

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036769.D
 Acq On : 02 Aug 2024 18:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 00:11:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	457119	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	428519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	208873	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	195323	53.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.000%
7) Chloroethane-d5	1.532	69	151828	52.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.460%
11) 1,1-Dichloroethene-d2	2.056	65	83301	53.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.680%
21) 2-Butanone-d5	3.799	46	182007	94.087	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.090%
24) Chloroform-d	4.246	84	348086	53.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.260%
26) 1,2-Dichloroethane-d4	4.941	65	226325	53.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.460%
32) Benzene-d6	4.953	84	700627	54.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.260%
36) 1,2-Dichloropropane-d6	5.986	67	224047	53.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.320%
41) Toluene-d8	7.240	98	643235	54.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.360%
43) trans-1,3-Dichloroprop...	7.551	79	115950	53.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.720%
47) 2-Hexanone-d5	8.024	63	133896	111.525	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.530%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	257220	53.650	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.300%
66) 1,2-Dichlorobenzene-d4	11.558	152	228558	53.699	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	199685	54.785	ug/L	100
3) Chloromethane	1.220	50	201632	52.860	ug/L	99
5) Vinyl chloride	1.282	62	207501	52.972	ug/L	99
6) Bromomethane	1.484	94	127311	51.620	ug/L	100
8) Chloroethane	1.548	64	125227	51.610	ug/L	98
9) Trichlorofluoromethane	1.712	101	261230	50.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	151252	50.027	ug/L	99
12) 1,1-Dichloroethene	2.069	96	146307	50.668	ug/L	97
13) Acetone	2.114	43	127456	78.749	ug/L	99
14) Carbon disulfide	2.237	76	470653	51.888	ug/L	99
15) Methyl Acetate	2.375	43	167575	50.259	ug/L	100
16) Methylene chloride	2.442	84	162091	49.932	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	153518	51.326	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	527780	50.101	ug/L	100
19) 1,1-Dichloroethane	3.105	63	306470	50.715	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	178901	50.960	ug/L	100
22) 2-Butanone	3.883	43	209678	96.705	ug/L	99
23) Bromochloromethane	4.143	128	86019	50.441	ug/L	97
25) Chloroform	4.272	83	314493	50.670	ug/L	98

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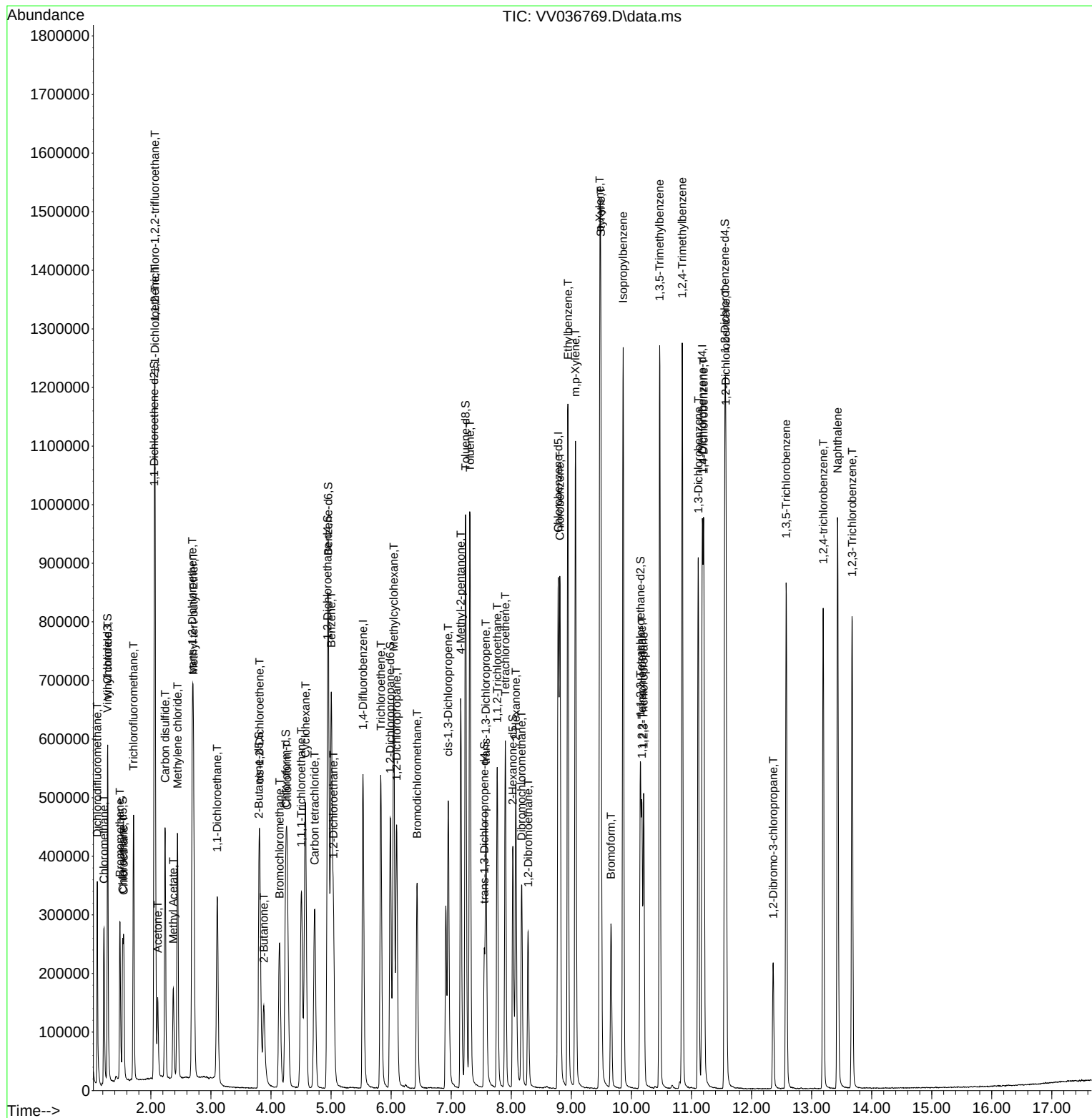
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	248359	50.729	ug/L	100
29) Cyclohexane	4.574	56	284413	52.092	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	276087	51.139	ug/L	99
31) Carbon tetrachloride	4.725	117	233641	51.531	ug/L	100
33) Benzene	5.005	78	669637	52.246	ug/L	100
34) Trichloroethene	5.828	95	188487	50.743	ug/L	97
35) Methylcyclohexane	6.043	83	293232	51.444	ug/L	98
37) 1,2-Dichloropropane	6.092	63	176493	51.981	ug/L	100
38) Bromodichloromethane	6.432	83	239416	51.205	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	292648	50.327	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	434942	103.410	ug/L	99
42) Toluene	7.313	91	707296	51.810	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	273927	50.553	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	165461	50.321	ug/L	99
46) Tetrachloroethene	7.902	164	124194	50.972	ug/L	98
48) 2-Hexanone	8.075	43	331052	106.990	ug/L	98
49) Dibromochloromethane	8.172	129	172581	51.075	ug/L	97
50) 1,2-Dibromoethane	8.281	107	176653	51.781	ug/L	99
51) Chlorobenzene	8.812	112	451179	51.508	ug/L	99
52) Ethylbenzene	8.944	91	811021	52.029	ug/L	99
53) m,p-Xylene	9.069	106	300929	51.647	ug/L	98
54) o-Xylene	9.474	106	293515	51.504	ug/L	98
55) Styrene	9.490	104	513530	52.583	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	231923	52.273	ug/L	99
59) Bromoform	9.661	173	119752	51.824	ug/L	99
60) Isopropylbenzene	9.863	105	800482	52.641	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	194721	51.787	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	666685	52.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	672310	53.050	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	341322	52.197	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	347155	52.206	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	332763	52.104	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	55493	51.072	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	241222	51.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	227866	51.198	ug/L	99
71) Naphthalene	13.432	128	757069	53.045	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	226483	51.986	ug/L	100

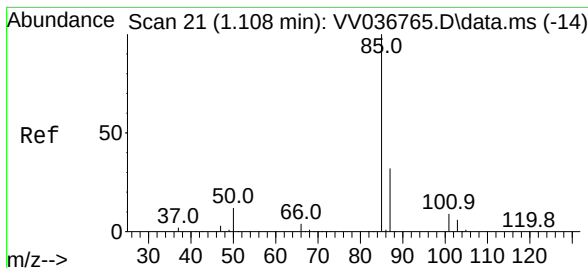
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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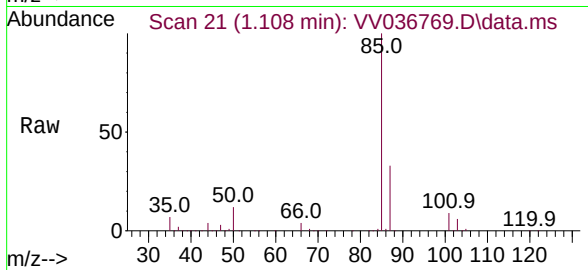
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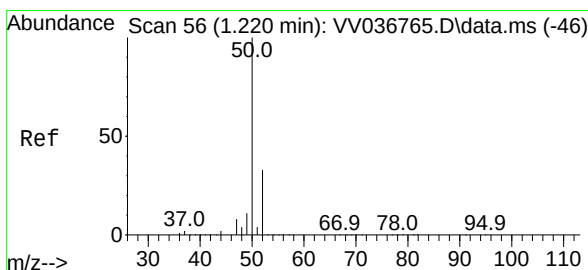
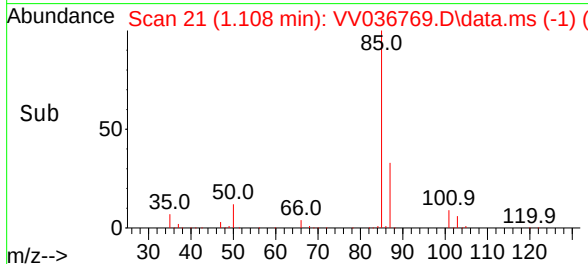
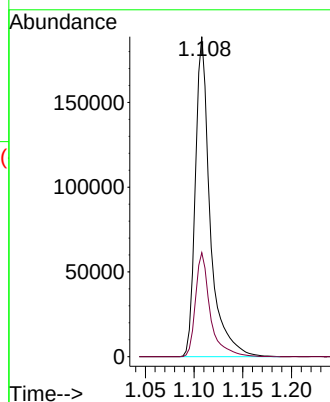


#2
Dichlorodifluoromethane
Concen: 54.785 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Instrument :
MSVOA_V
ClientSampleId :

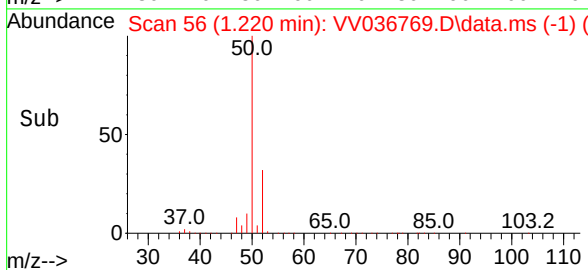
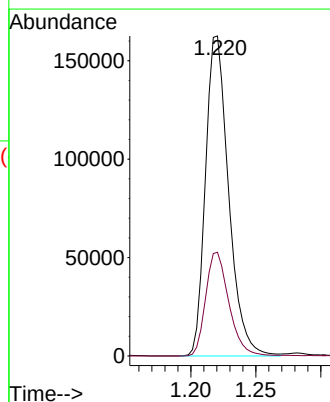
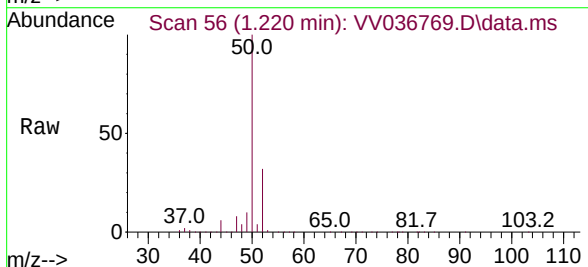


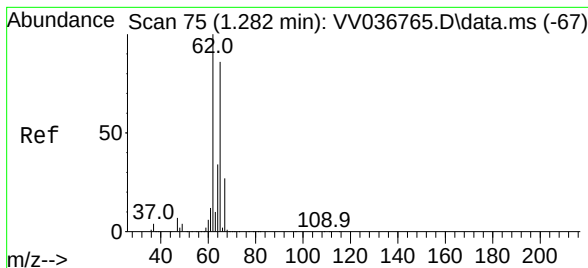
Tgt Ion: 85 Resp: 199685
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 52.860 ug/L
RT: 1.220 min Scan# 56
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 50 Resp: 201632
Ion Ratio Lower Upper
50 100
52 32.4 23.0 42.8





#5

Vinyl chloride

Concen: 52.972 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

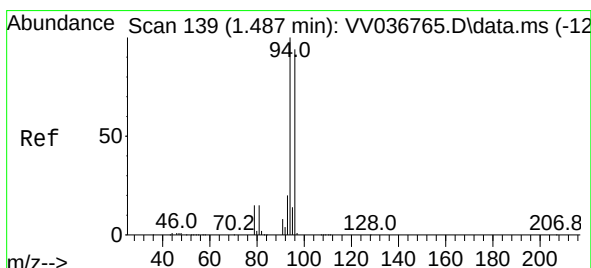
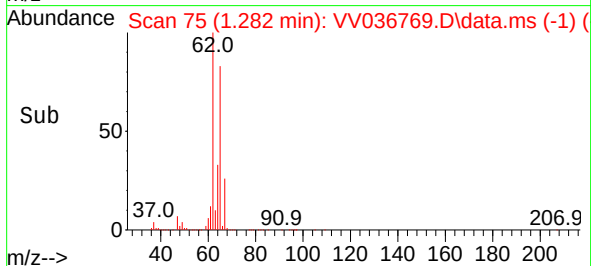
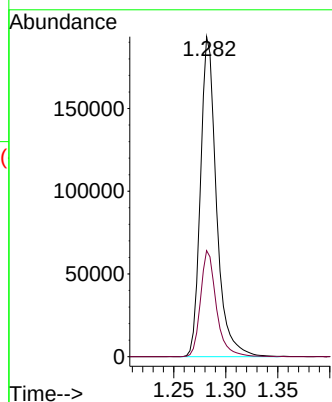
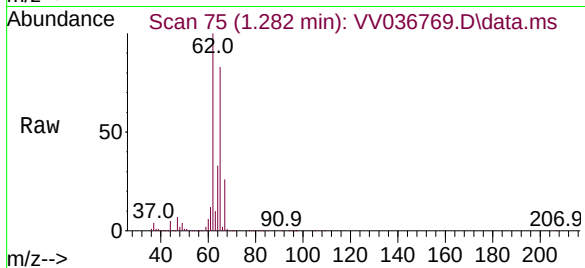
ClientSampleId :

Tgt Ion: 62 Resp: 207501

Ion Ratio Lower Upper

62 100

64 33.1 23.6 43.8



#6

Bromomethane

Concen: 51.620 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV036769.D

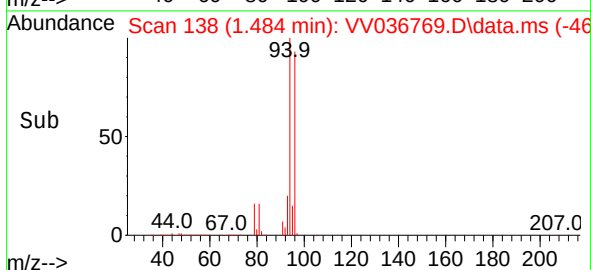
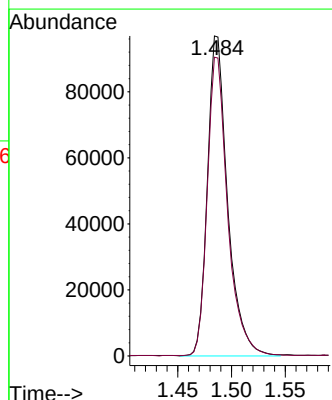
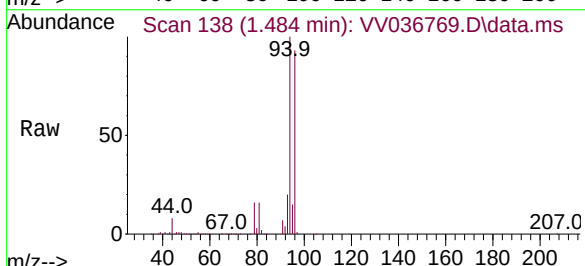
Acq: 02 Aug 2024 18:30

