

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072524\
 Data File : VV036691.D
 Acq On : 25 Jul 2024 03:23
 Operator : SY/MD
 Sample : P3335-17DL 200X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 04:31:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 03:06:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	361427	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	372270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	220411	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	118043	44.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.760%
7) Chloroethane-d5	1.526	69	103853	45.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.220%
11) 1,1-Dichloroethene-d2	2.053	65	56651	44.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
21) 2-Butanone-d5	3.780	46	126383	92.717	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	4.243	84	254519	46.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.480%
26) 1,2-Dichloroethane-d4	4.934	65	153485	47.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
32) Benzene-d6	4.953	84	465319	47.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.300%
36) 1,2-Dichloropropane-d6	5.982	67	132242	47.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.420%
41) Toluene-d8	7.239	98	471917	49.546	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.100%
43) trans-1,3-Dichloroprop...	7.548	79	65403	43.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.180%
47) 2-Hexanone-d5	8.021	63	99134	96.628	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.630%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	193978	45.160	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	208998	46.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	150331	45.844	ug/L	100
3) Chloromethane	1.214	50	111150	46.106	ug/L	99
5) Vinyl chloride	1.278	62	136003	46.250	ug/L	98
6) Bromomethane	1.478	94	118363	52.189	ug/L	99
8) Chloroethane	1.542	64	92176	47.668	ug/L	99
9) Trichlorofluoromethane	1.709	101	244089	47.103	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	143349	46.584	ug/L	100
12) 1,1-Dichloroethene	2.063	96	132318	47.071	ug/L	85
13) Acetone	2.108	43	107304	82.117	ug/L	100
14) Carbon disulfide	2.233	76	330982	46.445	ug/L	99
15) Methyl Acetate	2.368	43	99204	46.752	ug/L	98
16) Methylene chloride	2.442	84	135519	46.975	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	127185	47.359	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	349976	48.128	ug/L	100
19) 1,1-Dichloroethane	3.105	63	206187	47.069	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	140161	48.290	ug/L	99
22) 2-Butanone	3.860	43	134012	93.524	ug/L	96
23) Bromochloromethane	4.140	128	85341	48.252	ug/L	100
25) Chloroform	4.268	83	256335	48.361	ug/L	100

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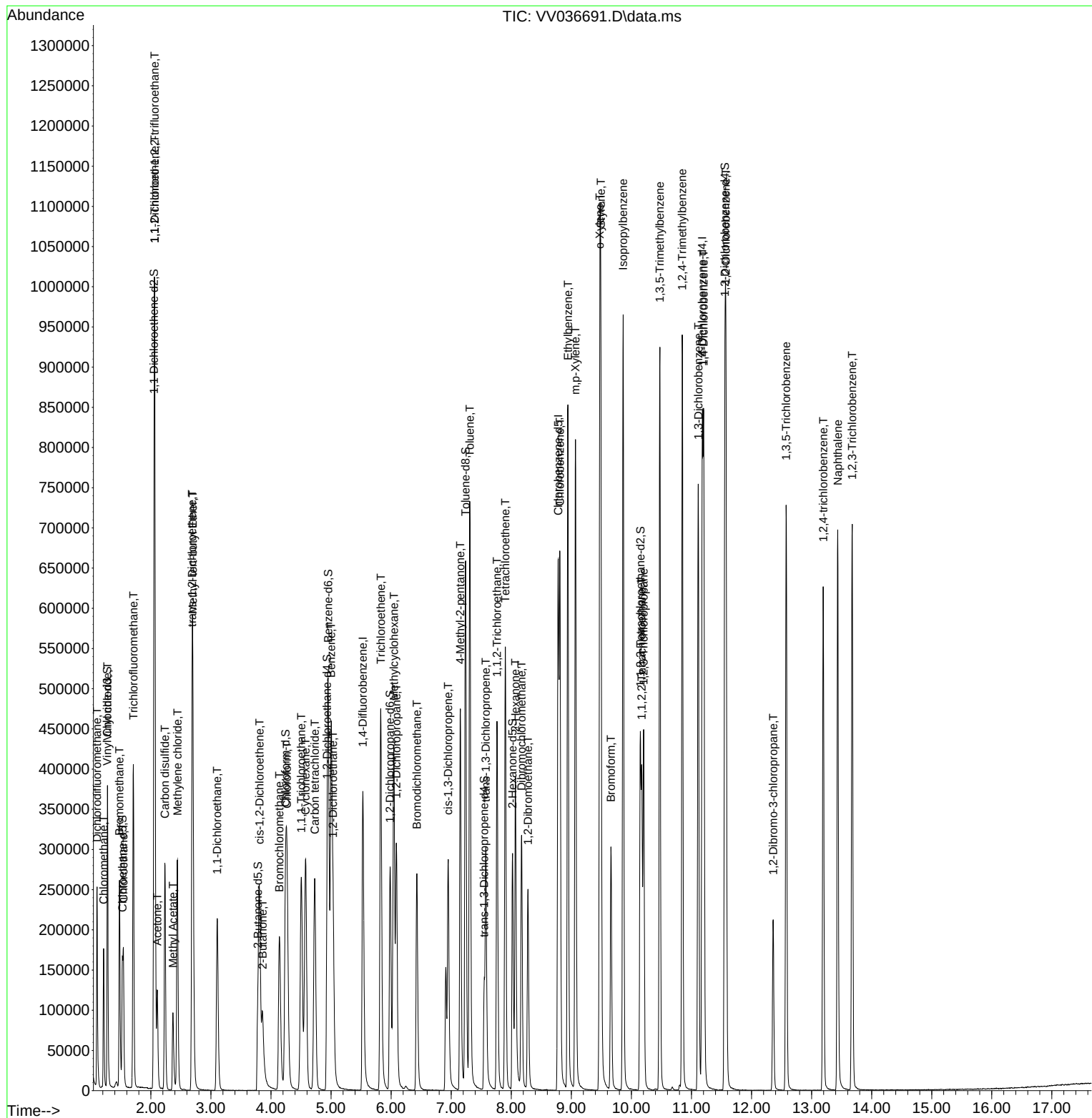
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	188041	49.285	ug/L	100
29) Cyclohexane	4.577	56	140627	47.069	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	227722	47.529	ug/L	99
31) Carbon tetrachloride	4.728	117	210547	46.880	ug/L	100
33) Benzene	5.002	78	491159	49.455	ug/L	100
34) Trichloroethene	5.828	95	164674	48.094	ug/L	99
35) Methylcyclohexane	6.047	83	188784	46.981	ug/L	99
37) 1,2-Dichloropropane	6.088	63	115648	48.236	ug/L	99
38) Bromodichloromethane	6.429	83	187920	47.493	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	177925	43.490	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	267550	101.355	ug/L	98
42) Toluene	7.310	91	558783	50.482	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	181959	45.396	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	146934	48.411	ug/L	98
46) Tetrachloroethene	7.902	164	133803	45.570	ug/L	99
48) 2-Hexanone	8.069	43	214672	100.792	ug/L	99
49) Dibromochloromethane	8.172	129	169022	48.067	ug/L	97
50) 1,2-Dibromoethane	8.278	107	166364	48.352	ug/L	99
51) Chlorobenzene	8.808	112	385676	47.231	ug/L	99
52) Ethylbenzene	8.944	91	588310	48.954	ug/L	99
53) m,p-Xylene	9.069	106	239463	51.192	ug/L	99
54) o-Xylene	9.474	106	227642	50.657	ug/L	100
55) Styrene	9.490	104	410193	52.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	175929	44.701	ug/L	98
59) Bromoform	9.661	173	141432	46.660	ug/L	100
60) Isopropylbenzene	9.863	105	608753	49.229	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	173302	46.887	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	485816	49.555	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	494844	50.273	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	331742	46.401	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	344700	45.760	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	344824	47.266	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	50678	44.845	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	242490	44.681	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	206244	43.590	ug/L	99
71) Naphthalene	13.435	128	560555	44.201	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	236665	46.884	ug/L	99

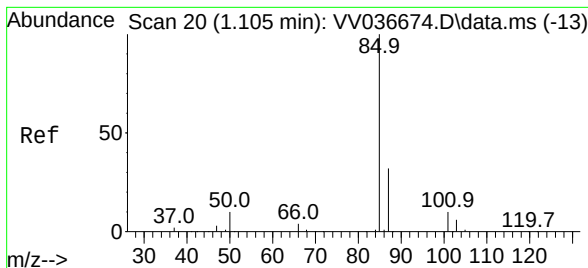
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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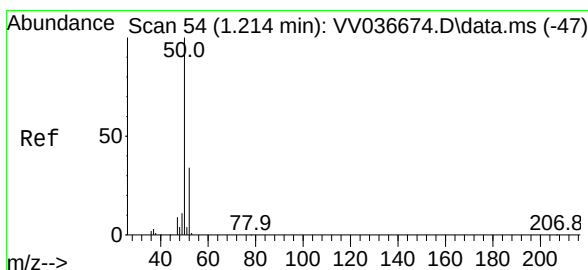
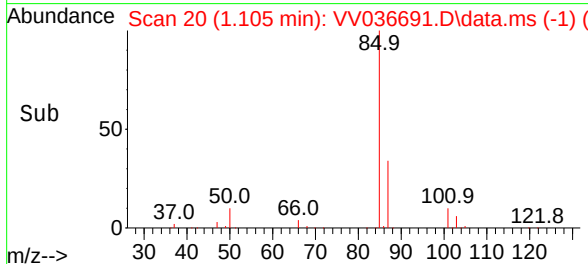
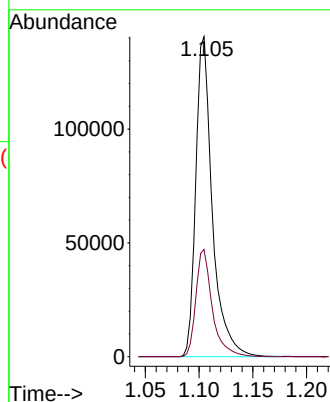
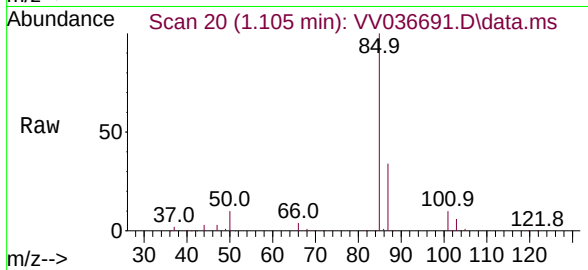




#2
 Dichlorodifluoromethane
 Concen: 45.844 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV036691.D
 Acq: 25 Jul 2024 03:23

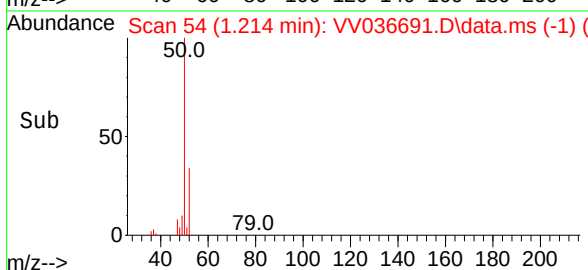
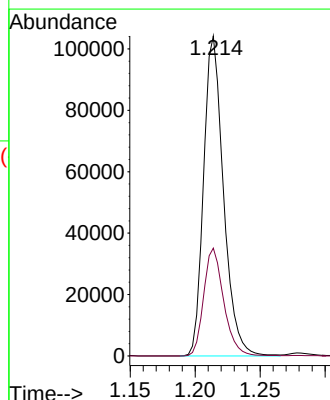
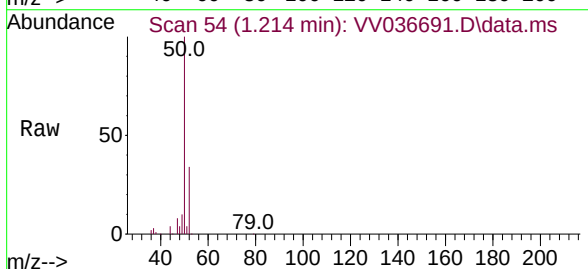
Instrument :
 MSVOA_V
 ClientSampleId :

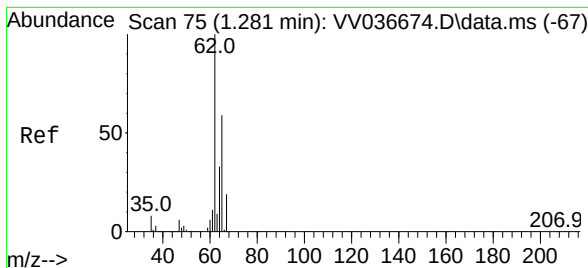
Tgt Ion: 85 Resp: 150331
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.4 39.6



#3
 Chloromethane
 Concen: 46.106 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV036691.D
 Acq: 25 Jul 2024 03:23

Tgt Ion: 50 Resp: 111150
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.0





#5

Vinyl chloride

Concen: 46.250 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

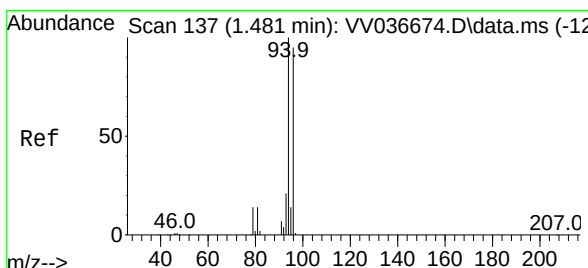
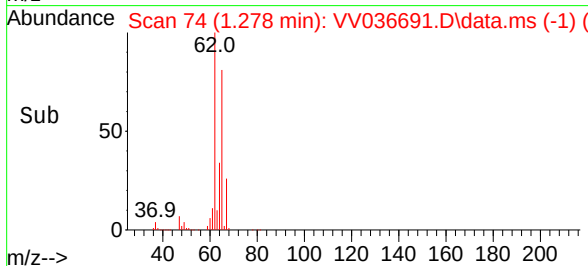
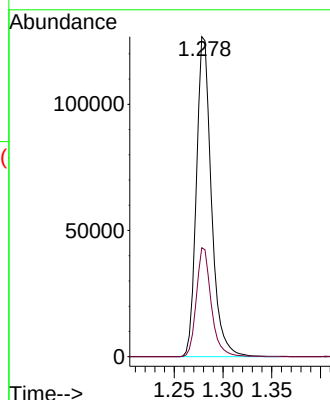
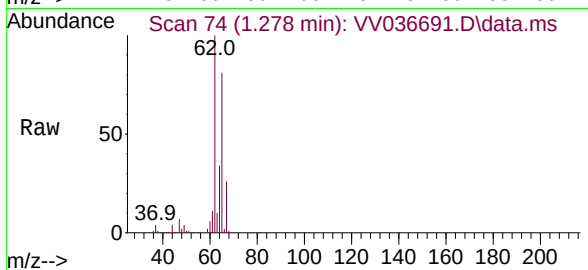
ClientSampleId :

Tgt Ion: 62 Resp: 136003

Ion Ratio Lower Upper

62 100

64 34.1 23.1 42.9



#6

Bromomethane

Concen: 52.189 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.003 min

Lab File: VV036691.D

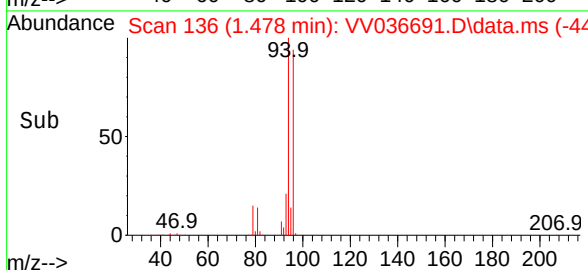
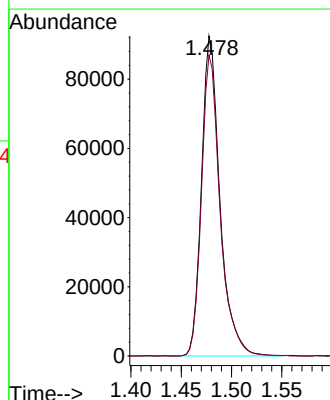
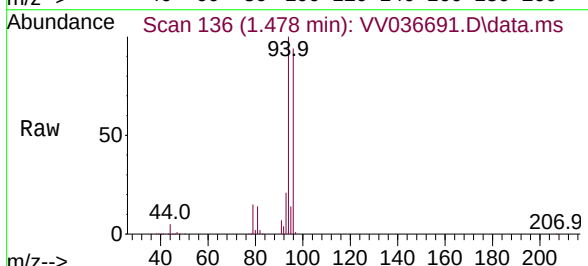
Acq: 25 Jul 2024 03:23

