

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036795.D
 Acq On : 05 Aug 2024 18:16
 Operator : SY/MD
 Sample : P3437-07MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:13:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	485017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	450461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	223824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	184914	47.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.460%
7) Chloroethane-d5	1.532	69	148010	48.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.900%
11) 1,1-Dichloroethene-d2	2.056	65	79539	48.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.000%
21) 2-Butanone-d5	3.796	46	192992	94.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.030%
24) Chloroform-d	4.246	84	350684	50.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.880%
26) 1,2-Dichloroethane-d4	4.937	65	225578	50.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
32) Benzene-d6	4.953	84	703881	51.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.460%
36) 1,2-Dichloropropane-d6	5.986	67	226107	51.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.020%
41) Toluene-d8	7.239	98	643359	51.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.100%
43) trans-1,3-Dichloroprop...	7.551	79	112981	49.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.920%
47) 2-Hexanone-d5	8.024	63	129904	102.930	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	262722	52.129	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	233529	51.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	177763	45.966	ug/L	100
3) Chloromethane	1.217	50	196481	48.547	ug/L	99
5) Vinyl chloride	1.282	62	198478	47.754	ug/L	98
6) Bromomethane	1.487	94	121785	46.540	ug/L	100
8) Chloroethane	1.548	64	120760	46.906	ug/L	97
9) Trichlorofluoromethane	1.712	101	244265	44.868	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	137686	42.921	ug/L	99
12) 1,1-Dichloroethene	2.069	96	140180	45.754	ug/L	98
13) Acetone	2.114	43	126695	73.776	ug/L	98
14) Carbon disulfide	2.236	76	428275	44.500	ug/L	99
15) Methyl Acetate	2.372	43	138542	39.162	ug/L	100
16) Methylene chloride	2.442	84	160043	46.465	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	145884	45.968	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	509493	45.583	ug/L	99
19) 1,1-Dichloroethane	3.105	63	297078	46.334	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	175061	46.998	ug/L	98
22) 2-Butanone	3.880	43	190798	82.936	ug/L	99
23) Bromochloromethane	4.143	128	85419	47.208	ug/L	99
25) Chloroform	4.272	83	314636	47.777	ug/L	100

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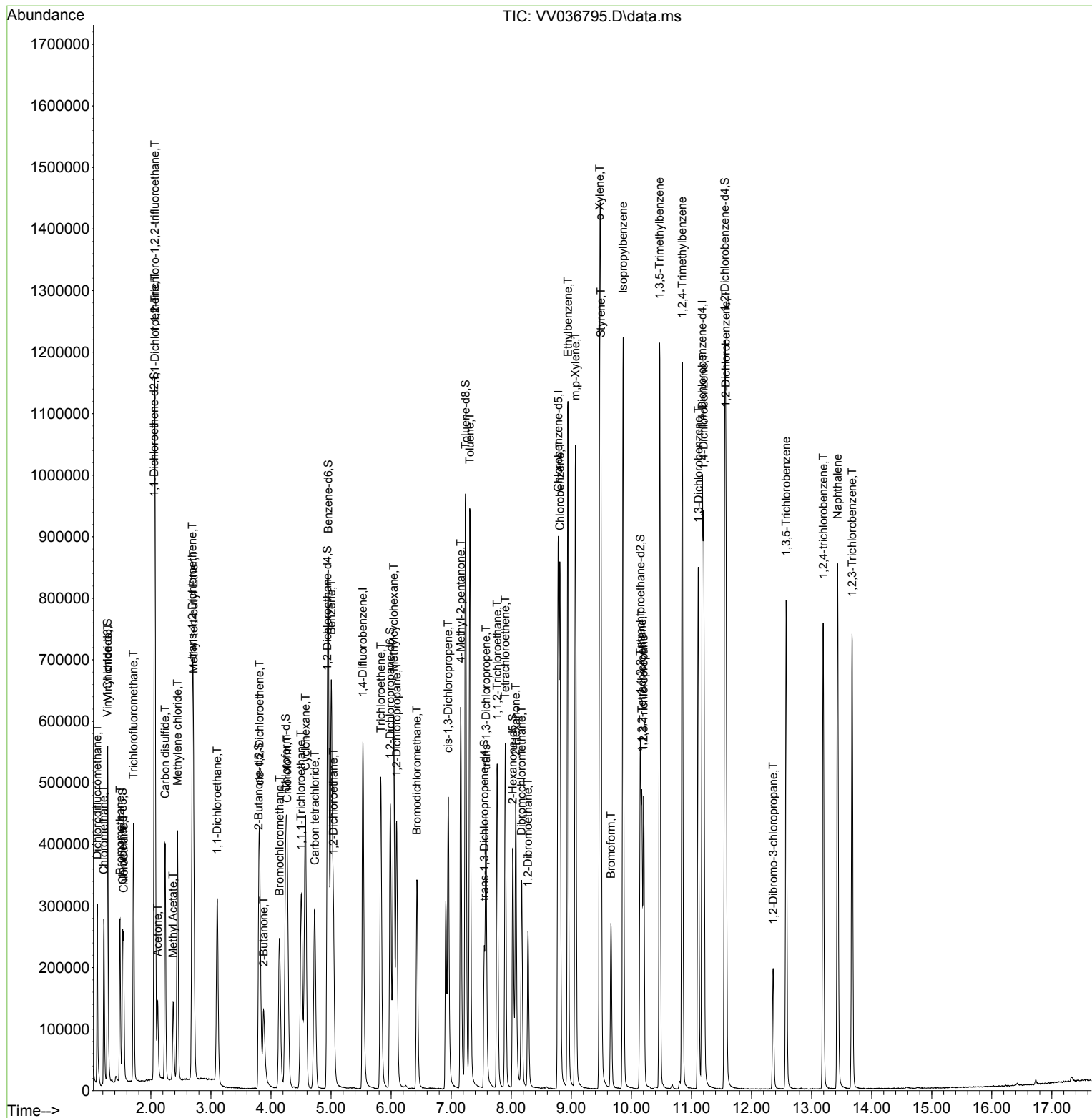
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	241054	46.405	ug/L	98
29) Cyclohexane	4.574	56	262001	45.649	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	265785	46.832	ug/L	99
31) Carbon tetrachloride	4.728	117	220851	46.337	ug/L	99
33) Benzene	5.005	78	662346	49.160	ug/L	100
34) Trichloroethene	5.828	95	179485	45.965	ug/L	99
35) Methylcyclohexane	6.043	83	262110	43.745	ug/L	100
37) 1,2-Dichloropropane	6.092	63	177452	49.718	ug/L	100
38) Bromodichloromethane	6.429	83	231723	47.146	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	282291	46.181	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	409755	92.676	ug/L	99
42) Toluene	7.310	91	682992	47.592	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	259730	45.598	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	163850	47.404	ug/L	99
46) Tetrachloroethene	7.902	164	118331	46.200	ug/L	98
48) 2-Hexanone	8.075	43	291952	89.757	ug/L	99
49) Dibromochloromethane	8.172	129	168631	47.475	ug/L	97
50) 1,2-Dibromoethane	8.278	107	171452	47.808	ug/L	97
51) Chlorobenzene	8.812	112	438407	47.612	ug/L	99
52) Ethylbenzene	8.944	91	780783	47.649	ug/L	99
53) m,p-Xylene	9.069	106	287279	46.903	ug/L	97
54) o-Xylene	9.474	106	287878	48.055	ug/L	99
55) Styrene	9.493	104	486840	47.421	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	226616	48.589	ug/L	100
59) Bromoform	9.661	173	114439	46.217	ug/L	98
60) Isopropylbenzene	9.863	105	761603	46.739	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	186138	46.197	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	631142	46.523	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	635239	46.777	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	325817	46.497	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	337274	47.332	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	325883	47.619	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	51058	43.851	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	224975	45.242	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	211288	44.302	ug/L	99
71) Naphthalene	13.432	128	672479	43.970	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	208307	44.620	ug/L	100

