

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080824\
 Data File : VV036844.D
 Acq On : 08 Aug 2024 10:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 02:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 02:35:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	457572	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	431480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	218404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156956	42.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.900%
7) Chloroethane-d5	1.532	69	132471	45.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.920%
11) 1,1-Dichloroethene-d2	2.056	65	68557	43.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
21) 2-Butanone-d5	3.786	46	175353	90.557	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.560%
24) Chloroform-d	4.240	84	327989	50.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	4.934	65	205525	48.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
32) Benzene-d6	4.950	84	620705	47.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	5.982	67	207305	49.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.620%
41) Toluene-d8	7.236	98	549941	46.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.548	79	99931	45.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.340%
47) 2-Hexanone-d5	8.024	63	105441	87.222	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	233189	48.304	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	216830	48.720	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	198922	54.522	ug/L	100
3) Chloromethane	1.217	50	200843	52.601	ug/L	99
5) Vinyl chloride	1.282	62	204892	52.254	ug/L	98
6) Bromomethane	1.487	94	126294	51.157	ug/L	99
8) Chloroethane	1.548	64	125432	51.643	ug/L	99
9) Trichlorofluoromethane	1.712	101	268549	52.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	161220	53.271	ug/L	99
12) 1,1-Dichloroethene	2.069	96	149626	51.766	ug/L	93
13) Acetone	2.111	43	148717	91.794	ug/L	99
14) Carbon disulfide	2.237	76	446153	49.138	ug/L	100
15) Methyl Acetate	2.372	43	142701	42.757	ug/L	99
16) Methylene chloride	2.442	84	167025	51.401	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	155908	52.074	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	509228	48.292	ug/L	99
19) 1,1-Dichloroethane	3.105	63	310834	51.387	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	182190	51.845	ug/L	97
22) 2-Butanone	3.870	43	183418	84.510	ug/L	99
23) Bromochloromethane	4.137	128	87747	51.404	ug/L	99
25) Chloroform	4.269	83	316443	50.934	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080824\
 Data File : VV036844.D
 Acq On : 08 Aug 2024 10:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

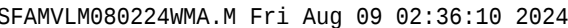
Instrument :
 MSVOA_V
 ClientSampleId :

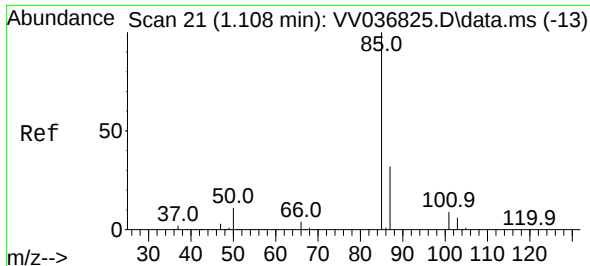
Quant Time: Aug 09 02:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 02:35:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	243291	49.645	ug/L	99
29) Cyclohexane	4.571	56	287096	52.222	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	272970	50.214	ug/L	99
31) Carbon tetrachloride	4.725	117	229262	50.218	ug/L	99
33) Benzene	5.002	78	675325	52.328	ug/L	100
34) Trichloroethene	5.825	95	186308	49.812	ug/L	98
35) Methylcyclohexane	6.040	83	296449	51.652	ug/L	98
37) 1,2-Dichloropropane	6.088	63	182400	53.352	ug/L	100
38) Bromodichloromethane	6.426	83	236080	50.145	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	294507	50.299	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	359710	84.936	ug/L	98
42) Toluene	7.307	91	713947	51.938	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	273318	50.095	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	163492	49.381	ug/L	99
46) Tetrachloroethene	7.899	164	127898	52.132	ug/L	99
48) 2-Hexanone	8.072	43	268857	86.293	ug/L	100
49) Dibromochloromethane	8.172	129	167015	49.089	ug/L	99
50) 1,2-Dibromoethane	8.278	107	168058	48.923	ug/L	99
51) Chlorobenzene	8.809	112	458519	51.986	ug/L	99
52) Ethylbenzene	8.940	91	817471	52.083	ug/L	100
53) m,p-Xylene	9.066	106	302944	51.636	ug/L	98
54) o-Xylene	9.471	106	295391	51.478	ug/L	100
55) Styrene	9.490	104	509113	51.773	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	213850	47.869	ug/L	100
59) Bromoform	9.657	173	108587	44.942	ug/L	99
60) Isopropylbenzene	9.860	105	814852	51.248	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	173781	44.201	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	673558	50.882	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	674300	50.885	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	354677	51.872	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	360275	51.815	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	343058	51.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	43507	38.293	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	250911	51.709	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	236641	50.849	ug/L	99
71) Naphthalene	13.432	128	674353	45.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	224787	49.345	ug/L	100

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

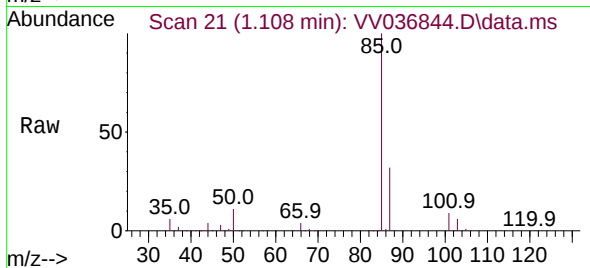
Quant Time: Aug 09 02:35:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 02:35:03 2024
Response via : Initial Calibration



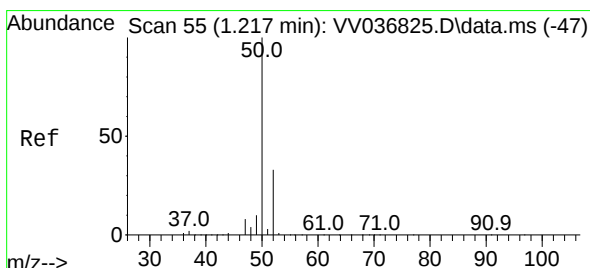
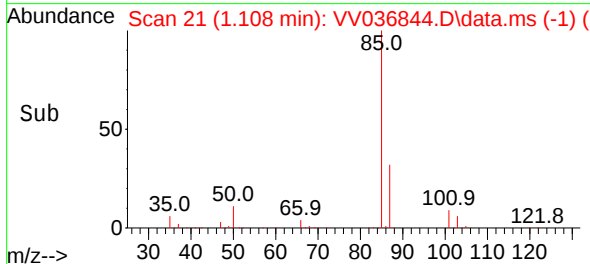
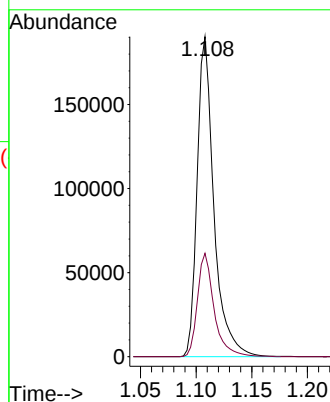


#2
 Dichlorodifluoromethane
 Concen: 54.522 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036844.D
 Acq: 08 Aug 2024 10:41

Instrument :
 MSVOA_V
 ClientSampleId :

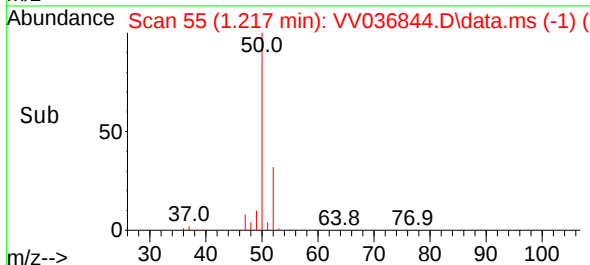
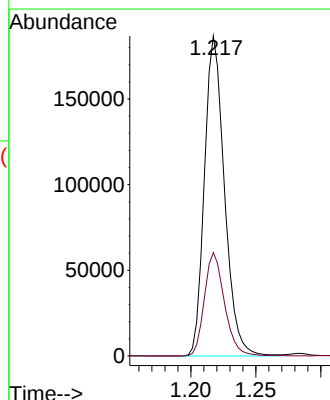
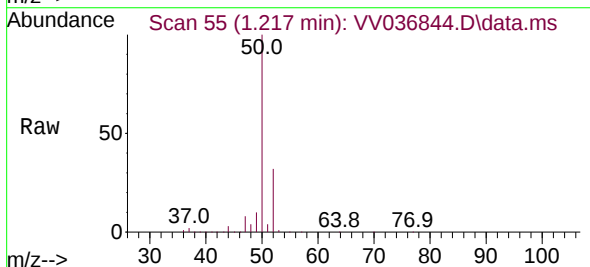


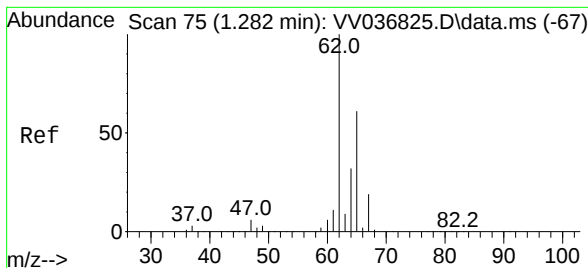
Tgt Ion: 85 Resp: 198922
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 52.601 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036844.D
 Acq: 08 Aug 2024 10:41

Tgt Ion: 50 Resp: 200843
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8

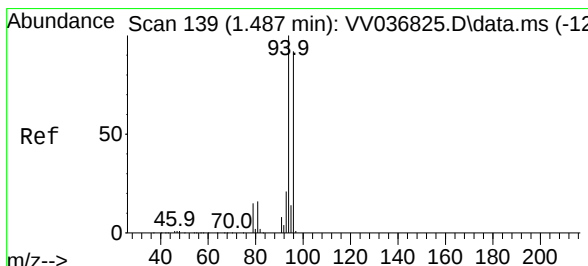
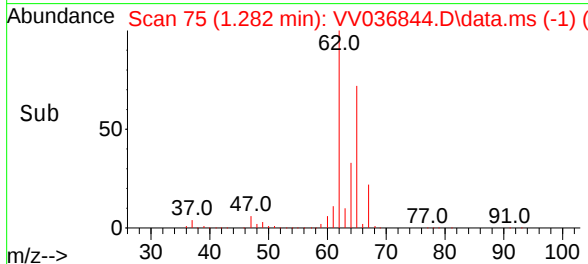
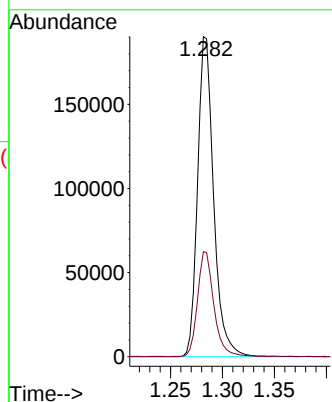
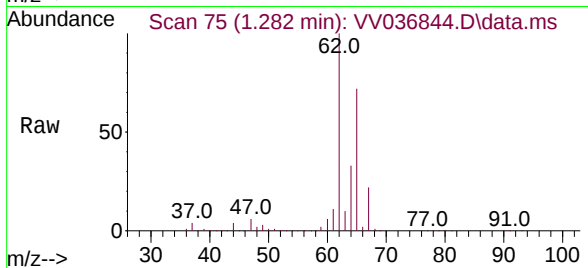




#5
 Vinyl chloride
 Concen: 52.254 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV036844.D
 Acq: 08 Aug 2024 10:41

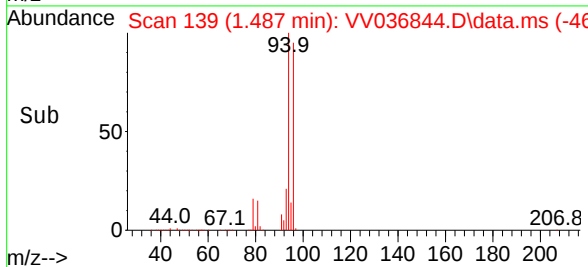
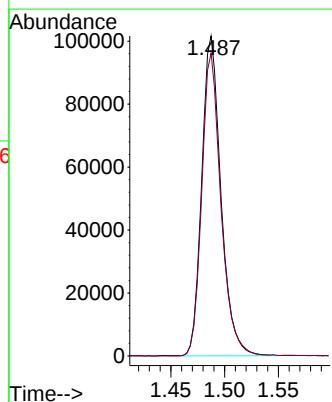
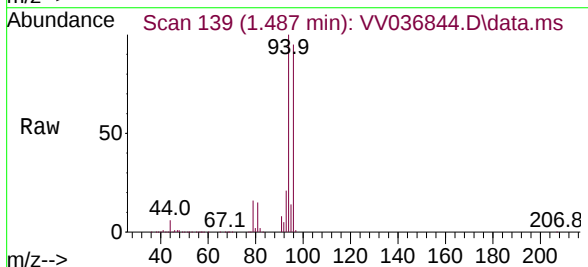
Instrument :
 MSVOA_V
 ClientSampleId :

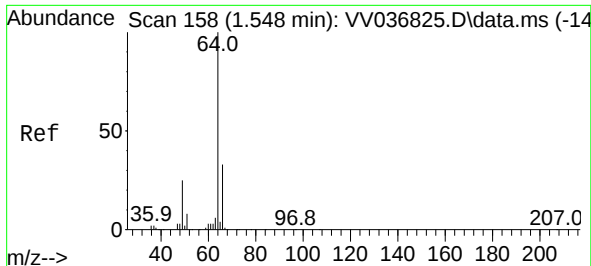
Tgt Ion: 62 Resp: 204892
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.6 43.8



#6
 Bromomethane
 Concen: 51.157 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV036844.D
 Acq: 08 Aug 2024 10:41

Tgt Ion: 94 Resp: 126294
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.5 121.7

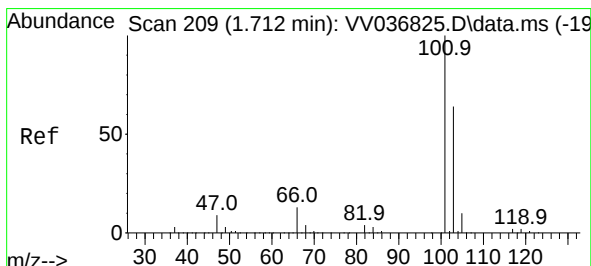
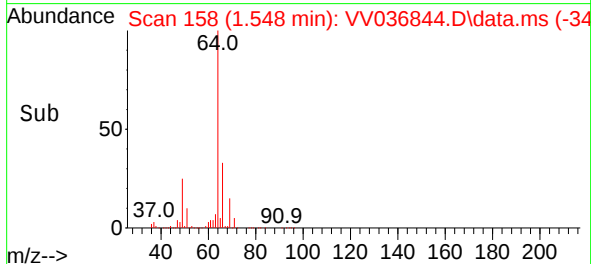
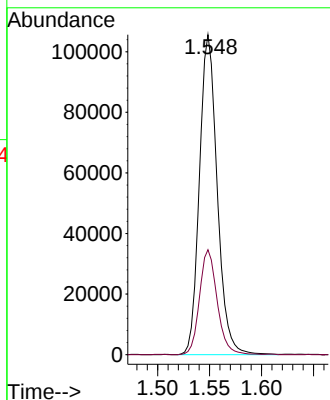
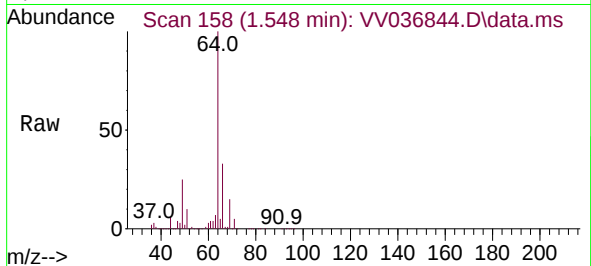




#8
Chloroethane
Concen: 51.643 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

