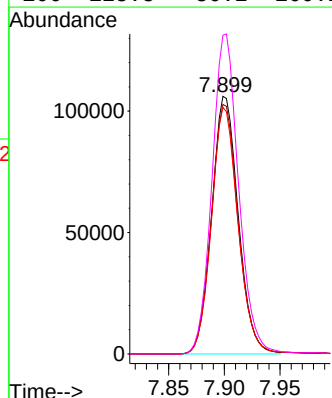
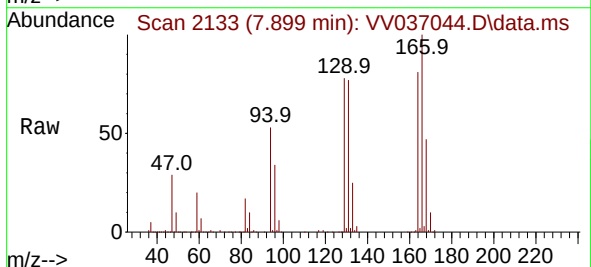
Ion Ratio Lower Upper

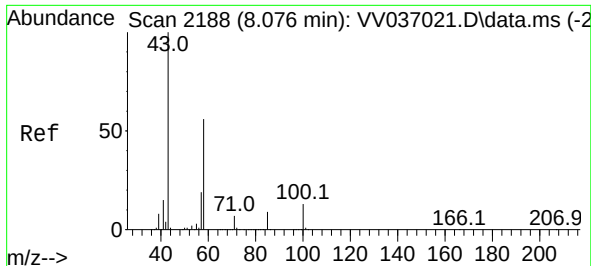
164 100

129 96.9 67.1 124.7

131 95.7 67.0 124.4

166 123.8 86.2 160.2

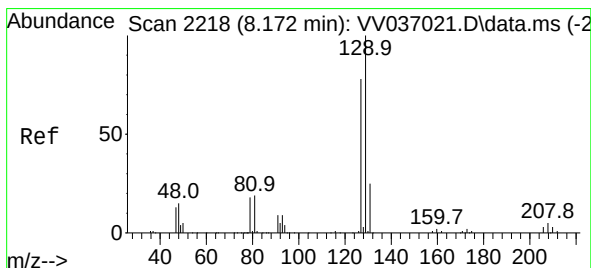
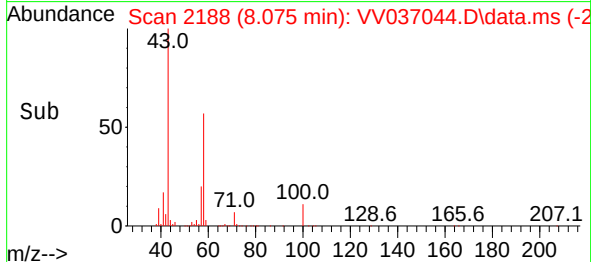
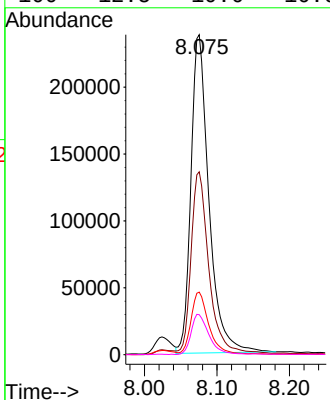
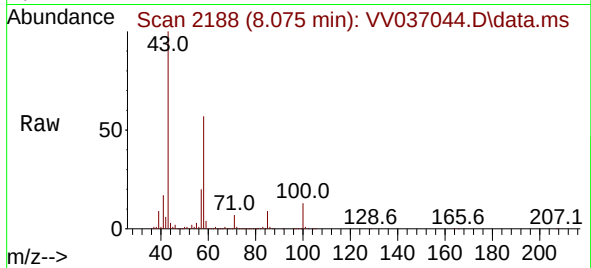




#48
2-Hexanone
Concen: 111.287 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

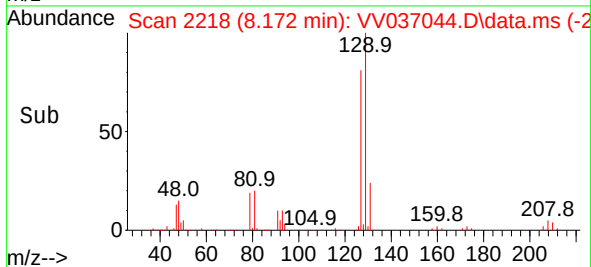
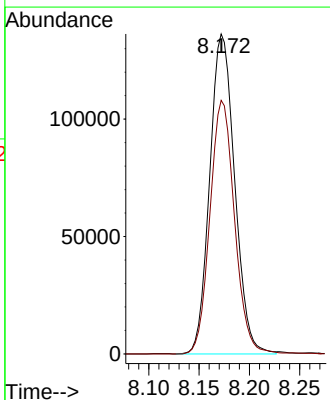
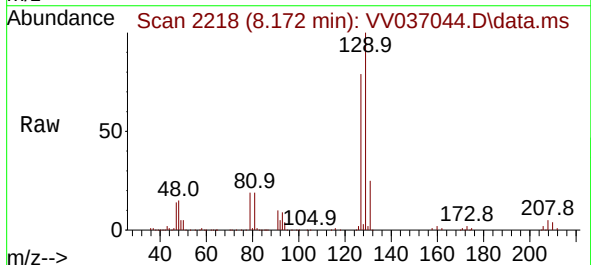
Instrument :
MSVOA_V
ClientSampleId :

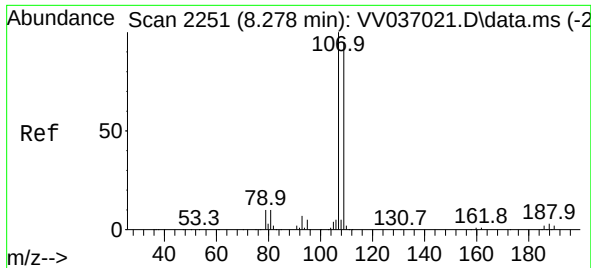
Tgt Ion: 43 Resp: 410367
Ion Ratio Lower Upper
43 100
58 56.5 46.0 69.0
57 18.8 15.6 23.4
100 12.5 10.6 16.0



