

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036927.D
 Acq On : 13 Aug 2024 17:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 04:14:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	661808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	620787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	308996	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	187789	35.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.060%
7) Chloroethane-d5	1.532	69	172485	41.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	2.060	65	81359	35.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.960%
21) 2-Butanone-d5	3.796	46	270947	96.744	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	4.246	84	430878	45.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	4.940	65	272007	44.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.200%
32) Benzene-d6	4.953	84	780307	41.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.240%
36) 1,2-Dichloropropane-d6	5.985	67	272854	45.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.220%
41) Toluene-d8	7.239	98	656864	38.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.380%#
43) trans-1,3-Dichloroprop...	7.551	79	117286	37.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.520%
47) 2-Hexanone-d5	8.024	63	175176	100.718	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.720%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	355172	51.137	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	11.554	152	275049	43.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	256791	48.663	ug/L	99
3) Chloromethane	1.217	50	288862	52.307	ug/L	99
5) Vinyl chloride	1.281	62	289641	51.072	ug/L	96
6) Bromomethane	1.487	94	181574	50.852	ug/L	98
8) Chloroethane	1.548	64	183983	52.373	ug/L	96
9) Trichlorofluoromethane	1.712	101	360554	48.537	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	206677	47.217	ug/L	99
12) 1,1-Dichloroethene	2.069	96	204437	48.902	ug/L	93
13) Acetone	2.114	43	186137	79.435	ug/L	98
14) Carbon disulfide	2.240	76	559909	42.637	ug/L	99
15) Methyl Acetate	2.371	43	246147	50.992	ug/L	98
16) Methylene chloride	2.445	84	246777	52.507	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	216602	50.020	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	779174	51.089	ug/L	100
19) 1,1-Dichloroethane	3.105	63	457685	52.314	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	259468	51.050	ug/L	96
22) 2-Butanone	3.879	43	280930	89.494	ug/L	97
23) Bromochloromethane	4.143	128	130237	52.750	ug/L	99
25) Chloroform	4.272	83	464564	51.699	ug/L	99

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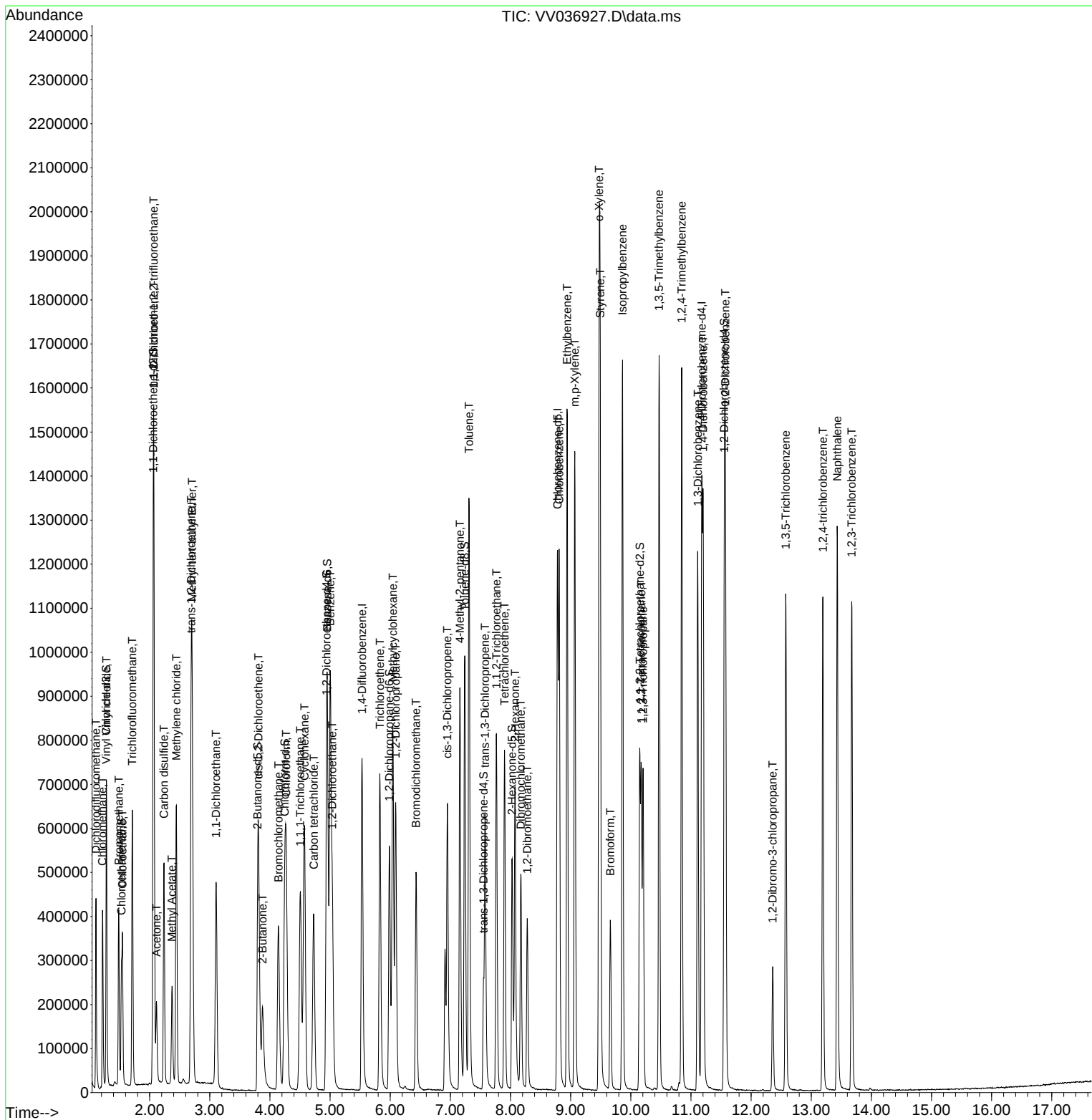
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 MSVOA_V
 ClientSampleId :

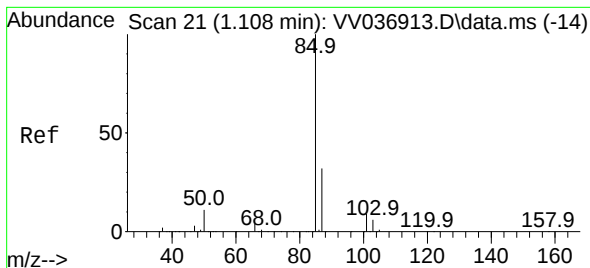
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 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	361196	50.959	ug/L	99
29) Cyclohexane	4.574	56	347514	43.936	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	374798	47.921	ug/L	99
31) Carbon tetrachloride	4.728	117	302190	46.007	ug/L	99
33) Benzene	5.005	78	956095	51.492	ug/L	100
34) Trichloroethene	5.828	95	256046	47.581	ug/L	97
35) Methylcyclohexane	6.043	83	353531	42.814	ug/L	99
37) 1,2-Dichloropropane	6.092	63	258392	52.532	ug/L	100
38) Bromodichloromethane	6.429	83	337914	49.888	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	409103	48.564	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	607630	99.723	ug/L	99
42) Toluene	7.310	91	979688	49.536	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	364357	46.416	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	251284	52.753	ug/L	99
46) Tetrachloroethene	7.902	164	164888	46.714	ug/L	98
48) 2-Hexanone	8.075	43	438978	97.930	ug/L	99
49) Dibromochloromethane	8.172	129	244349	49.918	ug/L	100
50) 1,2-Dibromoethane	8.278	107	258941	52.393	ug/L	99
51) Chlorobenzene	8.808	112	632629	49.854	ug/L	98
52) Ethylbenzene	8.940	91	1073186	47.524	ug/L	99
53) m,p-Xylene	9.069	106	398547	47.216	ug/L	97
54) o-Xylene	9.474	106	400616	48.525	ug/L	98
55) Styrene	9.493	104	707572	50.012	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	353224	54.956	ug/L	99
59) Bromoform	9.661	173	160545	46.965	ug/L	98
60) Isopropylbenzene	9.863	105	1055762	46.932	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	285787	51.378	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	868706	46.384	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	874826	46.662	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	482000	49.826	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	491931	50.007	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	479335	50.735	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	70776	44.031	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	321904	46.890	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	309827	47.057	ug/L	100
71) Naphthalene	13.432	128	1001018	47.411	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	315160	48.900	ug/L	98

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

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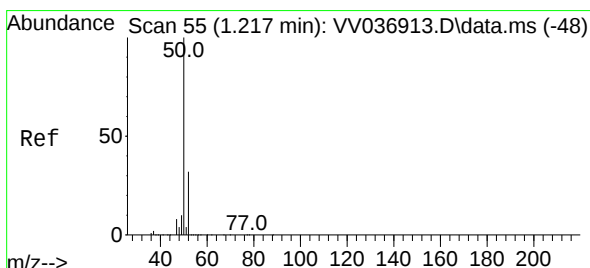
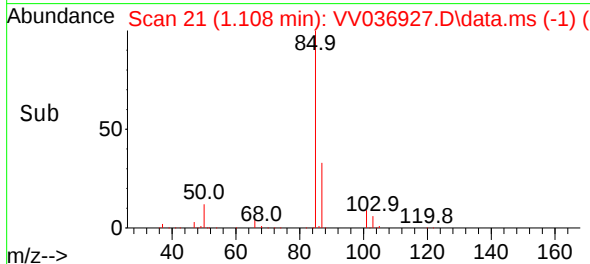
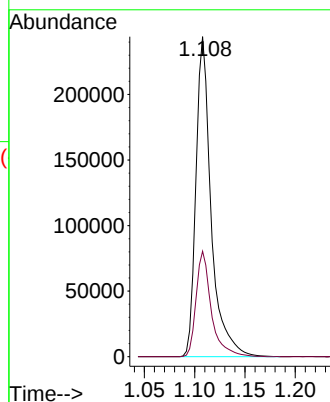
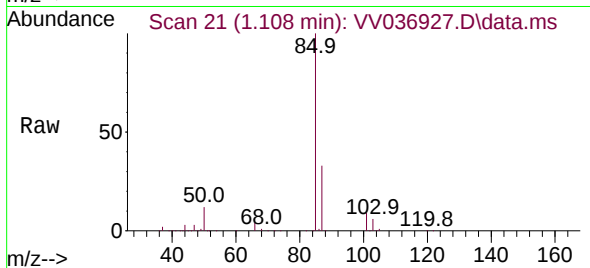




#2
Dichlorodifluoromethane
Concen: 48.663 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

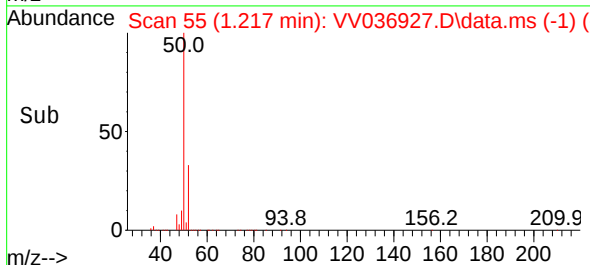
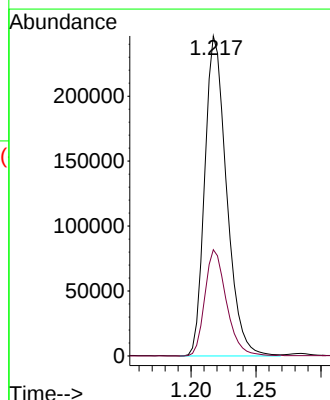
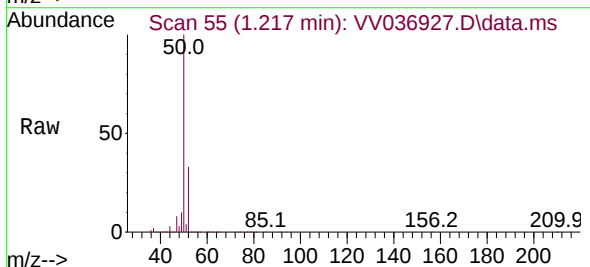
Instrument :
MSVOA_V
ClientSampleId :

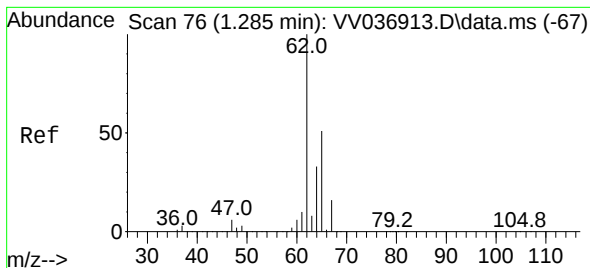
Tgt Ion: 85 Resp: 256791
Ion Ratio Lower Upper
85 100
87 33.0 25.9 38.9



#3
Chloromethane
Concen: 52.307 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion: 50 Resp: 288862
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8





#5

Vinyl chloride

Concen: 51.072 ug/L

RT: 1.281 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

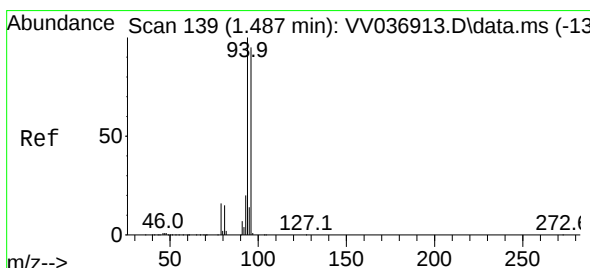
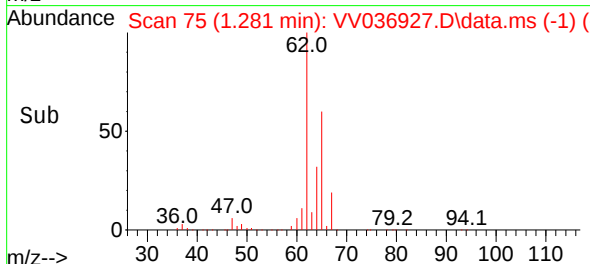
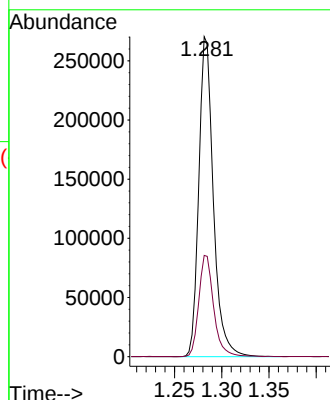
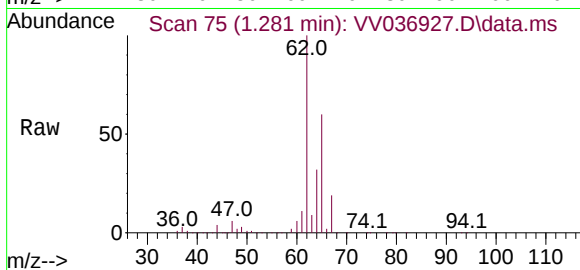
ClientSampleId :

Tgt Ion: 62 Resp: 289641

Ion Ratio Lower Upper

62 100

64 31.7 23.6 43.8



#6

Bromomethane

Concen: 50.852 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036927.D

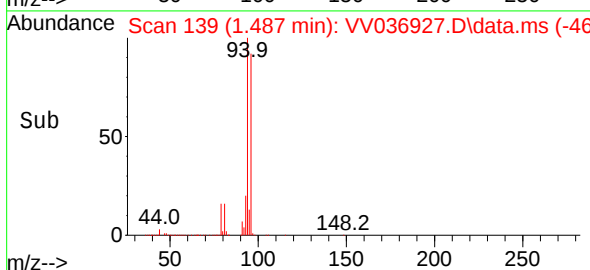
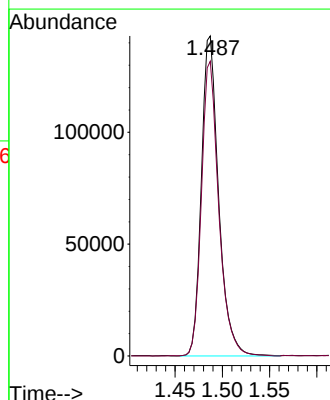
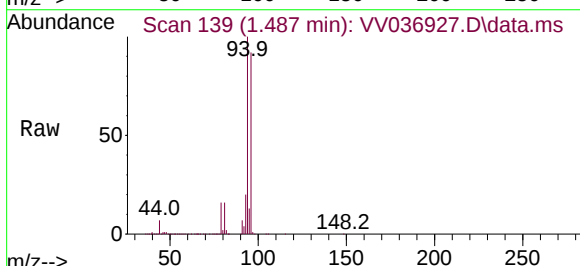
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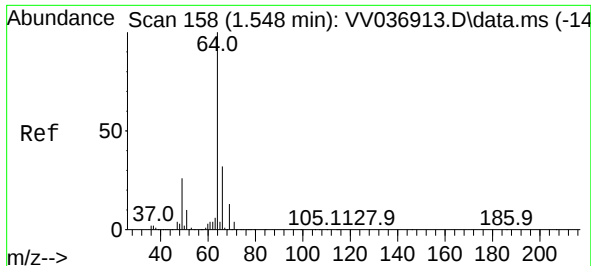
Tgt Ion: 94 Resp: 181574