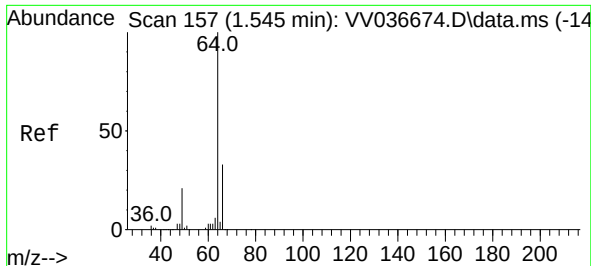
Tgt Ion: 94 Resp: 118363

Ion Ratio Lower Upper

94 100

96 94.1 66.8 124.2

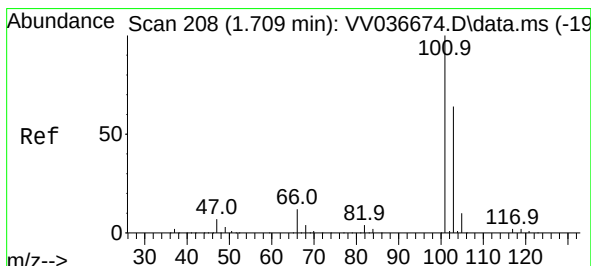
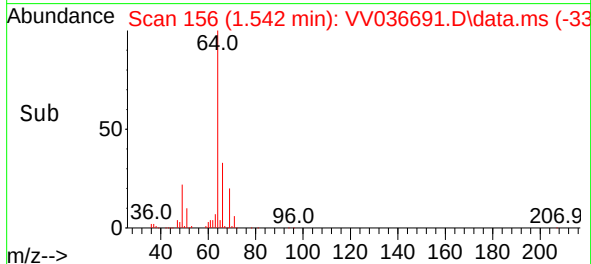
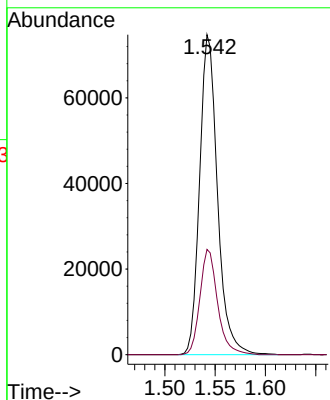
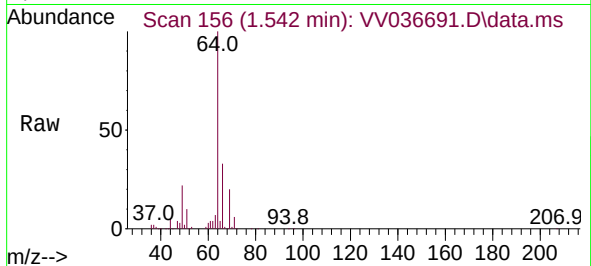




#8
Chloroethane
Concen: 47.668 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

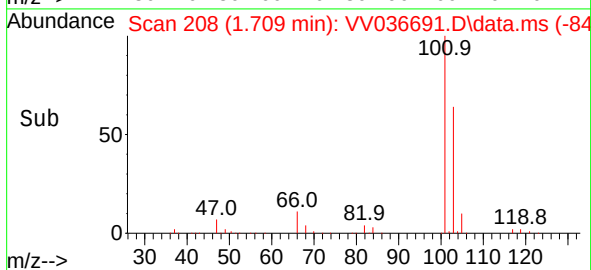
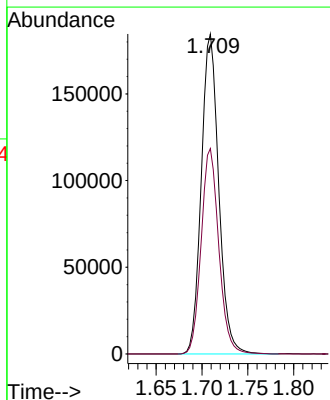
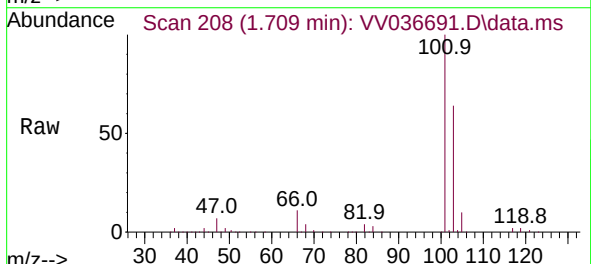
Instrument :
MSVOA_V
ClientSampleId :

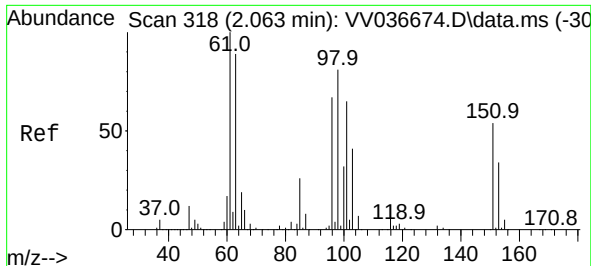
Tgt Ion: 64 Resp: 92176
Ion Ratio Lower Upper
64 100
66 32.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 47.103 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion:101 Resp: 244089
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4





#10

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

Concen: 46.584 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :

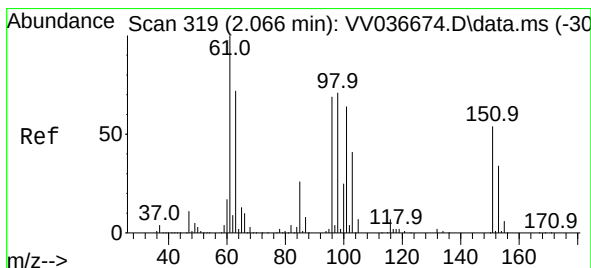
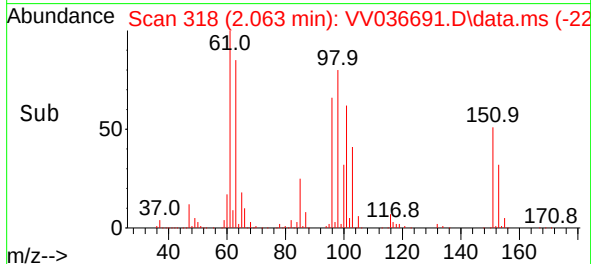
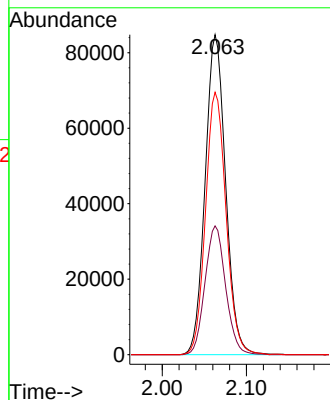
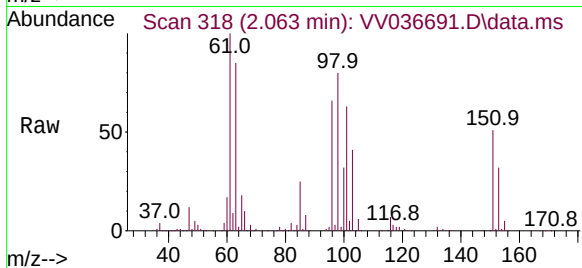
Tgt Ion:101 Resp: 143349

Ion Ratio Lower Upper

101 100

85 40.6 32.4 48.6

151 82.4 65.7 98.5



#12

1,1-Dichloroethene

Concen: 47.071 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

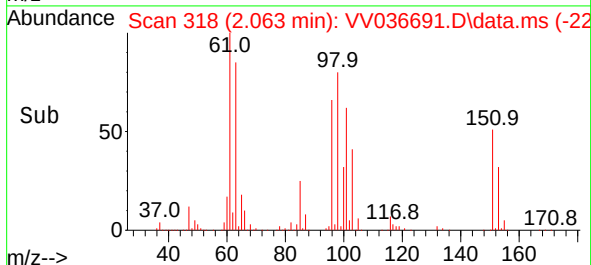
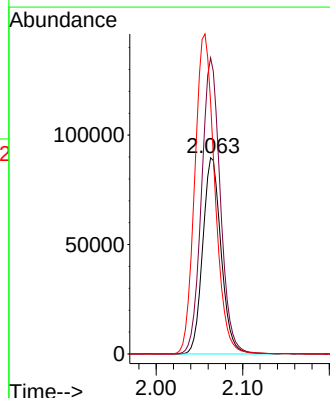
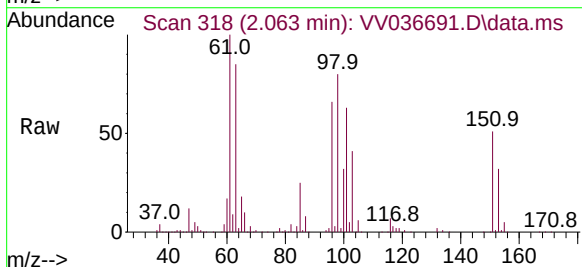
Tgt Ion: 96 Resp: 132318

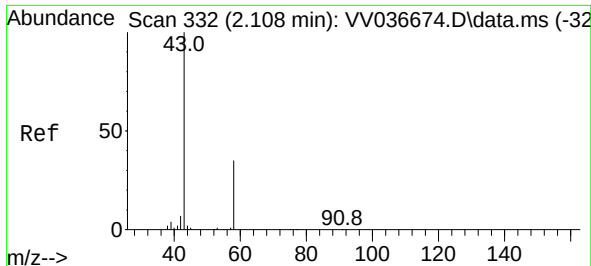
Ion Ratio Lower Upper

96 100

61 151.0 100.4 186.4

63 128.5 70.8 131.4





#13

Acetone

Concen: 82.117 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

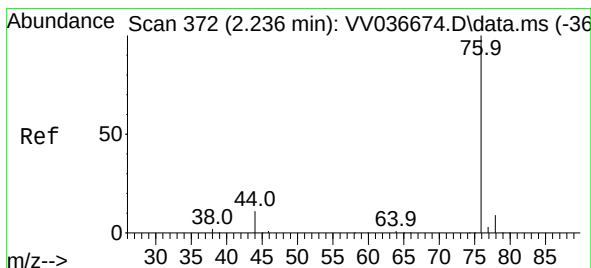
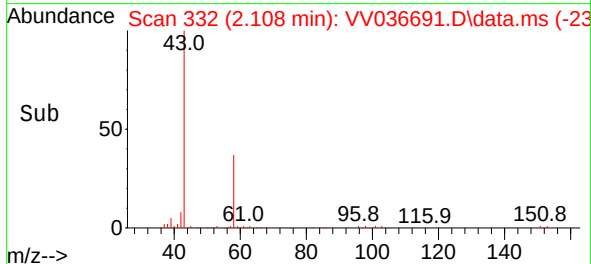
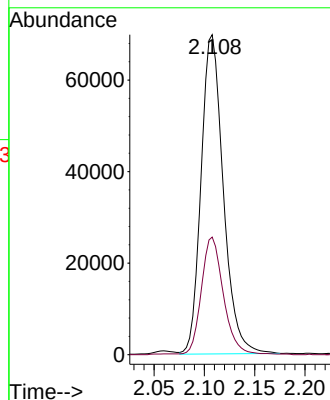
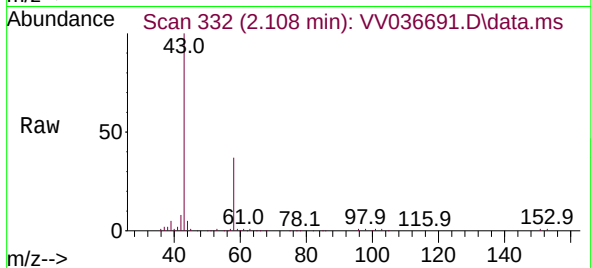
ClientSampleId :

Tgt Ion: 43 Resp: 107304

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.4



#14

Carbon disulfide

Concen: 46.445 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV036691.D

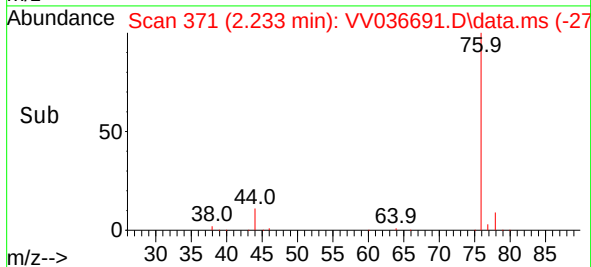
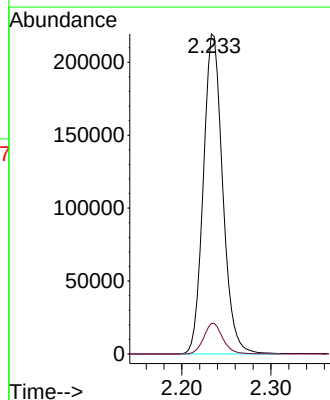
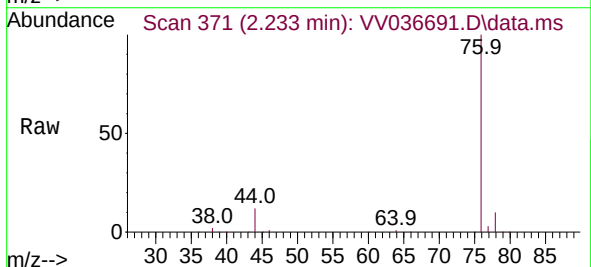
Acq: 25 Jul 2024 03:23

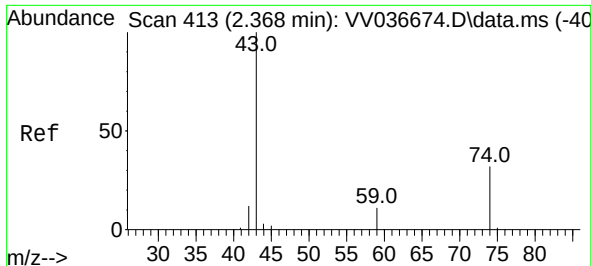
Tgt Ion: 76 Resp: 330982

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 46.752 ug/L

RT: 2.368 min Scan# 413

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

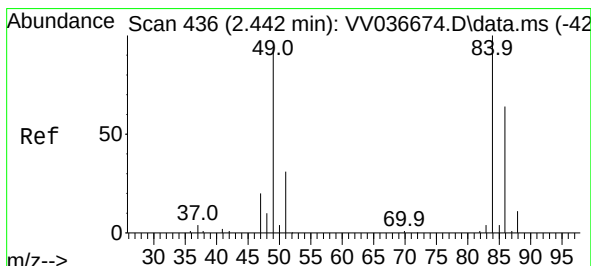
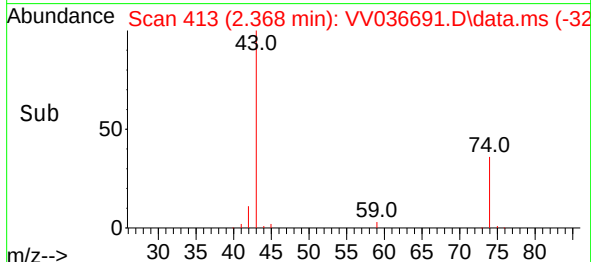
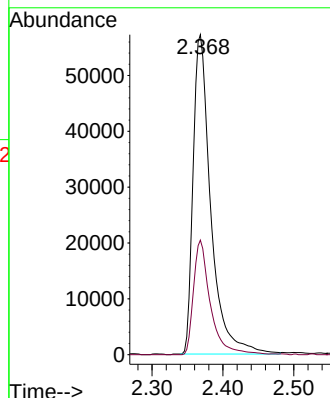
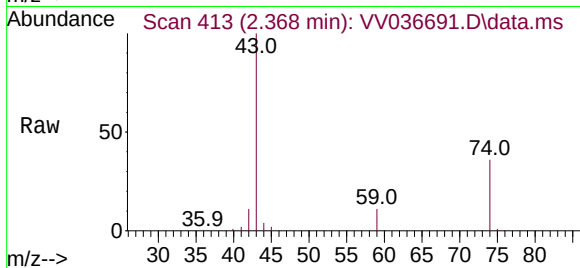
ClientSampleId :