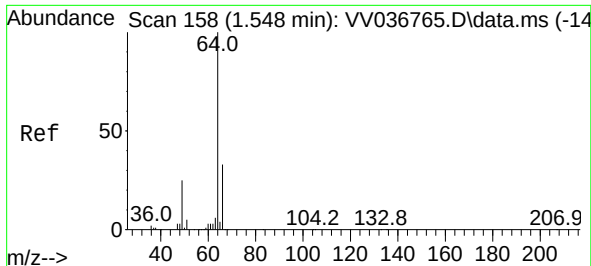
Tgt Ion: 94 Resp: 127311

Ion Ratio Lower Upper

94 100

96 93.4 65.5 121.7

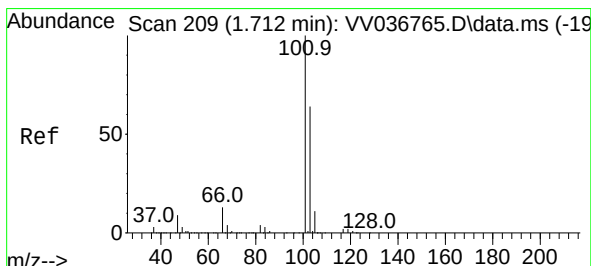
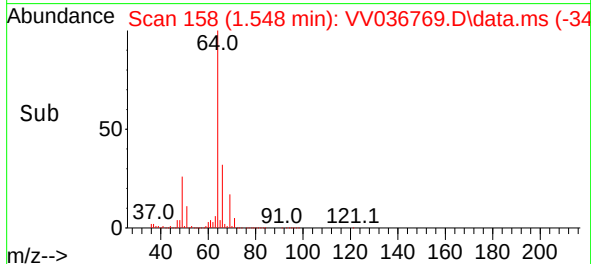
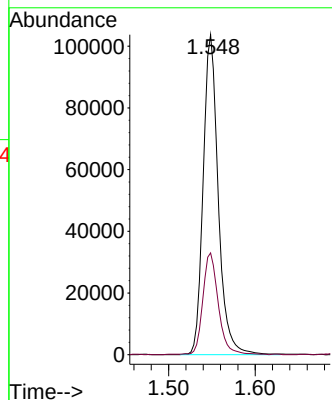
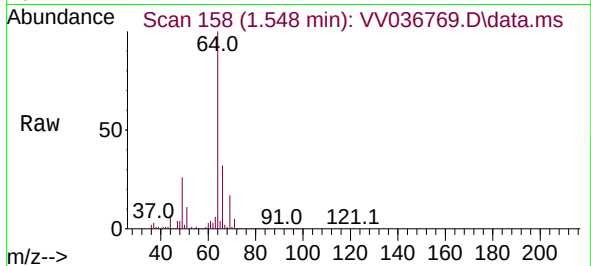




#8
Chloroethane
Concen: 51.610 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

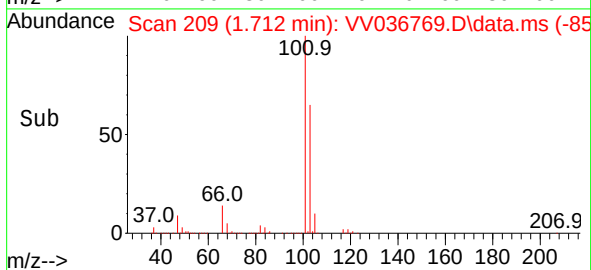
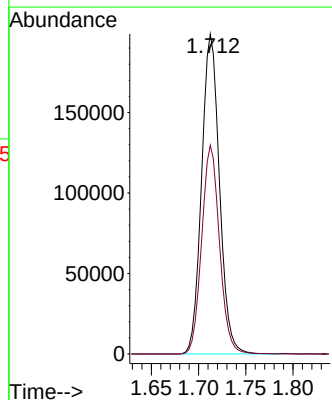
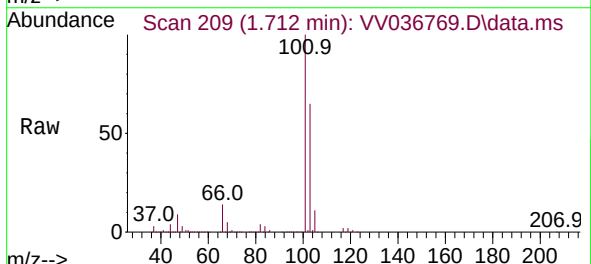
Instrument :
MSVOA_V
ClientSampleId :

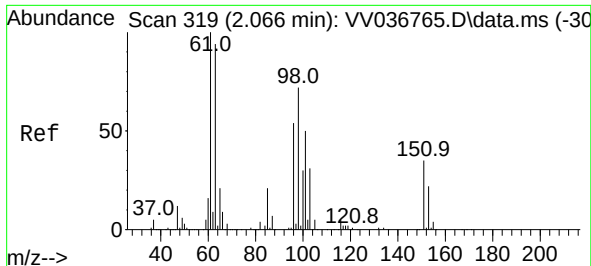
Tgt Ion: 64 Resp: 125227
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 50.913 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion:101 Resp: 261230
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0





#10

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

Concen: 50.027 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

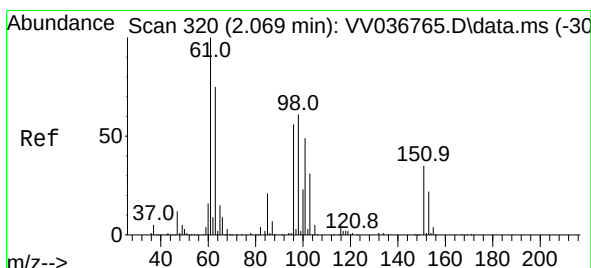
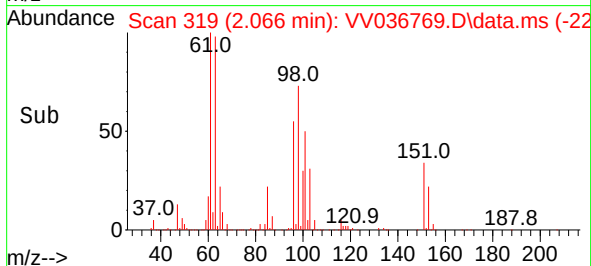
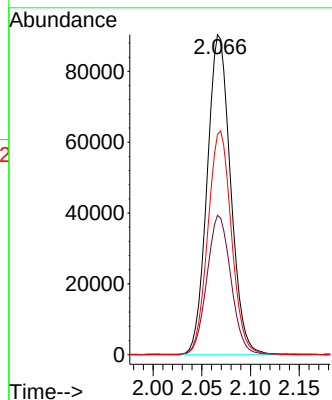
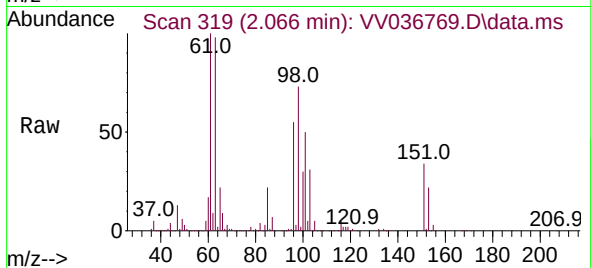
Tgt Ion:101 Resp: 151252

Ion Ratio Lower Upper

101 100

85 44.1 34.6 51.8

151 70.5 55.9 83.9



#12

1,1-Dichloroethene

Concen: 50.668 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

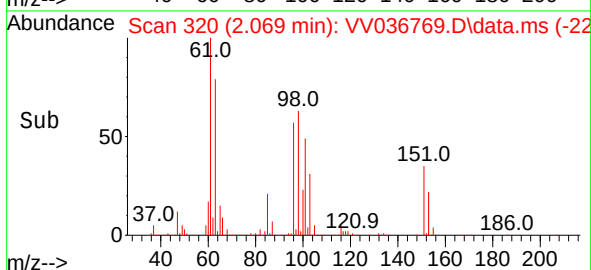
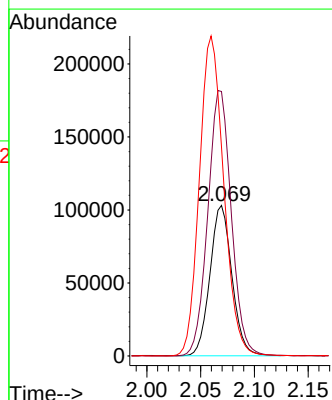
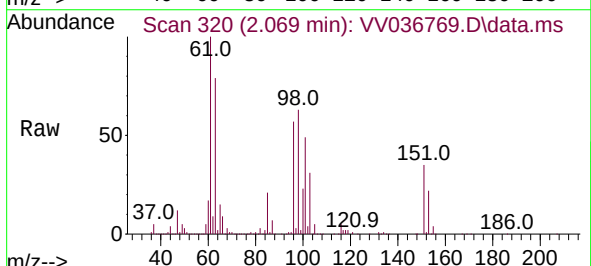
Tgt Ion: 96 Resp: 146307

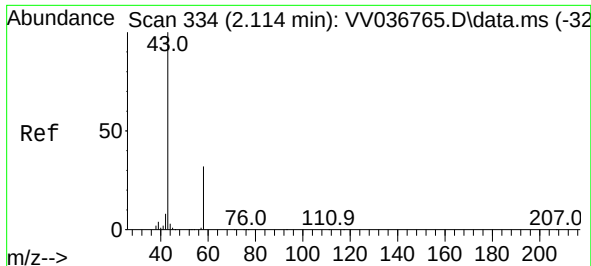
Ion Ratio Lower Upper

96 100

61 175.7 125.6 233.2

63 139.0 95.1 176.7





#13

Acetone

Concen: 78.749 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

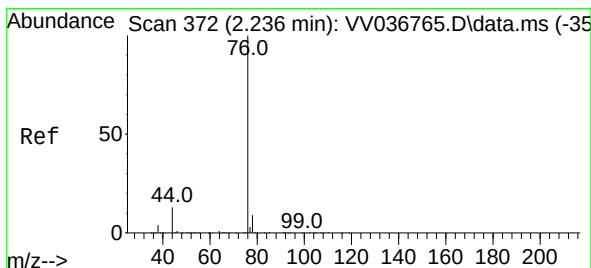
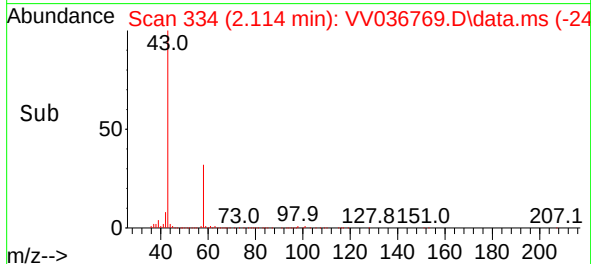
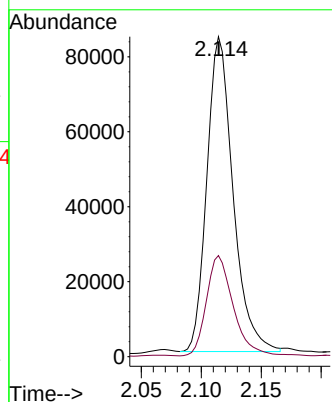
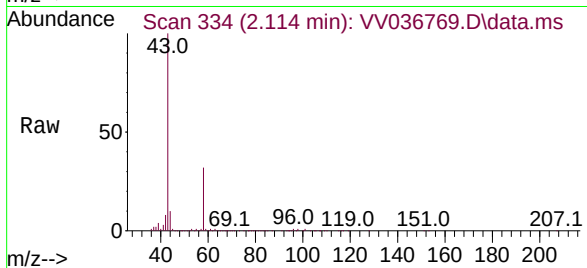
ClientSampleId :

Tgt Ion: 43 Resp: 127456

Ion Ratio Lower Upper

43 100

58 32.4 0.0 63.4



#14

Carbon disulfide

Concen: 51.888 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036769.D

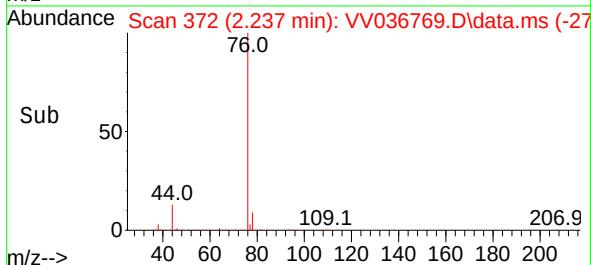
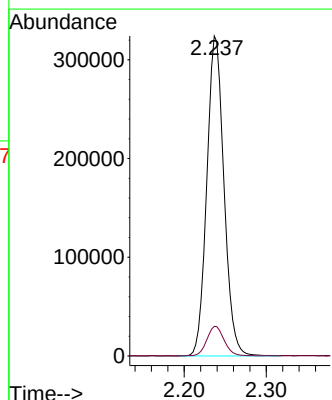
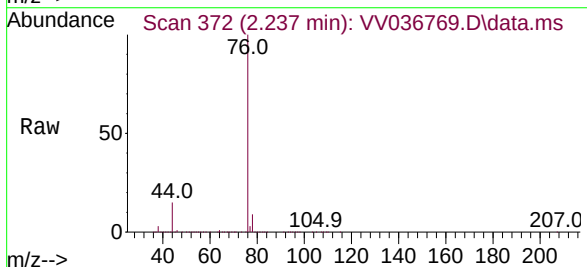
Acq: 02 Aug 2024 18:30

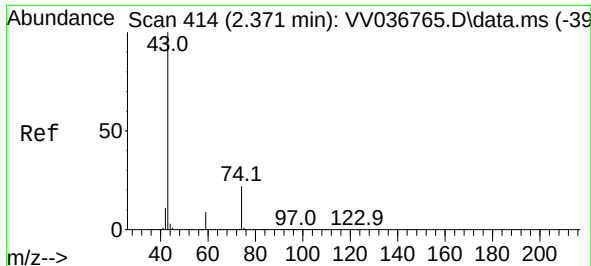
Tgt Ion: 76 Resp: 470653

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 50.259 ug/L

RT: 2.375 min Scan# 414

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

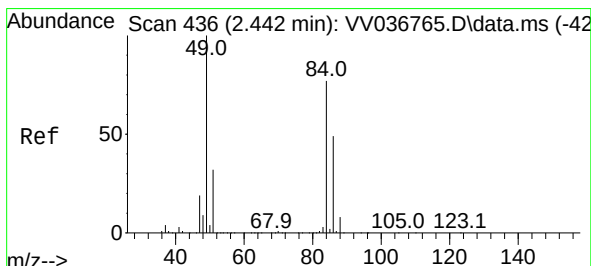
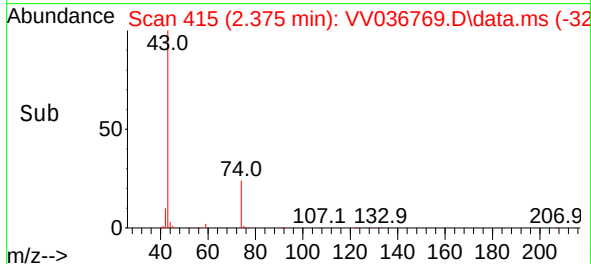
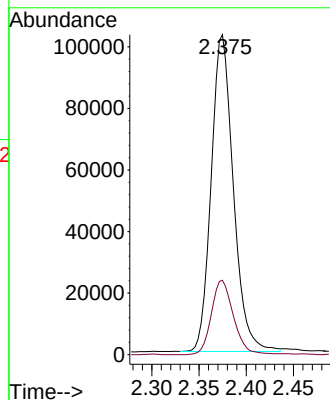
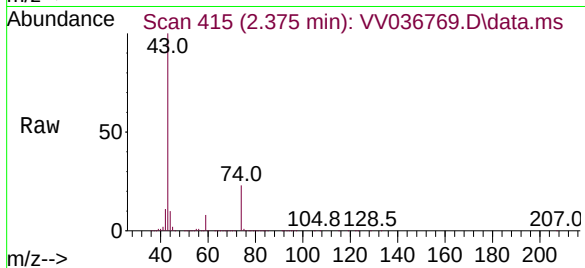
ClientSampleId :

