

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036622.D
 Acq On : 22 Jul 2024 10:06
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 01:27:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 01:25:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	412733	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	414123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	244956	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	209130	46.263	ug/L	0.00
7) Chloroethane-d5	1.526	69	194721	47.693	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	108621	45.444	ug/L	0.00
21) 2-Butanone-d5	3.825	46	109112	111.049	ug/L	-0.03
24) Chloroform-d	4.243	84	525338	48.127	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	265937	49.383	ug/L	0.00
32) Benzene-d6	4.953	84	958910	48.856	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	272660	46.702	ug/L	0.00
41) Toluene-d8	7.239	98	958679	51.183	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	126606	50.926	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	88622	120.251	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	238089	48.846	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	407993	47.713	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	359682	51.387	ug/L	100
3) Chloromethane	1.211	50	281466	52.267	ug/L	98
5) Vinyl chloride	1.275	62	347565	52.191	ug/L	100
6) Bromomethane	1.481	94	279930	52.573	ug/L	97
8) Chloroethane	1.542	64	223002	51.671	ug/L	100
9) Trichlorofluoromethane	1.706	101	588045	50.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	361572	50.257	ug/L	99
12) 1,1-Dichloroethene	2.059	96	326432	51.267	ug/L	92
13) Acetone	2.384	43	89688	54.810	ug/L	70
14) Carbon disulfide	2.230	76	957811	54.199	ug/L	100
15) Methyl Acetate	2.384	43	98006	49.020	ug/L	98
16) Methylene chloride	2.439	84	341889	44.520	ug/L	96
17) trans-1,2-Dichloroethene	2.686	96	336311	52.300	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	715537	53.054	ug/L	99
19) 1,1-Dichloroethane	3.104	63	516372	51.184	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	356219	53.044	ug/L	98
22) 2-Butanone	3.899	43	151568	115.339	ug/L	100
23) Bromochloromethane	4.140	128	184791	52.227	ug/L	99
25) Chloroform	4.268	83	615481	50.541	ug/L	99
27) 1,2-Dichloroethane	5.034	62	381074	52.150	ug/L	98
29) Cyclohexane	4.574	56	411741	55.766	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	543569	50.735	ug/L	99
31) Carbon tetrachloride	4.728	117	508816	50.831	ug/L	99
33) Benzene	5.001	78	1228011	52.216	ug/L	100
34) Trichloroethene	5.825	95	397211	51.610	ug/L	99
35) Methylcyclohexane	6.043	83	565535	55.186	ug/L	99
37) 1,2-Dichloropropane	6.088	63	289314	53.454	ug/L	99
38) Bromodichloromethane	6.426	83	444945	50.421	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	506235	55.355	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	283658	115.014	ug/L	100
42) Toluene	7.310	91	1427434	54.799	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	441416	55.768	ug/L	99

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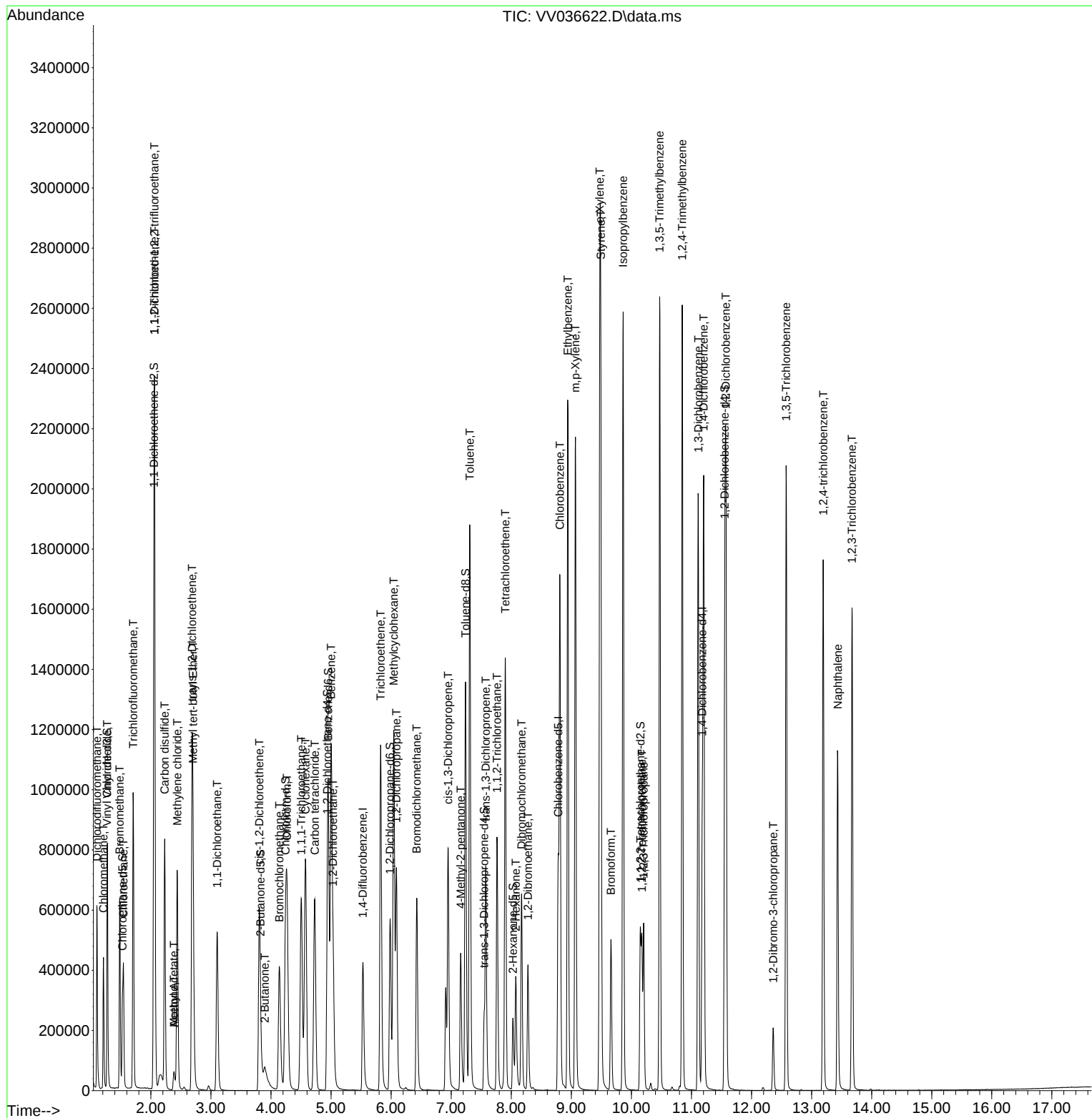
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	269536	51.062	ug/L	99
46) Tetrachloroethene	7.902	164	347028	45.439	ug/L	99
48) 2-Hexanone	8.075	43	223825	116.441	ug/L	97
49) Dibromochloromethane	8.172	129	344905	51.862	ug/L	100
50) 1,2-Dibromoethane	8.278	107	278746	52.561	ug/L	98
51) Chlorobenzene	8.808	112	978037	51.857	ug/L	99
52) Ethylbenzene	8.940	91	1594369	55.644	ug/L	99
53) m,p-Xylene	9.069	106	640706	57.273	ug/L	99
54) o-Xylene	9.474	106	611356	56.879	ug/L	99
55) Styrene	9.490	104	1065281	58.449	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	242808	50.767	ug/L	99
59) Bromoform	9.660	173	234744	50.884	ug/L	99
60) Isopropylbenzene	9.863	105	1665756	55.570	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	212725	49.262	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	1385732	59.265	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1386913	58.596	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	862025	51.443	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	871603	50.508	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	797983	51.216	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	51200	50.348	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	682886	51.660	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	576035	53.646	ug/L	100
71) Naphthalene	13.435	128	920271	58.524	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	521735	53.851	ug/L	99

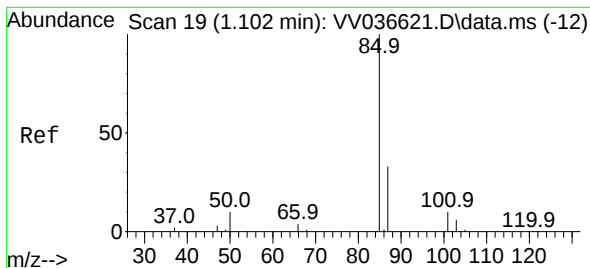
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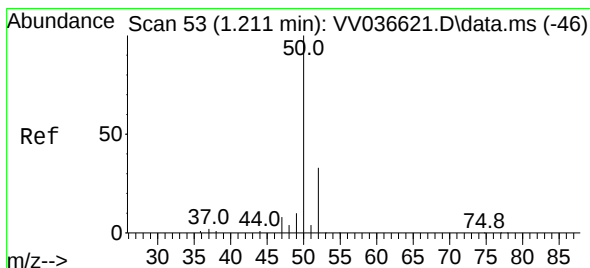
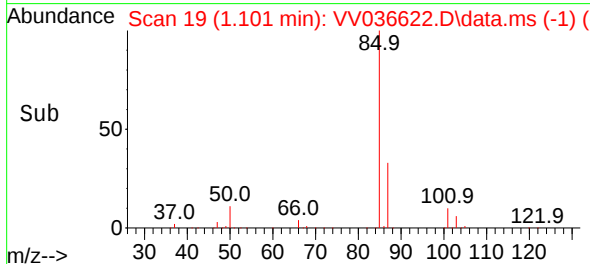
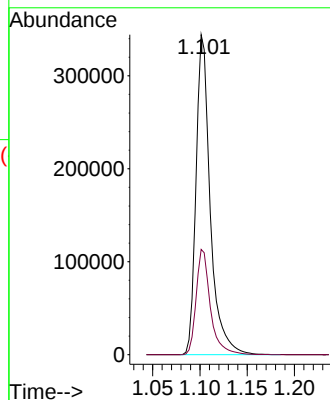
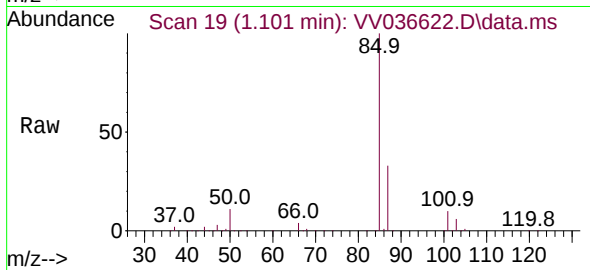




#2
Dichlorodifluoromethane
Concen: 51.387 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

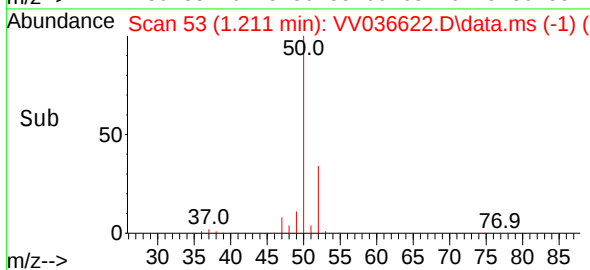
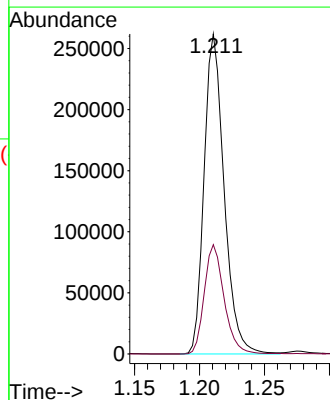
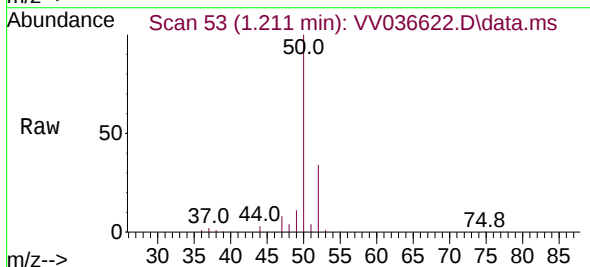
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MSVOA_V
ClientSampleId :

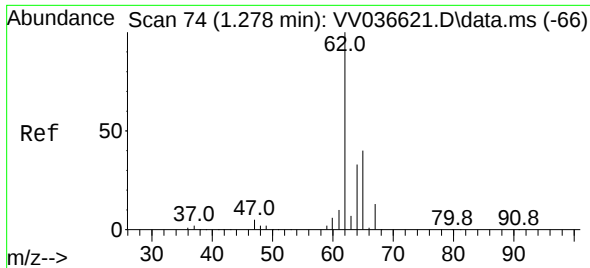
Tgt Ion: 85 Resp: 359682
Ion Ratio Lower Upper
85 100
87 33.0 26.5 39.7



#3
Chloromethane
Concen: 52.267 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion: 50 Resp: 281466
Ion Ratio Lower Upper
50 100
52 34.2 23.3 43.3

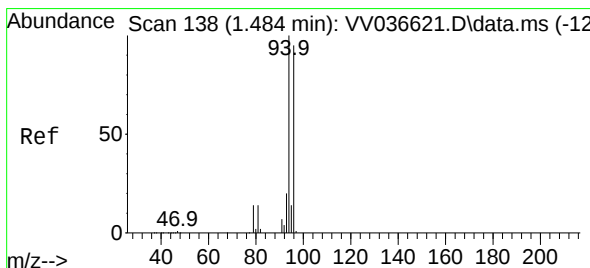
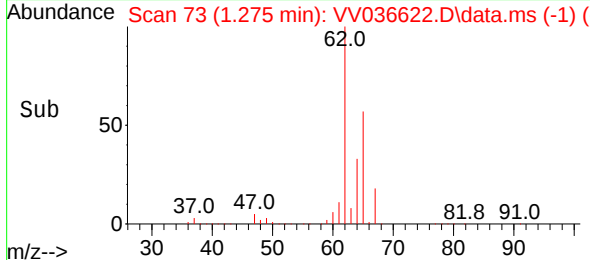
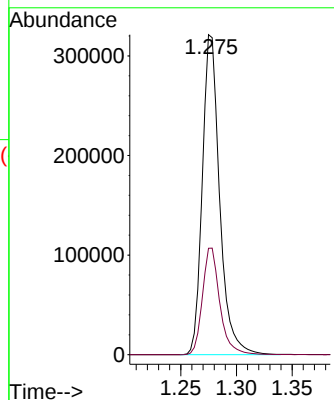
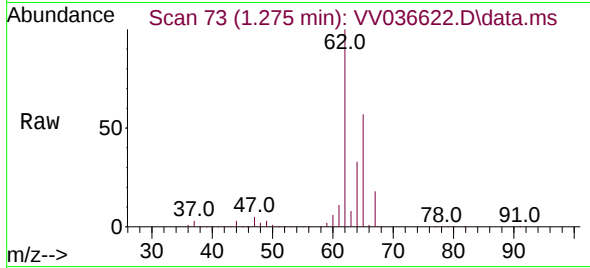




#5
 Vinyl chloride
 Concen: 52.191 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036622.D
 Acq: 22 Jul 2024 10:06

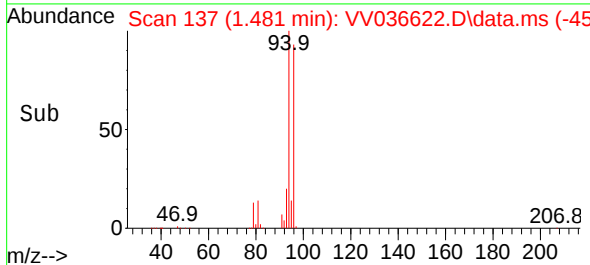
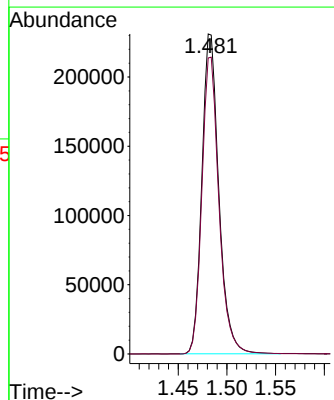
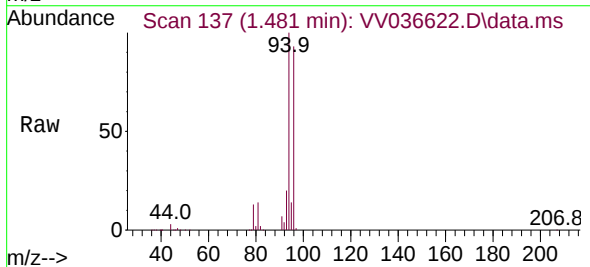
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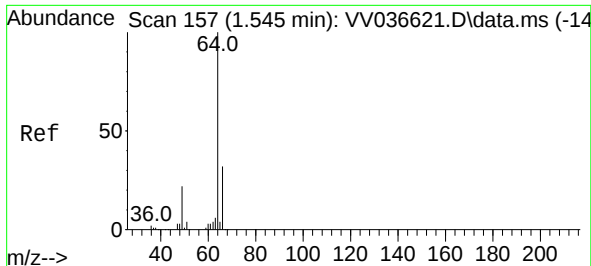
Tgt Ion: 62 Resp: 347565
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 52.573 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036622.D
 Acq: 22 Jul 2024 10:06