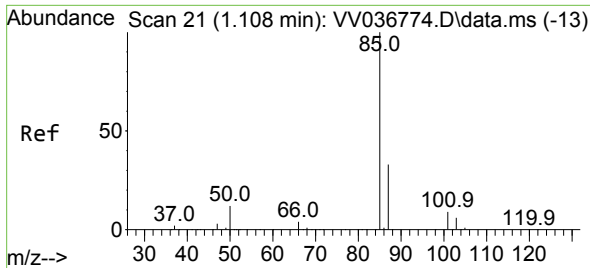
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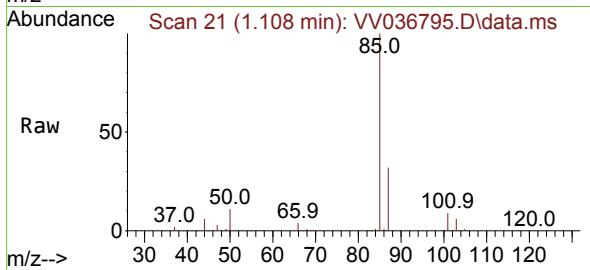
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
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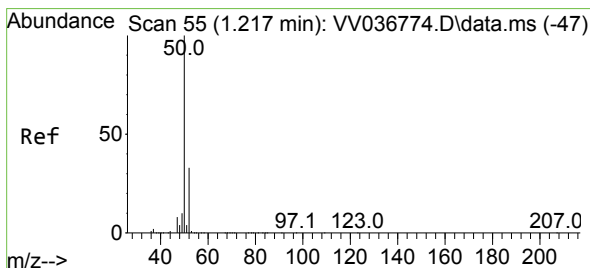
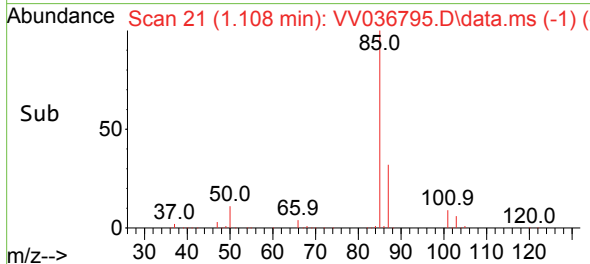
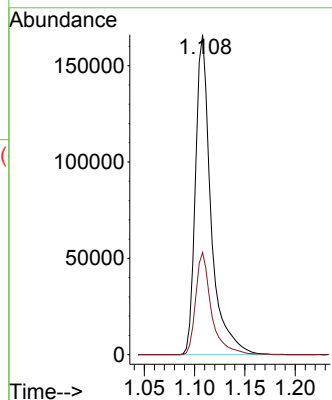


#2
 Dichlorodifluoromethane
 Concen: 45.966 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16

Instrument :
 MSVOA_V
 ClientSampleId :

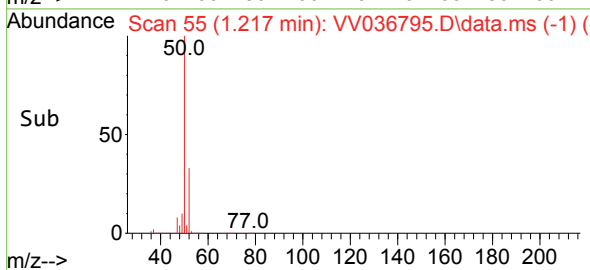
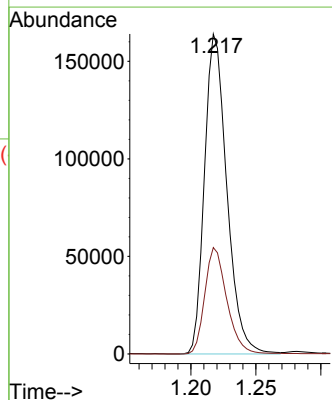
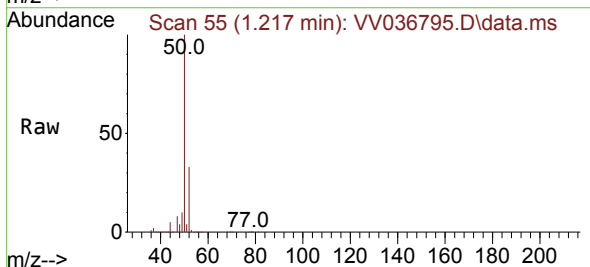


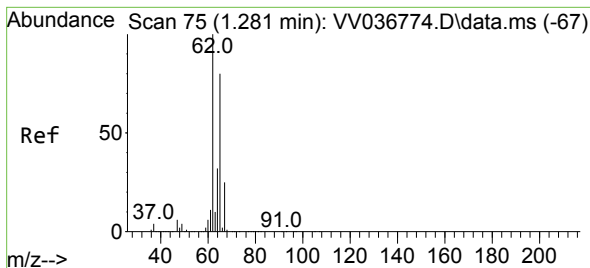
Tgt Ion: 85 Resp: 177763
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 48.547 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16

Tgt Ion: 50 Resp: 196481
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8





#5

Vinyl chloride

Concen: 47.754 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

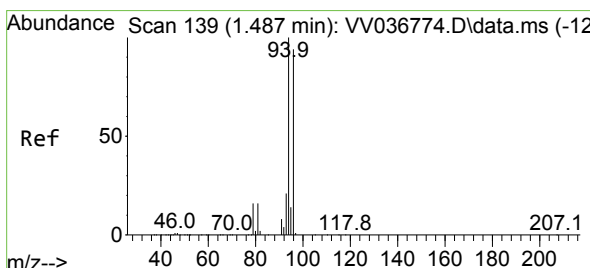
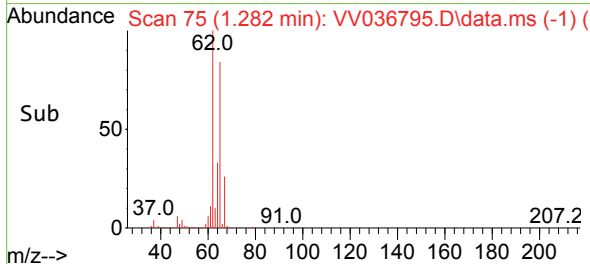
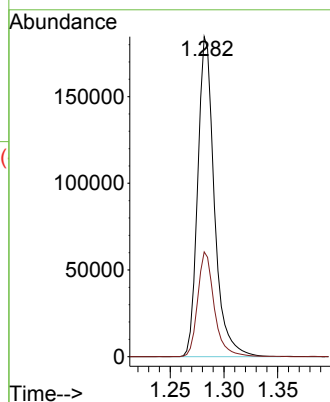
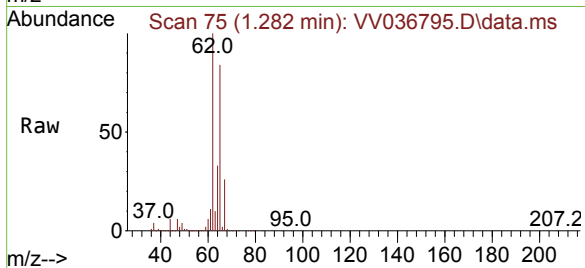
ClientSampleId :