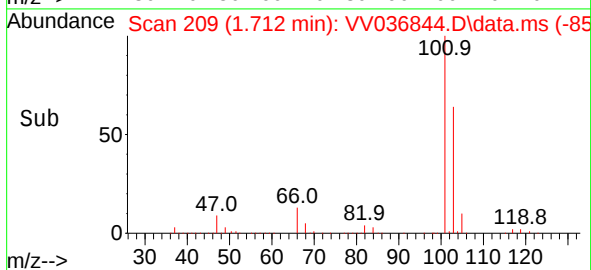
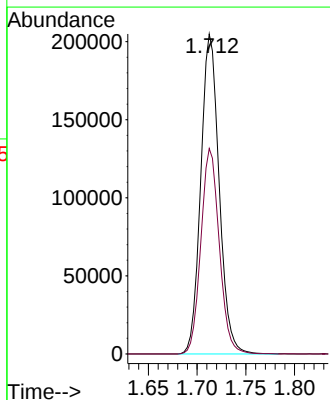
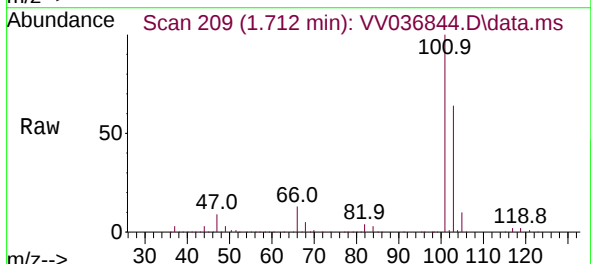
Instrument :
MSVOA_V
ClientSampleId :

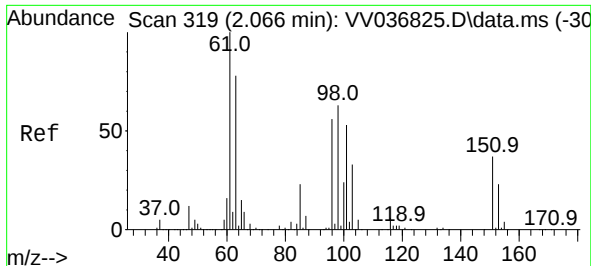
Tgt Ion: 64 Resp: 125432
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 52.287 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion:101 Resp: 268549
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0





#10

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

Concen: 53.271 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

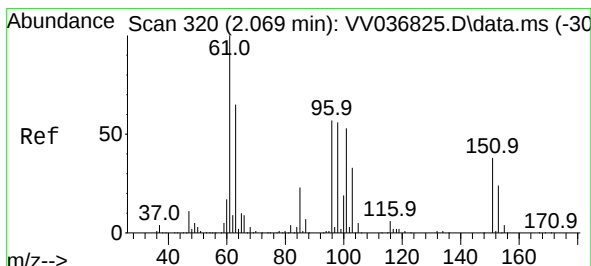
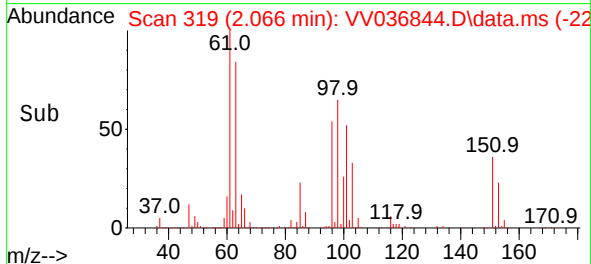
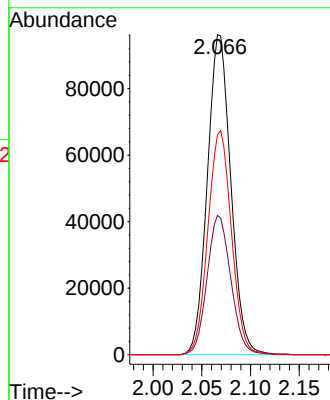
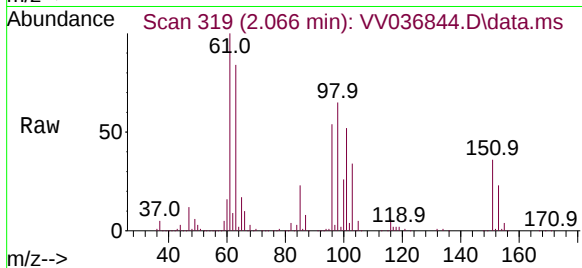
Tgt Ion:101 Resp: 161220

Ion Ratio Lower Upper

101 100

85 44.0 34.6 51.8

151 70.3 55.9 83.9



#12

1,1-Dichloroethene

Concen: 51.766 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

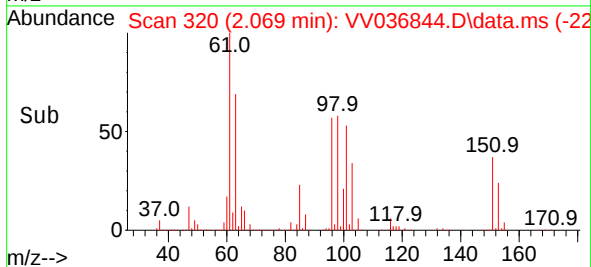
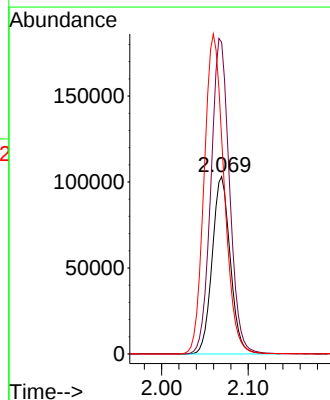
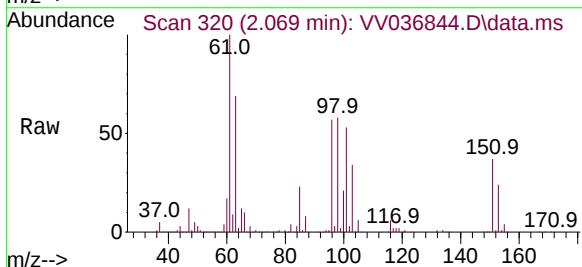
Tgt Ion: 96 Resp: 149626

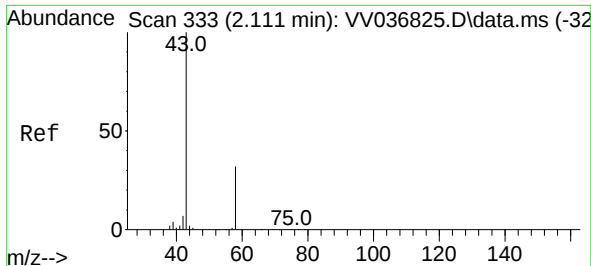
Ion Ratio Lower Upper

96 100

61 175.8 125.6 233.2

63 121.8 95.1 176.7





#13

Acetone

Concen: 91.794 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

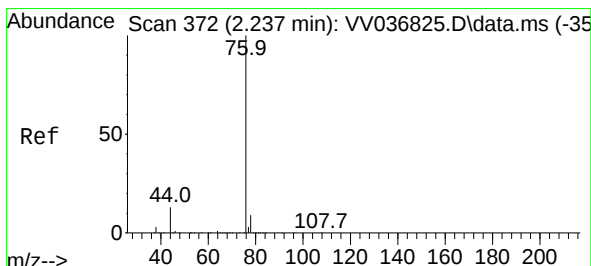
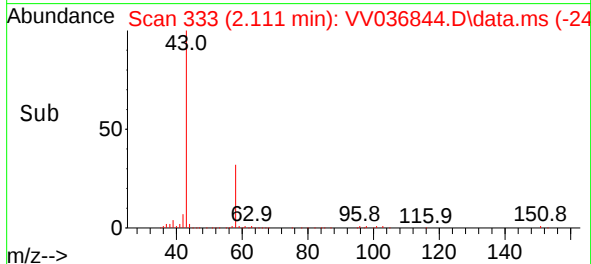
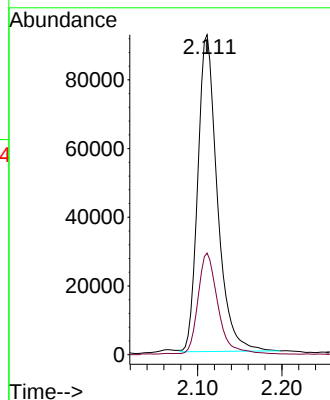
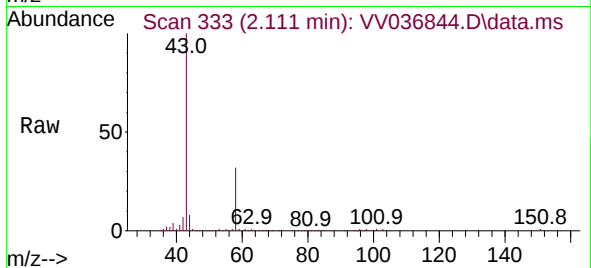
ClientSampleId :

Tgt Ion: 43 Resp: 148717

Ion Ratio Lower Upper

43 100

58 32.5 0.0 63.4



#14

Carbon disulfide

Concen: 49.138 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV036844.D

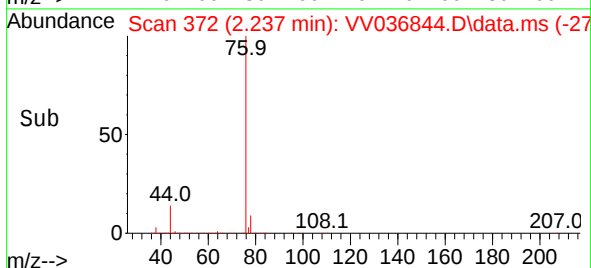
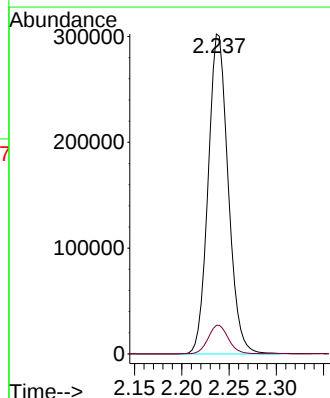
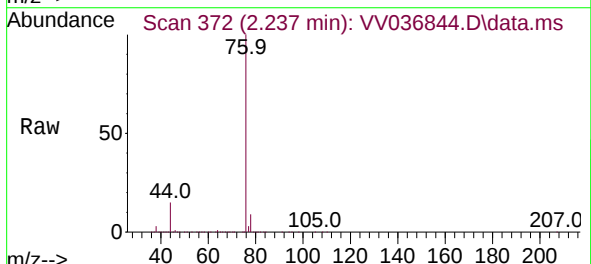
Acq: 08 Aug 2024 10:41

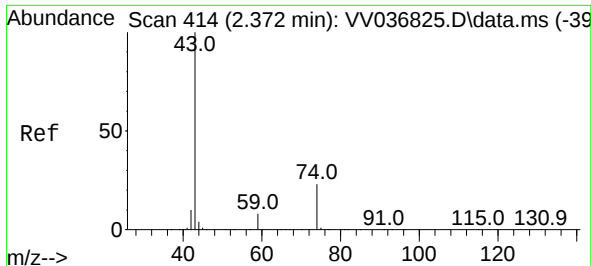
Tgt Ion: 76 Resp: 446153

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 42.757 ug/L

RT: 2.372 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

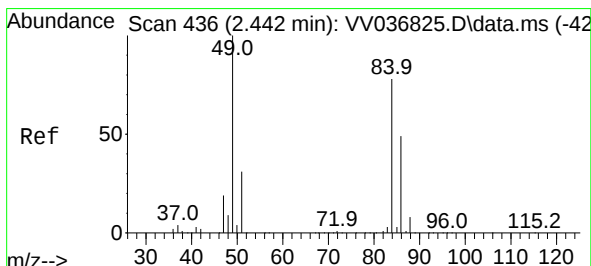
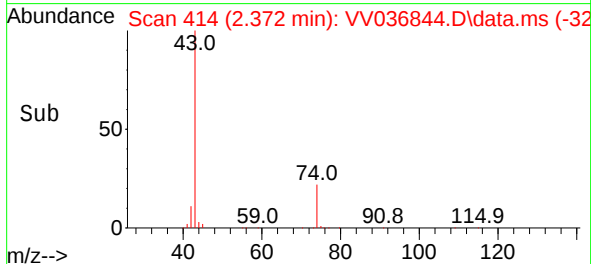
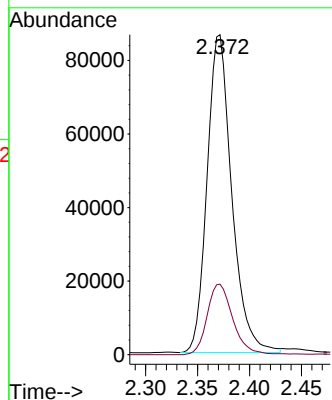
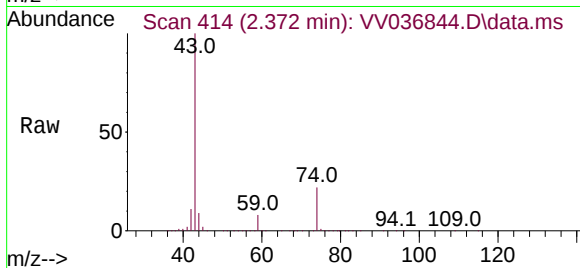
ClientSampleId :

Tgt Ion: 43 Resp: 142701

Ion Ratio Lower Upper

43 100

74 23.0 19.0 28.4



#16

Methylene chloride

Concen: 51.401 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

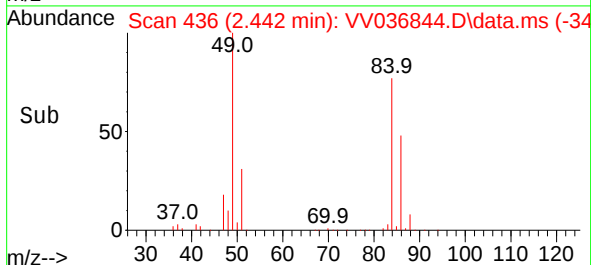
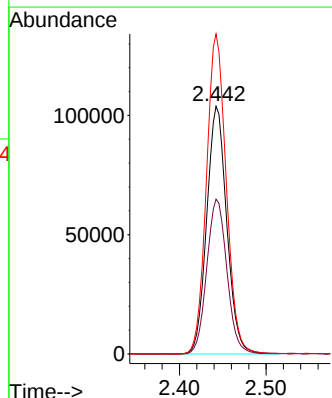
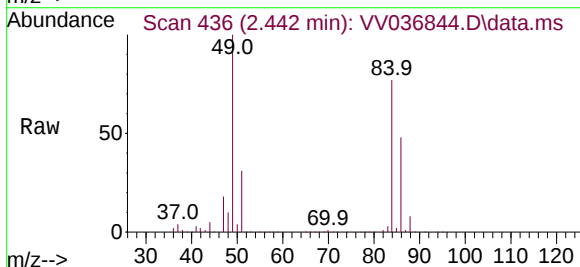
Tgt Ion: 84 Resp: 167025