#49
Dibromochloromethane
Concen: 53.815 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

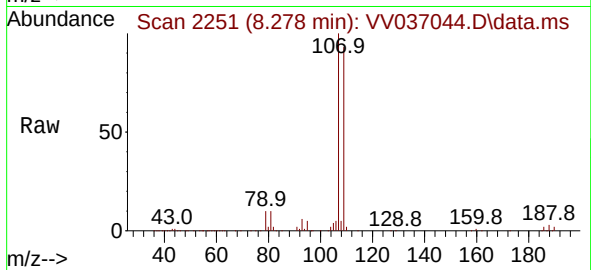
Tgt Ion: 129 Resp: 235254
Ion Ratio Lower Upper
129 100
127 79.3 54.7 101.7



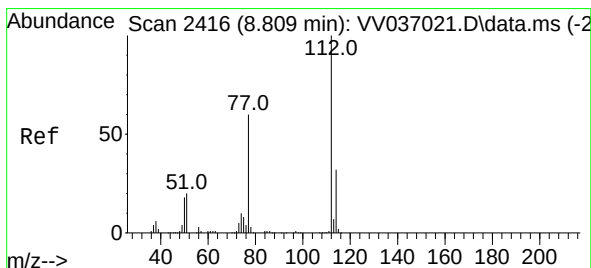
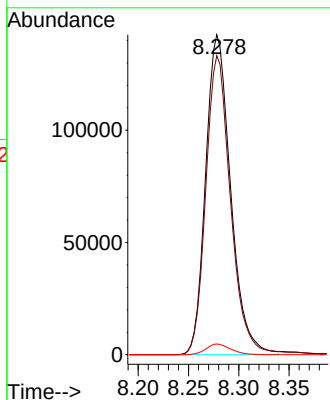
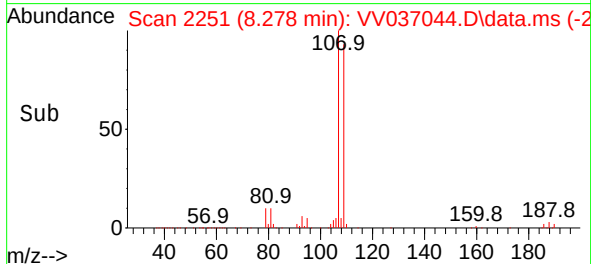


#50
1,2-Dibromoethane
Concen: 55.755 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Instrument :
MSVOA_V
ClientSampleId :

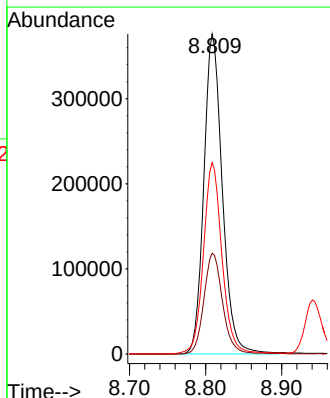
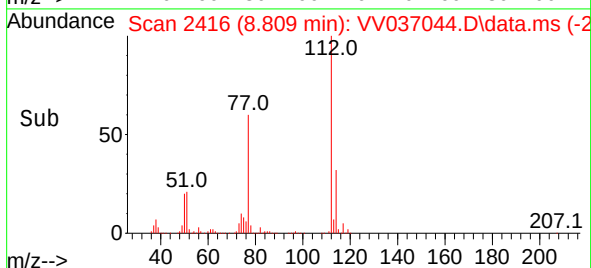
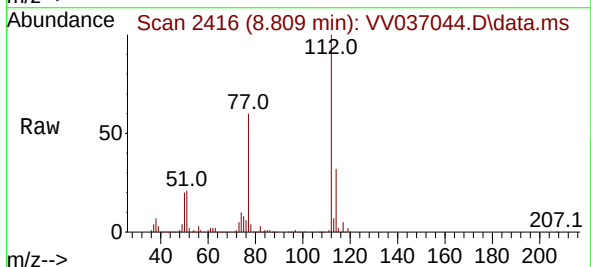


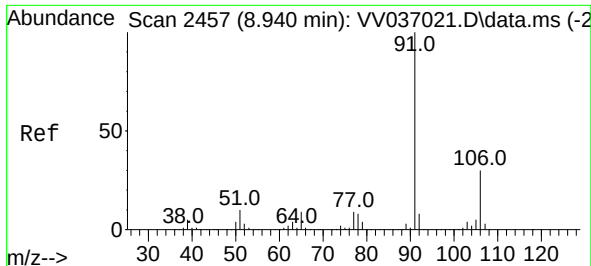
Tgt Ion:107 Resp: 246313
Ion Ratio Lower Upper
107 100
109 93.4 66.6 123.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 52.748 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Tgt Ion:112 Resp: 636052
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 59.8 47.8 71.8





#52

Ethylbenzene

Concen: 54.101 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

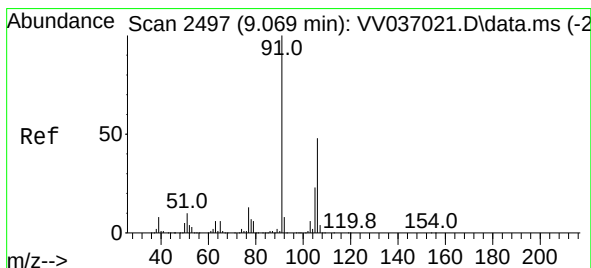
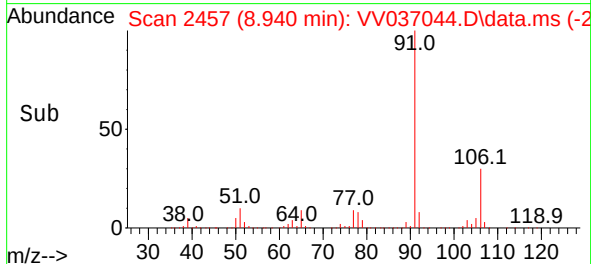
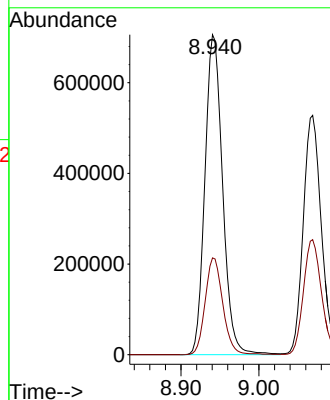
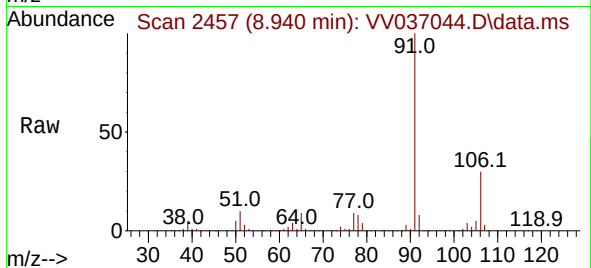
ClientSampleId :