Tgt Ion: 43 Resp: 99204

Ion Ratio Lower Upper

43 100

74 34.1 26.5 39.7



#16

Methylene chloride

Concen: 46.975 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

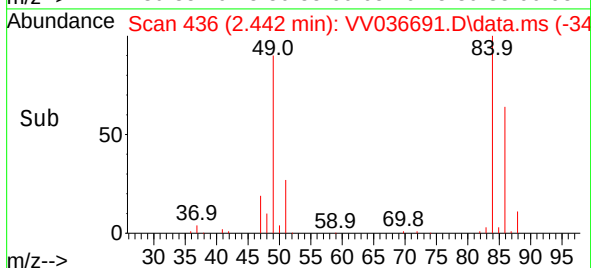
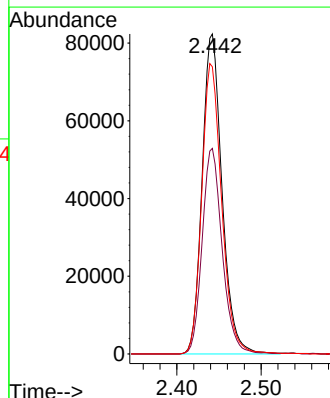
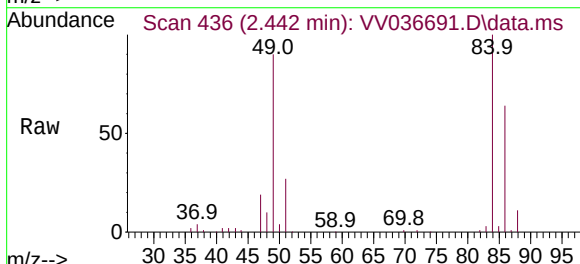
Tgt Ion: 84 Resp: 135519

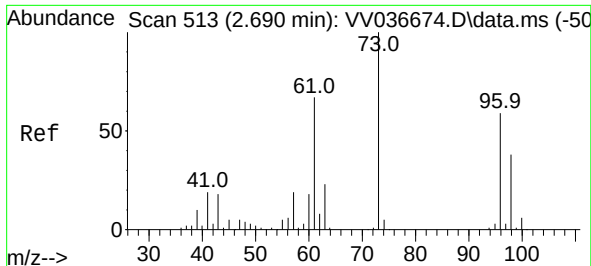
Ion Ratio Lower Upper

84 100

86 64.2 45.1 83.9

49 89.8 63.3 117.7





#17

trans-1,2-Dichloroethene

Concen: 47.359 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :

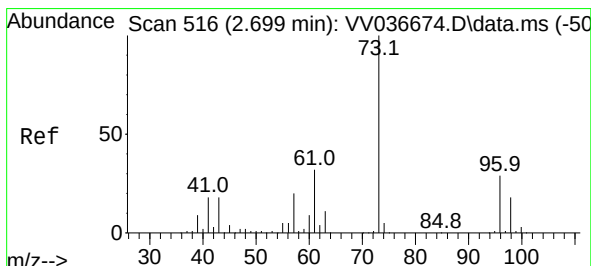
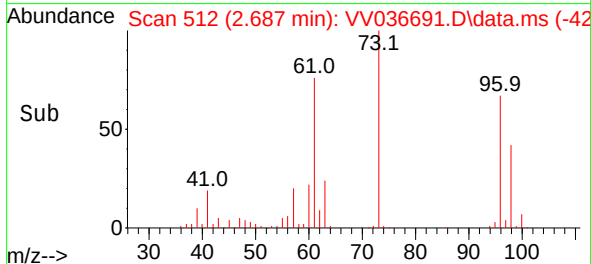
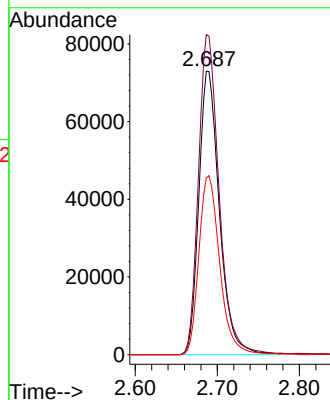
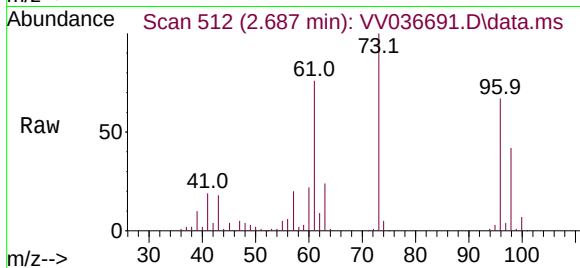
Tgt Ion: 96 Resp: 127185

Ion Ratio Lower Upper

96 100

61 112.8 80.2 148.9

98 62.3 44.5 82.7



#18

Methyl tert-butyl Ether

Concen: 48.128 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

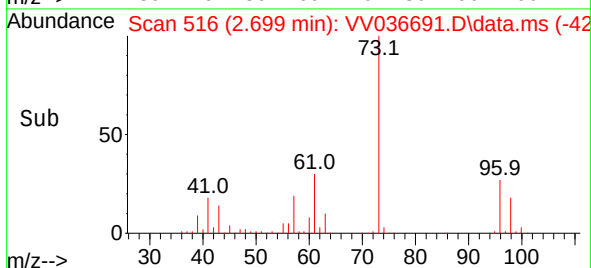
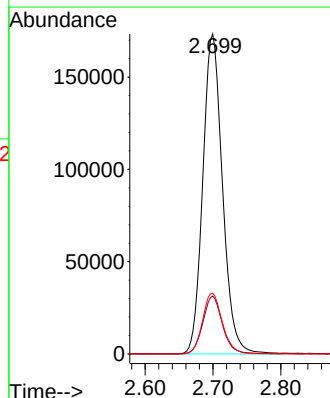
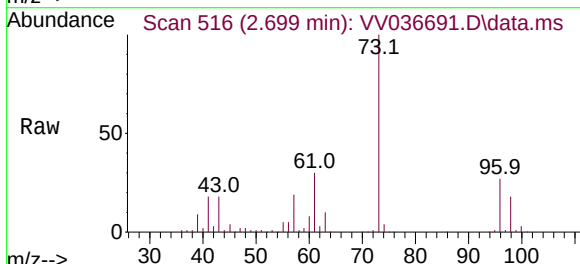
Tgt Ion: 73 Resp: 349976

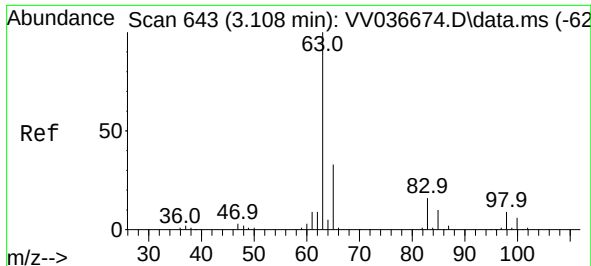
Ion Ratio Lower Upper

73 100

43 17.6 14.3 21.5

57 19.1 15.2 22.8

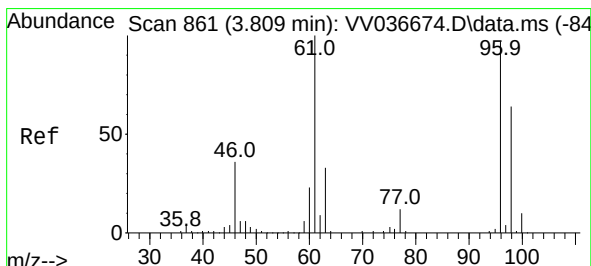
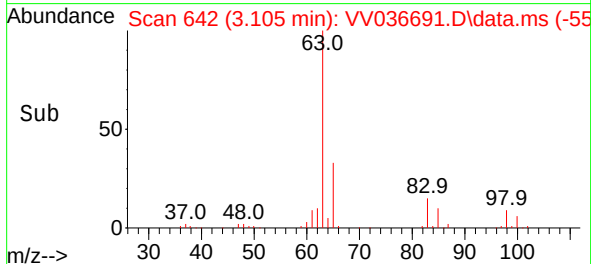
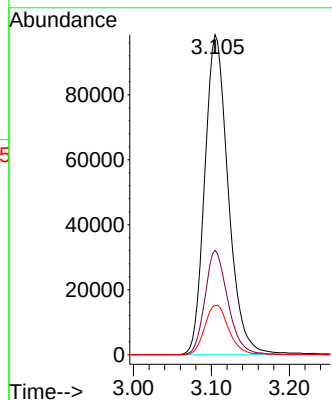
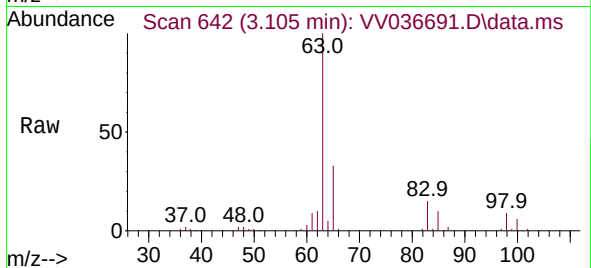




#19
1,1-Dichloroethane
Concen: 47.069 ug/L
RT: 3.105 min Scan# 643
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

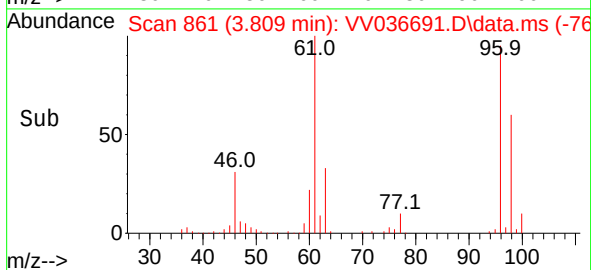
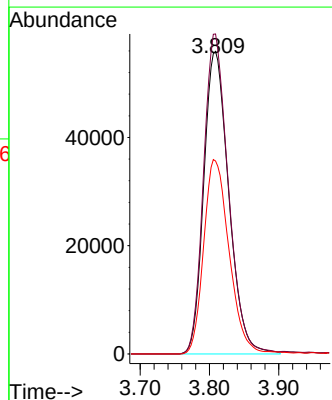
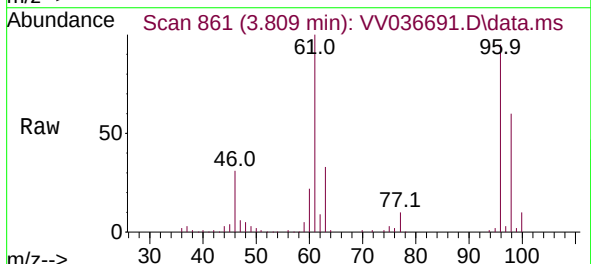
Instrument :
MSVOA_V
ClientSampleId :

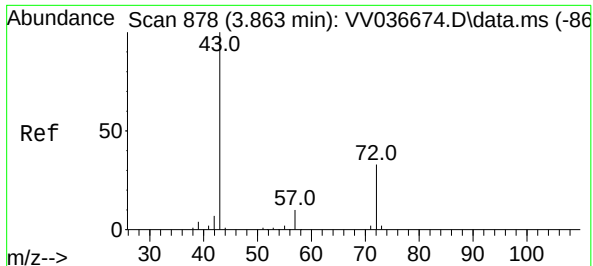
Tgt Ion: 63 Resp: 206187
Ion Ratio Lower Upper
63 100
65 32.6 22.7 42.3
83 15.4 11.0 20.4



#20
cis-1,2-Dichloroethene
Concen: 48.290 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion: 96 Resp: 140161
Ion Ratio Lower Upper
96 100
61 105.8 73.4 136.2
98 63.8 45.2 84.0

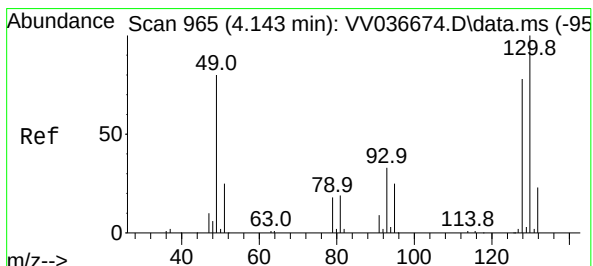
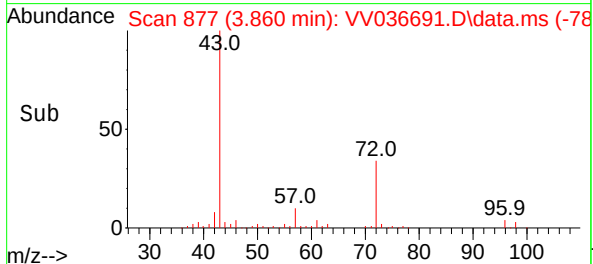
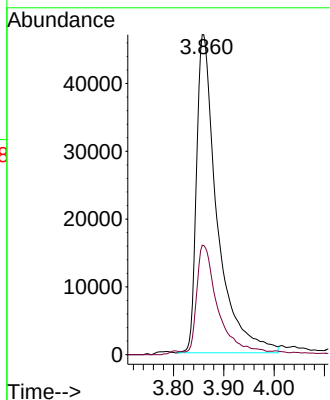
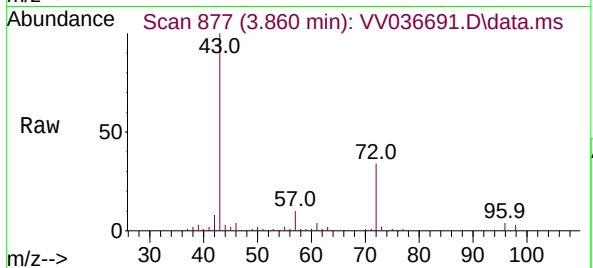




#22
2-Butanone
Concen: 93.524 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

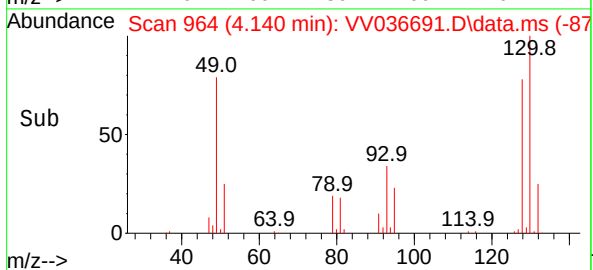
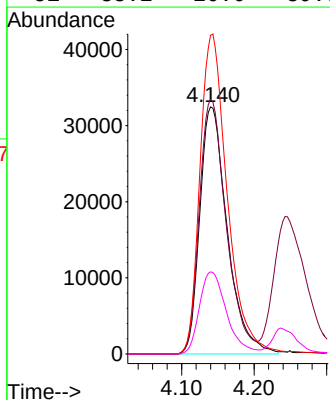
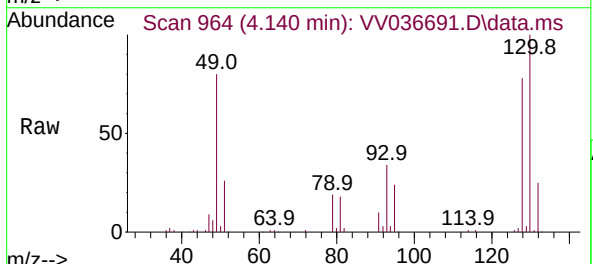
Instrument :
MSVOA_V
ClientSampleId :

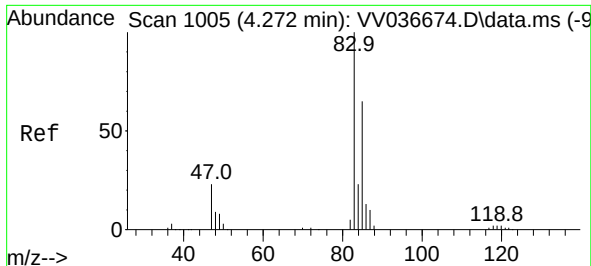
Tgt Ion: 43 Resp: 134012
Ion Ratio Lower Upper
43 100
72 31.8 17.2 51.6



#23
Bromochloromethane
Concen: 48.252 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion:128 Resp: 85341
Ion Ratio Lower Upper
128 100
49 103.0 72.2 134.0
130 128.9 90.2 167.6
51 33.2 26.0 39.0