Tgt Ion: 94 Resp: 279930
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.6 123.6

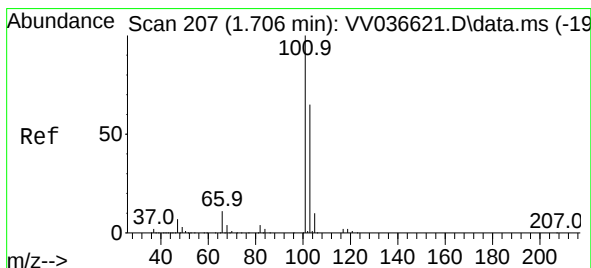
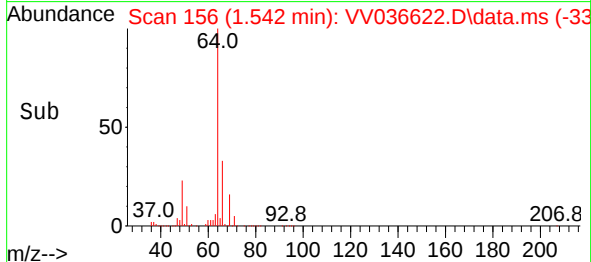
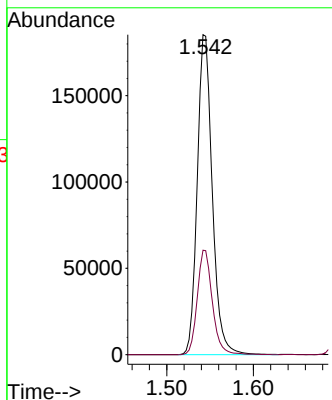
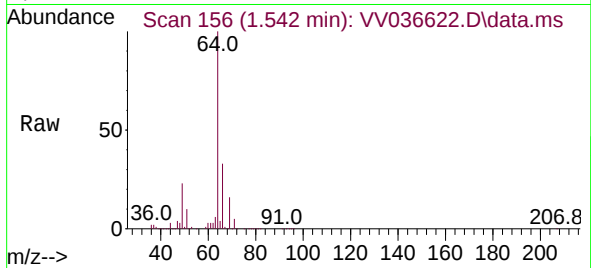




#8
Chloroethane
Concen: 51.671 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

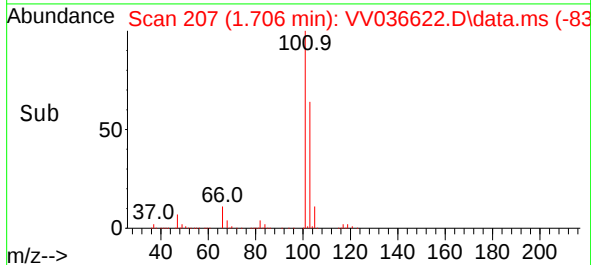
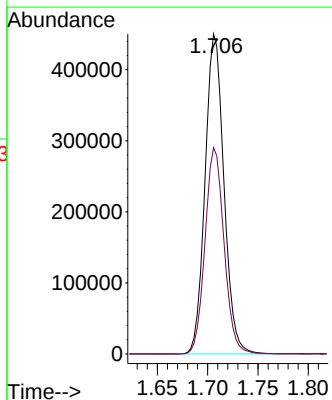
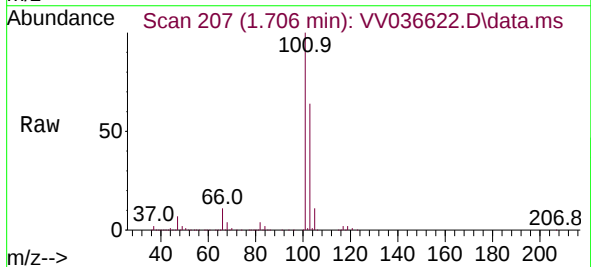
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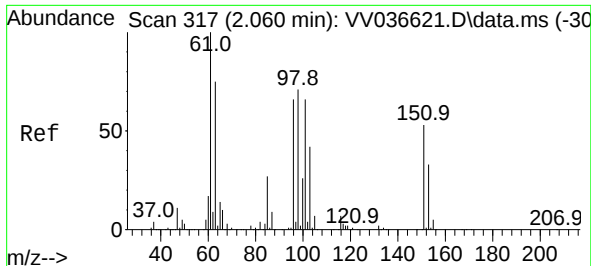
Tgt Ion: 64 Resp: 223002
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 50.855 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion:101 Resp: 588045
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

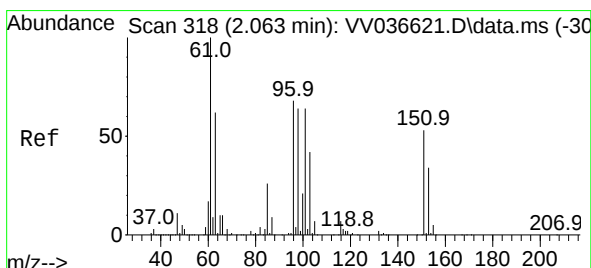
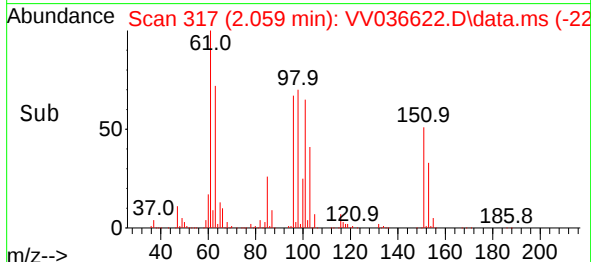
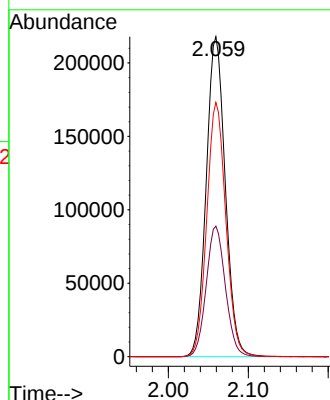
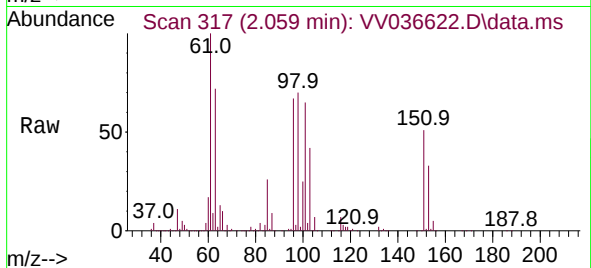




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.257 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036622.D
 Acq: 22 Jul 2024 10:06

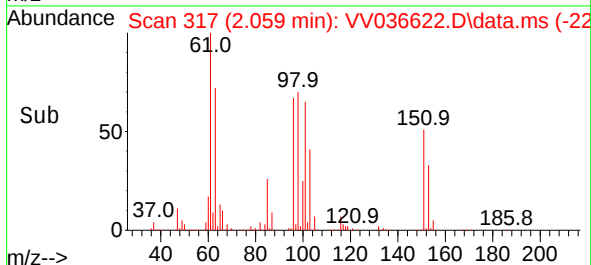
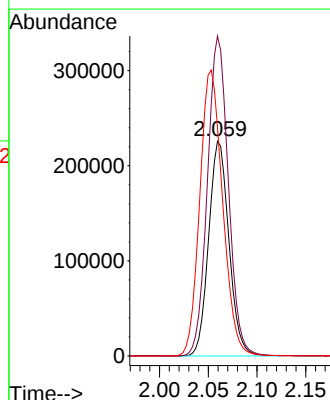
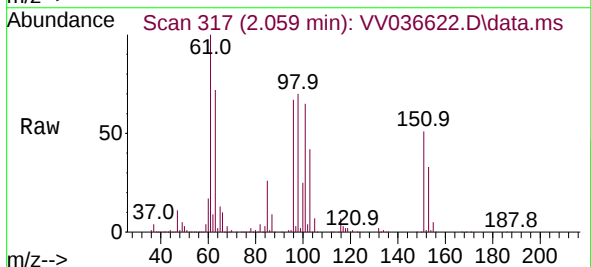
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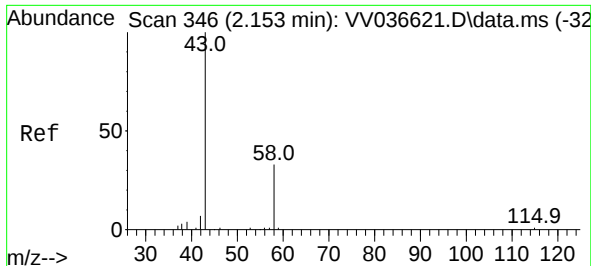
Tgt Ion:101 Resp: 361572
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.4 48.6
 151 79.6 64.9 97.3



#12
 1,1-Dichloroethene
 Concen: 51.267 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV036622.D
 Acq: 22 Jul 2024 10:06

Tgt Ion: 96 Resp: 326432
 Ion Ratio Lower Upper
 96 100
 61 149.1 102.3 189.9
 63 106.7 64.1 119.1





#13

Acetone

Concen: 54.810 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.231 min

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Instrument :

MSVOA_V

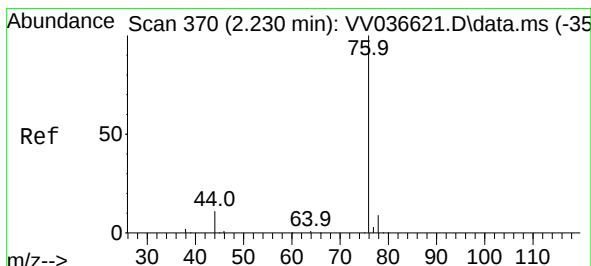
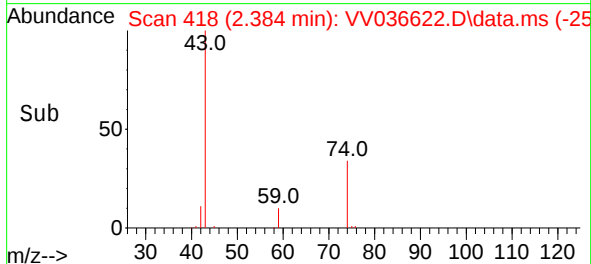
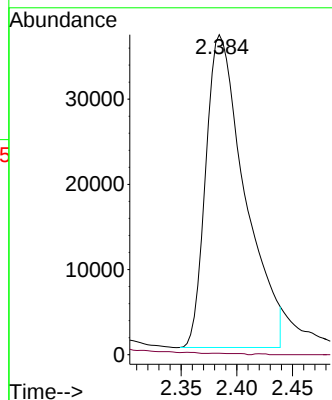
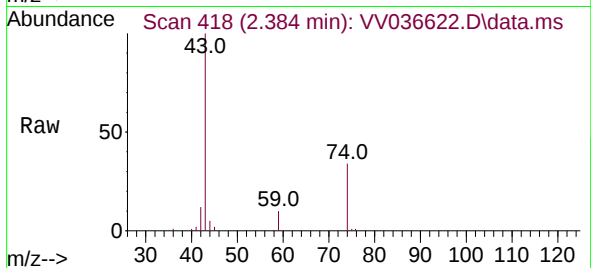
ClientSampleId :

Tgt Ion: 43 Resp: 89688

Ion Ratio Lower Upper

43 100

58 0.1 0.0 23.0



#14

Carbon disulfide

Concen: 54.199 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036622.D

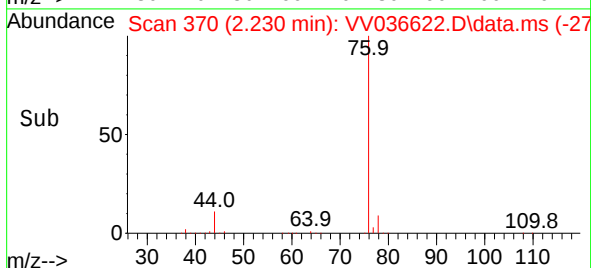
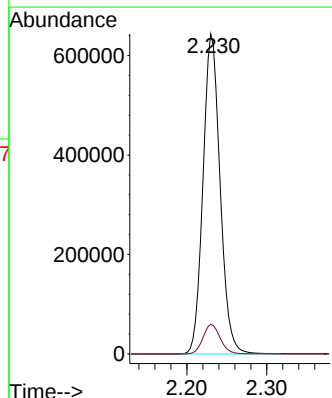
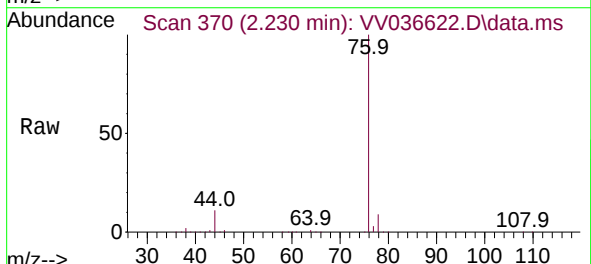
Acq: 22 Jul 2024 10:06

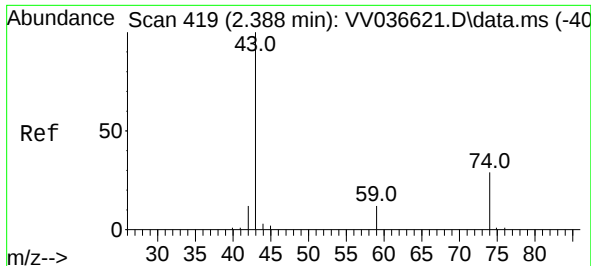
Tgt Ion: 76 Resp: 957811

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 49.020 ug/L

RT: 2.384 min Scan# 419

Delta R.T. -0.003 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

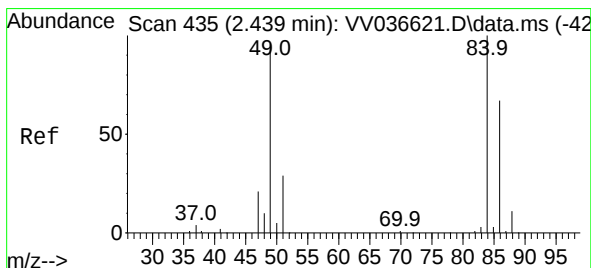
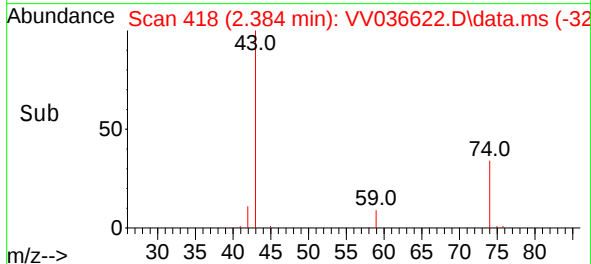
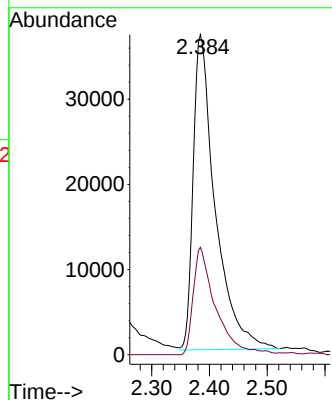
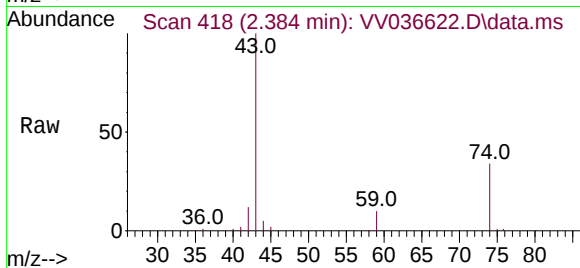
ClientSampleId :

