

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036765.D
 Acq On : 02 Aug 2024 16:38
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 02 23:23:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	451171	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	423384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	209589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	190088	56.608	ug/L	0.00
7) Chloroethane-d5	1.532	69	148274	55.861	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	80269	54.052	ug/L	0.00
21) 2-Butanone-d5	3.796	46	179817	116.750	ug/L	0.00
24) Chloroform-d	4.246	84	339509	54.636	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	222457	55.504	ug/L	0.00
32) Benzene-d6	4.953	84	684174	55.906	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	219568	55.760	ug/L	0.00
41) Toluene-d8	7.239	98	625840	56.356	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	114552	56.280	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	128495	120.101	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	248492	56.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	221812	55.877	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	190612	58.053	ug/L	100
3) Chloromethane	1.220	50	196450	54.495	ug/L	100
5) Vinyl chloride	1.282	62	201027	53.592	ug/L	100
6) Bromomethane	1.487	94	124583	51.323	ug/L	100
8) Chloroethane	1.548	64	122582	51.897	ug/L	100
9) Trichlorofluoromethane	1.712	101	249923	50.847	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	147297	50.390	ug/L	100
12) 1,1-Dichloroethene	2.069	96	141524	50.629	ug/L	100
13) Acetone	2.114	43	146555	94.609	ug/L	100
14) Carbon disulfide	2.236	76	452944	51.405	ug/L	100
15) Methyl Acetate	2.371	43	166985	52.871	ug/L	100
16) Methylene chloride	2.442	84	161591	51.098	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	149328	51.355	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	525589	51.583	ug/L	100
19) 1,1-Dichloroethane	3.105	63	300949	51.280	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	174329	50.650	ug/L	100
22) 2-Butanone	3.879	43	209943	107.848	ug/L	100
23) Bromochloromethane	4.143	128	85361	51.359	ug/L	100
25) Chloroform	4.272	83	311277	51.033	ug/L	100
27) 1,2-Dichloroethane	5.037	62	243685	51.556	ug/L	100
29) Cyclohexane	4.571	56	270557	50.998	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	267195	50.893	ug/L	100
31) Carbon tetrachloride	4.725	117	226655	51.353	ug/L	100
33) Benzene	5.005	78	658479	52.750	ug/L	100
34) Trichloroethene	5.828	95	184995	51.116	ug/L	100
35) Methylcyclohexane	6.043	83	277140	50.519	ug/L	100
37) 1,2-Dichloropropane	6.092	63	175727	53.464	ug/L	100
38) Bromodichloromethane	6.429	83	233317	51.172	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	301480	52.767	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	435153	109.490	ug/L	100
42) Toluene	7.310	91	691157	52.319	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	272798	51.509	ug/L	100

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

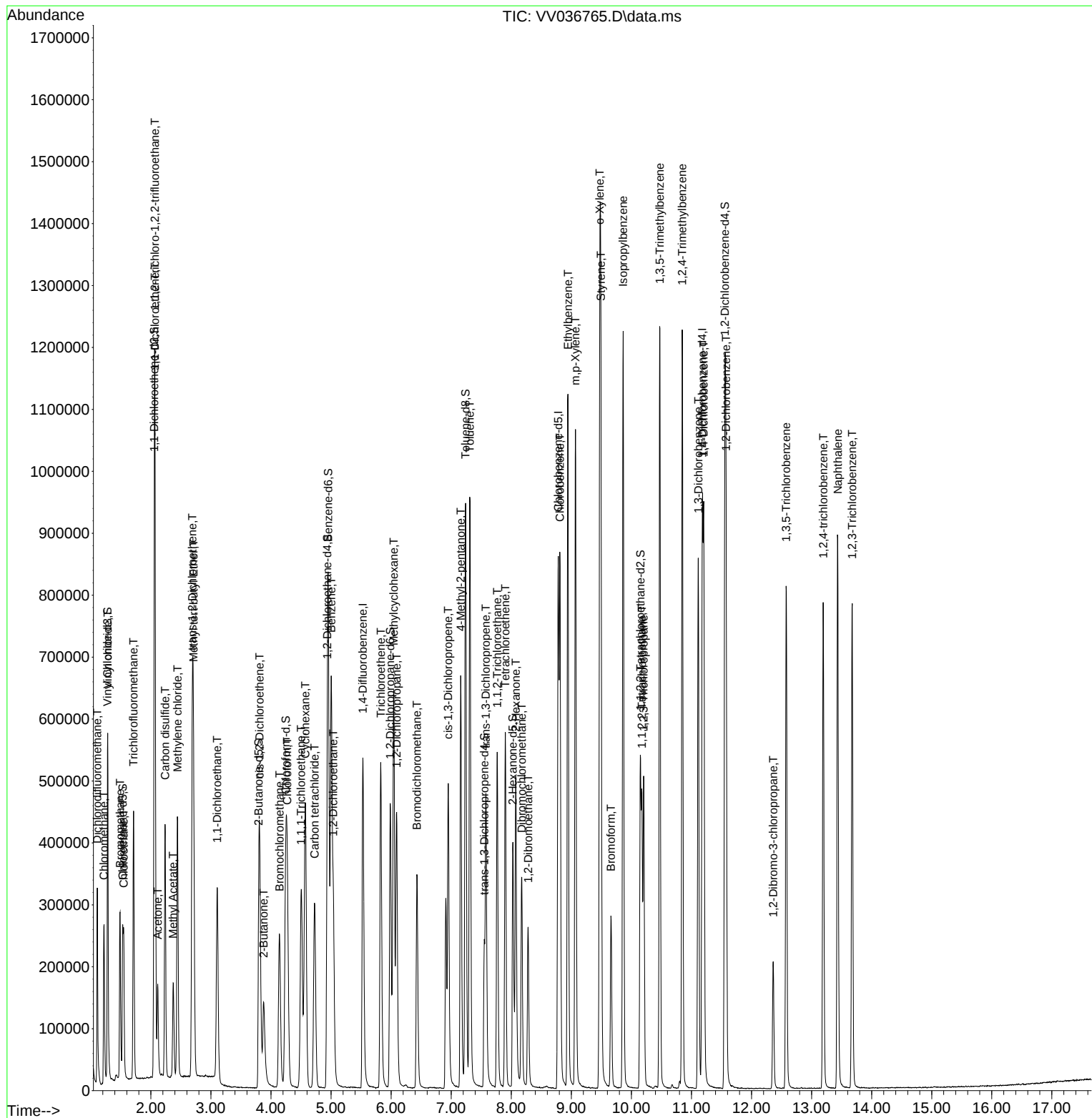
45) 1,1,2-Trichloroethane	7.767	97	165815	52.574	ug/L	100
46) Tetrachloroethene	7.902	164	120251	51.120	ug/L	100
48) 2-Hexanone	8.075	43	321723	107.478	ug/L	100
49) Dibromochloromethane	8.175	129	171074	51.716	ug/L	100
50) 1,2-Dibromoethane	8.281	107	175944	52.767	ug/L	100
51) Chlorobenzene	8.812	112	434862	50.835	ug/L	100
52) Ethylbenzene	8.944	91	779903	51.200	ug/L	100
53) m,p-Xylene	9.069	106	287046	51.418	ug/L	100
54) o-Xylene	9.474	106	285386	51.369	ug/L	100
55) Styrene	9.493	104	492268	51.777	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	222614	52.518	ug/L	100
59) Bromoform	9.661	173	116904	51.486	ug/L	100
60) Isopropylbenzene	9.863	105	767119	51.515	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	191299	52.856	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	646188	51.799	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	643652	51.902	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	329583	50.935	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	333773	50.604	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	323314	51.201	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	54199	52.336	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	232261	51.397	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	218325	50.587	ug/L	100
71) Naphthalene	13.435	128	694104	51.387	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	215400	51.338	ug/L	100

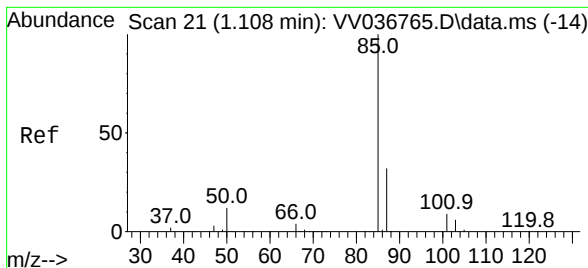
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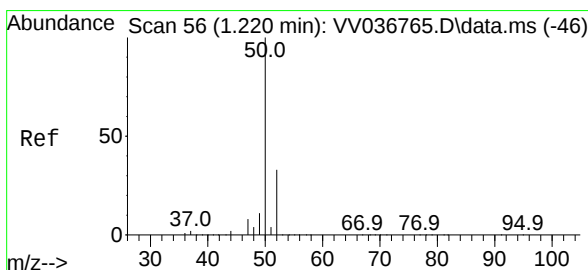
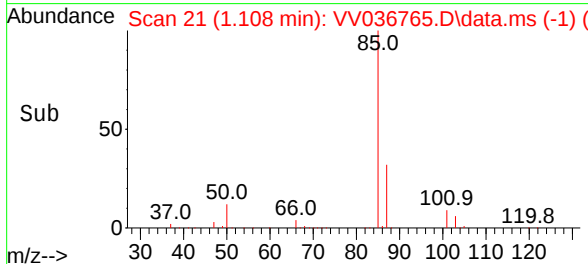
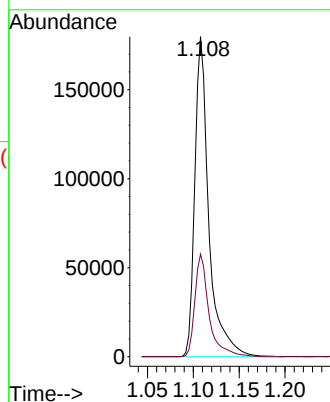
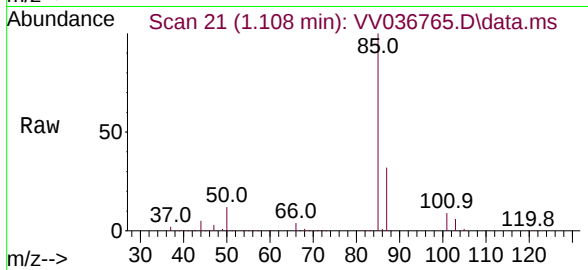




#2
 Dichlorodifluoromethane
 Concen: 58.053 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036765.D
 Acq: 02 Aug 2024 16:38

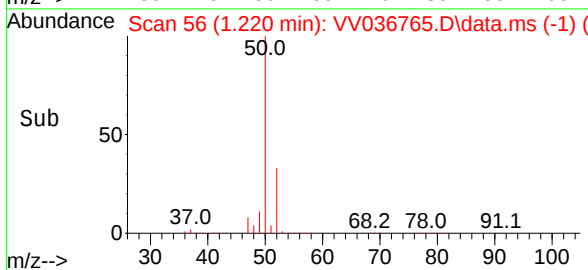
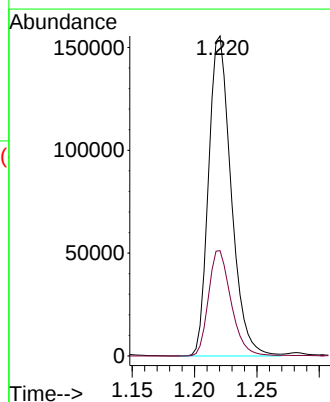
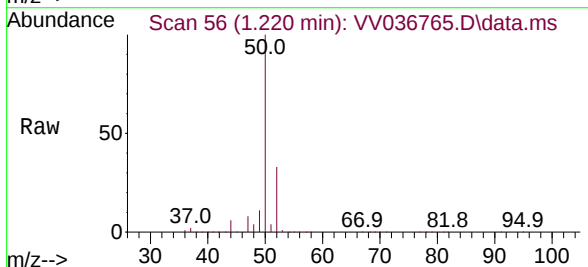
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 ClientSampleId :

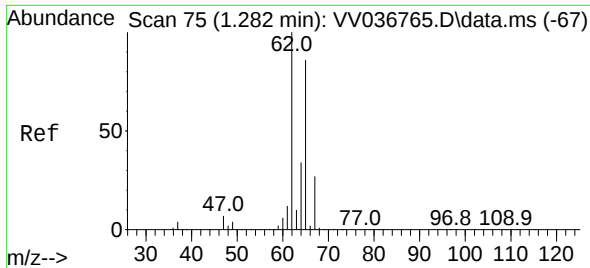
Tgt Ion: 85 Resp: 190612
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 54.495 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VV036765.D
 Acq: 02 Aug 2024 16:38

Tgt Ion: 50 Resp: 196450
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

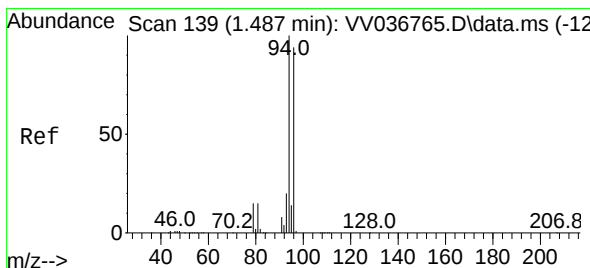
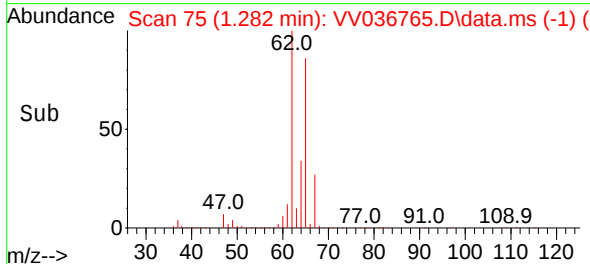
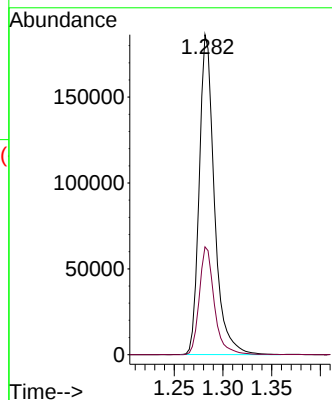
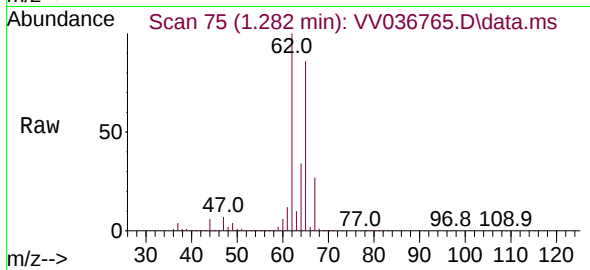




#5
 Vinyl chloride
 Concen: 53.592 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV036765.D
 Acq: 02 Aug 2024 16:38

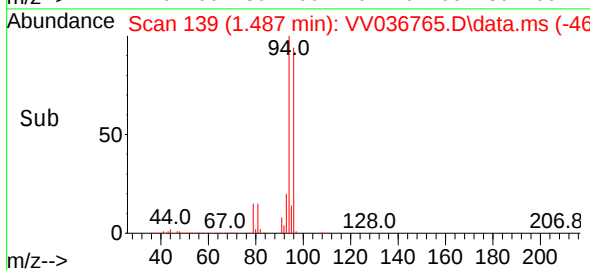
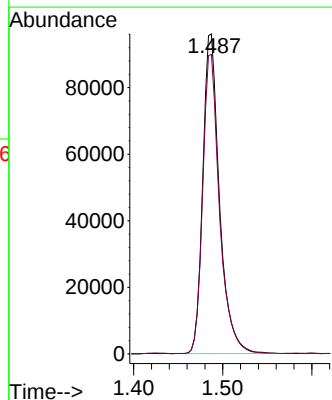
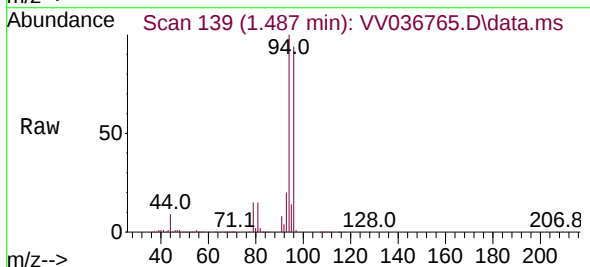
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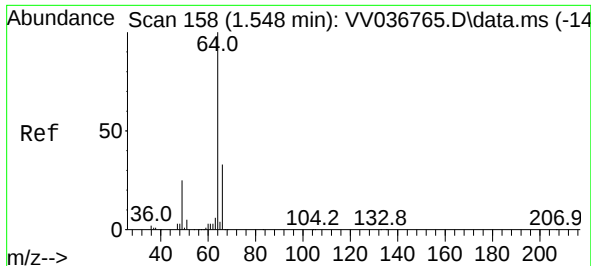
Tgt Ion: 62 Resp: 201027
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.6 43.8