Tgt Ion: 62 Resp: 198478

Ion Ratio Lower Upper

62 100

64 32.8 23.6 43.8



#6

Bromomethane

Concen: 46.540 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV036795.D

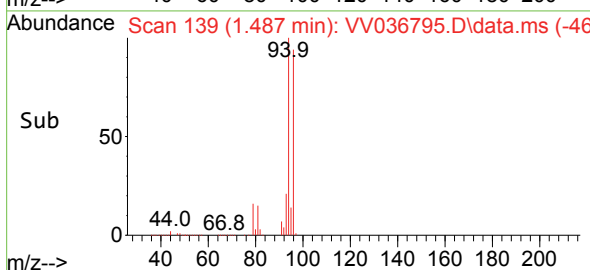
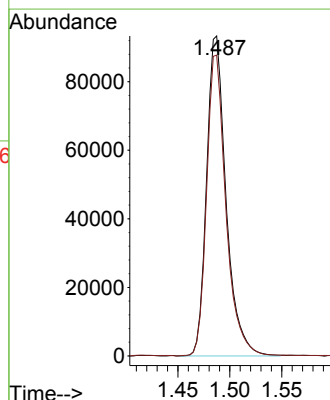
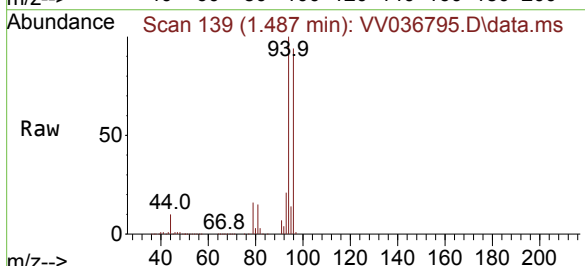
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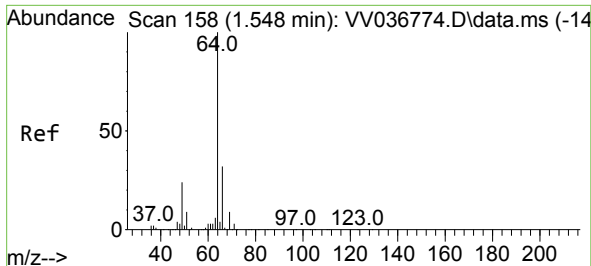
Tgt Ion: 94 Resp: 121785

Ion Ratio Lower Upper

94 100

96 94.0 65.5 121.7

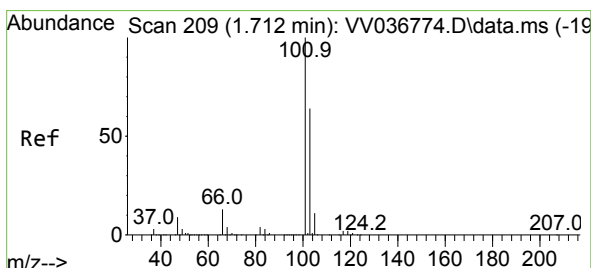
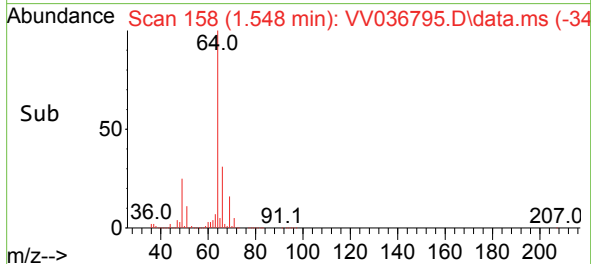
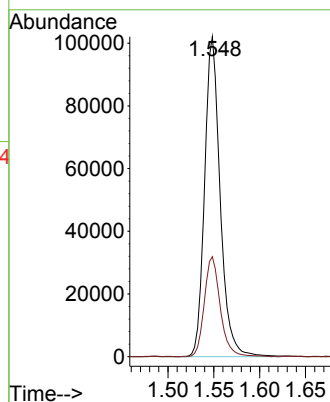
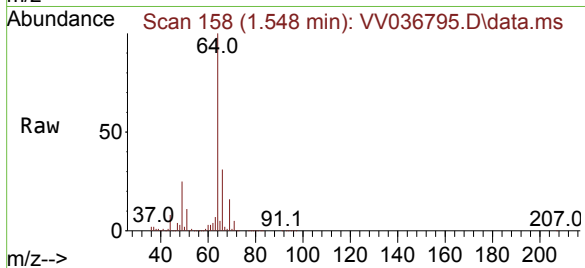




#8
Chloroethane
Concen: 46.906 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

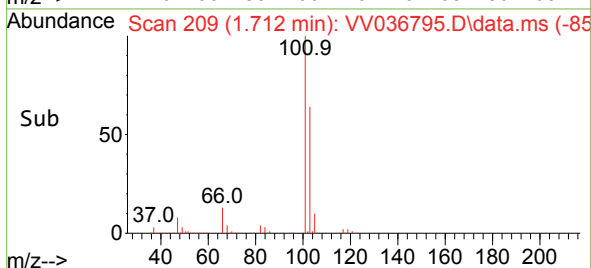
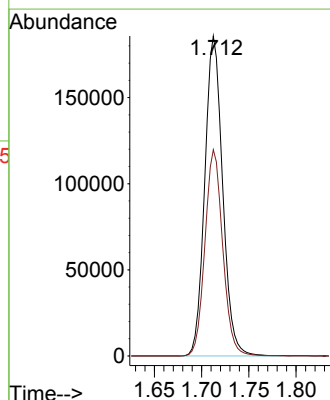
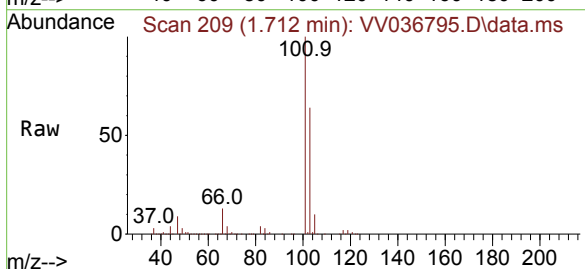
Instrument :
MSVOA_V
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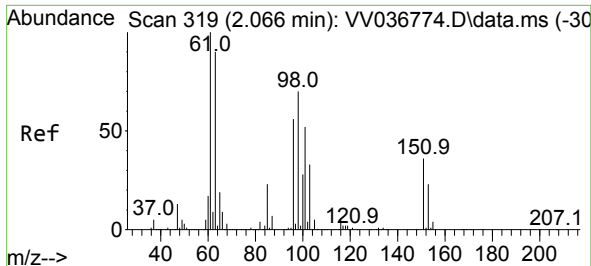
Tgt Ion: 64 Resp: 120760
Ion Ratio Lower Upper
64 100
66 31.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 44.868 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

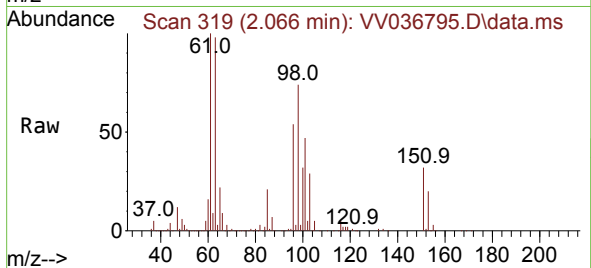
Tgt Ion:101 Resp: 244265
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0



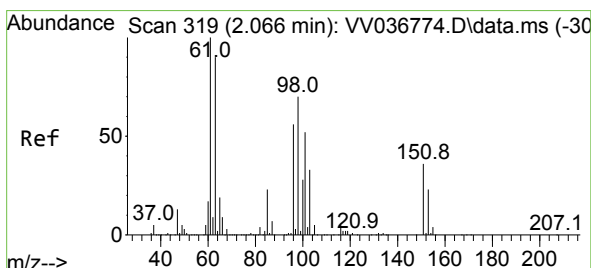
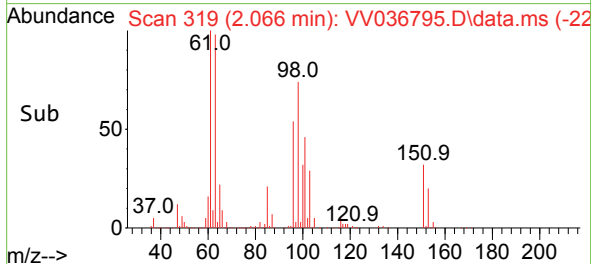
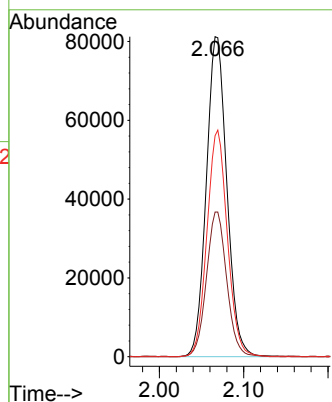


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.921 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16

Instrument :
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 ClientSampleId :