Ion Ratio Lower Upper

94 100

96 92.1 65.5 121.7

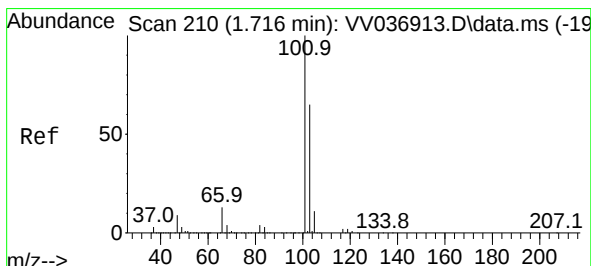
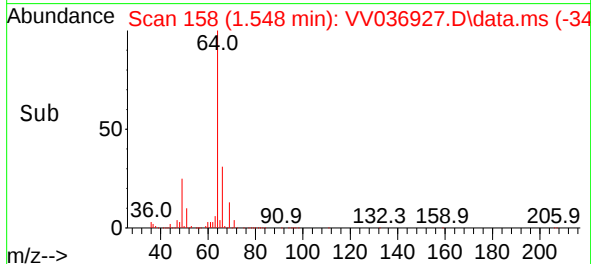
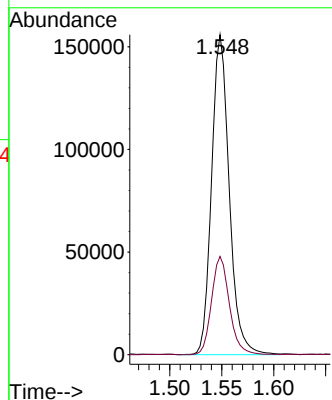
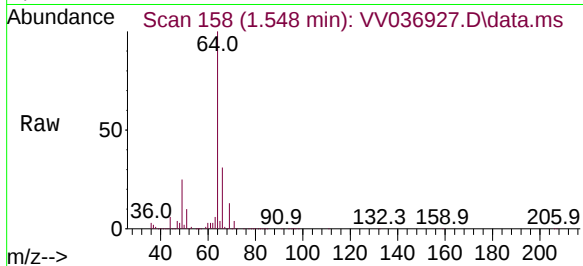




#8
Chloroethane
Concen: 52.373 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

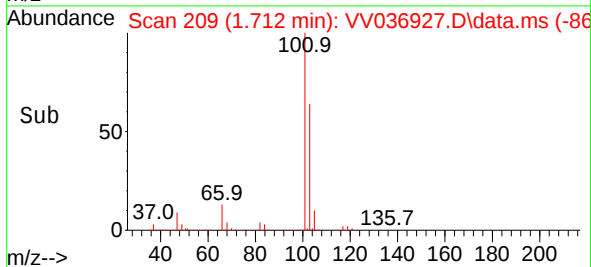
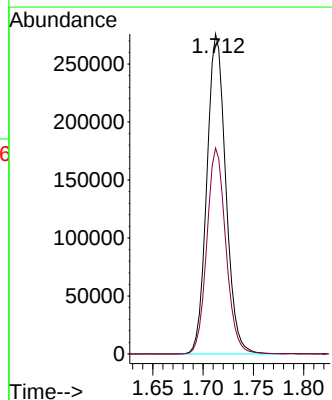
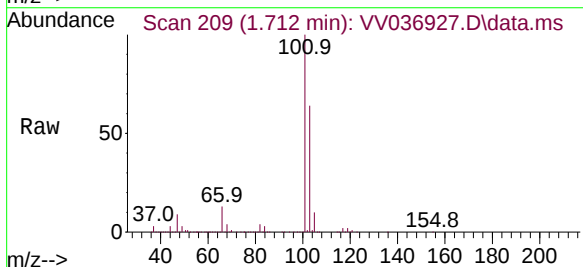
Instrument :
MSVOA_V
ClientSampleId :

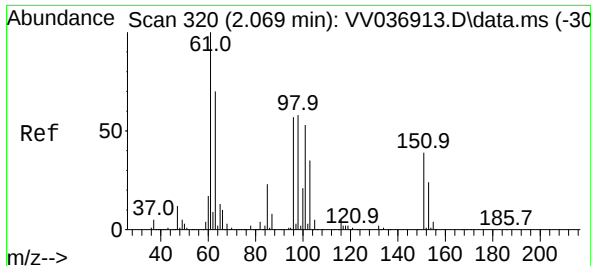
Tgt Ion: 64 Resp: 183983
Ion Ratio Lower Upper
64 100
66 30.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 48.537 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion:101 Resp: 360554
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

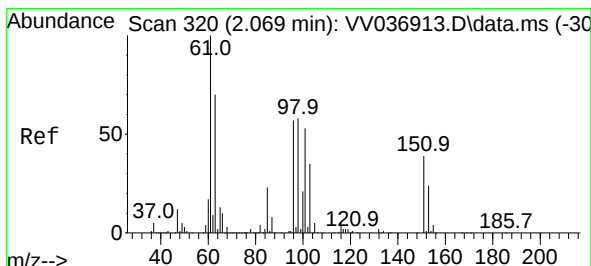
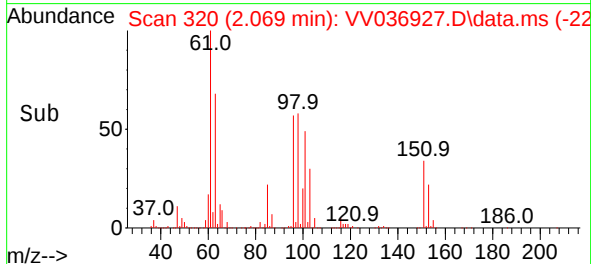
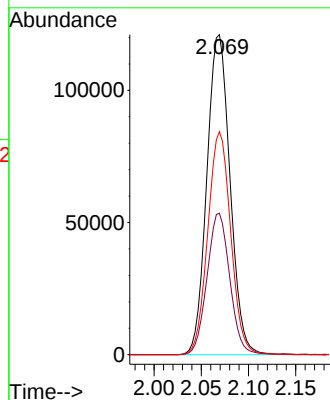
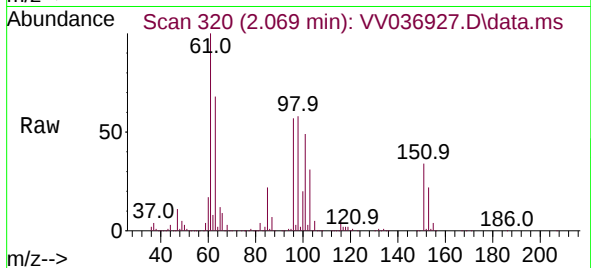




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.217 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV036927.D
 Acq: 13 Aug 2024 17:56

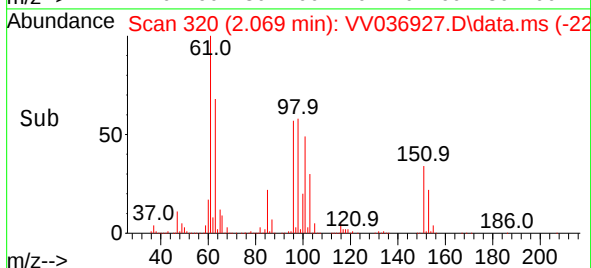
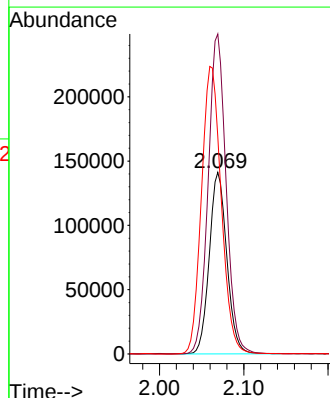
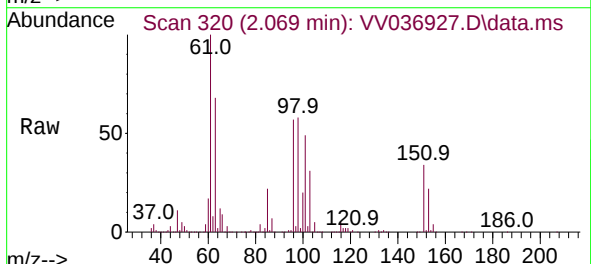
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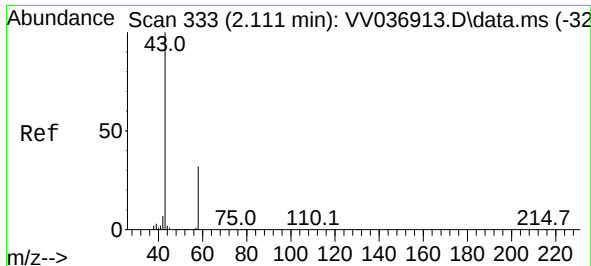
Tgt Ion:101 Resp: 206677
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.6 51.8
 151 69.1 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 48.902 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV036927.D
 Acq: 13 Aug 2024 17:56

Tgt Ion: 96 Resp: 204437
 Ion Ratio Lower Upper
 96 100
 61 176.2 125.6 233.2
 63 119.6 95.1 176.7





#13

Acetone

Concen: 79.435 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

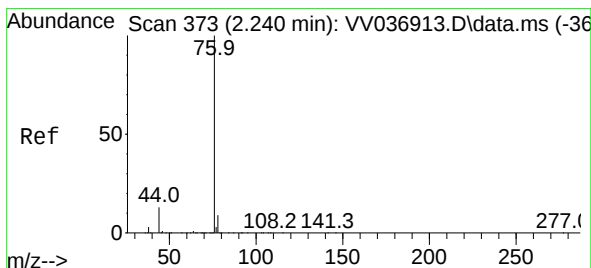
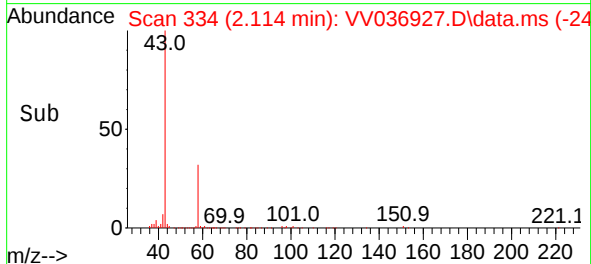
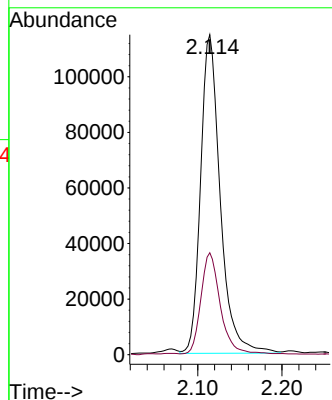
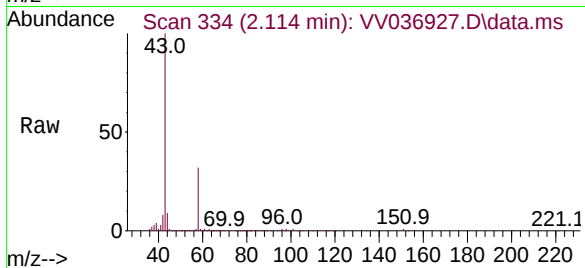
ClientSampleId :

Tgt Ion: 43 Resp: 186137

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.4



#14

Carbon disulfide

Concen: 42.637 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV036927.D

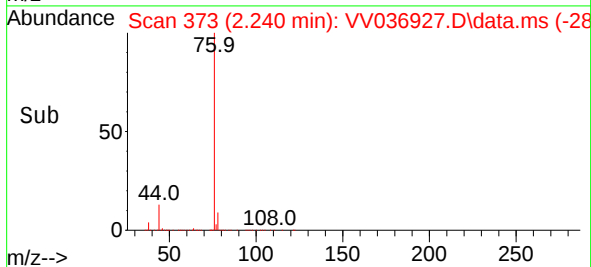
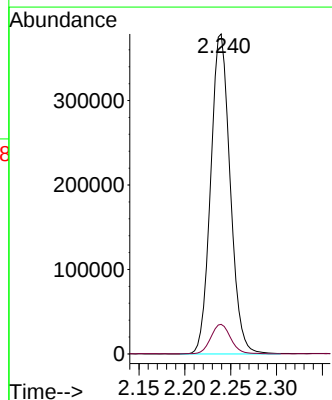
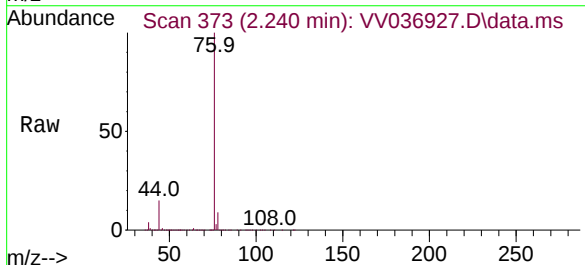
Acq: 13 Aug 2024 17:56

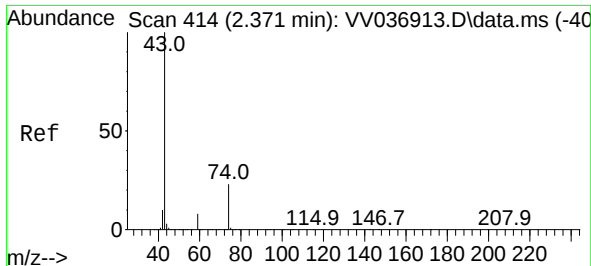
Tgt Ion: 76 Resp: 559909

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 50.992 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

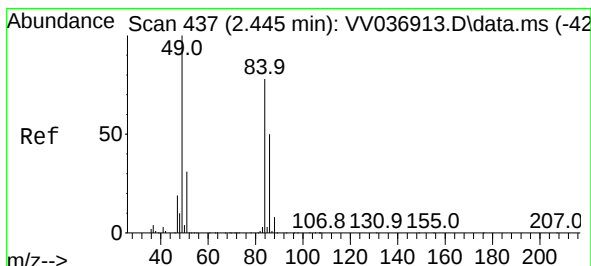
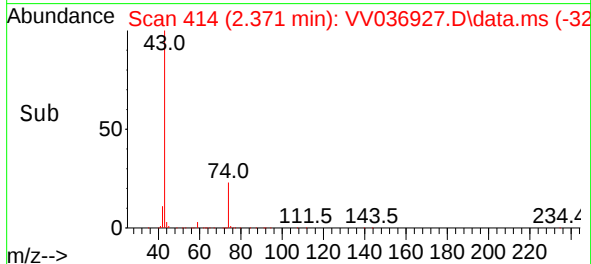
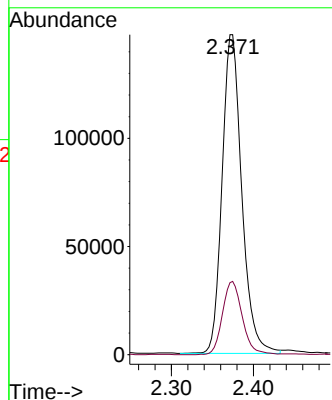
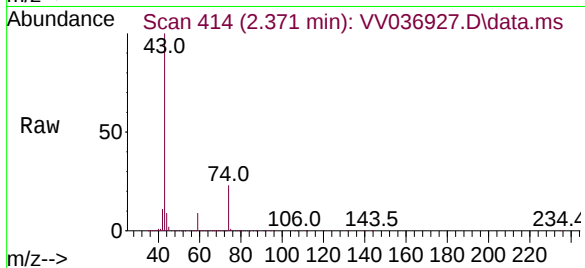
ClientSampleId :