#6
 Bromomethane
 Concen: 51.323 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV036765.D
 Acq: 02 Aug 2024 16:38

Tgt Ion: 94 Resp: 124583
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.5 121.7

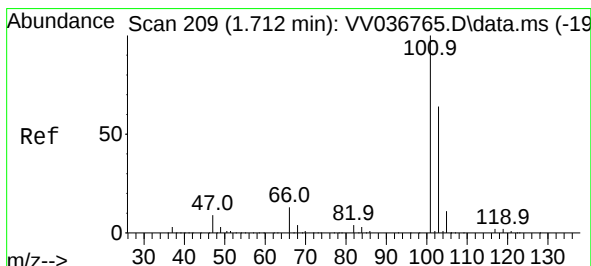
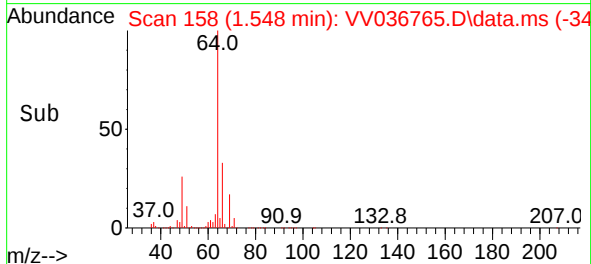
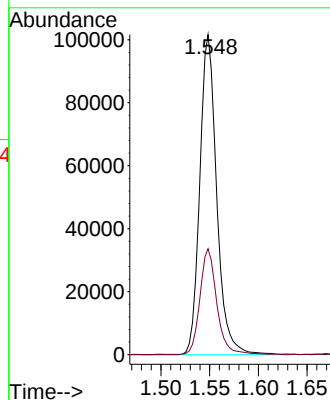
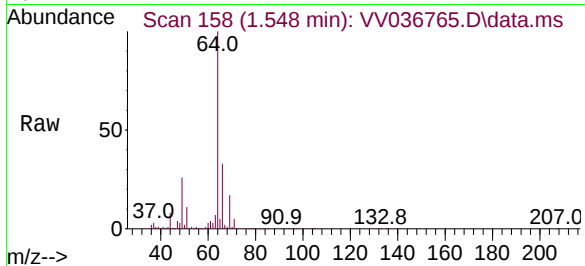




#8
Chloroethane
Concen: 51.897 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

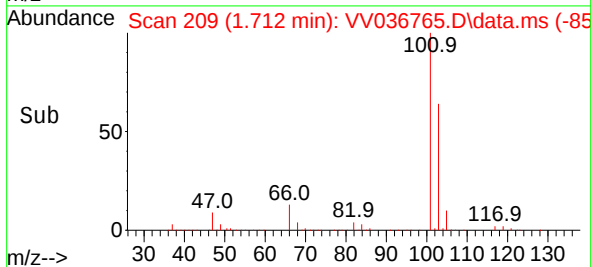
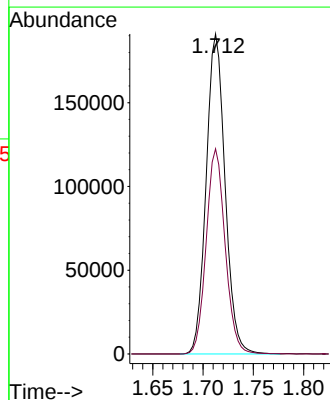
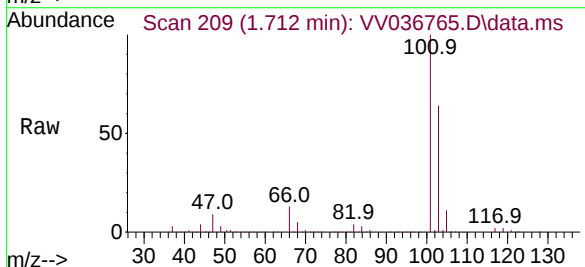
Instrument :
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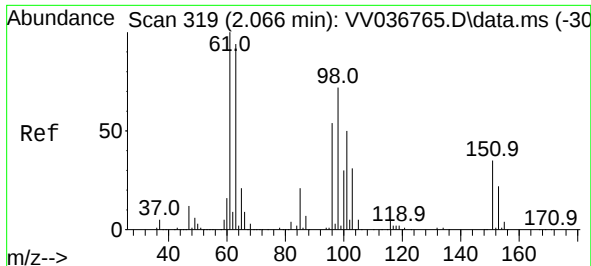
Tgt Ion: 64 Resp: 122582
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 50.847 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion:101 Resp: 249923
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

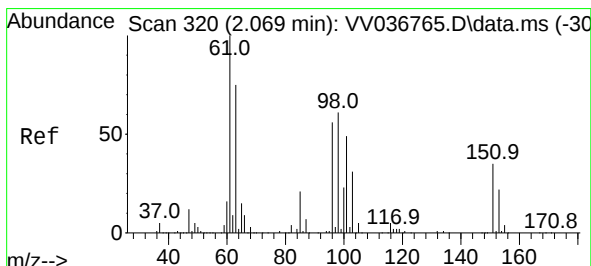
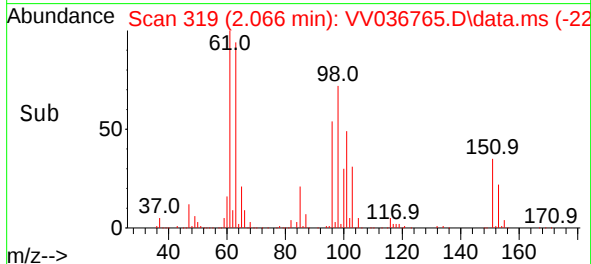
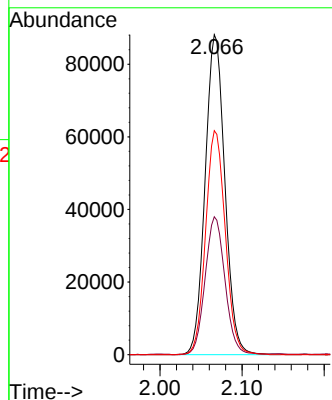
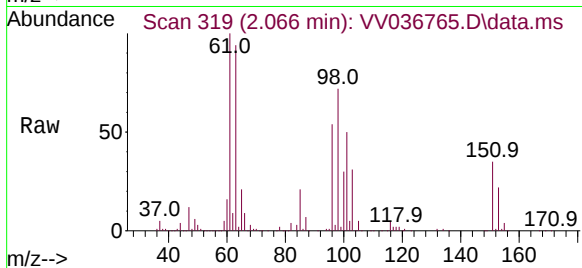




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.390 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

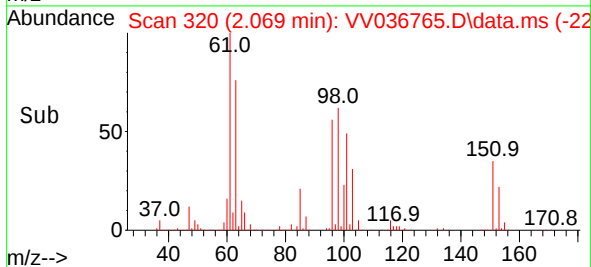
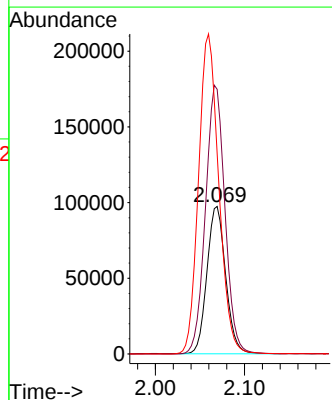
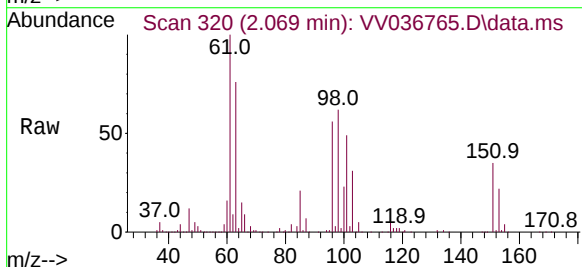
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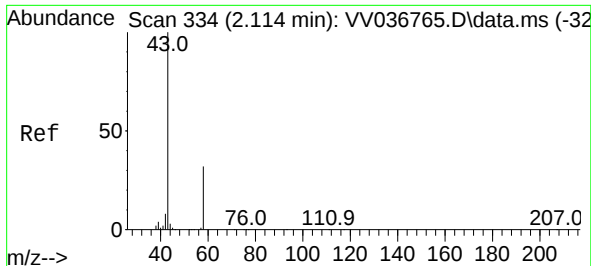
Tgt Ion:101 Resp: 147297
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 69.9 55.9 83.9



#12
1,1-Dichloroethene
Concen: 50.629 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 96 Resp: 141524
Ion Ratio Lower Upper
96 100
61 179.4 125.6 233.2
63 135.9 95.1 176.7





#13

Acetone

Concen: 94.609 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

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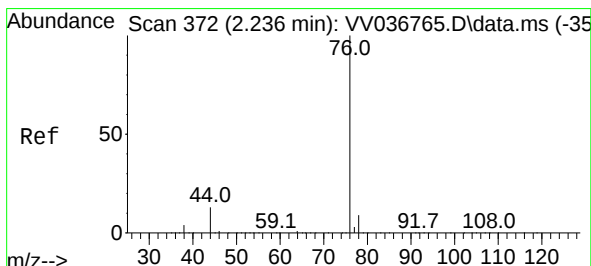
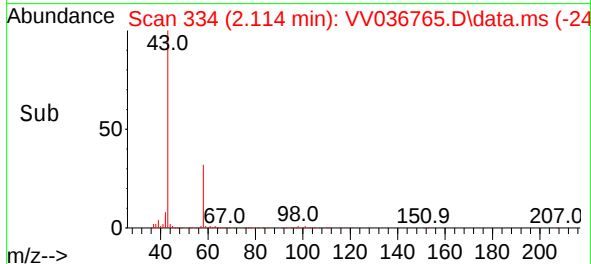
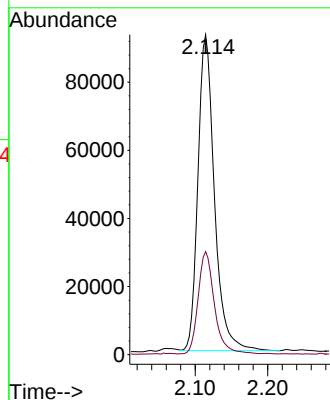
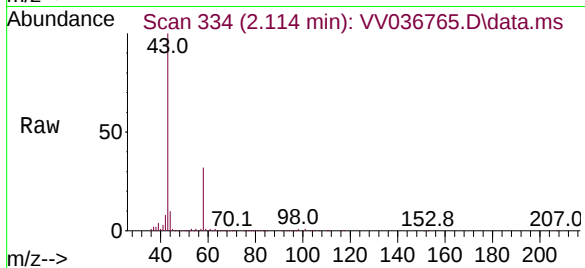
ClientSampleId :

Tgt Ion: 43 Resp: 146555

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.4



#14

Carbon disulfide

Concen: 51.405 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036765.D

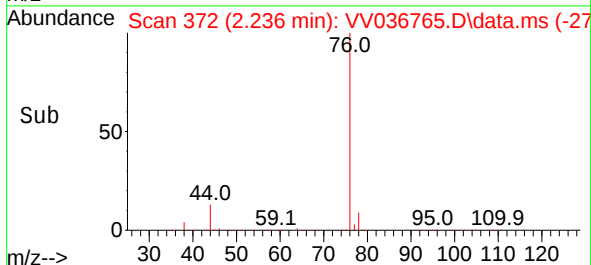
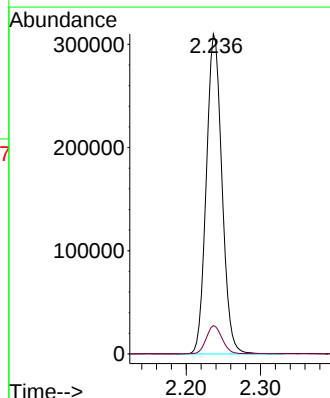
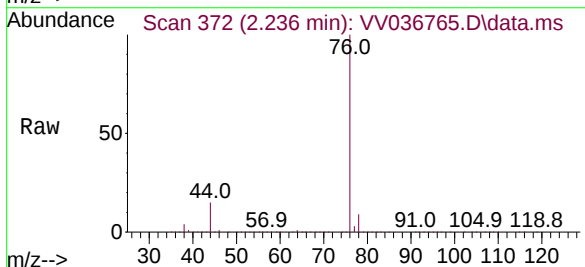
Acq: 02 Aug 2024 16:38

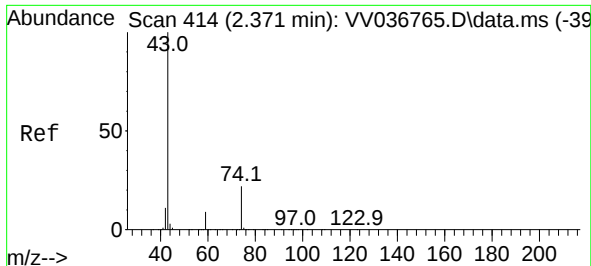
Tgt Ion: 76 Resp: 452944

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 52.871 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

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MSVOA_V

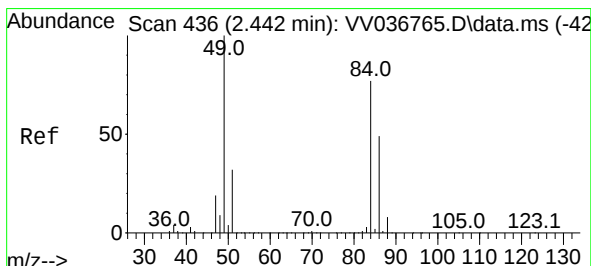
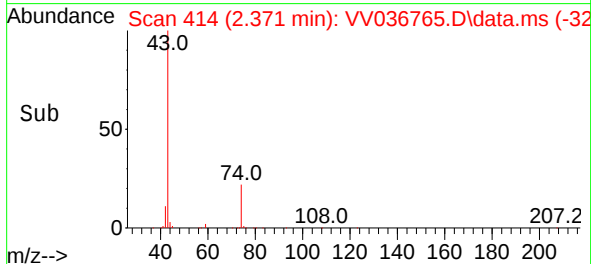
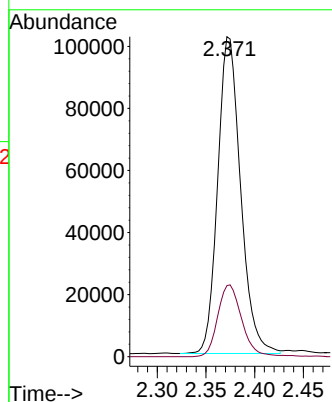
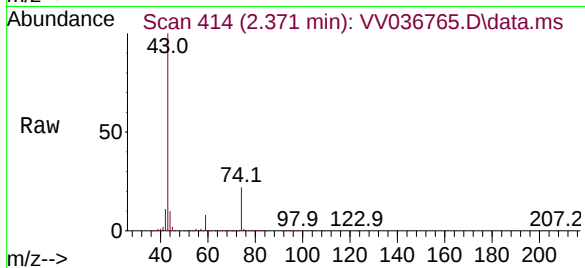
ClientSampleId :