Tgt Ion: 43 Resp: 167575

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.4



#16

Methylene chloride

Concen: 49.932 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

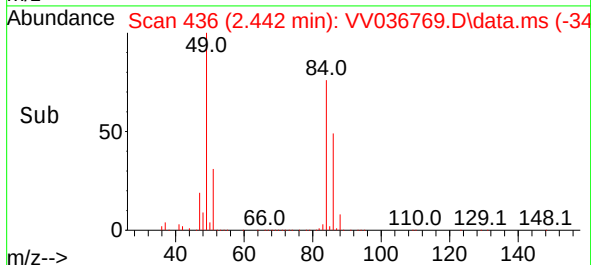
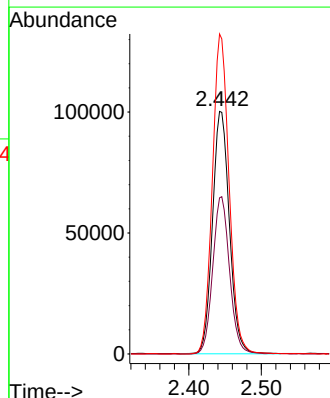
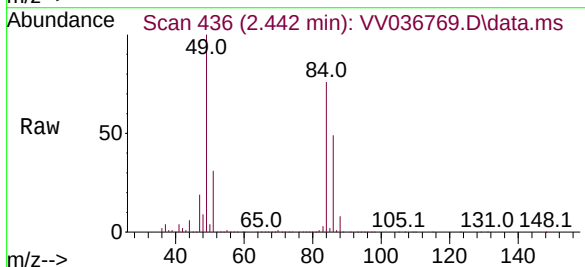
Tgt Ion: 84 Resp: 162091

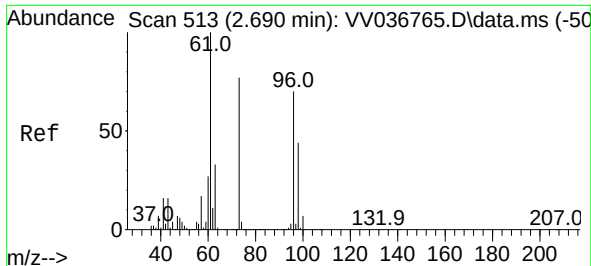
Ion Ratio Lower Upper

84 100

86 64.4 44.3 82.3

49 131.9 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 51.326 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

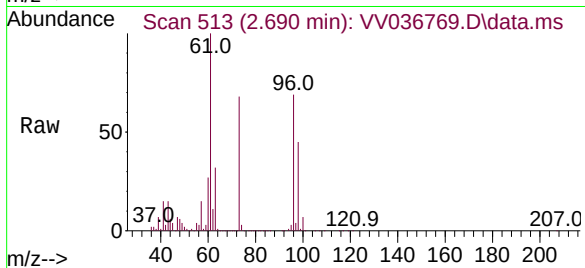
Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :



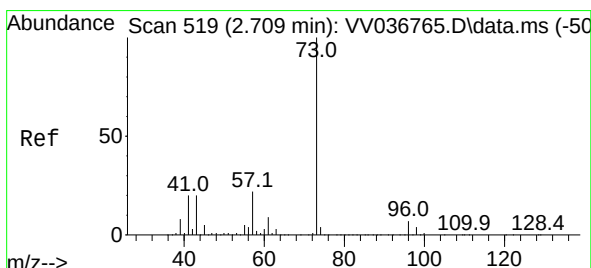
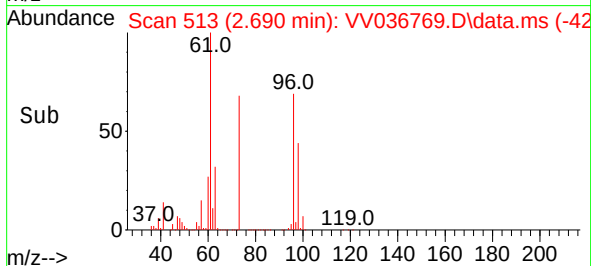
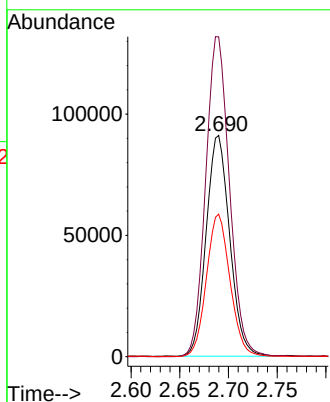
Tgt Ion: 96 Resp: 153518

Ion Ratio Lower Upper

96 100

61 144.5 100.0 185.8

98 64.4 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 50.101 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

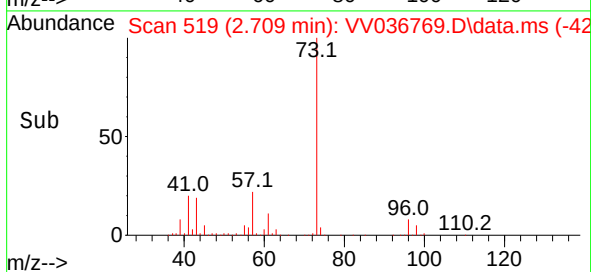
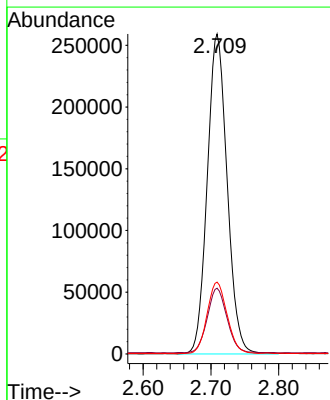
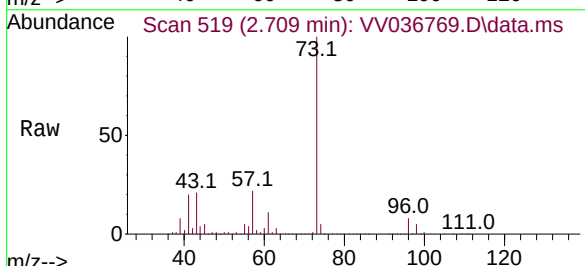
Tgt Ion: 73 Resp: 527780

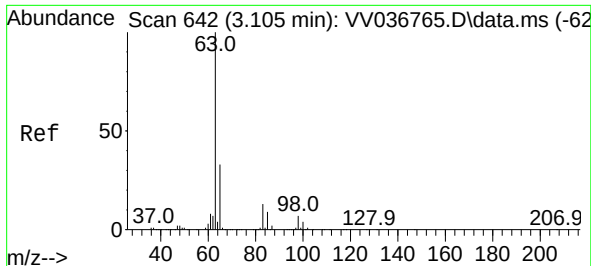
Ion Ratio Lower Upper

73 100

43 20.1 16.1 24.1

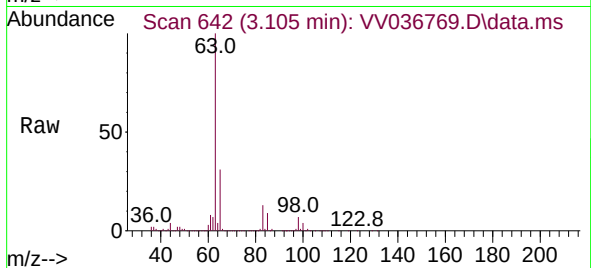
57 22.4 17.9 26.9



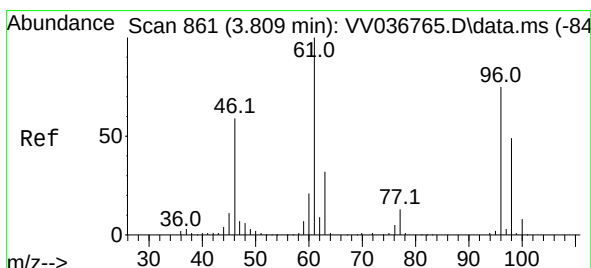
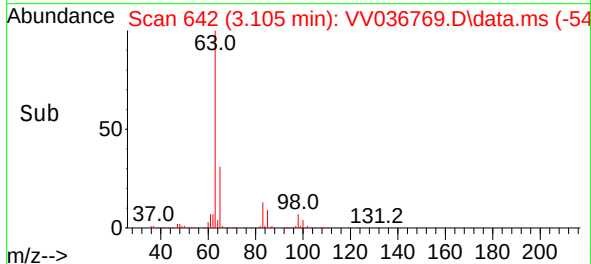
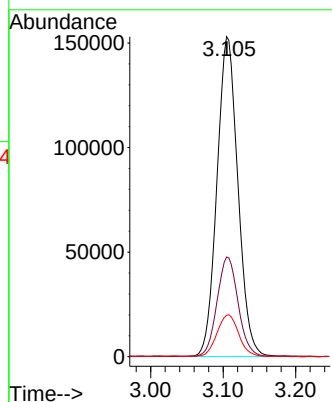


#19
1,1-Dichloroethane
Concen: 50.715 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Instrument :
MSVOA_V
ClientSampleId :

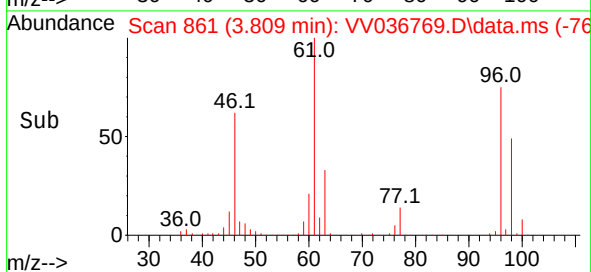
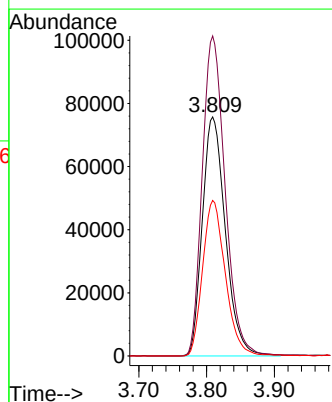
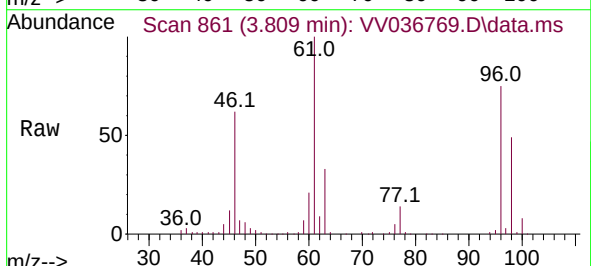


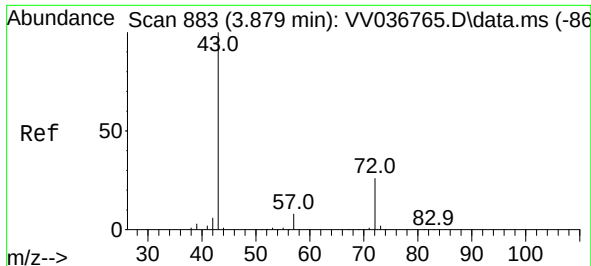
Tgt Ion: 63 Resp: 306470
Ion Ratio Lower Upper
63 100
65 31.2 23.2 43.0
83 13.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 50.960 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 96 Resp: 178901
Ion Ratio Lower Upper
96 100
61 133.8 93.9 174.5
98 65.1 46.0 85.4

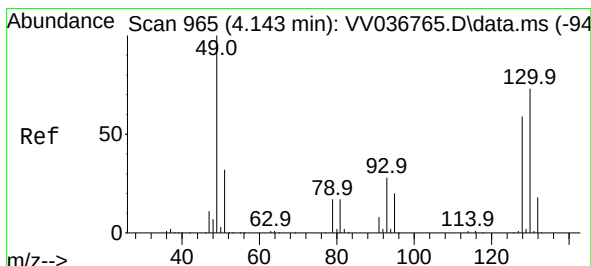
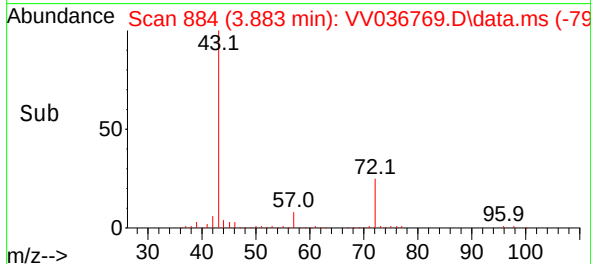
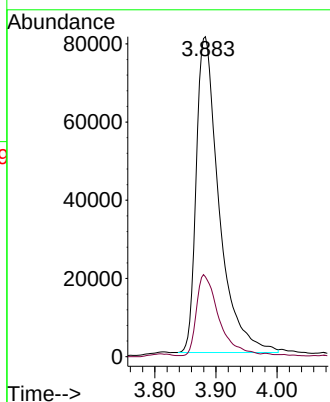
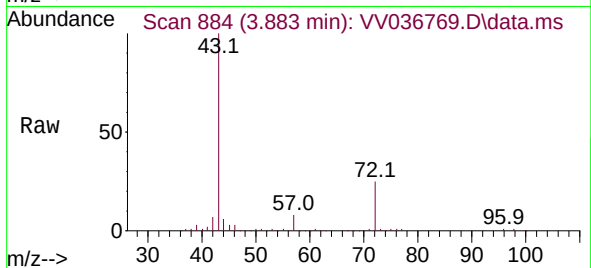




#22
2-Butanone
Concen: 96.705 ug/L
RT: 3.883 min Scan# 883
Delta R.T. 0.003 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

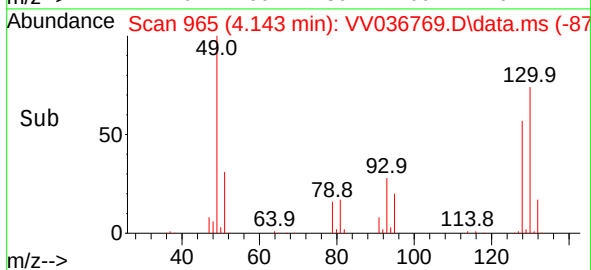
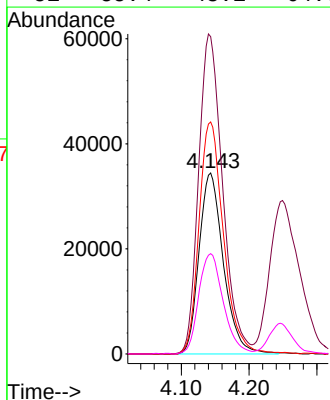
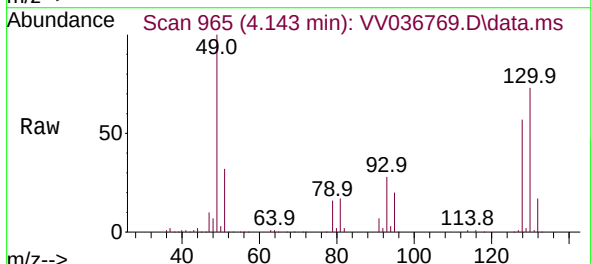
Instrument :
MSVOA_V
ClientSampleId :

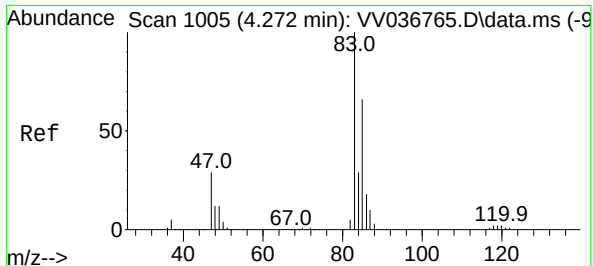
Tgt Ion: 43 Resp: 209678
Ion Ratio Lower Upper
43 100
72 25.3 12.5 37.5



#23
Bromochloromethane
Concen: 50.441 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 128 Resp: 86019
Ion Ratio Lower Upper
128 100
49 175.3 120.0 223.0
130 128.2 87.0 161.6
51 55.4 43.1 64.7