#25

Chloroform

Concen: 48.361 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

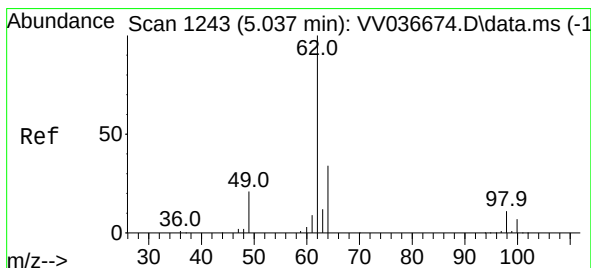
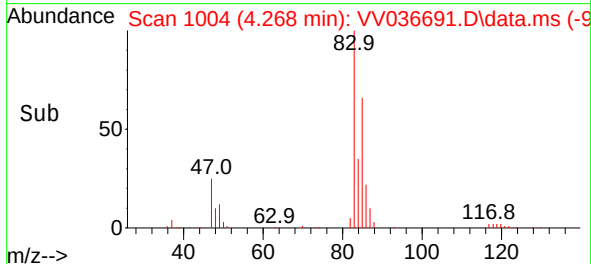
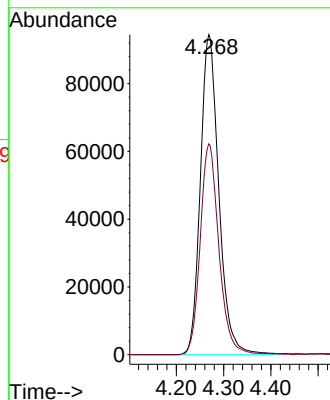
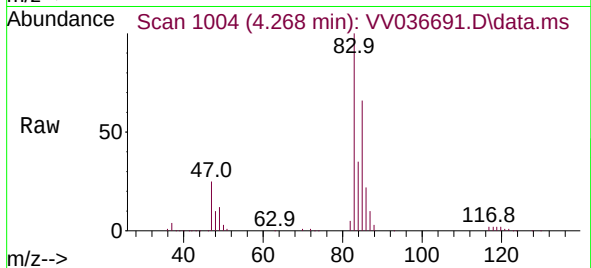
ClientSampleId :

Tgt Ion: 83 Resp: 256335

Ion Ratio Lower Upper

83 100

85 65.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 49.285 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV036691.D

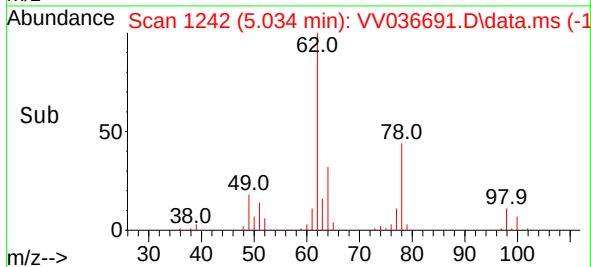
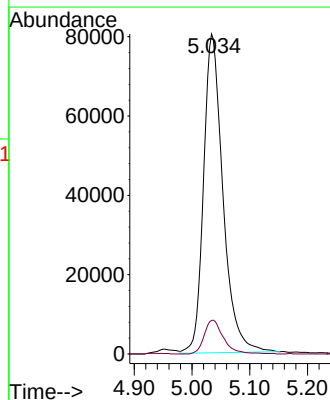
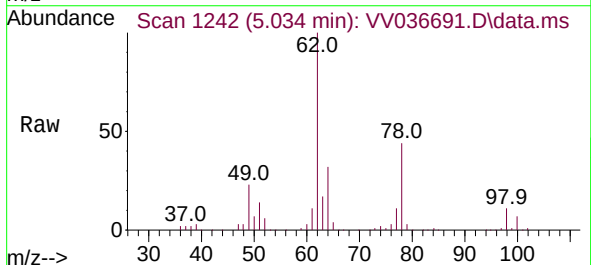
Acq: 25 Jul 2024 03:23

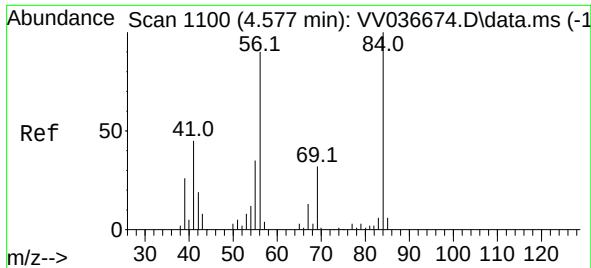
Tgt Ion: 62 Resp: 188041

Ion Ratio Lower Upper

62 100

98 10.5 8.3 12.5





#29

Cyclohexane

Concen: 47.069 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

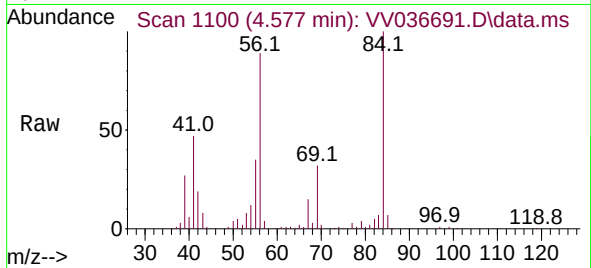
Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :



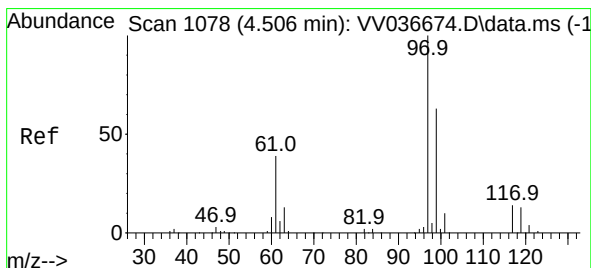
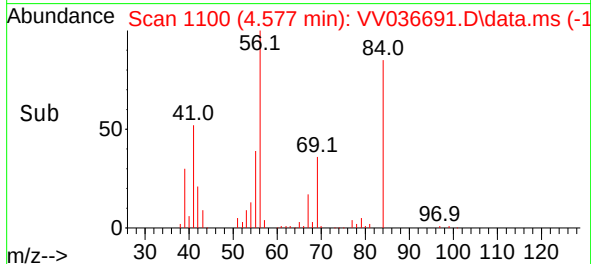
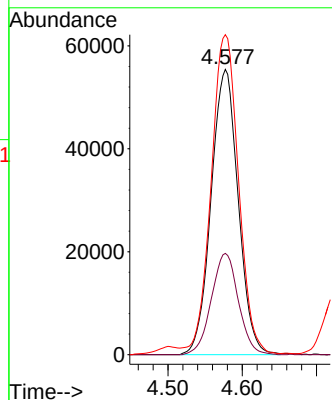
Tgt Ion: 56 Resp: 140627

Ion Ratio Lower Upper

56 100

69 35.4 28.8 43.2

84 112.8 90.5 135.7



#30

1,1,1-Trichloroethane

Concen: 47.529 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

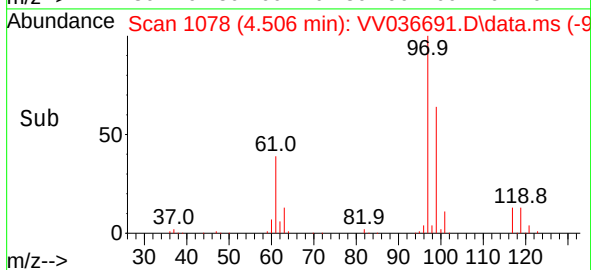
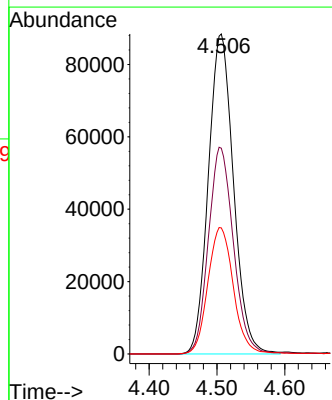
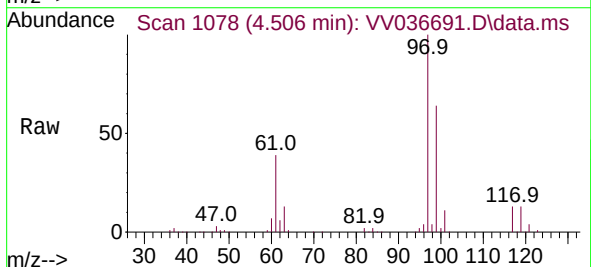
Tgt Ion: 97 Resp: 227722

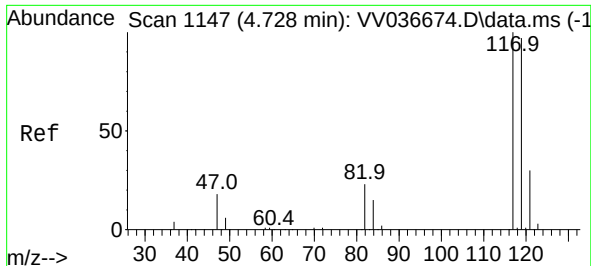
Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 39.9 31.6 47.4

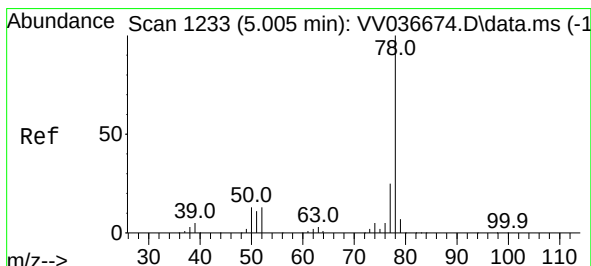
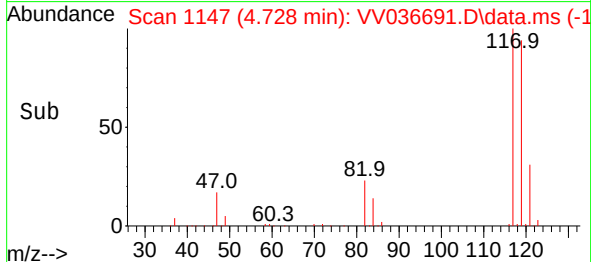
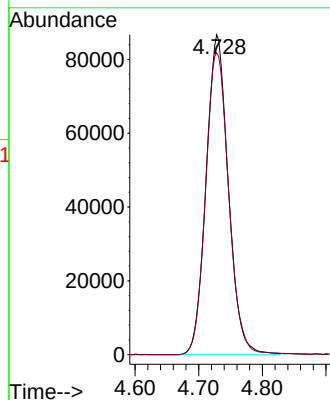
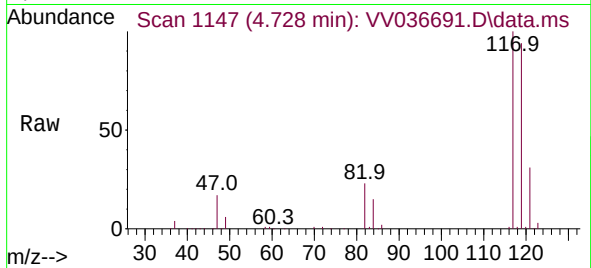




#31
Carbon tetrachloride
Concen: 46.880 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

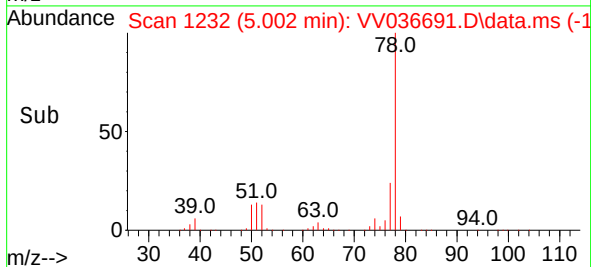
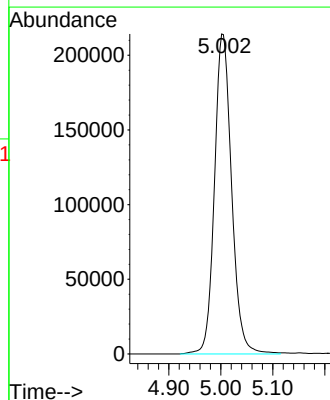
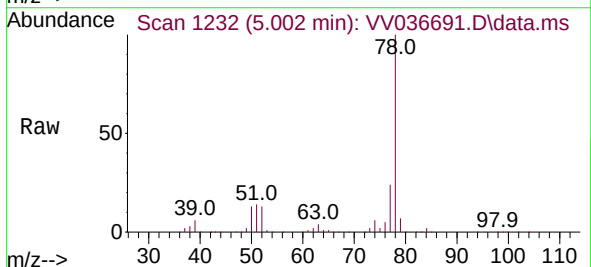
Instrument :
MSVOA_V
ClientSampleId :

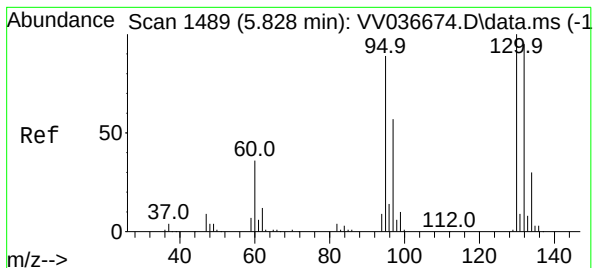
Tgt Ion:117 Resp: 210547
Ion Ratio Lower Upper
117 100
119 97.4 77.9 116.9



#33
Benzene
Concen: 49.455 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion: 78 Resp: 491159





#34

Trichloroethene

Concen: 48.094 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 164674

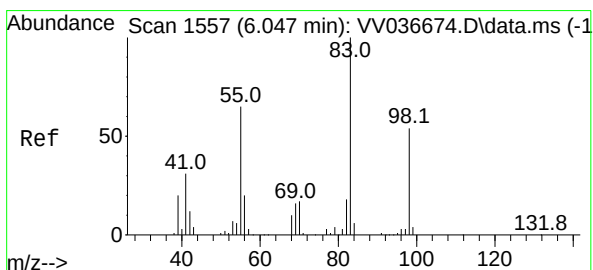
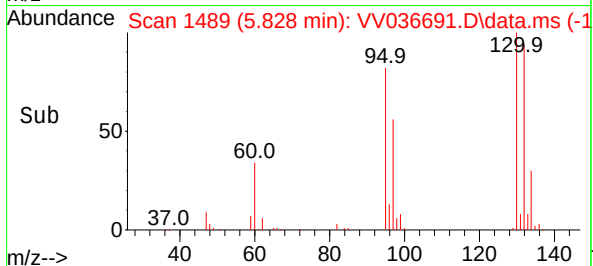
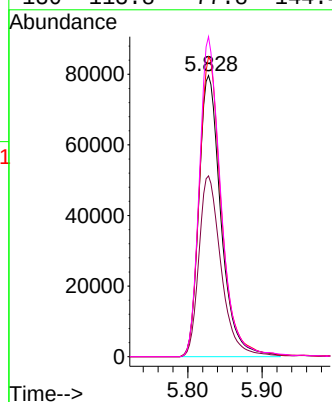
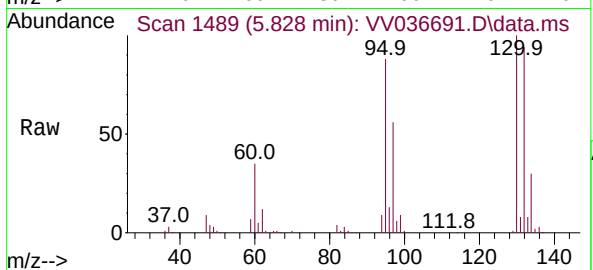
Ion Ratio Lower Upper

95 100

97 64.3 44.7 83.1

132 106.6 74.3 138.1

130 113.8 77.8 144.4



#35

Methylcyclohexane

Concen: 46.981 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

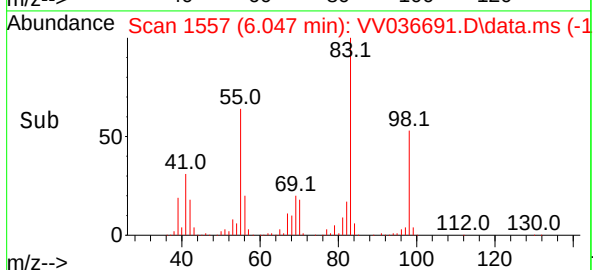
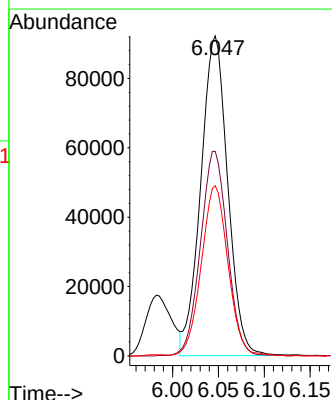
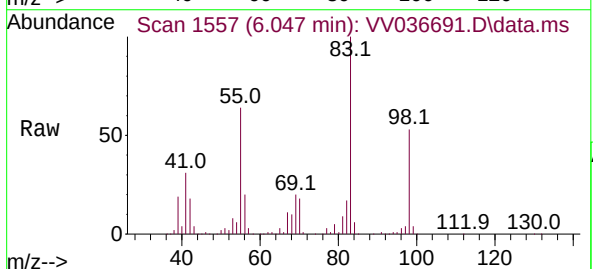
Tgt Ion: 83 Resp: 188784