Tgt Ion: 43 Resp: 166985

Ion Ratio Lower Upper

43 100

74 23.7 19.0 28.4



#16

Methylene chloride

Concen: 51.098 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

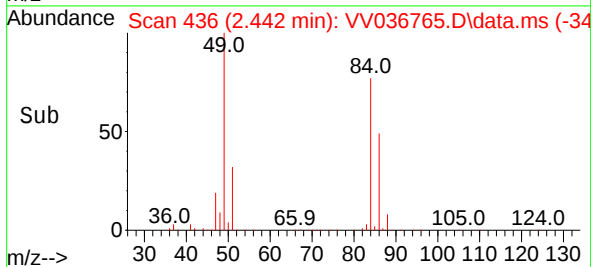
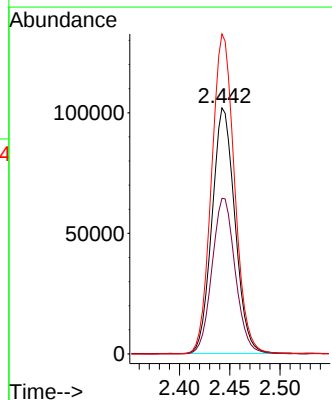
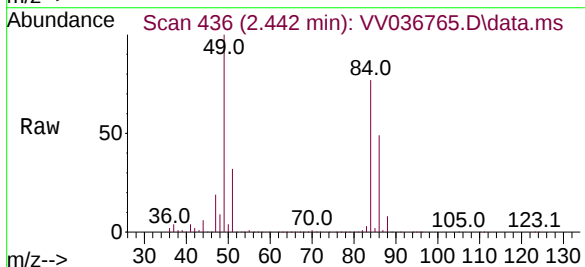
Tgt Ion: 84 Resp: 161591

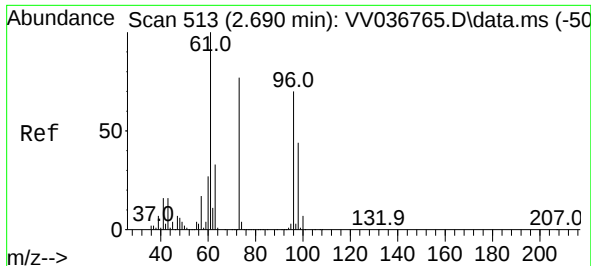
Ion Ratio Lower Upper

84 100

86 63.3 44.3 82.3

49 130.1 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 51.355 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :

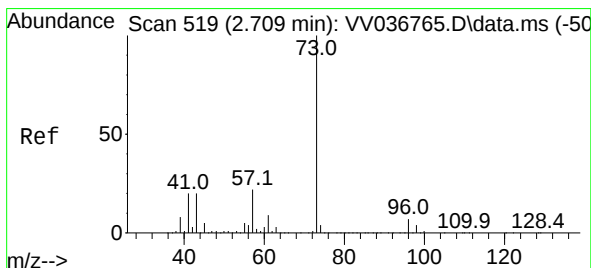
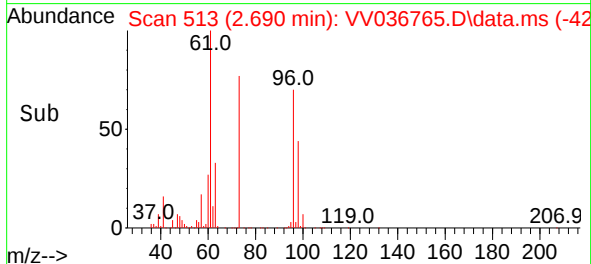
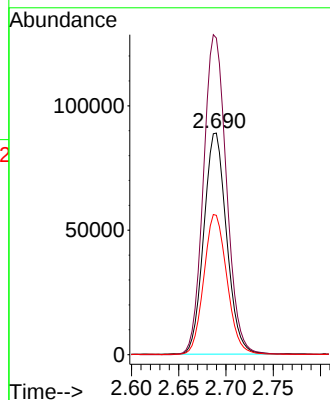
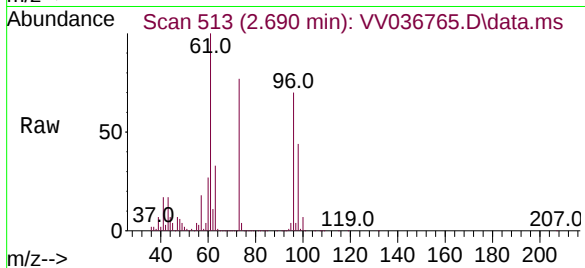
Tgt Ion: 96 Resp: 149328

Ion Ratio Lower Upper

96 100

61 142.9 100.0 185.8

98 62.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 51.583 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

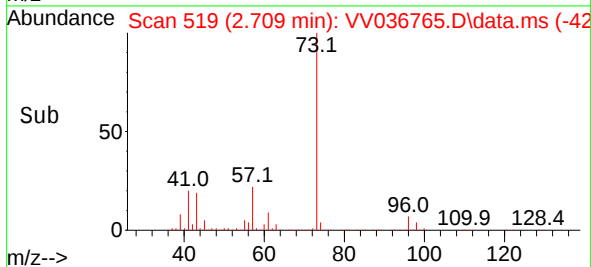
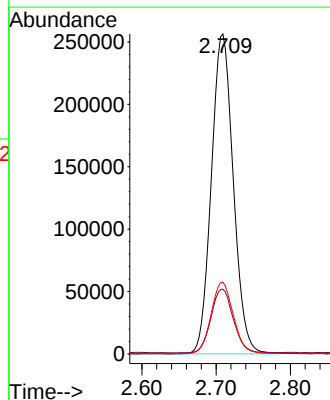
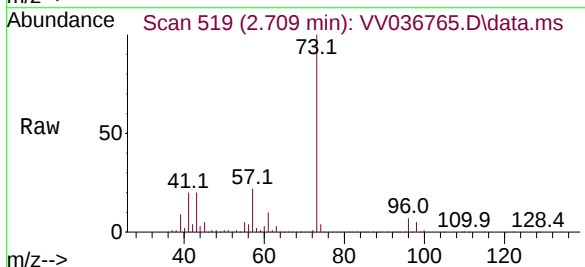
Tgt Ion: 73 Resp: 525589

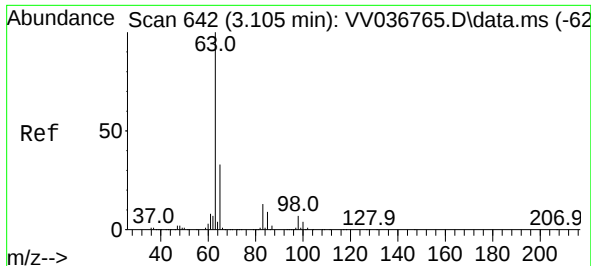
Ion Ratio Lower Upper

73 100

43 20.1 16.1 24.1

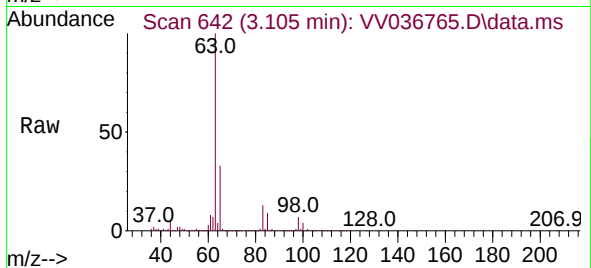
57 22.4 17.9 26.9



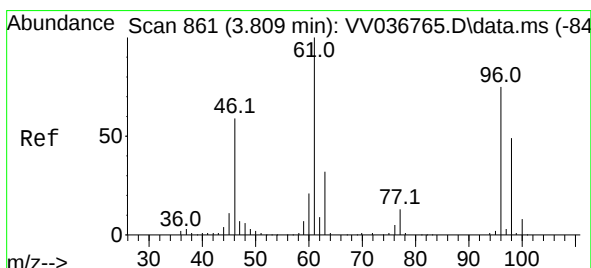
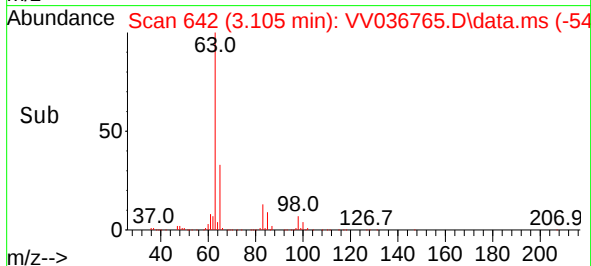
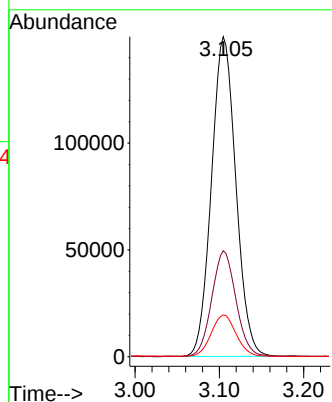


#19
1,1-Dichloroethane
Concen: 51.280 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Instrument :
MSVOA_V
ClientSampleId :

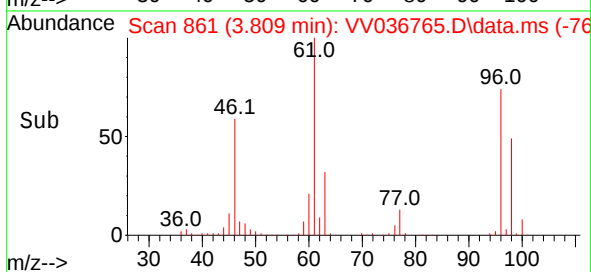
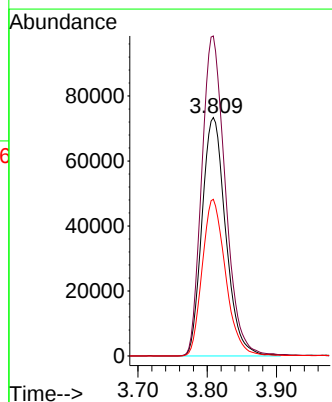
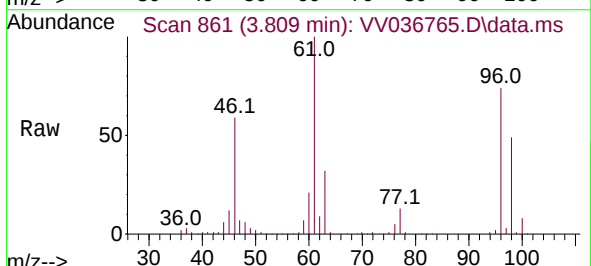


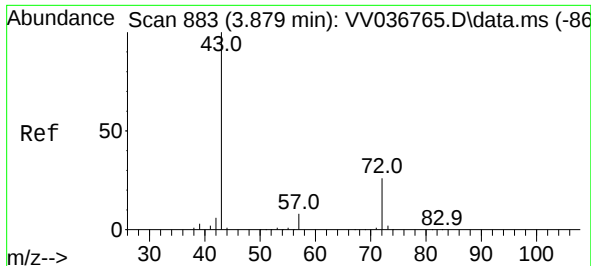
Tgt Ion: 63 Resp: 300949
Ion Ratio Lower Upper
63 100
65 33.1 23.2 43.0
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 50.650 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 96 Resp: 174329
Ion Ratio Lower Upper
96 100
61 134.2 93.9 174.5
98 65.7 46.0 85.4

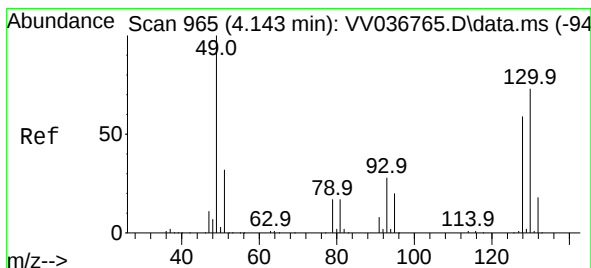
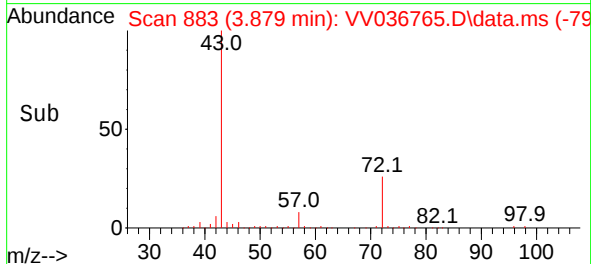
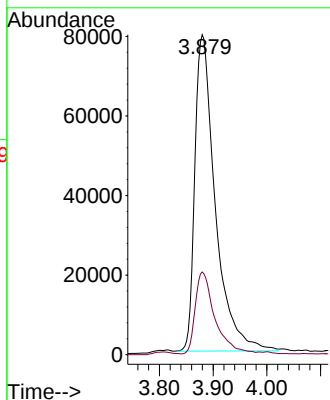
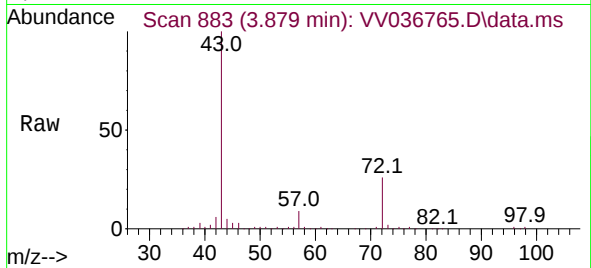




#22
2-Butanone
Concen: 107.848 ug/L
RT: 3.879 min Scan# 883
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

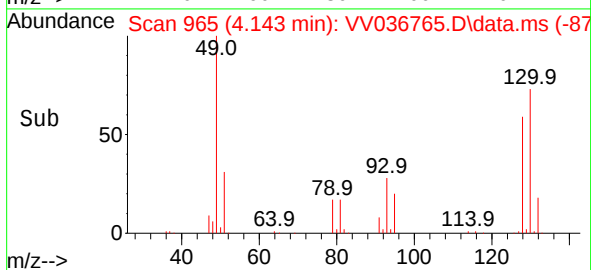
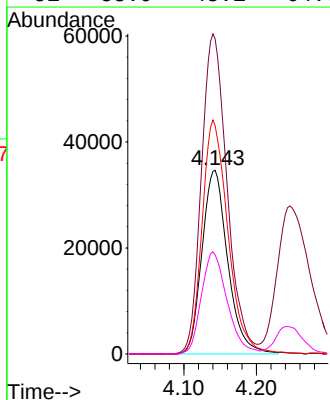
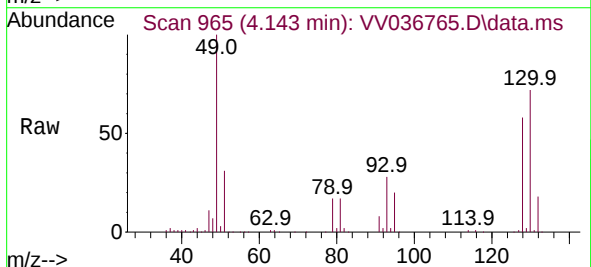
Instrument :
MSVOA_V
ClientSampleId :

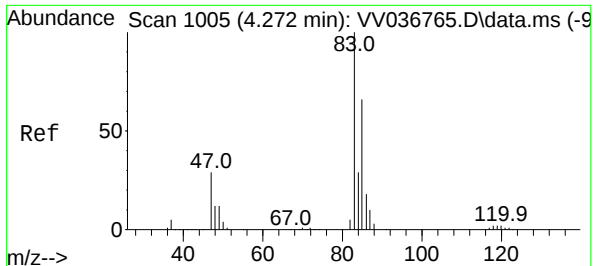
Tgt Ion: 43 Resp: 209943
Ion Ratio Lower Upper
43 100
72 25.0 12.5 37.5



#23
Bromochloromethane
Concen: 51.359 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 128 Resp: 85361
Ion Ratio Lower Upper
128 100
49 171.5 120.0 223.0
130 124.3 87.0 161.6
51 53.9 43.1 64.7