Tgt Ion: 91 Resp: 1113057

Ion Ratio Lower Upper

91 100

106 30.2 21.4 39.8



#53

m,p-Xylene

Concen: 53.819 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV037044.D

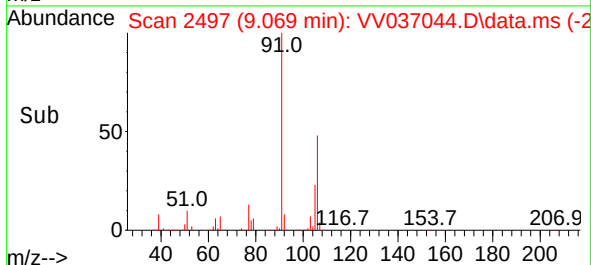
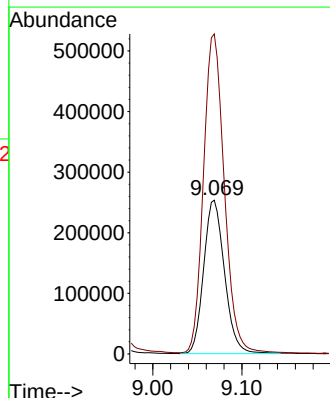
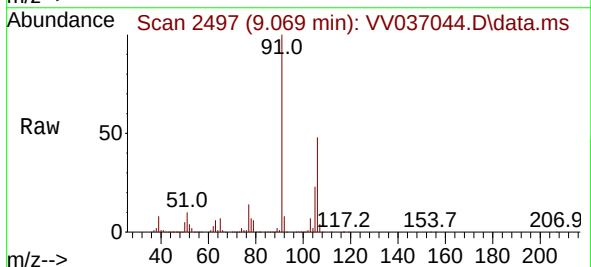
Acq: 26 Aug 2024 21:25

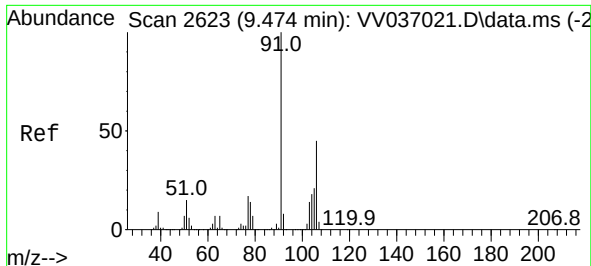
Tgt Ion:106 Resp: 410244

Ion Ratio Lower Upper

106 100

91 208.0 143.0 265.6





#54

o-Xylene

Concen: 54.433 ug/L

RT: 9.474 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

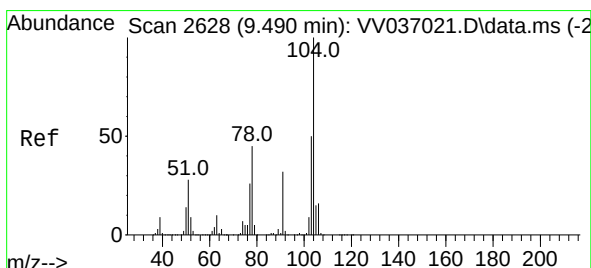
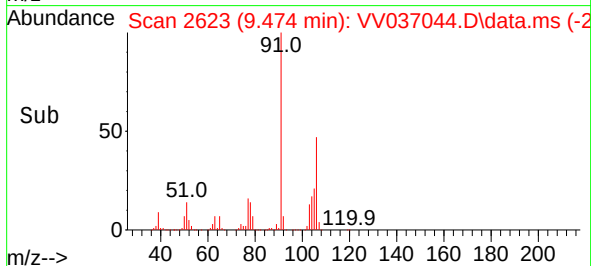
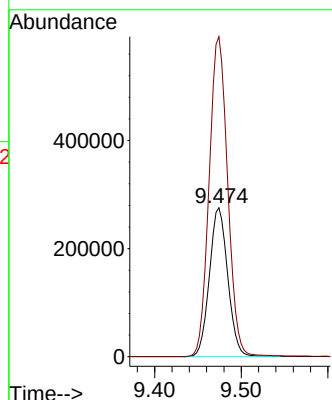
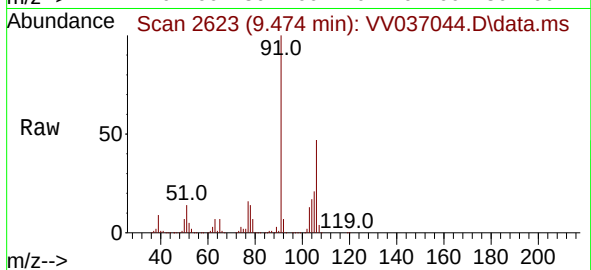
ClientSampleId :