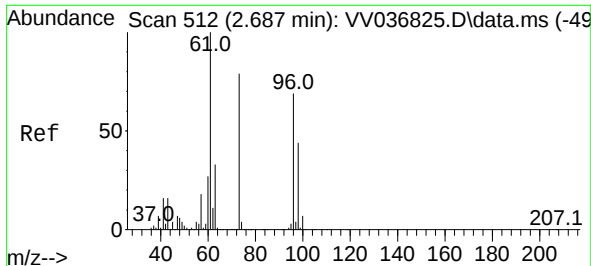
Ion Ratio Lower Upper

84 100

86 62.5 44.3 82.3

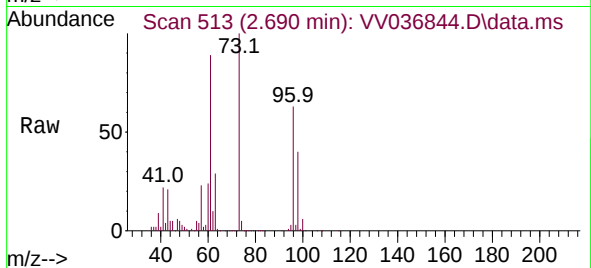
49 129.2 91.1 169.1



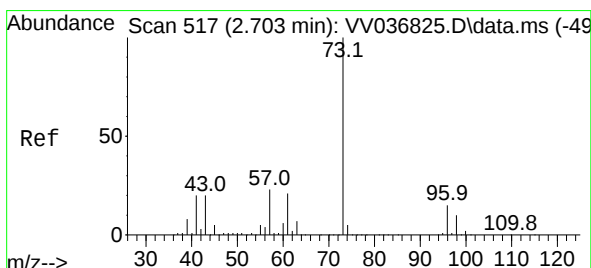
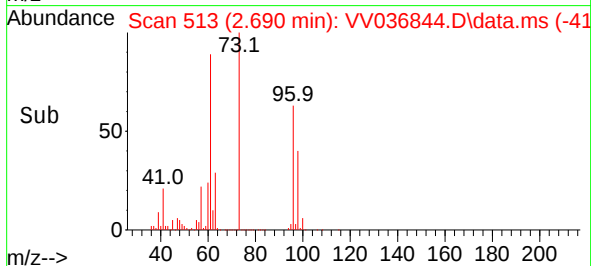
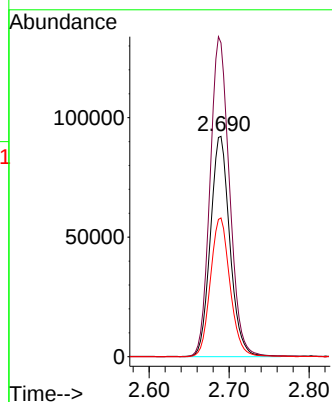


#17
trans-1,2-Dichloroethene
Concen: 52.074 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :

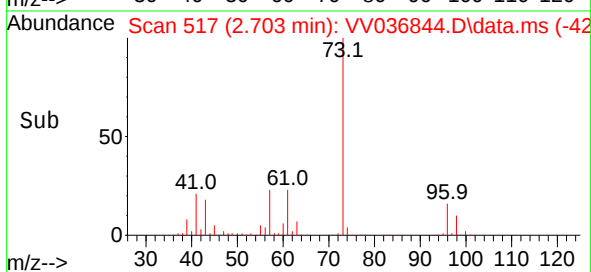
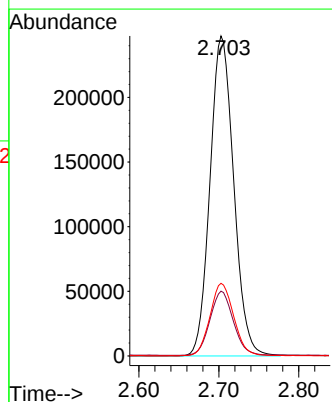
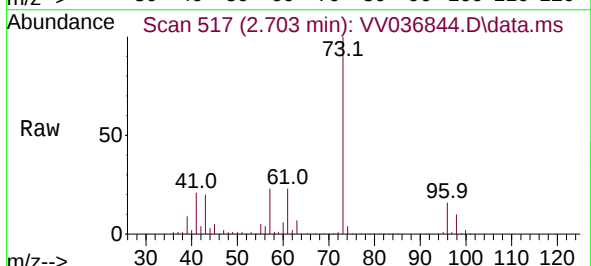


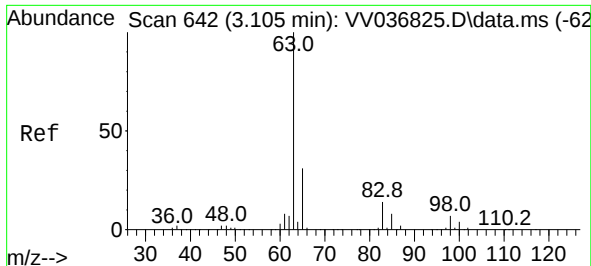
Tgt Ion: 96 Resp: 155908
Ion Ratio Lower Upper
96 100
61 142.4 100.0 185.8
98 63.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 48.292 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

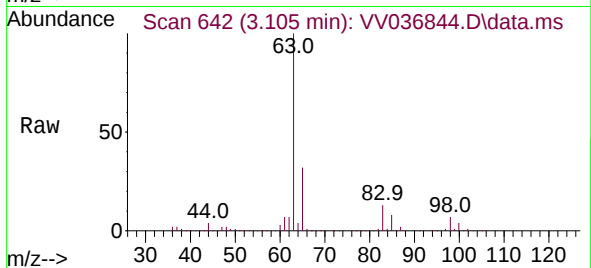
Tgt Ion: 73 Resp: 509228
Ion Ratio Lower Upper
73 100
43 19.8 16.1 24.1
57 22.6 17.9 26.9



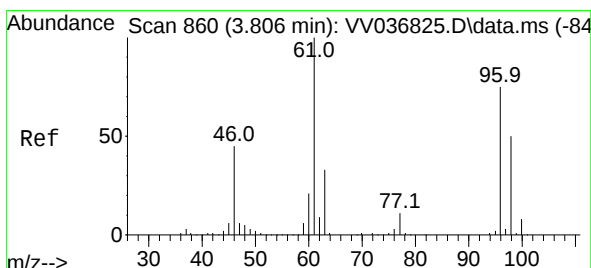
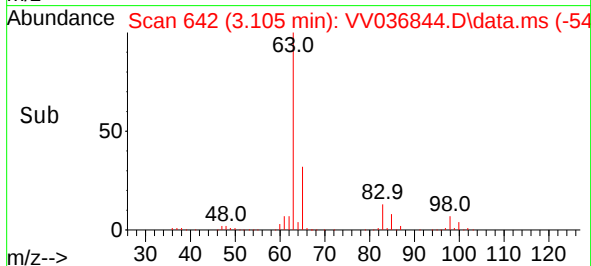
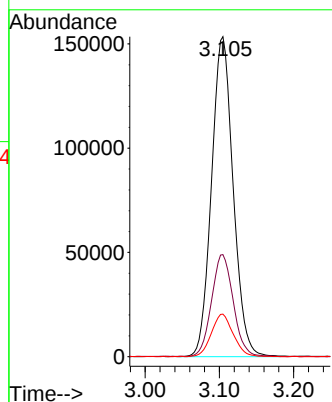


#19
1,1-Dichloroethane
Concen: 51.387 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :

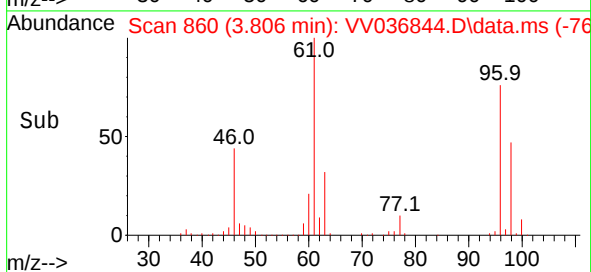
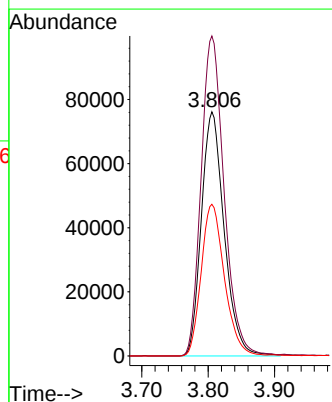
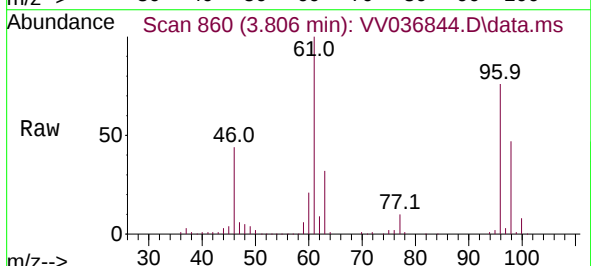


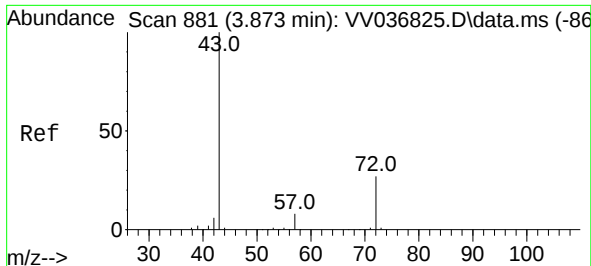
Tgt Ion: 63 Resp: 310834
Ion Ratio Lower Upper
63 100
65 31.9 23.2 43.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.845 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion: 96 Resp: 182190
Ion Ratio Lower Upper
96 100
61 131.1 93.9 174.5
98 62.1 46.0 85.4

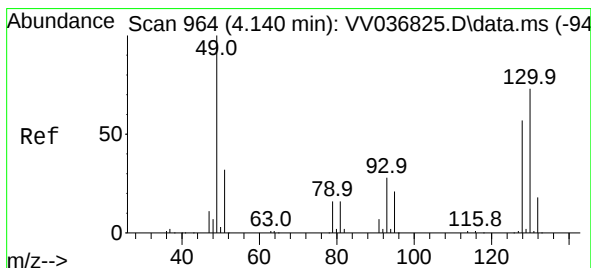
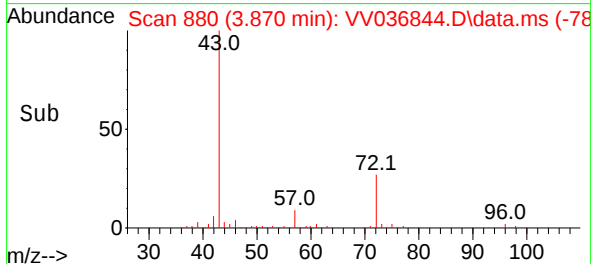
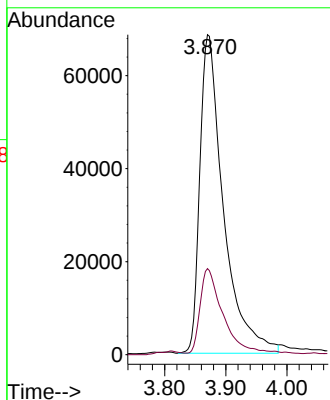
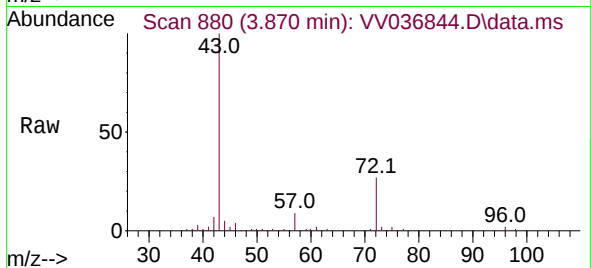




#22
2-Butanone
Concen: 84.510 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

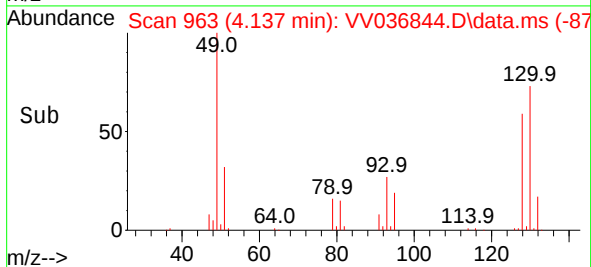
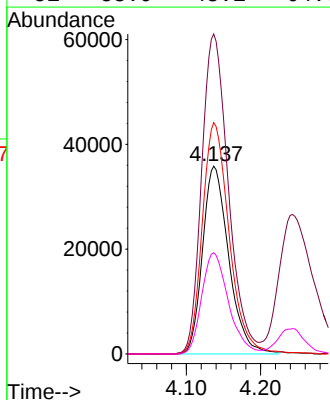
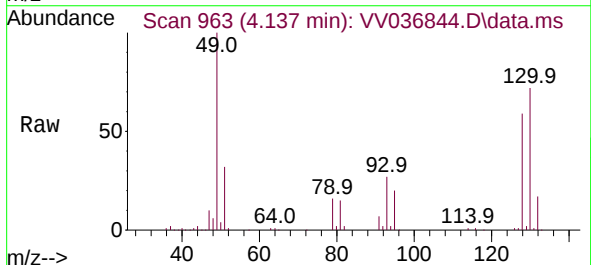
Instrument :
MSVOA_V
ClientSampleId :

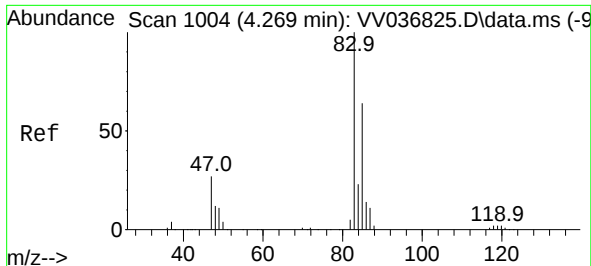
Tgt Ion: 43 Resp: 183418
Ion Ratio Lower Upper
43 100
72 24.7 12.5 37.5



#23
Bromochloromethane
Concen: 51.404 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion: 128 Resp: 87747
Ion Ratio Lower Upper
128 100
49 170.3 120.0 223.0
130 123.1 87.0 161.6
51 53.9 43.1 64.7





#25

Chloroform

Concen: 50.934 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

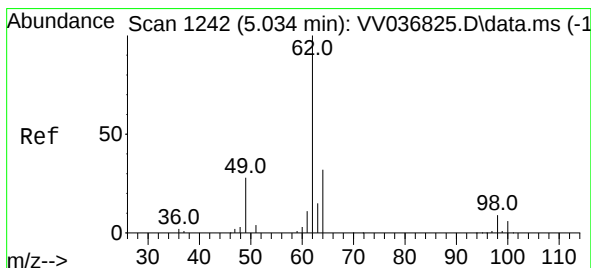
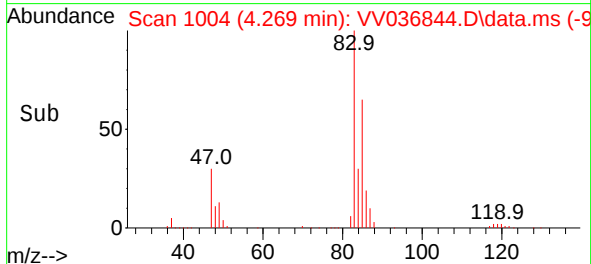
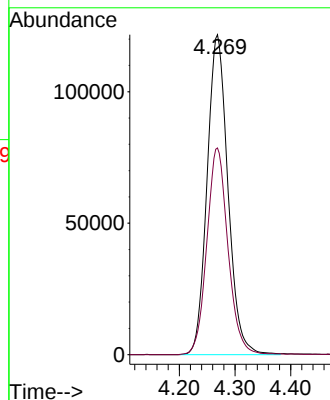
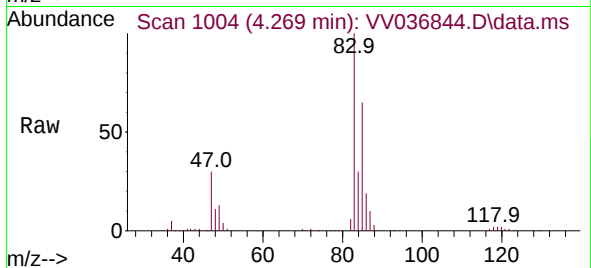
ClientSampleId :