#25

Chloroform

Concen: 51.033 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

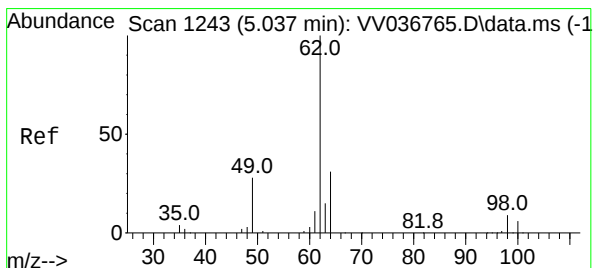
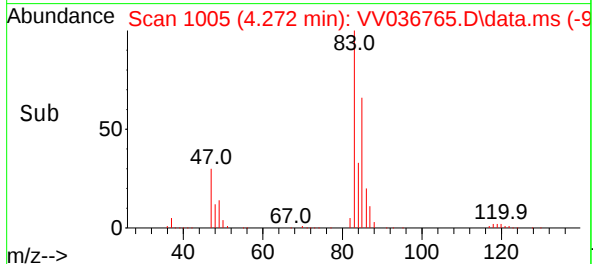
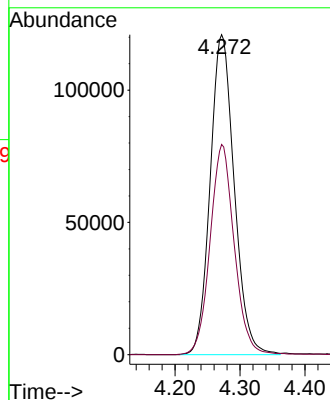
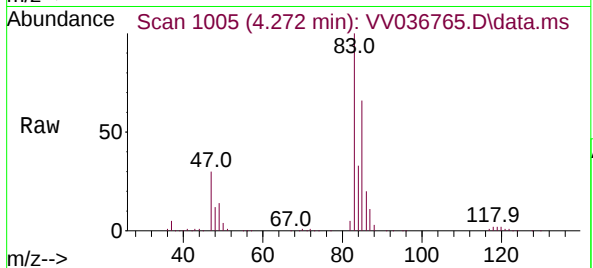
ClientSampleId :

Tgt Ion: 83 Resp: 311277

Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.556 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036765.D

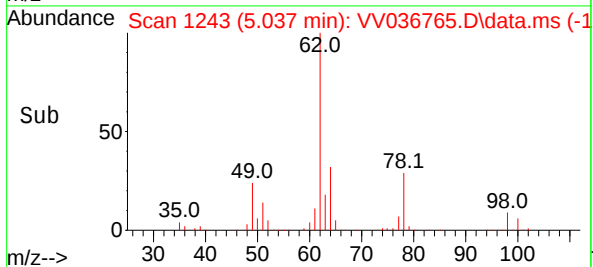
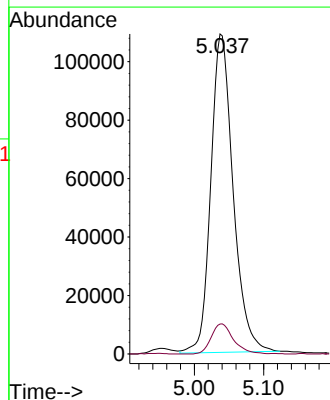
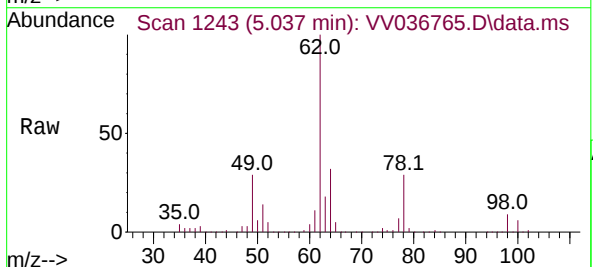
Acq: 02 Aug 2024 16:38

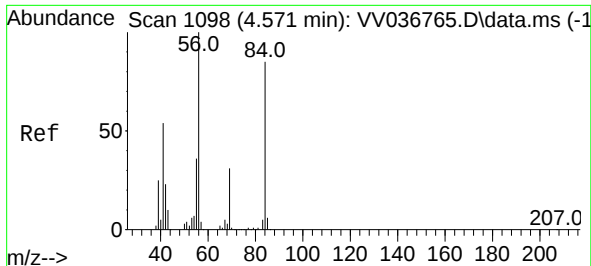
Tgt Ion: 62 Resp: 243685

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 50.998 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

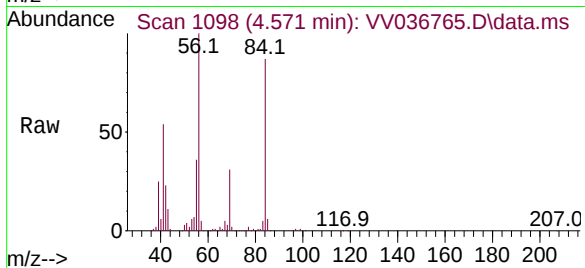
Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

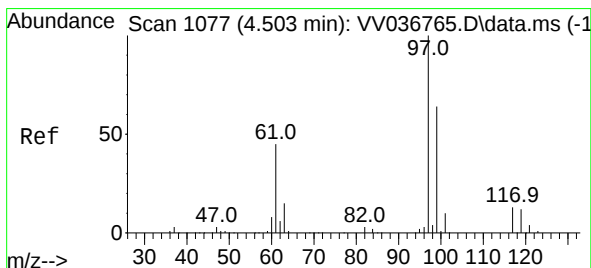
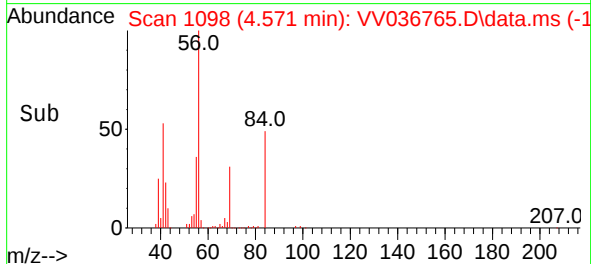
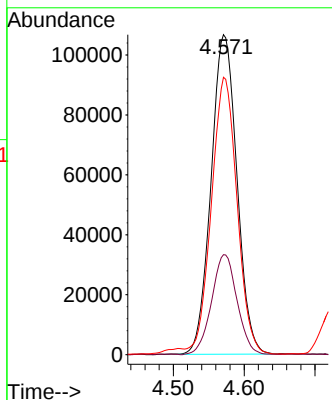
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	56	Resp:	270557
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.7	37.1
84	85.6	68.5	102.7



#30

1,1,1-Trichloroethane

Concen: 50.893 ug/L

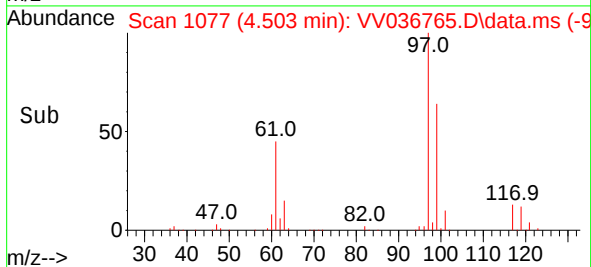
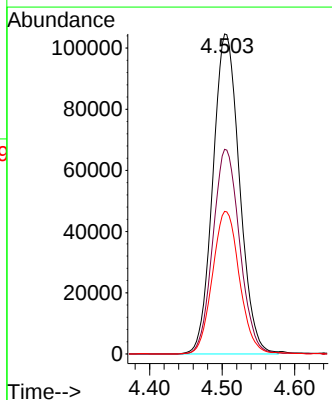
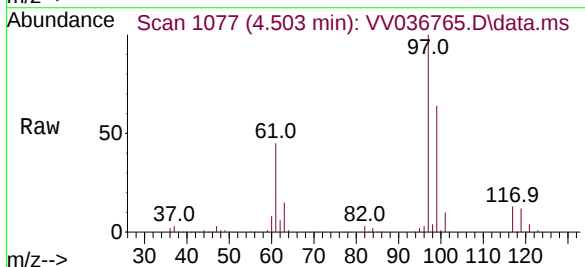
RT: 4.503 min Scan# 1077

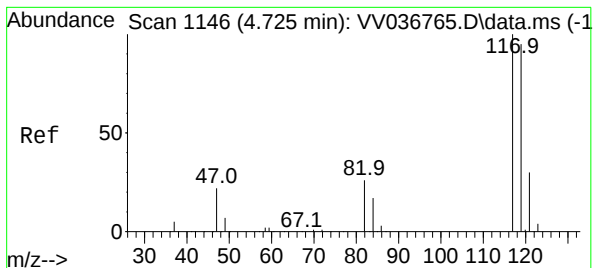
Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Tgt Ion:	97	Resp:	267195
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.5	77.3
61	45.0	36.0	54.0





#31

Carbon tetrachloride

Concen: 51.353 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

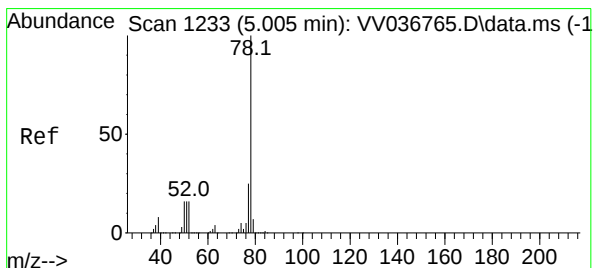
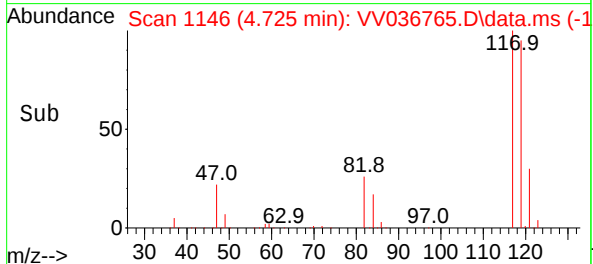
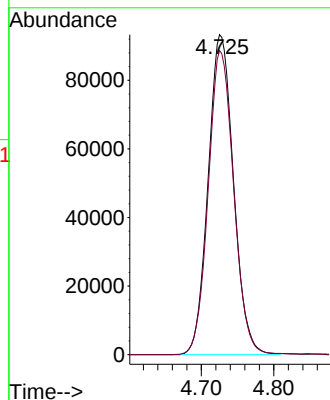
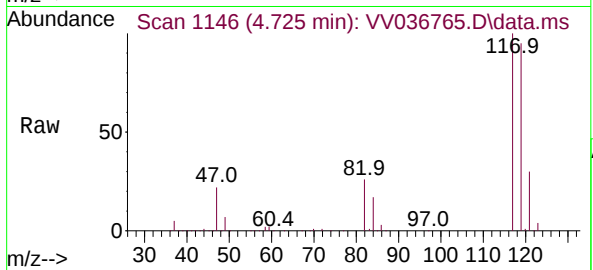
ClientSampleId :

Tgt Ion:117 Resp: 226655

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1



#33

Benzene

Concen: 52.750 ug/L

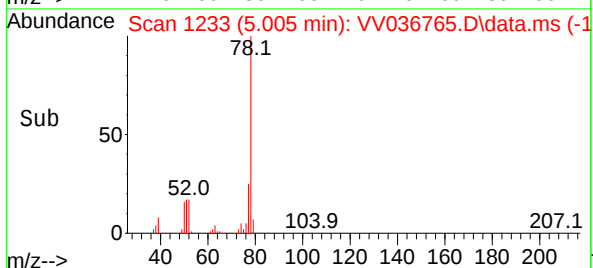
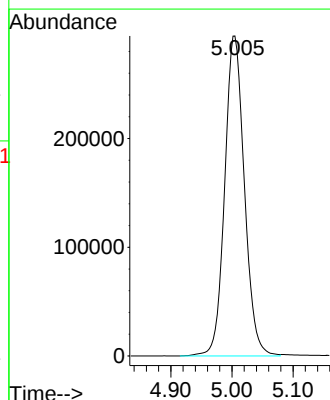
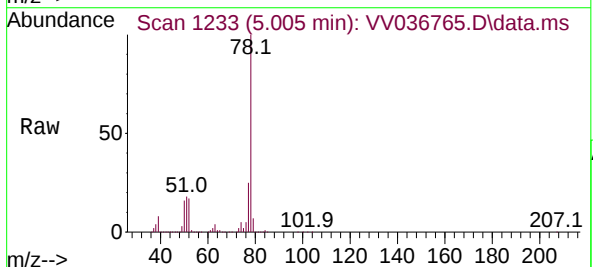
RT: 5.005 min Scan# 1233

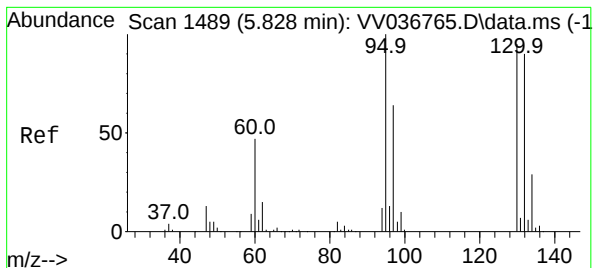
Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Tgt Ion: 78 Resp: 658479





#34

Trichloroethene

Concen: 51.116 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 184995

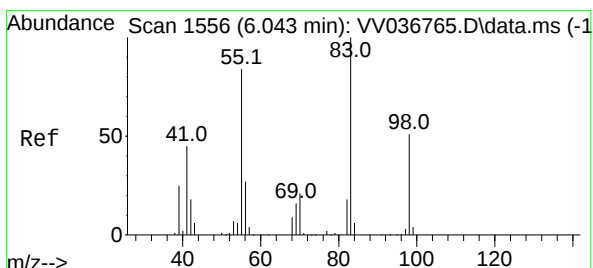
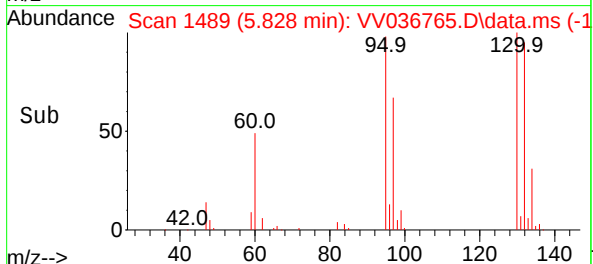
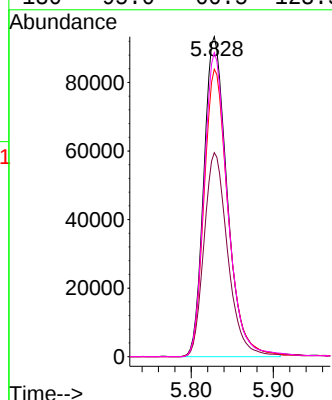
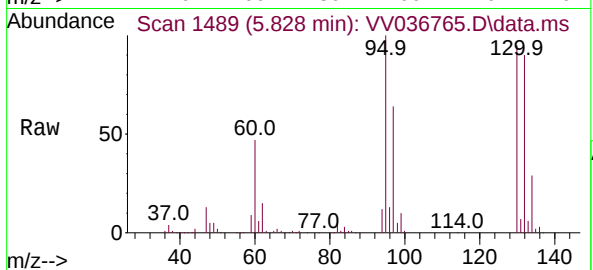
Ion Ratio Lower Upper

95 100

97 63.8 44.7 82.9

132 89.9 62.9 116.9

130 95.0 66.5 123.5



#35

Methylcyclohexane

Concen: 50.519 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

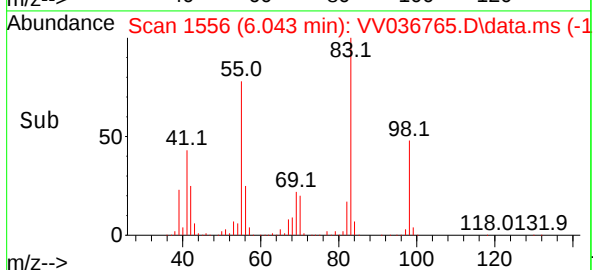
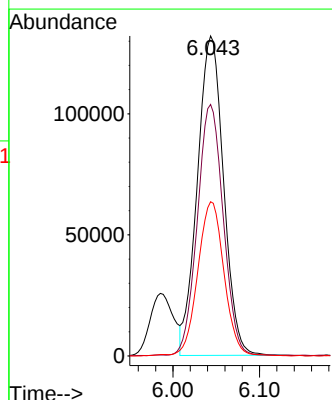
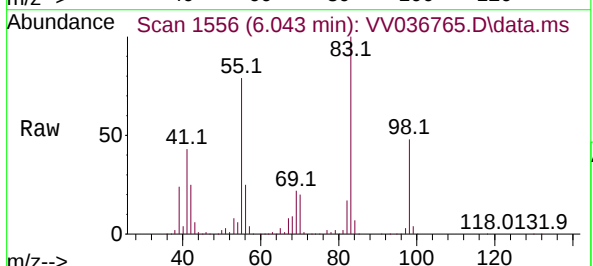
Tgt Ion: 83 Resp: 277140