Tgt Ion:106 Resp: 406264

Ion Ratio Lower Upper

106 100

91 214.9 153.2 284.6



#55

Styrene

Concen: 54.893 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV037044.D

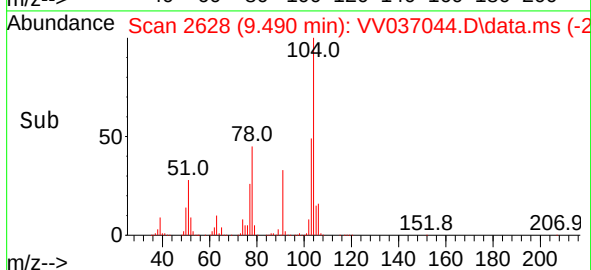
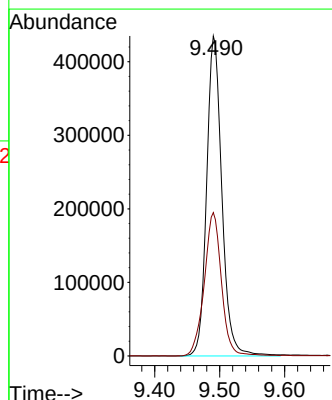
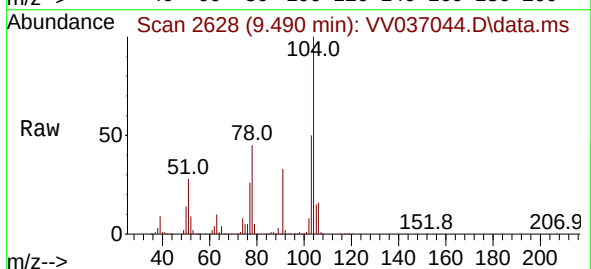
Acq: 26 Aug 2024 21:25

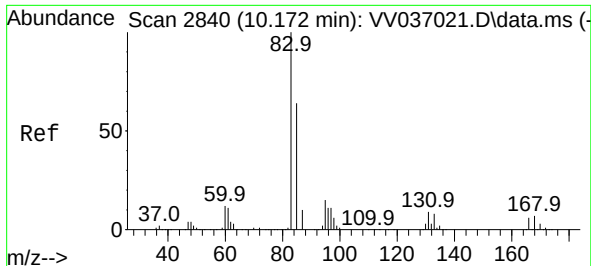
Tgt Ion:104 Resp: 710895

Ion Ratio Lower Upper

104 100

78 44.8 30.9 57.5

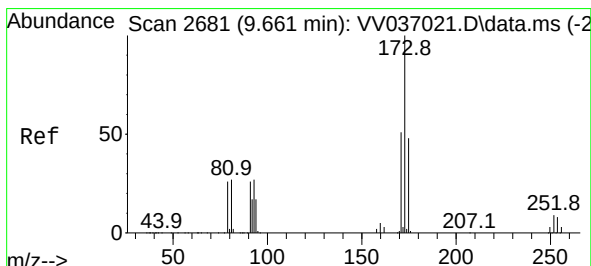
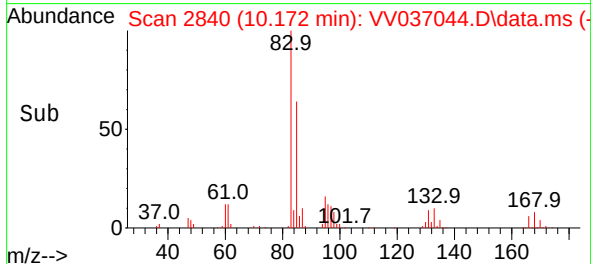
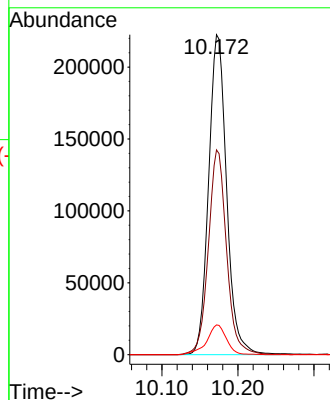
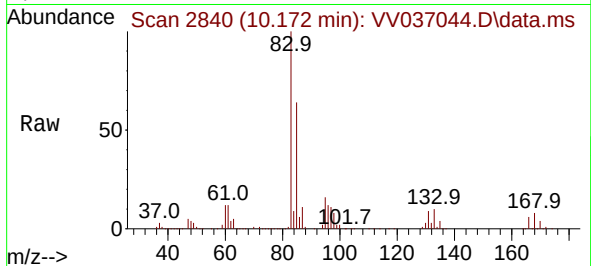




#57
1,1,2,2-Tetrachloroethane
Concen: 56.568 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

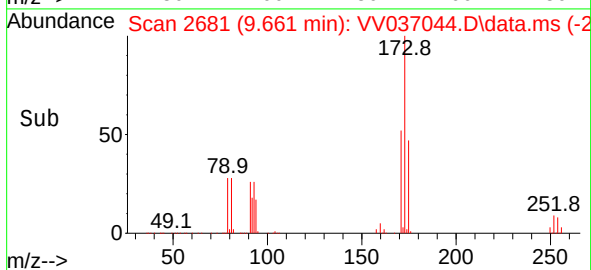
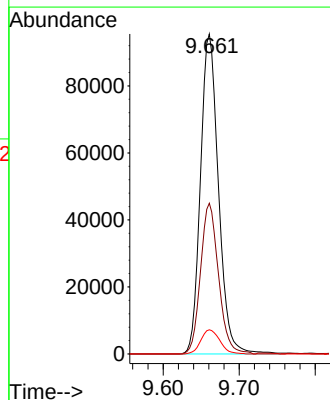
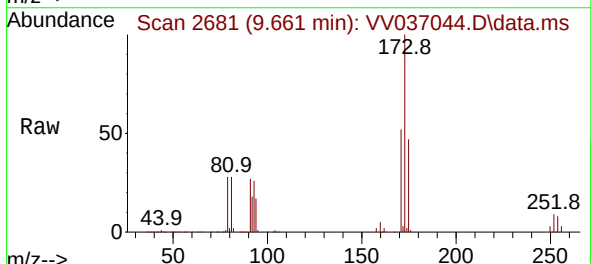
Instrument :
MSVOA_V
ClientSampleId :

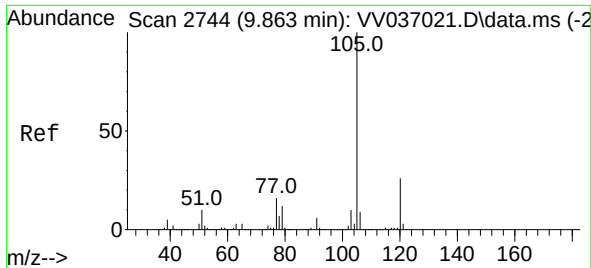
Tgt Ion: 83 Resp: 365766
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
131 9.3 7.4 11.0



#59
Bromoform
Concen: 55.535 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Tgt Ion: 173 Resp: 156995
Ion Ratio Lower Upper
173 100
175 46.9 38.7 58.1
254 8.0 6.8 10.2