Tgt Ion: 43 Resp: 98006

Ion Ratio Lower Upper

43 100

74 33.4 27.8 41.8



#16

Methylene chloride

Concen: 44.520 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

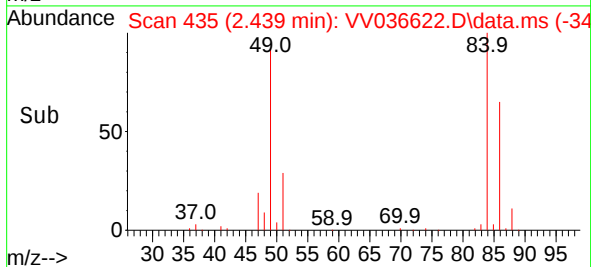
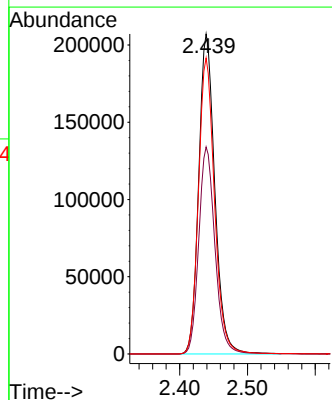
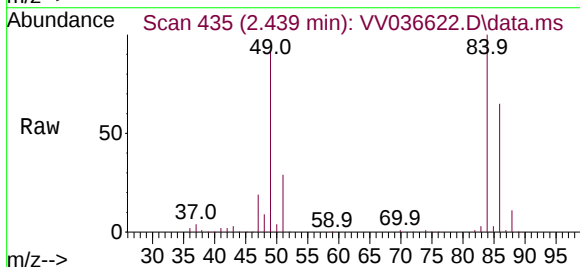
Tgt Ion: 84 Resp: 341889

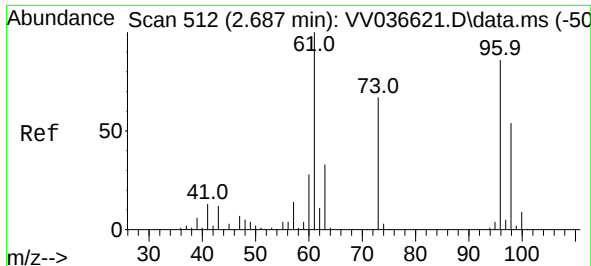
Ion Ratio Lower Upper

84 100

86 64.7 47.2 87.6

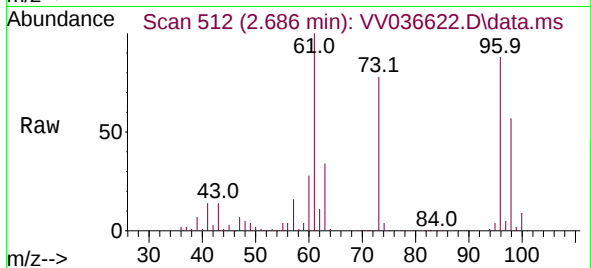
49 92.5 67.3 125.1



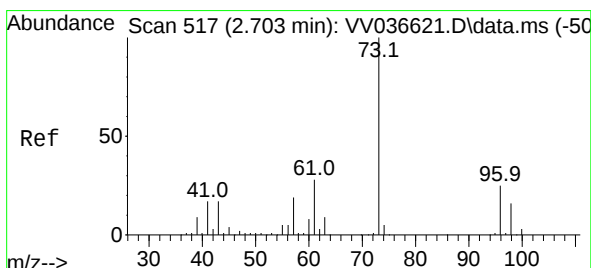
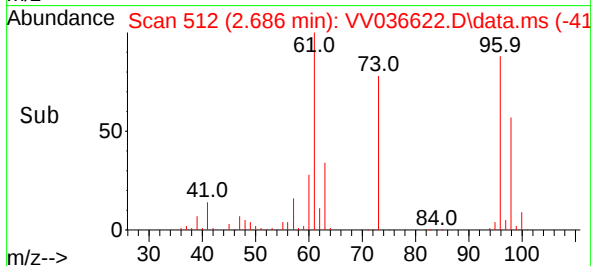
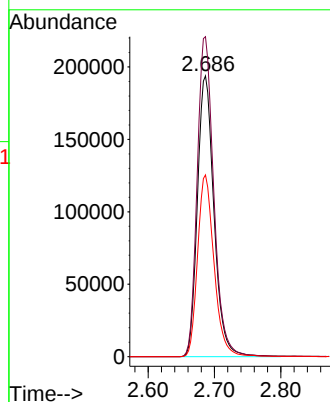


#17
trans-1,2-Dichloroethene
Concen: 52.300 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

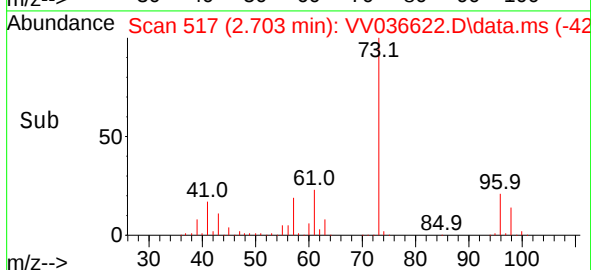
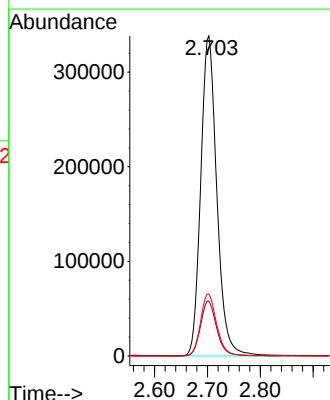
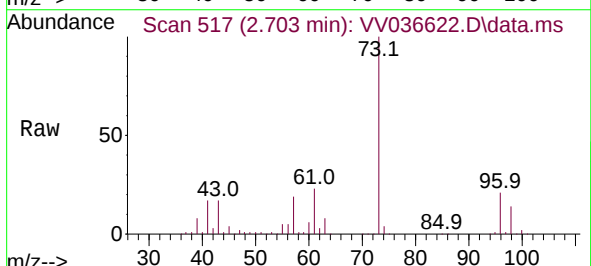


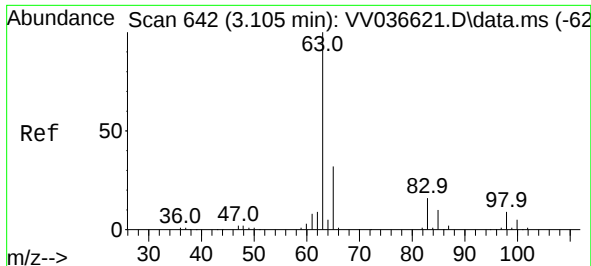
Tgt Ion: 96 Resp: 336311
Ion Ratio Lower Upper
96 100
61 113.9 81.5 151.5
98 64.7 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 53.054 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion: 73 Resp: 715537
Ion Ratio Lower Upper
73 100
43 16.9 13.8 20.6
57 19.5 15.4 23.2





#19

1,1-Dichloroethane

Concen: 51.184 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

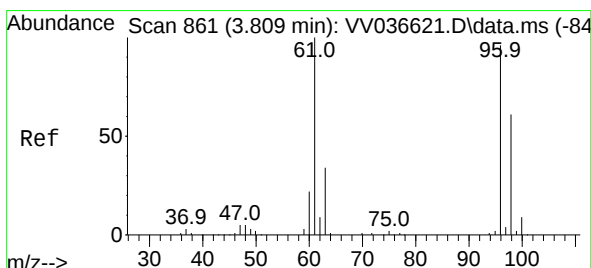
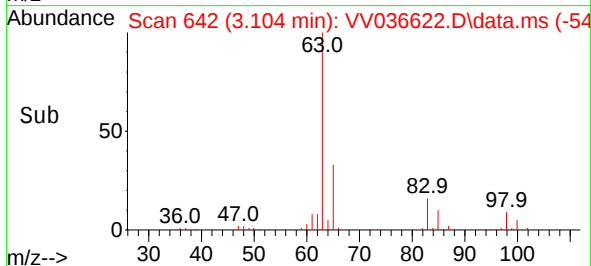
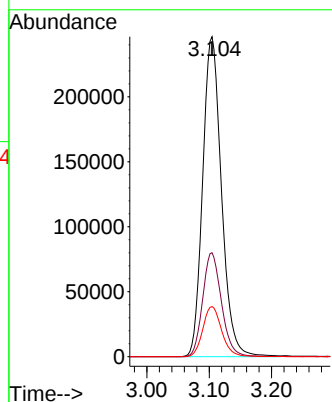
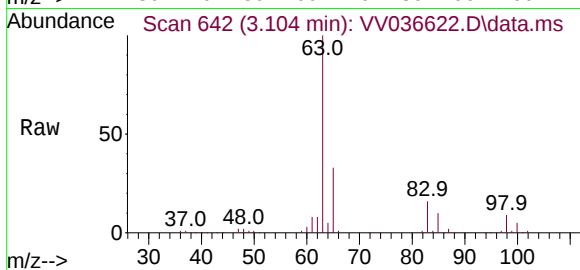
Tgt Ion: 63 Resp: 516372

Ion Ratio Lower Upper

63 100

65 32.5 22.7 42.1

83 15.7 11.1 20.7



#20

cis-1,2-Dichloroethene

Concen: 53.044 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

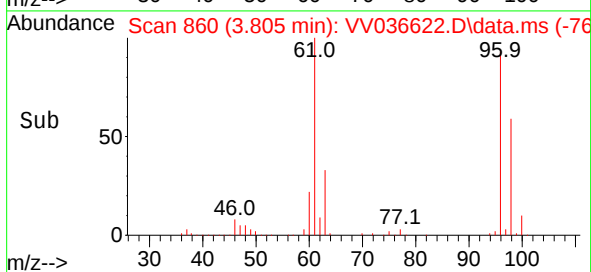
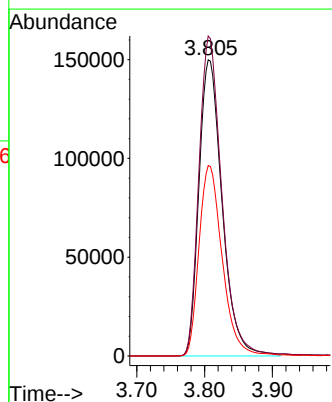
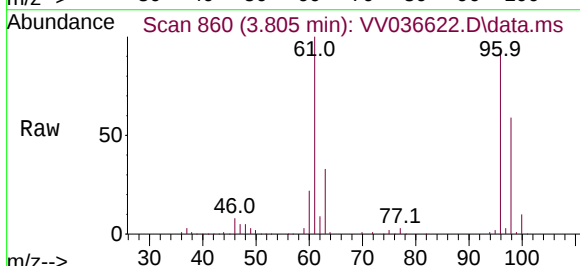
Tgt Ion: 96 Resp: 356219

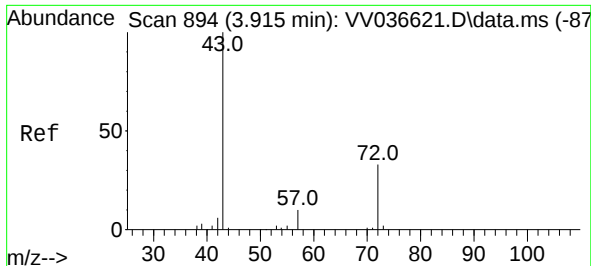
Ion Ratio Lower Upper

96 100

61 108.0 73.0 135.6

98 64.2 44.8 83.2





#22

2-Butanone

Concen: 115.339 ug/L

RT: 3.899 min Scan# 894

Delta R.T. -0.016 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

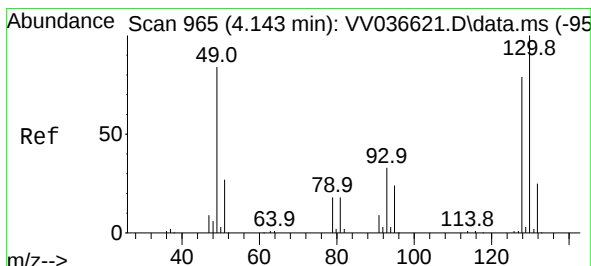
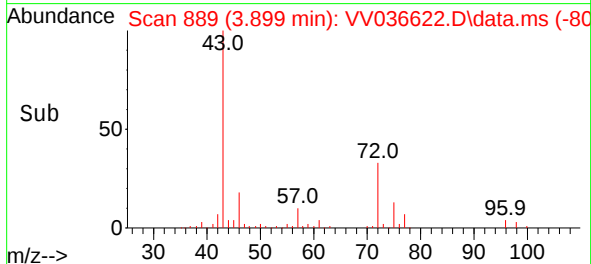
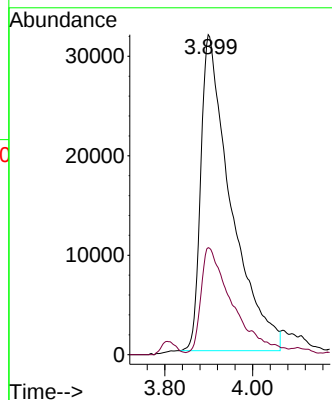
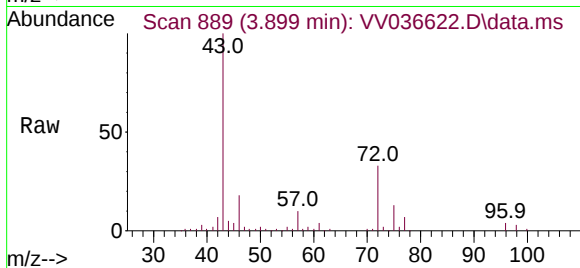
ClientSampleId :

Tgt Ion: 43 Resp: 151568

Ion Ratio Lower Upper

43 100

72 30.3 15.2 45.5



#23

Bromochloromethane

Concen: 52.227 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Tgt Ion:128 Resp: 184791

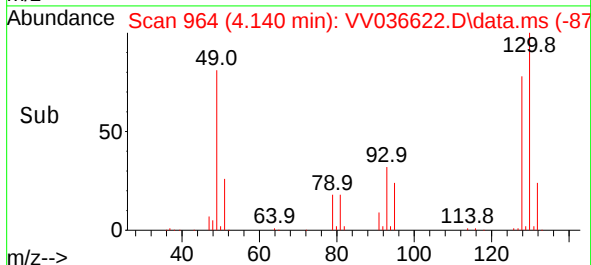
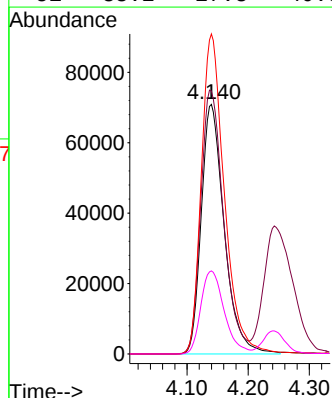
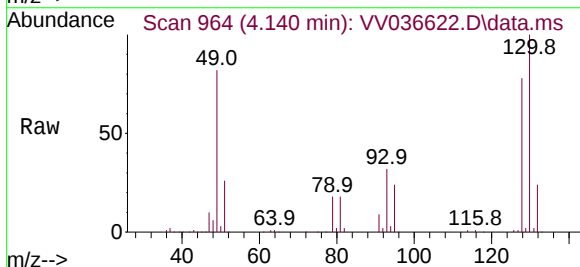
Ion Ratio Lower Upper