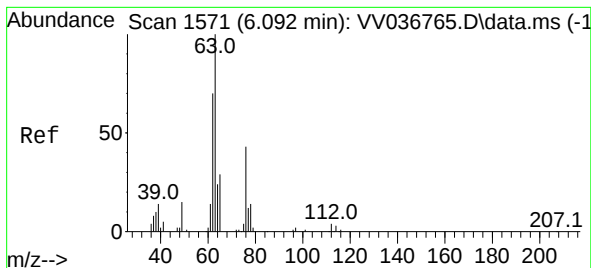
Ion Ratio Lower Upper

83 100

55 77.9 62.3 93.5

98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 53.464 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

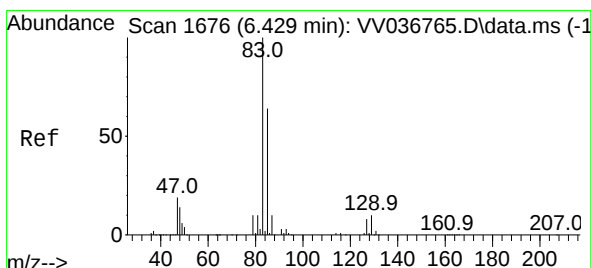
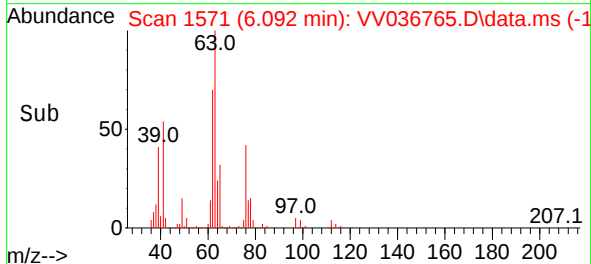
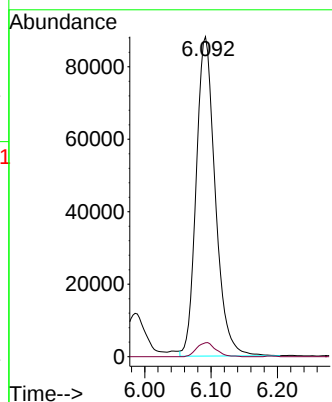
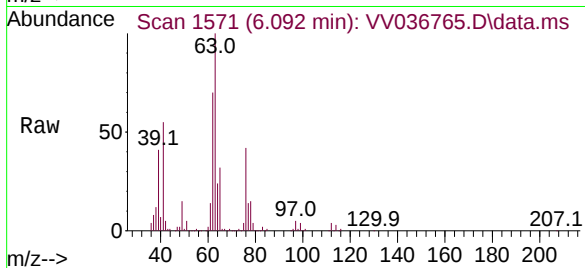
ClientSampleId :

Tgt Ion: 63 Resp: 175727

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 51.172 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

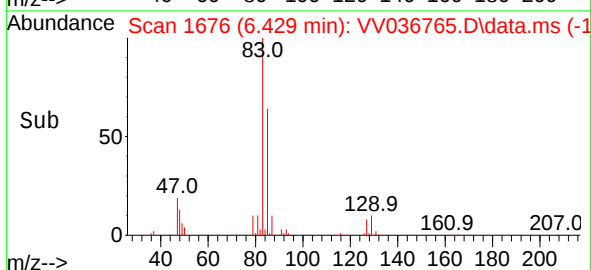
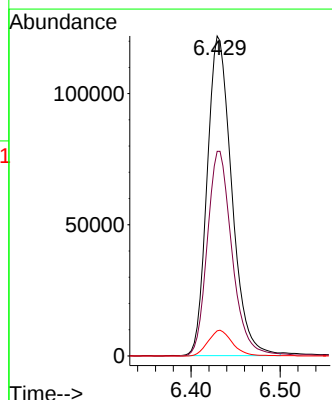
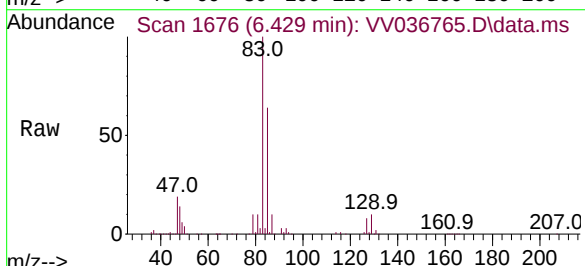
Tgt Ion: 83 Resp: 233317

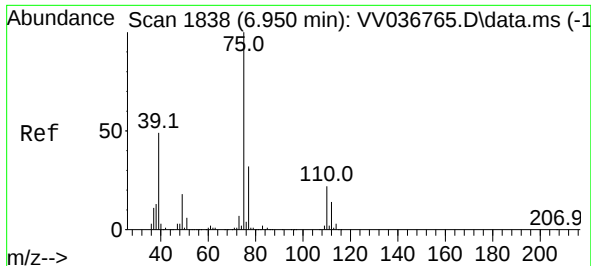
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 7.8 6.2 9.4

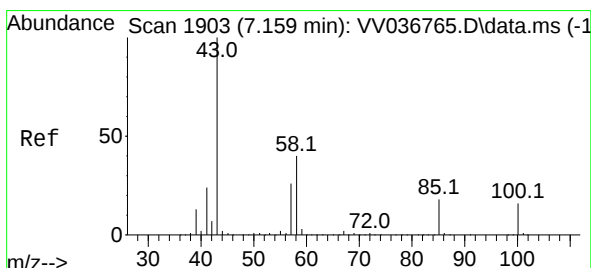
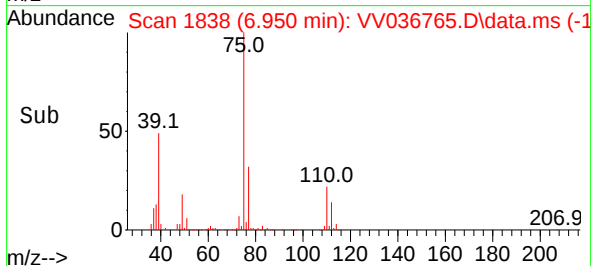
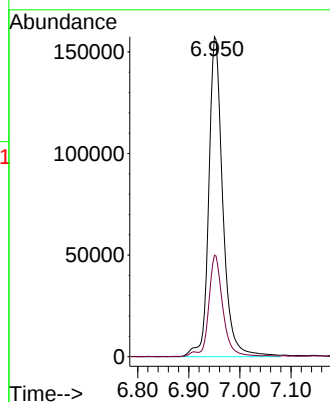
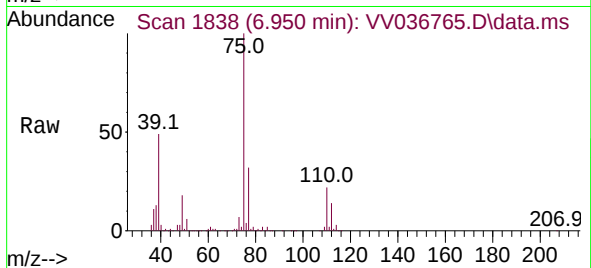




#39
cis-1,3-Dichloropropene
Concen: 52.767 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

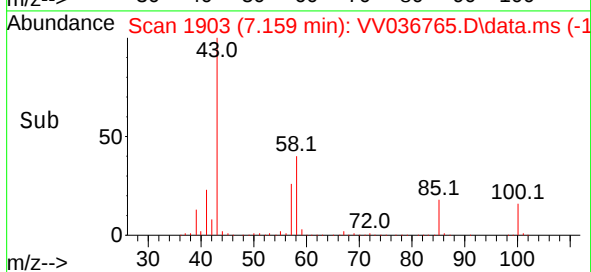
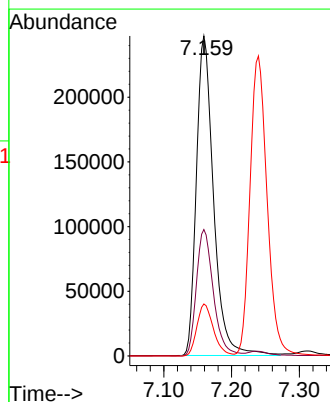
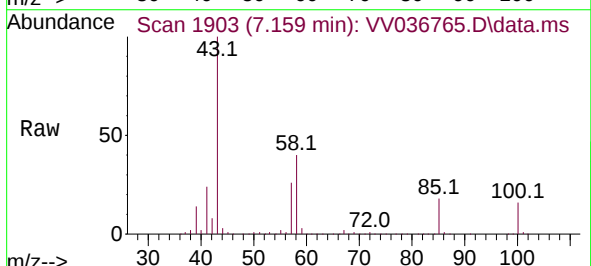
Instrument :
MSVOA_V
ClientSampleId :

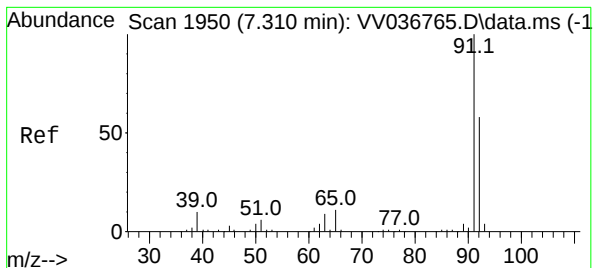
Tgt Ion: 75 Resp: 301480
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 109.490 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 43 Resp: 435153
Ion Ratio Lower Upper
43 100
58 39.1 31.3 46.9
100 15.7 12.6 18.8





#42

Toluene

Concen: 52.319 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

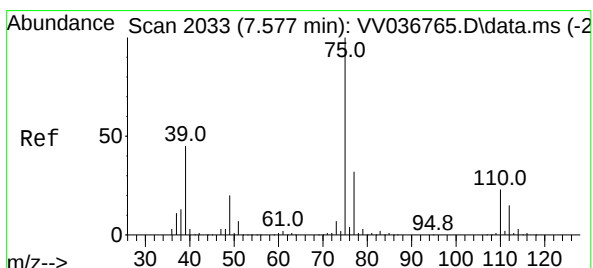
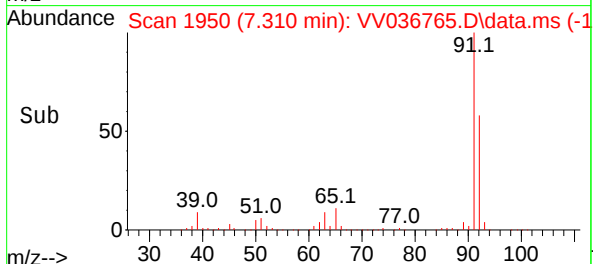
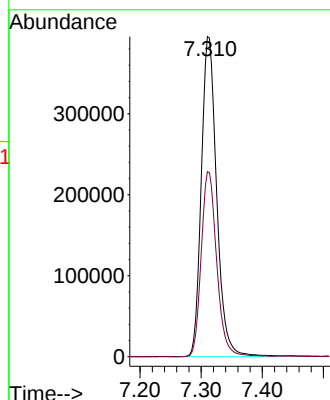
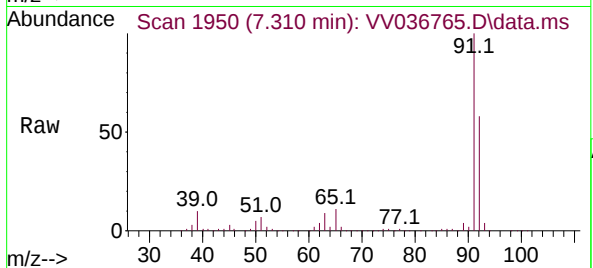
ClientSampleId :

Tgt Ion: 91 Resp: 691157

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 51.509 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036765.D

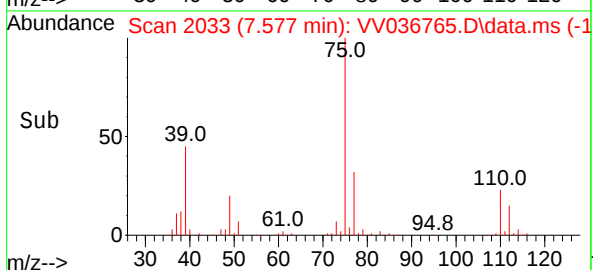
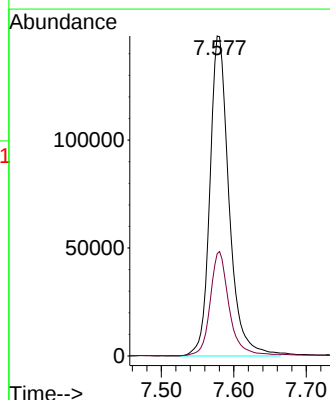
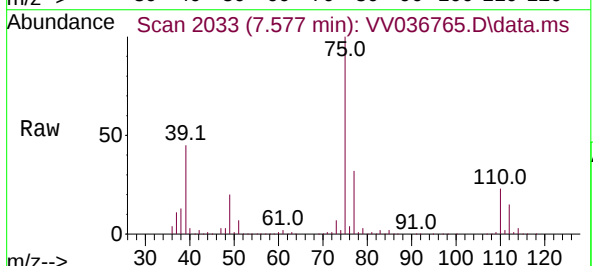
Acq: 02 Aug 2024 16:38

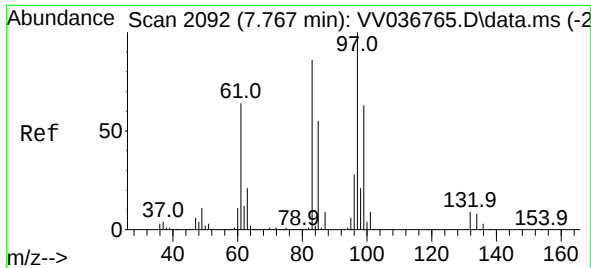
Tgt Ion: 75 Resp: 272798

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



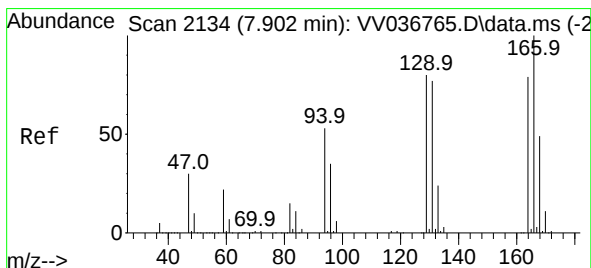
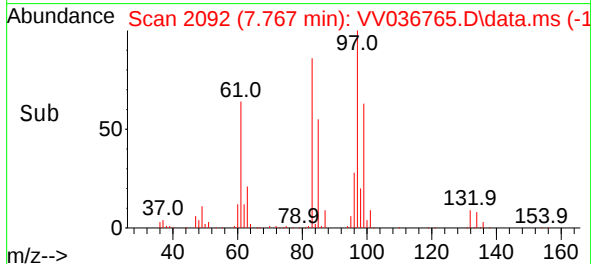
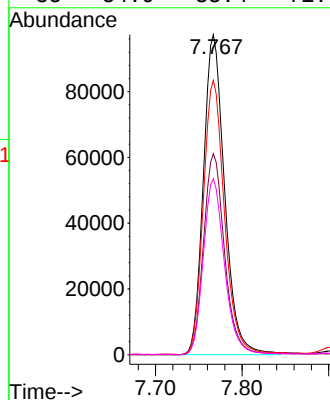
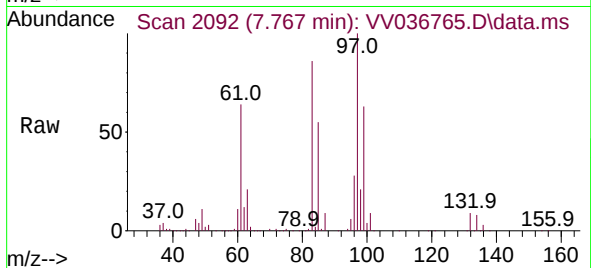


#45
1,1,2-Trichloroethane
Concen: 52.574 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 165815