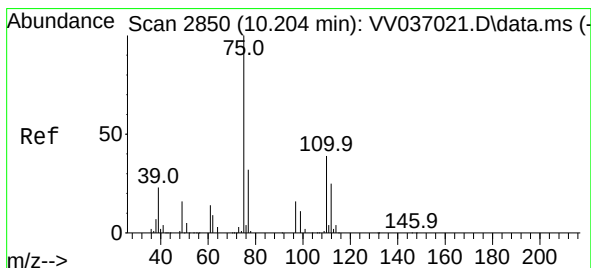
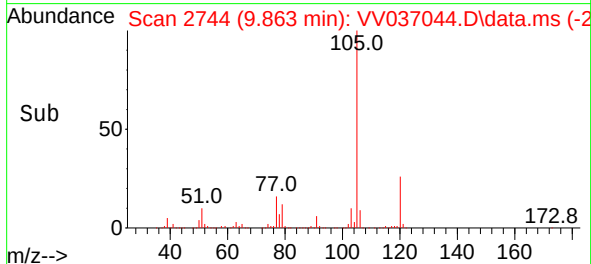
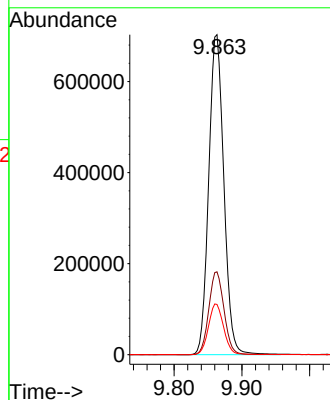
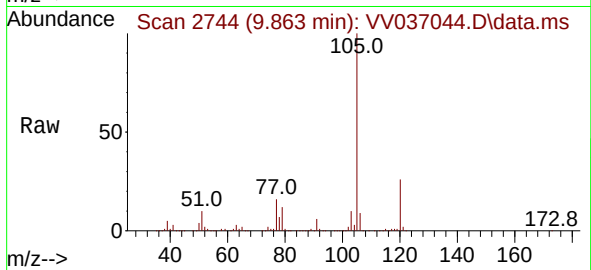




#60
Isopropylbenzene
Concen: 55.316 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

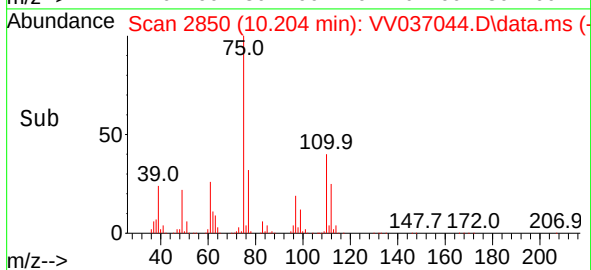
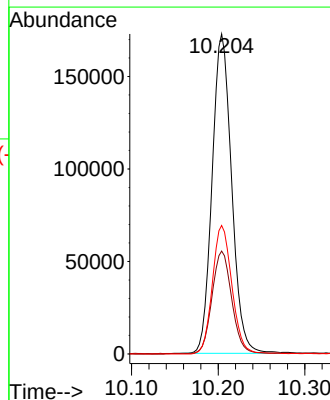
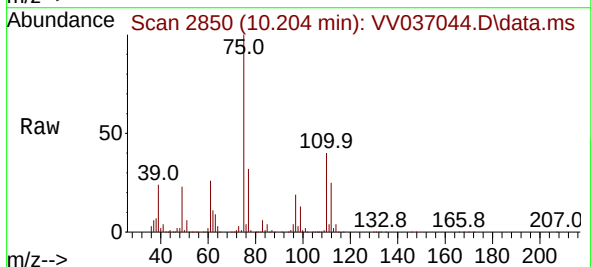
Instrument :
MSVOA_V
ClientSampleId :

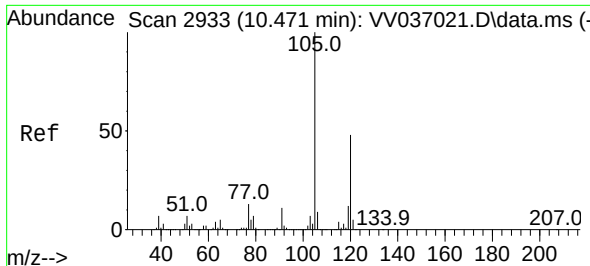
Tgt Ion:105 Resp: 1088693
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 57.199 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

Tgt Ion: 75 Resp: 270129
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 40.2 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 54.742 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

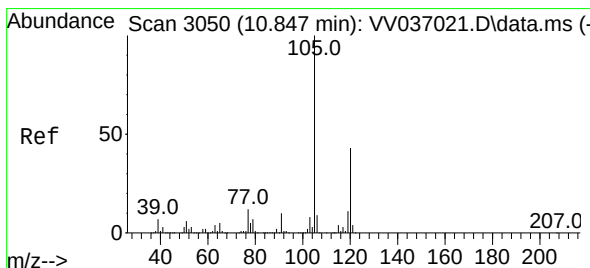
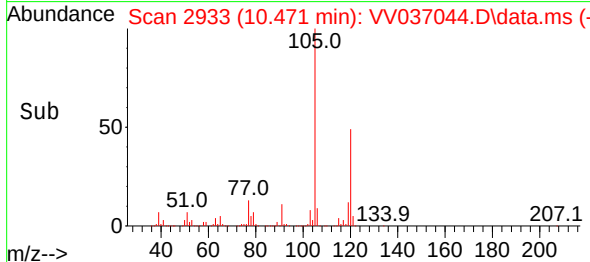
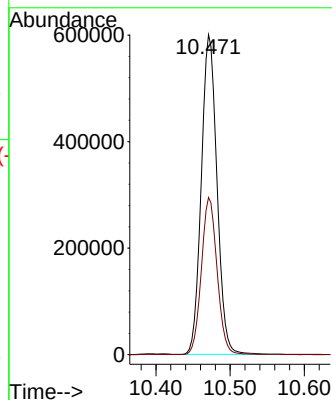
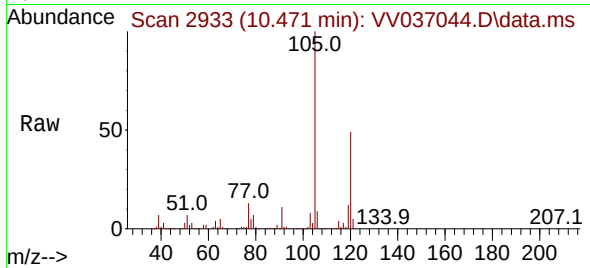
ClientSampleId :