#25

Chloroform

Concen: 50.670 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

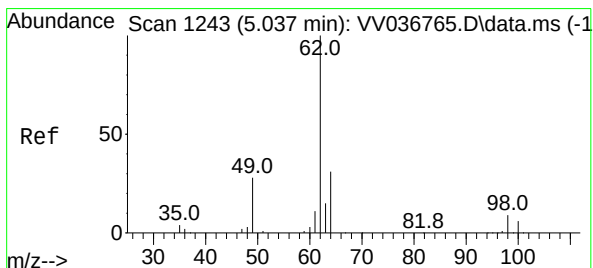
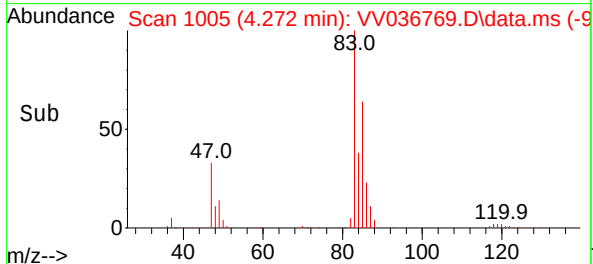
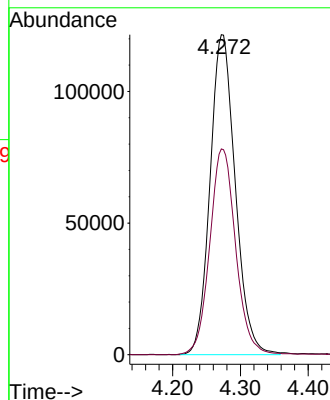
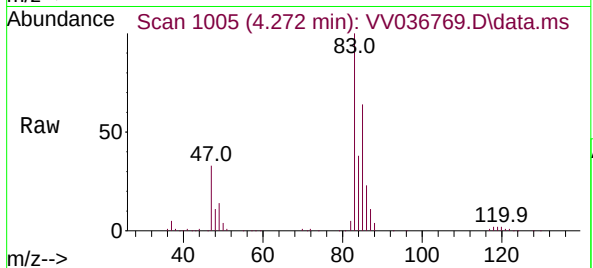
ClientSampleId :

Tgt Ion: 83 Resp: 314493

Ion Ratio Lower Upper

83 100

85 64.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.729 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV036769.D

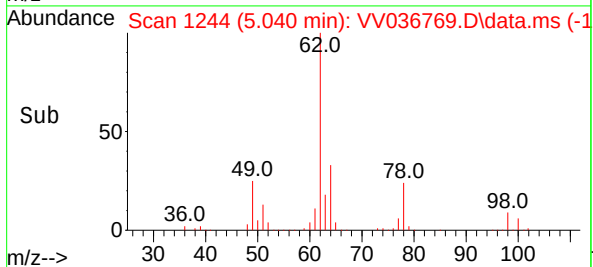
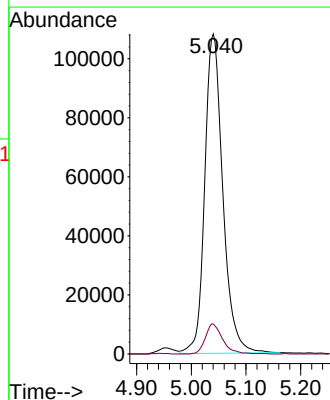
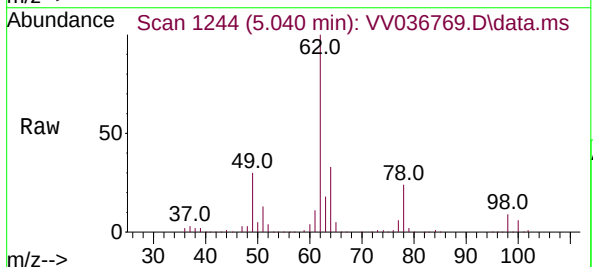
Acq: 02 Aug 2024 18:30

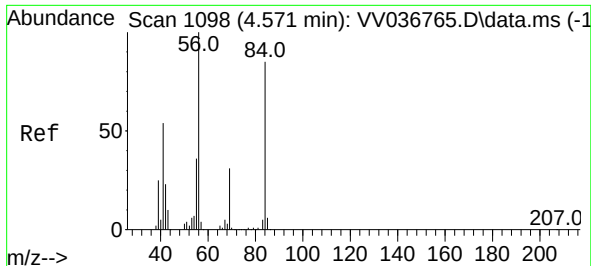
Tgt Ion: 62 Resp: 248359

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 52.092 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

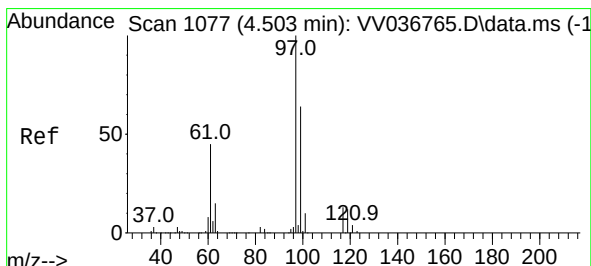
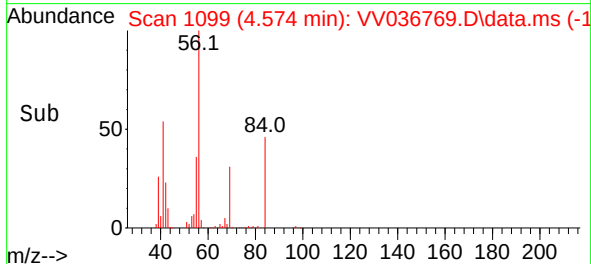
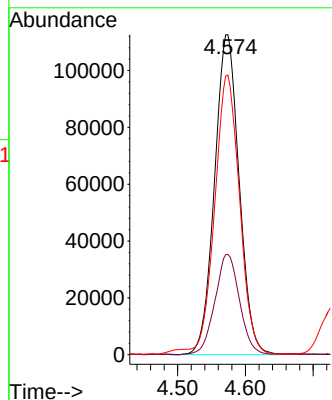
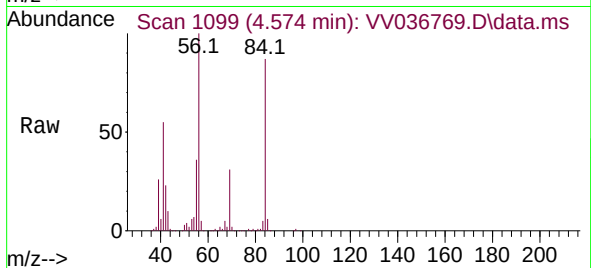
Tgt Ion: 56 Resp: 284413

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 88.7 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 51.139 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

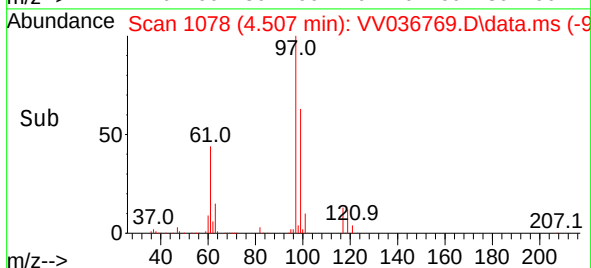
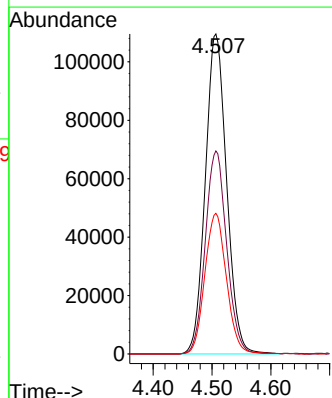
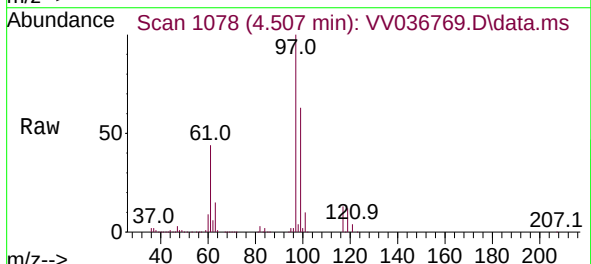
Tgt Ion: 97 Resp: 276087

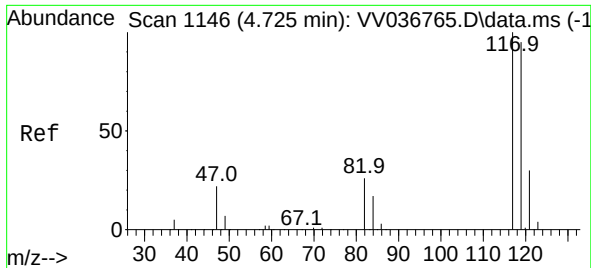
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 44.6 36.0 54.0

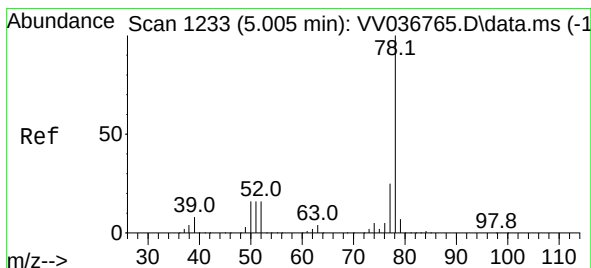
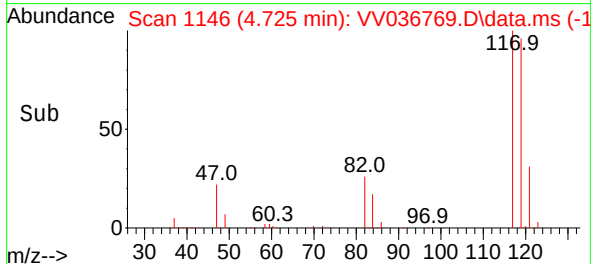
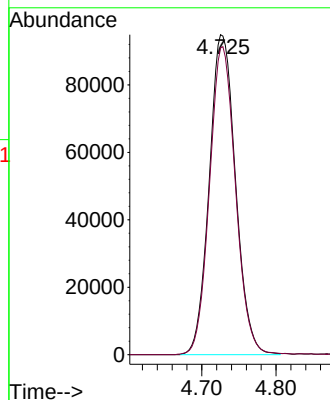
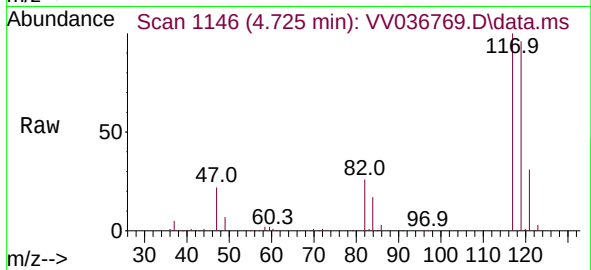




#31
Carbon tetrachloride
Concen: 51.531 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

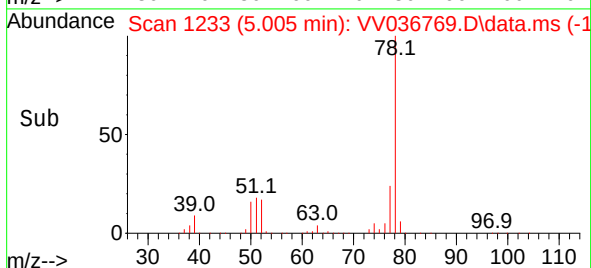
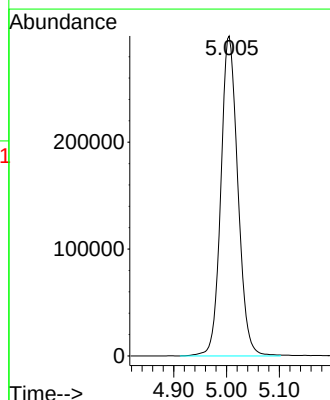
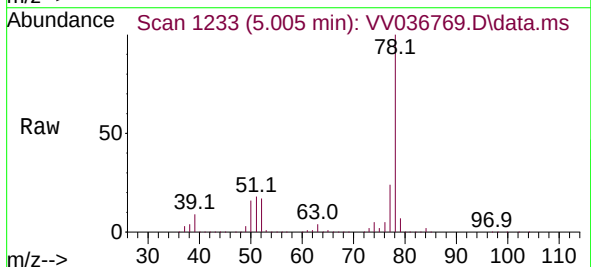
Instrument :
MSVOA_V
ClientSampleId :

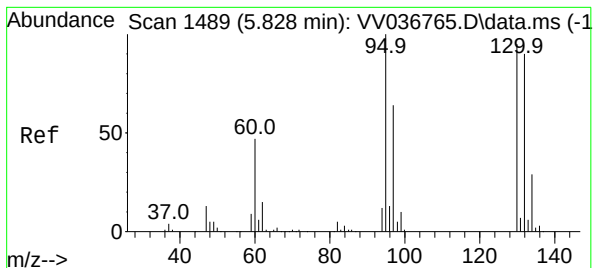
Tgt Ion:117 Resp: 233641
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1



#33
Benzene
Concen: 52.246 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 78 Resp: 669637





#34

Trichloroethene

Concen: 50.743 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 188487

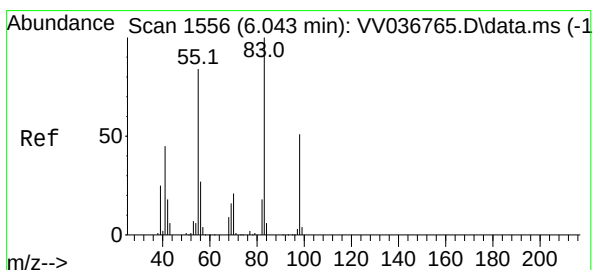
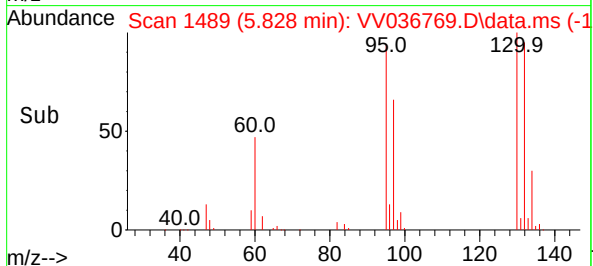
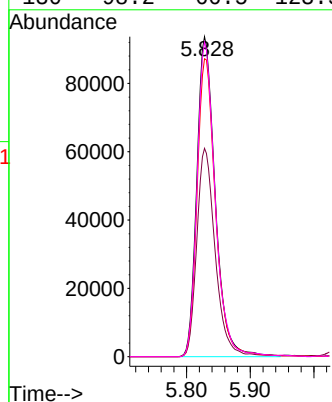
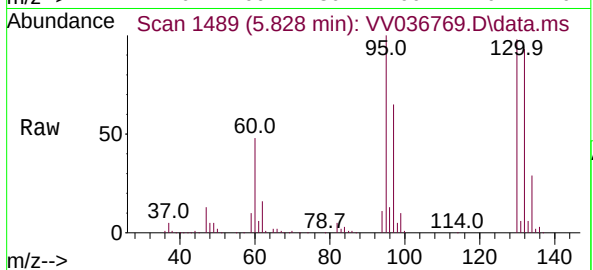
Ion Ratio Lower Upper

95 100

97 65.1 44.7 82.9

132 93.1 62.9 116.9

130 98.2 66.5 123.5



#35

Methylcyclohexane

Concen: 51.444 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

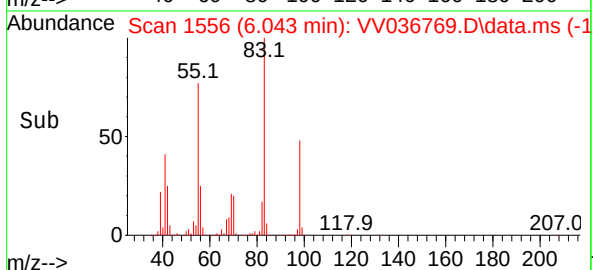
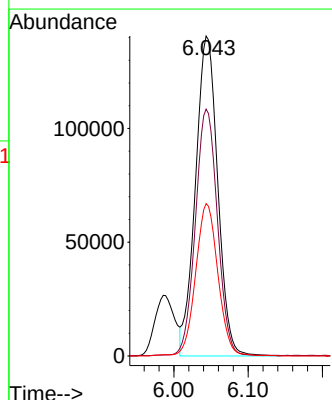
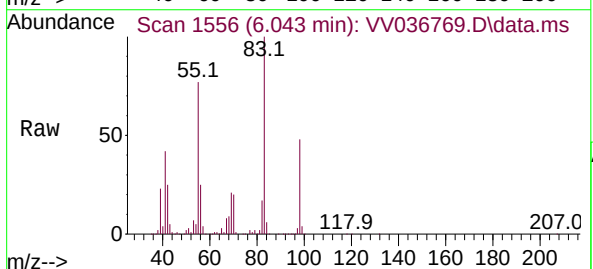
Tgt Ion: 83 Resp: 293232