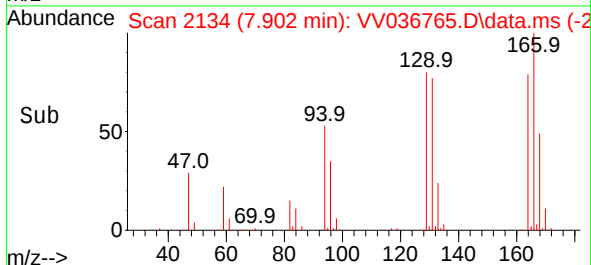
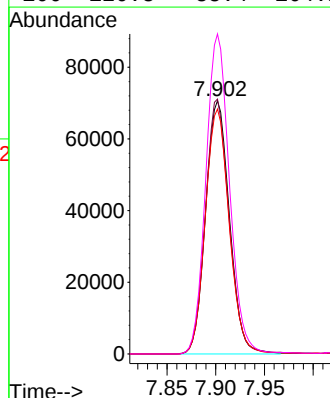
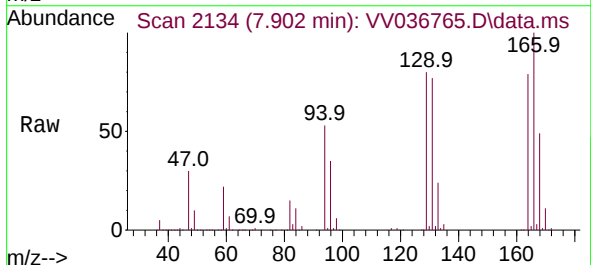
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	85.8	60.1	111.5
85	54.9	38.4	71.4

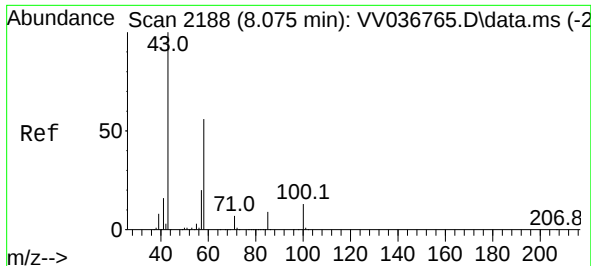


#46
Tetrachloroethene
Concen: 51.120 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 164 Resp: 120251

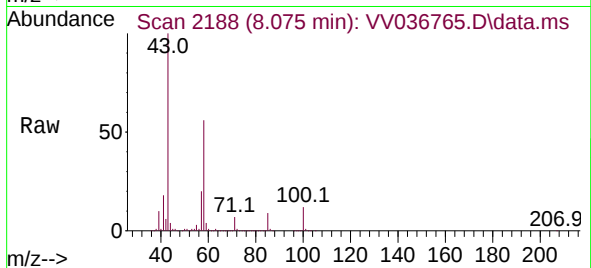
Ion	Ratio	Lower	Upper
164	100		
129	100.6	70.4	130.8
131	96.7	67.7	125.7
166	126.3	88.4	164.2



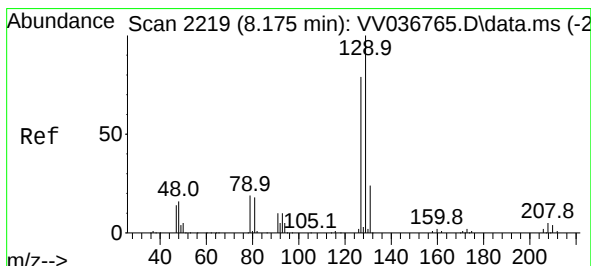
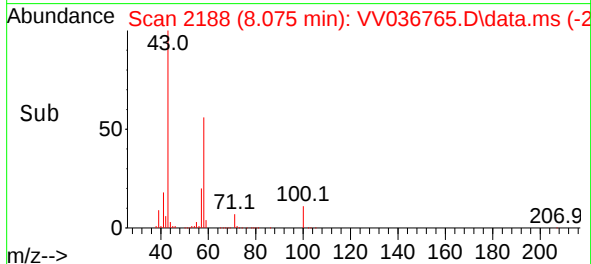
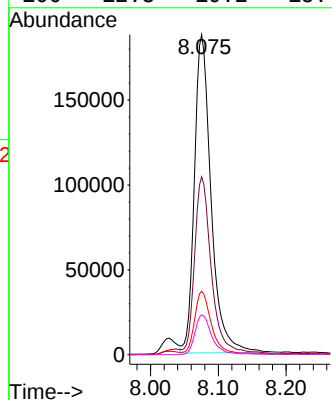


#48
2-Hexanone
Concen: 107.478 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Instrument :
MSVOA_V
ClientSampleId :

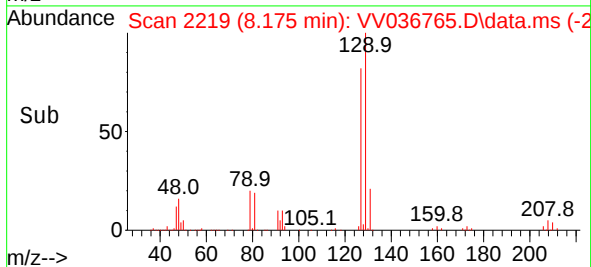
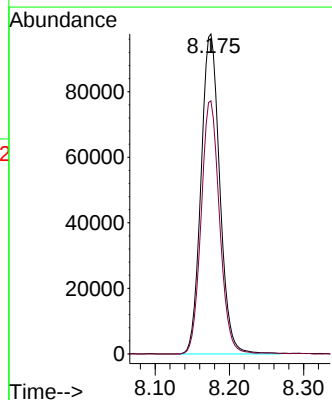
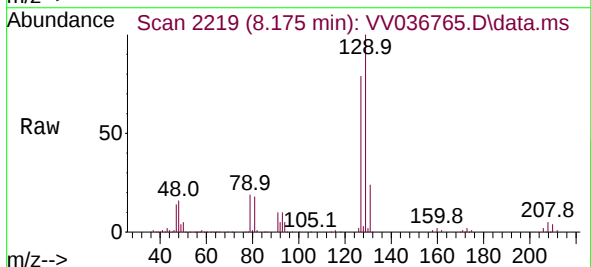


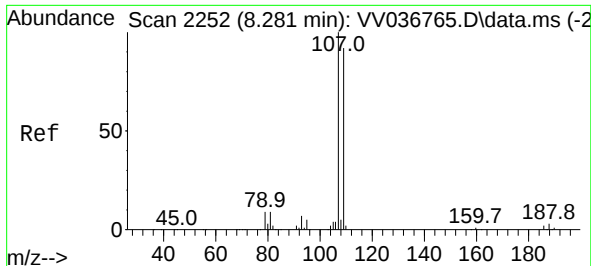
Tgt Ion: 43 Resp: 321723
Ion Ratio Lower Upper
43 100
58 55.9 44.7 67.1
57 18.7 15.0 22.4
100 12.8 10.2 15.4



#49
Dibromochloromethane
Concen: 51.716 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 129 Resp: 171074
Ion Ratio Lower Upper
129 100
127 79.1 55.4 102.8

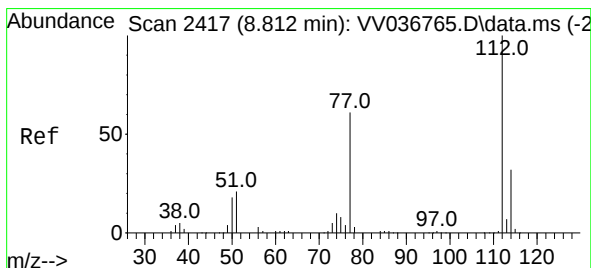
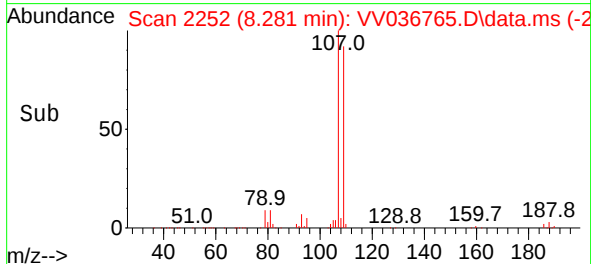
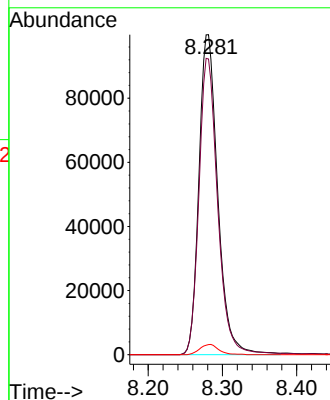
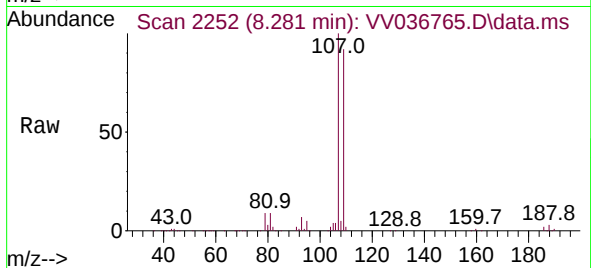




#50
1,2-Dibromoethane
Concen: 52.767 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

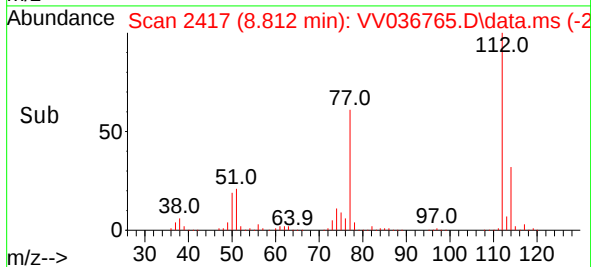
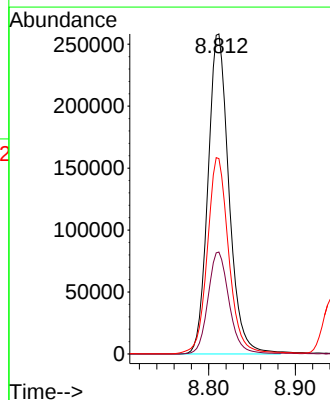
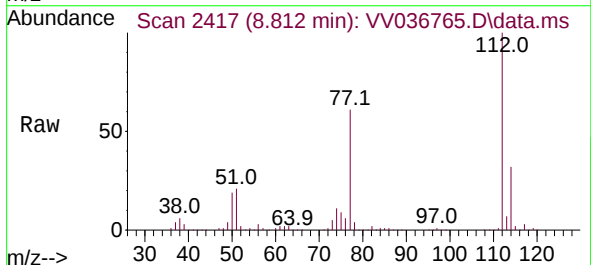
Instrument :
MSVOA_V
ClientSampleId :

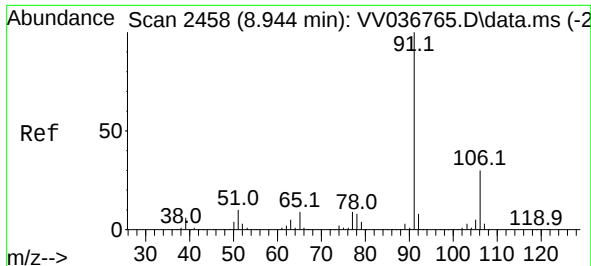
Tgt Ion:107 Resp: 175944
Ion Ratio Lower Upper
107 100
109 92.4 64.7 120.1
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 50.835 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion:112 Resp: 434862
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 61.1 48.9 73.3

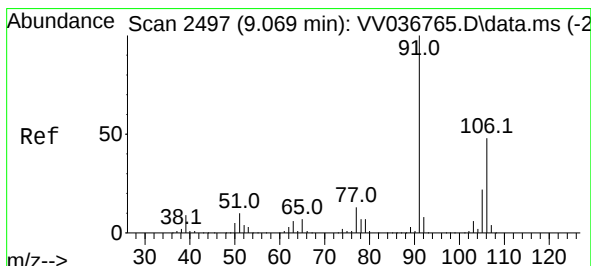
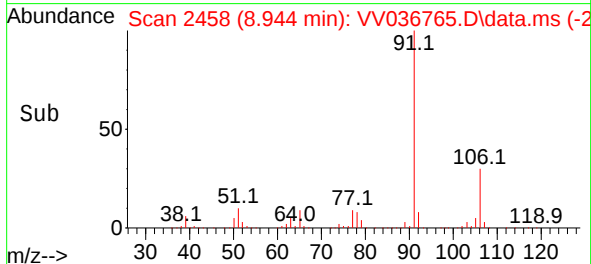
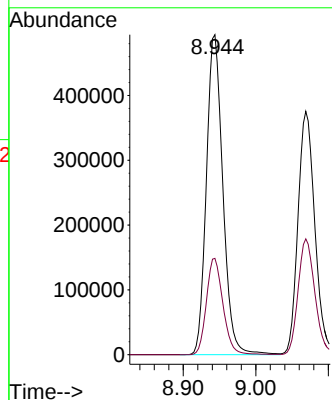
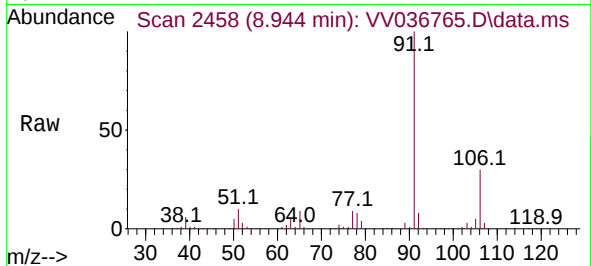




#52
Ethylbenzene
Concen: 51.200 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

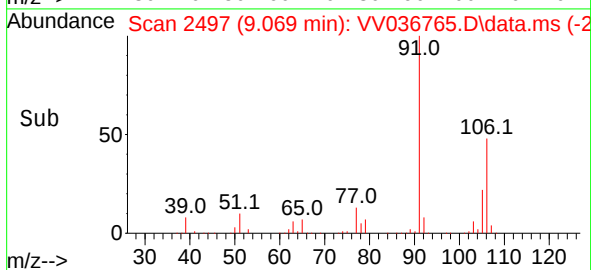
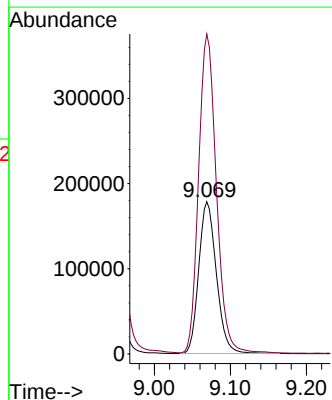
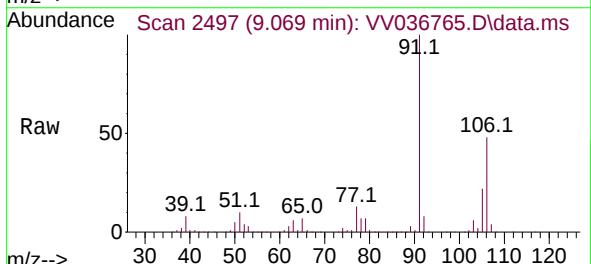
Instrument :
MSVOA_V
ClientSampleId :

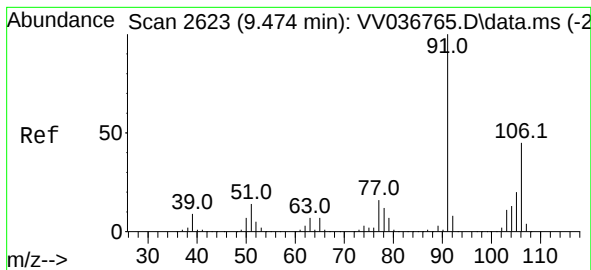
Tgt Ion: 91 Resp: 779903
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 51.418 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion:106 Resp: 287046
Ion Ratio Lower Upper
106 100
91 210.2 147.1 273.3