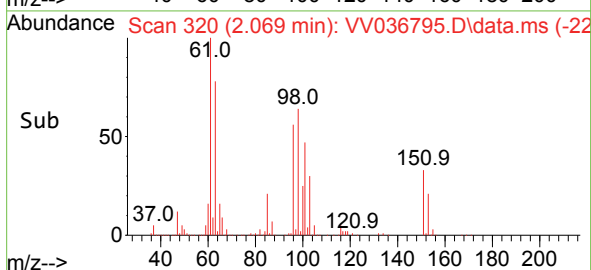
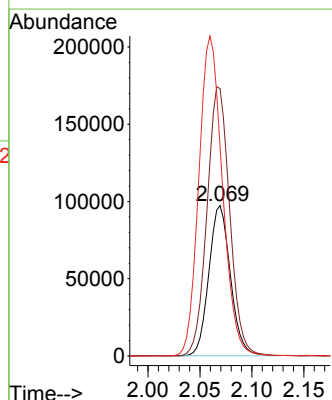
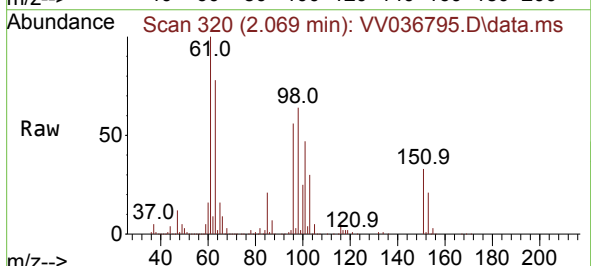


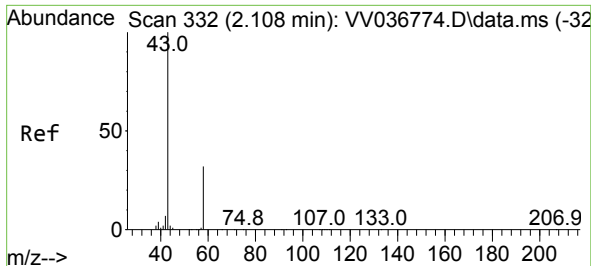
Tgt Ion:101 Resp: 137686
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.6 51.8
 151 70.3 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 45.754 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16

Tgt Ion: 96 Resp: 140180
 Ion Ratio Lower Upper
 96 100
 61 177.7 125.6 233.2
 63 139.3 95.1 176.7





#13

Acetone

Concen: 73.776 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

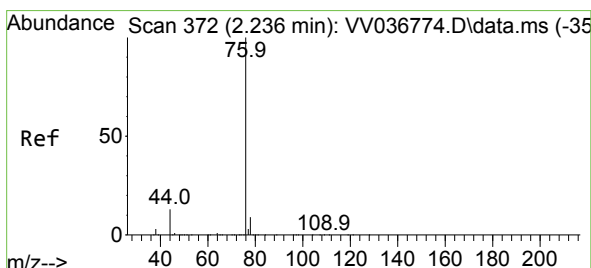
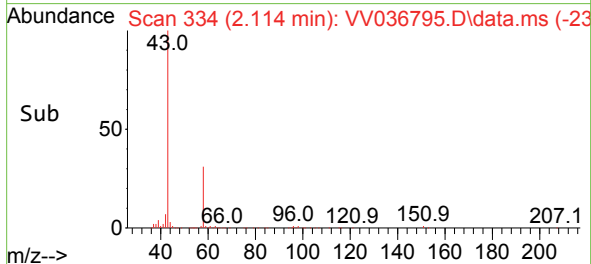
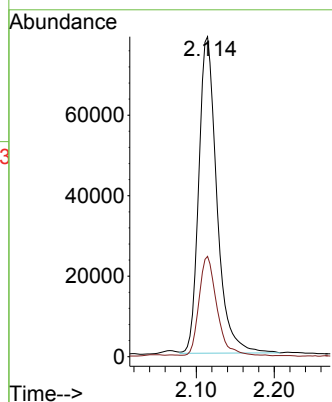
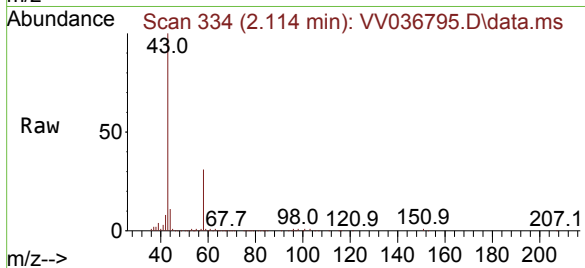
ClientSampleId :

Tgt Ion: 43 Resp: 126695

Ion Ratio Lower Upper

43 100

58 30.8 0.0 63.4



#14

Carbon disulfide

Concen: 44.500 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

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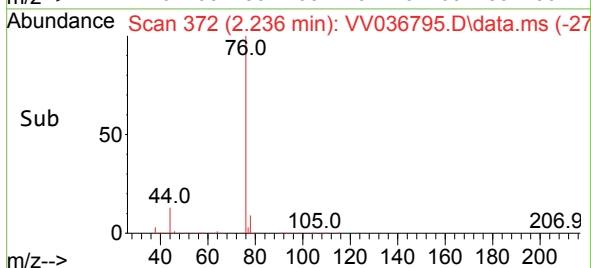
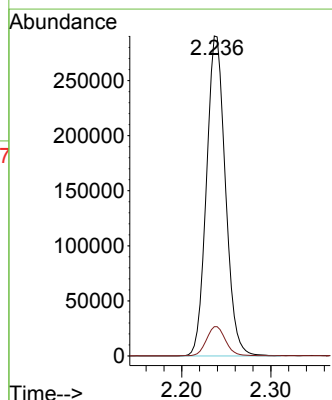
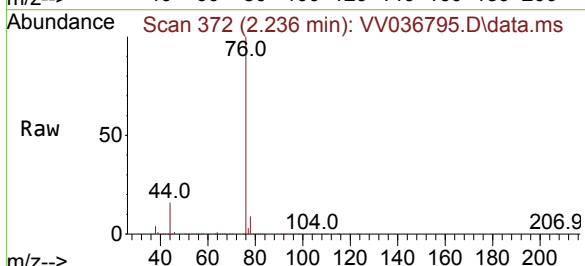
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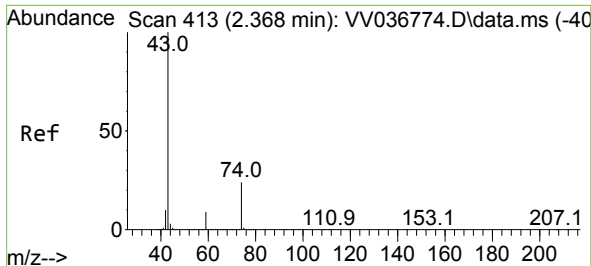
Tgt Ion: 76 Resp: 428275

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

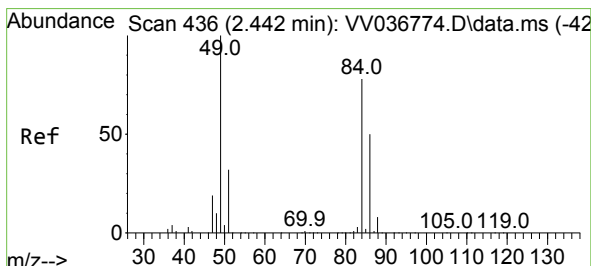
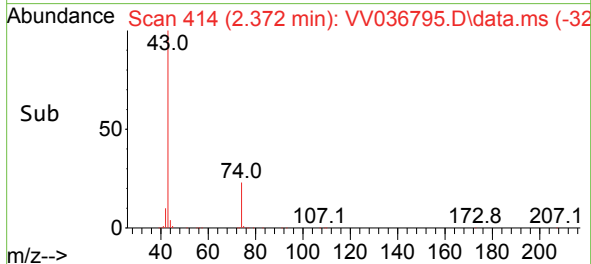
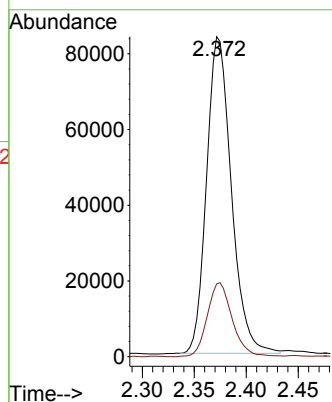
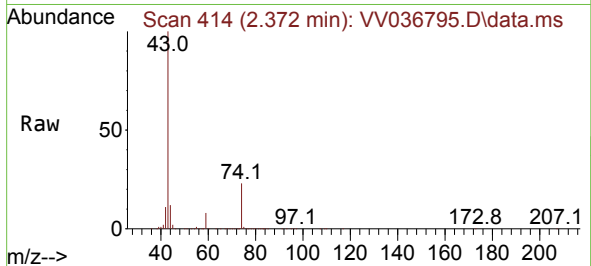