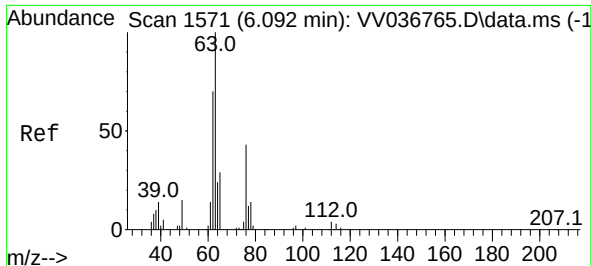
Ion Ratio Lower Upper

83 100

55 76.2 62.3 93.5

98 47.6 38.7 58.1

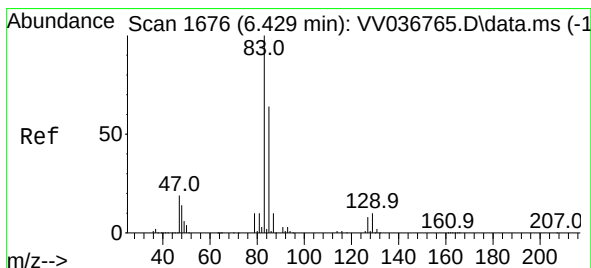
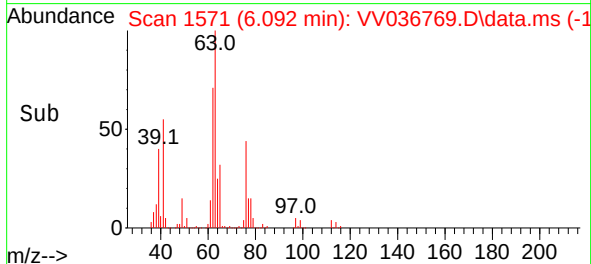
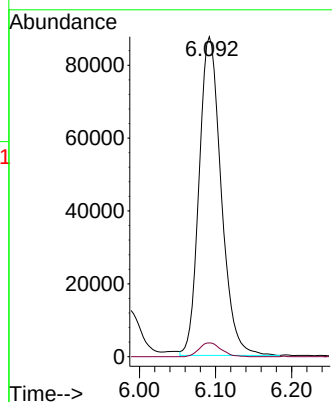
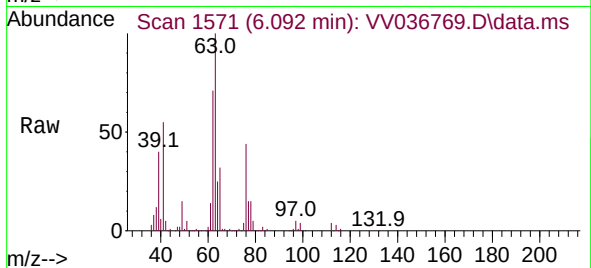




#37
1,2-Dichloropropane
Concen: 51.981 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

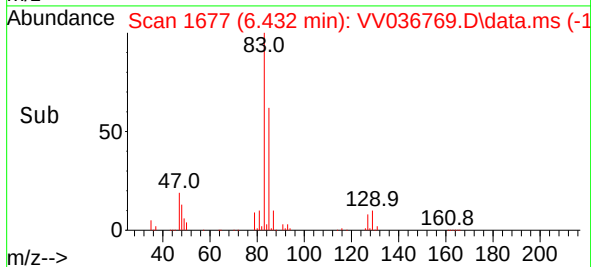
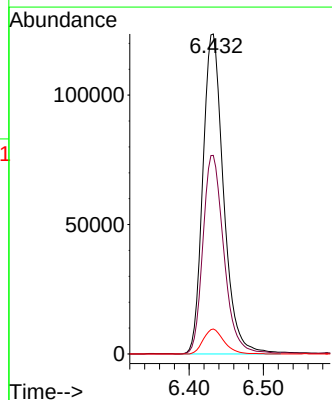
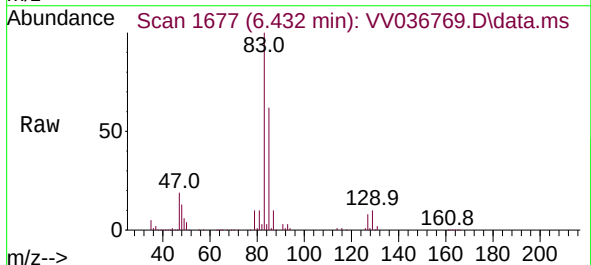
Instrument :
MSVOA_V
ClientSampleId :

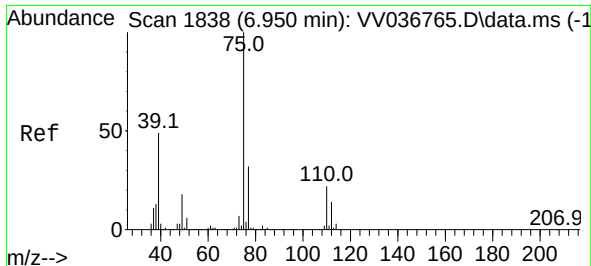
Tgt Ion: 63 Resp: 176493
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 51.205 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 83 Resp: 239416
Ion Ratio Lower Upper
83 100
85 62.1 44.7 83.1
127 7.8 6.2 9.4

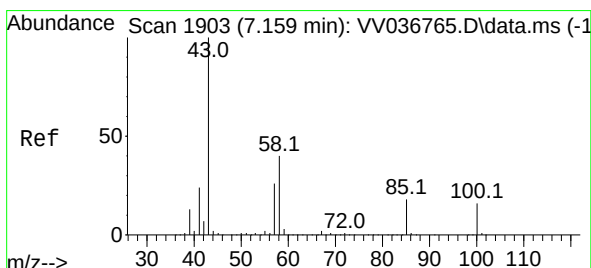
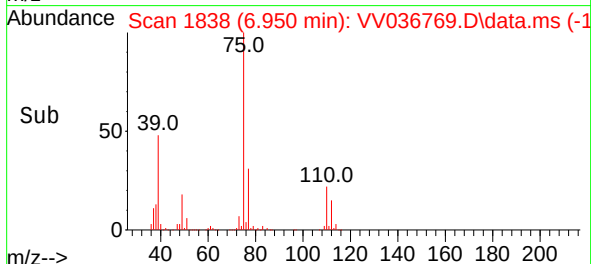
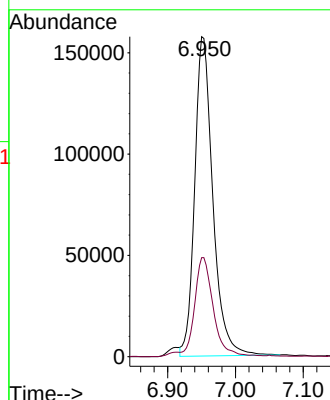
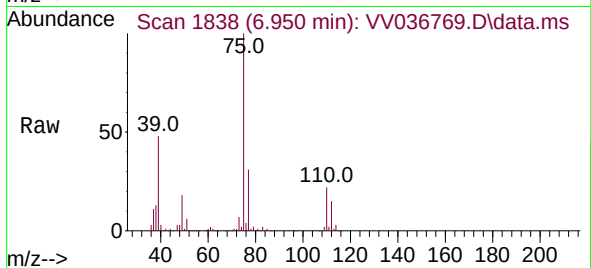




#39
cis-1,3-Dichloropropene
Concen: 50.327 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

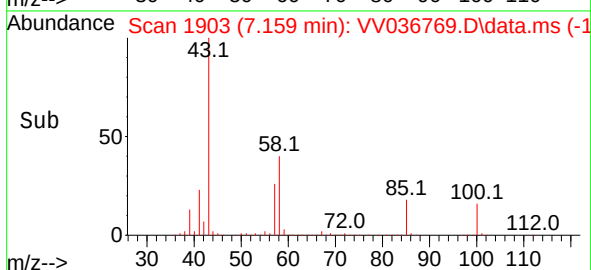
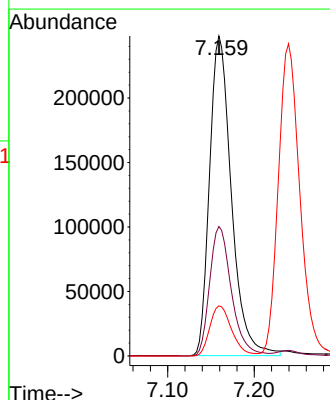
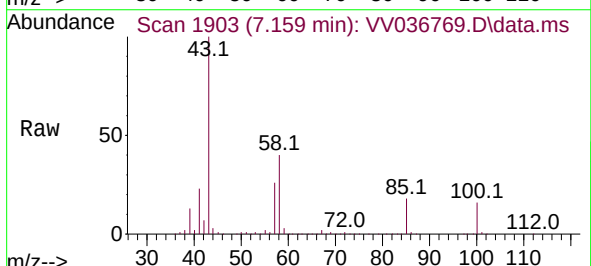
Instrument :
MSVOA_V
ClientSampleId :

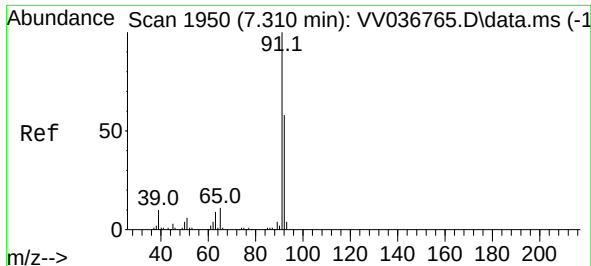
Tgt Ion: 75 Resp: 292648
Ion Ratio Lower Upper
75 100
77 31.0 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 103.410 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 43 Resp: 434942
Ion Ratio Lower Upper
43 100
58 40.4 31.3 46.9
100 15.7 12.6 18.8





#42

Toluene

Concen: 51.810 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

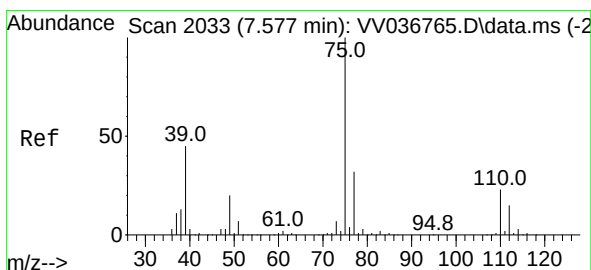
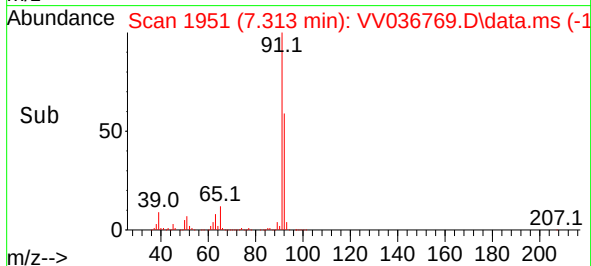
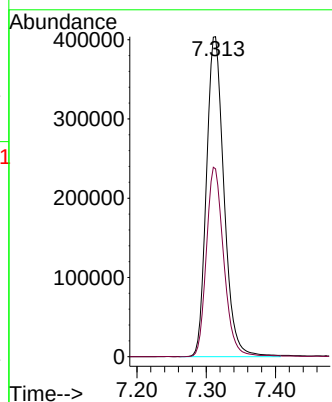
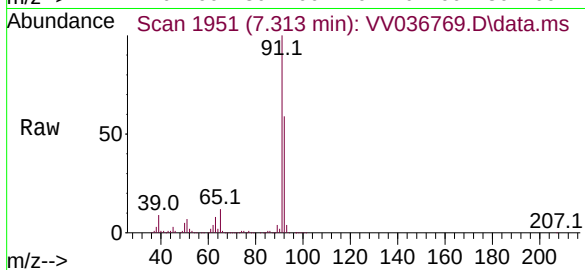
ClientSampleId :

Tgt Ion: 91 Resp: 707296

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.553 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036769.D

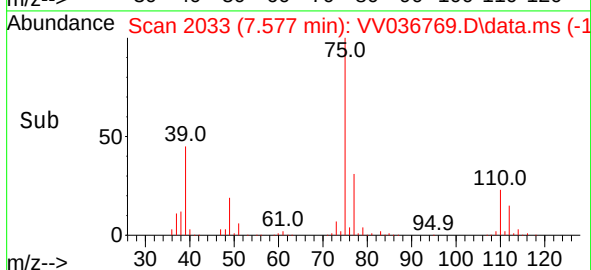
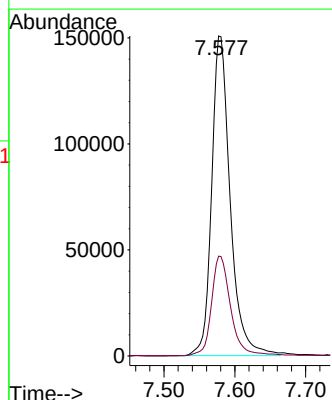
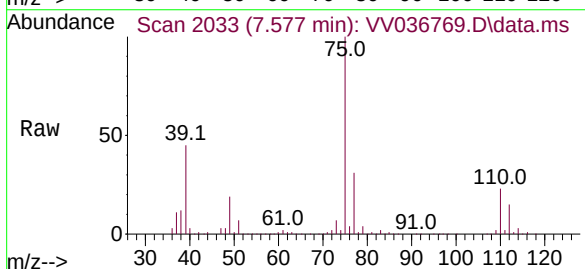
Acq: 02 Aug 2024 18:30

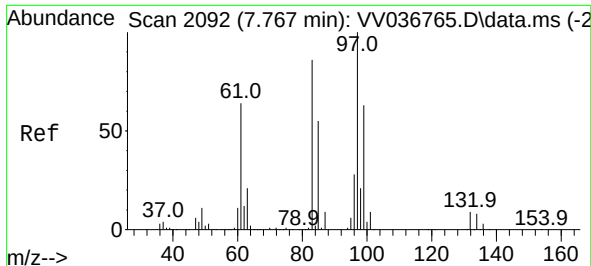
Tgt Ion: 75 Resp: 273927

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



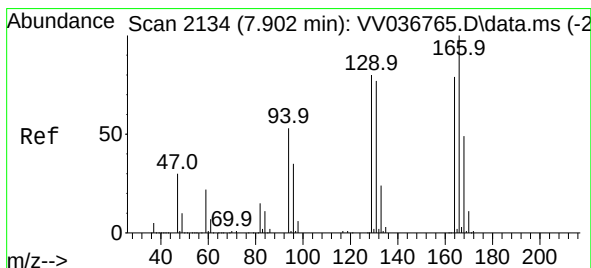
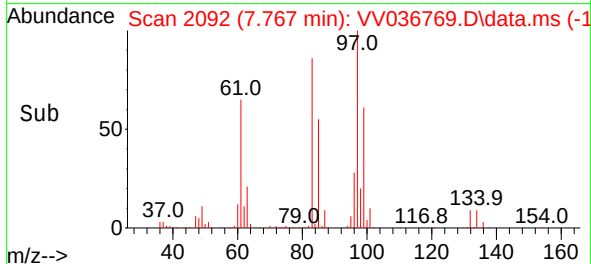
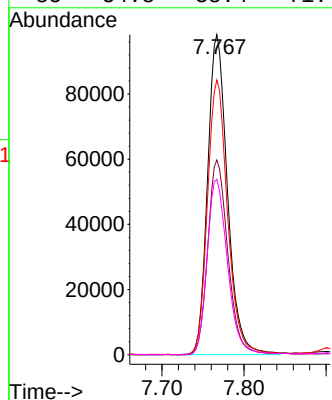
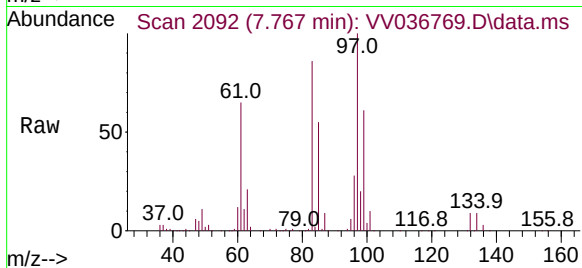


#45
1,1,2-Trichloroethane
Concen: 50.321 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 165461