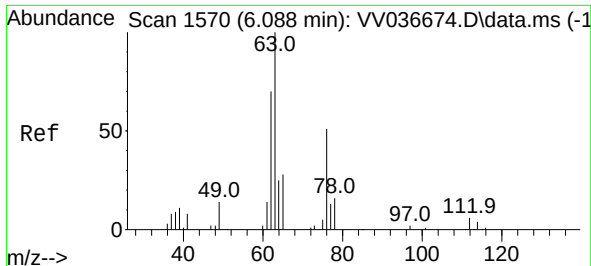
Ion Ratio Lower Upper

83 100

55 63.5 49.9 74.9

98 52.8 41.6 62.4

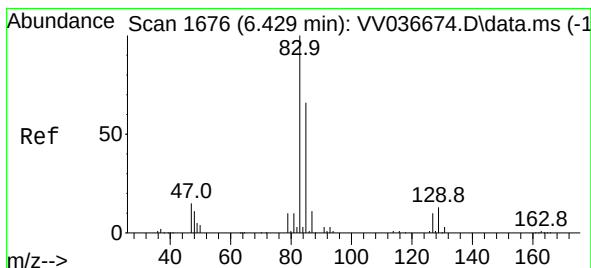
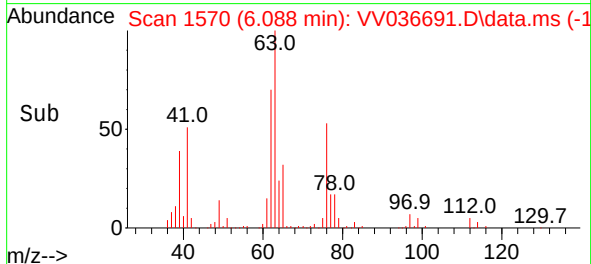
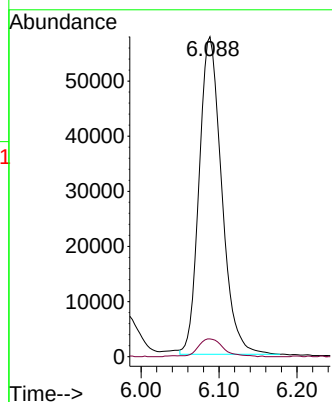
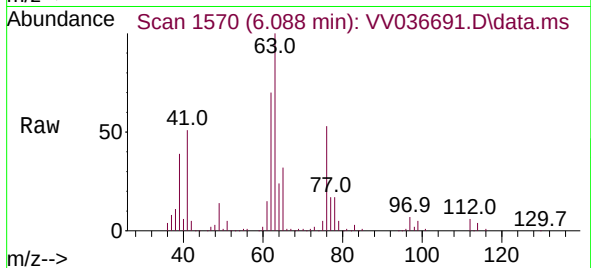




#37
1,2-Dichloropropane
Concen: 48.236 ug/L
RT: 6.088 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

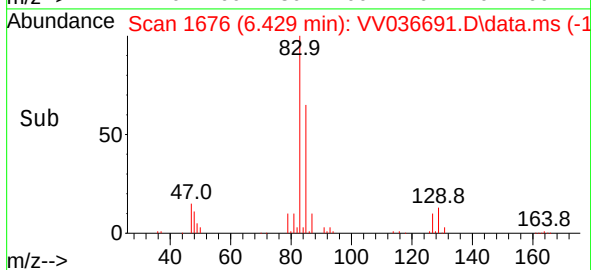
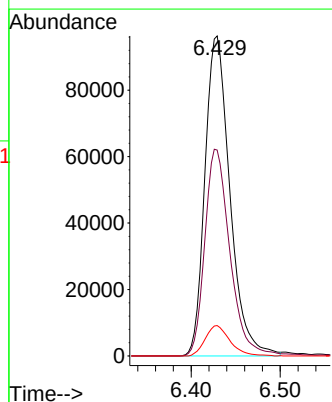
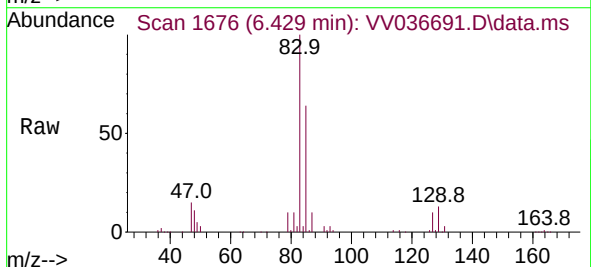
Instrument :
MSVOA_V
ClientSampleId :

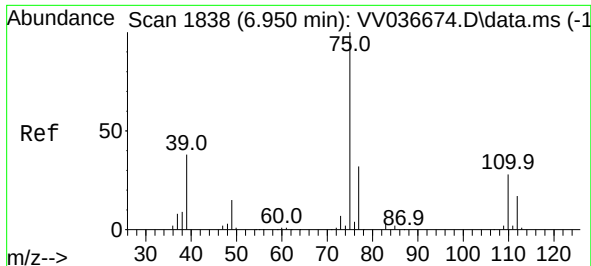
Tgt Ion: 63 Resp: 115648
Ion Ratio Lower Upper
63 100
112 6.2 5.1 7.7



#38
Bromodichloromethane
Concen: 47.493 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion: 83 Resp: 187920
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6
127 9.5 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 43.490 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

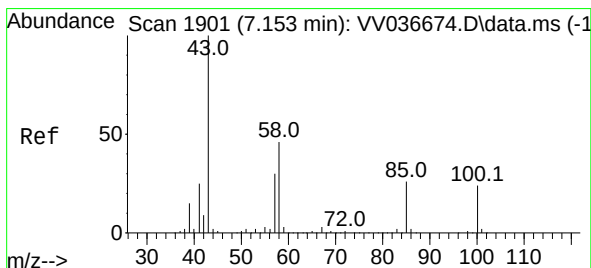
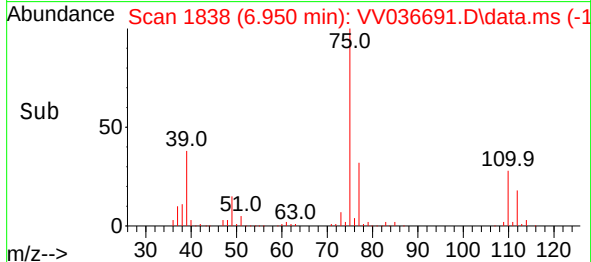
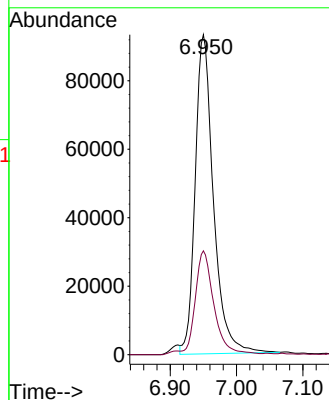
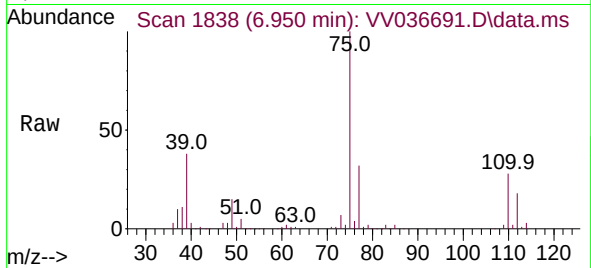
ClientSampleId :

Tgt Ion: 75 Resp: 177925

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 101.355 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

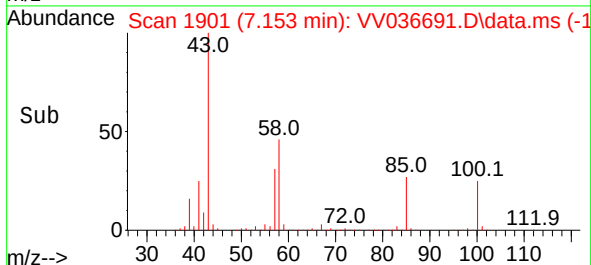
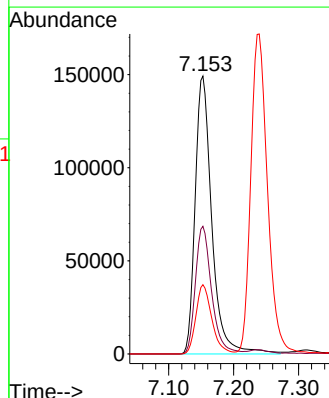
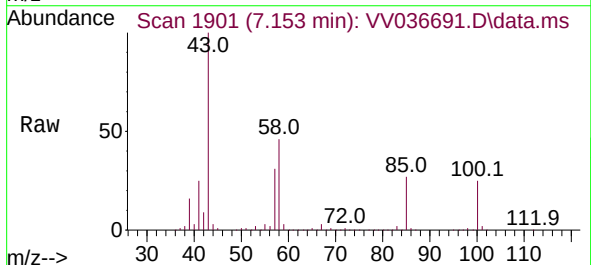
Tgt Ion: 43 Resp: 267550

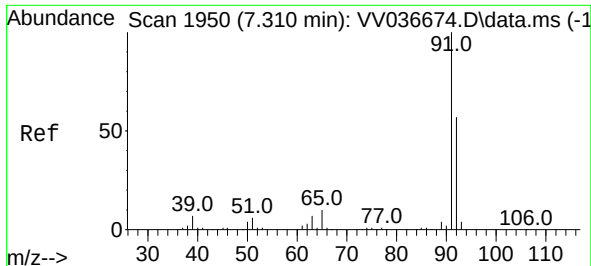
Ion Ratio Lower Upper

43 100

58 44.6 36.6 54.8

100 23.7 19.6 29.4

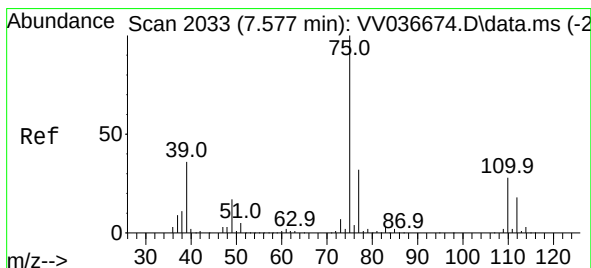
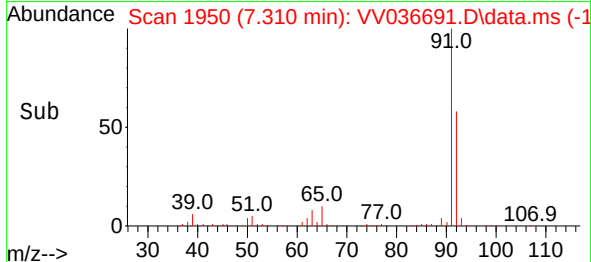
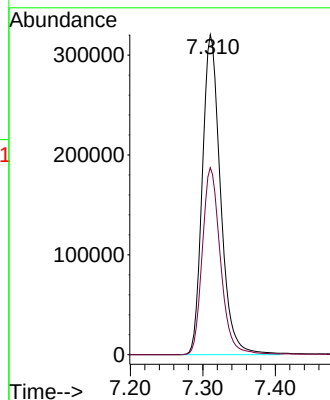
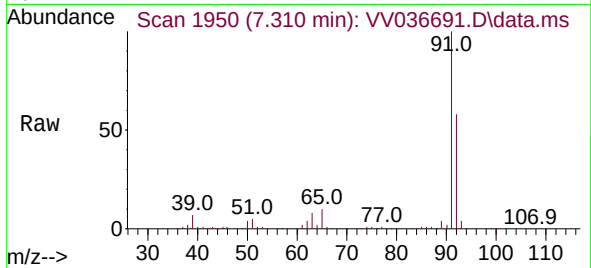




#42
Toluene
Concen: 50.482 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

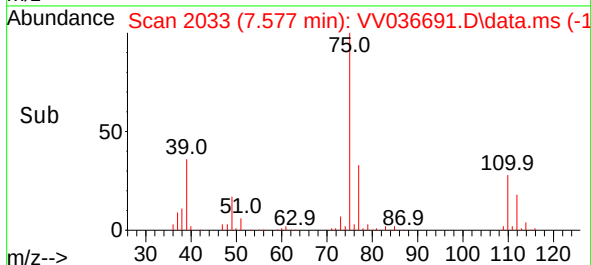
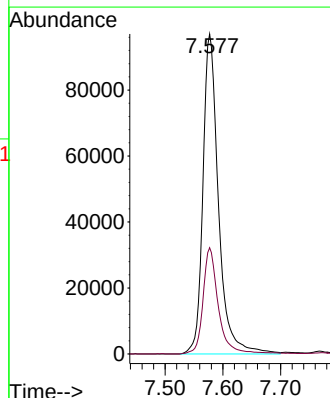
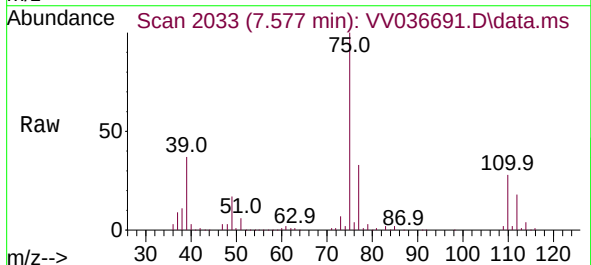
Instrument :
MSVOA_V
ClientSampleId :

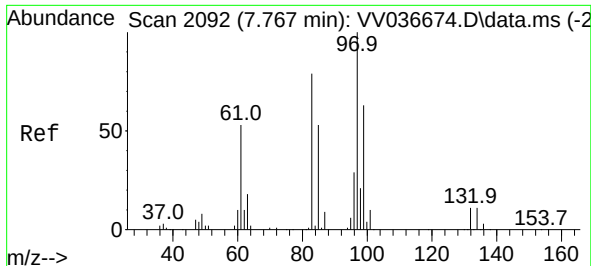
Tgt Ion: 91 Resp: 558783
Ion Ratio Lower Upper
91 100
92 58.4 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 45.396 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion: 75 Resp: 181959
Ion Ratio Lower Upper
75 100
77 33.2 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 48.411 ug/L

RT: 7.764 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 146934

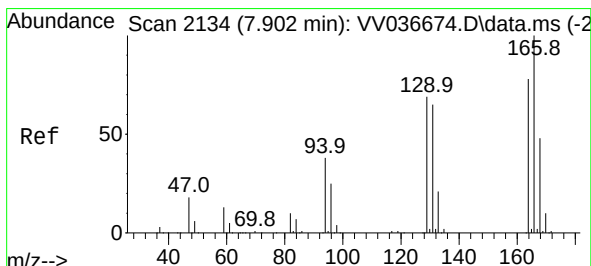
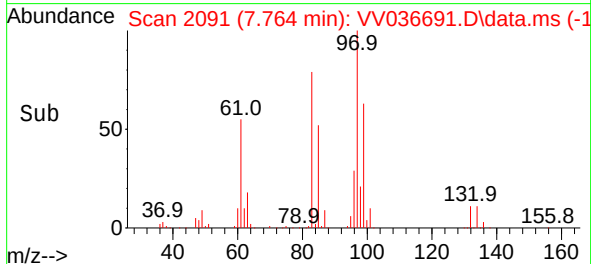
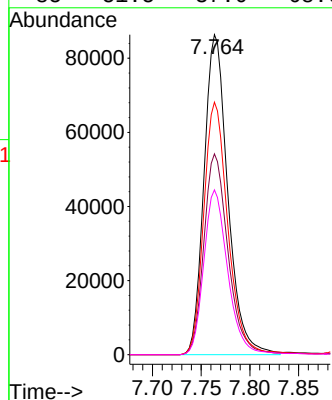
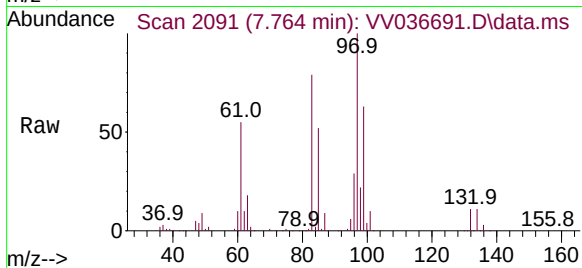
Ion Ratio Lower Upper