#15
Methyl Acetate
Concen: 39.162 ug/L
RT: 2.372 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

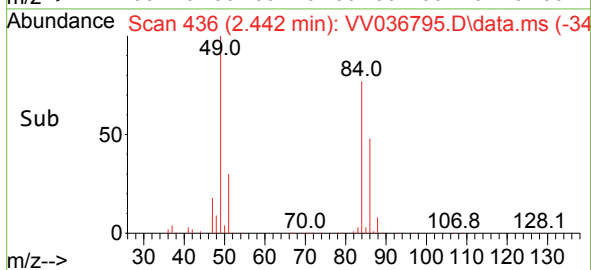
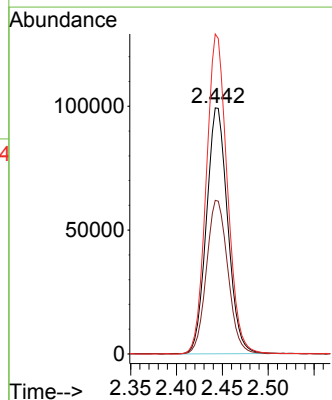
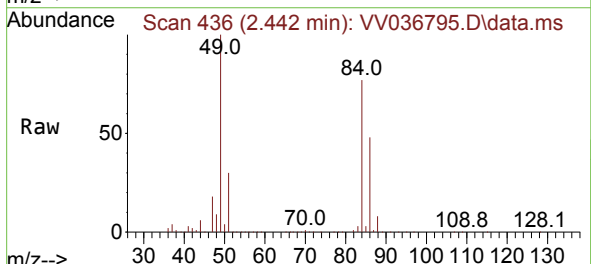
Instrument :
MSVOA_V
ClientSampleId :

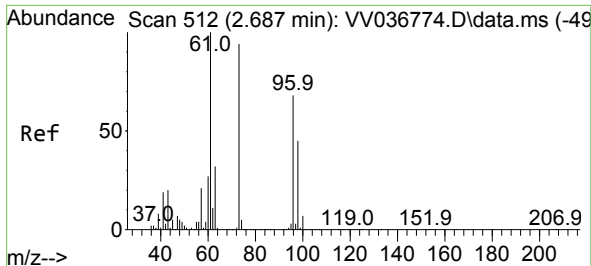
Tgt Ion: 43 Resp: 138542
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.4



#16
Methylene chloride
Concen: 46.465 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

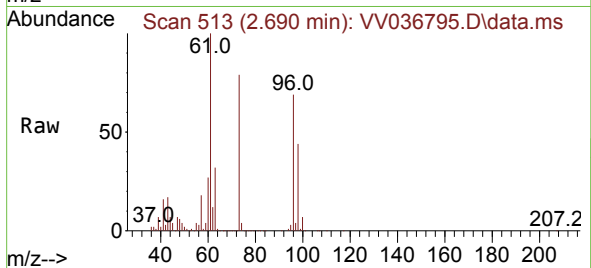
Tgt Ion: 84 Resp: 160043
Ion Ratio Lower Upper
84 100
86 62.4 44.3 82.3
49 130.1 91.1 169.1



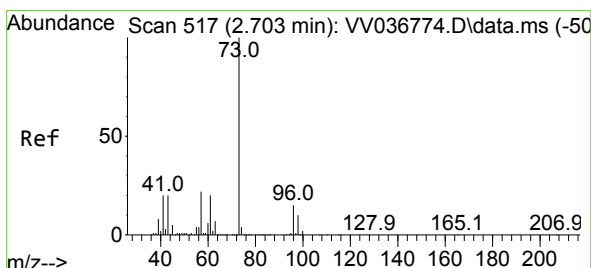
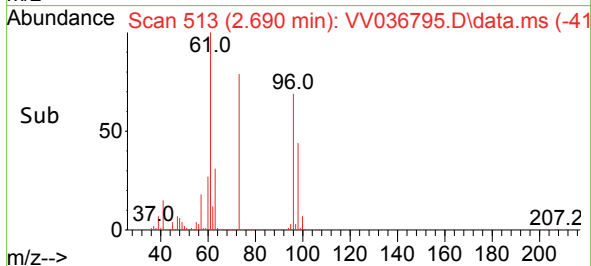
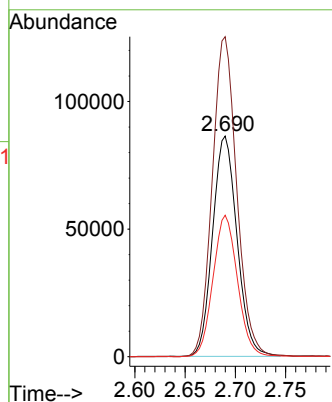


#17
trans-1,2-Dichloroethene
Concen: 45.968 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

Instrument :
MSVOA_V
ClientSampleId :

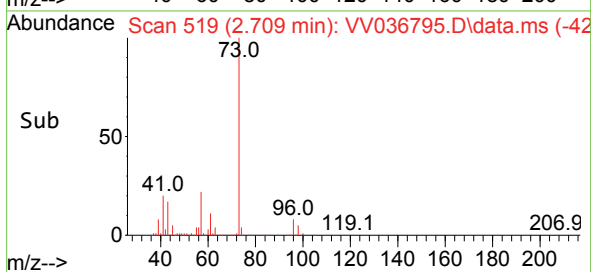
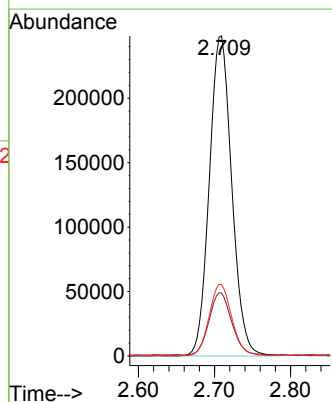
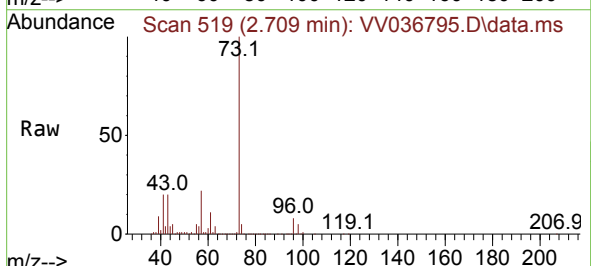


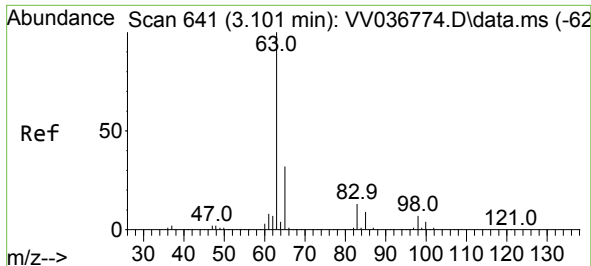
Tgt Ion: 96 Resp: 145884
Ion Ratio Lower Upper
96 100
61 145.0 100.0 185.8
98 64.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 45.583 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

Tgt Ion: 73 Resp: 509493
Ion Ratio Lower Upper
73 100
43 19.6 16.1 24.1
57 22.3 17.9 26.9