Tgt Ion: 43 Resp: 246147

Ion Ratio Lower Upper

43 100

74 22.9 19.0 28.4



#16

Methylene chloride

Concen: 52.507 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

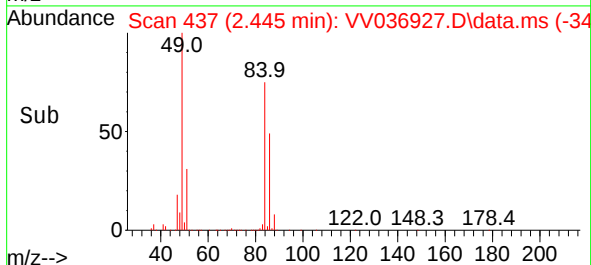
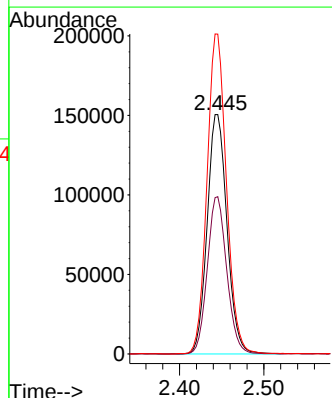
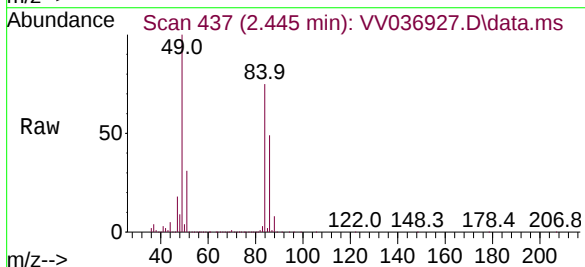
Tgt Ion: 84 Resp: 246777

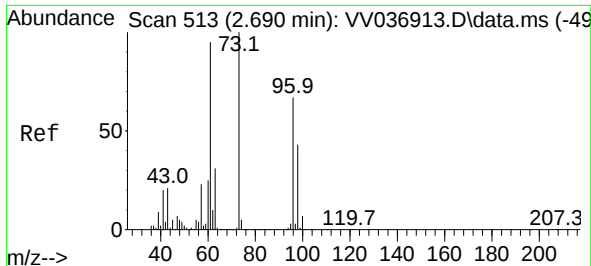
Ion Ratio Lower Upper

84 100

86 65.7 44.3 82.3

49 133.6 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 50.020 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

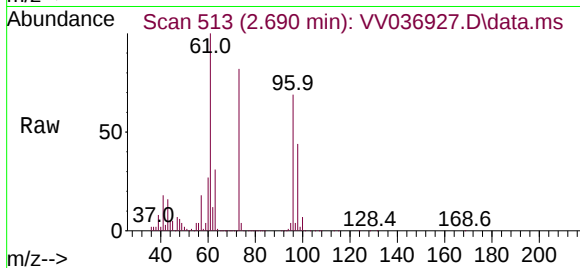
Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :



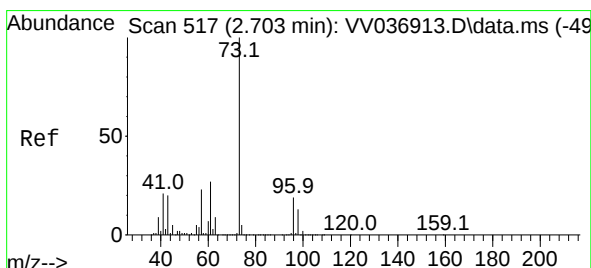
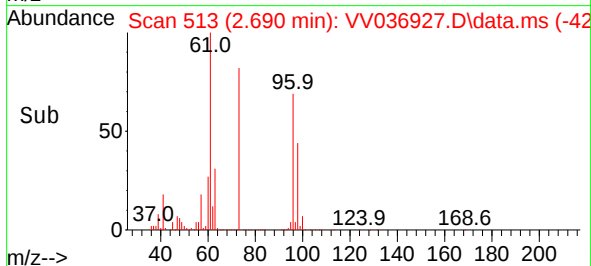
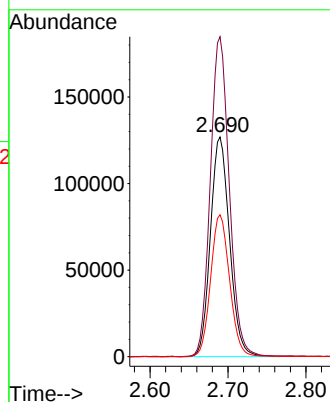
Tgt Ion: 96 Resp: 216602

Ion Ratio Lower Upper

96 100

61 145.6 100.0 185.8

98 64.6 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 51.089 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

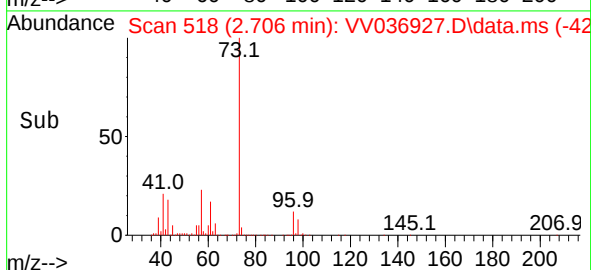
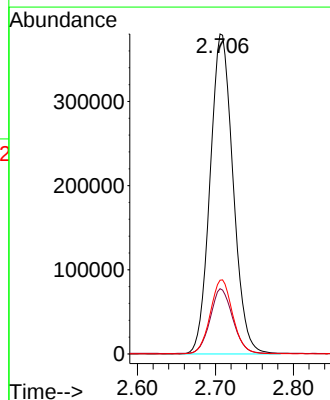
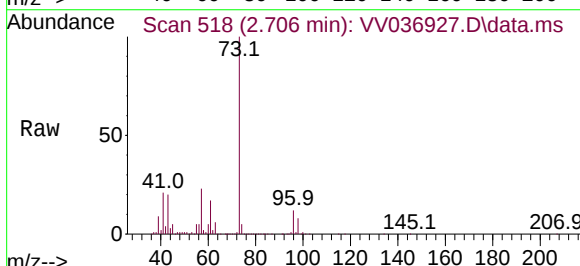
Tgt Ion: 73 Resp: 779174

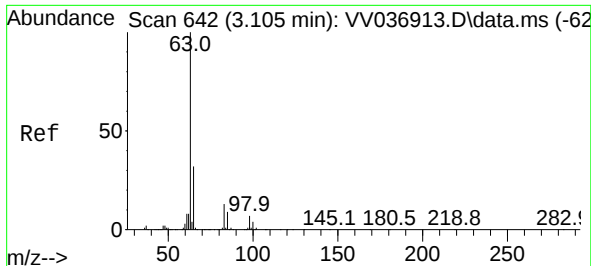
Ion Ratio Lower Upper

73 100

43 19.9 16.1 24.1

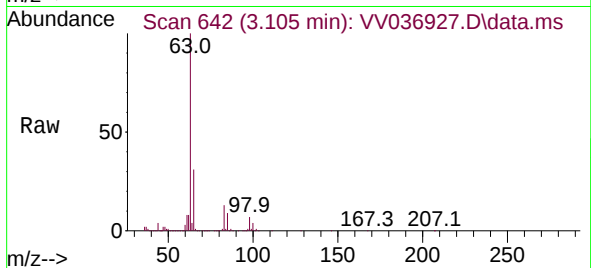
57 22.5 17.9 26.9



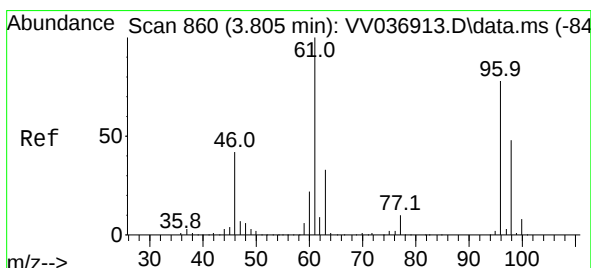
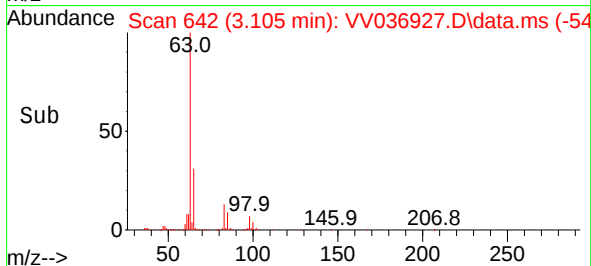
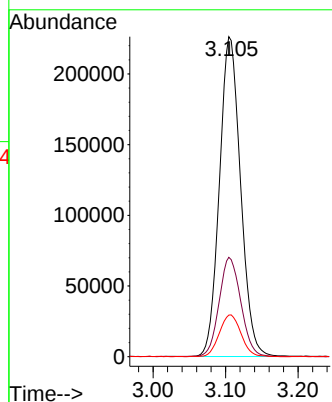


#19
1,1-Dichloroethane
Concen: 52.314 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Instrument :
MSVOA_V
ClientSampleId :

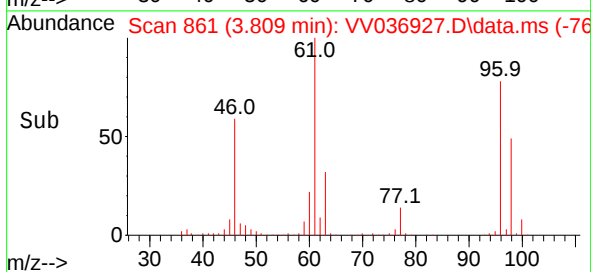
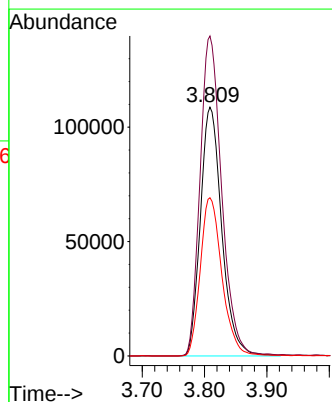
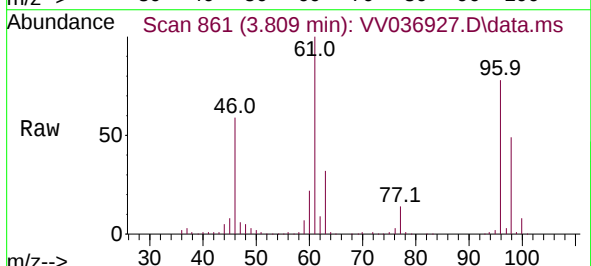


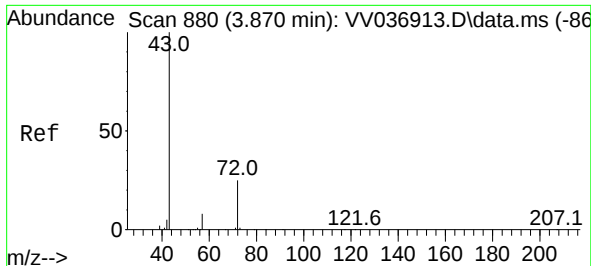
Tgt Ion: 63 Resp: 457685
Ion Ratio Lower Upper
63 100
65 31.0 23.2 43.0
83 13.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.050 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion: 96 Resp: 259468
Ion Ratio Lower Upper
96 100
61 128.6 93.9 174.5
98 63.6 46.0 85.4





#22

2-Butanone

Concen: 89.494 ug/L

RT: 3.879 min Scan# 880

Delta R.T. 0.010 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

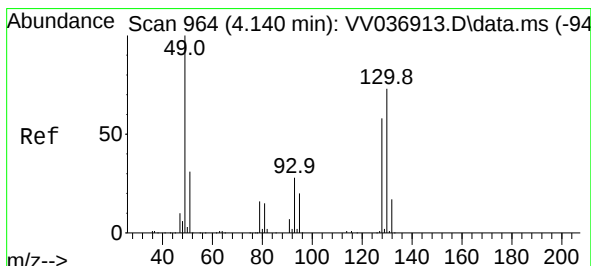
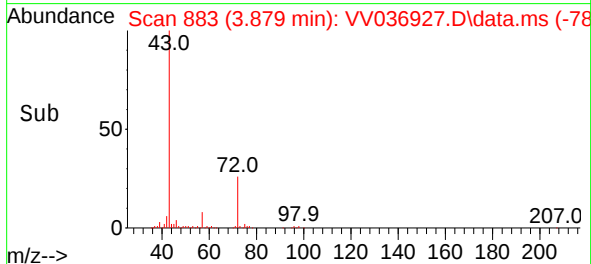
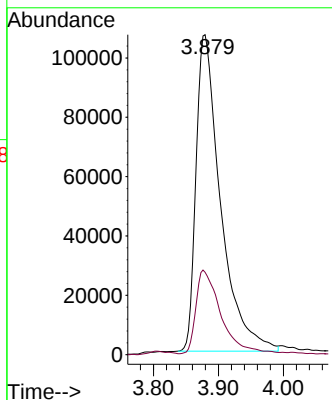
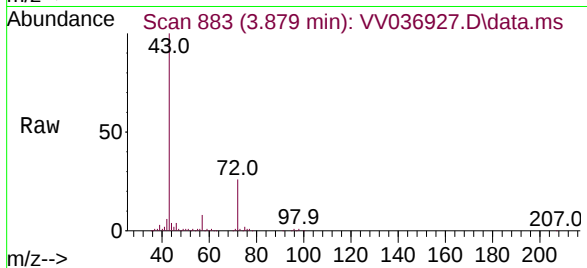
ClientSampleId :

Tgt Ion: 43 Resp: 280930

Ion Ratio Lower Upper

43 100

72 26.4 12.5 37.5



#23

Bromochloromethane

Concen: 52.750 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Tgt Ion:128 Resp: 130237

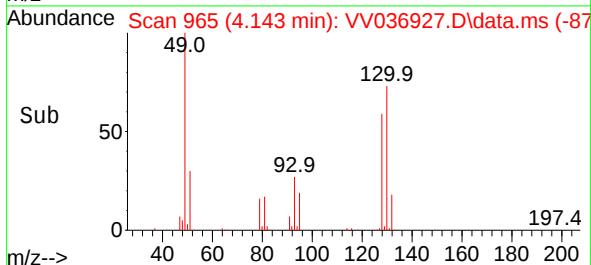
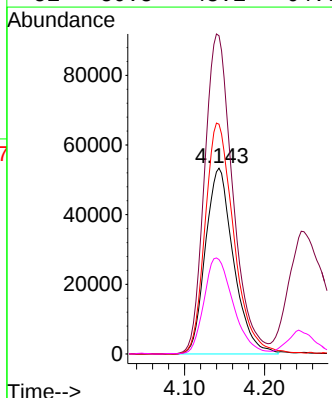
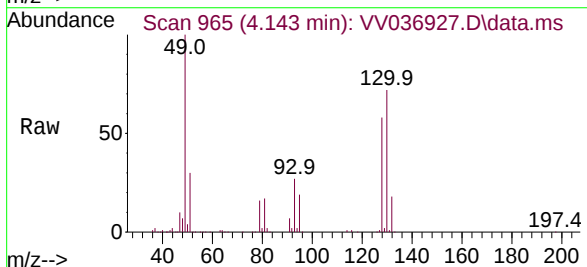
Ion Ratio Lower Upper

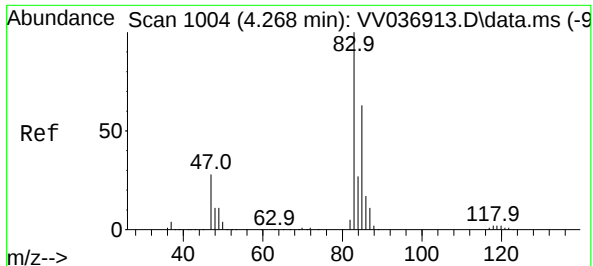
128 100

49 171.4 120.0 223.0

130 123.8 87.0 161.6

51 50.8 43.1 64.7





#25

Chloroform

Concen: 51.699 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

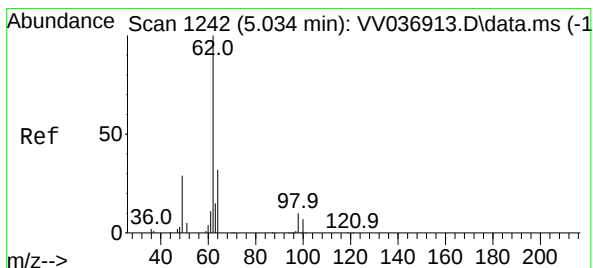
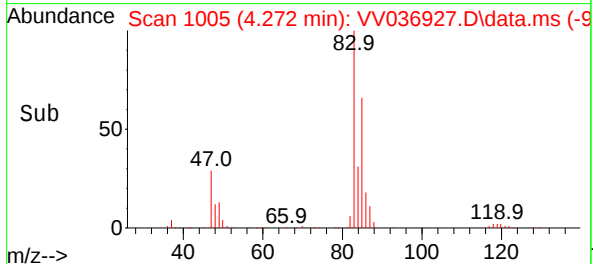
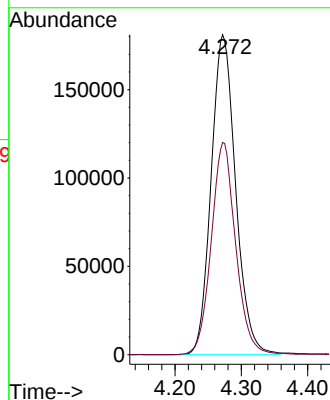
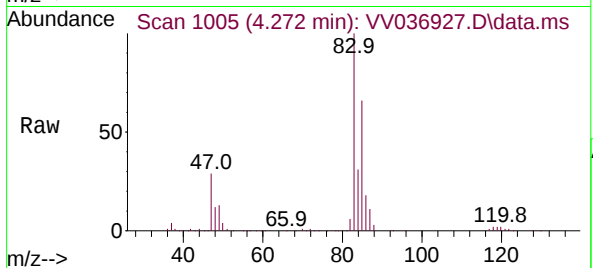
ClientSampleId :