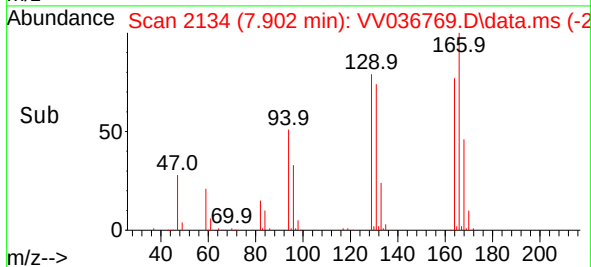
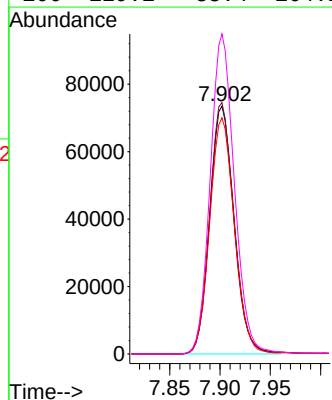
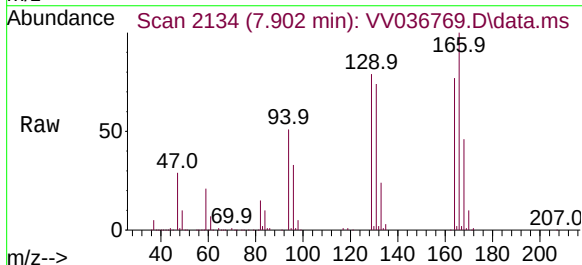
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.0	81.6
83	85.8	60.1	111.5
85	54.8	38.4	71.4

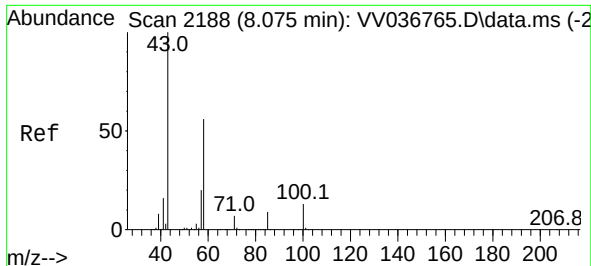


#46
Tetrachloroethene
Concen: 50.972 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 164 Resp: 124194

Ion	Ratio	Lower	Upper
164	100		
129	101.4	70.4	130.8
131	95.3	67.7	125.7
166	129.1	88.4	164.2

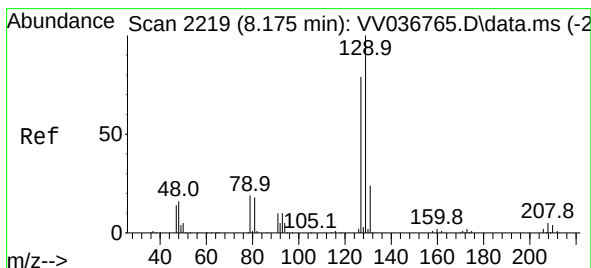
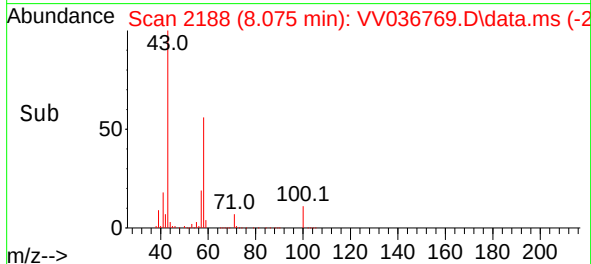
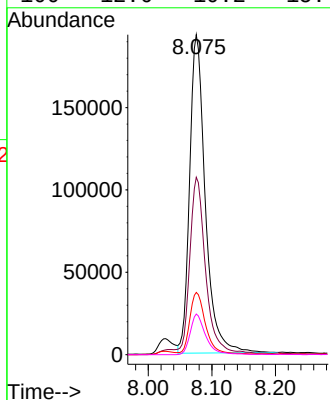
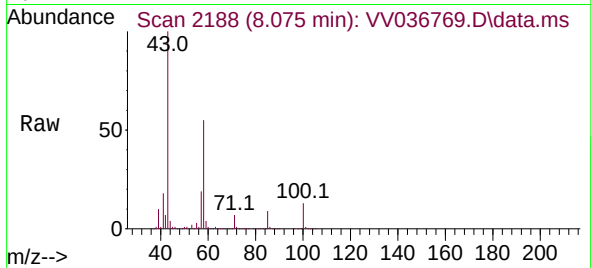




#48
2-Hexanone
Concen: 106.990 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

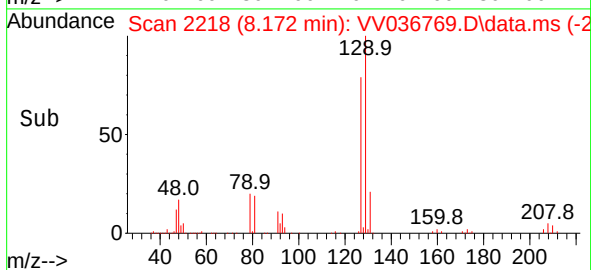
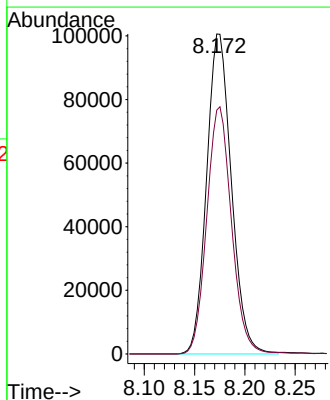
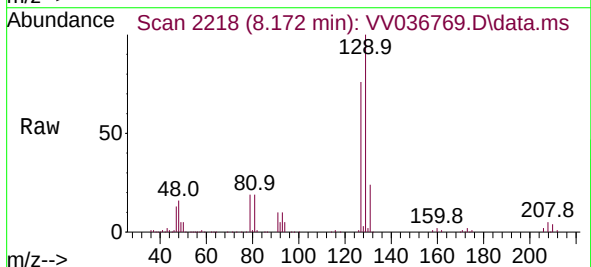
Instrument :
MSVOA_V
ClientSampleId :

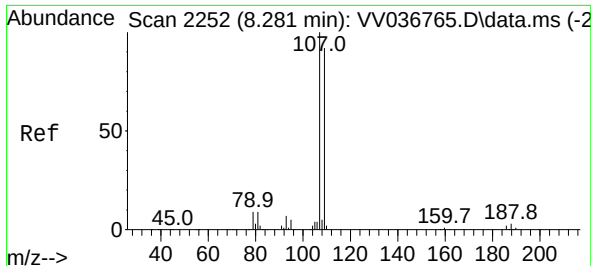
Tgt Ion: 43 Resp: 331052
Ion Ratio Lower Upper
43 100
58 53.5 44.7 67.1
57 19.3 15.0 22.4
100 12.6 10.2 15.4



#49
Dibromochloromethane
Concen: 51.075 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

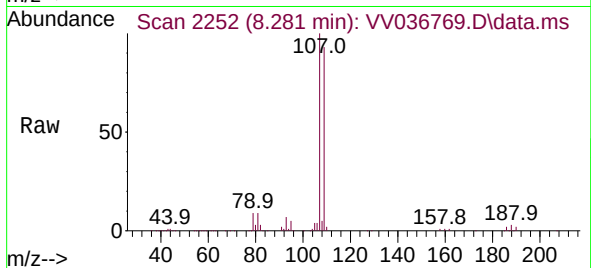
Tgt Ion: 129 Resp: 172581
Ion Ratio Lower Upper
129 100
127 76.2 55.4 102.8



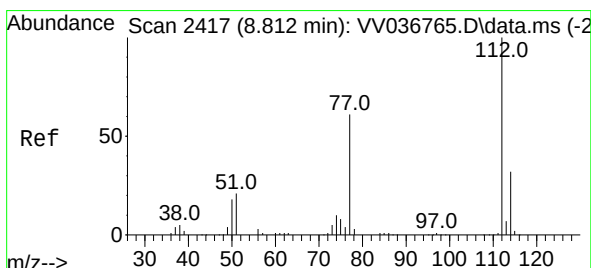
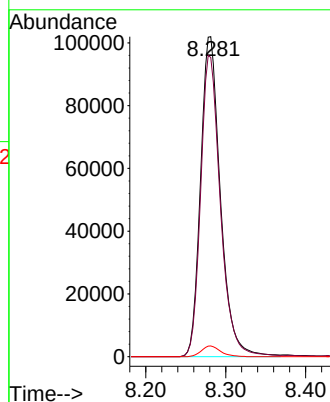
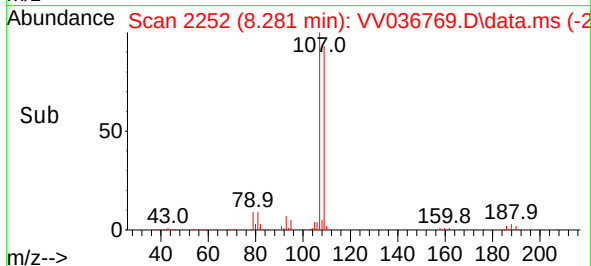


#50
1,2-Dibromoethane
Concen: 51.781 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Instrument :
MSVOA_V
ClientSampleId :

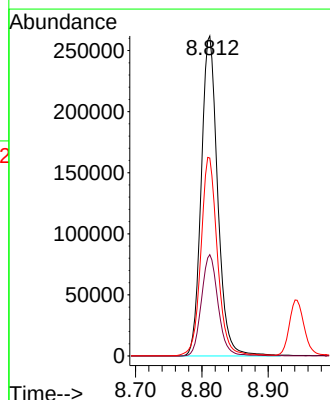
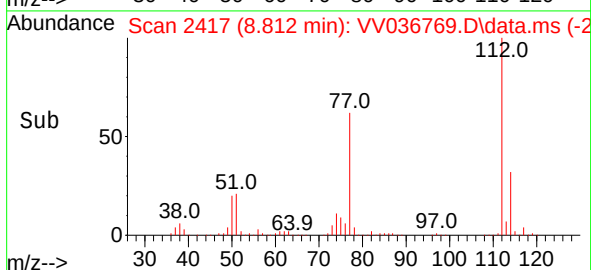
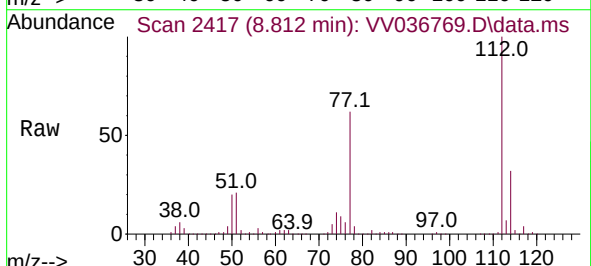


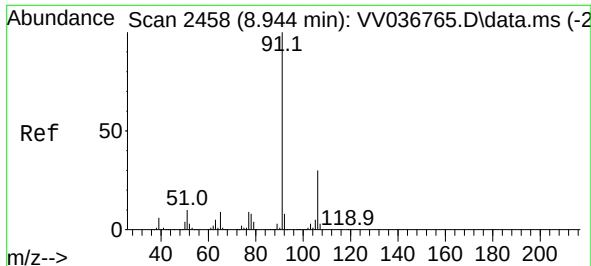
Tgt Ion:107 Resp: 176653
Ion Ratio Lower Upper
107 100
109 93.5 64.7 120.1
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 51.508 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion:112 Resp: 451179
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 61.9 48.9 73.3

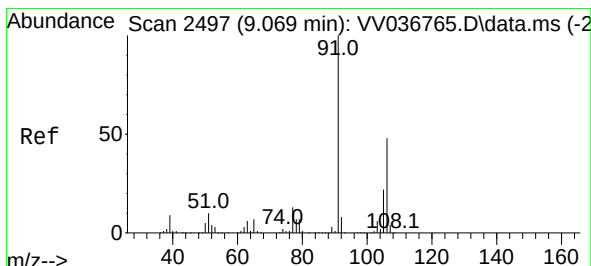
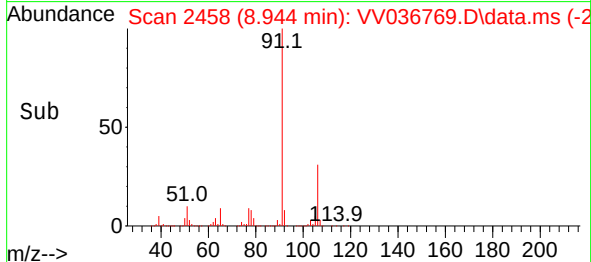
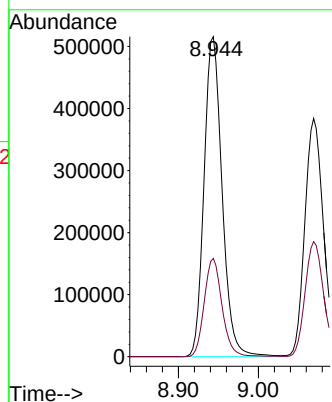
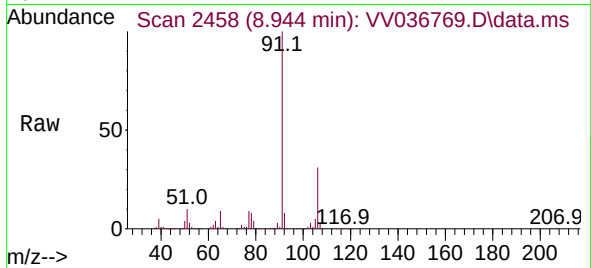




#52
Ethylbenzene
Concen: 52.029 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

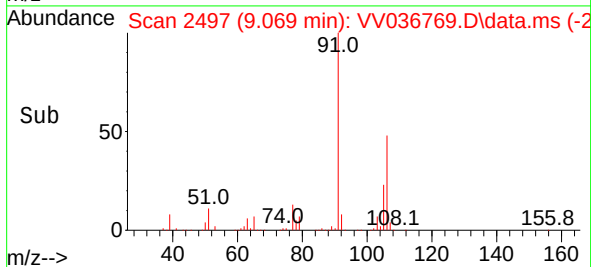
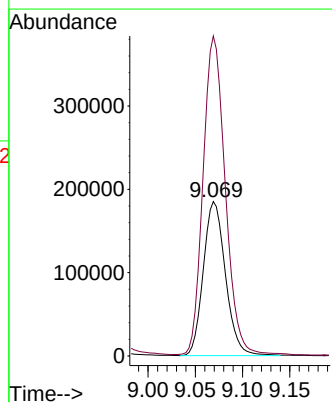
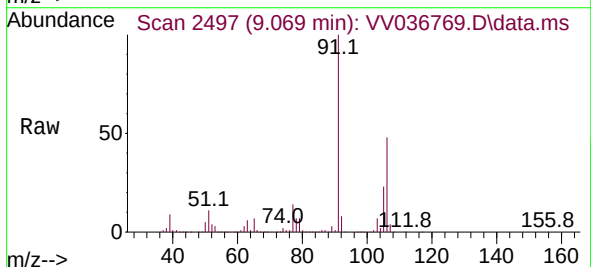
Instrument :
MSVOA_V
ClientSampleId :

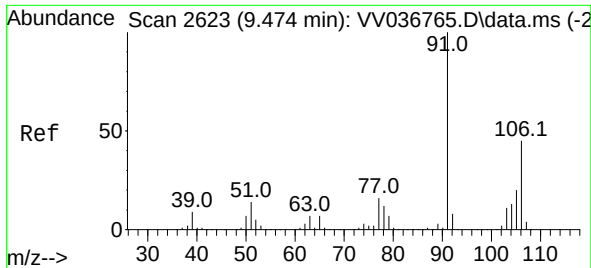
Tgt Ion: 91 Resp: 811021
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.1



#53
m,p-Xylene
Concen: 51.647 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 106 Resp: 300929
Ion Ratio Lower Upper
106 100
91 207.2 147.1 273.3