#19

1,1-Dichloroethane

Concen: 46.334 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

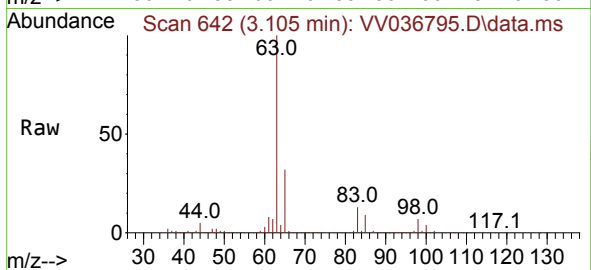
Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :



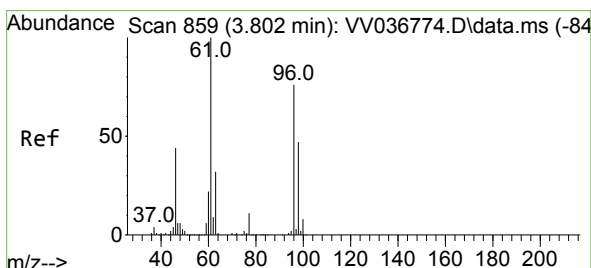
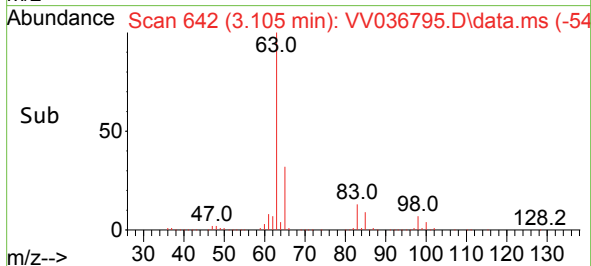
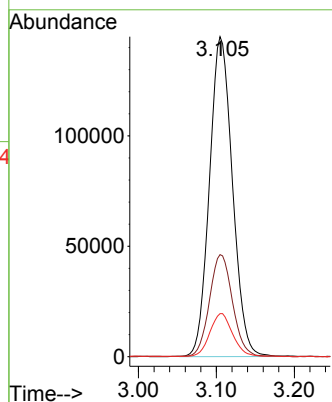
Tgt Ion: 63 Resp: 297078

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.0

83 13.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 46.998 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.007 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

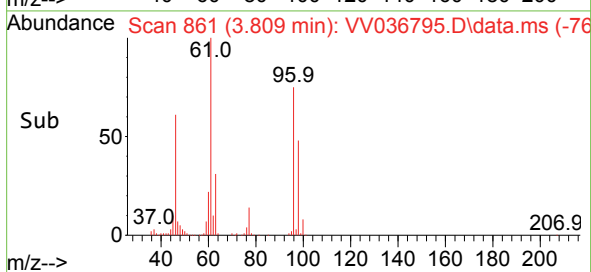
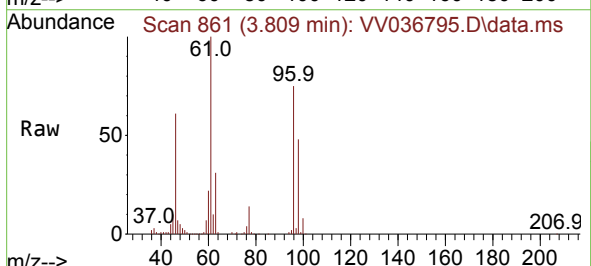
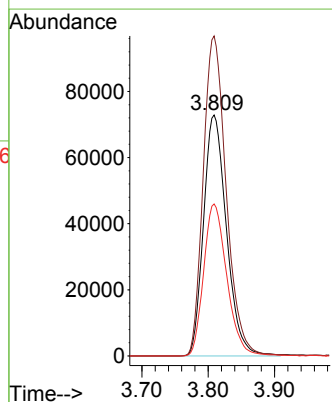
Tgt Ion: 96 Resp: 175061

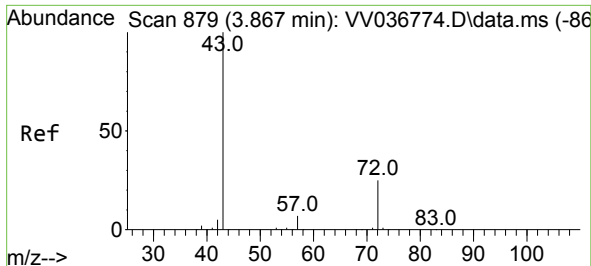
Ion Ratio Lower Upper

96 100

61 132.8 93.9 174.5

98 63.1 46.0 85.4

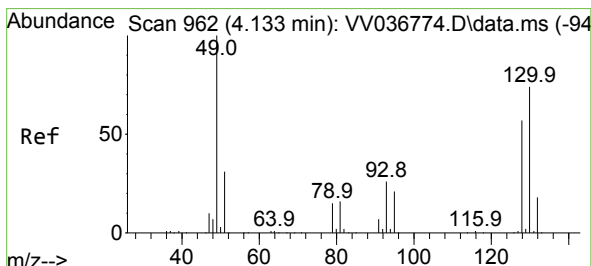
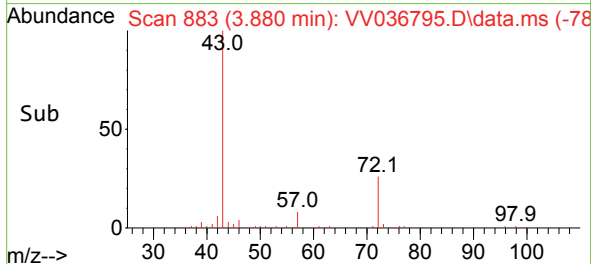
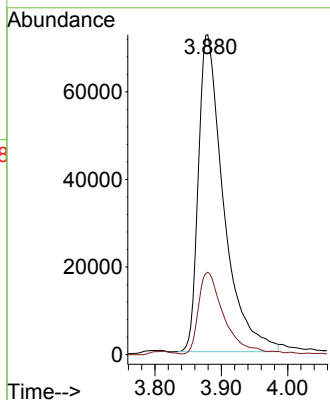
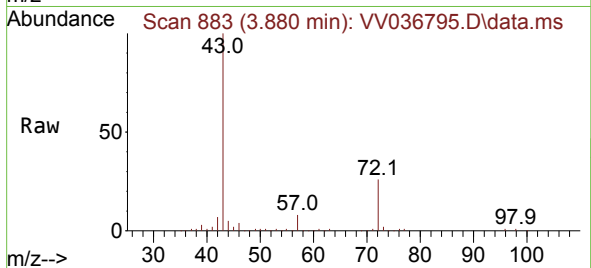




#22
2-Butanone
Concen: 82.936 ug/L
RT: 3.880 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

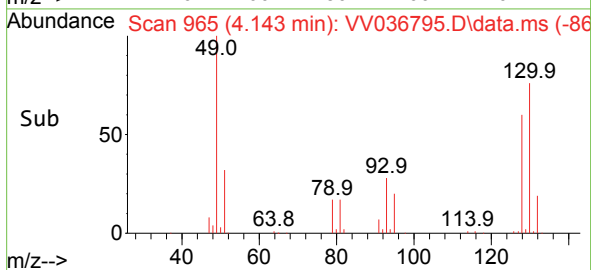
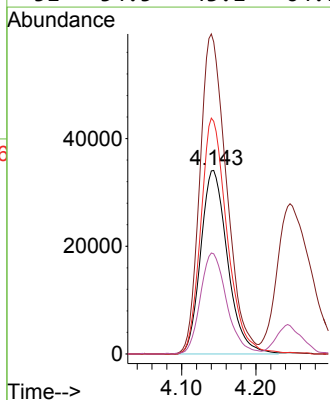
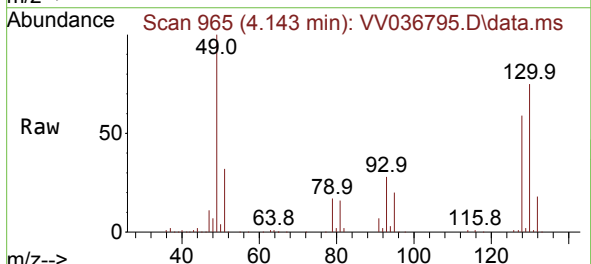
Instrument :
MSVOA_V
ClientSampleId :