Tgt Ion: 83 Resp: 464564

Ion Ratio Lower Upper

83 100

85 66.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.959 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036927.D

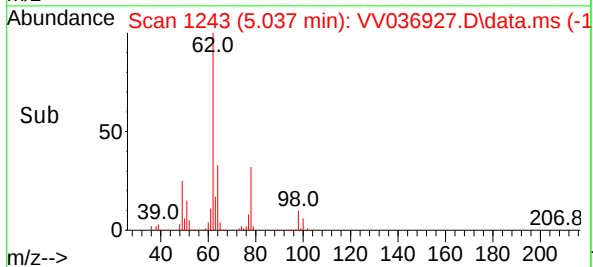
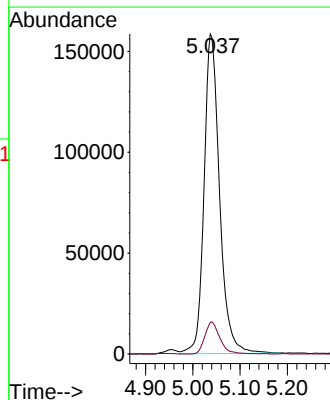
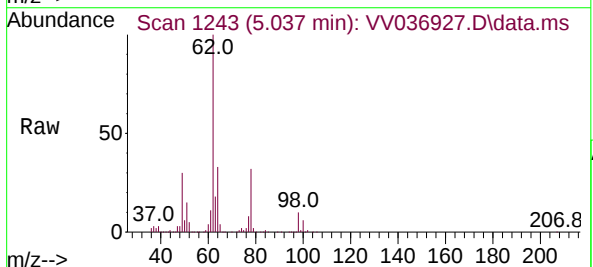
Acq: 13 Aug 2024 17:56

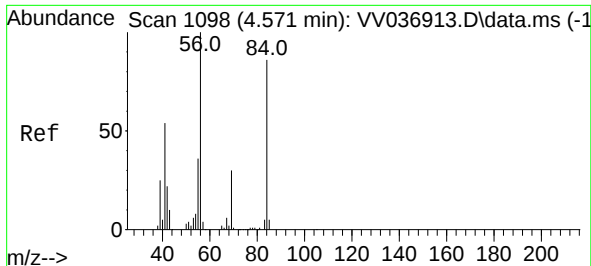
Tgt Ion: 62 Resp: 361196

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3





#29

Cyclohexane

Concen: 43.936 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

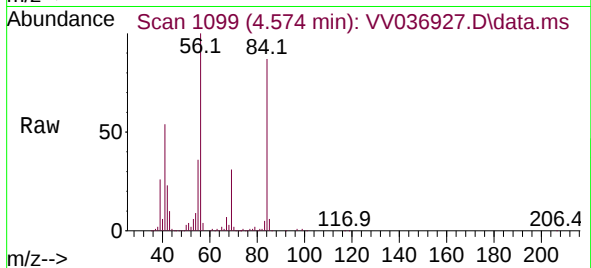
Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

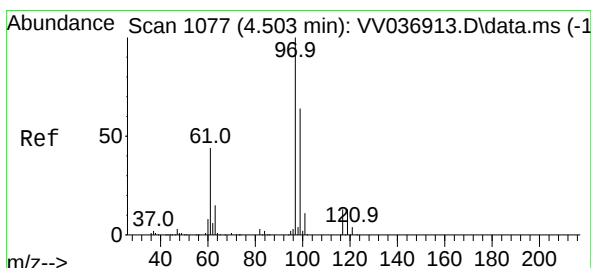
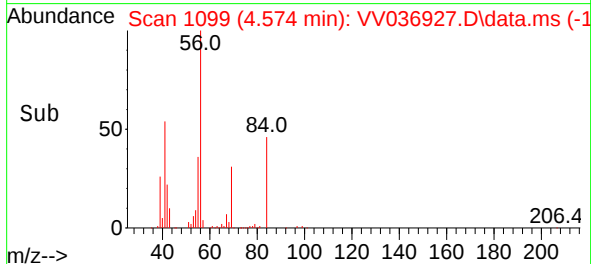
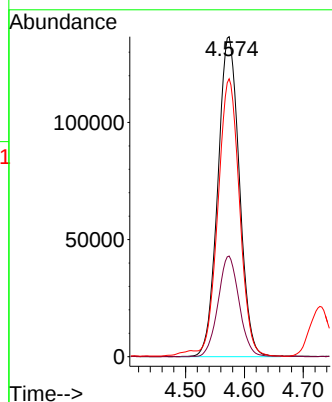
MSVOA_V

ClientSampleId :



Tgt Ion: 56 Resp: 347514

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.7	37.1
84	86.3	68.5	102.7



#30

1,1,1-Trichloroethane

Concen: 47.921 ug/L

RT: 4.506 min Scan# 1078

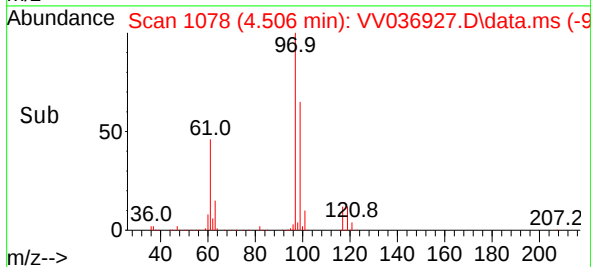
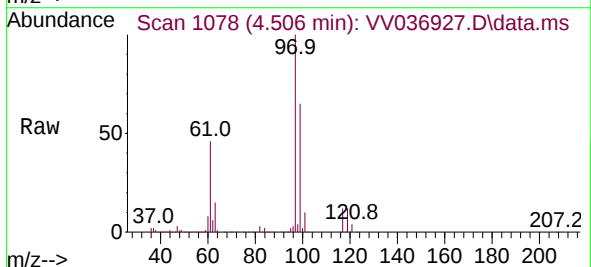
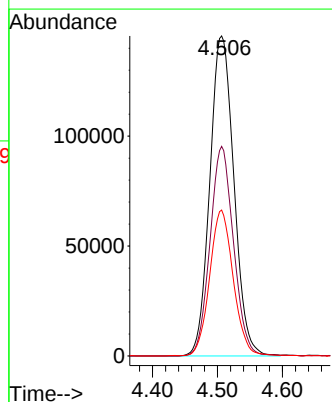
Delta R.T. 0.003 min

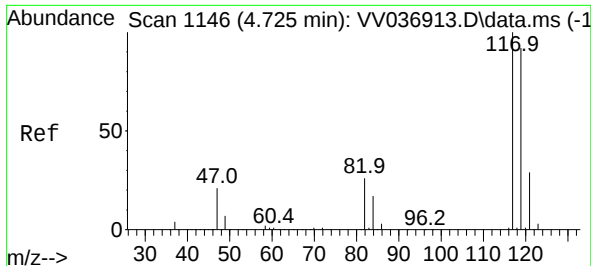
Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Tgt Ion: 97 Resp: 374798

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	44.5	36.0	54.0

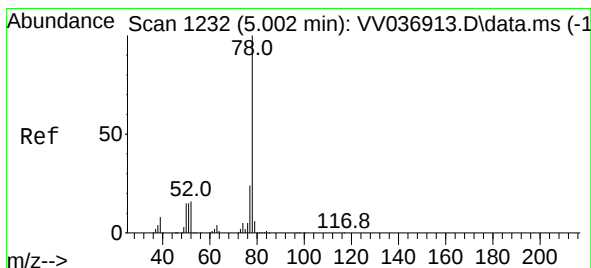
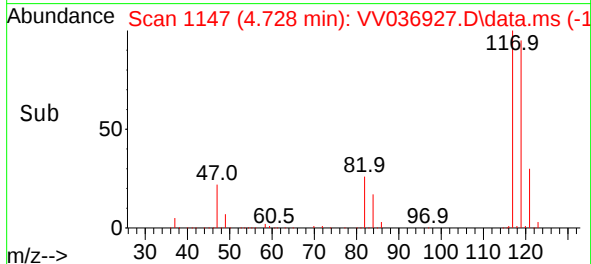
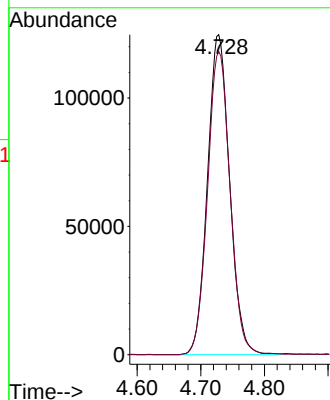
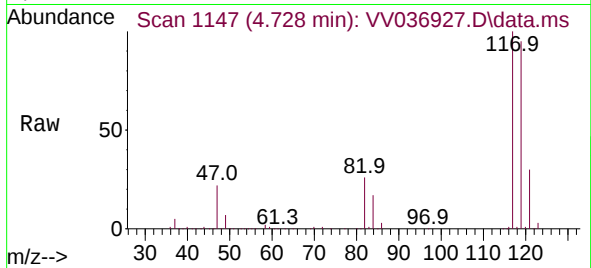




#31
Carbon tetrachloride
Concen: 46.007 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

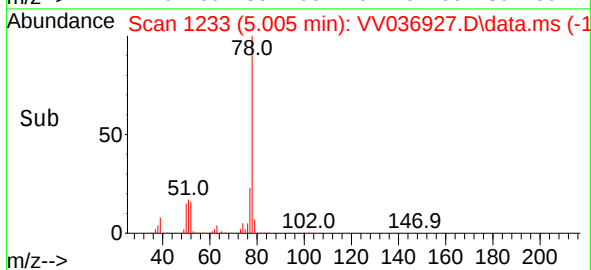
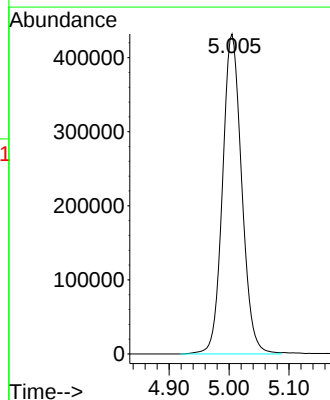
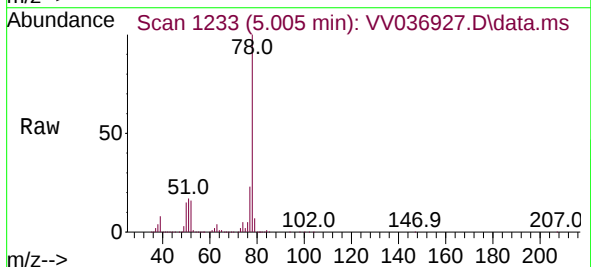
Instrument :
MSVOA_V
ClientSampleId :

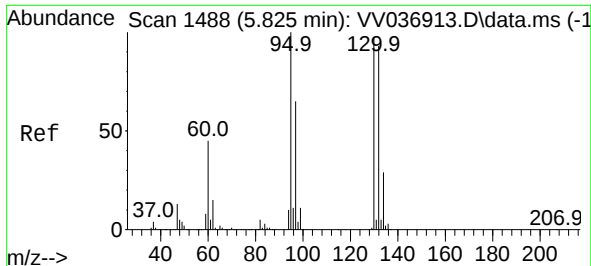
Tgt Ion:117 Resp: 302190
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1



#33
Benzene
Concen: 51.492 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion: 78 Resp: 956095





#34

Trichloroethene

Concen: 47.581 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

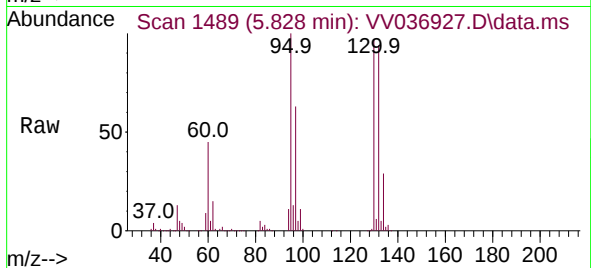
Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 256046

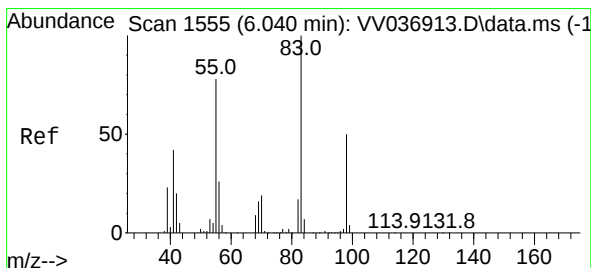
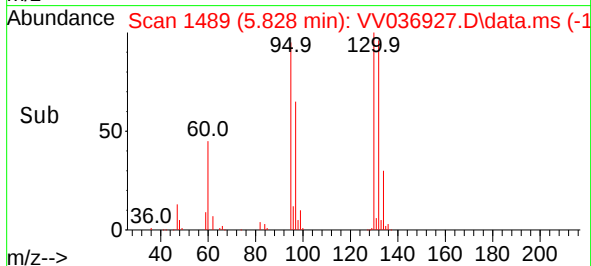
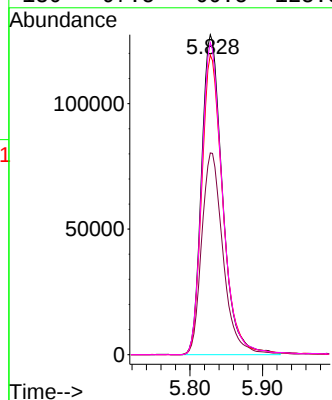
Ion Ratio Lower Upper

95 100

97 63.0 44.7 82.9

132 93.7 62.9 116.9

130 97.5 66.5 123.5



#35

Methylcyclohexane

Concen: 42.814 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

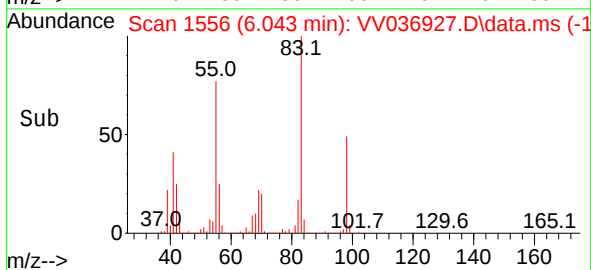
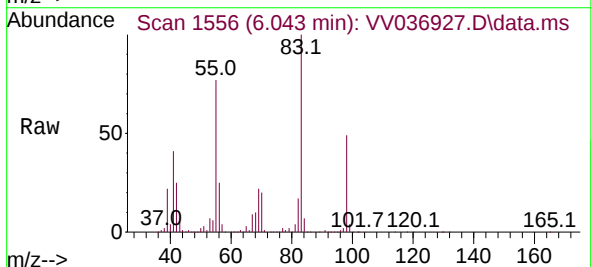
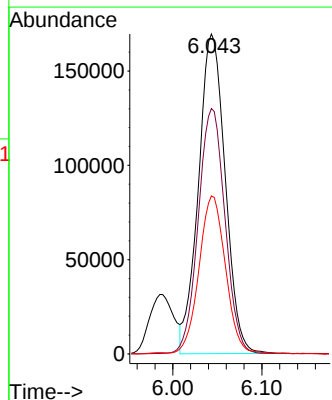
Tgt Ion: 83 Resp: 353531