97 100

99 62.8 44.4 82.5

83 78.9 57.3 106.3

85 51.5 37.0 68.6



#46

Tetrachloroethene

Concen: 45.570 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Tgt Ion:164 Resp: 133803

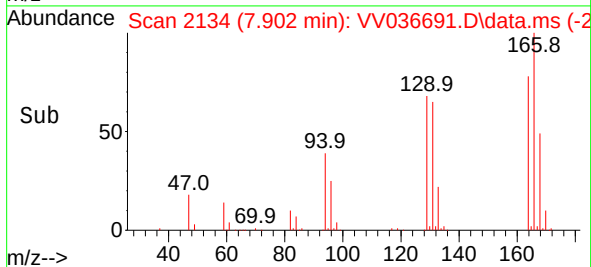
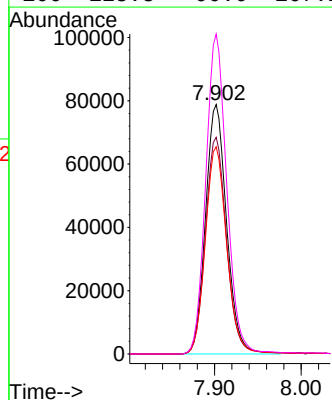
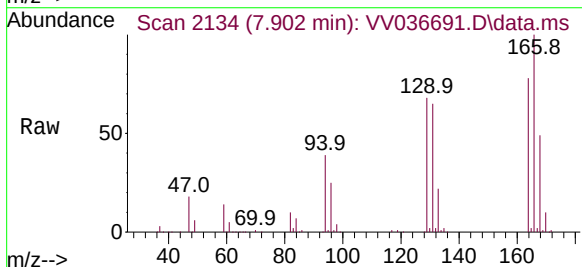
Ion Ratio Lower Upper

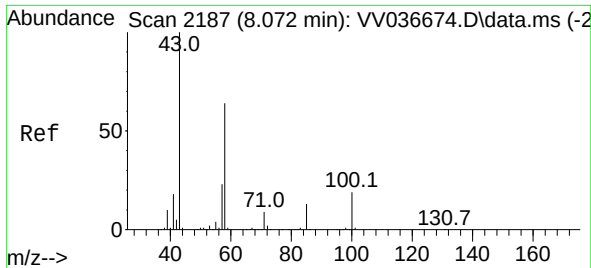
164 100

129 86.8 62.1 115.3

131 83.0 58.7 109.1

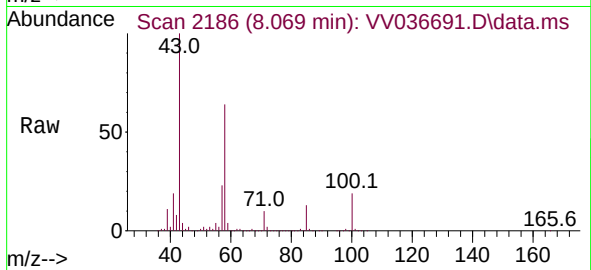
166 128.3 90.0 167.2



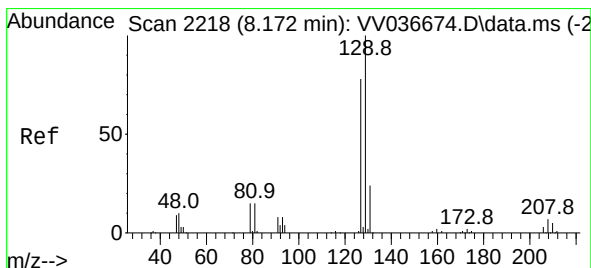
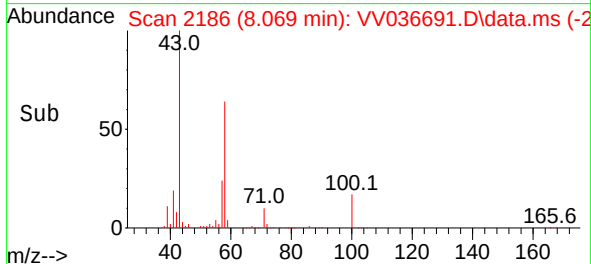
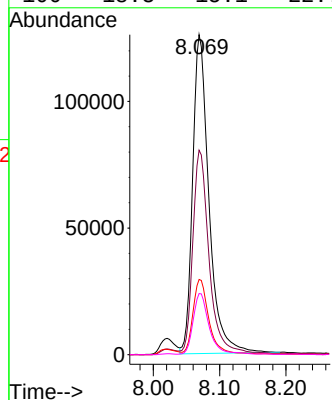


#48
2-Hexanone
Concen: 100.792 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Instrument :
MSVOA_V
ClientSampleId :

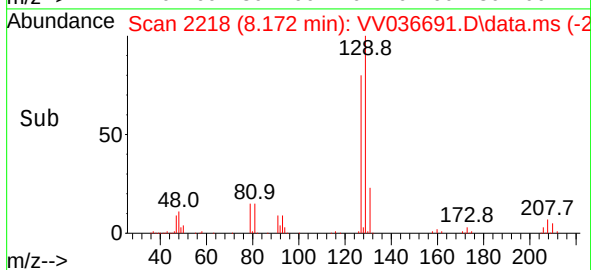
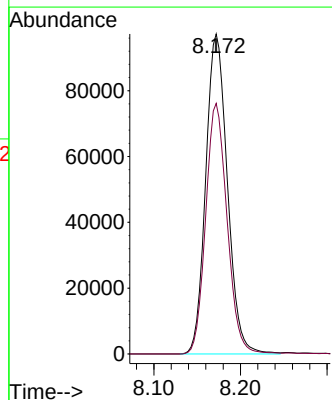
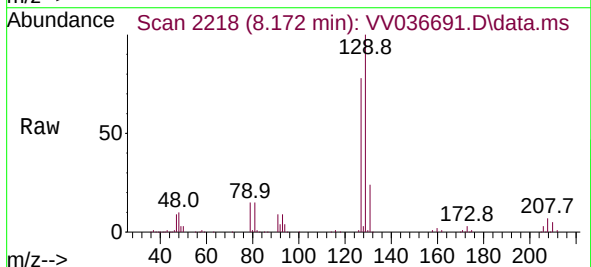


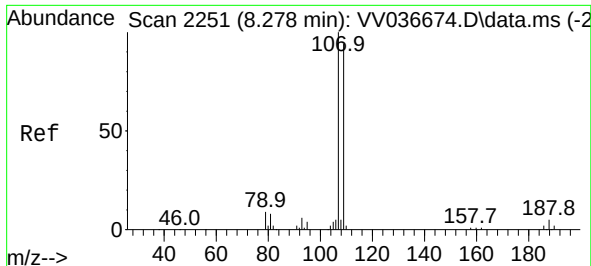
Tgt Ion:	43	Resp:	214672
Ion	Ratio	Lower	Upper
43	100		
58	63.5	51.3	76.9
57	21.9	17.6	26.4
100	18.3	15.1	22.7



#49
Dibromochloromethane
Concen: 48.067 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion:	129	Resp:	169022
Ion	Ratio	Lower	Upper
129	100		
127	78.3	52.8	98.2

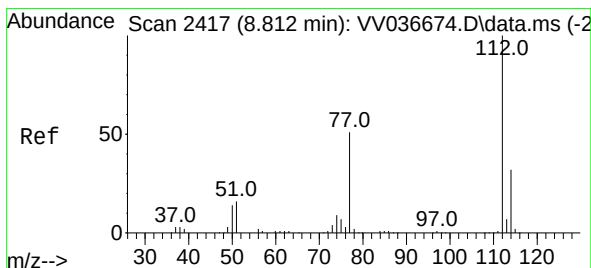
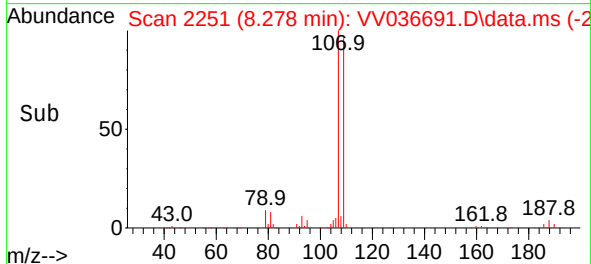
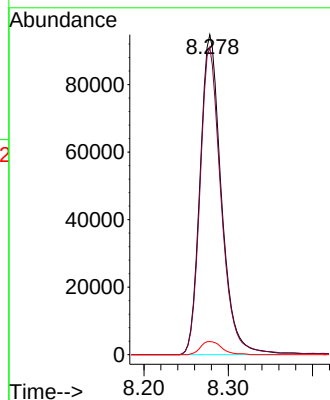
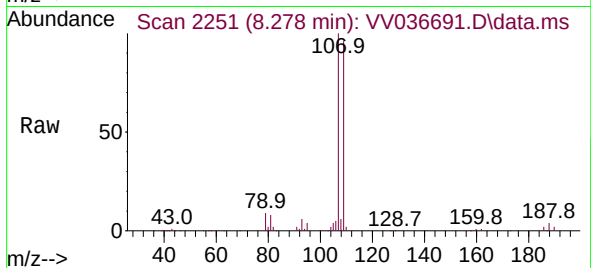




#50
1,2-Dibromoethane
Concen: 48.352 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

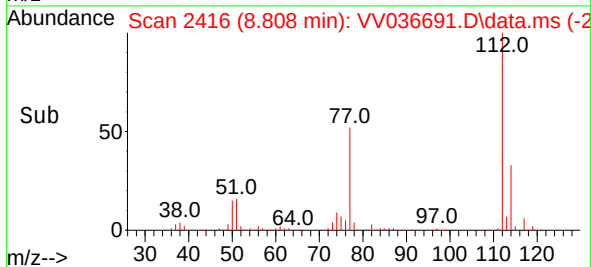
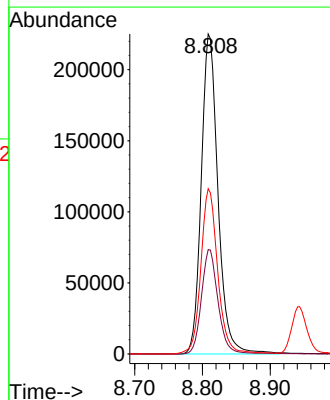
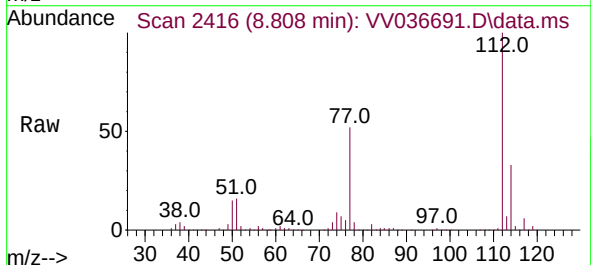
Instrument :
MSVOA_V
ClientSampleId :

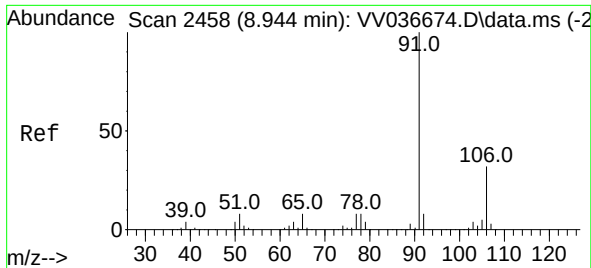
Tgt Ion:107 Resp: 166364
Ion Ratio Lower Upper
107 100
109 96.0 66.4 123.2
188 4.1 3.7 5.5



#51
Chlorobenzene
Concen: 47.231 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion:112 Resp: 385676
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 51.6 40.6 60.8

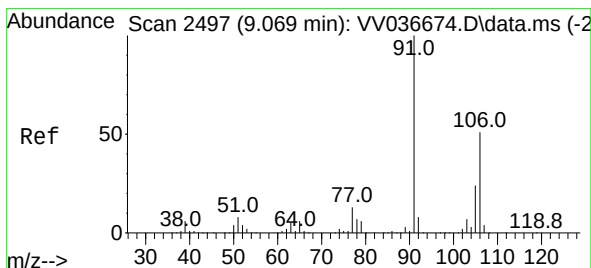
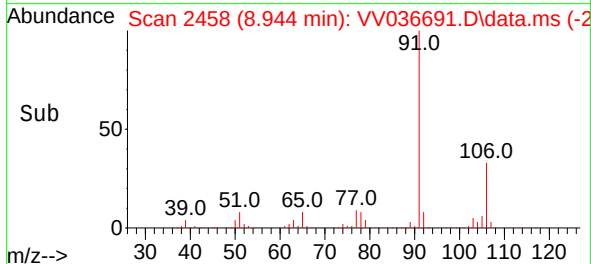
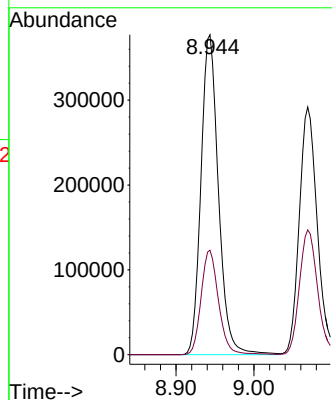
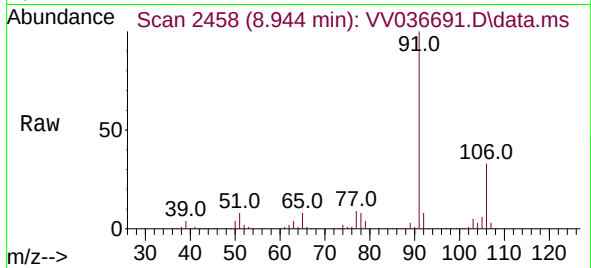




#52
Ethylbenzene
Concen: 48.954 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

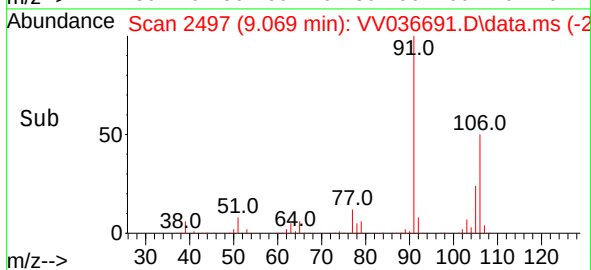
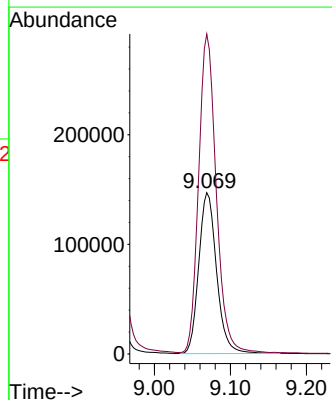
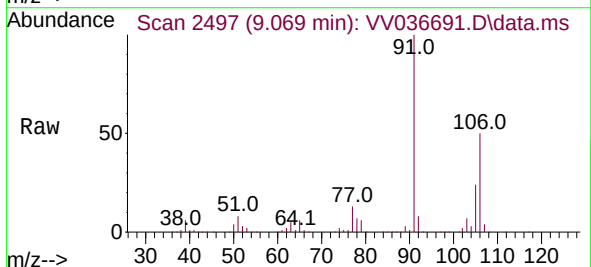
Instrument :
MSVOA_V
ClientSampleId :

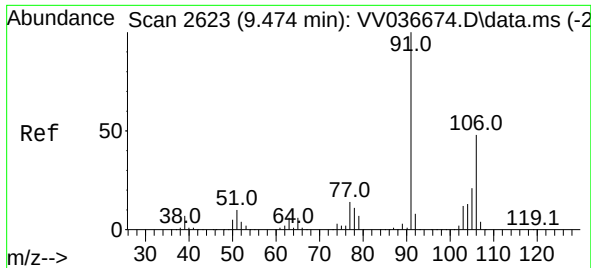
Tgt Ion: 91 Resp: 588310
Ion Ratio Lower Upper
91 100
106 32.7 22.6 42.0



#53
m,p-Xylene
Concen: 51.192 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion: 106 Resp: 239463
Ion Ratio Lower Upper
106 100
91 198.4 138.0 256.4