Tgt Ion:105 Resp: 881473

Ion Ratio Lower Upper

105 100

120 49.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 55.594 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037044.D

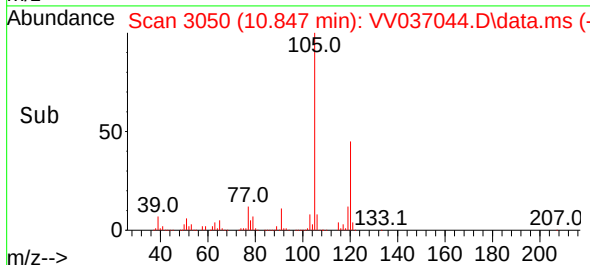
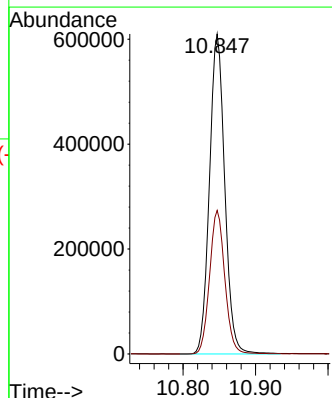
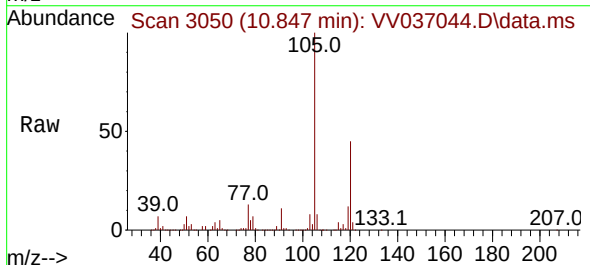
Acq: 26 Aug 2024 21:25

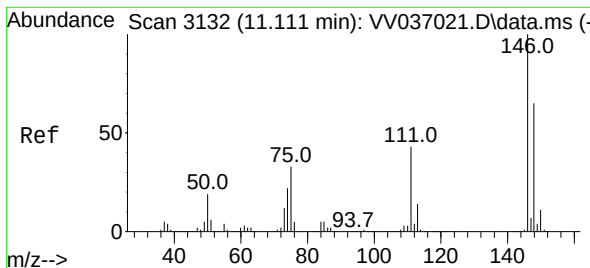
Tgt Ion:105 Resp: 893373

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 52.592 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

ClientSampleId :

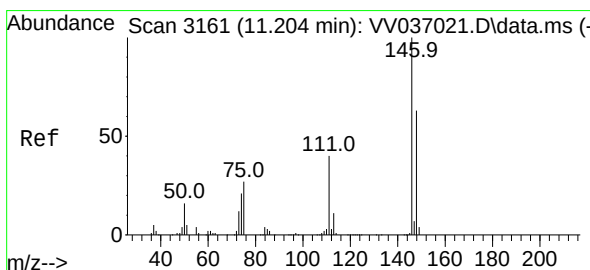
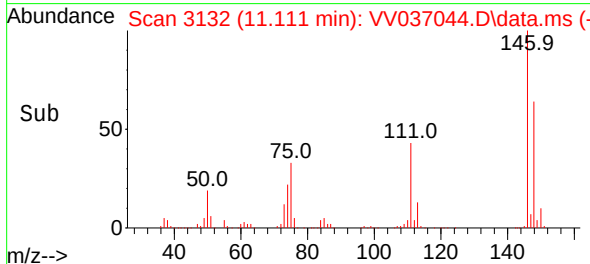
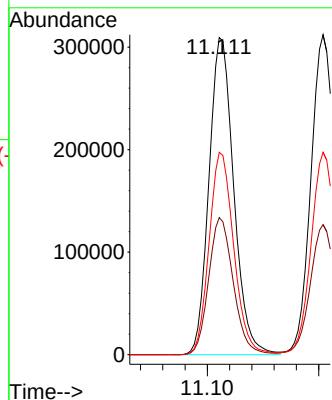
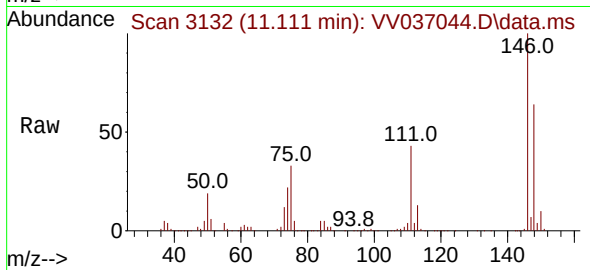
Tgt Ion:146 Resp: 477961

Ion Ratio Lower Upper

146 100

111 43.3 29.7 55.1

148 63.9 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.628 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

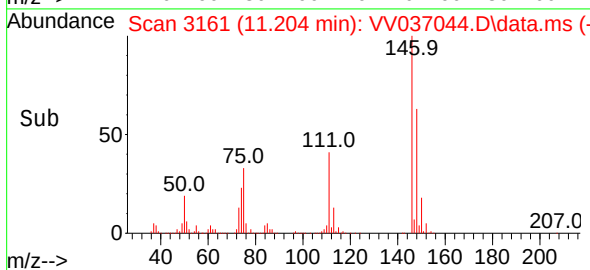
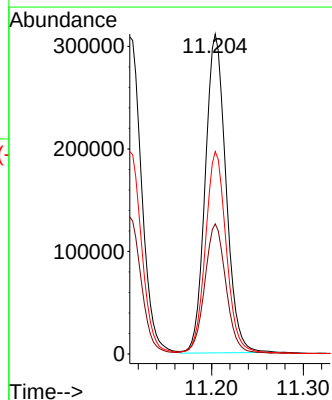
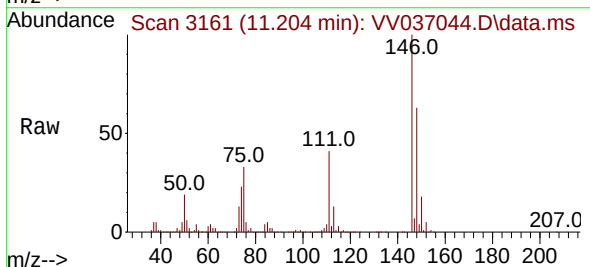
Tgt Ion:146 Resp: 489519