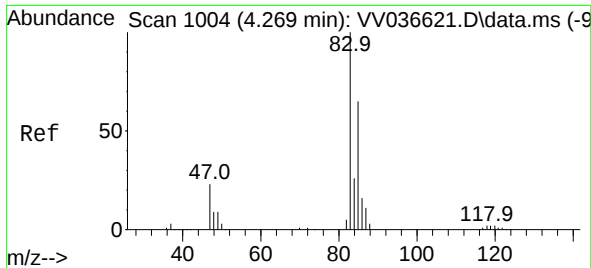
128 100

49 105.3 74.4 138.2

130 128.2 88.6 164.6

51 33.2 27.3 40.9

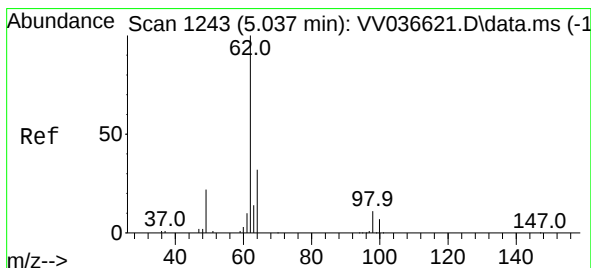
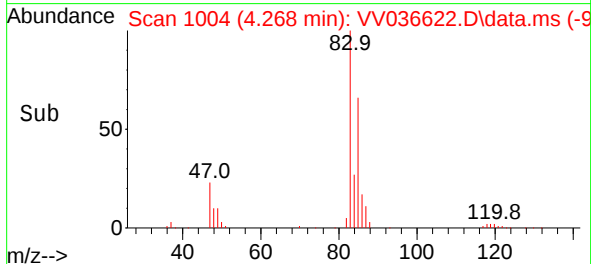
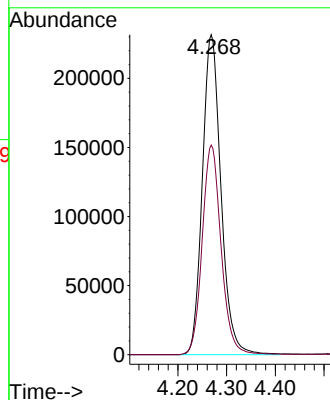
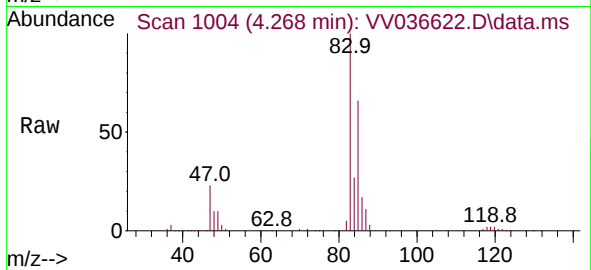




#25
Chloroform
Concen: 50.541 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

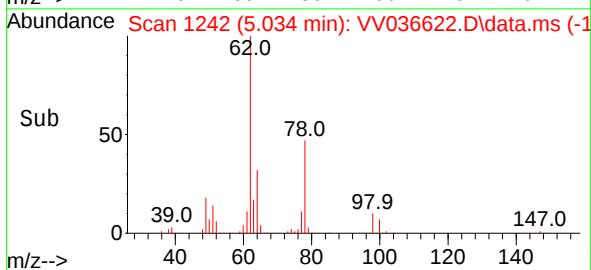
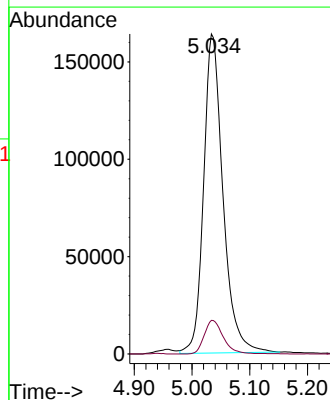
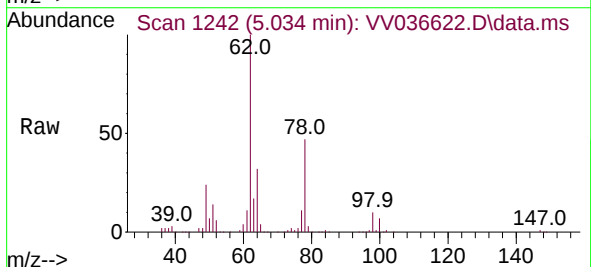
Instrument :
MSVOA_V
ClientSampleId :

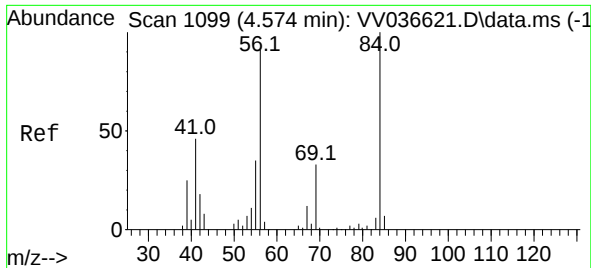
Tgt Ion: 83 Resp: 615481
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.6



#27
1,2-Dichloroethane
Concen: 52.150 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion: 62 Resp: 381074
Ion Ratio Lower Upper
62 100
98 10.5 9.0 13.6





#29

Cyclohexane

Concen: 55.766 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

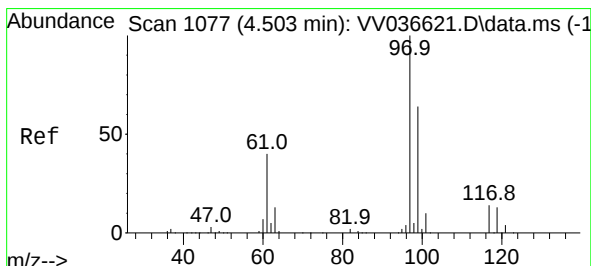
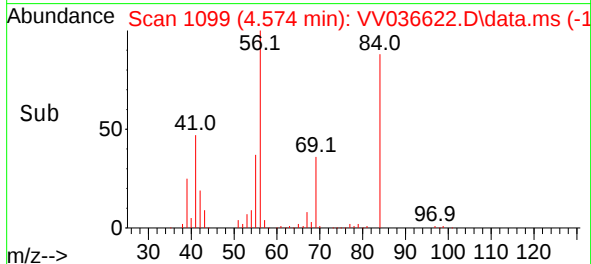
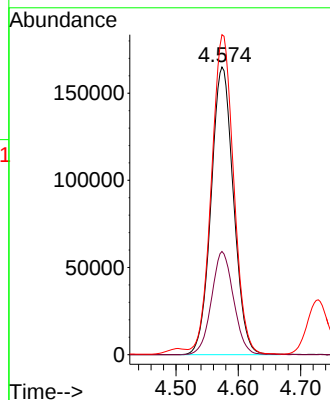
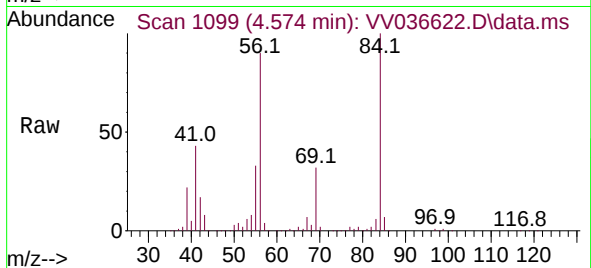
Tgt Ion: 56 Resp: 411741

Ion Ratio Lower Upper

56 100

69 35.2 28.5 42.7

84 110.4 88.6 132.8



#30

1,1,1-Trichloroethane

Concen: 50.735 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

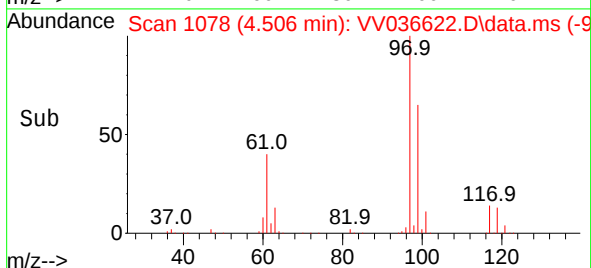
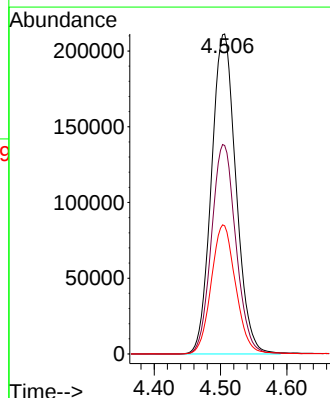
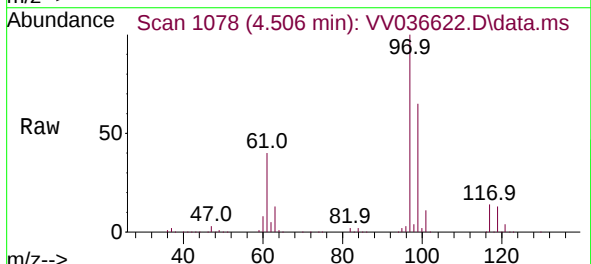
Tgt Ion: 97 Resp: 543569

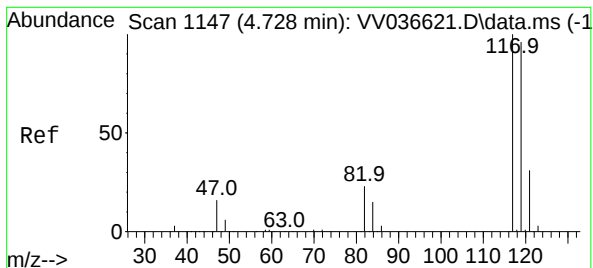
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 40.1 31.9 47.9





#31

Carbon tetrachloride

Concen: 50.831 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

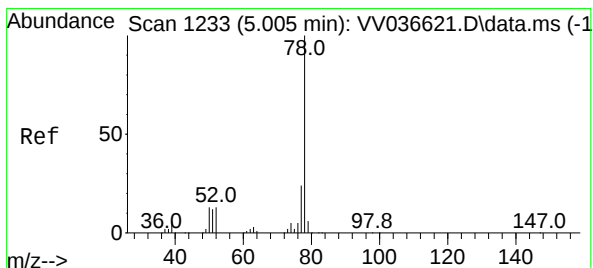
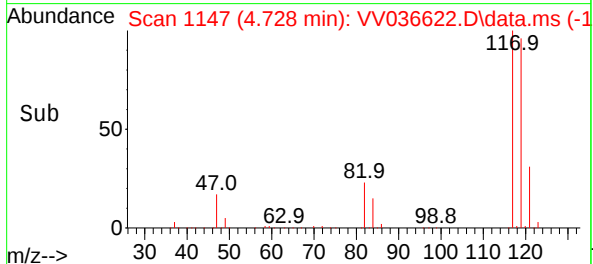
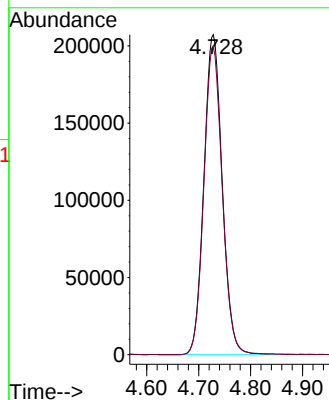
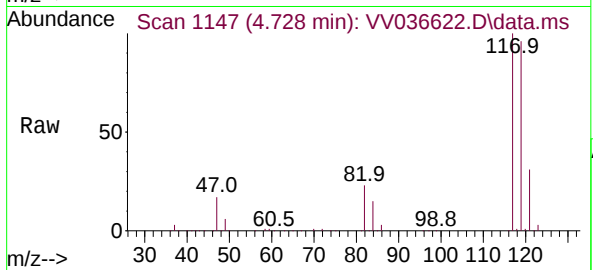
ClientSampleId :

Tgt Ion:117 Resp: 508816

Ion Ratio Lower Upper

117 100

119 96.5 76.6 115.0



#33

Benzene

Concen: 52.216 ug/L

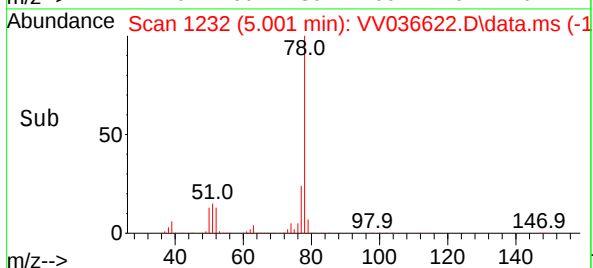
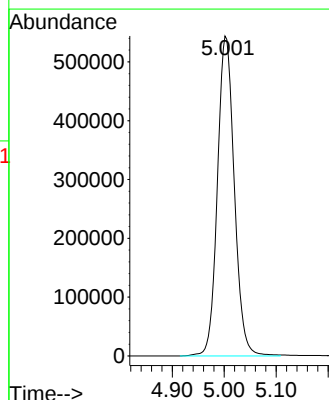
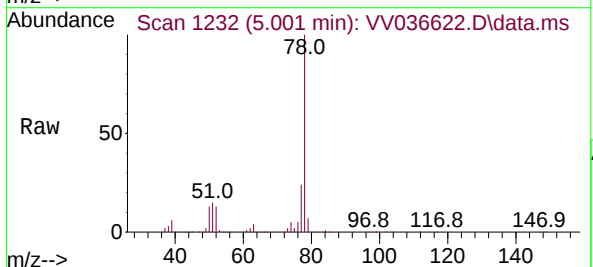
RT: 5.001 min Scan# 1232

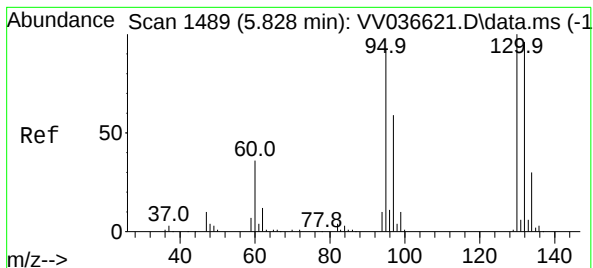
Delta R.T. -0.003 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Tgt Ion: 78 Resp: 1228011





#34

Trichloroethene

Concen: 51.610 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 397211

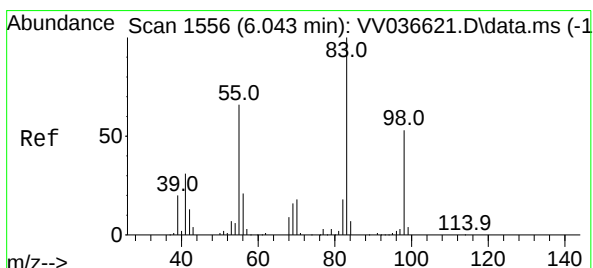
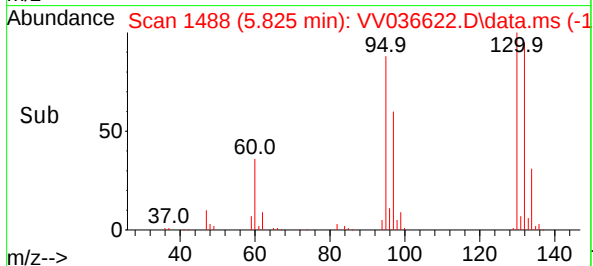
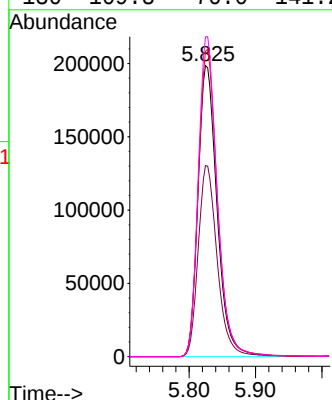
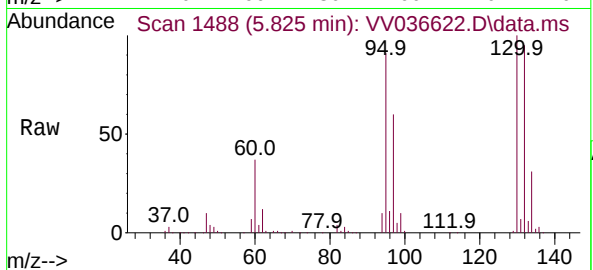
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.7

132 104.8 72.7 134.9

130 109.8 76.0 141.2



#35

Methylcyclohexane

Concen: 55.186 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

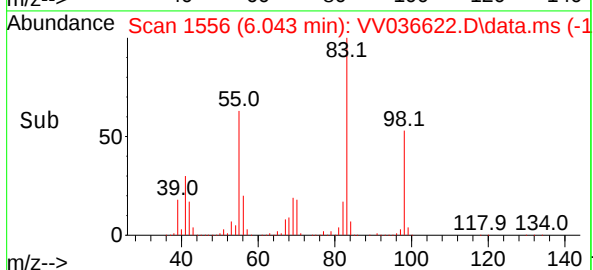
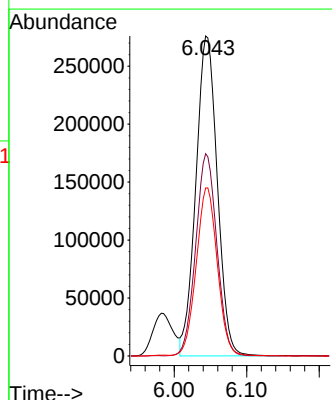
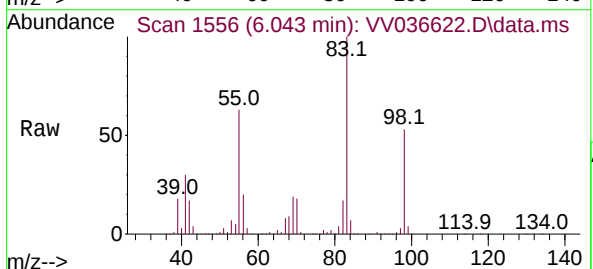
Tgt Ion: 83 Resp: 565535