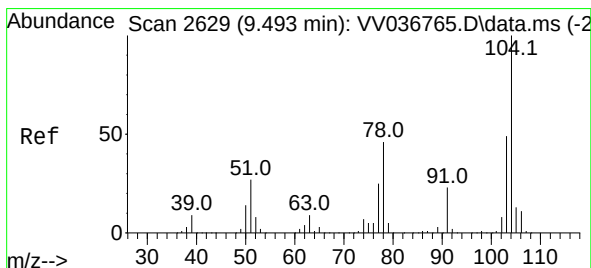
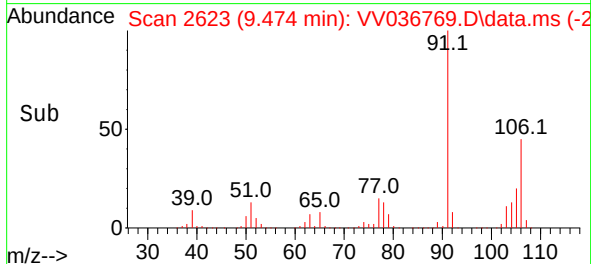
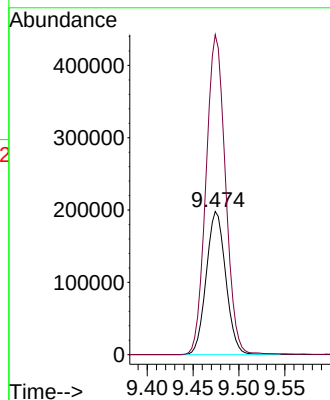
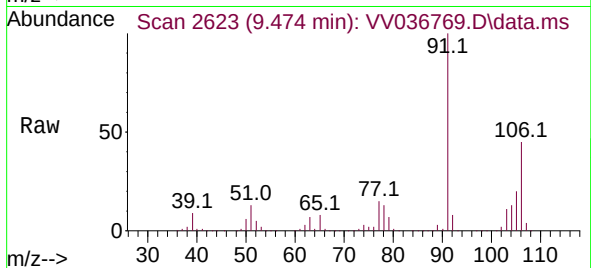




#54
o-Xylene
Concen: 51.504 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

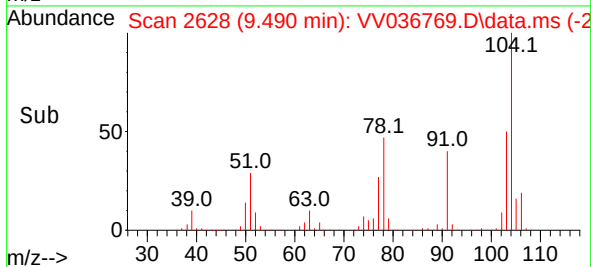
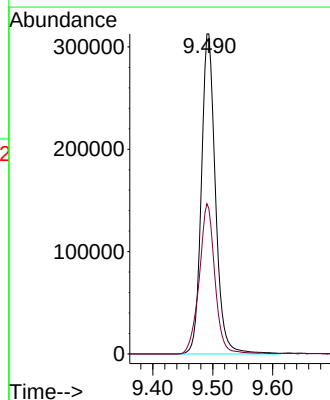
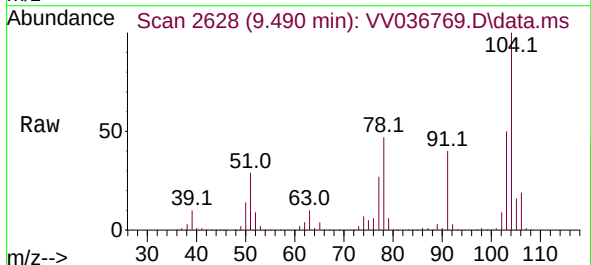
Instrument :
MSVOA_V
ClientSampleId :

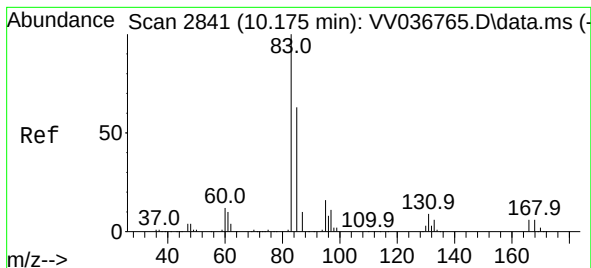
Tgt Ion:106 Resp: 293515
Ion Ratio Lower Upper
106 100
91 223.4 154.5 286.9



#55
Styrene
Concen: 52.583 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion:104 Resp: 513530
Ion Ratio Lower Upper
104 100
78 47.0 32.1 59.7

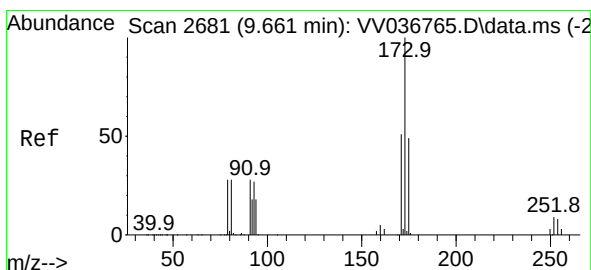
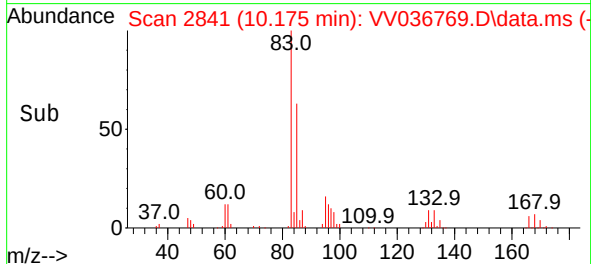
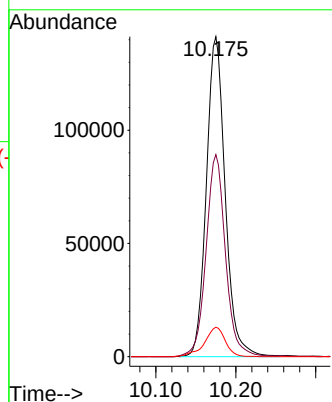
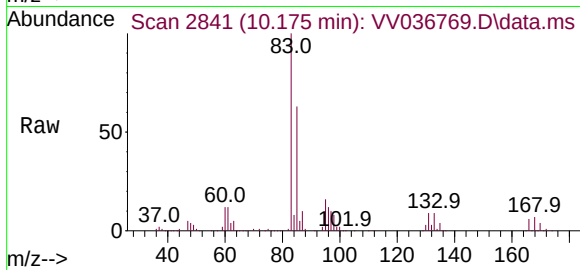




#57
1,1,2,2-Tetrachloroethane
Concen: 52.273 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

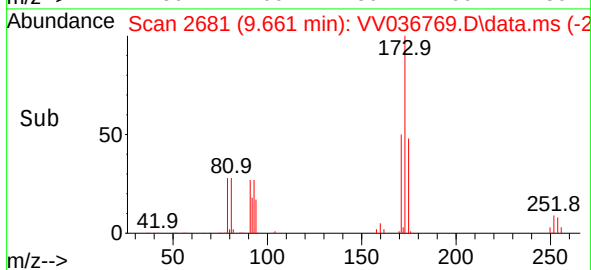
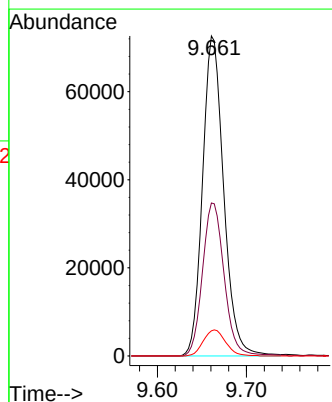
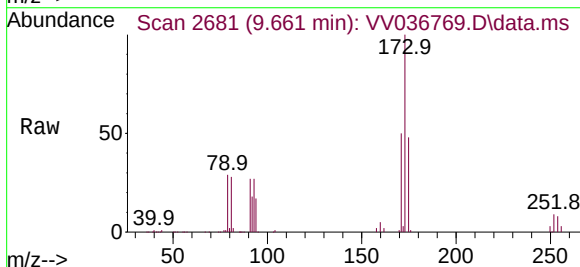
Instrument :
MSVOA_V
ClientSampleId :

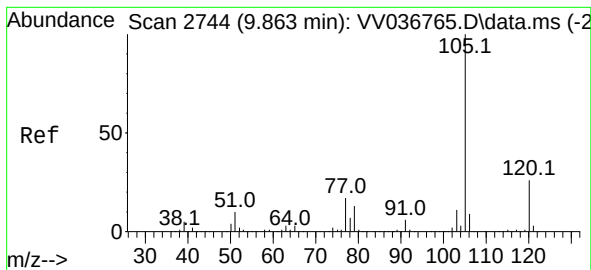
Tgt Ion: 83 Resp: 231923
Ion Ratio Lower Upper
83 100
85 63.1 44.7 83.1
131 9.2 7.2 10.8



#59
Bromoform
Concen: 51.824 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV036769.D
Acq: 02 Aug 2024 18:30

Tgt Ion: 173 Resp: 119752
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.8
254 8.6 6.8 10.2





#60

Isopropylbenzene

Concen: 52.641 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

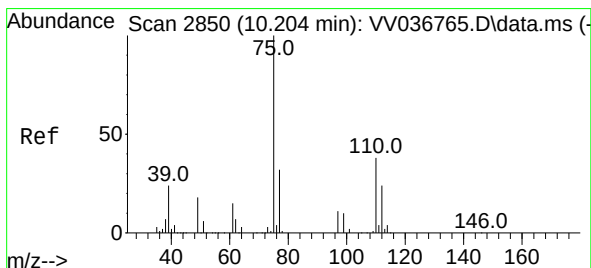
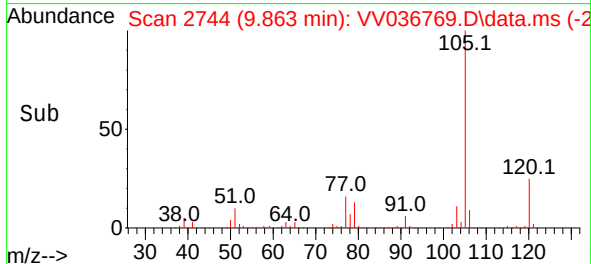
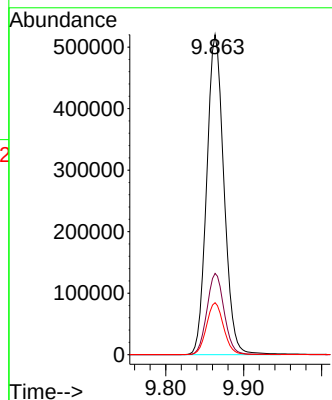
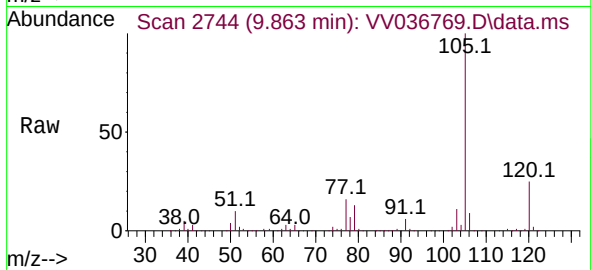
Tgt Ion:105 Resp: 800482

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

77 16.1 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 51.787 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

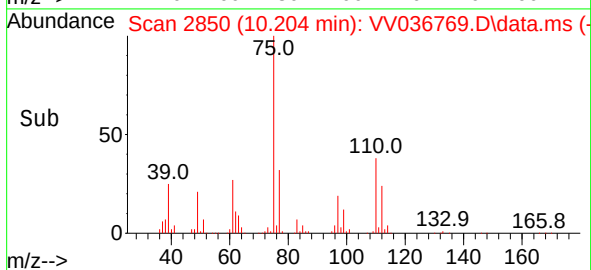
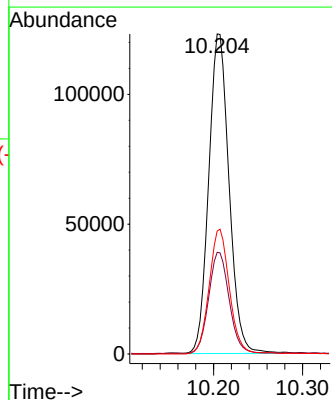
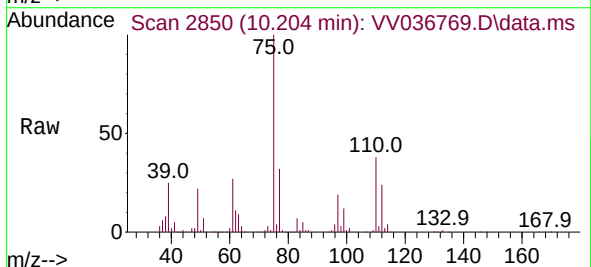
Tgt Ion: 75 Resp: 194721

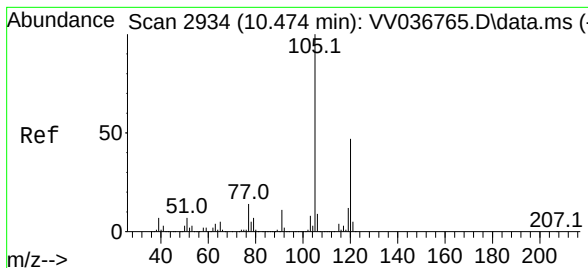
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 38.8 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 52.661 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

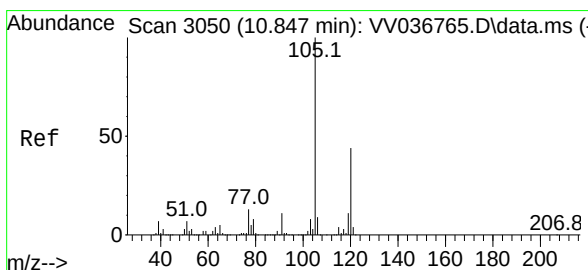
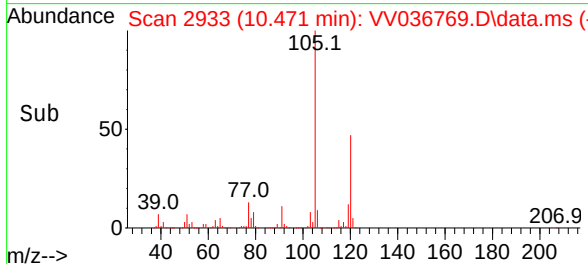
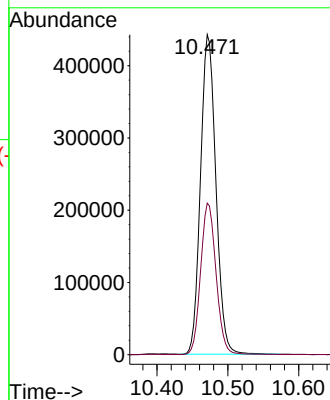
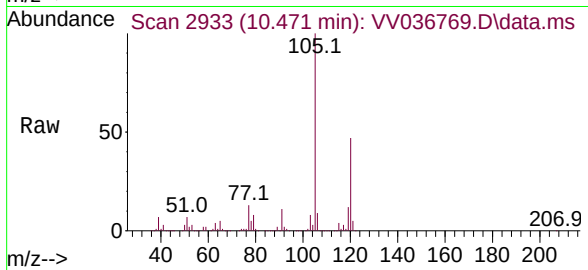
ClientSampleId :

Tgt Ion:105 Resp: 666685

Ion Ratio Lower Upper

105 100

120 47.4 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 53.050 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036769.D

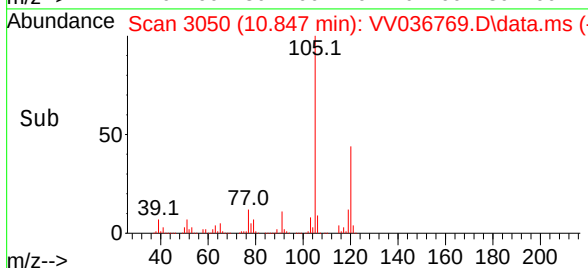
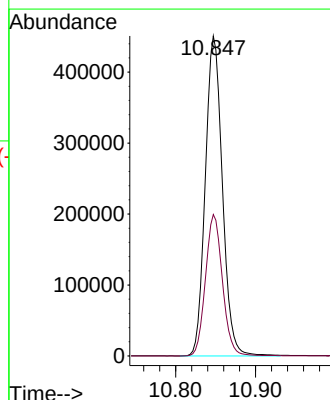
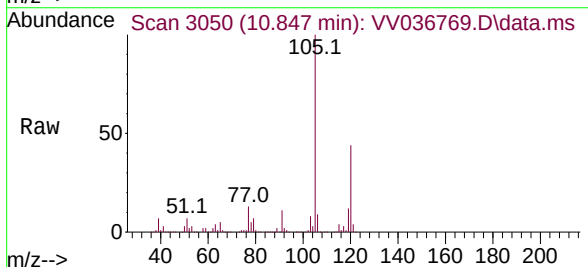
Acq: 02 Aug 2024 18:30