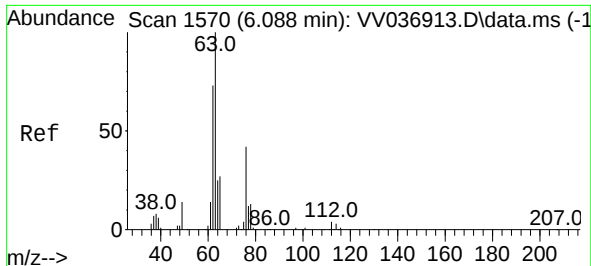
Ion Ratio Lower Upper

83 100

55 77.0 62.3 93.5

98 49.1 38.7 58.1

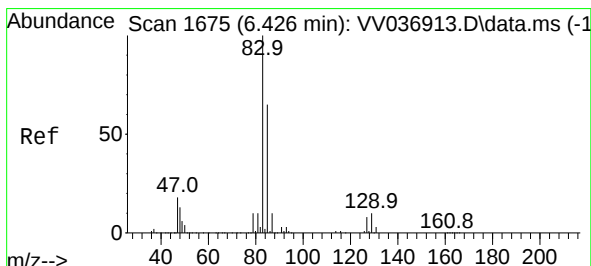
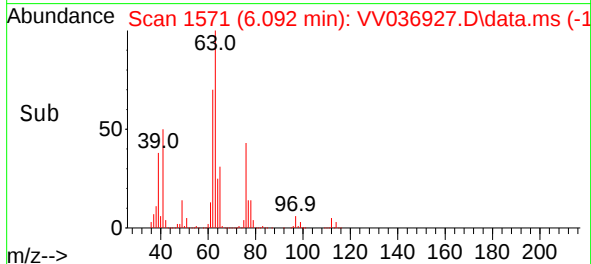
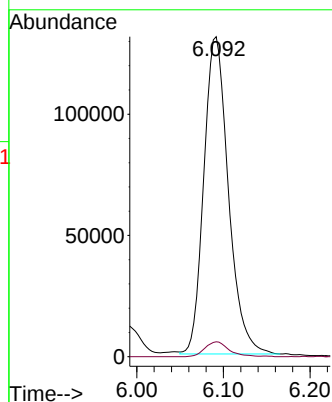
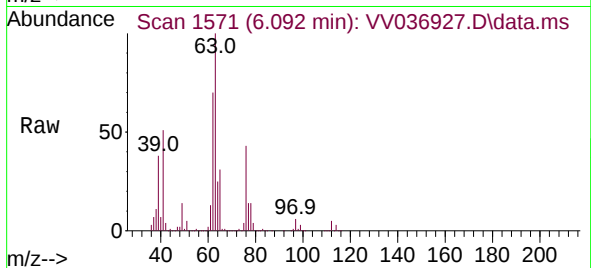




#37
1,2-Dichloropropane
Concen: 52.532 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

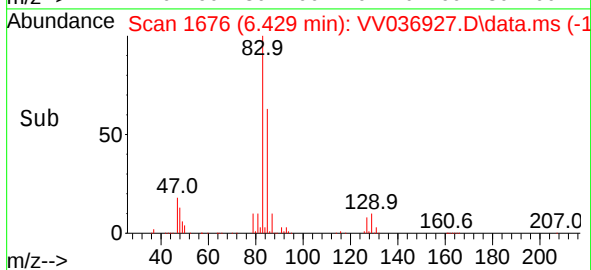
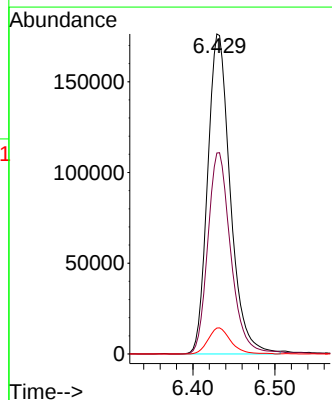
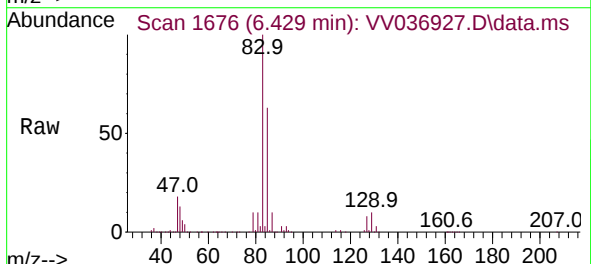
Instrument :
MSVOA_V
ClientSampleId :

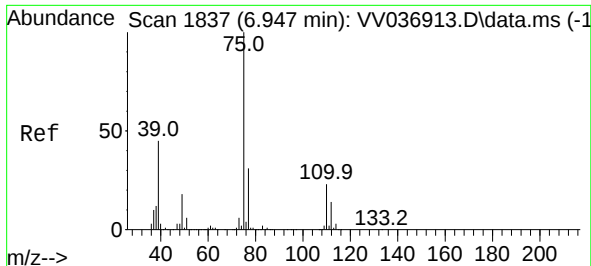
Tgt Ion: 63 Resp: 258392
Ion Ratio Lower Upper
63 100
112 4.6 3.6 5.4



#38
Bromodichloromethane
Concen: 49.888 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion: 83 Resp: 337914
Ion Ratio Lower Upper
83 100
85 62.8 44.7 83.1
127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 48.564 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

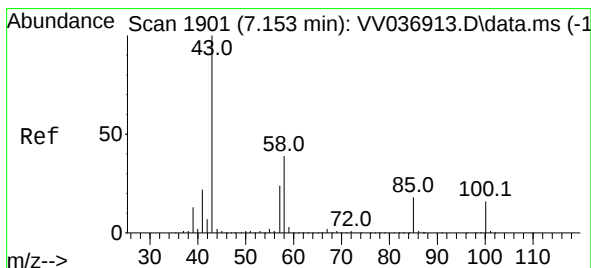
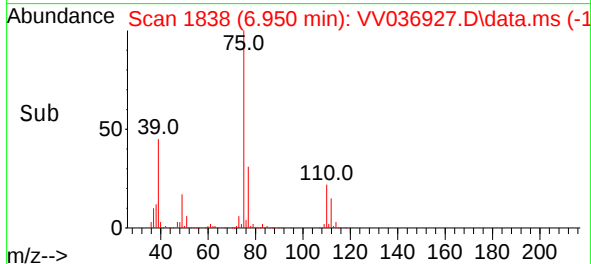
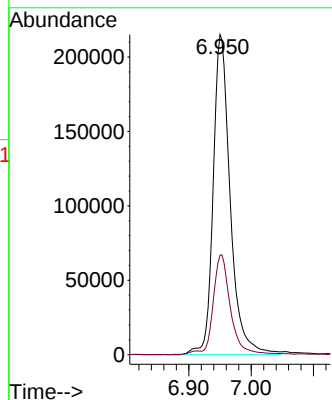
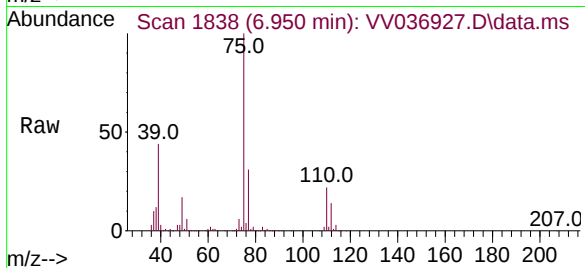
ClientSampleId :

Tgt Ion: 75 Resp: 409103

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 99.723 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

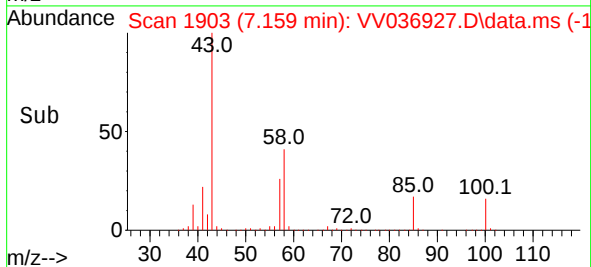
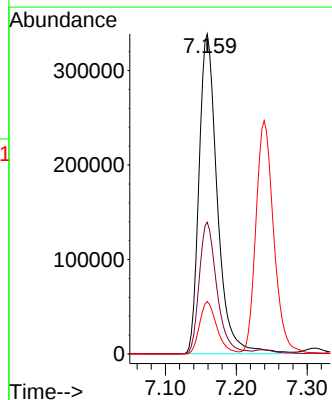
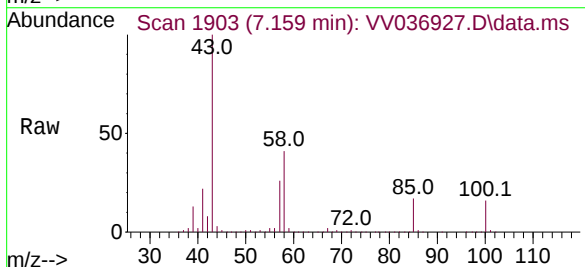
Tgt Ion: 43 Resp: 607630

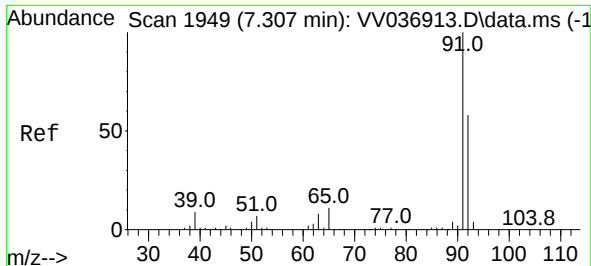
Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9

100 15.5 12.6 18.8





#42

Toluene

Concen: 49.536 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

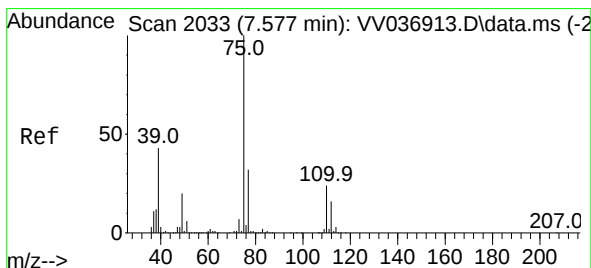
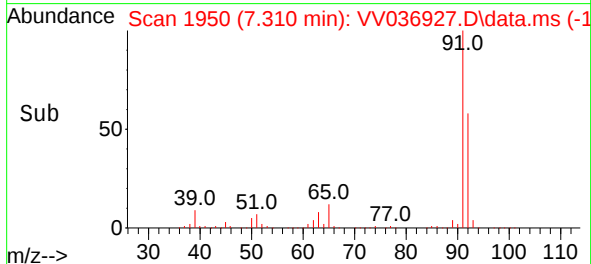
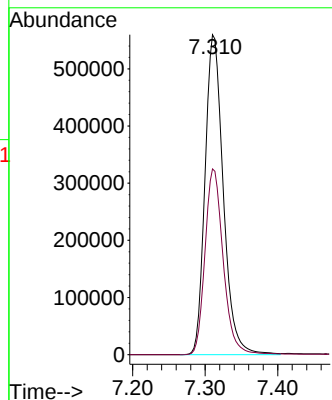
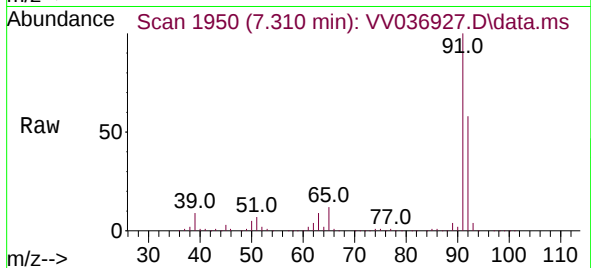
ClientSampleId :

Tgt Ion: 91 Resp: 979688

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 46.416 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036927.D

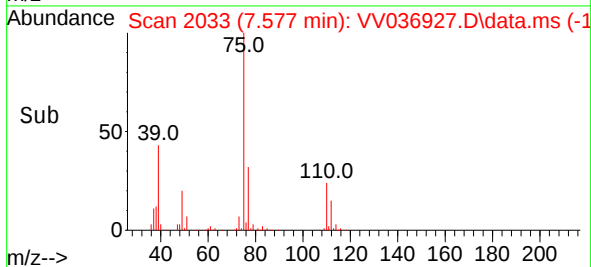
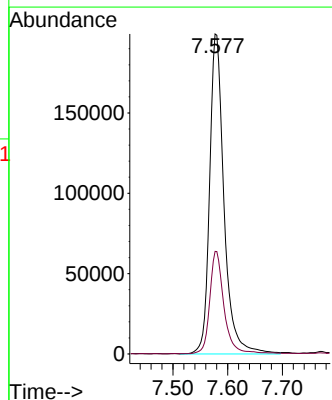
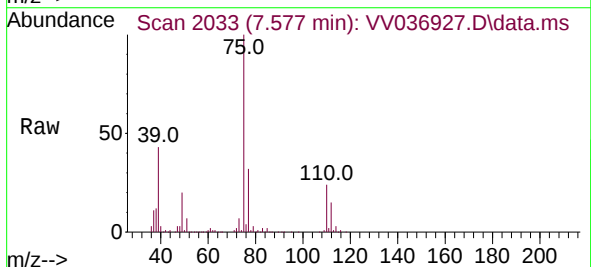
Acq: 13 Aug 2024 17:56

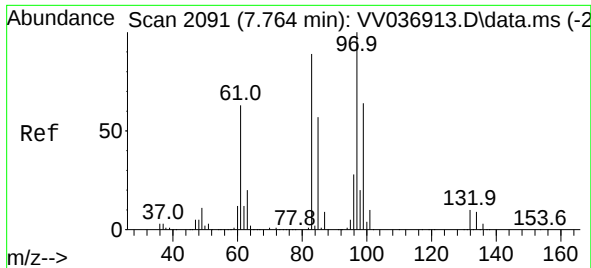
Tgt Ion: 75 Resp: 364357

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

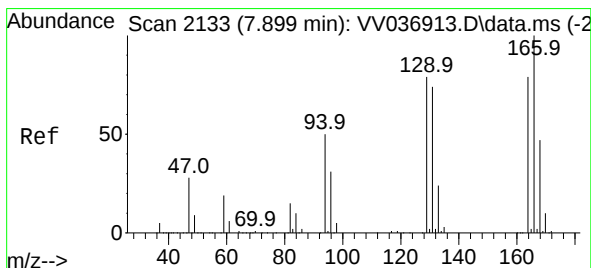
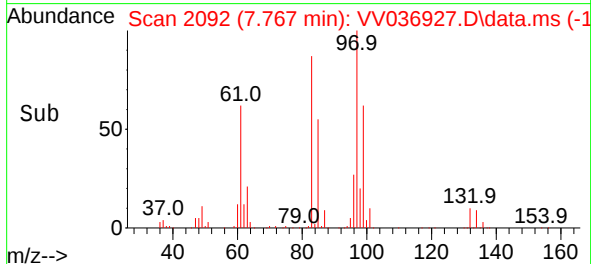
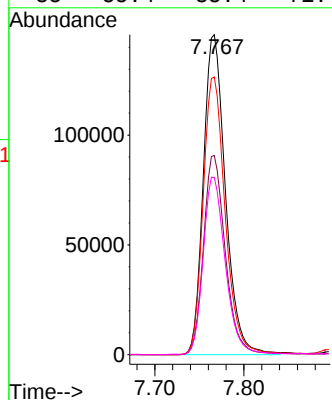
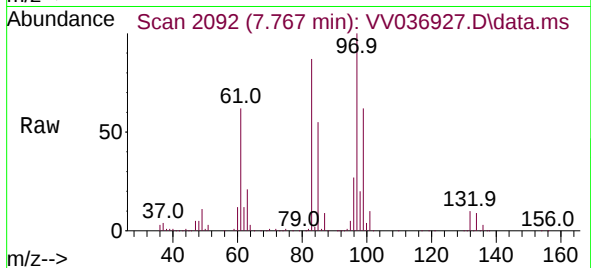




#45
1,1,2-Trichloroethane
Concen: 52.753 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