Tgt Ion: 83 Resp: 316443

Ion Ratio Lower Upper

83 100

85 64.6 46.0 85.4



#27

1,2-Dichloroethane

Concen: 49.645 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV036844.D

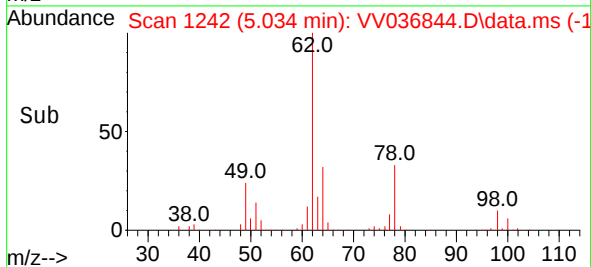
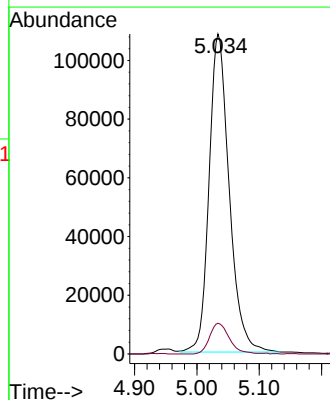
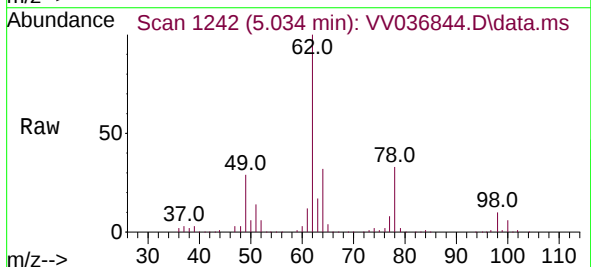
Acq: 08 Aug 2024 10:41

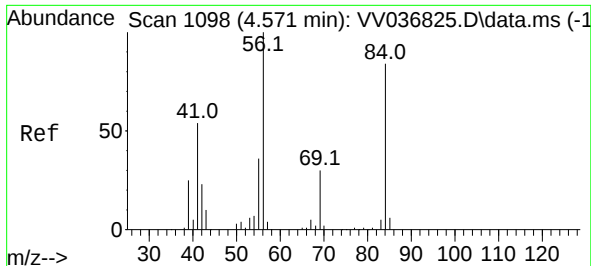
Tgt Ion: 62 Resp: 243291

Ion Ratio Lower Upper

62 100

98 9.6 7.5 11.3





#29

Cyclohexane

Concen: 52.222 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

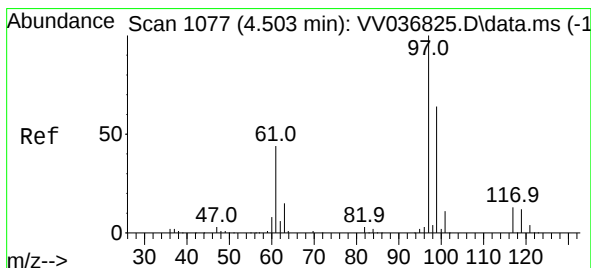
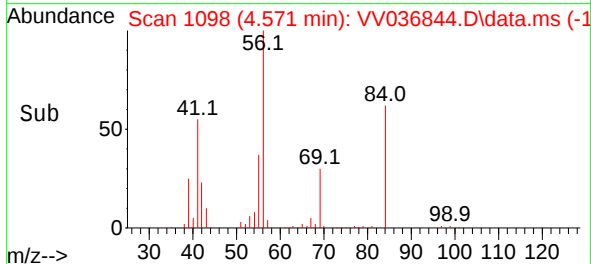
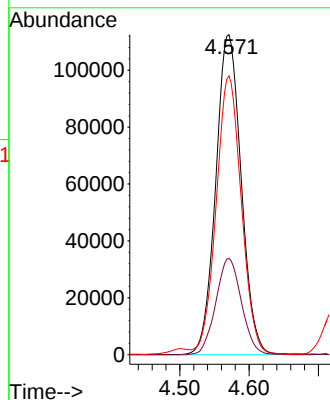
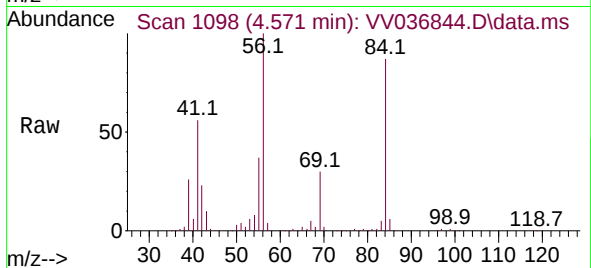
Tgt Ion: 56 Resp: 287096

Ion Ratio Lower Upper

56 100

69 30.3 24.7 37.1

84 85.9 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 50.214 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

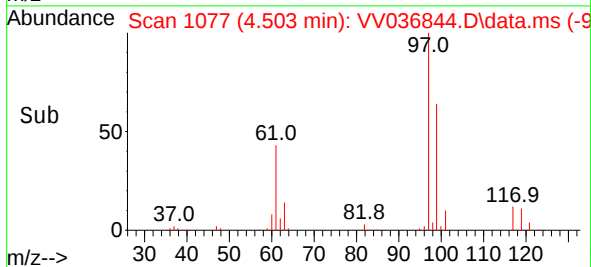
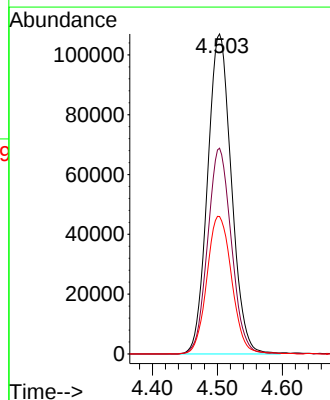
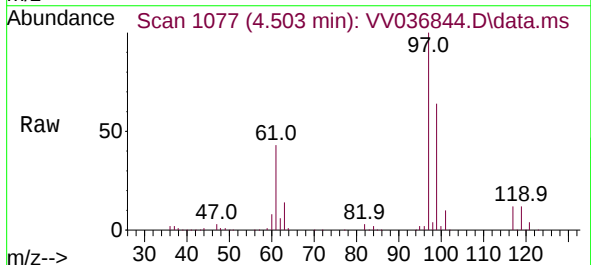
Tgt Ion: 97 Resp: 272970

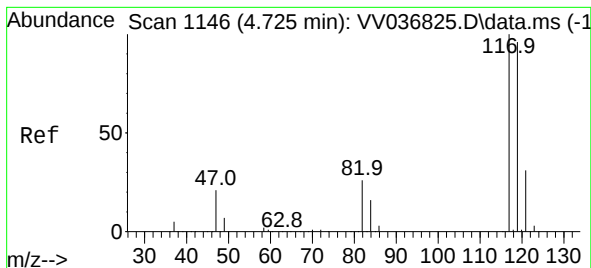
Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 44.7 36.0 54.0





#31

Carbon tetrachloride

Concen: 50.218 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

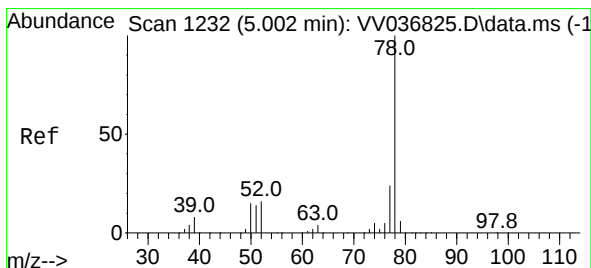
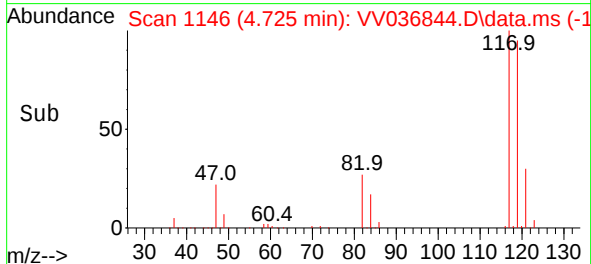
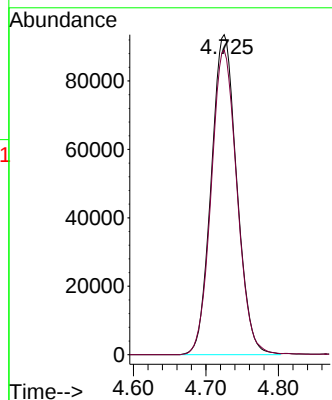
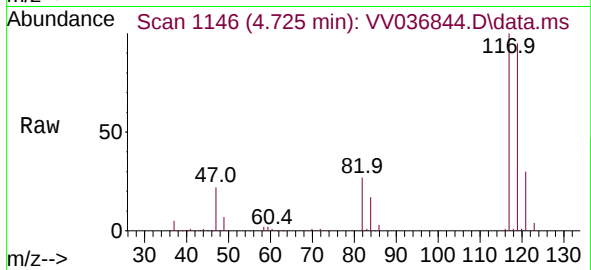
ClientSampleId :

Tgt Ion:117 Resp: 229262

Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1



#33

Benzene

Concen: 52.328 ug/L

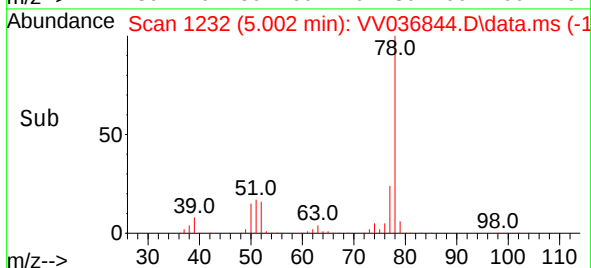
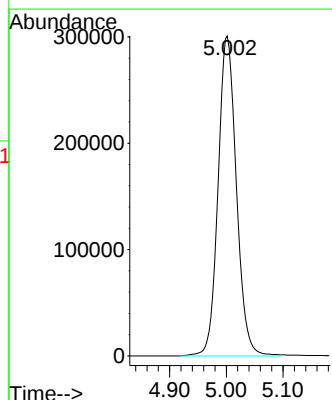
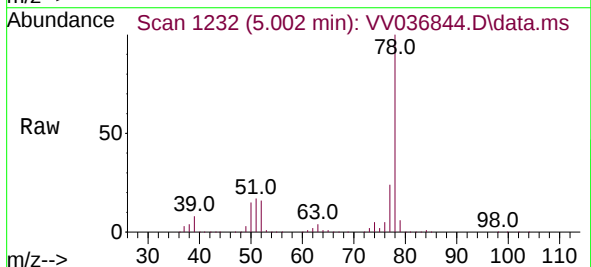
RT: 5.002 min Scan# 1232

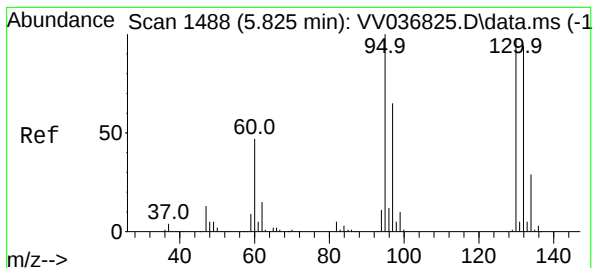
Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Tgt Ion: 78 Resp: 675325





#34

Trichloroethene

Concen: 49.812 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 186308

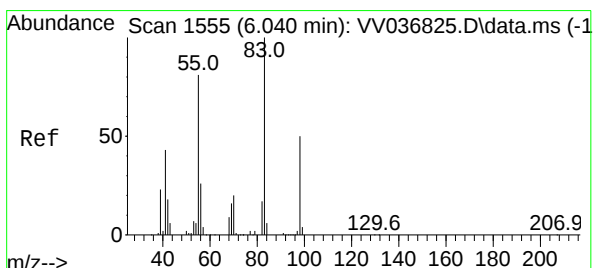
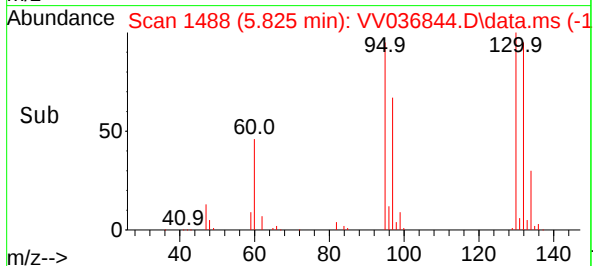
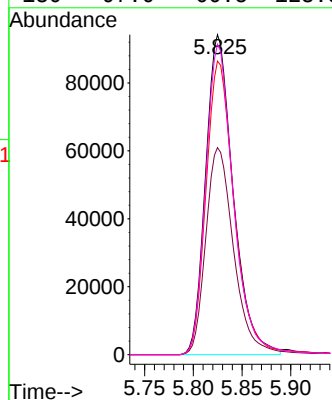
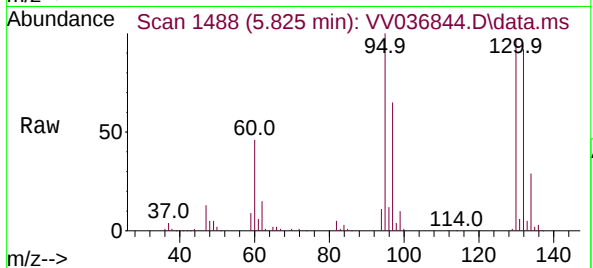
Ion Ratio Lower Upper

95 100

97 64.7 44.7 82.9

132 91.7 62.9 116.9

130 97.0 66.5 123.5



#35

Methylcyclohexane

Concen: 51.652 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

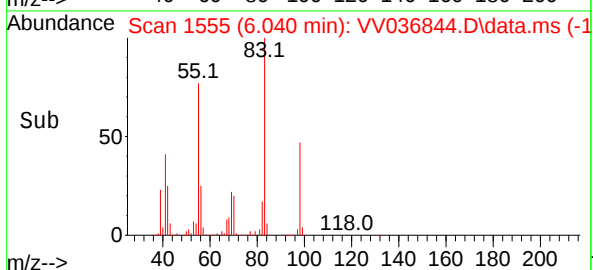
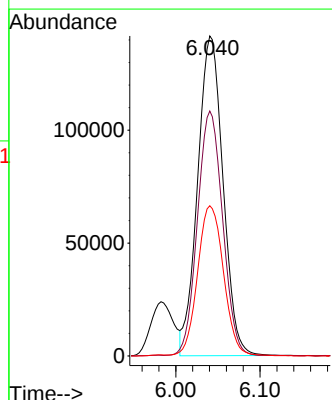
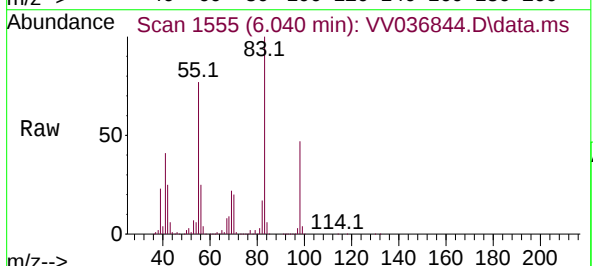
Tgt Ion: 83 Resp: 296449

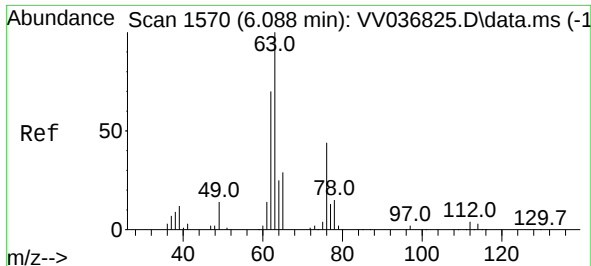
Ion Ratio Lower Upper

83 100

55 76.0 62.3 93.5

98 48.0 38.7 58.1

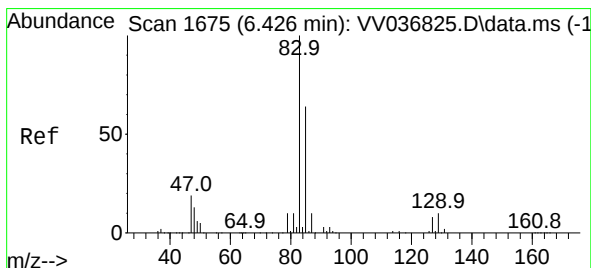
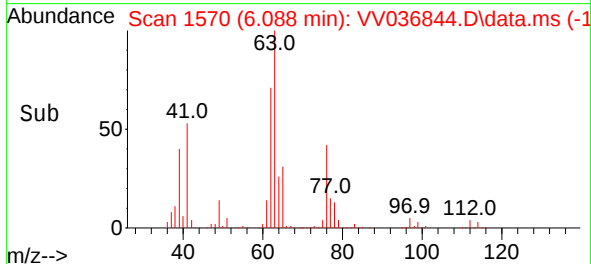
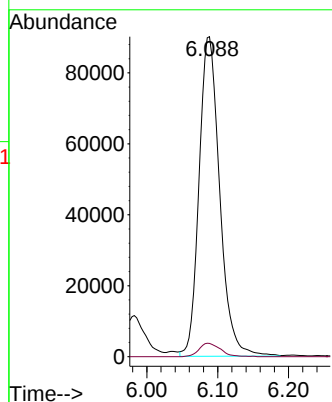
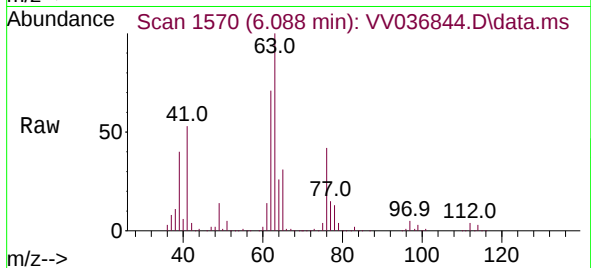