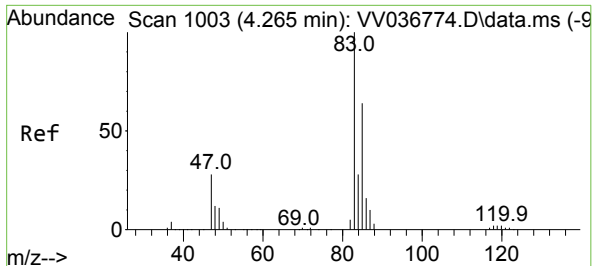
Tgt Ion: 43 Resp: 190798
Ion Ratio Lower Upper
43 100
72 25.7 12.5 37.5



#23
Bromochloromethane
Concen: 47.208 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.010 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

Tgt Ion:128 Resp: 85419
Ion Ratio Lower Upper
128 100
49 170.0 120.0 223.0
130 126.8 87.0 161.6
51 54.5 43.1 64.7

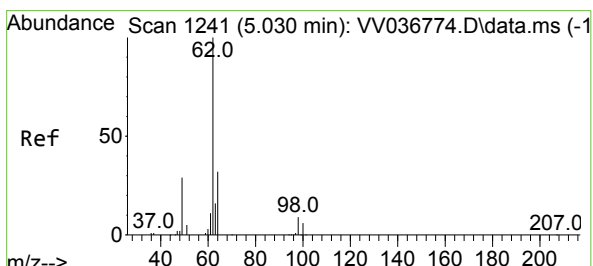
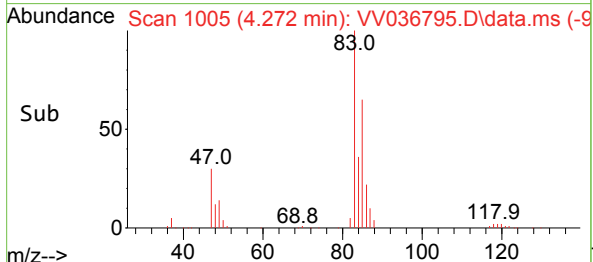
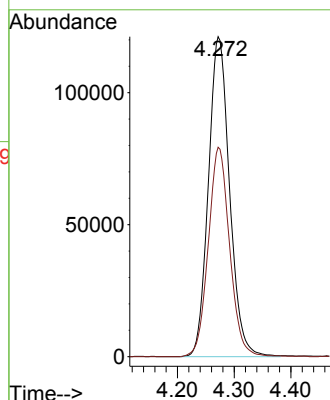
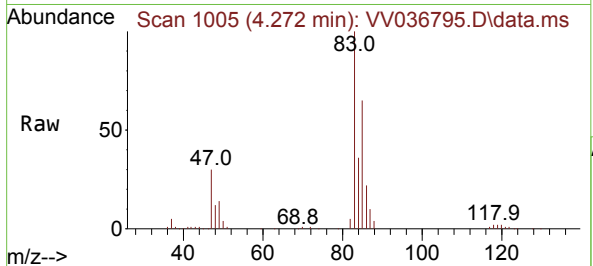




#25
Chloroform
Concen: 47.777 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

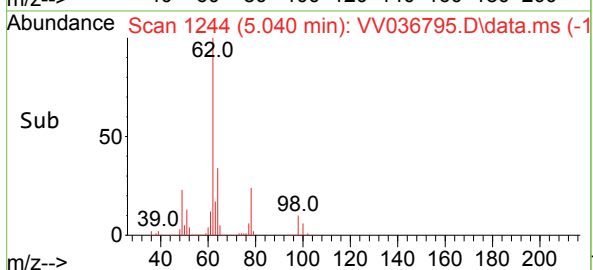
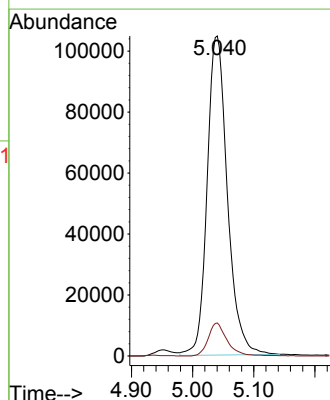
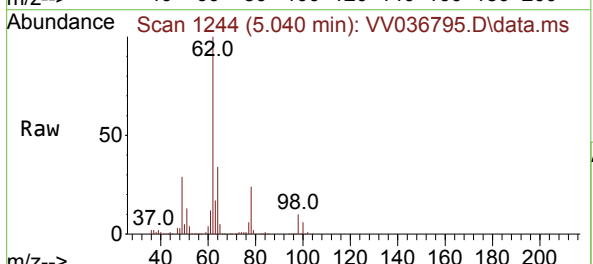
Instrument :
MSVOA_V
ClientSampleId :

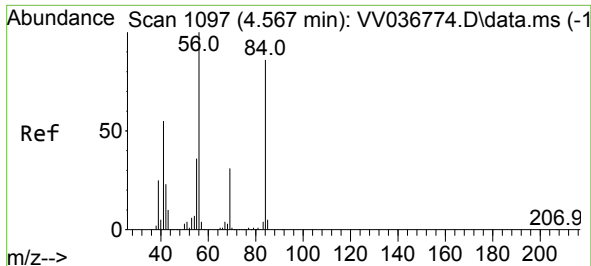
Tgt Ion: 83 Resp: 314636
Ion Ratio Lower Upper
83 100
85 65.4 46.0 85.4



#27
1,2-Dichloroethane
Concen: 46.405 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

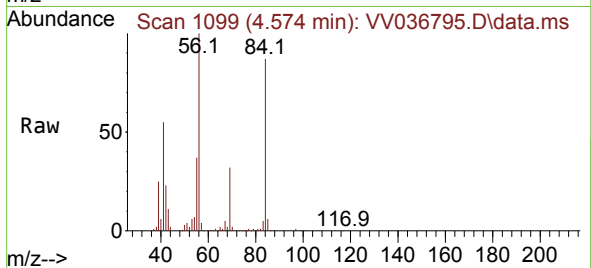
Tgt Ion: 62 Resp: 241054
Ion Ratio Lower Upper
62 100
98 10.3 7.5 11.3



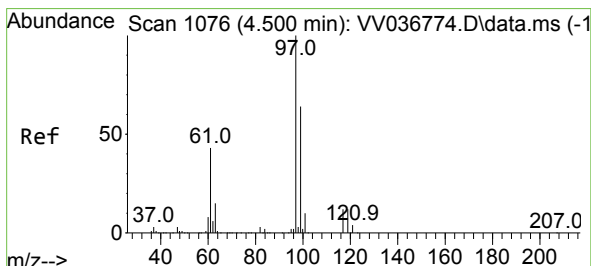
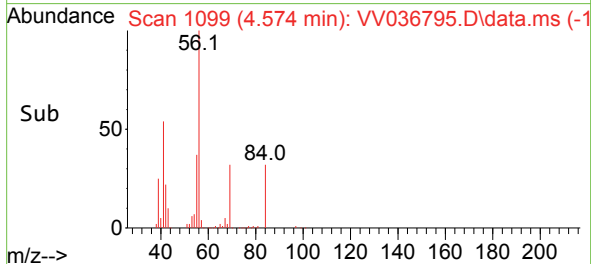
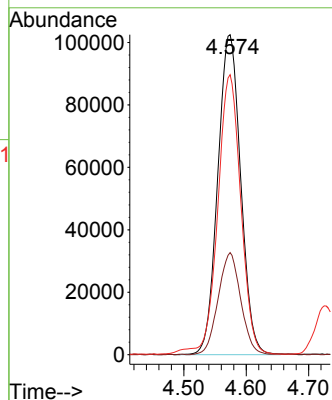


#29
Cyclohexane
Concen: 45.649 ug/L
RT: 4.574 min Scan# 1097
Delta R.T. 0.007 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

Instrument :
MSVOA_V
ClientSampleId :