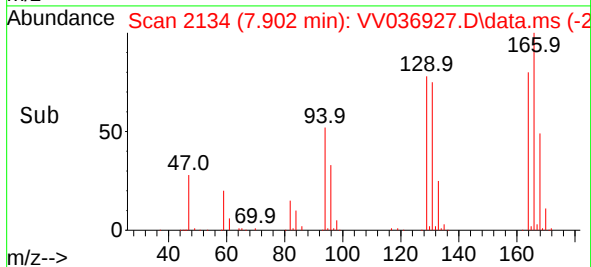
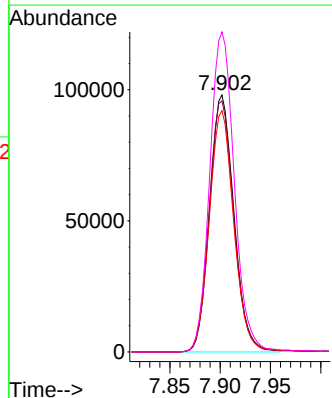
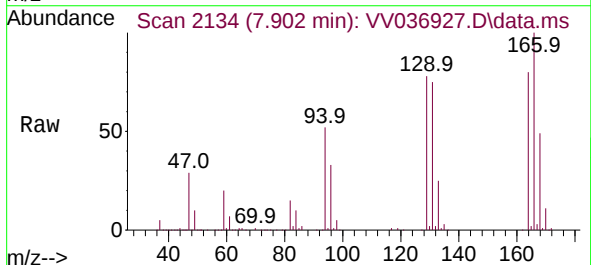
Instrument :
MSVOA_V
ClientSampleId :

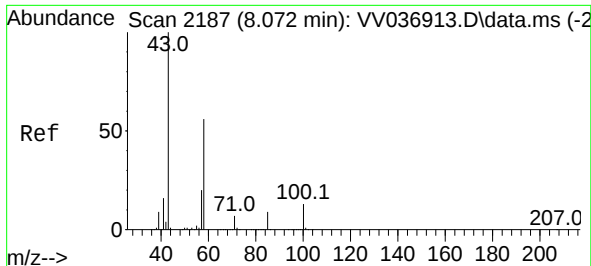
Tgt Ion: 97 Resp: 251284
Ion Ratio Lower Upper
97 100
99 62.3 44.0 81.6
83 86.8 60.1 111.5
85 55.4 38.4 71.4



#46
Tetrachloroethene
Concen: 46.714 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion:164 Resp: 164888
Ion Ratio Lower Upper
164 100
129 97.7 70.4 130.8
131 93.9 67.7 125.7
166 124.5 88.4 164.2





#48

2-Hexanone

Concen: 97.930 ug/L

RT: 8.075 min Scan# 2187

Delta R.T. 0.003 min

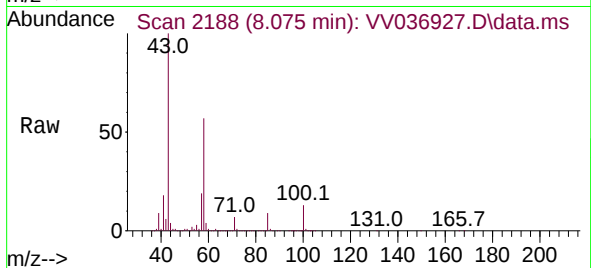
Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 438978

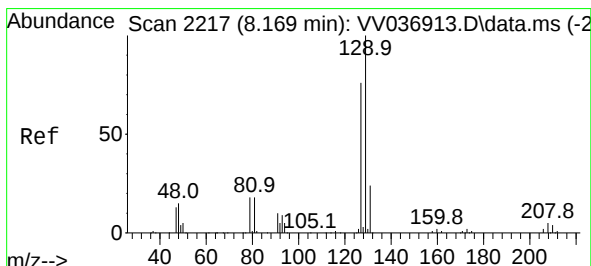
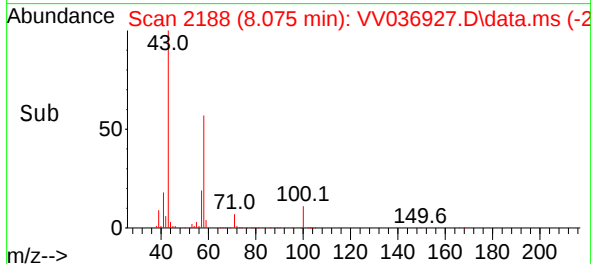
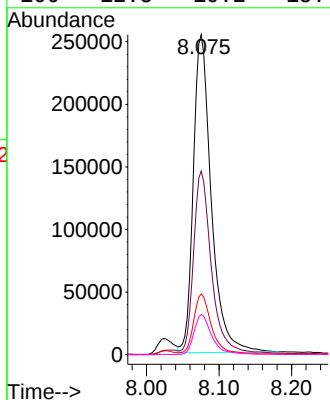
Ion Ratio Lower Upper

43 100

58 55.1 44.7 67.1

57 17.9 15.0 22.4

100 12.5 10.2 15.4



#49

Dibromochloromethane

Concen: 49.918 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV036927.D

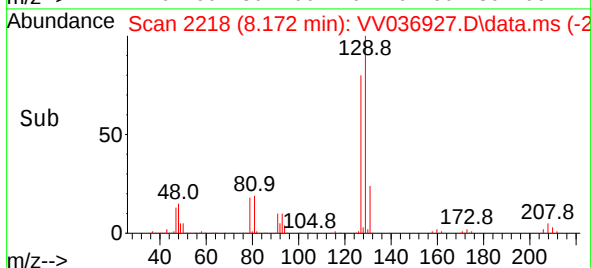
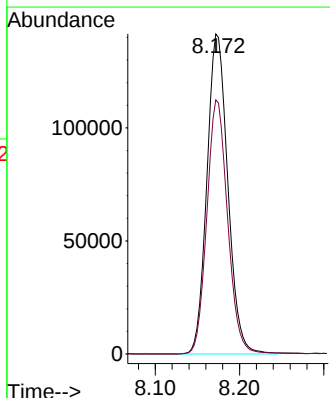
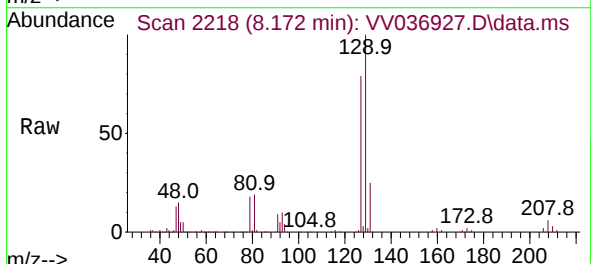
Acq: 13 Aug 2024 17:56

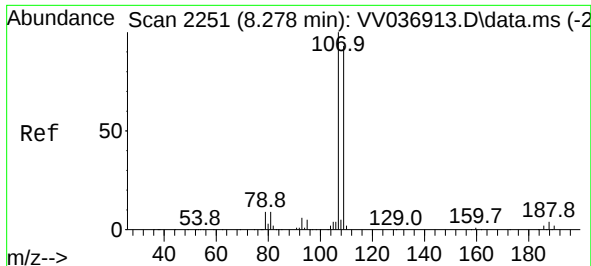
Tgt Ion: 129 Resp: 244349

Ion Ratio Lower Upper

129 100

127 79.4 55.4 102.8

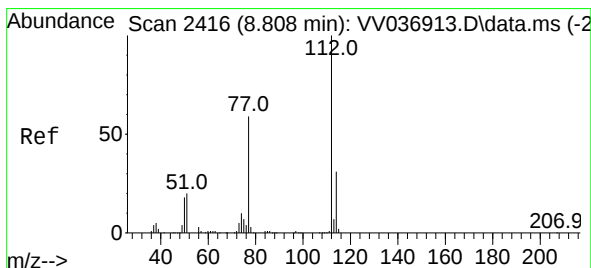
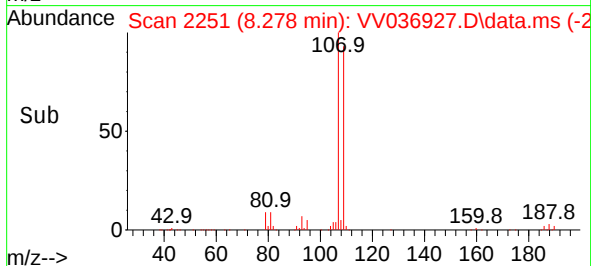
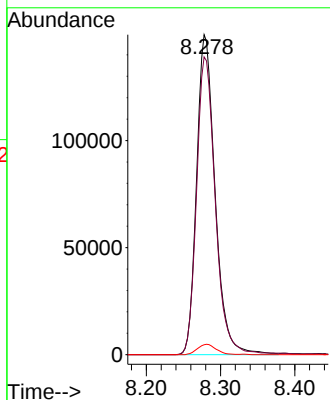
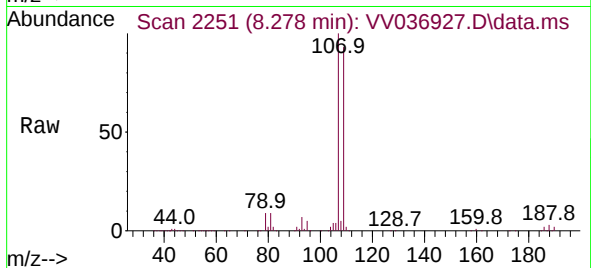




#50
1,2-Dibromoethane
Concen: 52.393 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

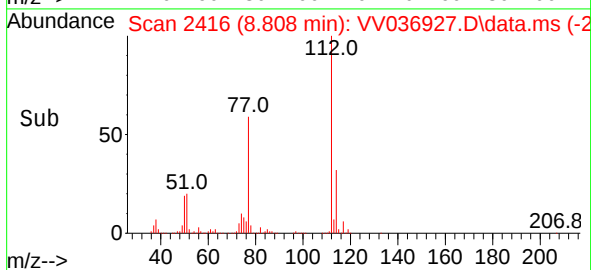
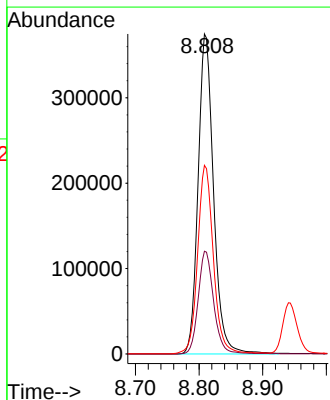
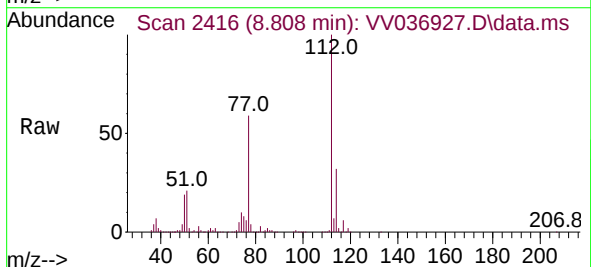
Instrument :
MSVOA_V
ClientSampleId :

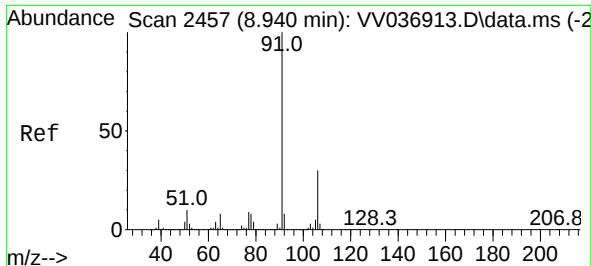
Tgt Ion:107 Resp: 258941
Ion Ratio Lower Upper
107 100
109 93.1 64.7 120.1
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 49.854 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion:112 Resp: 632629
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 59.0 48.9 73.3





#52

Ethylbenzene

Concen: 47.524 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

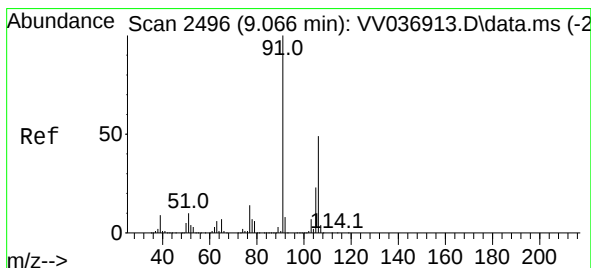
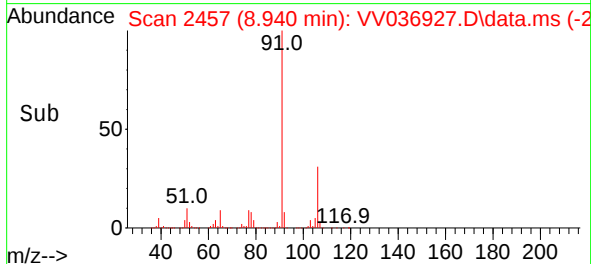
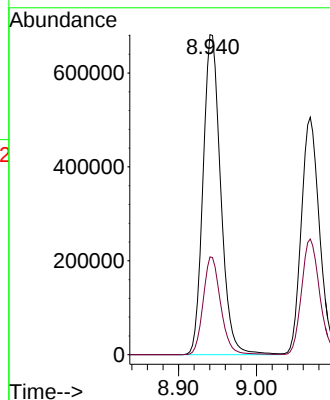
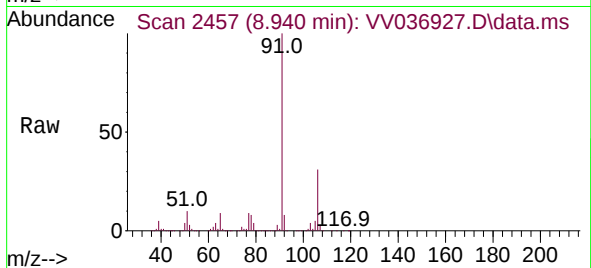
ClientSampleId :

Tgt Ion: 91 Resp: 1073186

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



#53

m,p-Xylene

Concen: 47.216 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036927.D

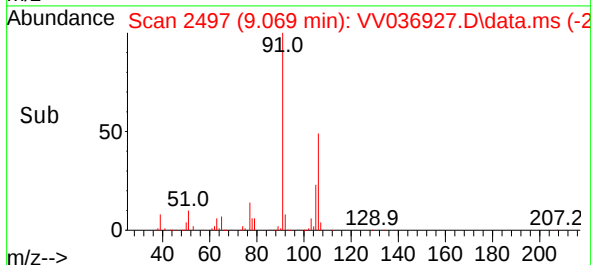
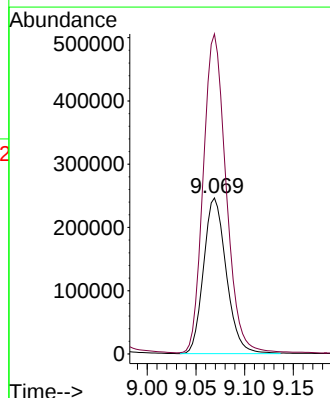
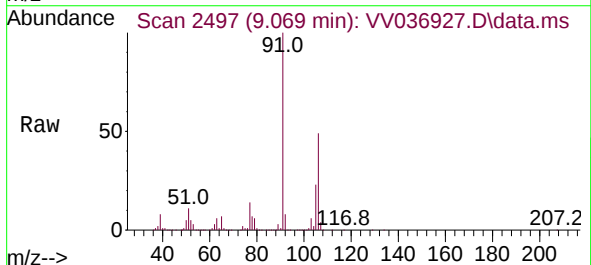
Acq: 13 Aug 2024 17:56