#37
1,2-Dichloropropane
Concen: 53.352 ug/L
RT: 6.088 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

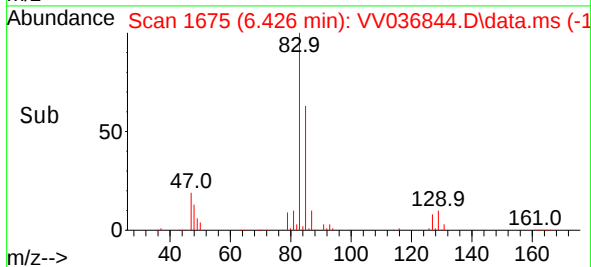
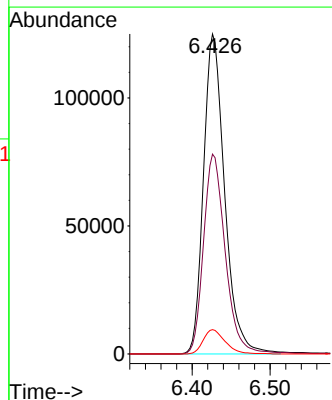
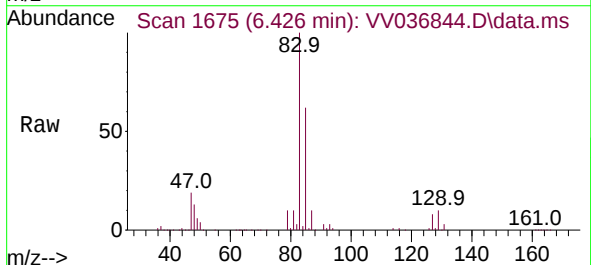
Instrument :
MSVOA_V
ClientSampleId :

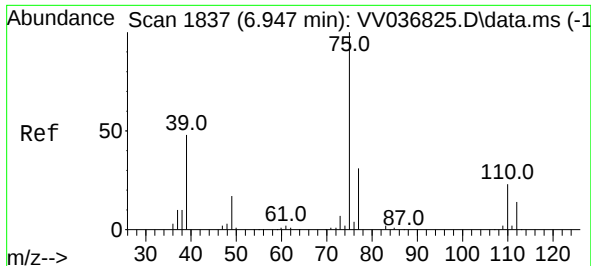
Tgt Ion: 63 Resp: 182400
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 50.145 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion: 83 Resp: 236080
Ion Ratio Lower Upper
83 100
85 62.5 44.7 83.1
127 7.6 6.2 9.4

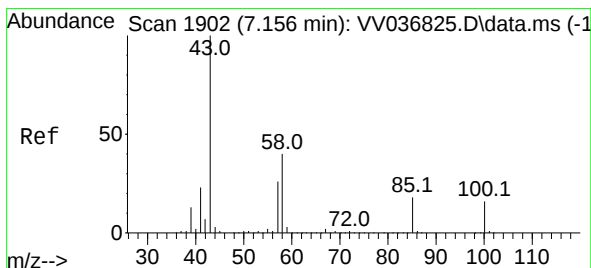
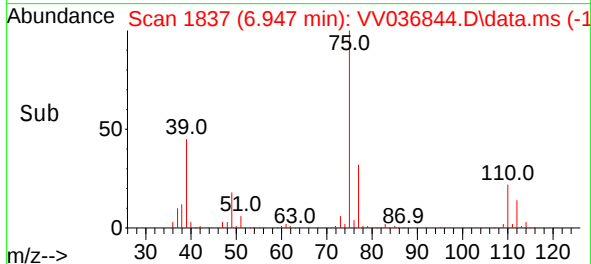
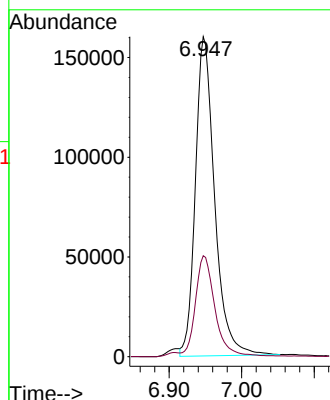
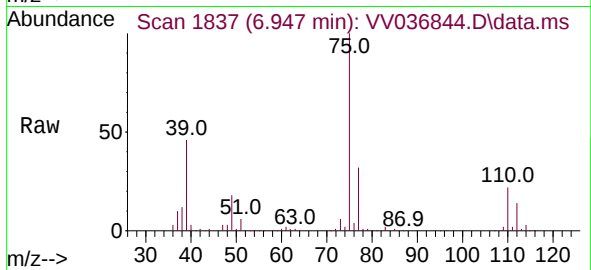




#39
 cis-1,3-Dichloropropene
 Concen: 50.299 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV036844.D
 Acq: 08 Aug 2024 10:41

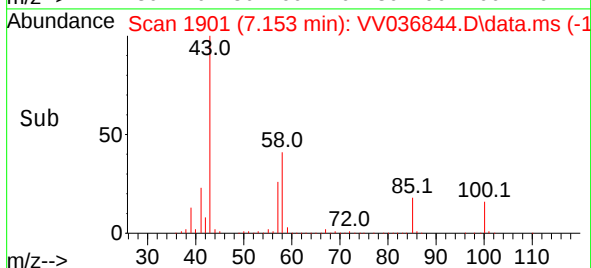
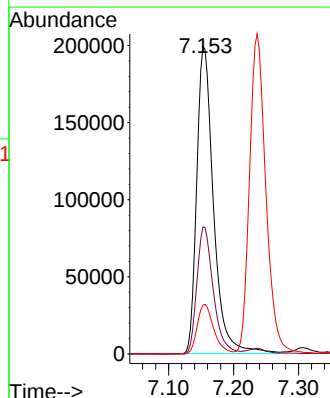
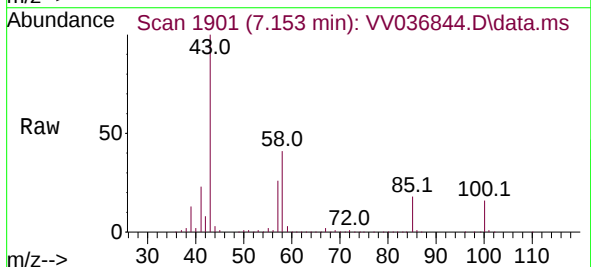
Instrument :
 MSVOA_V
 ClientSampleId :

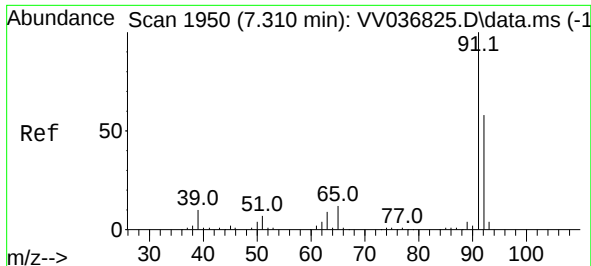
Tgt Ion: 75 Resp: 294507
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 84.936 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.003 min
 Lab File: VV036844.D
 Acq: 08 Aug 2024 10:41

Tgt Ion: 43 Resp: 359710
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.3 46.9
 100 15.9 12.6 18.8





#42

Toluene

Concen: 51.938 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

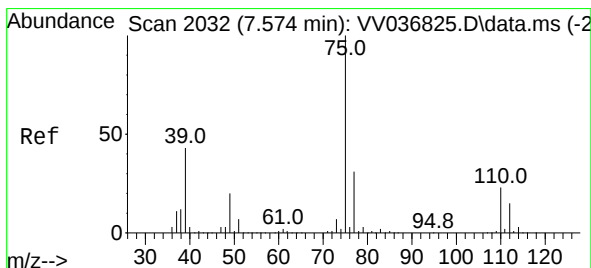
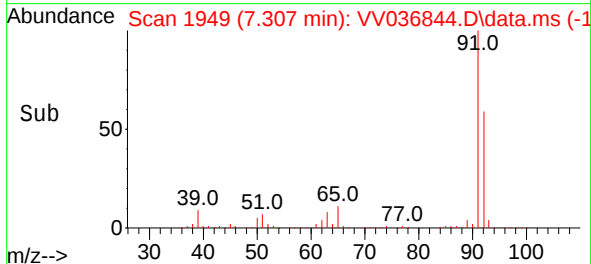
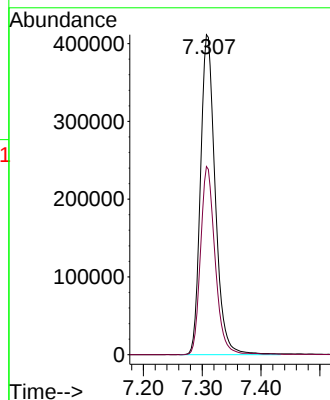
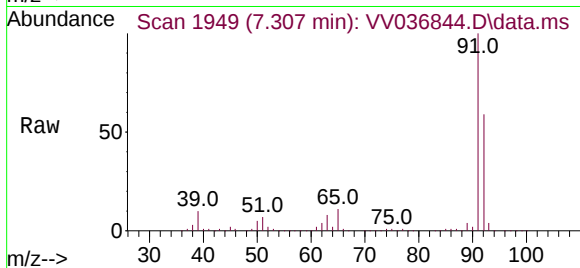
ClientSampleId :

Tgt Ion: 91 Resp: 713947

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.095 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV036844.D

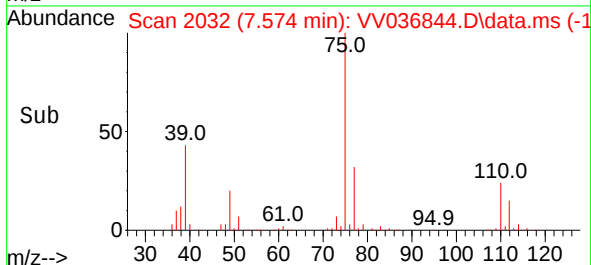
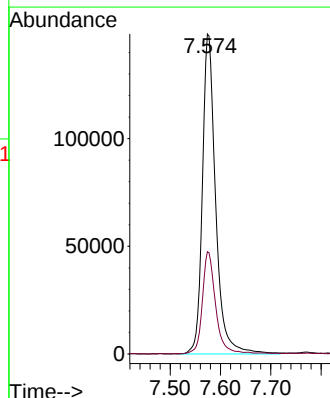
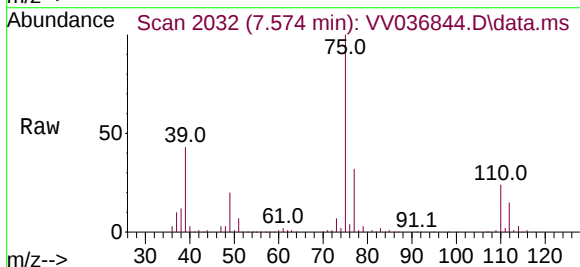
Acq: 08 Aug 2024 10:41

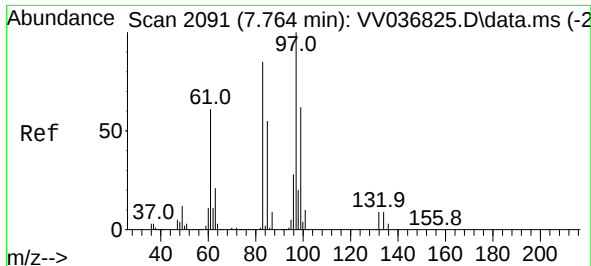
Tgt Ion: 75 Resp: 273318

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 49.381 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 163492

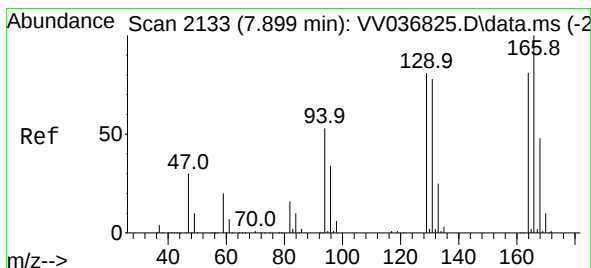
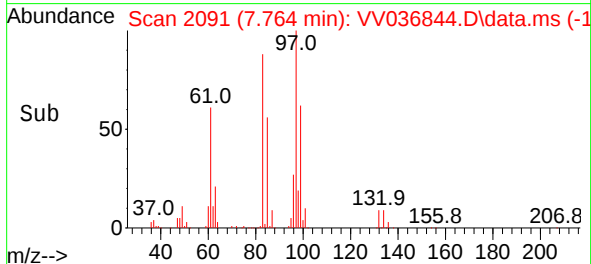
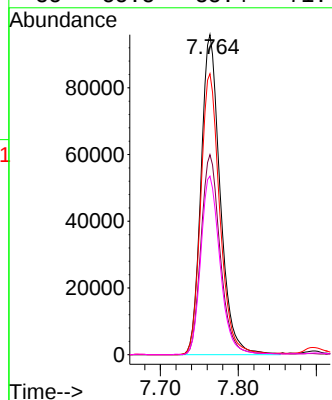
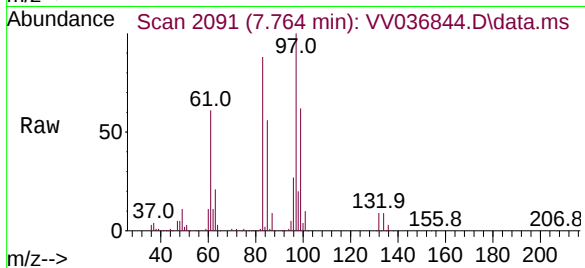
Ion Ratio Lower Upper

97 100

99 62.5 44.0 81.6

83 87.8 60.1 111.5

85 55.8 38.4 71.4



#46

Tetrachloroethene

Concen: 52.132 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Tgt Ion: 164 Resp: 127898

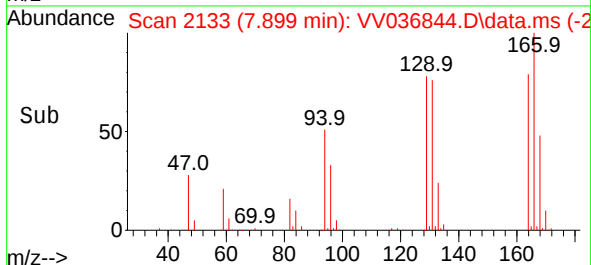
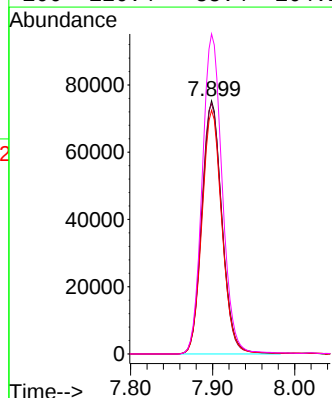
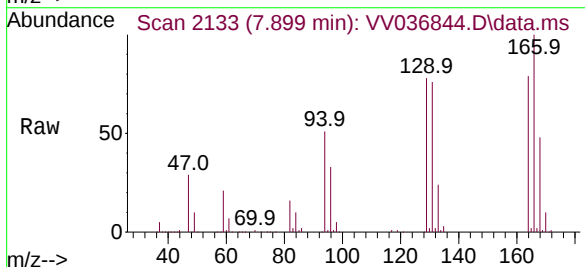
Ion Ratio Lower Upper