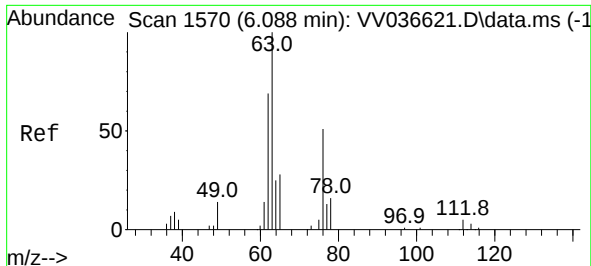
Ion Ratio Lower Upper

83 100

55 62.4 50.8 76.2

98 52.1 41.3 61.9

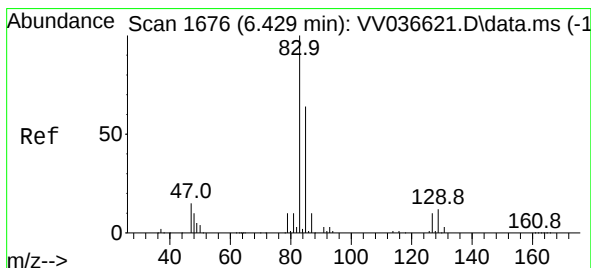
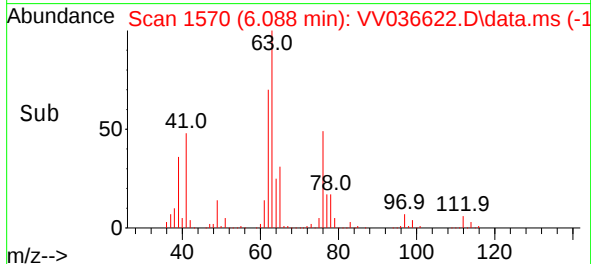
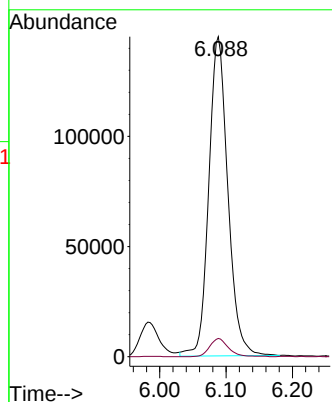
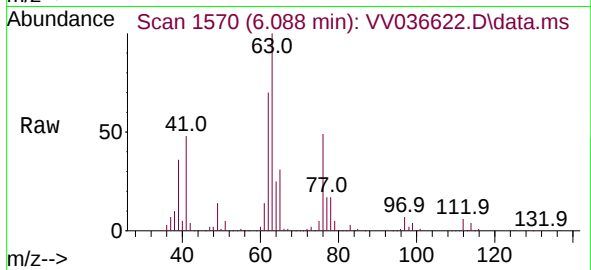




#37
1,2-Dichloropropane
Concen: 53.454 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

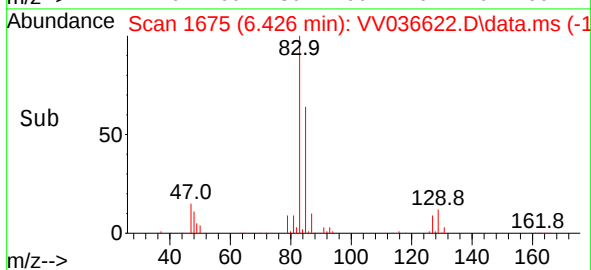
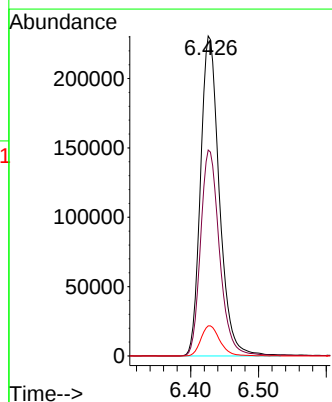
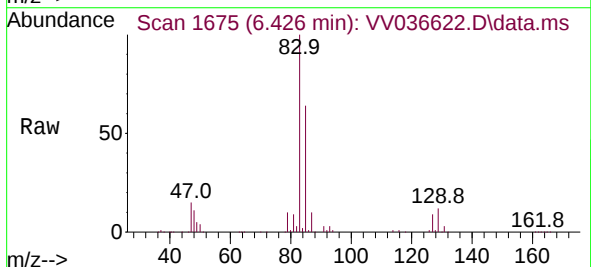
Instrument :
MSVOA_V
ClientSampleId :

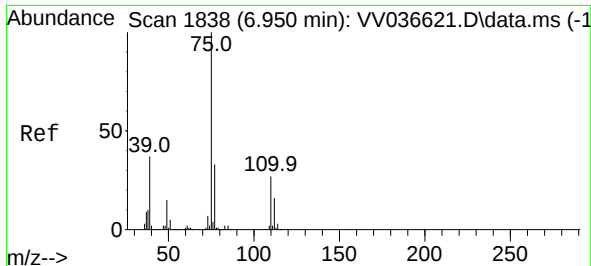
Tgt Ion: 63 Resp: 289314
Ion Ratio Lower Upper
63 100
112 5.6 4.8 7.2



#38
Bromodichloromethane
Concen: 50.421 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion: 83 Resp: 444945
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8
127 9.4 7.8 11.6

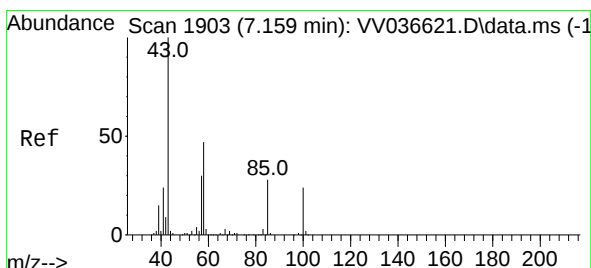
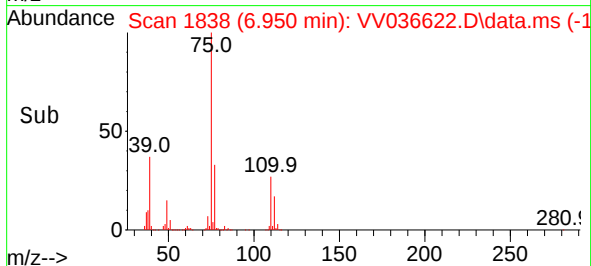
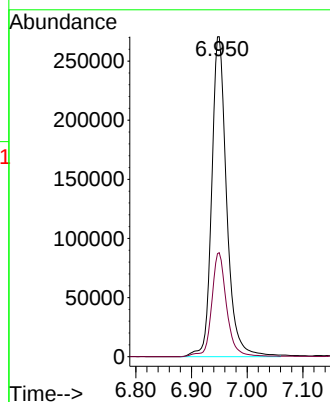
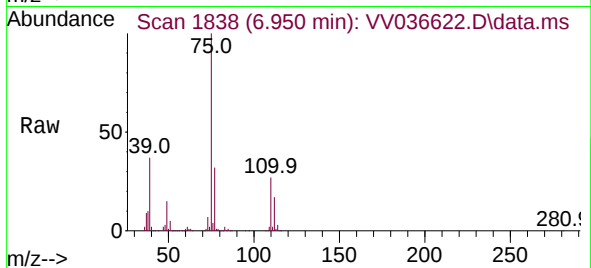




#39
cis-1,3-Dichloropropene
Concen: 55.355 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

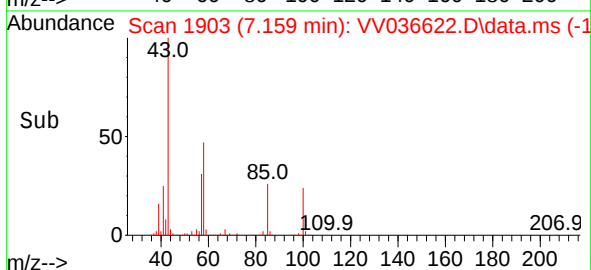
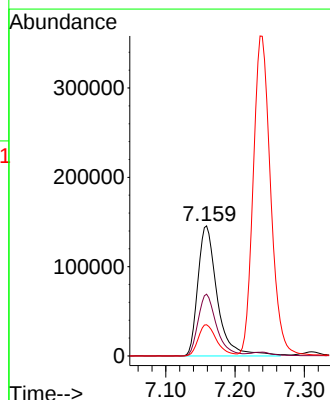
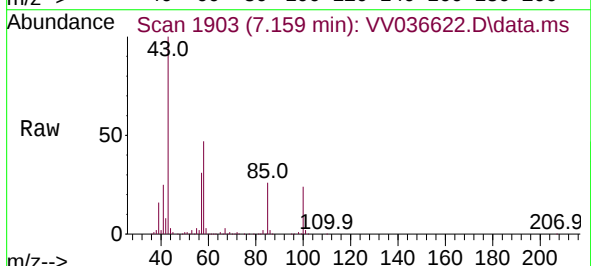
Instrument :
MSVOA_V
ClientSampleId :

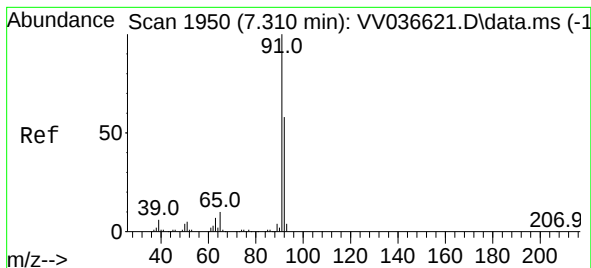
Tgt Ion: 75 Resp: 506235
Ion Ratio Lower Upper
75 100
77 32.5 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 115.014 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion: 43 Resp: 283658
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8
100 22.8 18.2 27.4





#42

Toluene

Concen: 54.799 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

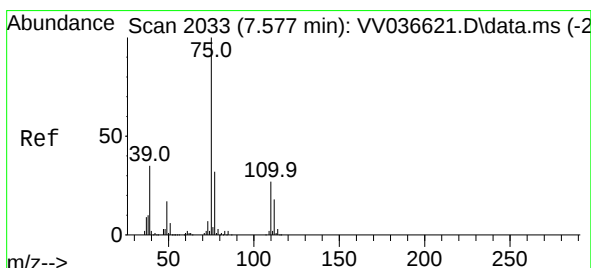
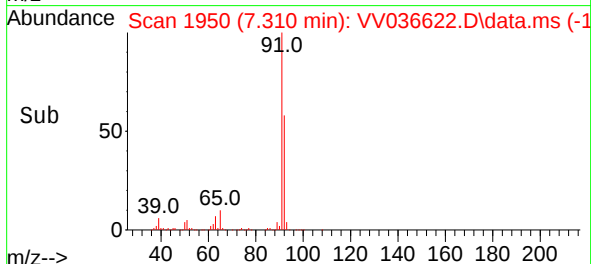
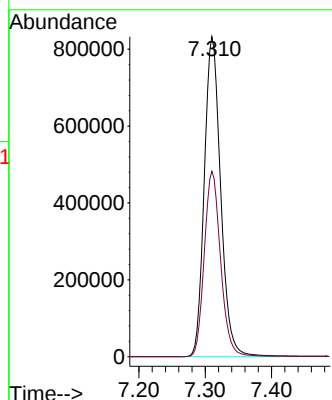
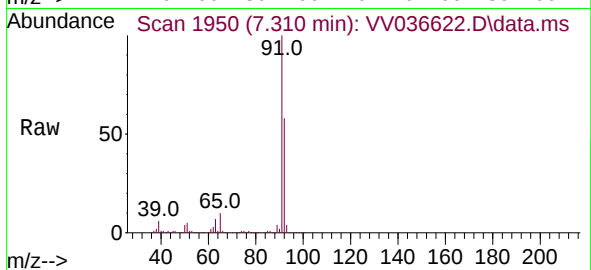
ClientSampleId :

Tgt Ion: 91 Resp: 1427434

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 55.768 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036622.D

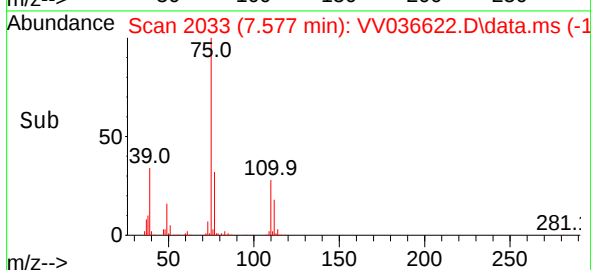
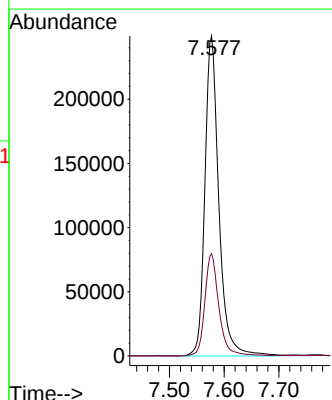
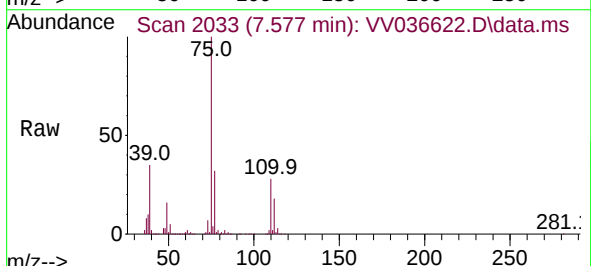
Acq: 22 Jul 2024 10:06

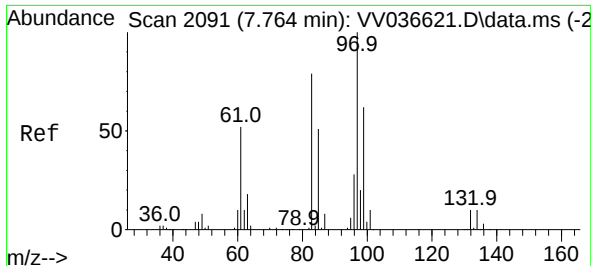
Tgt Ion: 75 Resp: 441416

Ion Ratio Lower Upper

75 100

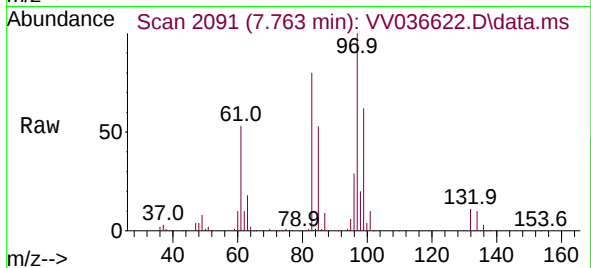
77 31.9 22.6 42.0





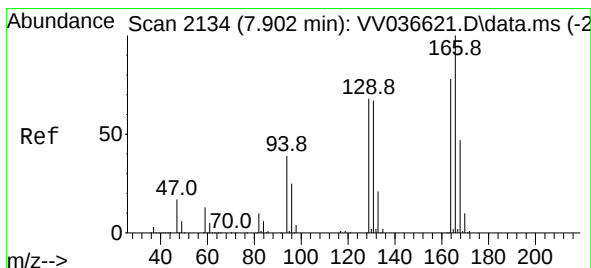
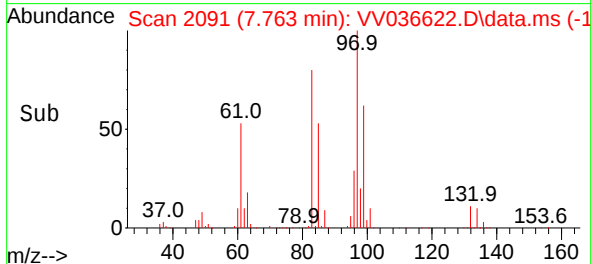
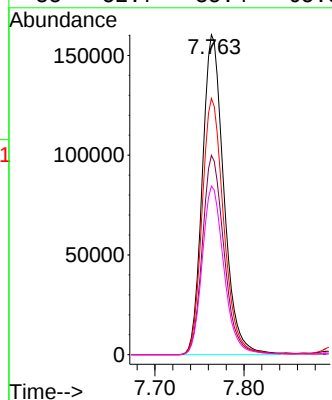
#45
1,1,2-Trichloroethane
Concen: 51.062 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 269536