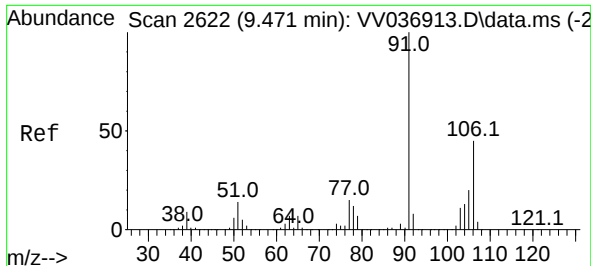
Tgt Ion:106 Resp: 398547

Ion Ratio Lower Upper

106 100

91 205.2 147.1 273.3

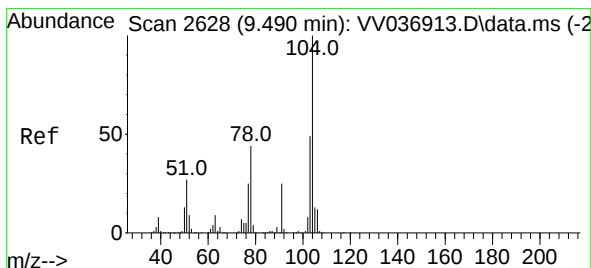
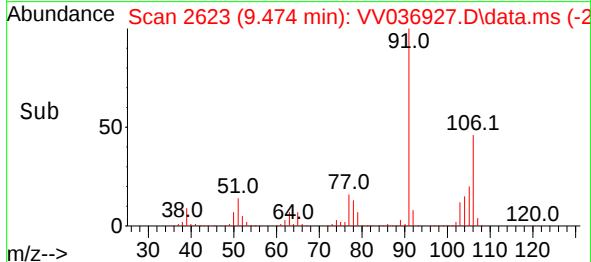
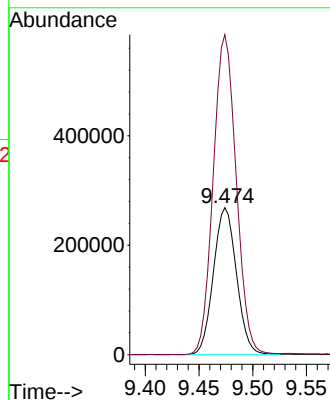
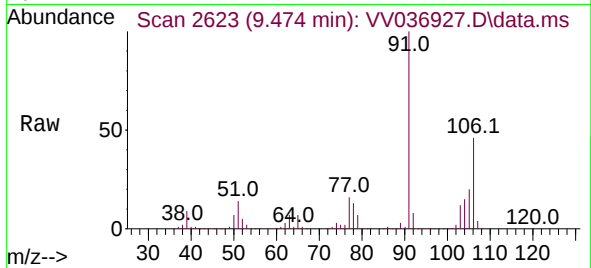




#54
o-Xylene
Concen: 48.525 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

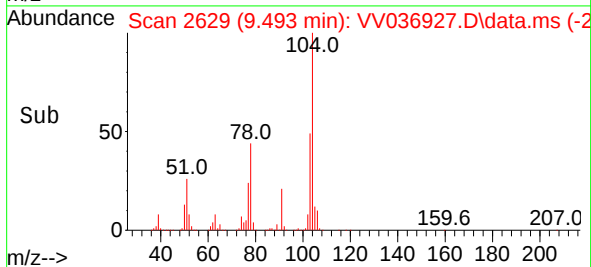
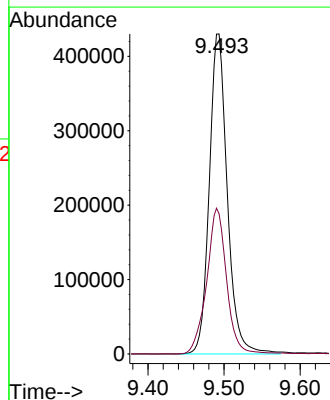
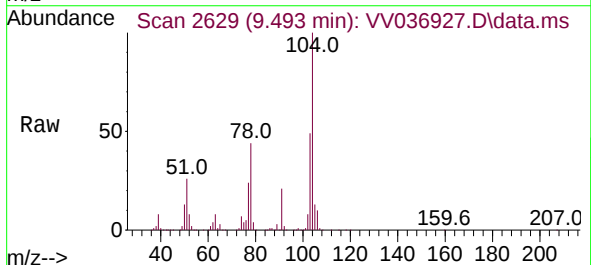
Instrument :
MSVOA_V
ClientSampleId :

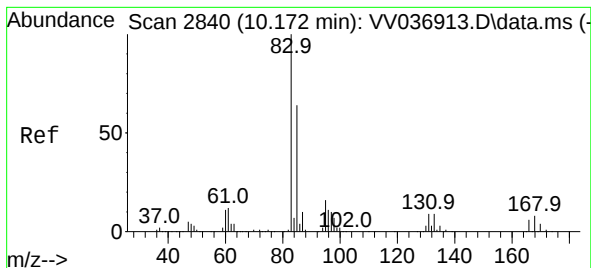
Tgt Ion:106 Resp: 400616
Ion Ratio Lower Upper
106 100
91 217.7 154.5 286.9



#55
Styrene
Concen: 50.012 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion:104 Resp: 707572
Ion Ratio Lower Upper
104 100
78 43.8 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 54.956 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

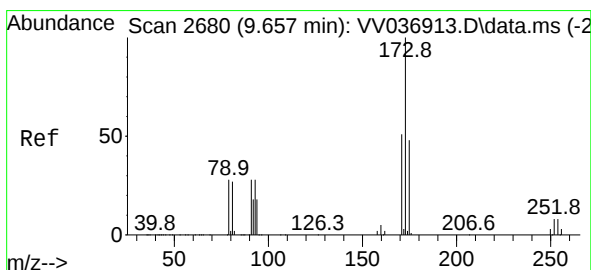
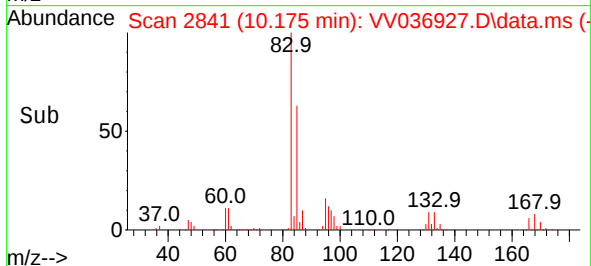
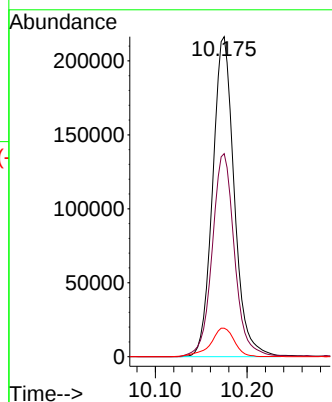
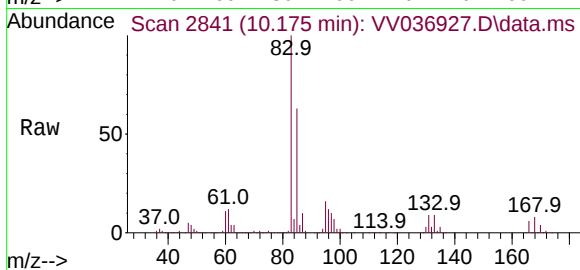
Tgt Ion: 83 Resp: 353224

Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1

131 8.9 7.2 10.8



#59

Bromoform

Concen: 46.965 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

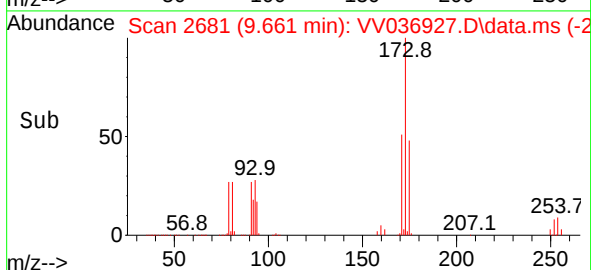
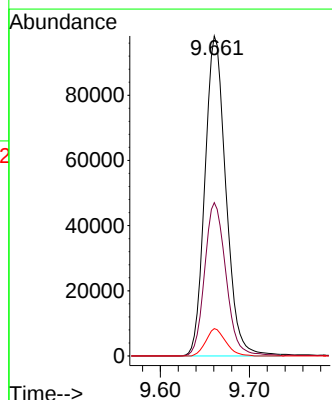
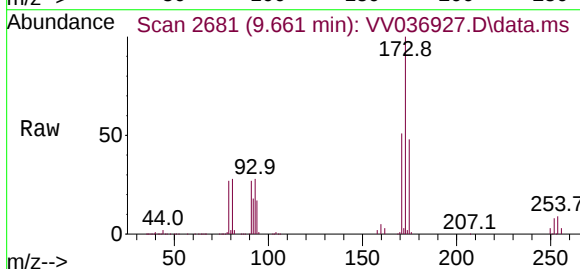
Tgt Ion: 173 Resp: 160545

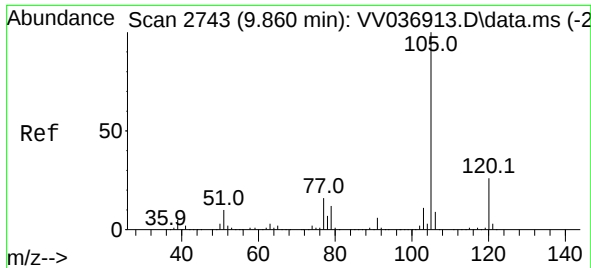
Ion Ratio Lower Upper

173 100

175 48.5 39.8 59.8

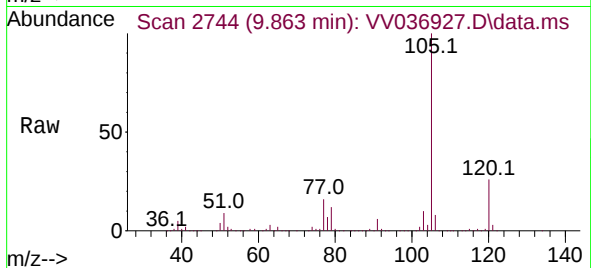
254 8.1 6.8 10.2



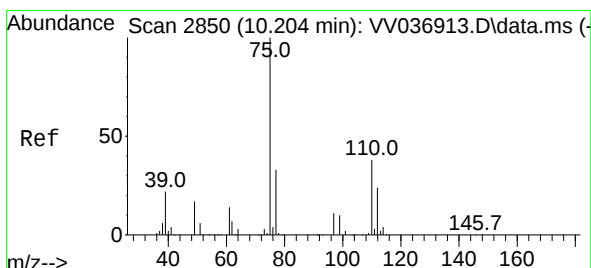
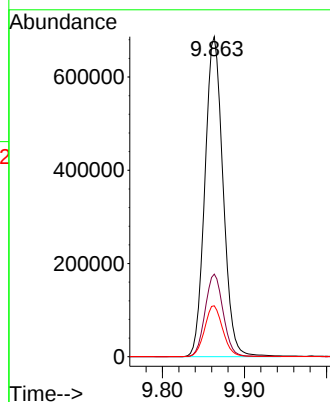
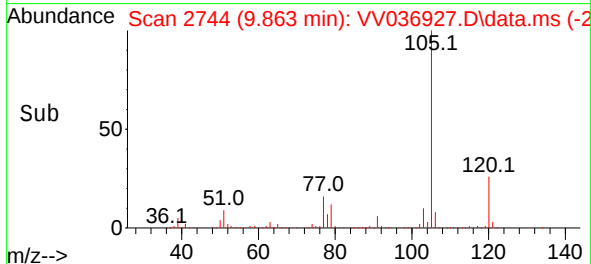


#60
Isopropylbenzene
Concen: 46.932 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

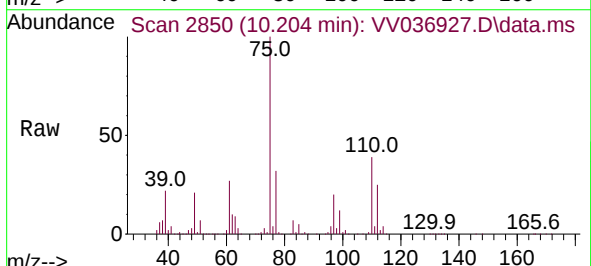
Instrument :
MSVOA_V
ClientSampleId :



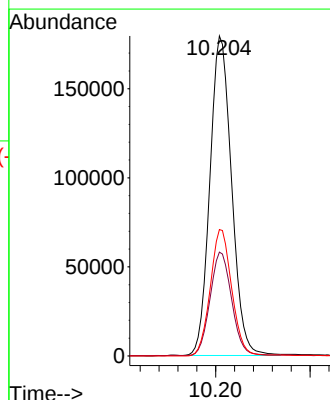
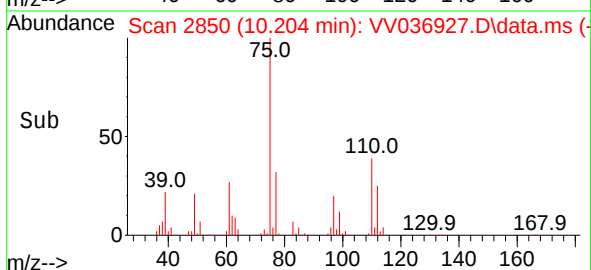
Tgt Ion:105 Resp: 1055762
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 15.8 13.1 19.7

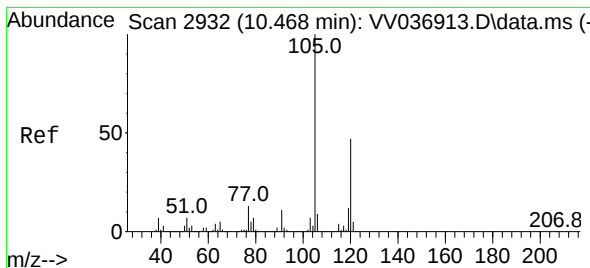


#61
1,2,3-Trichloropropane
Concen: 51.378 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56



Tgt Ion: 75 Resp: 285787
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 39.1 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 46.384 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

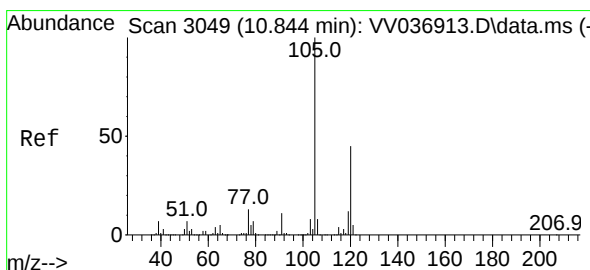
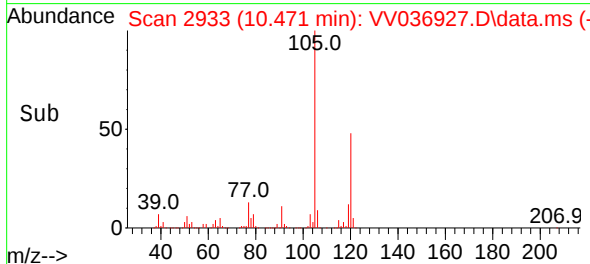
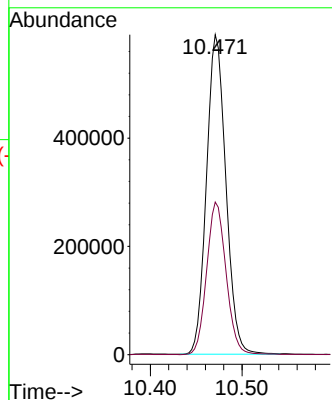
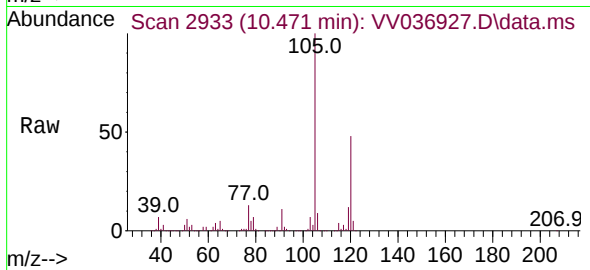
ClientSampleId :

Tgt Ion:105 Resp: 868706

Ion Ratio Lower Upper

105 100

120 47.9 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 46.662 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036927.D

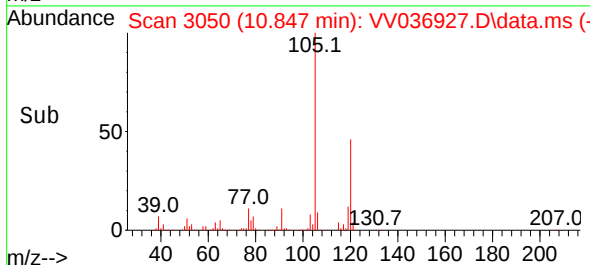
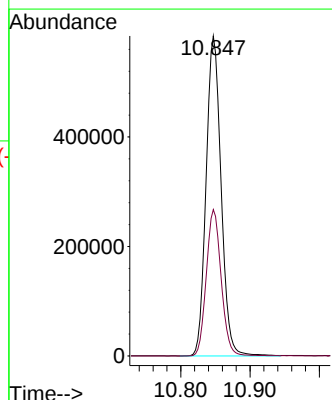
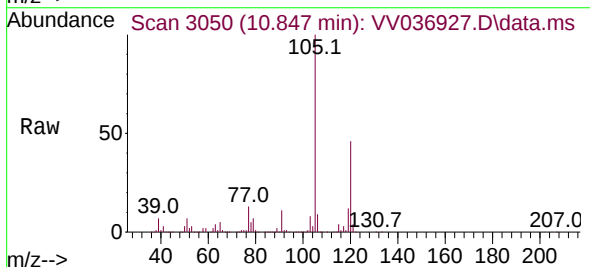
Acq: 13 Aug 2024 17:56