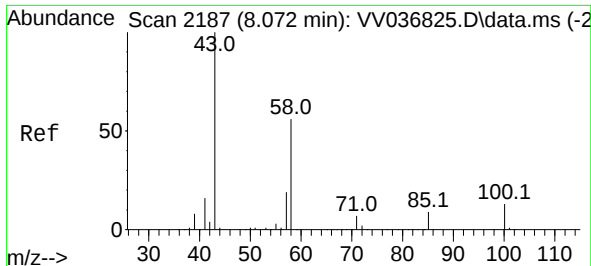
164 100

129 99.0 70.4 130.8

131 96.2 67.7 125.7

166 126.4 88.4 164.2





#48

2-Hexanone

Concen: 86.293 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

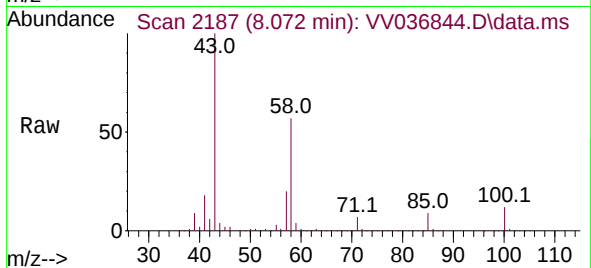
Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 268857

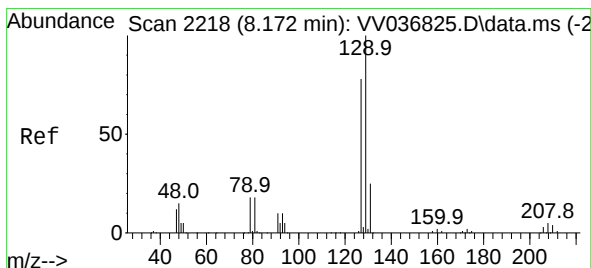
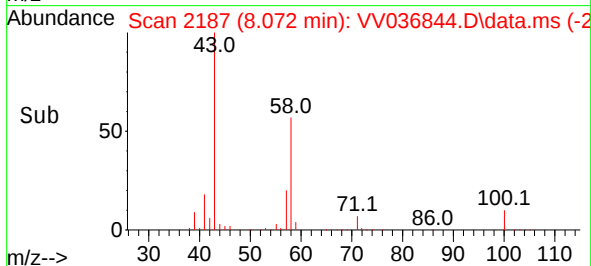
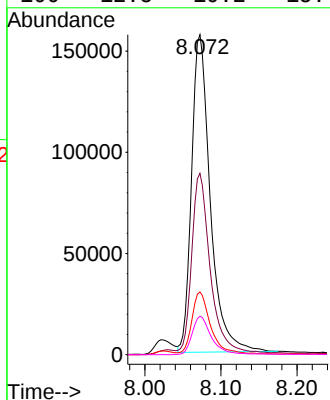
Ion Ratio Lower Upper

43 100

58 56.1 44.7 67.1

57 18.8 15.0 22.4

100 12.5 10.2 15.4



#49

Dibromochloromethane

Concen: 49.089 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min

Lab File: VV036844.D

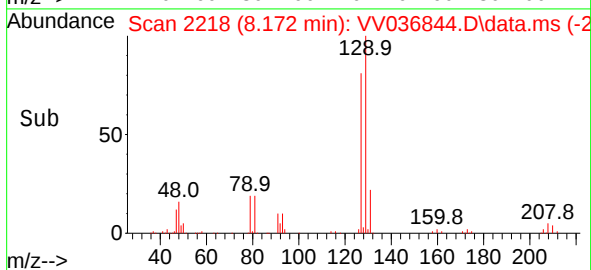
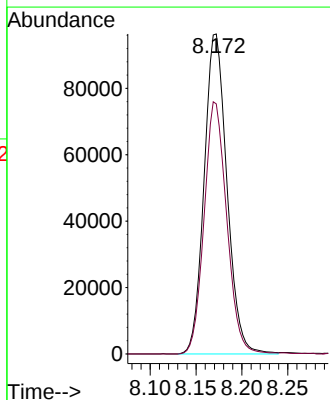
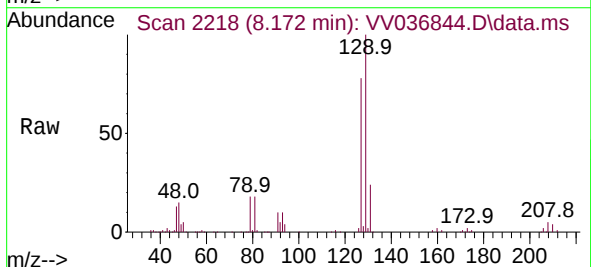
Acq: 08 Aug 2024 10:41

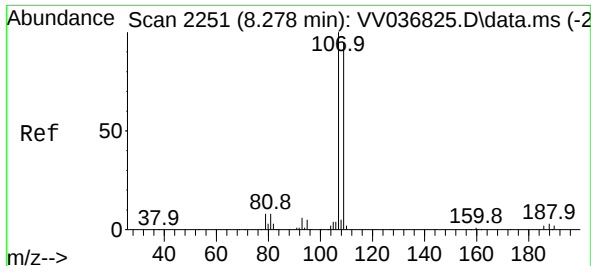
Tgt Ion:129 Resp: 167015

Ion Ratio Lower Upper

129 100

127 78.2 55.4 102.8





#50

1,2-Dibromoethane

Concen: 48.923 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

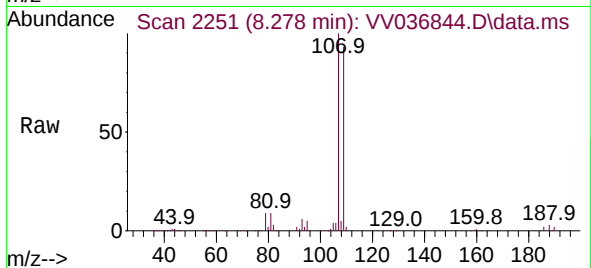
Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :



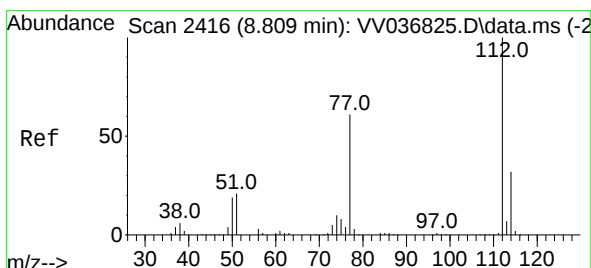
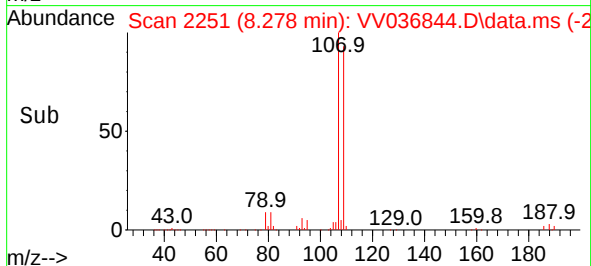
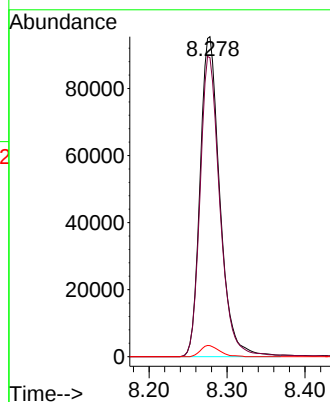
Tgt Ion:107 Resp: 168058

Ion Ratio Lower Upper

107 100

109 93.4 64.7 120.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 51.986 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

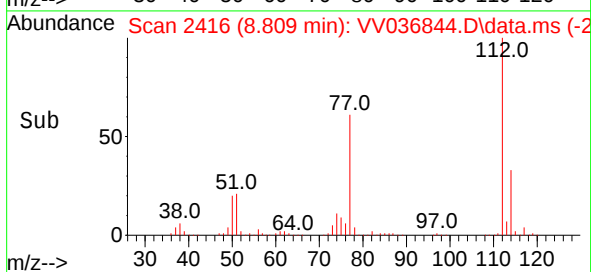
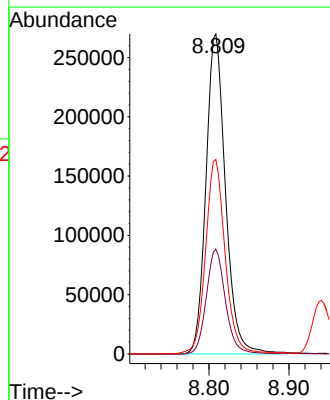
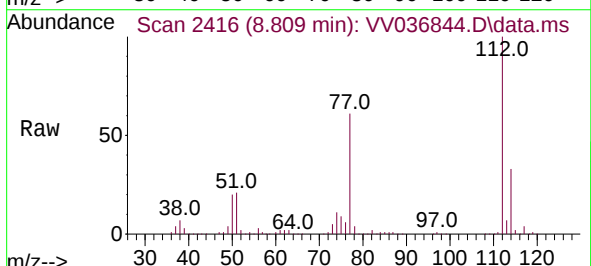
Tgt Ion:112 Resp: 458519

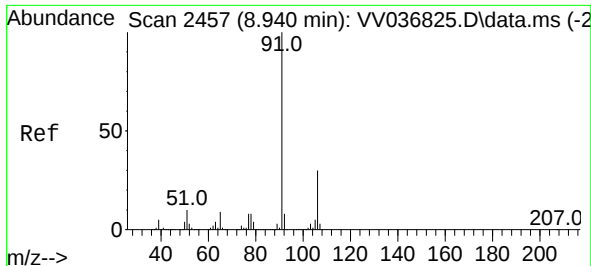
Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

77 60.8 48.9 73.3





#52

Ethylbenzene

Concen: 52.083 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

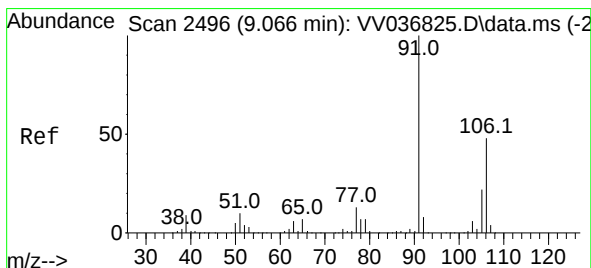
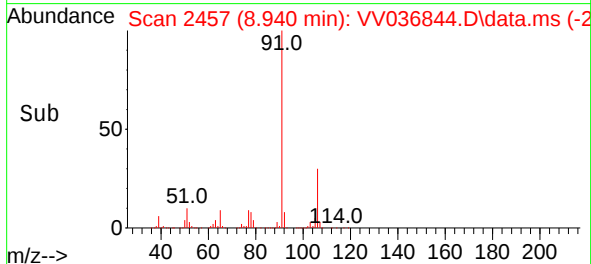
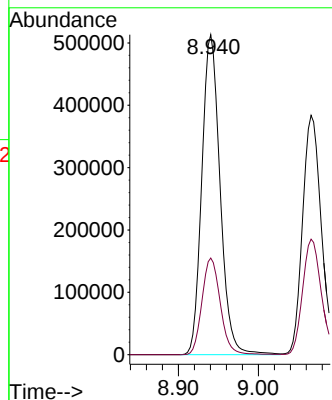
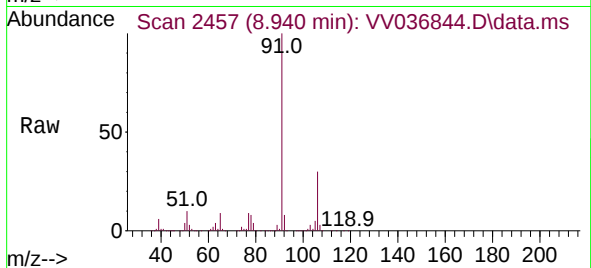
ClientSampleId :

Tgt Ion: 91 Resp: 817471

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.1



#53

m,p-Xylene

Concen: 51.636 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV036844.D

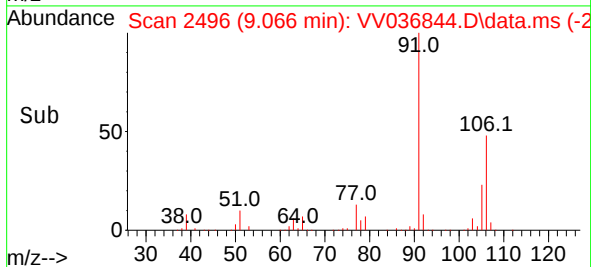
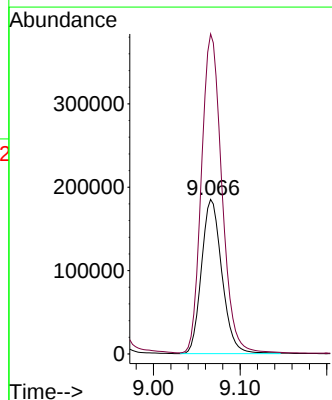
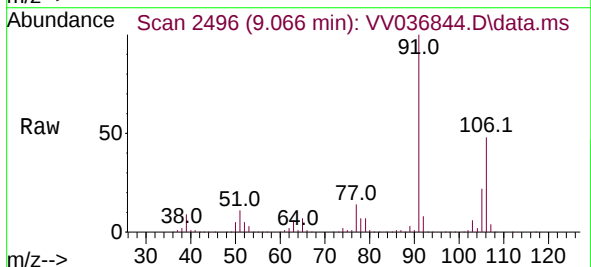
Acq: 08 Aug 2024 10:41

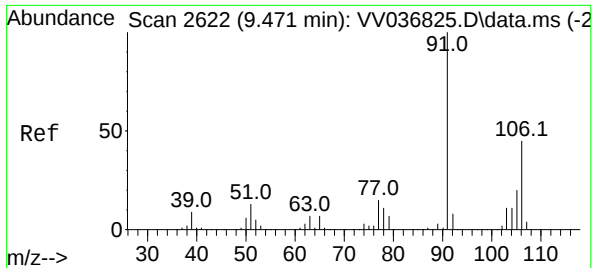
Tgt Ion:106 Resp: 302944

Ion Ratio Lower Upper

106 100

91 207.0 147.1 273.3

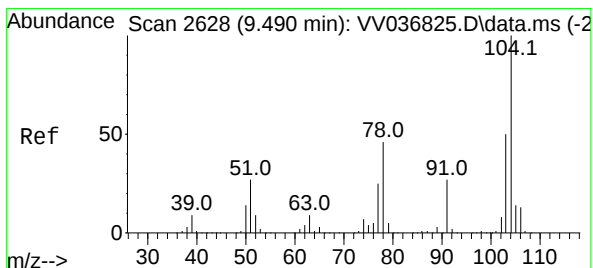
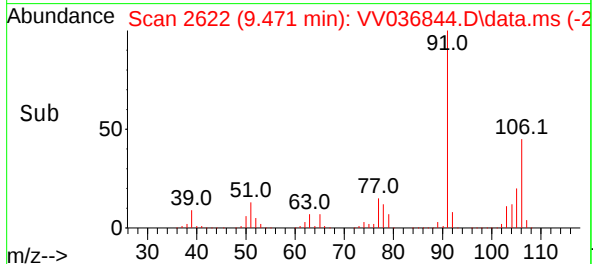
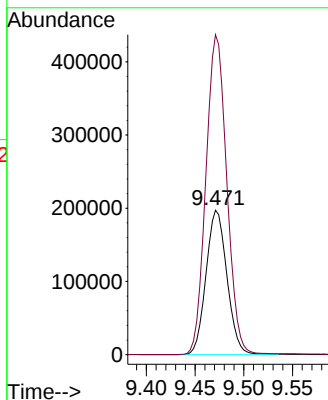
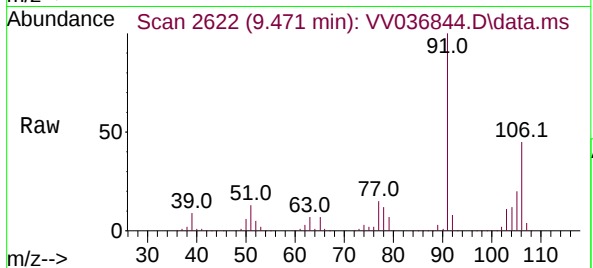