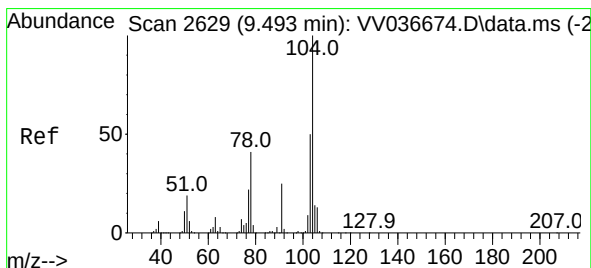
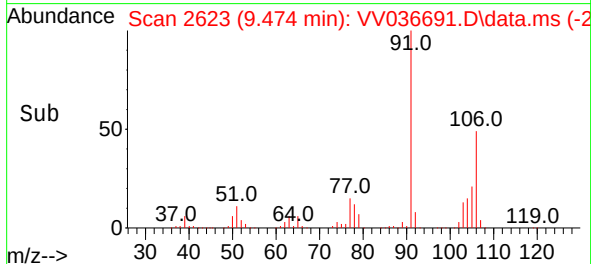
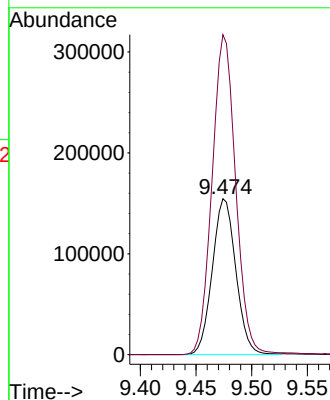
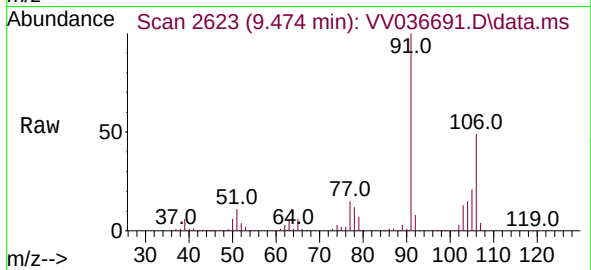




#54
o-Xylene
Concen: 50.657 ug/L
RT: 9.474 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

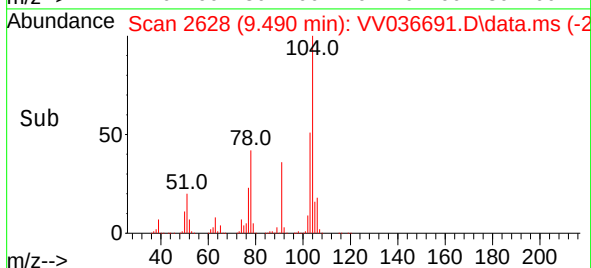
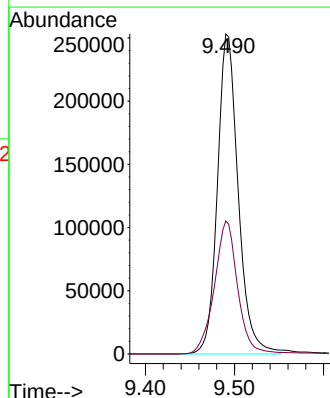
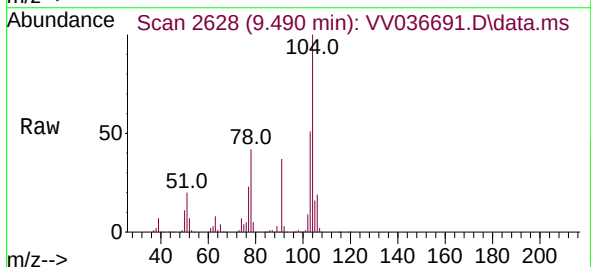
Instrument :
MSVOA_V
ClientSampleId :

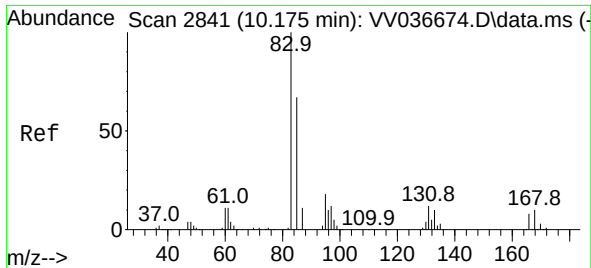
Tgt Ion:106 Resp: 227642
Ion Ratio Lower Upper
106 100
91 205.0 144.0 267.4



#55
Styrene
Concen: 52.400 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion:104 Resp: 410193
Ion Ratio Lower Upper
104 100
78 41.6 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 44.701 ug/L

RT: 10.172 min Scan# 2841

Delta R.T. -0.003 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :

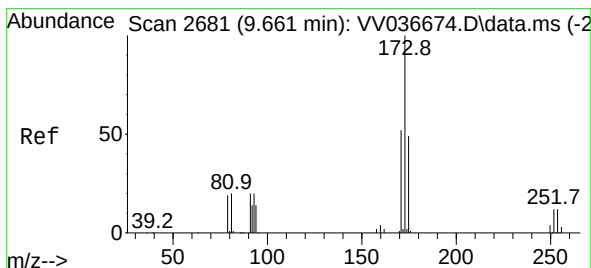
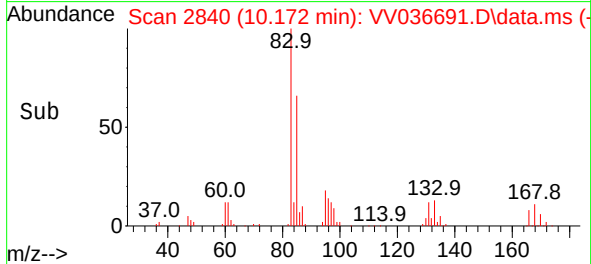
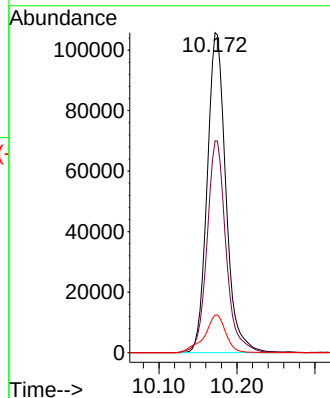
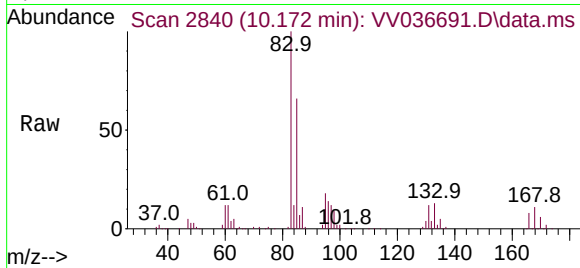
Tgt Ion: 83 Resp: 175929

Ion Ratio Lower Upper

83 100

85 66.2 44.7 83.1

131 11.8 9.4 14.2



#59

Bromoform

Concen: 46.660 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

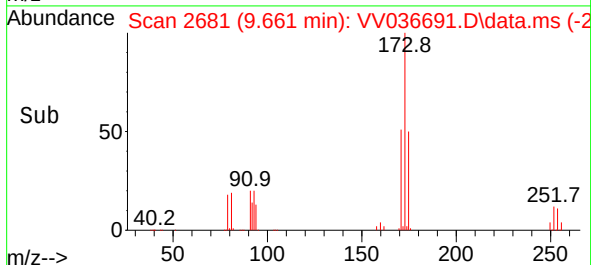
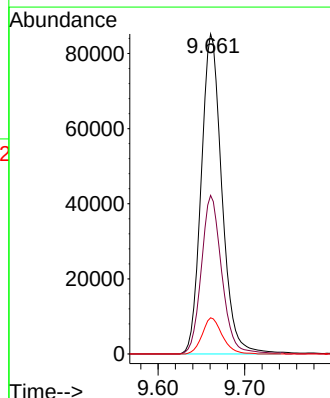
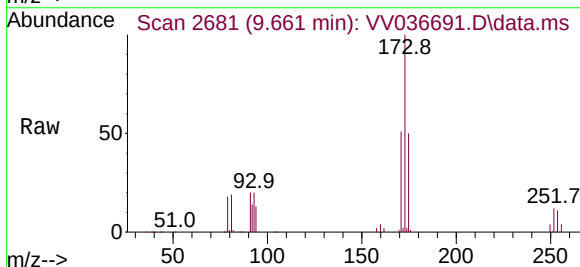
Tgt Ion: 173 Resp: 141432

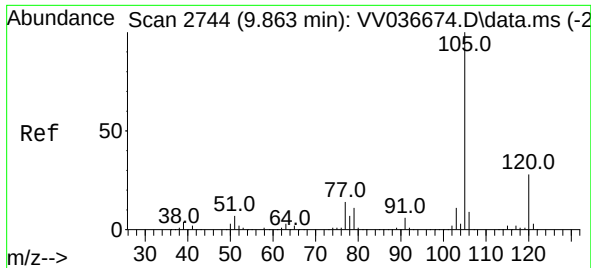
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

254 11.0 9.2 13.8

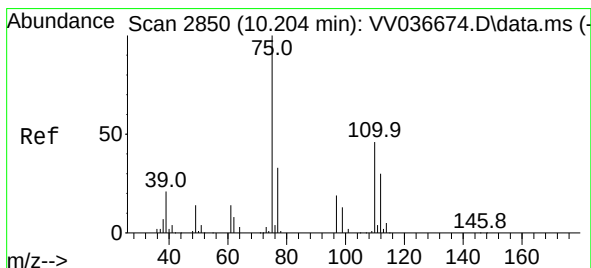
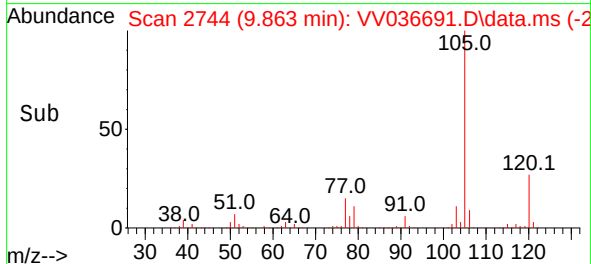
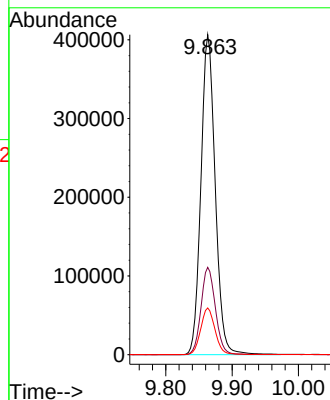
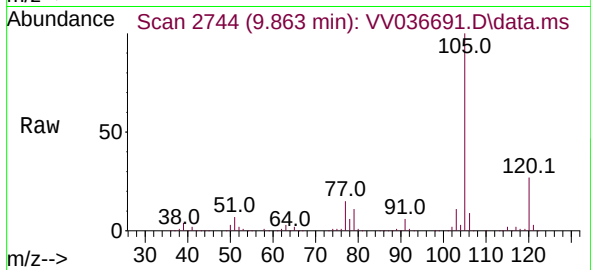




#60
Isopropylbenzene
Concen: 49.229 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

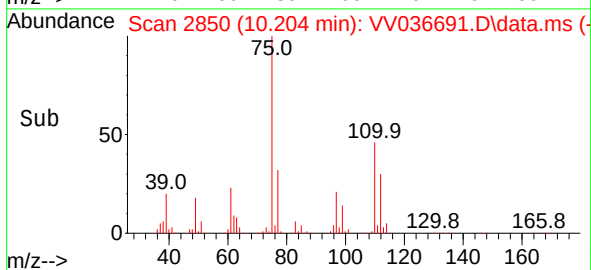
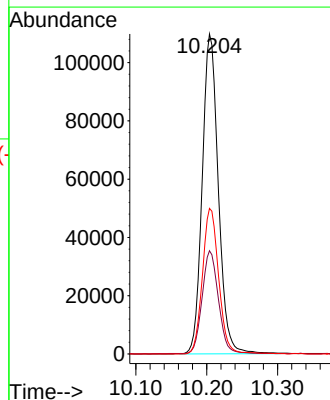
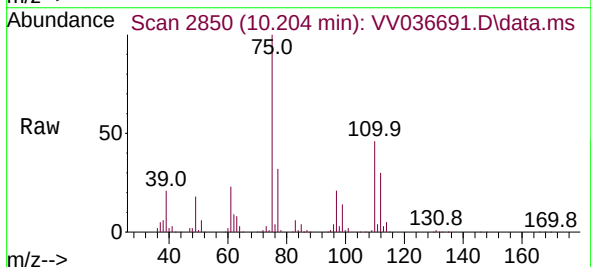
Instrument :
MSVOA_V
ClientSampleId :

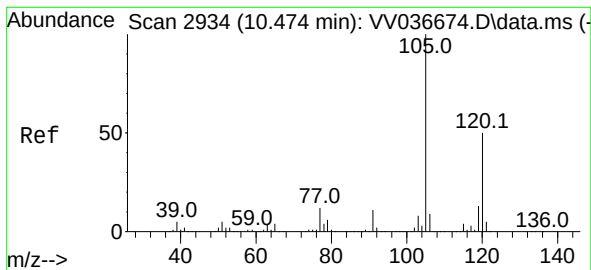
Tgt Ion:105 Resp: 608753
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 14.6 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 46.887 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion: 75 Resp: 173302
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
110 45.8 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 49.555 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

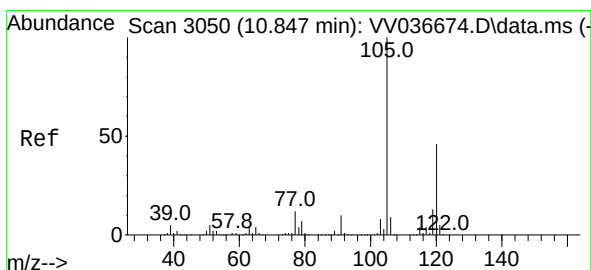
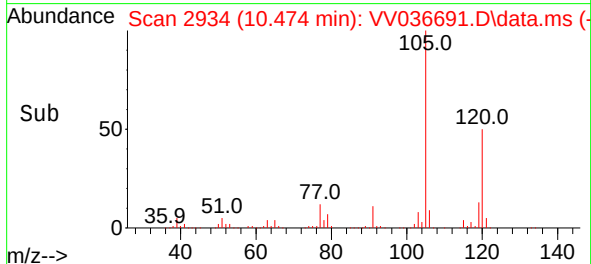
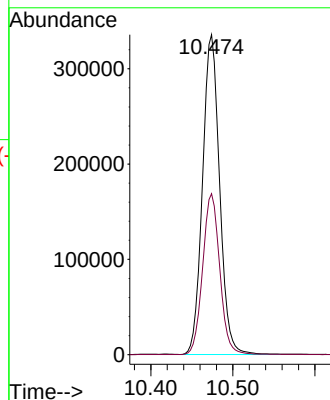
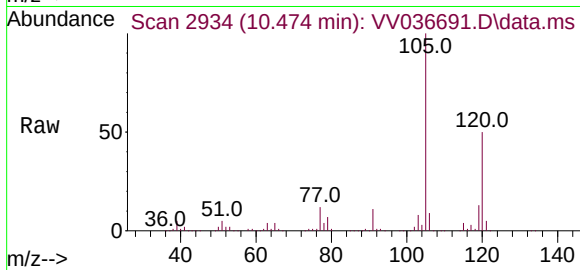
ClientSampleId :

Tgt Ion:105 Resp: 485816

Ion Ratio Lower Upper

105 100

120 50.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 50.273 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV036691.D

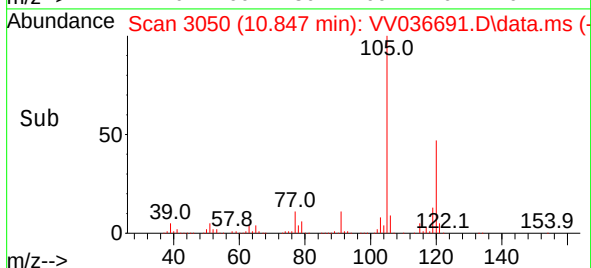
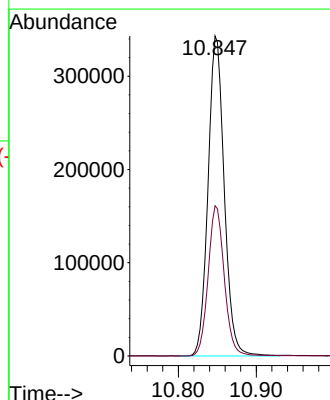
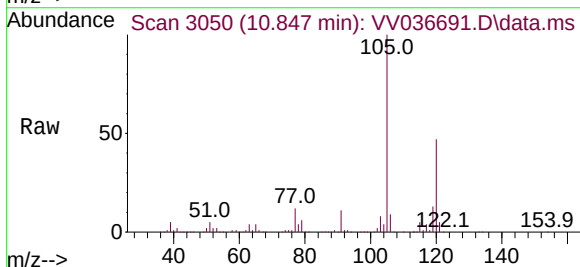
Acq: 25 Jul 2024 03:23