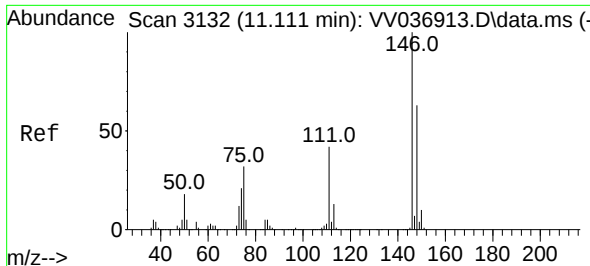
Tgt Ion:105 Resp: 874826

Ion Ratio Lower Upper

105 100

120 45.3 35.6 53.4

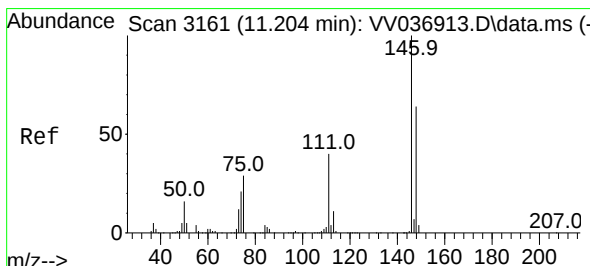
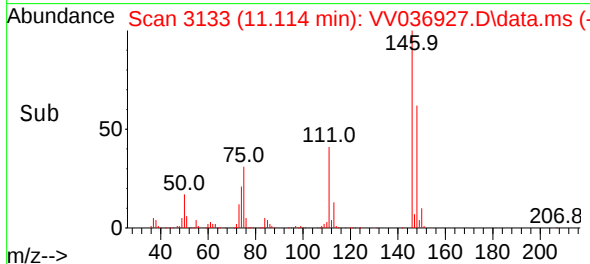
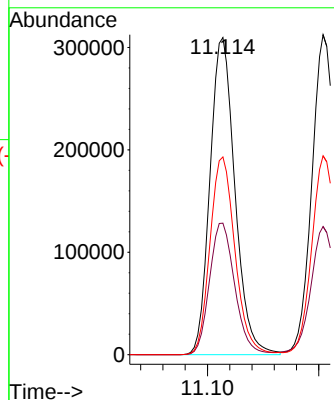
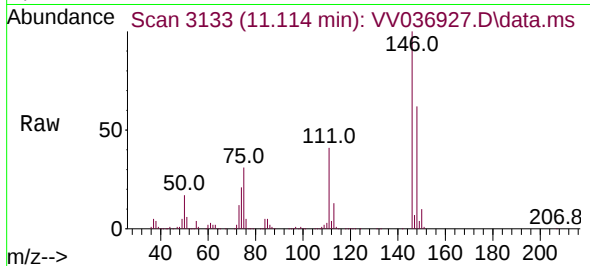




#64
1,3-Dichlorobenzene
Concen: 49.826 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

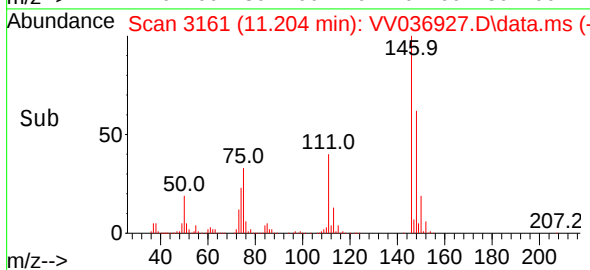
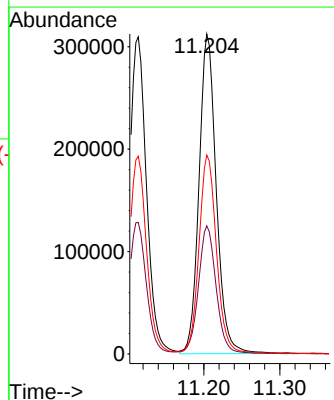
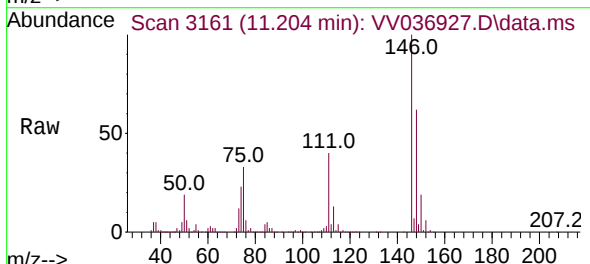
Instrument :
MSVOA_V
ClientSampleId :

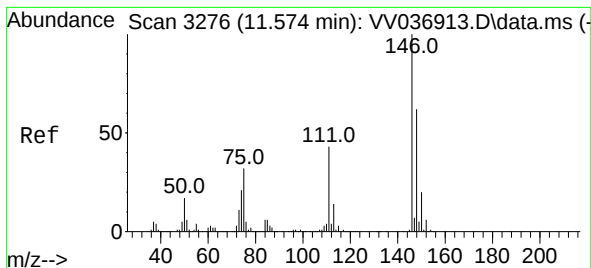
Tgt Ion:146 Resp: 482000
Ion Ratio Lower Upper
146 100
111 41.5 29.8 55.4
148 62.4 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 50.007 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036927.D
Acq: 13 Aug 2024 17:56

Tgt Ion:146 Resp: 491931
Ion Ratio Lower Upper
146 100
111 40.0 29.0 53.9
148 62.1 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 50.735 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

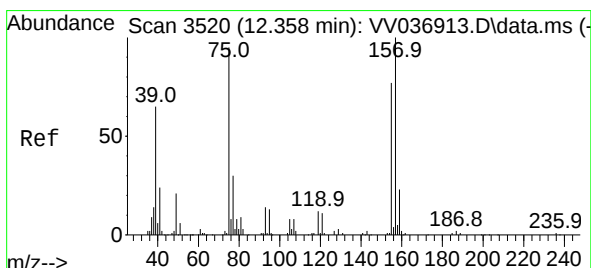
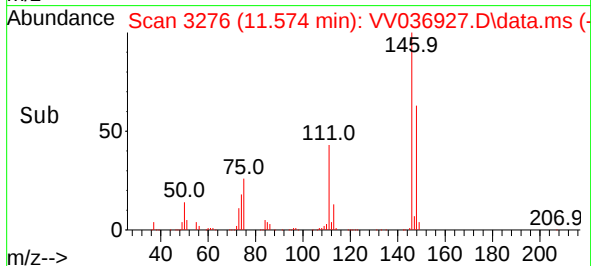
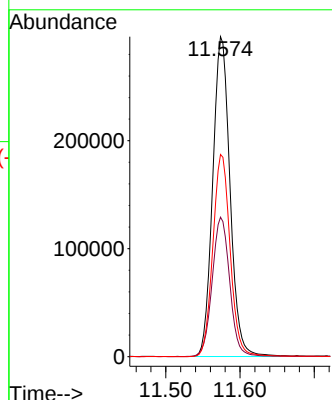
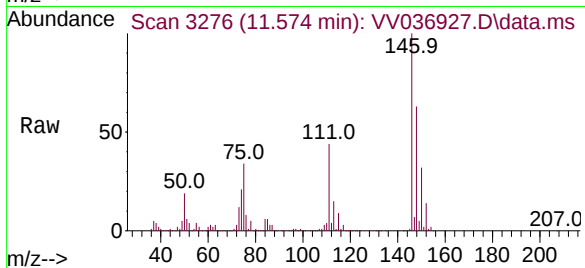
Tgt Ion:146 Resp: 479335

Ion Ratio Lower Upper

146 100

111 43.6 35.7 53.5

148 63.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 44.031 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

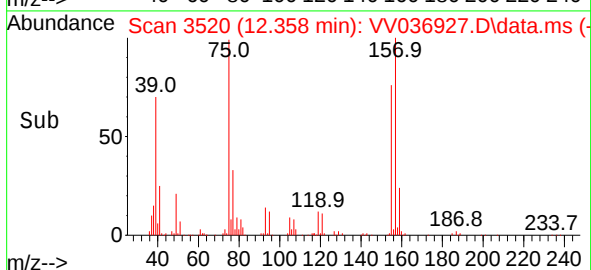
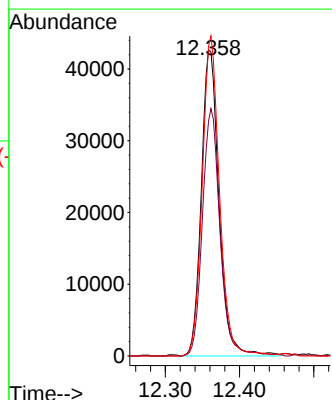
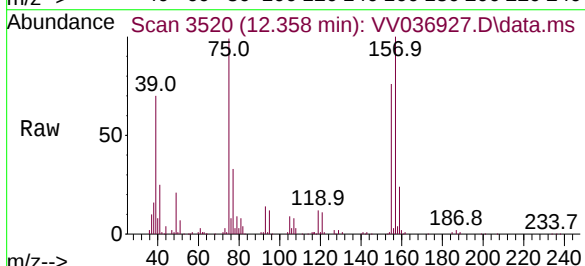
Tgt Ion: 75 Resp: 70776

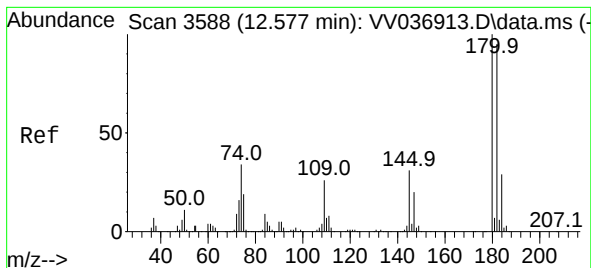
Ion Ratio Lower Upper

75 100

155 76.7 59.5 89.3

157 101.1 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 46.890 ug/L

RT: 12.577 min Scan# 3

Delta R.T. -0.000 min

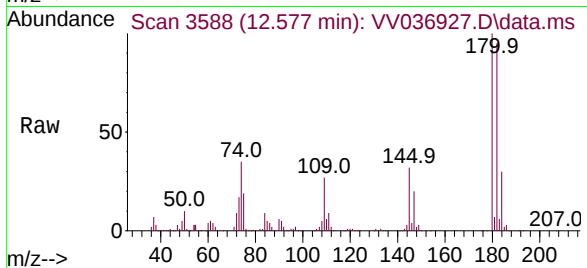
Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 321904

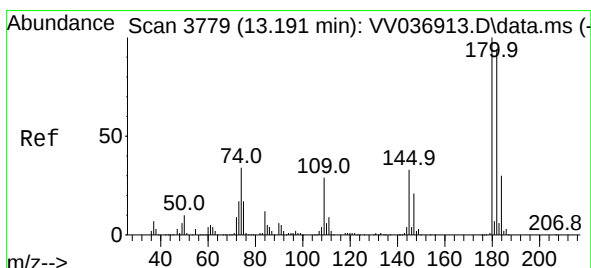
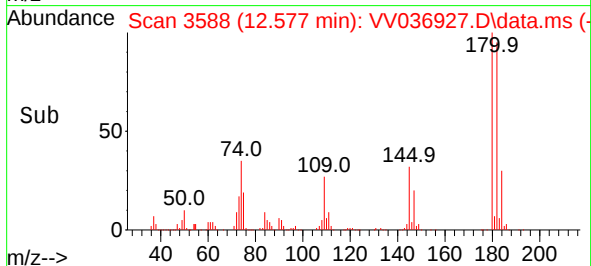
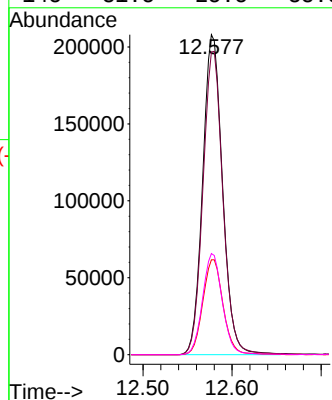
Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

184 30.3 23.7 35.5

145 31.5 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 47.057 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

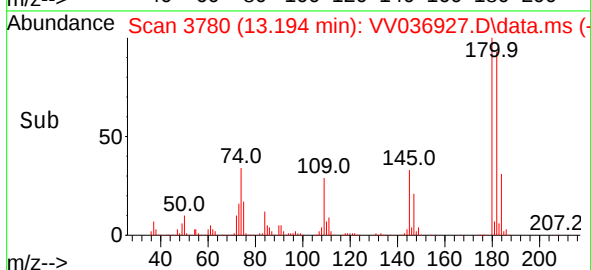
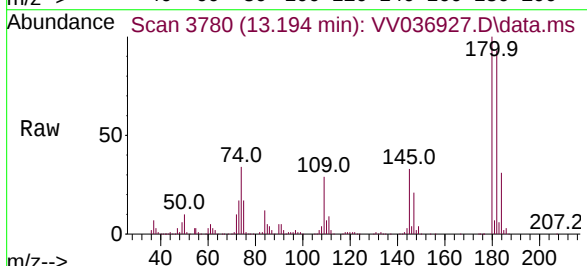
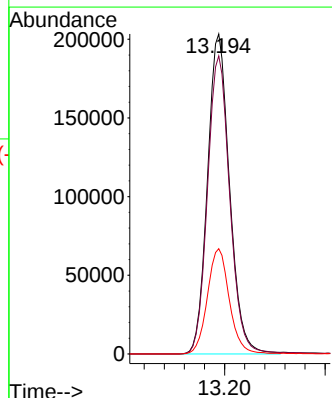
Tgt Ion:180 Resp: 309827

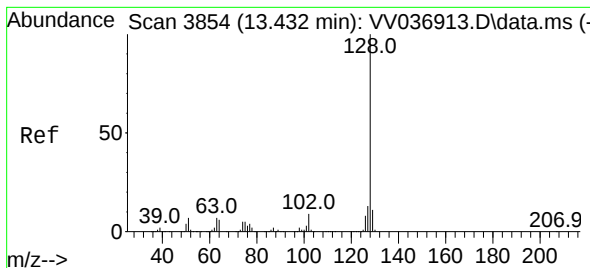
Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

145 32.8 26.5 39.7





#71

Naphthalene

Concen: 47.411 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

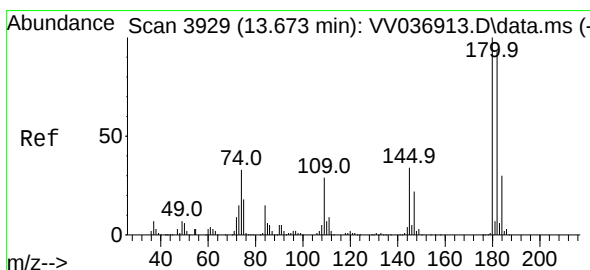
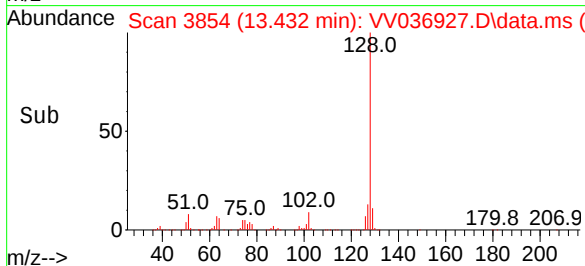
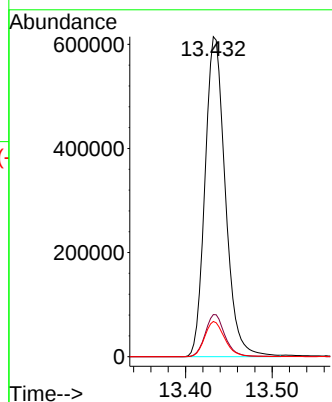
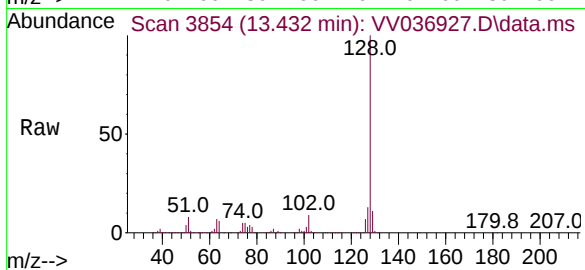
Tgt Ion:128 Resp: 1001018

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.900 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV036927.D

Acq: 13 Aug 2024 17:56

Tgt Ion:180 Resp: 315160

Ion Ratio Lower Upper

180 100

182 93.5 76.2 114.2

145 34.0 27.8 41.6