#54
o-Xylene
Concen: 51.478 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

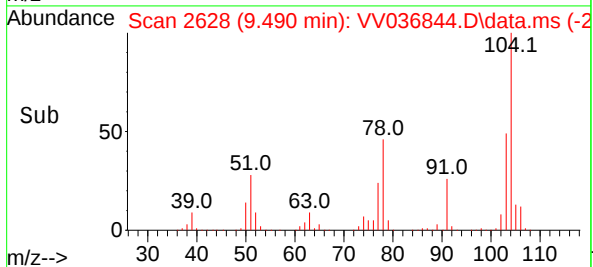
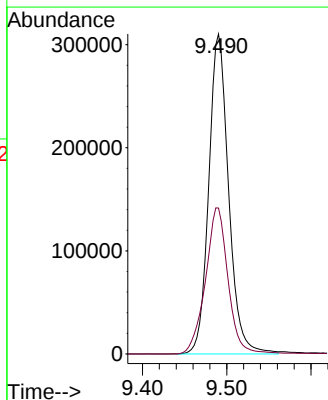
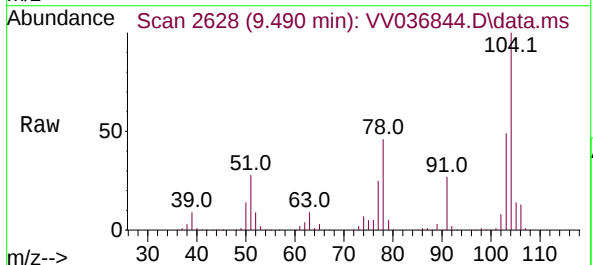
Instrument :
MSVOA_V
ClientSampleId :

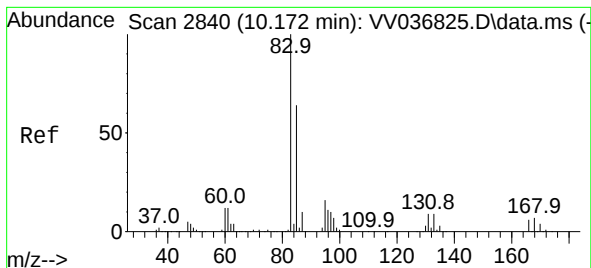
Tgt Ion:106 Resp: 295391
Ion Ratio Lower Upper
106 100
91 221.4 154.5 286.9



#55
Styrene
Concen: 51.773 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion:104 Resp: 509113
Ion Ratio Lower Upper
104 100
78 45.6 32.1 59.7

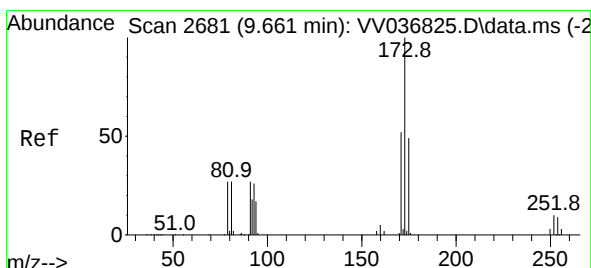
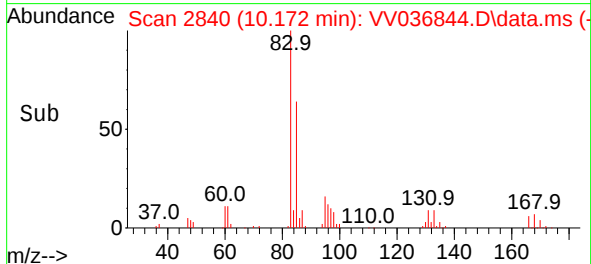
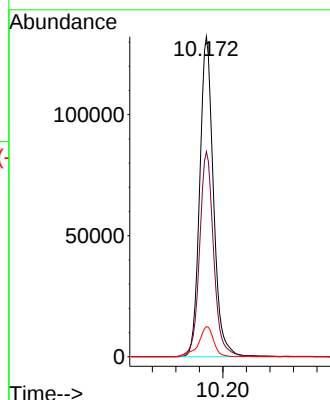
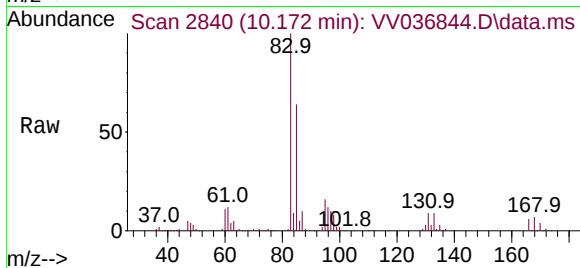




#57
1,1,2,2-Tetrachloroethane
Concen: 47.869 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

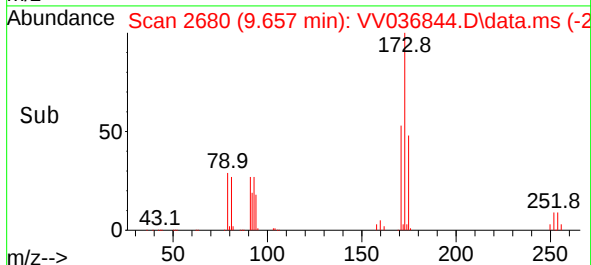
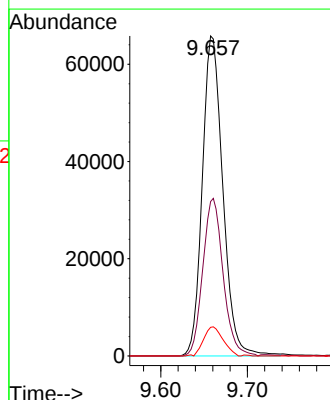
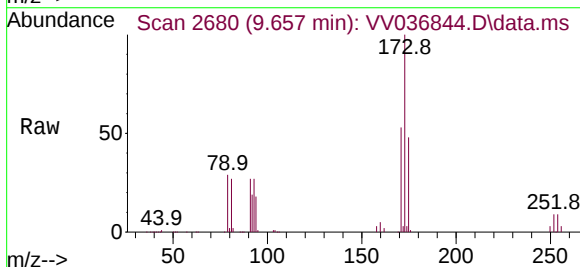
Instrument :
MSVOA_V
ClientSampleId :

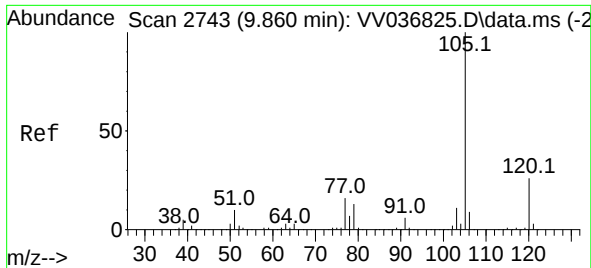
Tgt Ion: 83 Resp: 213850
Ion Ratio Lower Upper
83 100
85 64.1 44.7 83.1
131 9.4 7.2 10.8



#59
Bromoform
Concen: 44.942 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion: 173 Resp: 108587
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.8
254 8.6 6.8 10.2

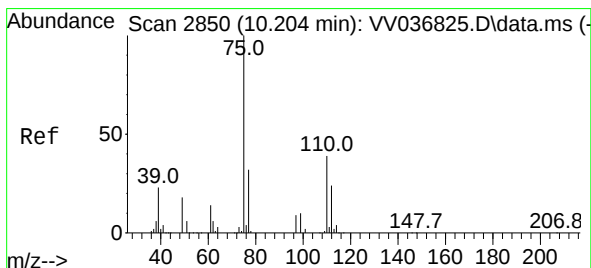
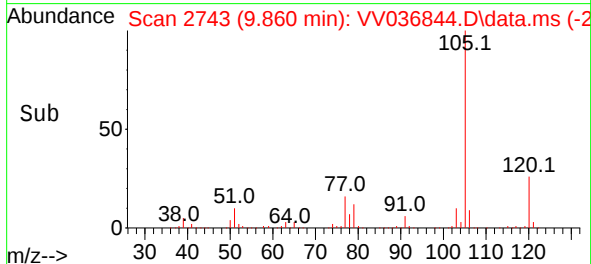
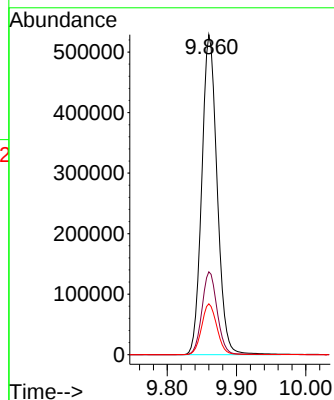
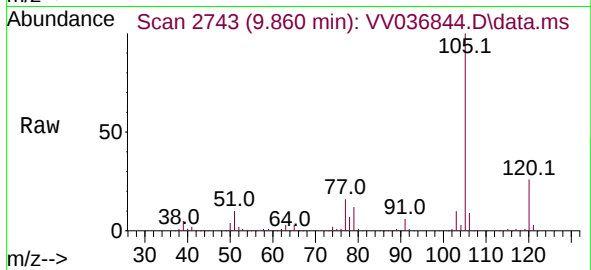




#60
Isopropylbenzene
Concen: 51.248 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

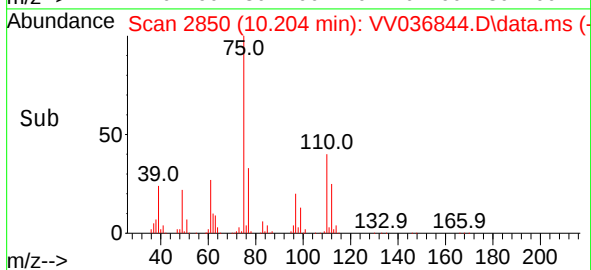
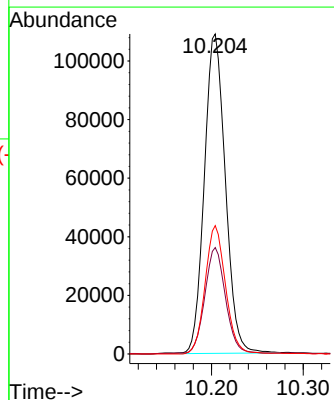
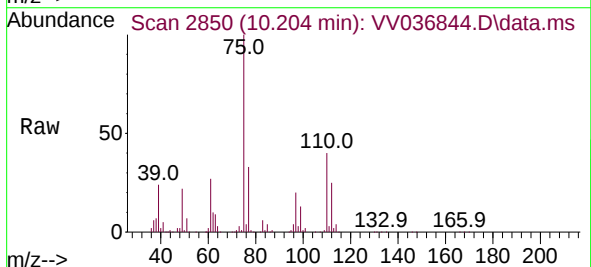
Instrument :
MSVOA_V
ClientSampleId :

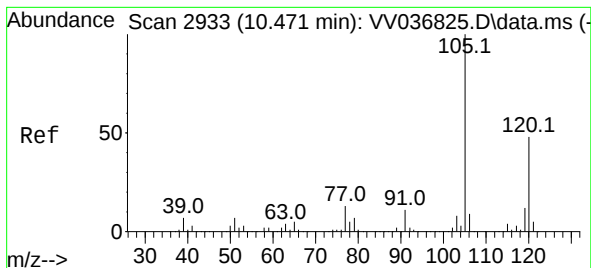
Tgt Ion:105 Resp: 814852
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 15.8 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 44.201 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion: 75 Resp: 173781
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 39.1 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 50.882 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

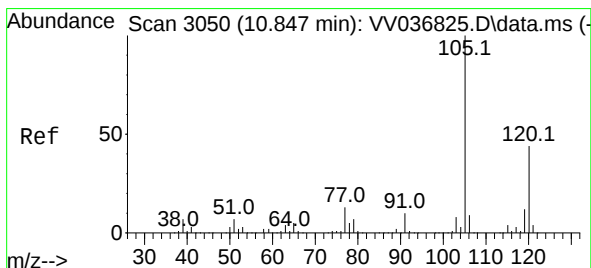
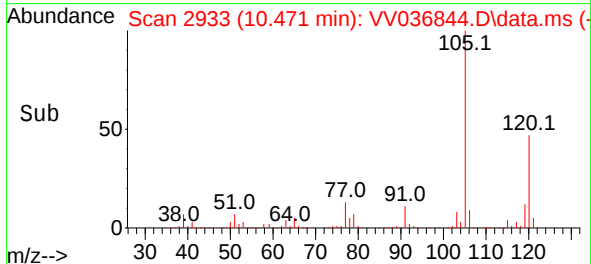
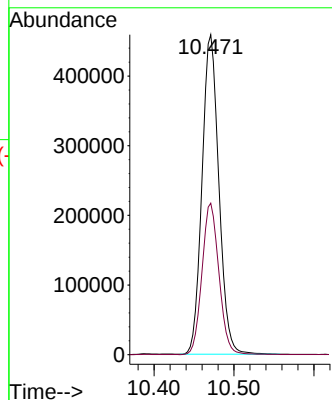
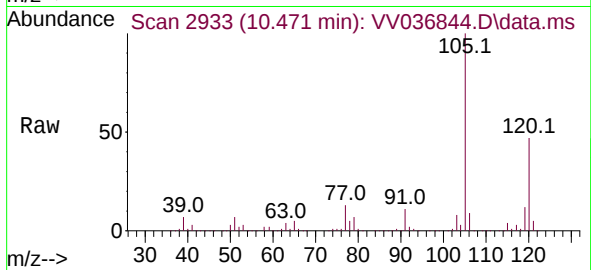
ClientSampleId :

Tgt Ion:105 Resp: 673558

Ion Ratio Lower Upper

105 100

120 47.8 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 50.885 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV036844.D

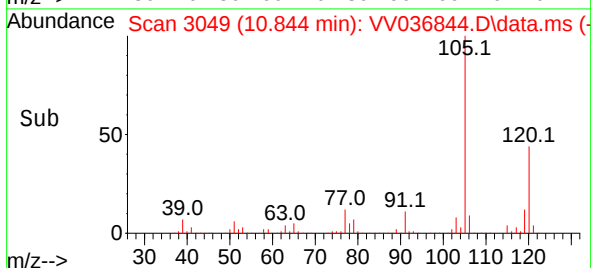
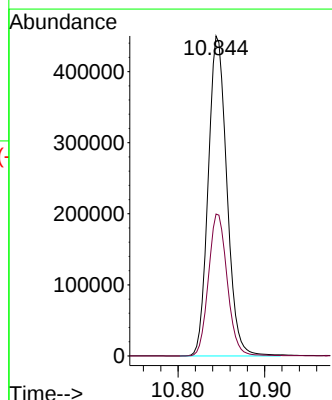
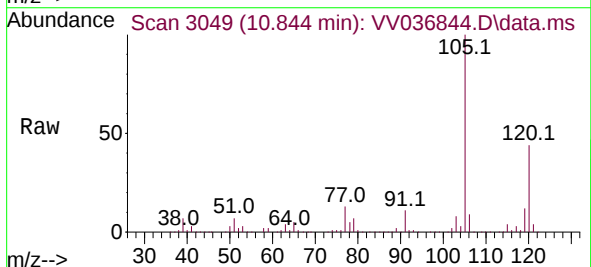
Acq: 08 Aug 2024 10:41