#54

o-Xylene

Concen: 51.369 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

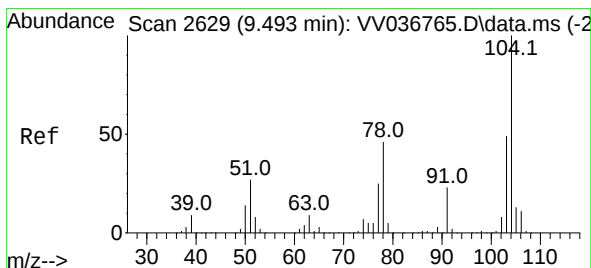
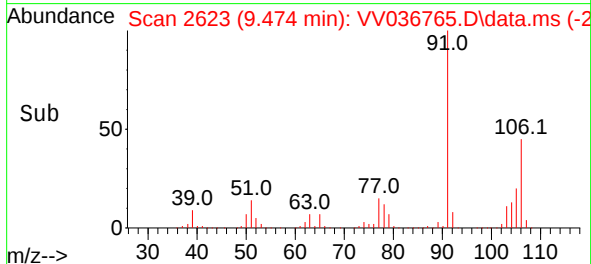
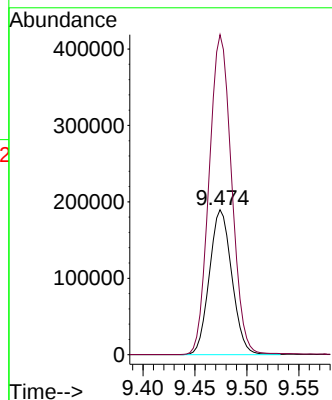
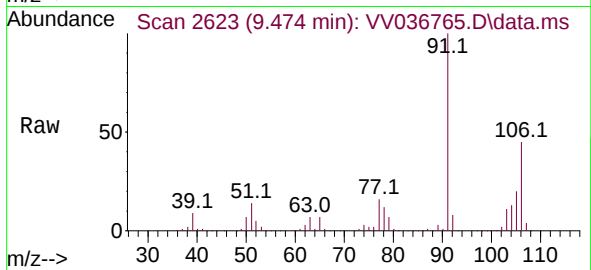
ClientSampleId :

Tgt Ion:106 Resp: 285386

Ion Ratio Lower Upper

106 100

91 220.7 154.5 286.9



#55

Styrene

Concen: 51.777 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV036765.D

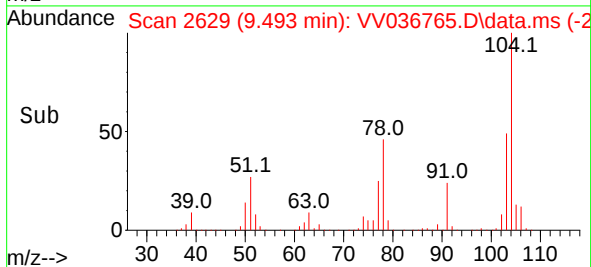
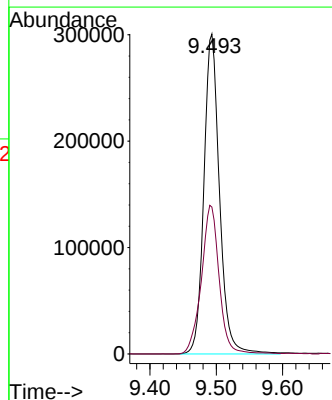
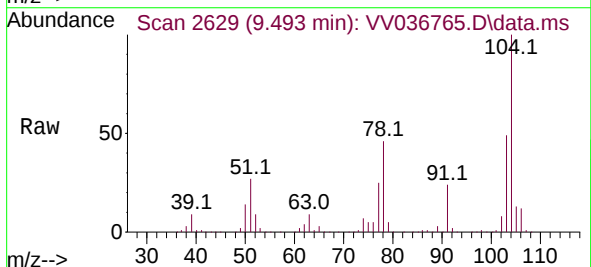
Acq: 02 Aug 2024 16:38

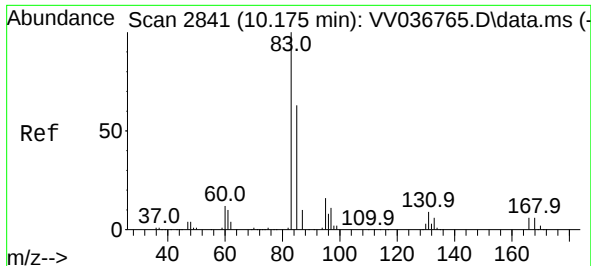
Tgt Ion:104 Resp: 492268

Ion Ratio Lower Upper

104 100

78 45.9 32.1 59.7

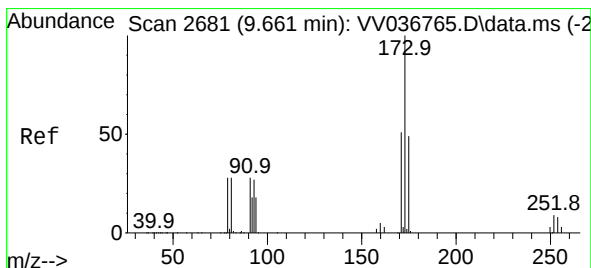
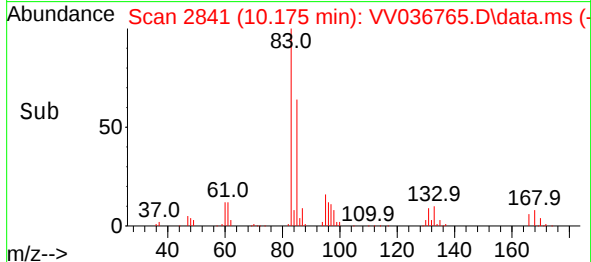
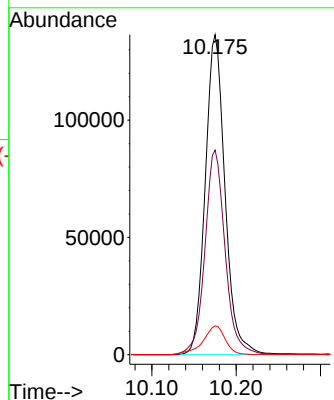
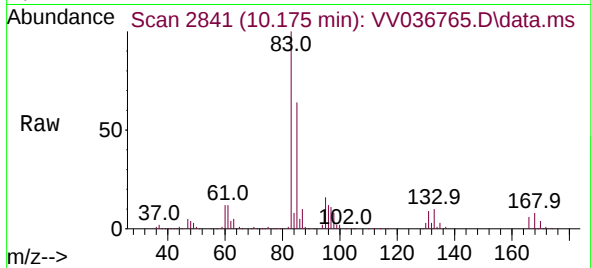




#57
1,1,2,2-Tetrachloroethane
Concen: 52.518 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

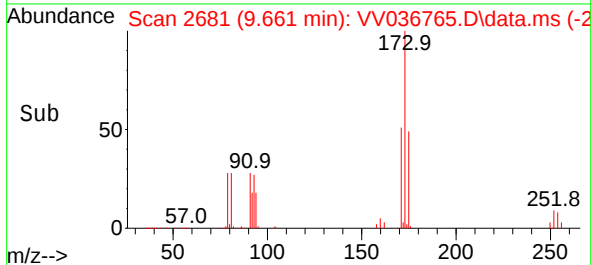
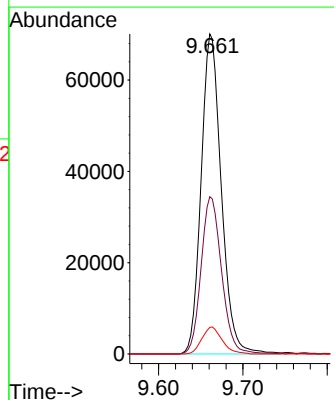
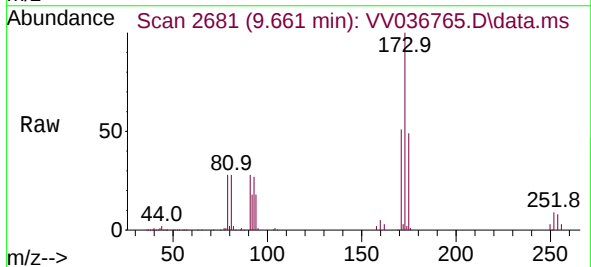
Instrument :
MSVOA_V
ClientSampleId :

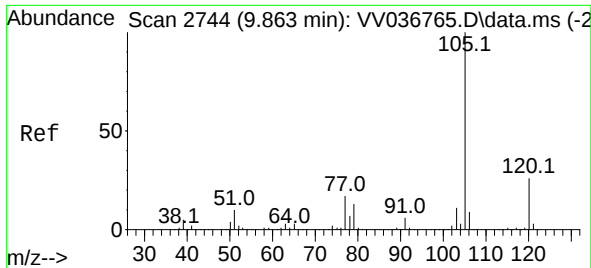
Tgt Ion: 83 Resp: 222614
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 9.0 7.2 10.8



#59
Bromoform
Concen: 51.486 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 173 Resp: 116904
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.8
254 8.5 6.8 10.2

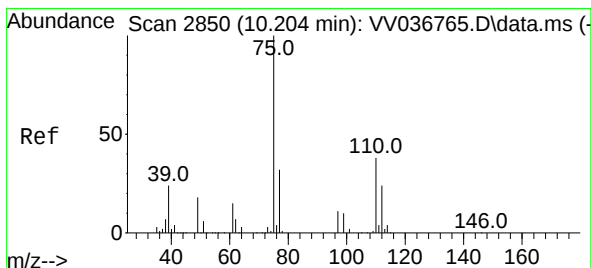
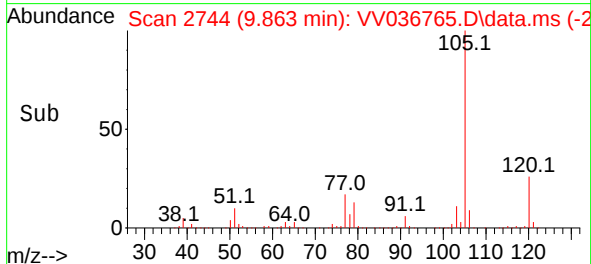
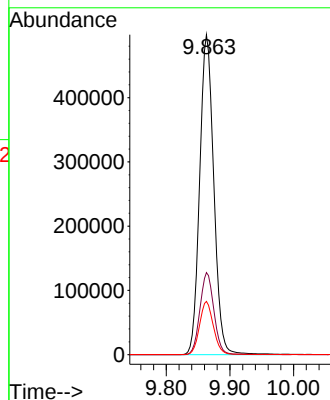
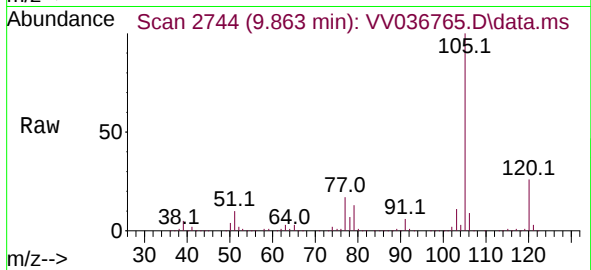




#60
Isopropylbenzene
Concen: 51.515 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

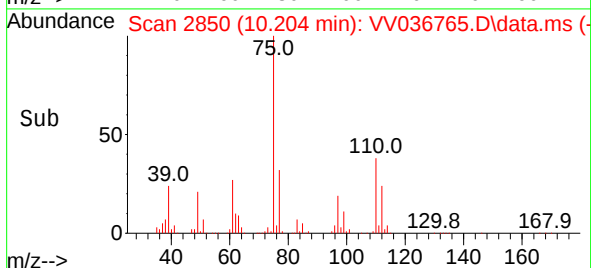
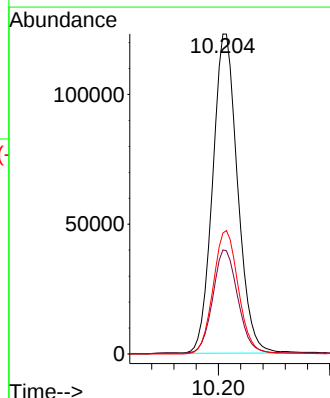
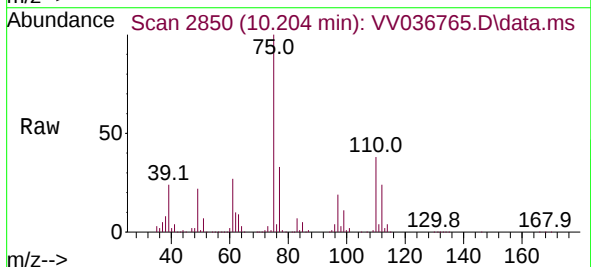
Instrument :
MSVOA_V
ClientSampleId :

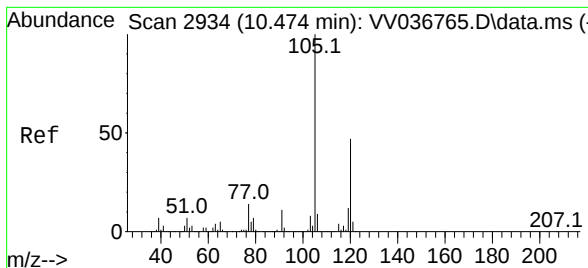
Tgt Ion:105 Resp: 767119
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 16.4 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 52.856 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion: 75 Resp: 191299
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 39.1 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 51.799 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

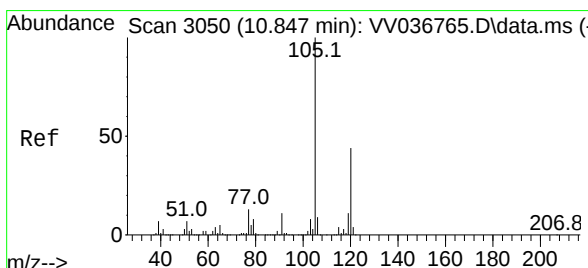
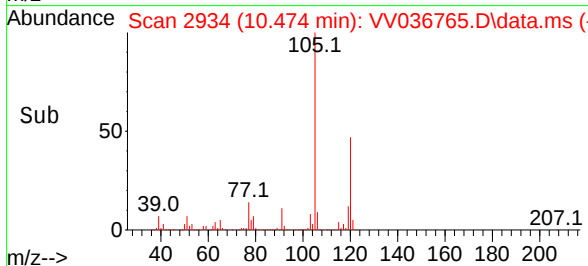
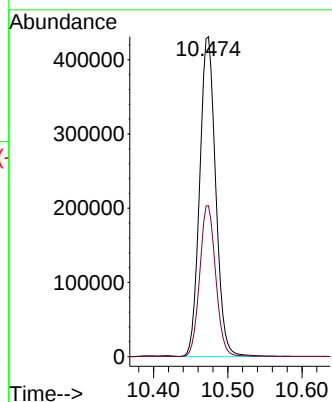
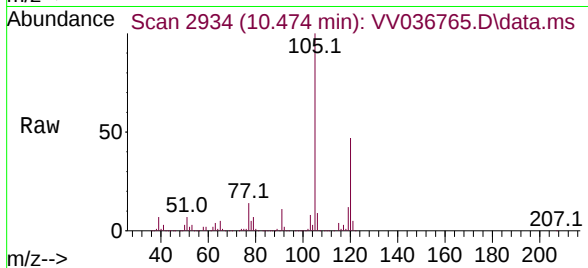
ClientSampleId :

Tgt Ion:105 Resp: 646188

Ion Ratio Lower Upper

105 100

120 47.1 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 51.902 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036765.D

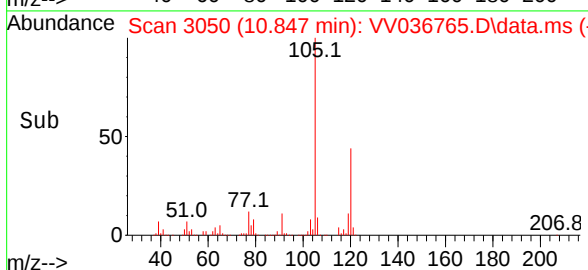
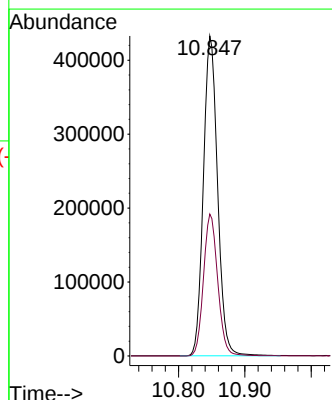
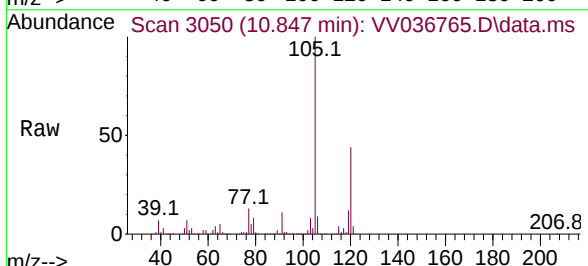
Acq: 02 Aug 2024 16:38