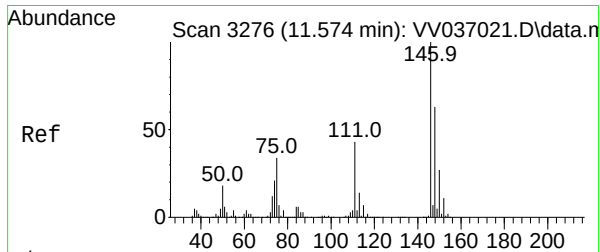
Ion Ratio Lower Upper

146 100

111 40.6 28.1 52.1

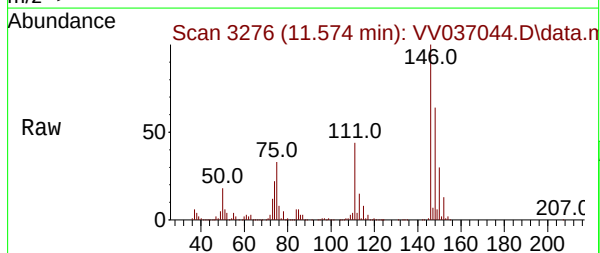
148 63.2 44.2 82.0



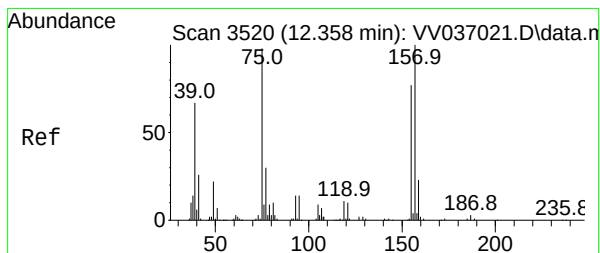
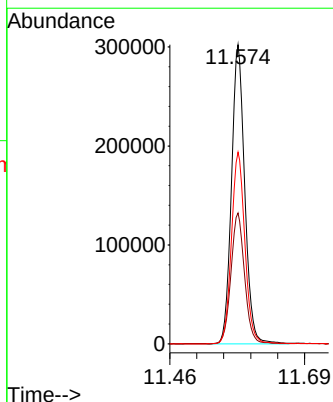
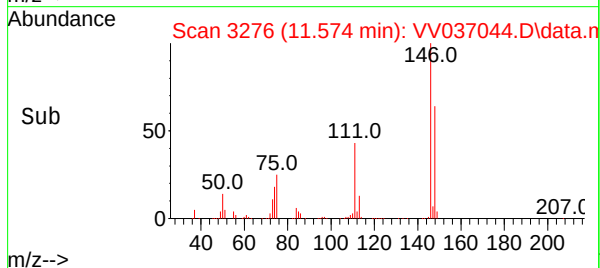


#67
1,2-Dichlorobenzene
Concen: 53.030 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25

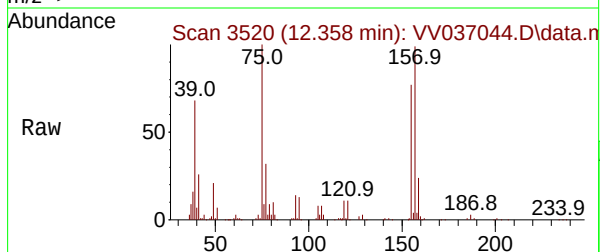
Instrument :
MSVOA_V
ClientSampleId :



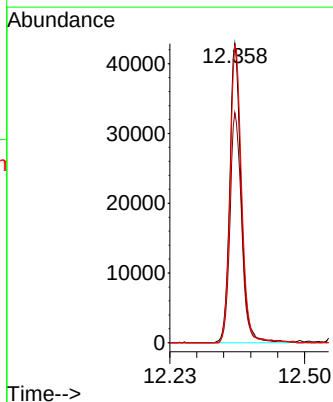
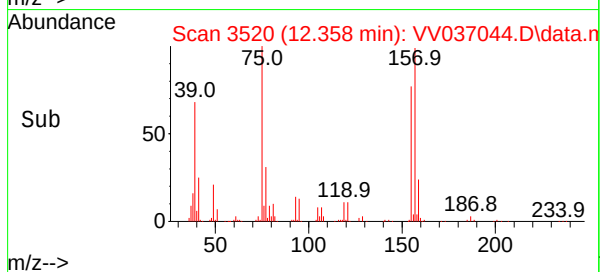
Tgt Ion: 146 Resp: 473872
Ion Ratio Lower Upper
146 100
111 43.8 34.6 51.8
148 64.1 50.2 75.4

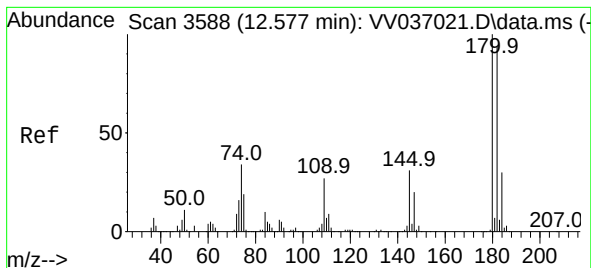


#68
1,2-Dibromo-3-chloropropane
Concen: 58.832 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV037044.D
Acq: 26 Aug 2024 21:25



Tgt Ion: 75 Resp: 69290
Ion Ratio Lower Upper
75 100
155 76.9 61.8 92.6
157 99.2 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 51.181 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

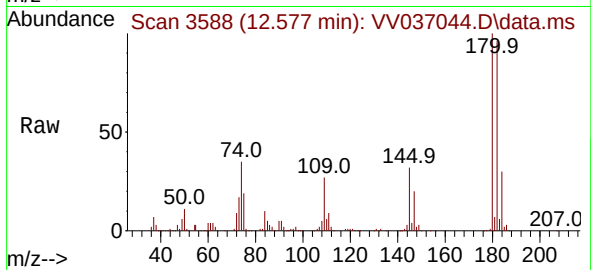
Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 323648