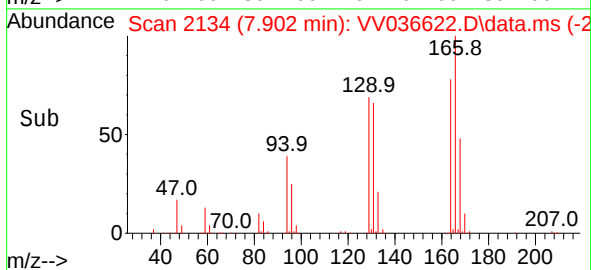
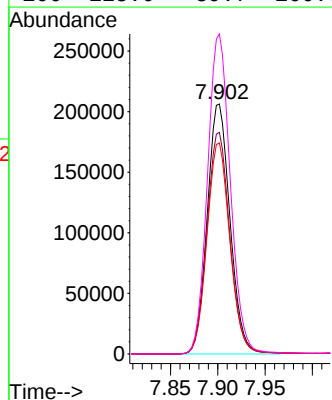
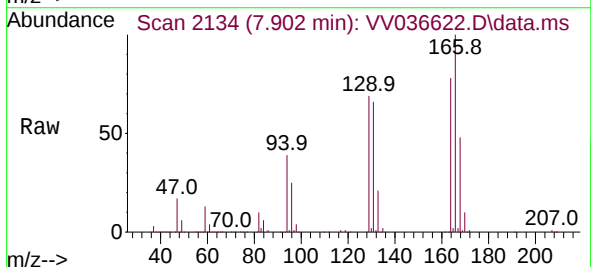
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.5	80.7
83	80.1	55.4	103.0
85	52.7	35.4	65.8

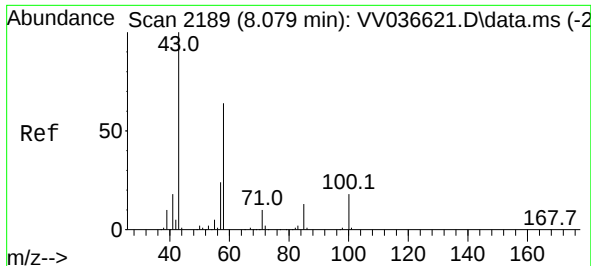


#46
Tetrachloroethene
Concen: 45.439 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion: 164 Resp: 347028

Ion	Ratio	Lower	Upper
164	100		
129	88.7	61.0	113.2
131	84.4	60.1	111.5
166	128.0	89.7	166.7





#48

2-Hexanone

Concen: 116.441 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

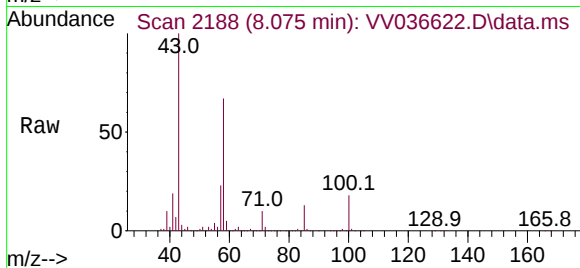
Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 223825

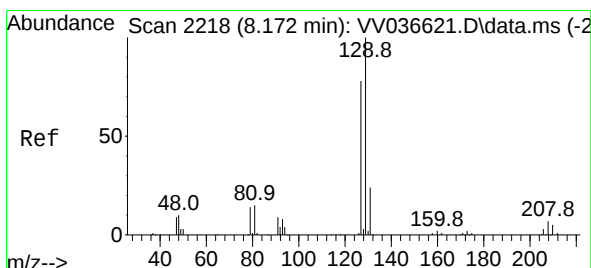
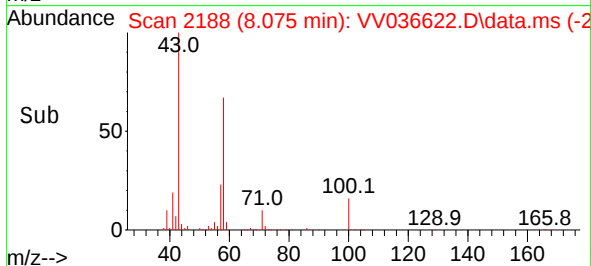
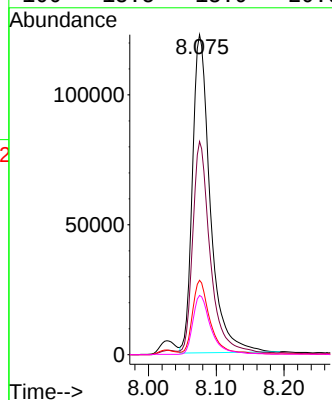
Ion Ratio Lower Upper

43 100

58 65.7 50.6 75.8

57 21.4 17.7 26.5

100 18.5 13.9 20.9



#49

Dibromochloromethane

Concen: 51.862 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min

Lab File: VV036622.D

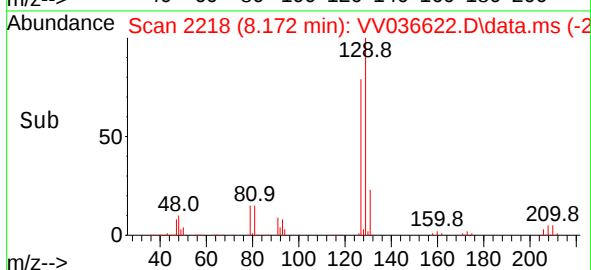
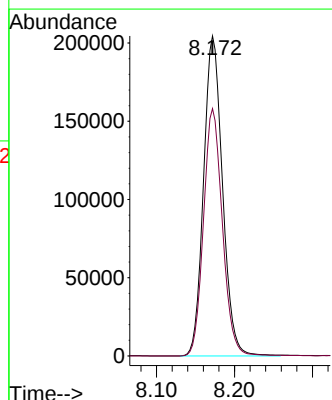
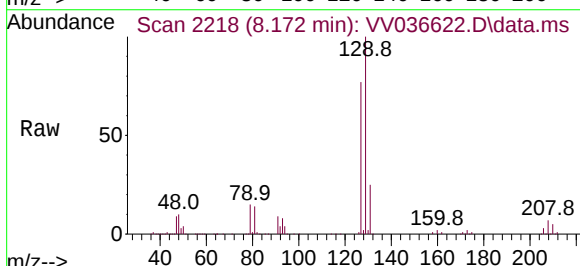
Acq: 22 Jul 2024 10:06

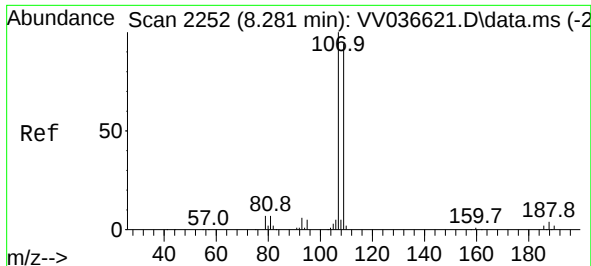
Tgt Ion:129 Resp: 344905

Ion Ratio Lower Upper

129 100

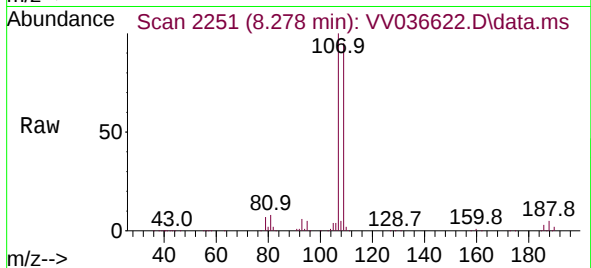
127 77.3 54.3 100.9



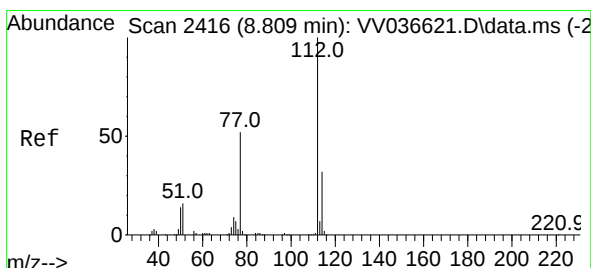
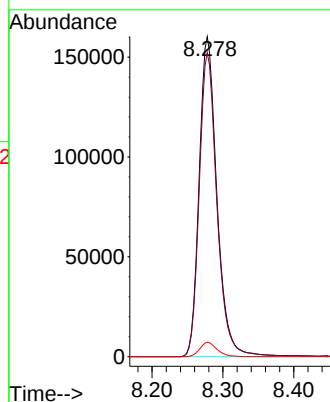
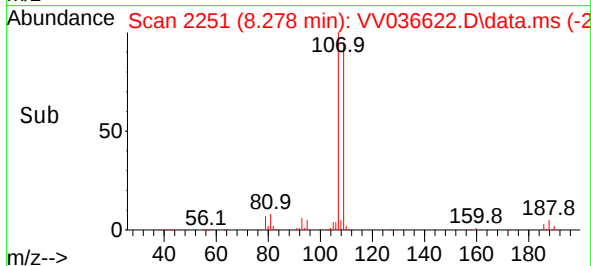


#50
1,2-Dibromoethane
Concen: 52.561 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

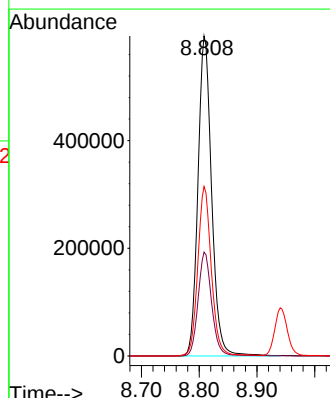
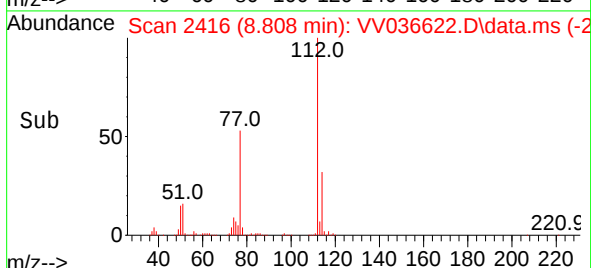
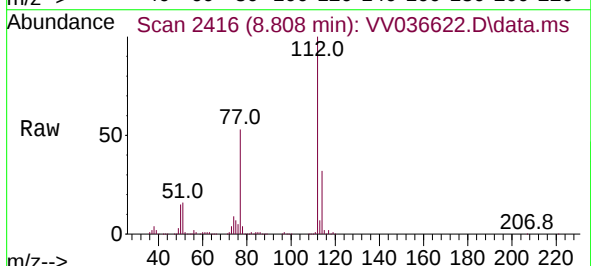


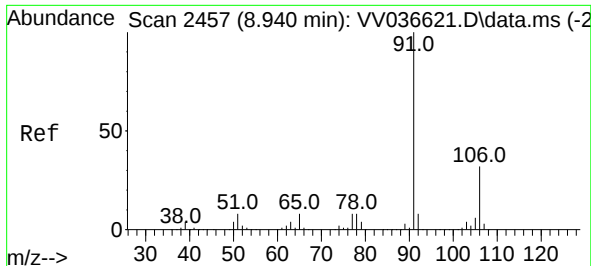
Tgt Ion:107 Resp: 278746
Ion Ratio Lower Upper
107 100
109 95.0 65.5 121.6
188 4.5 3.4 5.2



#51
Chlorobenzene
Concen: 51.857 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion:112 Resp: 978037
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.7
77 53.0 41.9 62.9

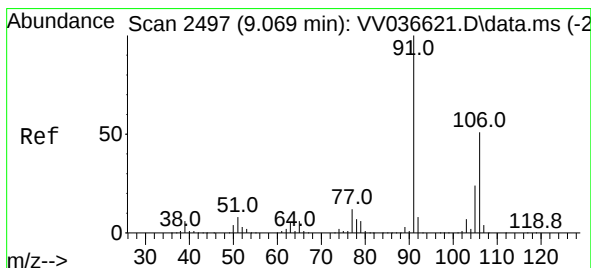
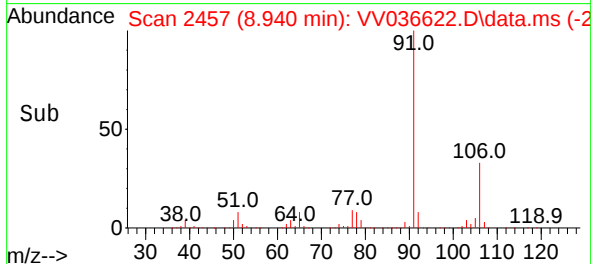
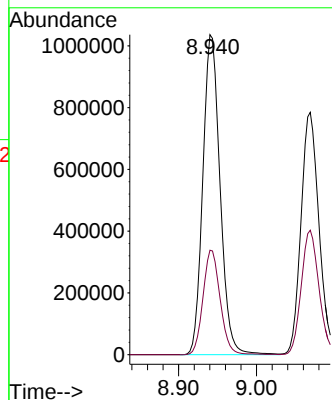
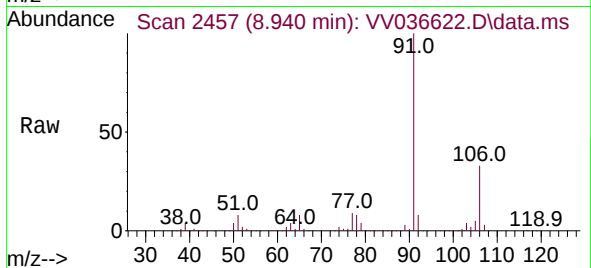




#52
Ethylbenzene
Concen: 55.644 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

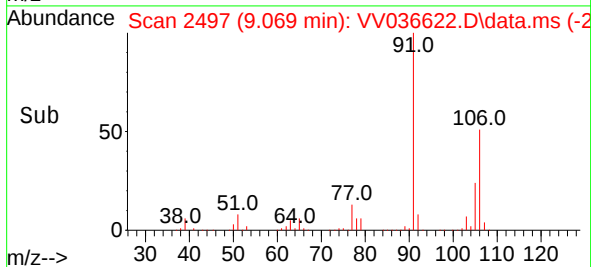
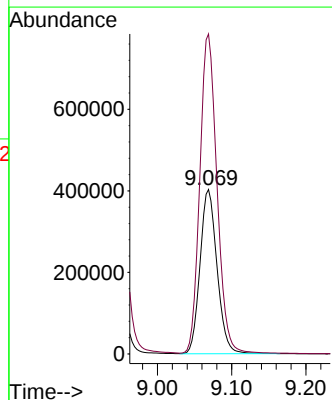
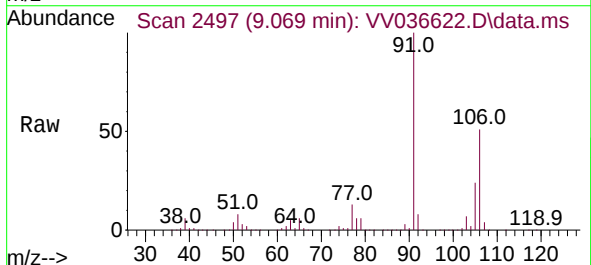
Instrument :
MSVOA_V
ClientSampleId :

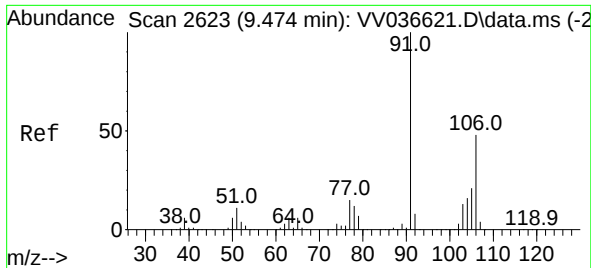
Tgt Ion: 91 Resp: 1594369
Ion Ratio Lower Upper
91 100
106 32.7 22.5 41.7



#53
m,p-Xylene
Concen: 57.273 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion:106 Resp: 640706
Ion Ratio Lower Upper
106 100
91 194.6 136.8 254.0