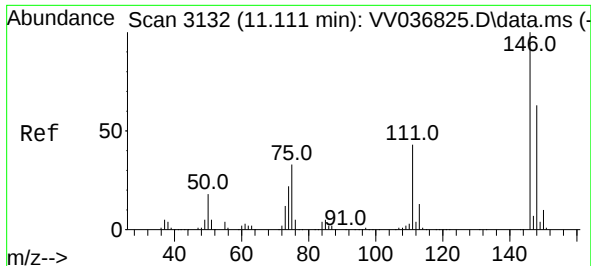
Tgt Ion:105 Resp: 674300

Ion Ratio Lower Upper

105 100

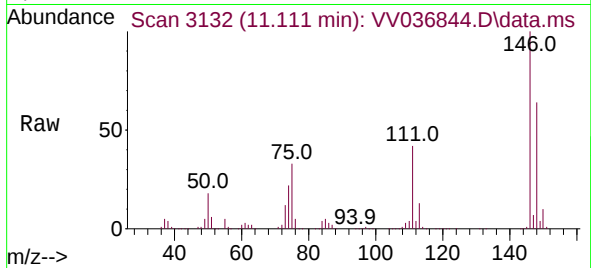
120 44.7 35.6 53.4



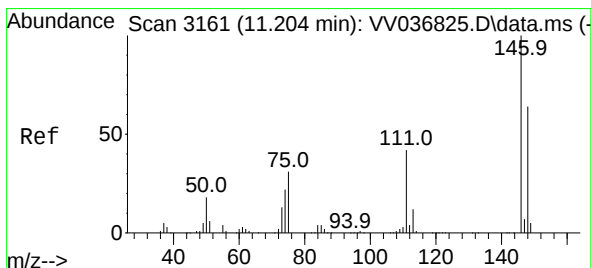
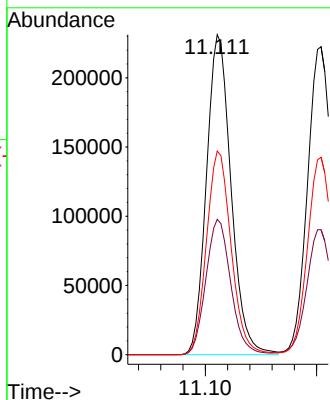
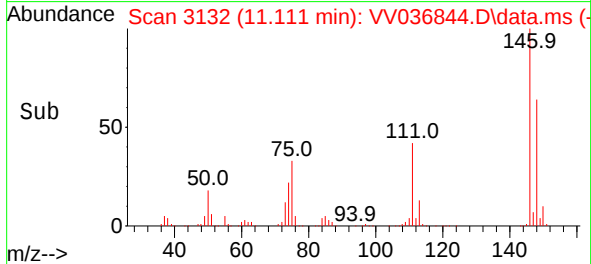


#64
1,3-Dichlorobenzene
Concen: 51.872 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

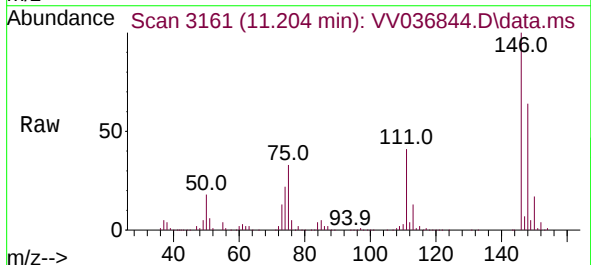
Instrument :
MSVOA_V
ClientSampleId :



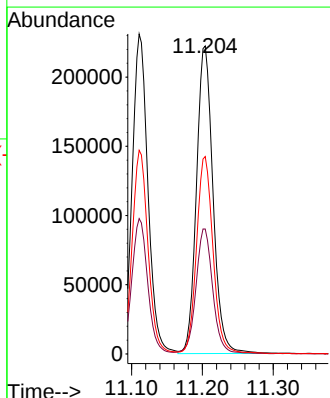
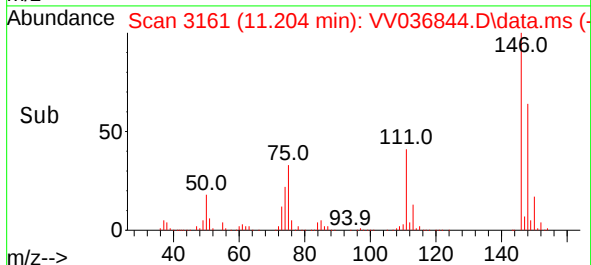
Tgt Ion:146 Resp: 354677
Ion Ratio Lower Upper
146 100
111 42.3 29.8 55.4
148 63.7 43.4 80.6

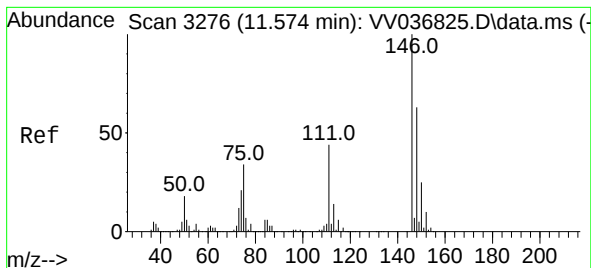


#65
1,4-Dichlorobenzene
Concen: 51.815 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41



Tgt Ion:146 Resp: 360275
Ion Ratio Lower Upper
146 100
111 40.6 29.0 53.9
148 64.1 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 51.372 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

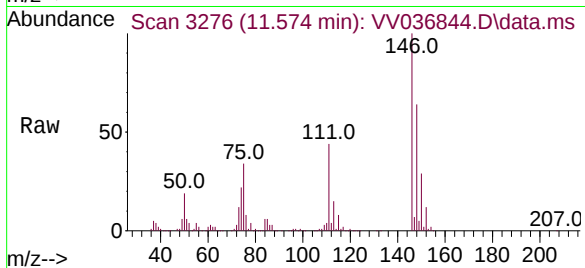
Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :



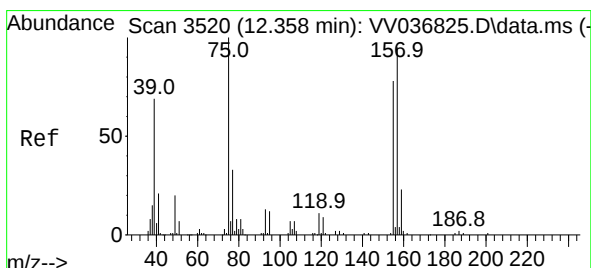
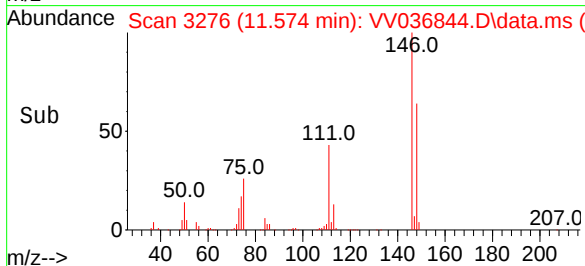
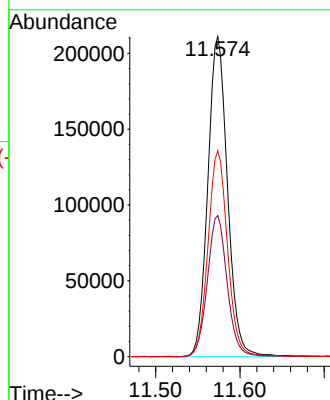
Tgt Ion:146 Resp: 343058

Ion Ratio Lower Upper

146 100

111 44.1 35.7 53.5

148 64.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 38.293 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

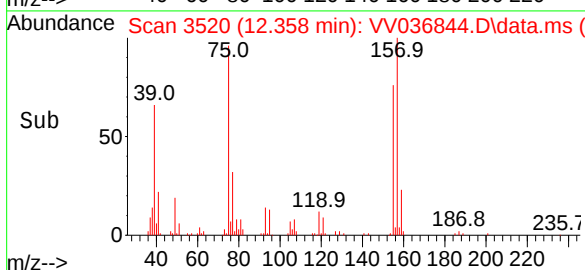
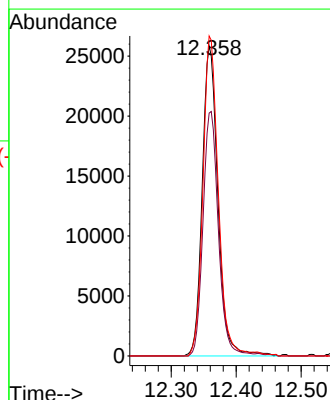
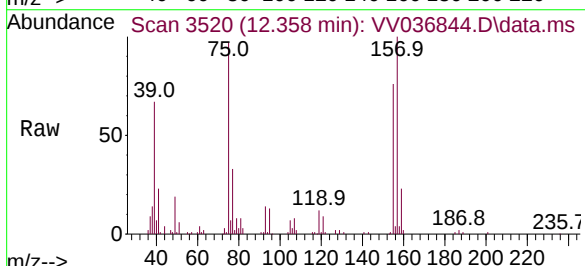
Tgt Ion: 75 Resp: 43507

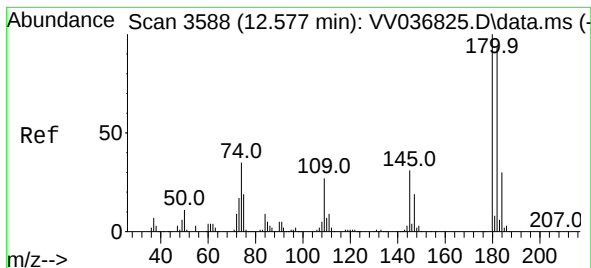
Ion Ratio Lower Upper

75 100

155 78.3 59.5 89.3

157 103.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 51.709 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

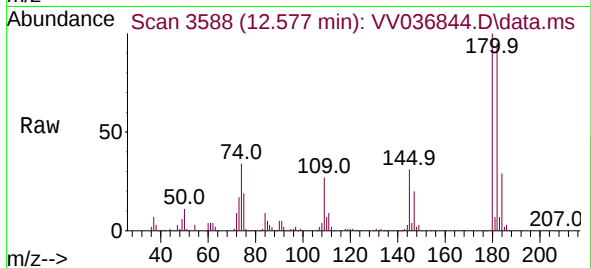
Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 250911

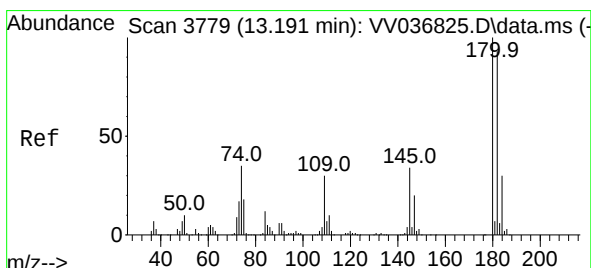
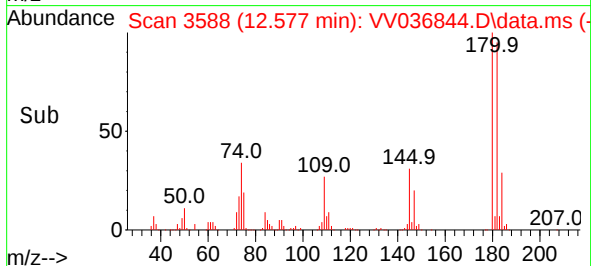
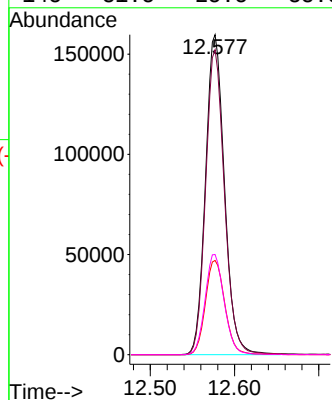
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

184 30.1 23.7 35.5

145 31.5 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 50.849 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV036844.D

Acq: 08 Aug 2024 10:41

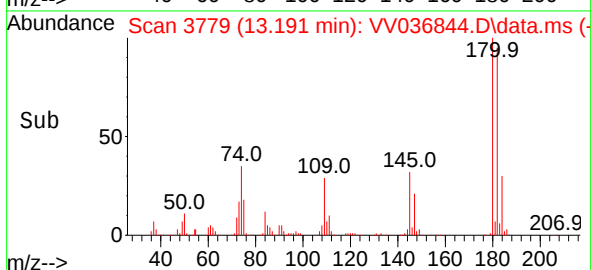
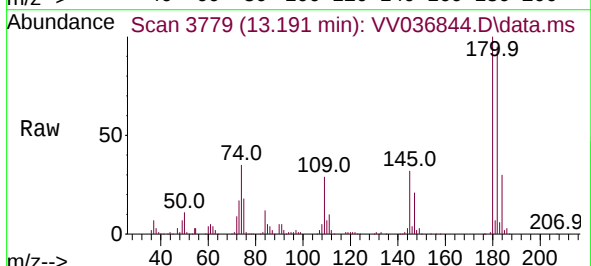
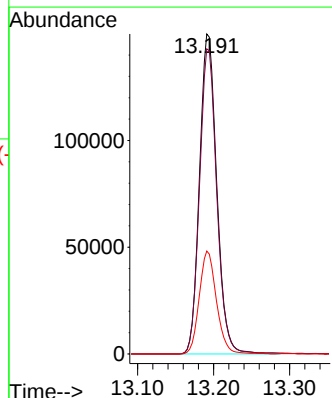
Tgt Ion:180 Resp: 236641

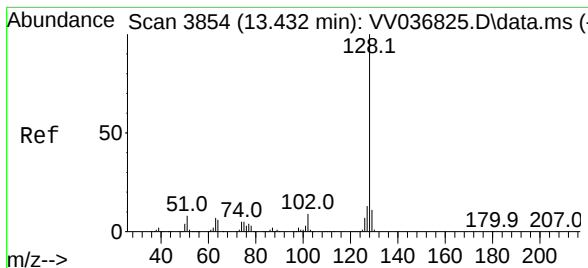
Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 32.1 26.5 39.7

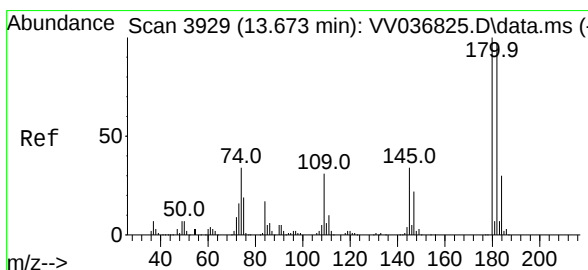
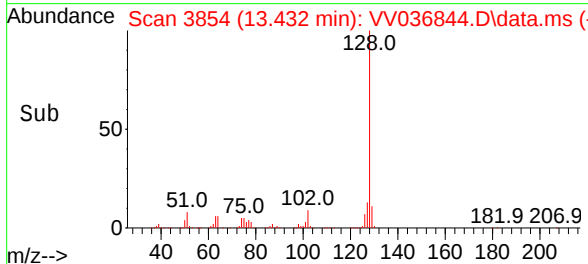
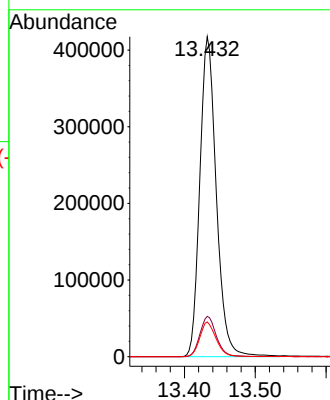
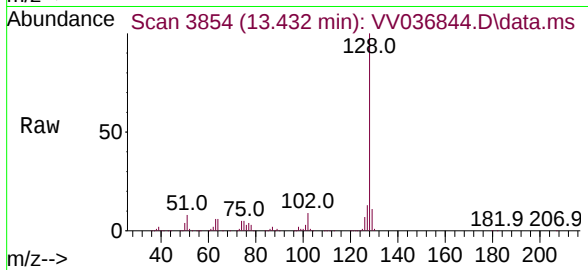




#71
Naphthalene
Concen: 45.187 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 674353
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.345 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV036844.D
Acq: 08 Aug 2024 10:41

Tgt Ion:180 Resp: 224787
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 34.1 27.8 41.6