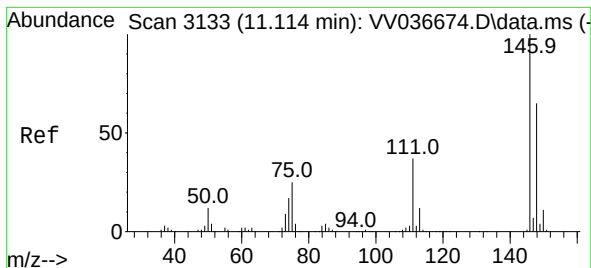
Tgt Ion:105 Resp: 494844

Ion Ratio Lower Upper

105 100

120 47.0 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 46.401 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :

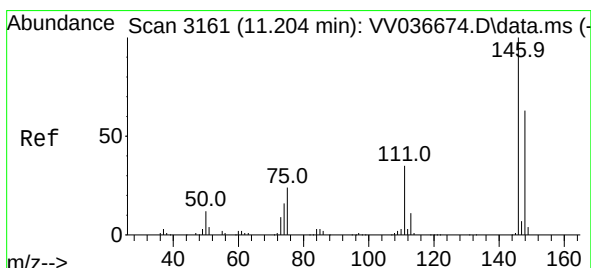
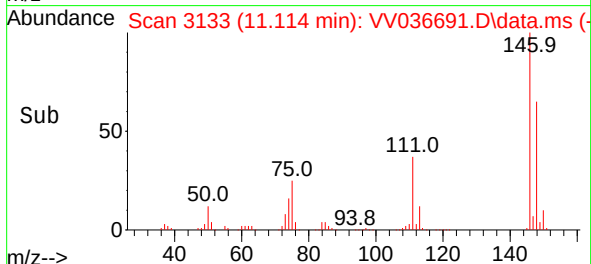
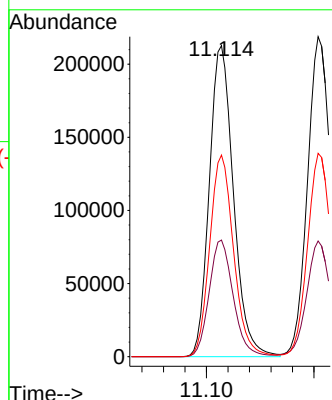
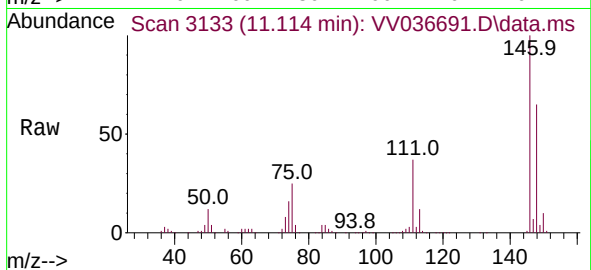
Tgt Ion:146 Resp: 331742

Ion Ratio Lower Upper

146 100

111 37.5 25.7 47.7

148 64.8 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 45.760 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

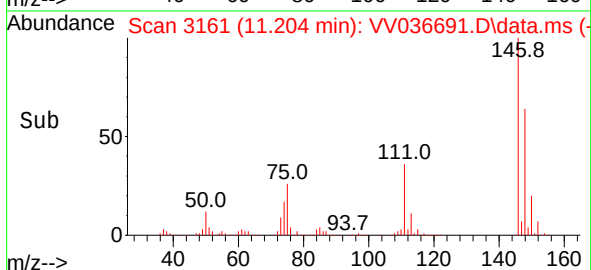
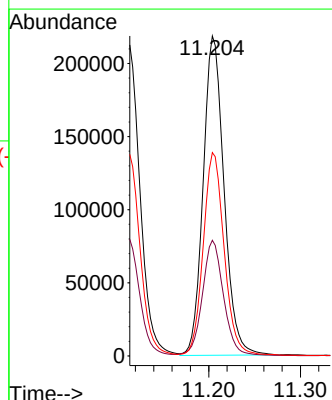
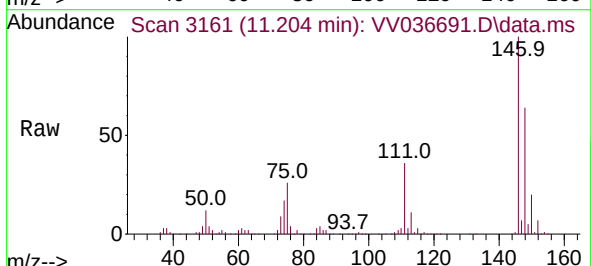
Tgt Ion:146 Resp: 344700

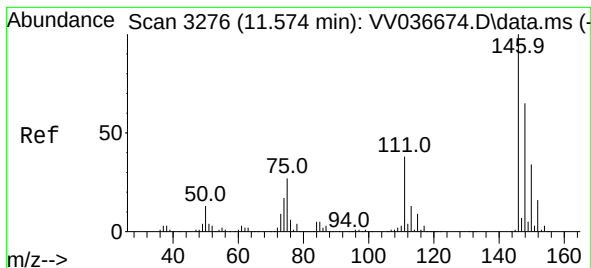
Ion Ratio Lower Upper

146 100

111 36.2 24.6 45.8

148 63.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 47.266 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :

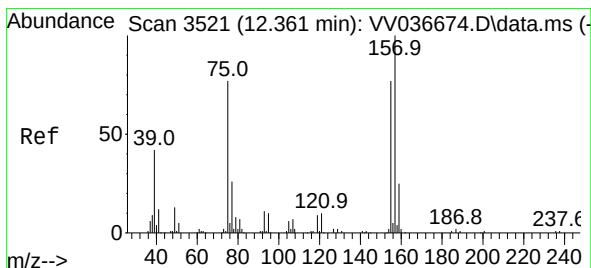
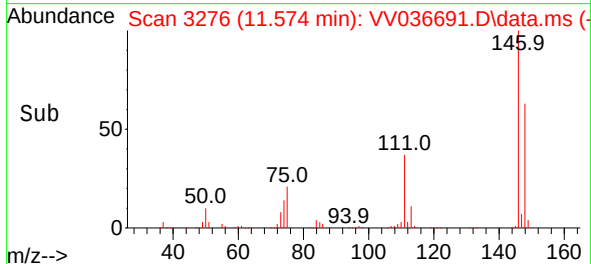
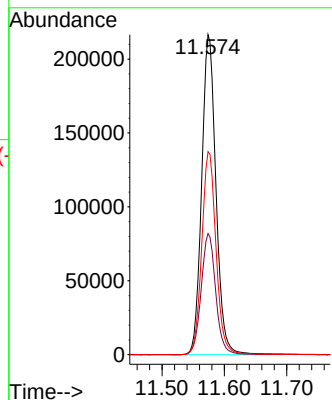
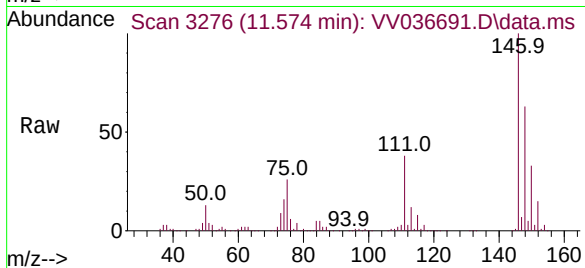
Tgt Ion:146 Resp: 344824

Ion Ratio Lower Upper

146 100

111 37.8 30.9 46.3

148 63.5 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 44.845 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

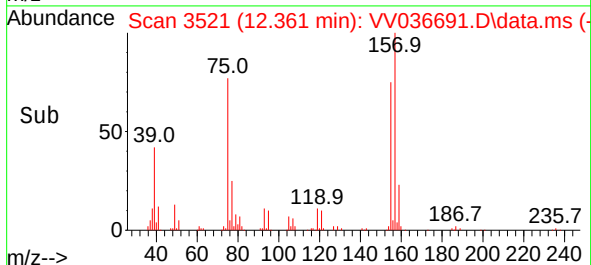
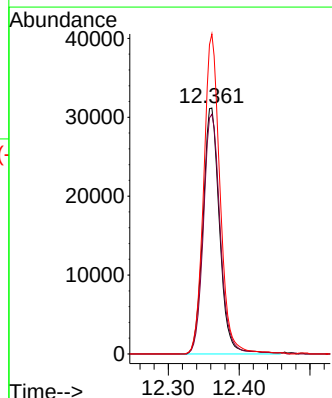
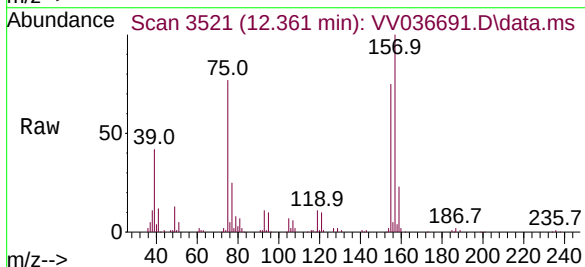
Tgt Ion: 75 Resp: 50678

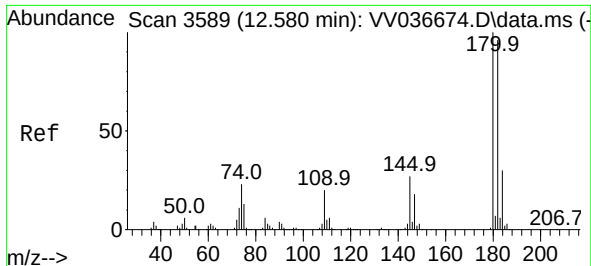
Ion Ratio Lower Upper

75 100

155 97.4 83.7 125.5

157 130.1 105.9 158.9





#69

1,3,5-Trichlorobenzene

Concen: 44.681 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

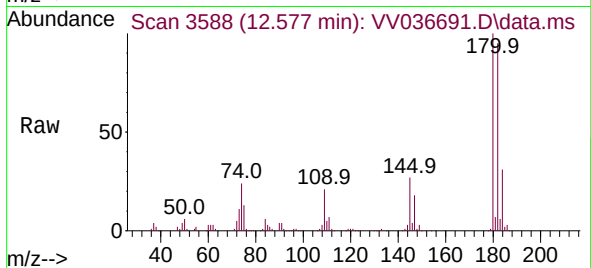
Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 242490

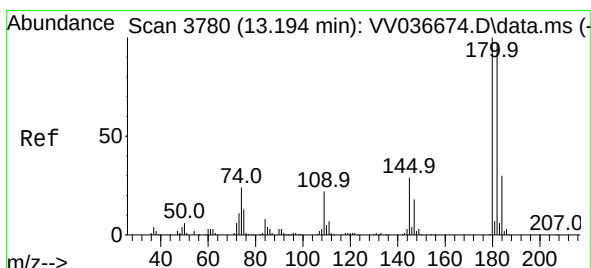
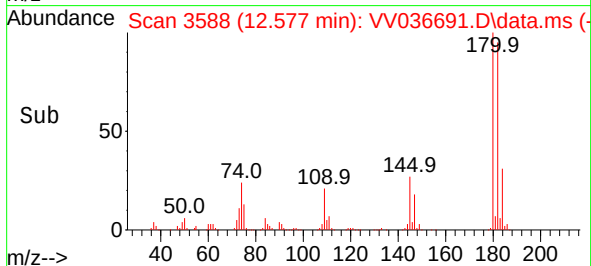
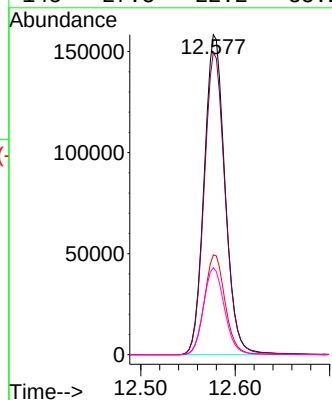
Ion Ratio Lower Upper

180 100

182 95.3 77.3 115.9

184 31.1 24.2 36.4

145 27.3 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 43.590 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036691.D

Acq: 25 Jul 2024 03:23

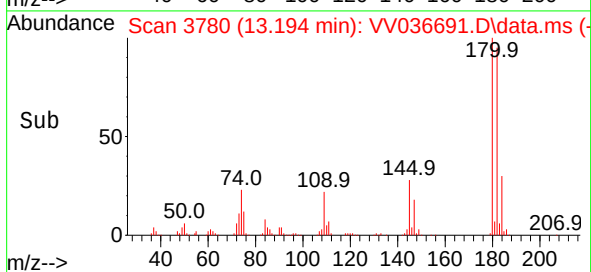
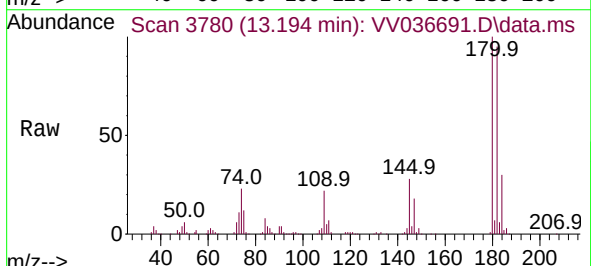
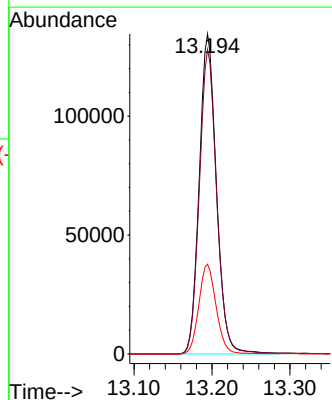
Tgt Ion:180 Resp: 206244

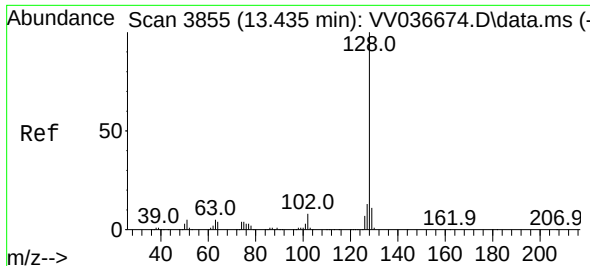
Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

145 28.2 22.9 34.3

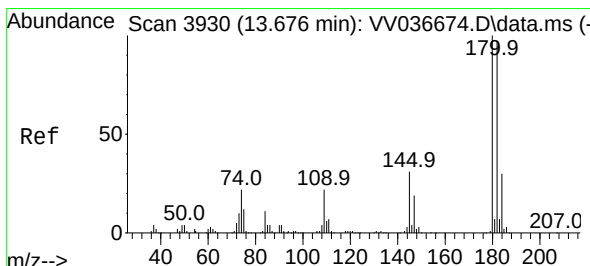
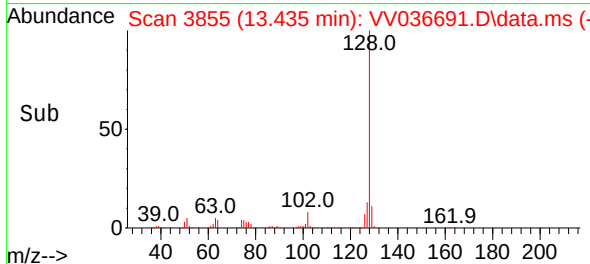
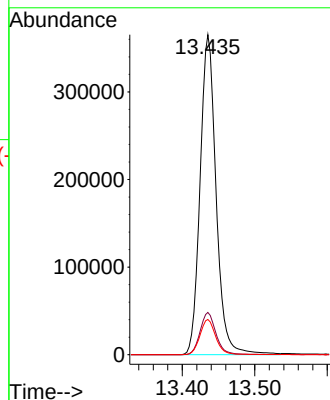
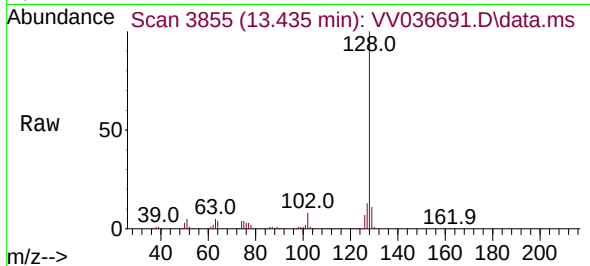




#71
Naphthalene
Concen: 44.201 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 560555
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.884 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV036691.D
Acq: 25 Jul 2024 03:23

Tgt Ion:180 Resp: 236665
Ion Ratio Lower Upper
180 100
182 93.9 76.4 114.6
145 29.9 23.9 35.9