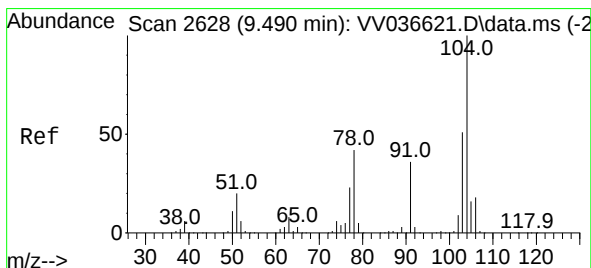
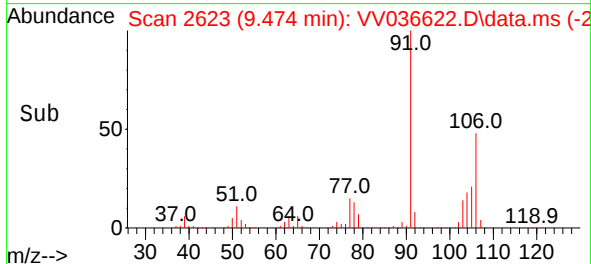
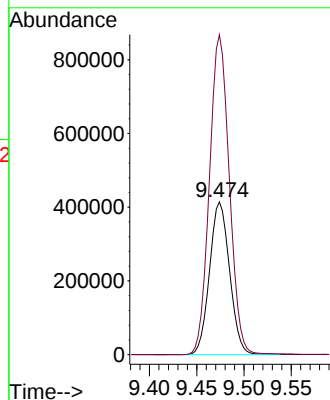
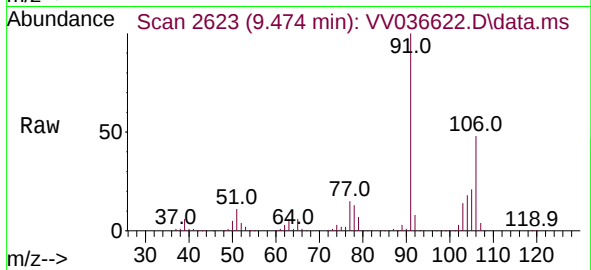




#54
o-Xylene
Concen: 56.879 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

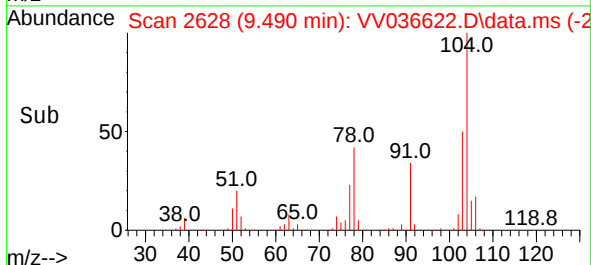
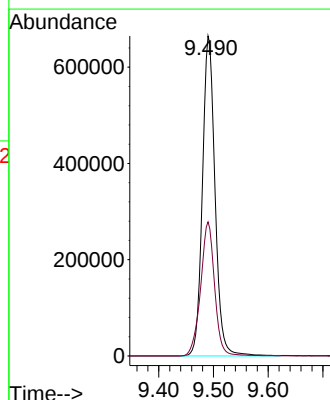
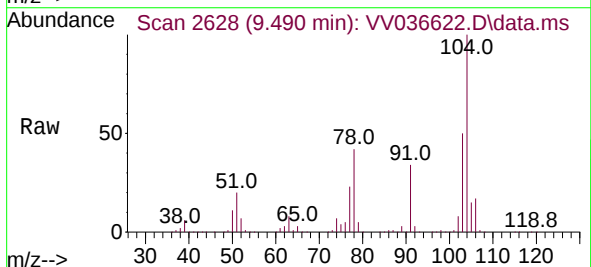
Instrument :
MSVOA_V
ClientSampleId :

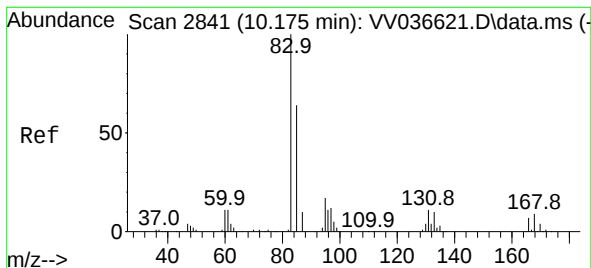
Tgt Ion:106 Resp: 611356
Ion Ratio Lower Upper
106 100
91 209.5 146.1 271.3



#55
Styrene
Concen: 58.449 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

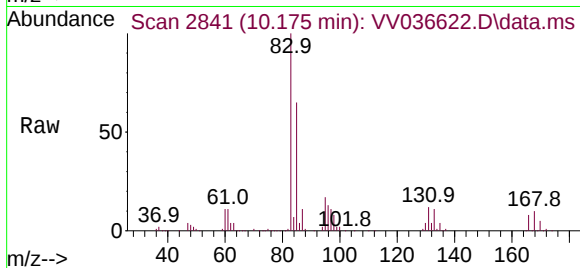
Tgt Ion:104 Resp: 1065281
Ion Ratio Lower Upper
104 100
78 41.9 29.7 55.1



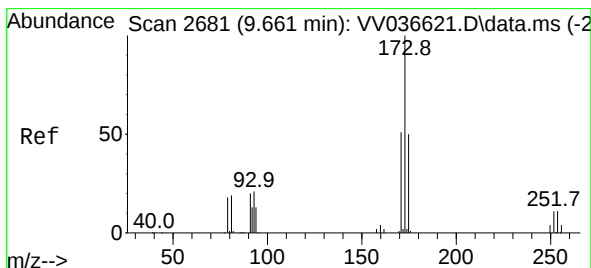
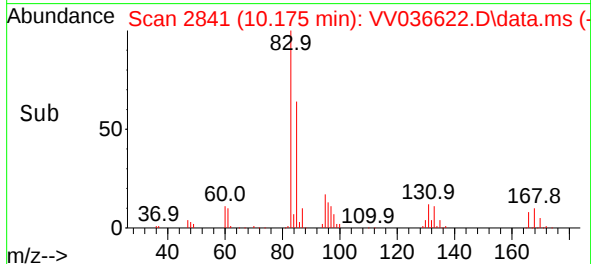
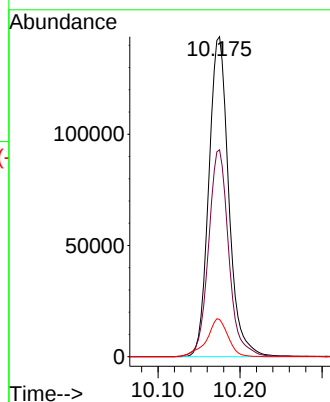


#57
1,1,2,2-Tetrachloroethane
Concen: 50.767 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

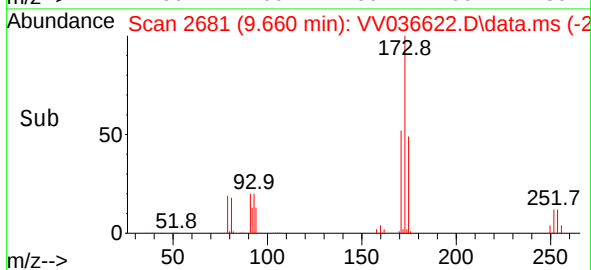
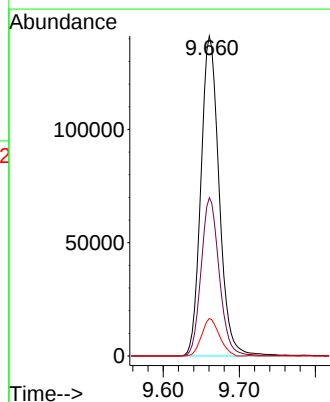
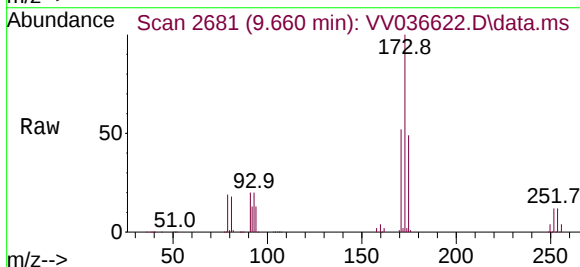


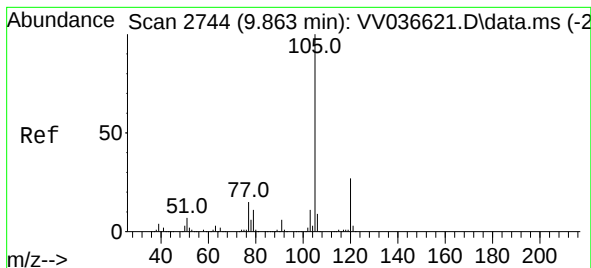
Tgt Ion: 83 Resp: 242808
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.3
131 11.7 9.3 13.9



#59
Bromoform
Concen: 50.884 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion: 173 Resp: 234744
Ion Ratio Lower Upper
173 100
175 49.1 39.6 59.4
254 11.4 8.2 12.4





#60

Isopropylbenzene

Concen: 55.570 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

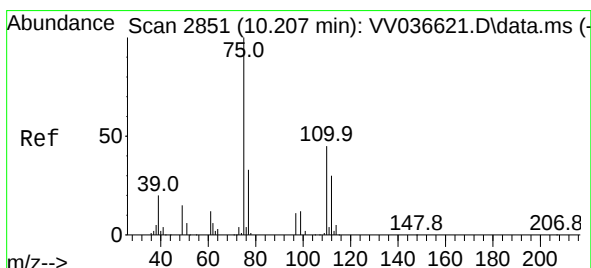
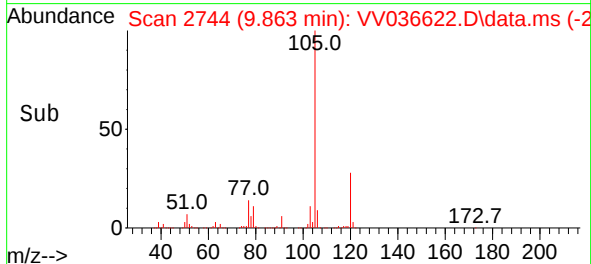
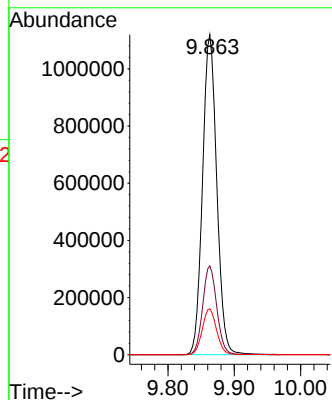
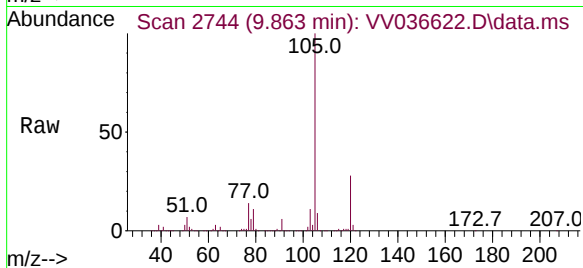
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105 Resp: 1665756

Ion	Ratio	Lower	Upper
105	100		
120	27.5	22.1	33.1
77	14.4	11.8	17.6



#61

1,2,3-Trichloropropane

Concen: 49.262 ug/L

RT: 10.204 min Scan# 2850

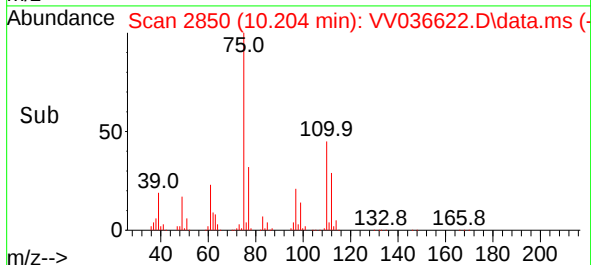
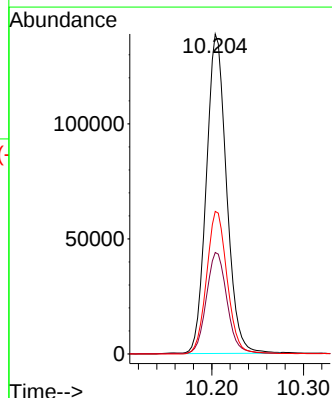
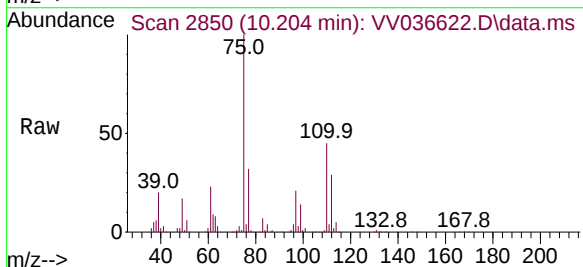
Delta R.T. -0.003 min

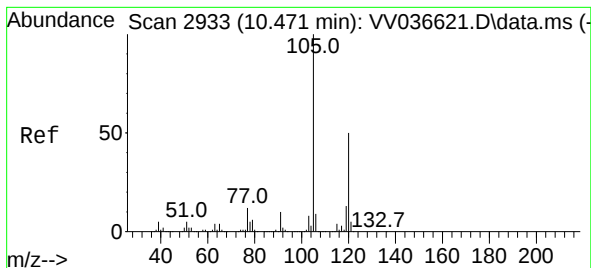
Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Tgt Ion: 75 Resp: 212725

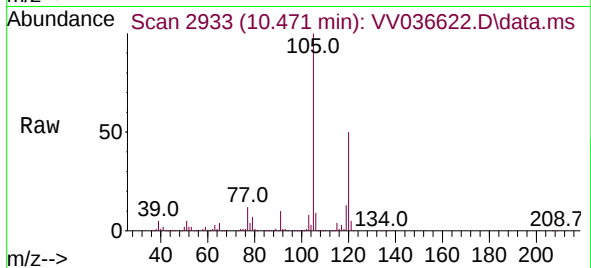
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.9	38.9
110	45.5	36.2	54.4



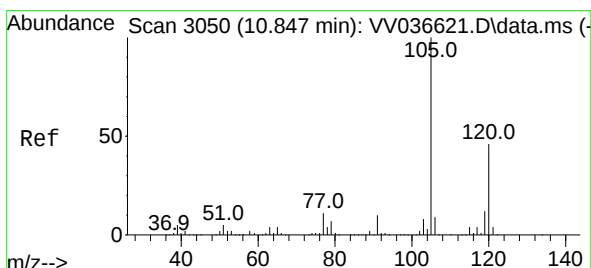
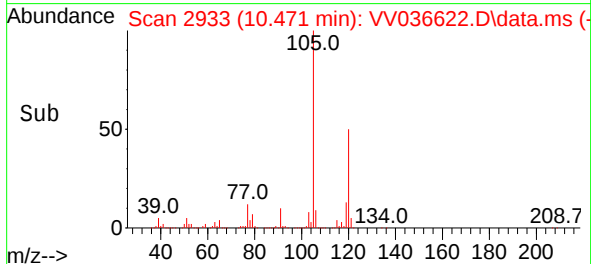
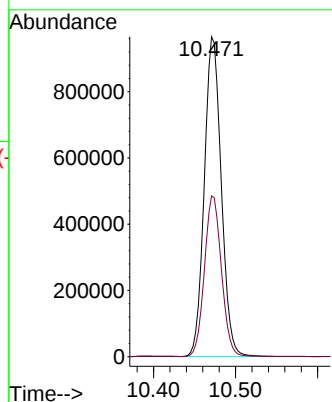


#62
1,3,5-Trimethylbenzene
Concen: 59.265 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

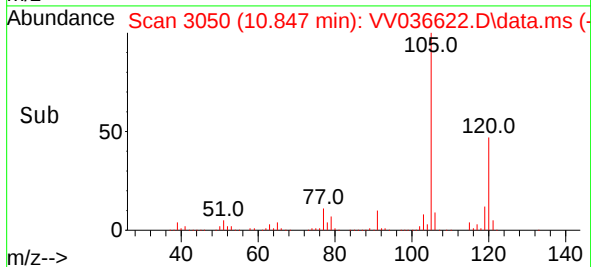
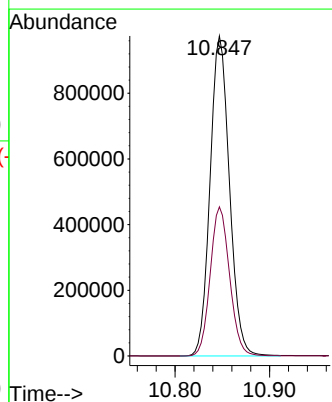
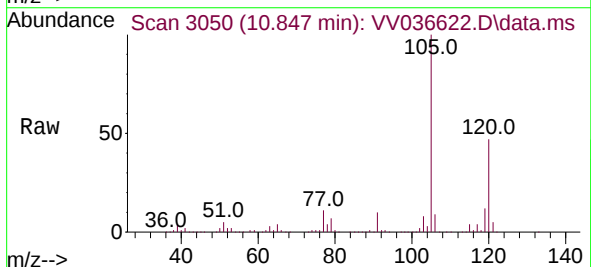