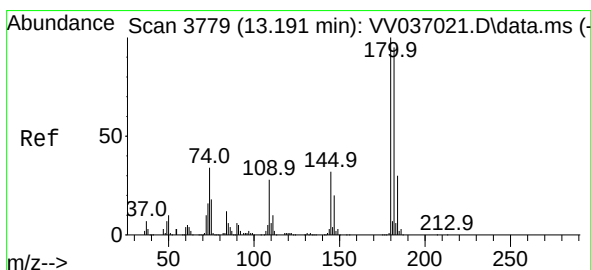
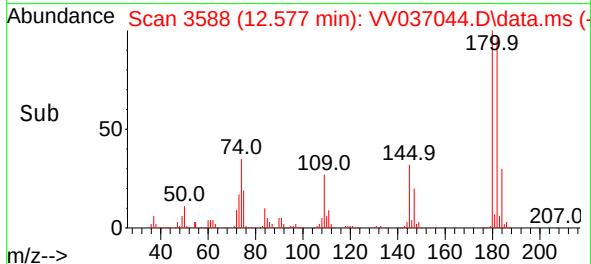
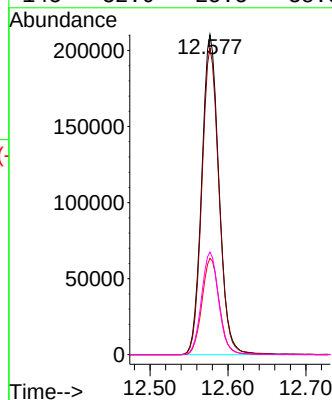
Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

184 30.4 24.2 36.2

145 32.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 51.534 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

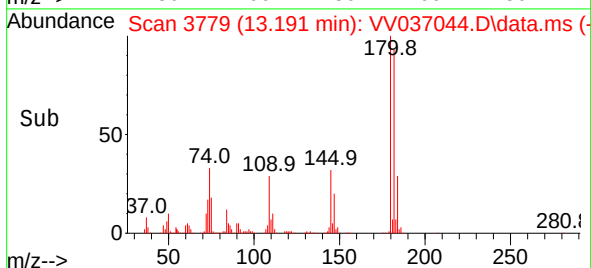
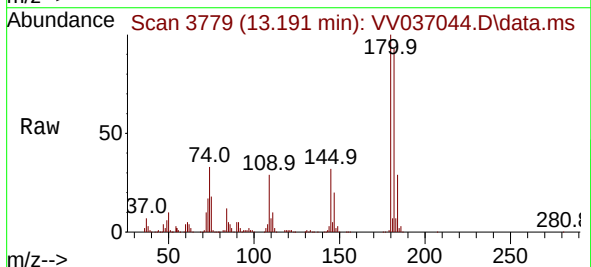
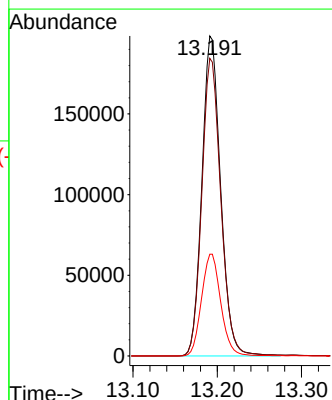
Tgt Ion:180 Resp: 306861

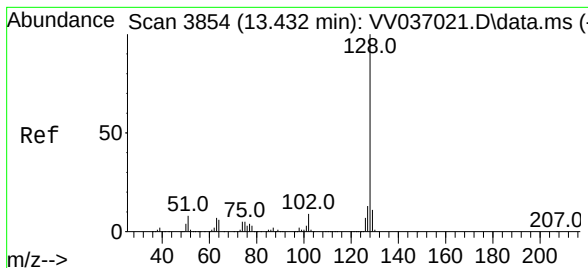
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

145 32.7 26.0 39.0





#71

Naphthalene

Concen: 55.744 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Instrument :

MSVOA_V

ClientSampleId :

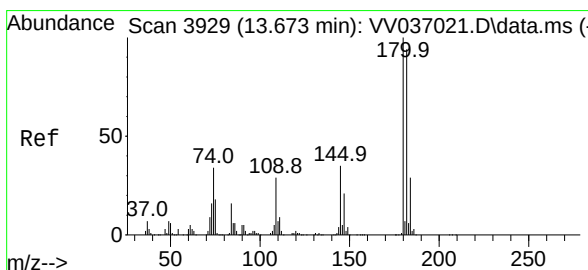
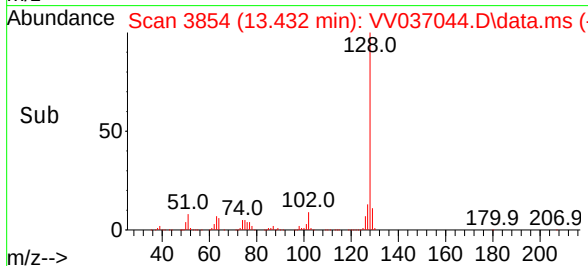
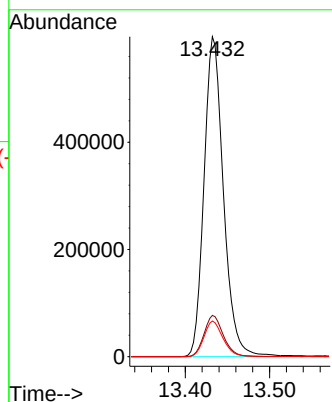
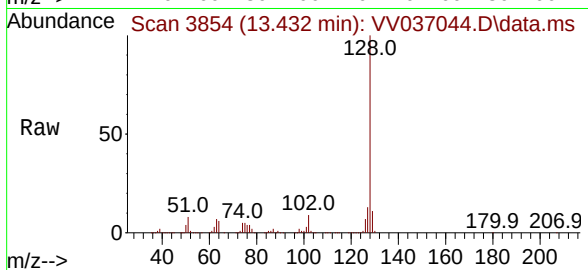
Tgt Ion:128 Resp: 958482

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.790 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037044.D

Acq: 26 Aug 2024 21:25

Tgt Ion:180 Resp: 309775

Ion Ratio Lower Upper

180 100

182 94.6 75.1 112.7

145 34.8 27.0 40.4