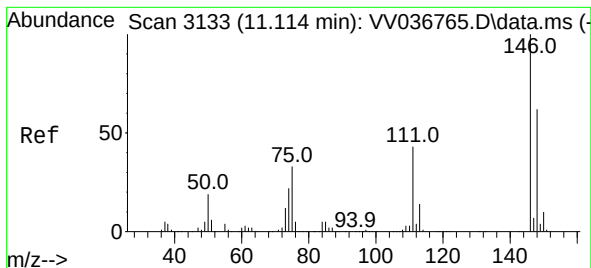
Tgt Ion:105 Resp: 672310

Ion Ratio Lower Upper

105 100

120 43.8 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 52.197 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

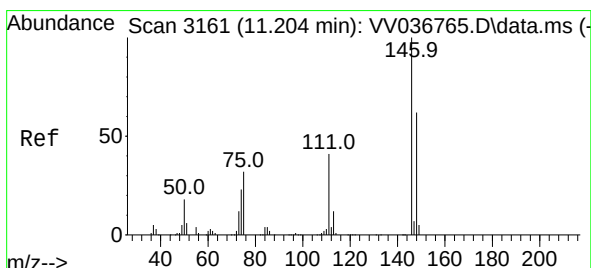
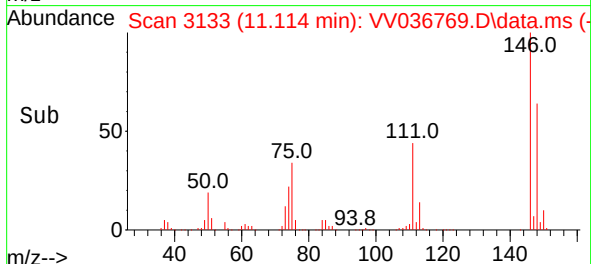
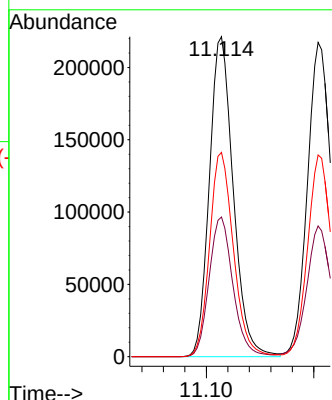
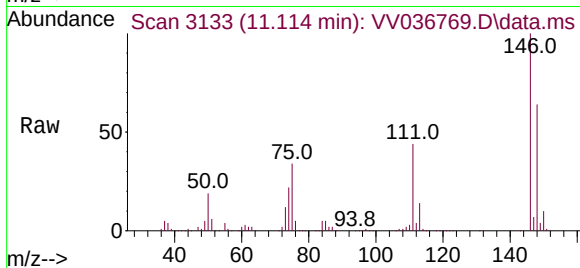
Tgt Ion:146 Resp: 341322

Ion Ratio Lower Upper

146 100

111 43.7 29.8 55.4

148 63.9 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 52.206 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

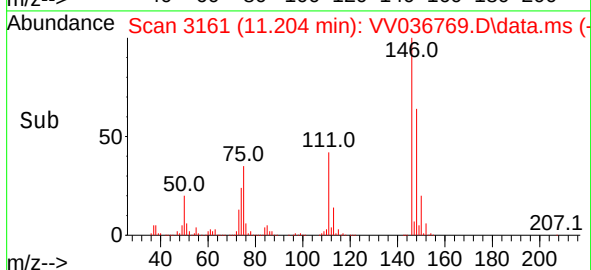
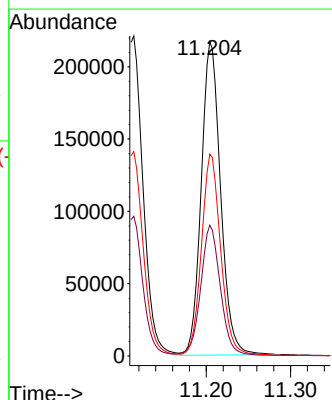
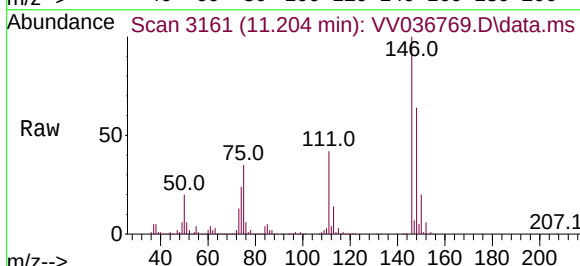
Tgt Ion:146 Resp: 347155

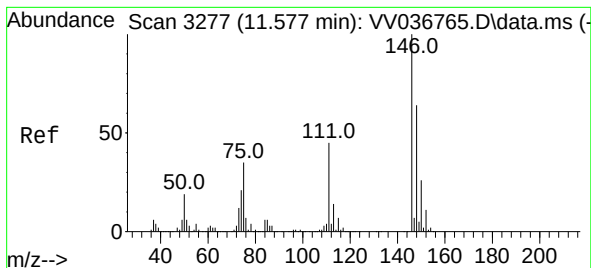
Ion Ratio Lower Upper

146 100

111 41.6 29.0 53.9

148 64.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 52.104 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

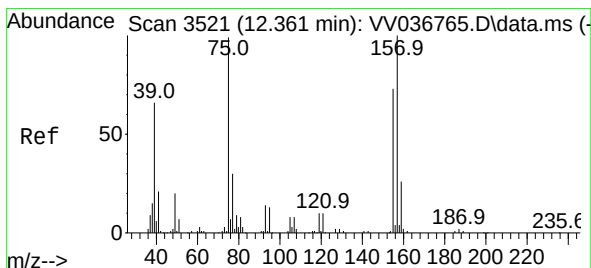
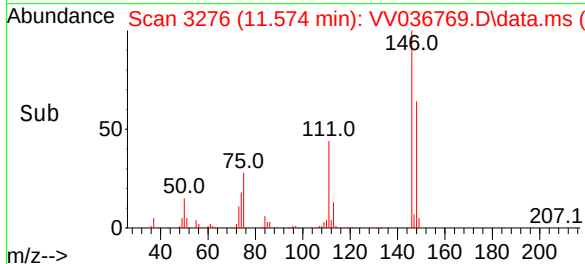
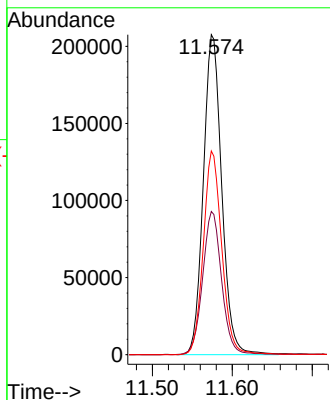
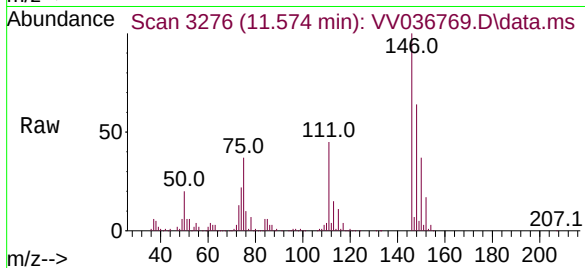
Tgt Ion:146 Resp: 332763

Ion Ratio Lower Upper

146 100

111 44.8 35.7 53.5

148 63.7 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.072 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

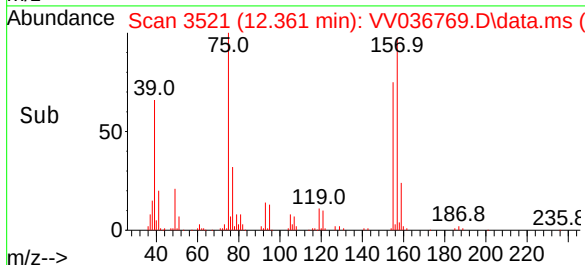
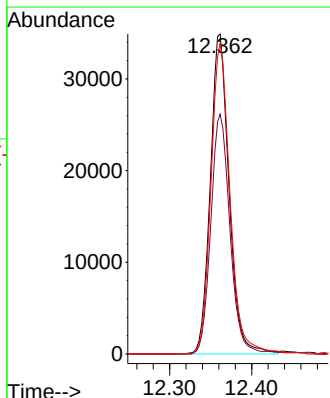
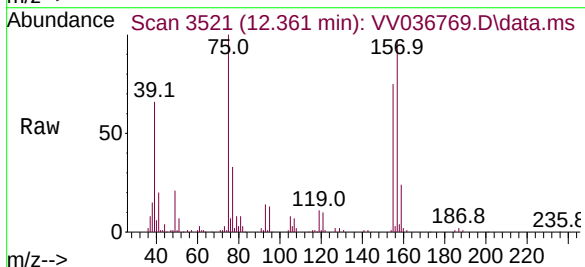
Tgt Ion: 75 Resp: 55493

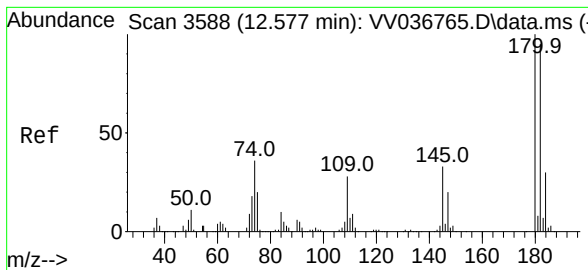
Ion Ratio Lower Upper

75 100

155 74.9 59.5 89.3

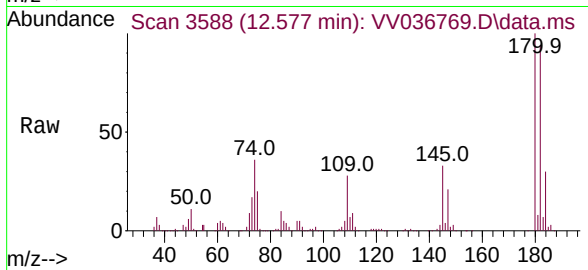
157 97.1 81.0 121.4



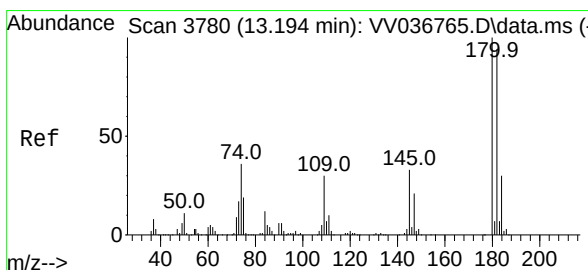
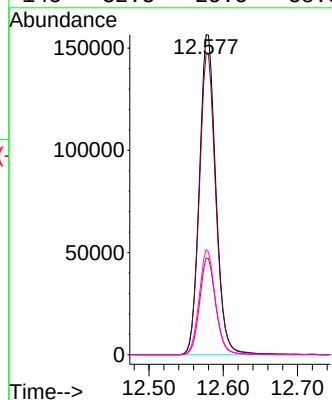
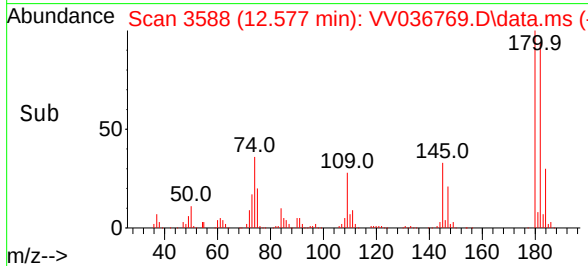


#69
 1,3,5-Trichlorobenzene
 Concen: 51.981 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. 0.000 min
 Lab File: VV036769.D
 Acq: 02 Aug 2024 18:30

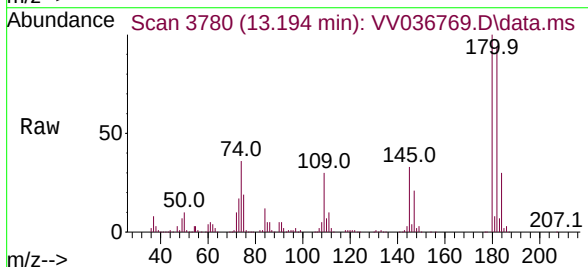
Instrument :
 MSVOA_V
 ClientSampleId :



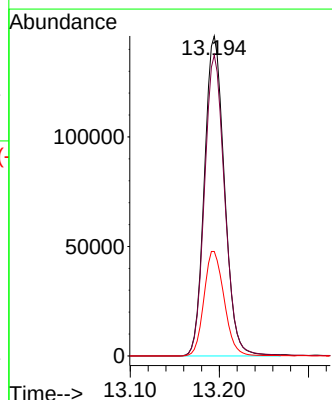
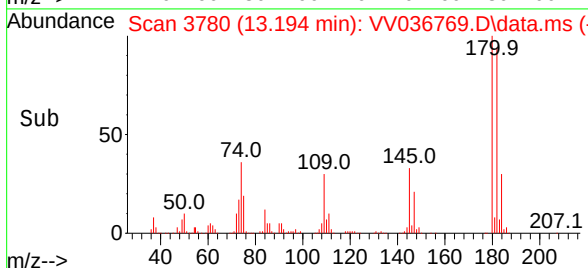
Tgt Ion:180 Resp: 241222
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.0 112.6
 184 29.8 23.7 35.5
 145 32.3 25.5 38.3

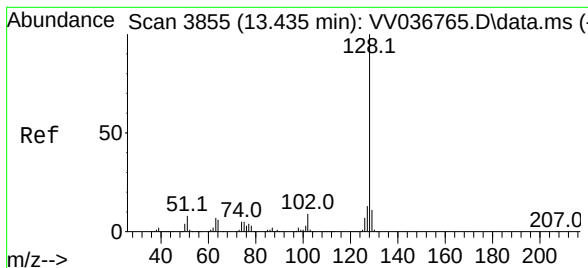


#70
 1,2,4-trichlorobenzene
 Concen: 51.198 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV036769.D
 Acq: 02 Aug 2024 18:30



Tgt Ion:180 Resp: 227866
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.1 112.7
 145 32.9 26.5 39.7





#71

Naphthalene

Concen: 53.045 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.003 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

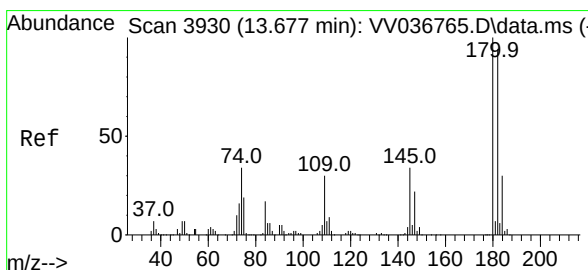
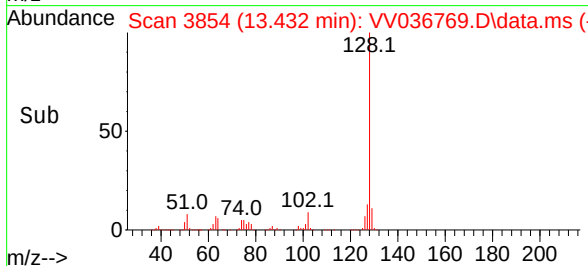
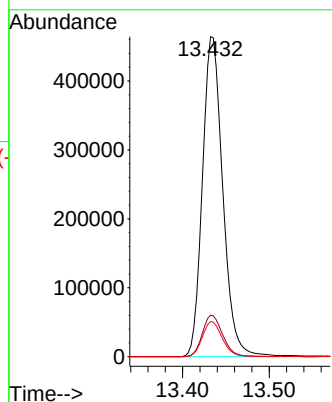
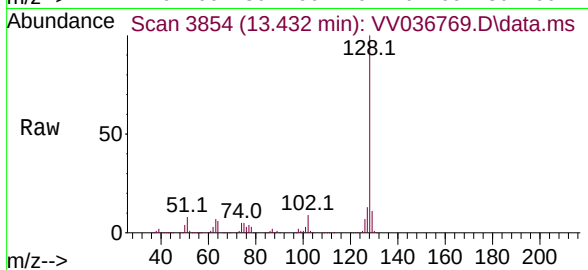
Tgt Ion:128 Resp: 757069

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.986 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036769.D

Acq: 02 Aug 2024 18:30

Tgt Ion:180 Resp: 226483

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 34.8 27.8 41.6