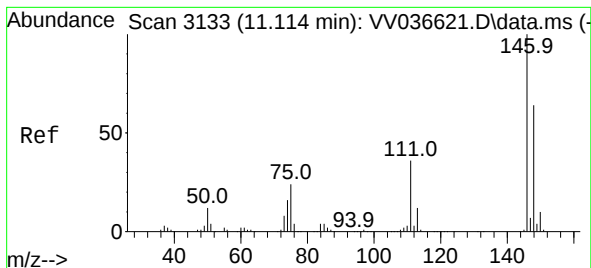
Tgt Ion:105 Resp: 1385732
Ion Ratio Lower Upper
105 100
120 50.4 39.8 59.8



#63
1,2,4-Trimethylbenzene
Concen: 58.596 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VV036622.D
Acq: 22 Jul 2024 10:06

Tgt Ion:105 Resp: 1386913
Ion Ratio Lower Upper
105 100
120 46.6 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 51.443 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

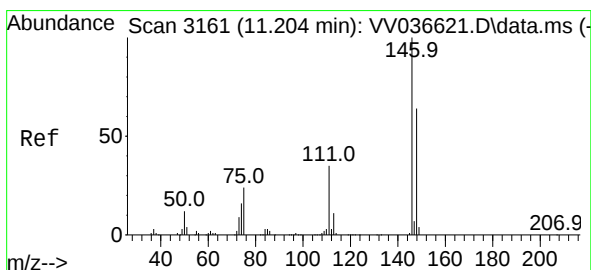
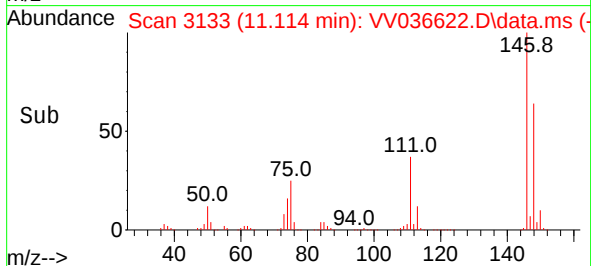
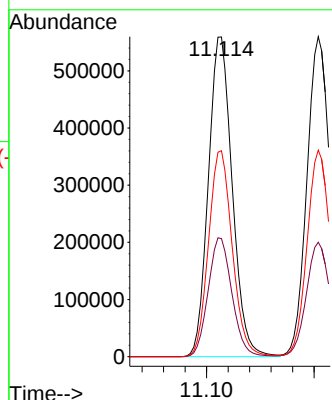
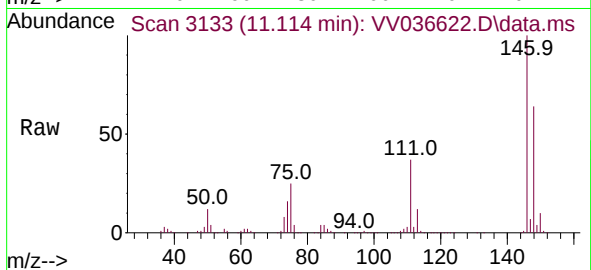
Tgt Ion:146 Resp: 862025

Ion Ratio Lower Upper

146 100

111 36.9 25.5 47.3

148 64.4 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 50.508 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

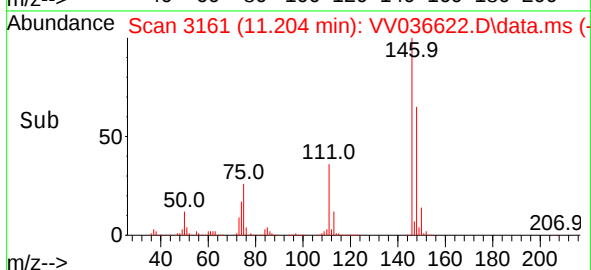
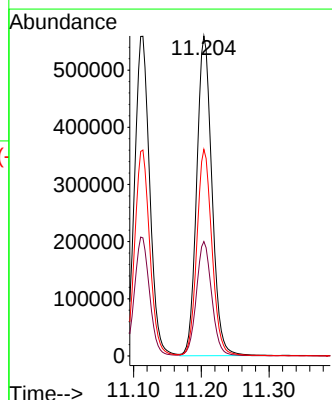
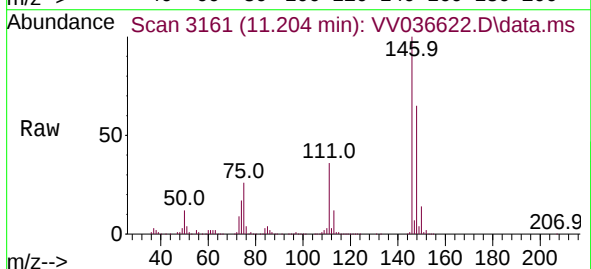
Tgt Ion:146 Resp: 871603

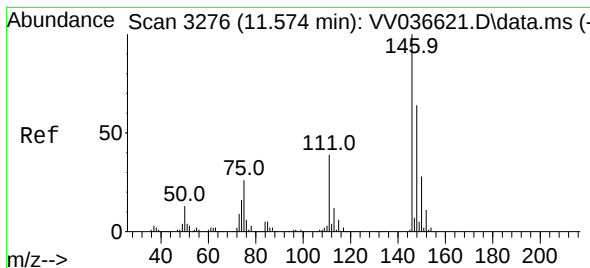
Ion Ratio Lower Upper

146 100

111 35.7 24.9 46.3

148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 51.216 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

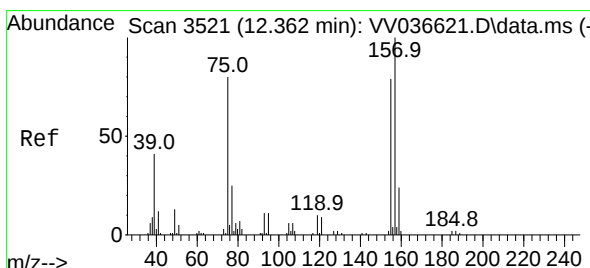
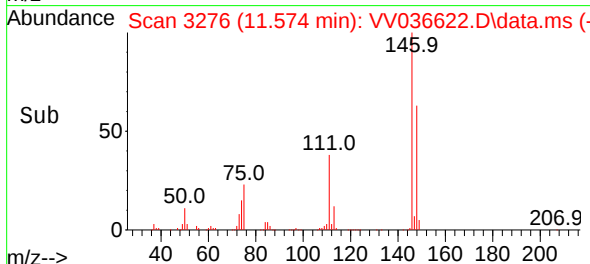
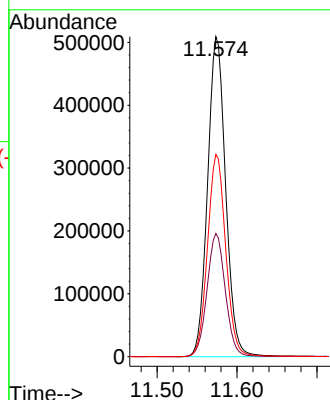
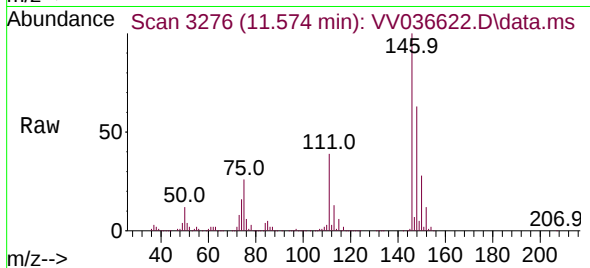
Tgt Ion:146 Resp: 797983

Ion Ratio Lower Upper

146 100

111 38.5 31.3 46.9

148 63.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 50.348 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

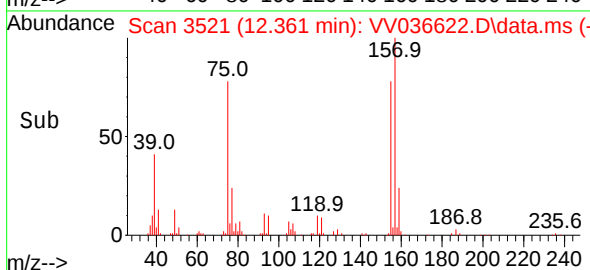
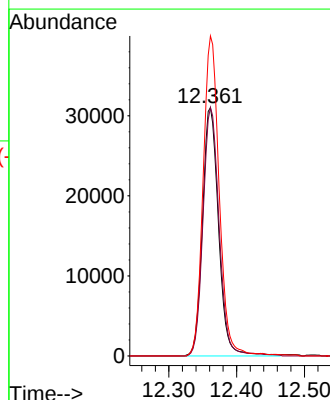
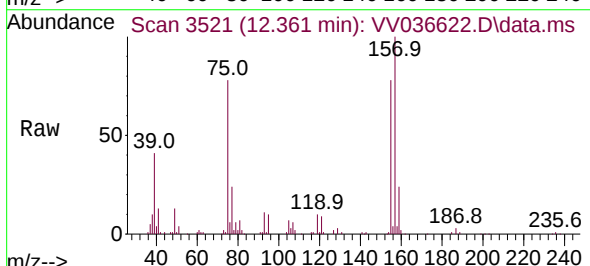
Tgt Ion: 75 Resp: 51200

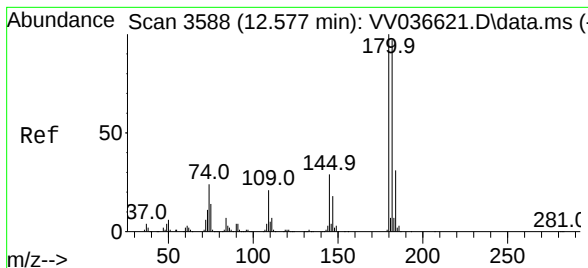
Ion Ratio Lower Upper

75 100

155 100.1 79.5 119.3

157 128.9 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 51.660 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

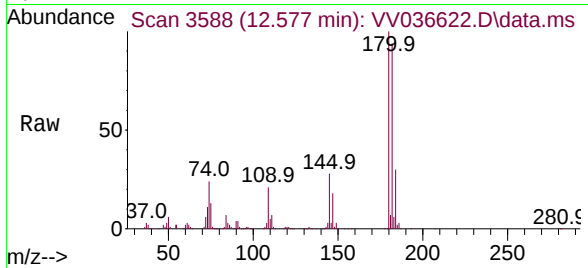
Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 682886

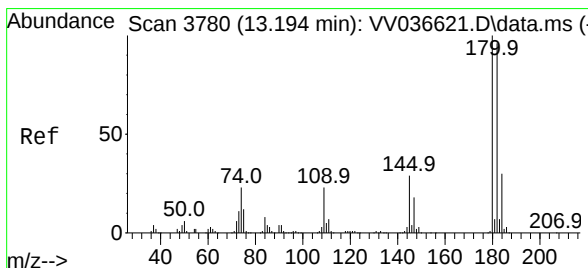
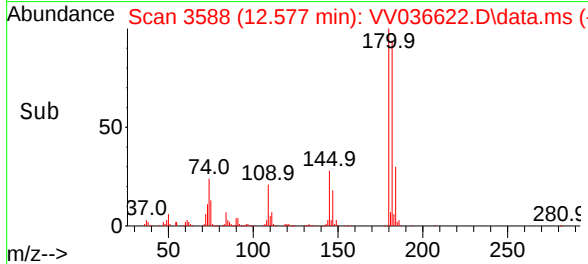
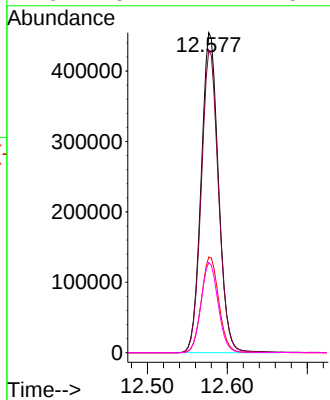
Ion Ratio Lower Upper

180 100

182 94.9 77.0 115.4

184 30.3 24.6 36.8

145 28.1 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 53.646 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

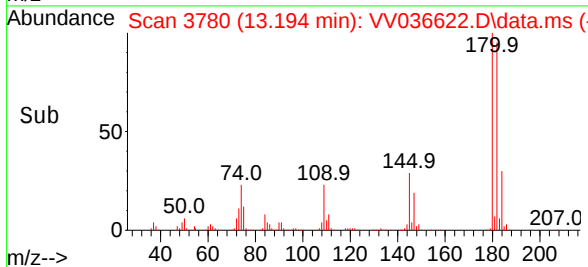
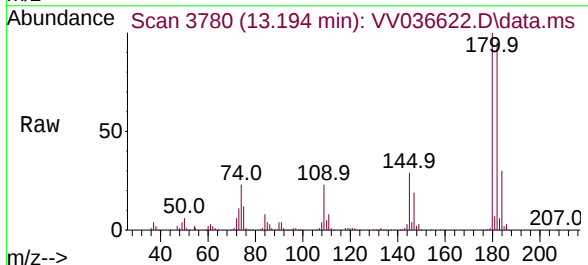
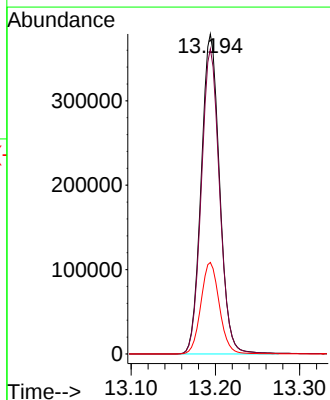
Tgt Ion:180 Resp: 576035

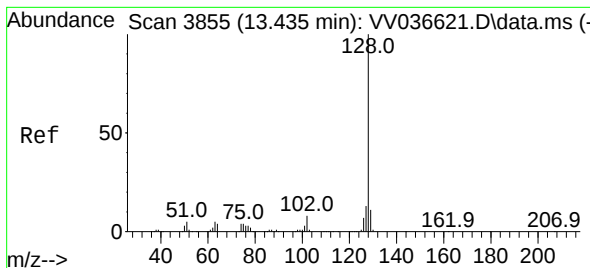
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 28.8 23.0 34.6





#71

Naphthalene

Concen: 58.524 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

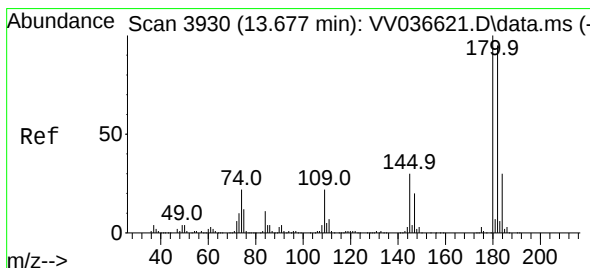
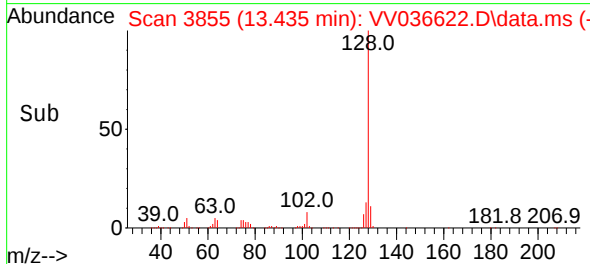
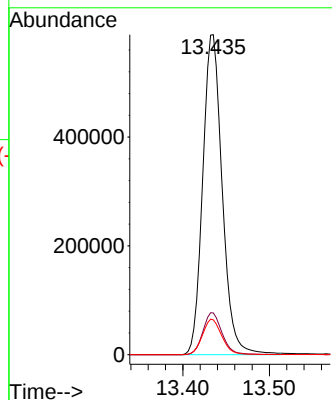
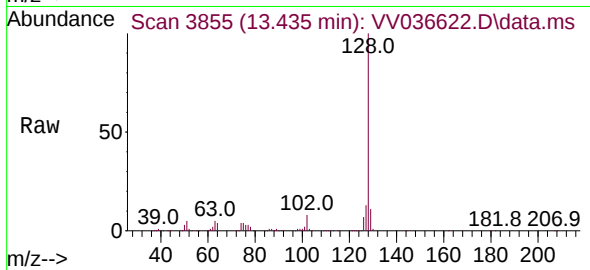
Tgt Ion:128 Resp: 920271

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.851 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.003 min

Lab File: VV036622.D

Acq: 22 Jul 2024 10:06

Tgt Ion:180 Resp: 521735

Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

145 30.6 24.6 37.0