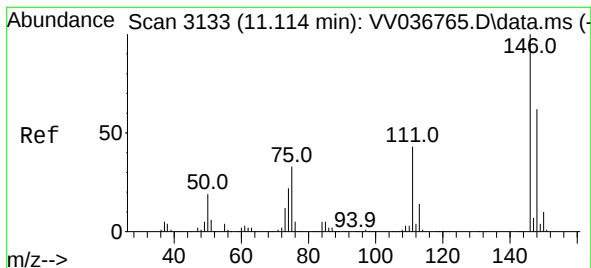
Tgt Ion:105 Resp: 643652

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 50.935 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :

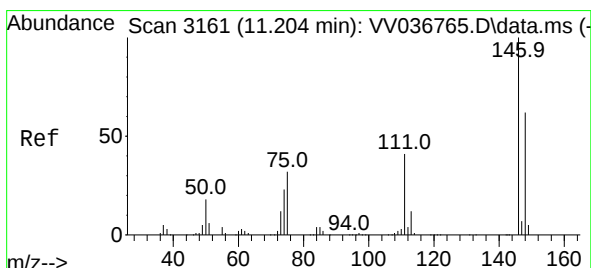
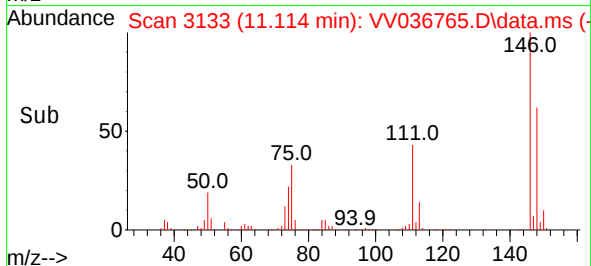
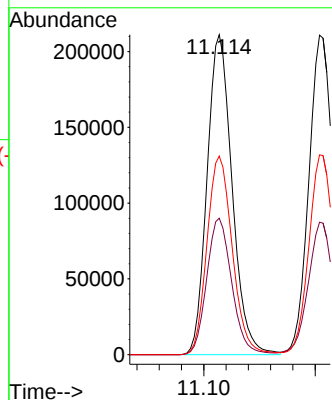
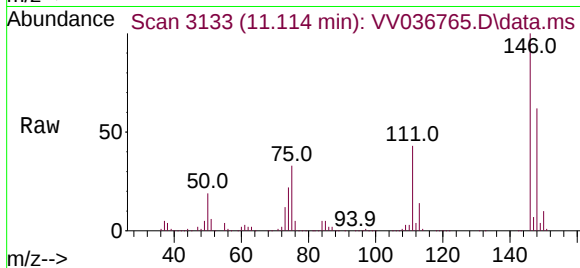
Tgt Ion:146 Resp: 329583

Ion Ratio Lower Upper

146 100

111 42.6 29.8 55.4

148 62.0 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 50.604 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

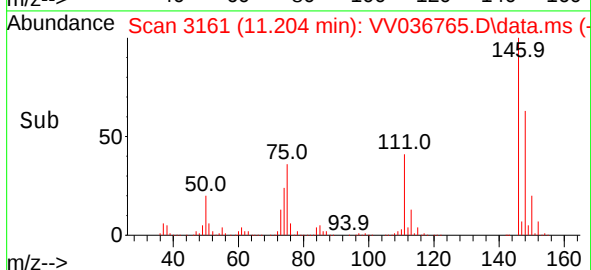
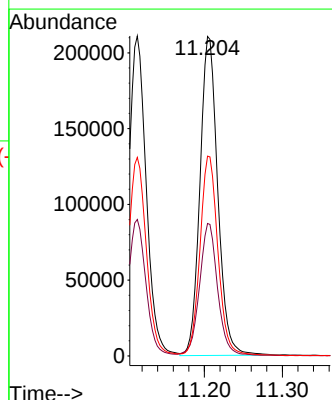
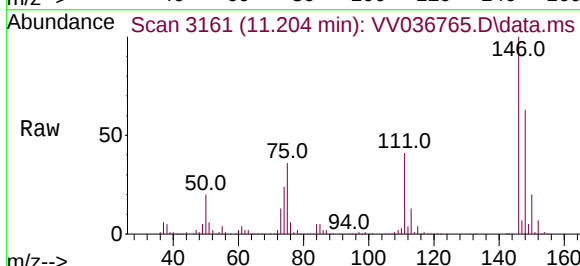
Tgt Ion:146 Resp: 333773

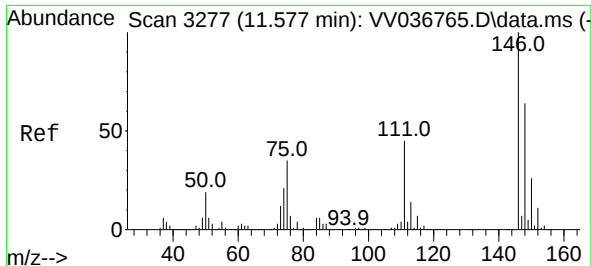
Ion Ratio Lower Upper

146 100

111 41.5 29.0 53.9

148 62.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 51.201 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :

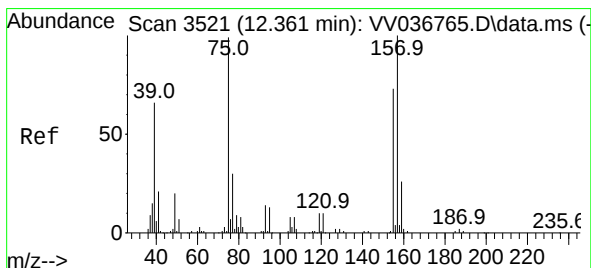
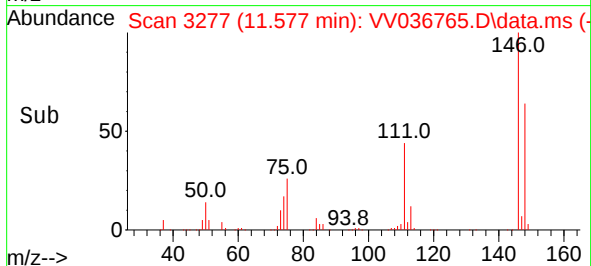
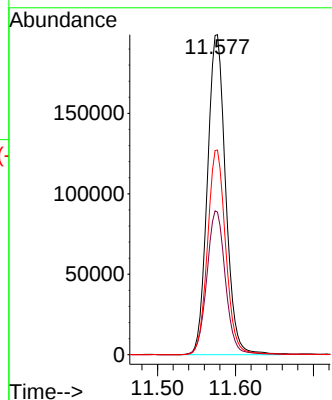
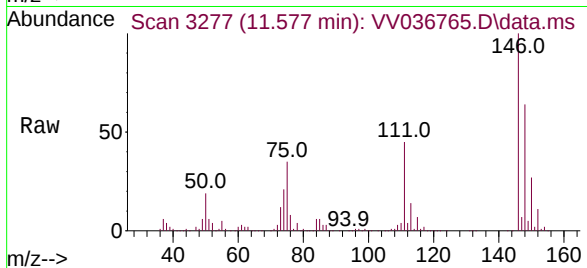
Tgt Ion:146 Resp: 323314

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 52.336 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

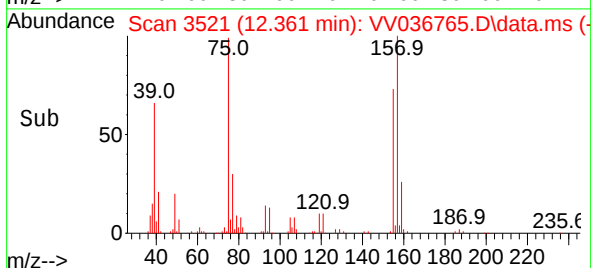
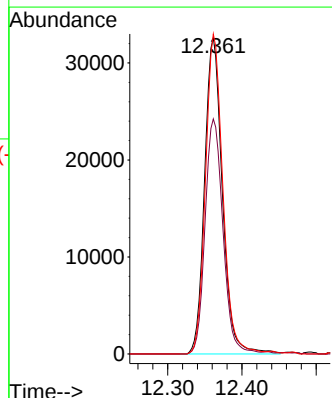
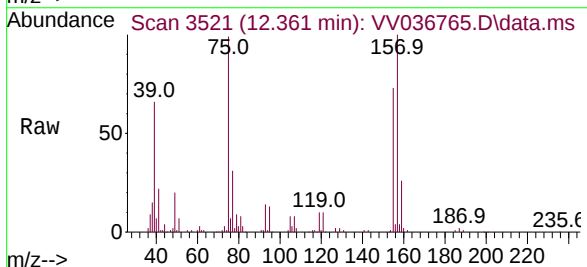
Tgt Ion: 75 Resp: 54199

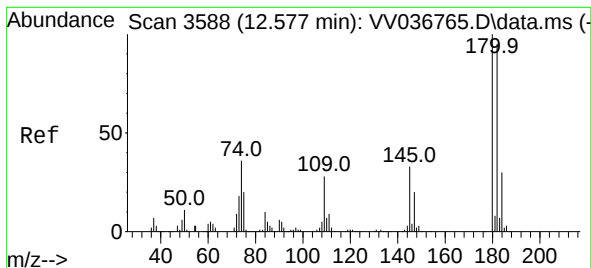
Ion Ratio Lower Upper

75 100

155 74.4 59.5 89.3

157 101.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 51.397 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

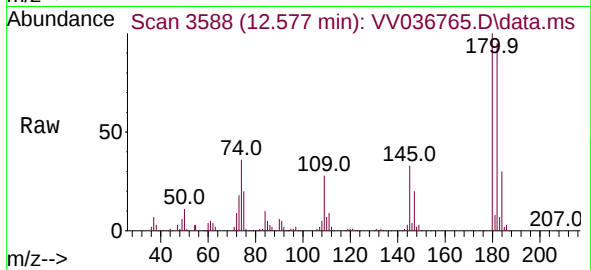
Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 232261

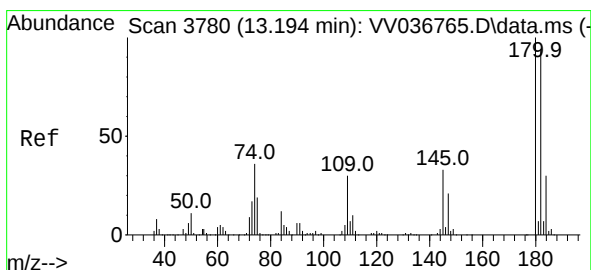
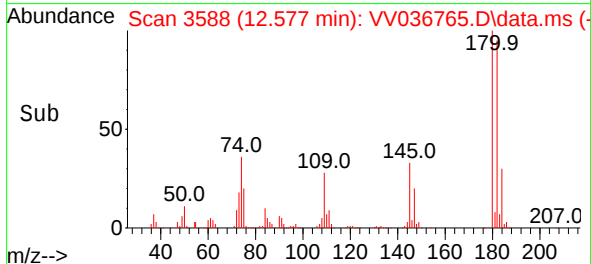
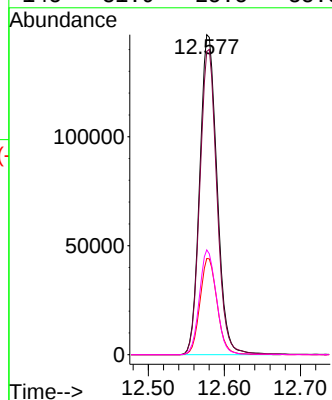
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

184 29.6 23.7 35.5

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 50.587 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036765.D

Acq: 02 Aug 2024 16:38

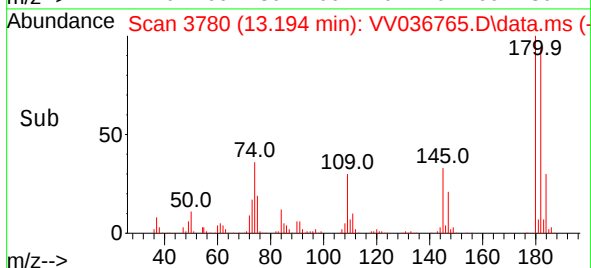
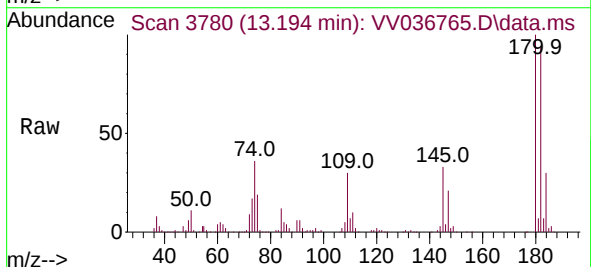
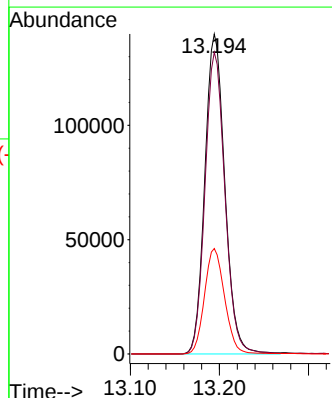
Tgt Ion:180 Resp: 218325

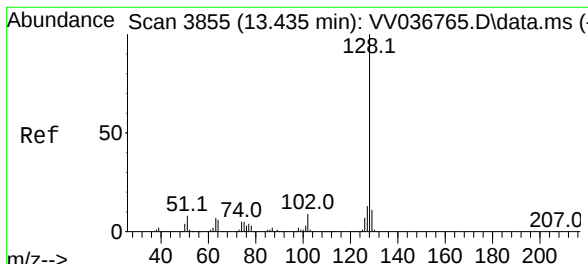
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

145 33.1 26.5 39.7

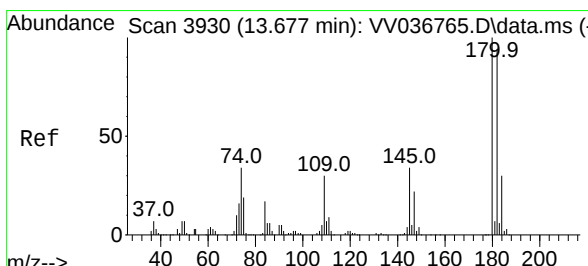
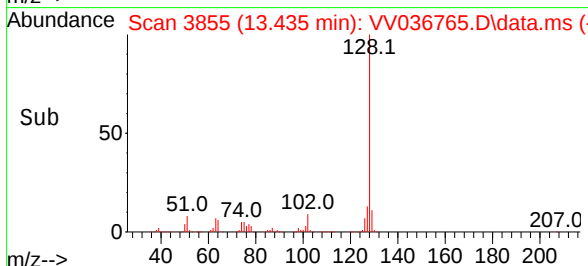
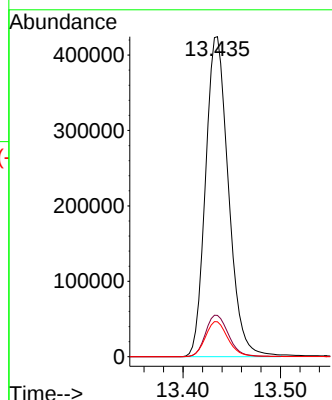
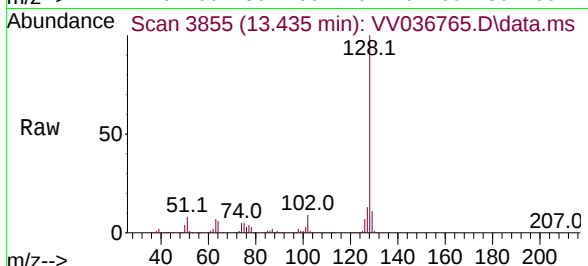




#71
Naphthalene
Concen: 51.387 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 694104
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.338 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036765.D
Acq: 02 Aug 2024 16:38

Tgt Ion:180 Resp: 215400
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 34.7 27.8 41.6