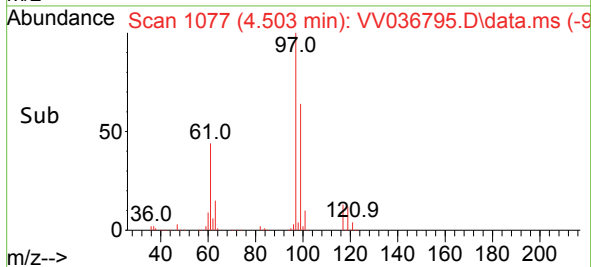
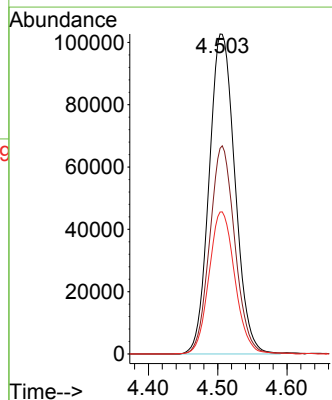
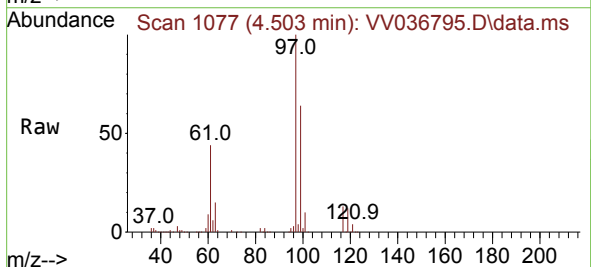


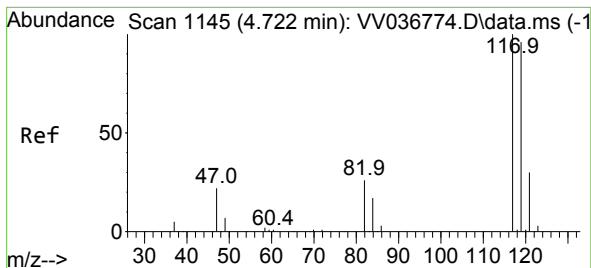
Tgt Ion: 56 Resp: 262001
Ion Ratio Lower Upper
56 100
69 31.4 24.7 37.1
84 87.9 68.5 102.7



#30
1,1,1-Trichloroethane
Concen: 46.832 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

Tgt Ion: 97 Resp: 265785
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 44.3 36.0 54.0





#31

Carbon tetrachloride

Concen: 46.337 ug/L

RT: 4.728 min Scan# 1145

Delta R.T. 0.007 min

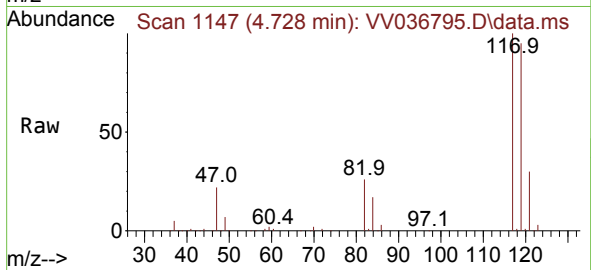
Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :

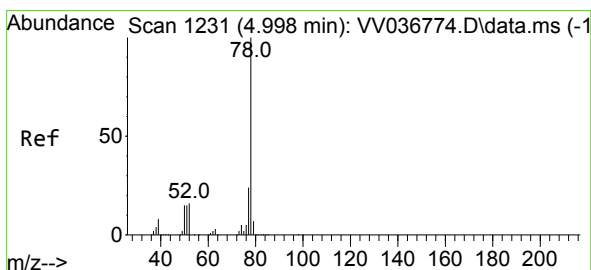
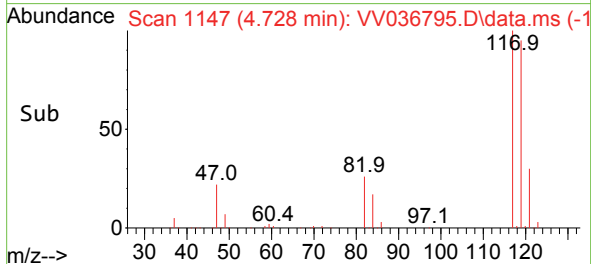
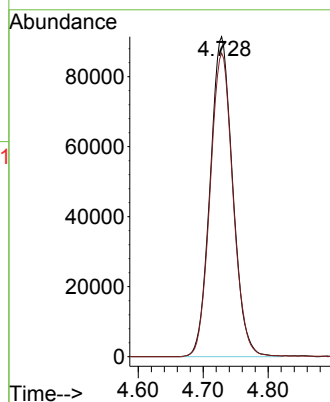


Tgt Ion:117 Resp: 220851

Ion Ratio Lower Upper

117 100

119 96.1 76.1 114.1



#33

Benzene

Concen: 49.160 ug/L

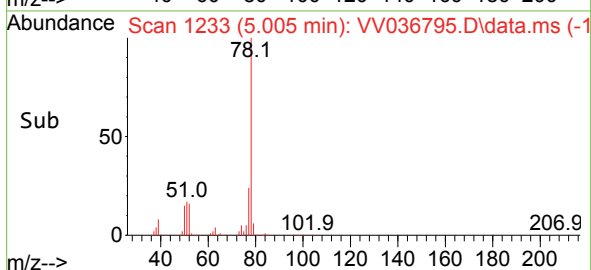
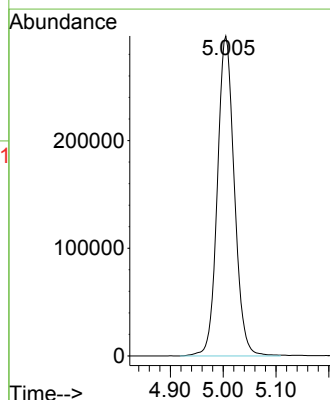
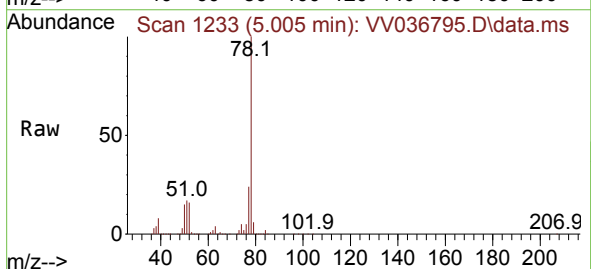
RT: 5.005 min Scan# 1233

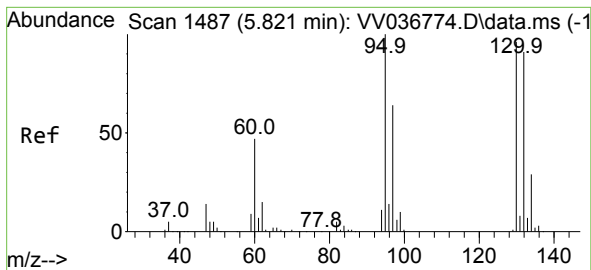
Delta R.T. 0.007 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Tgt Ion: 78 Resp: 662346





#34

Trichloroethene

Concen: 45.965 ug/L

RT: 5.828 min Scan# 1487

Delta R.T. 0.007 min

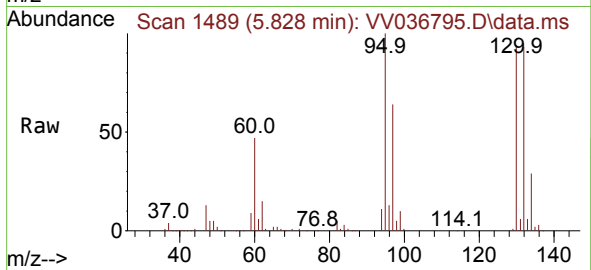
Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 179485

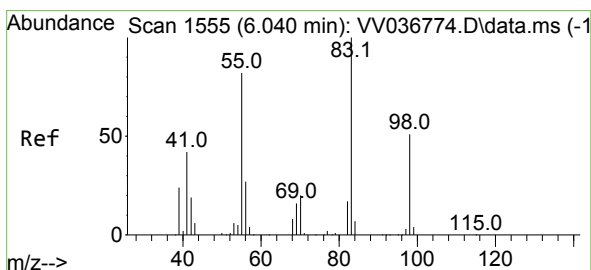
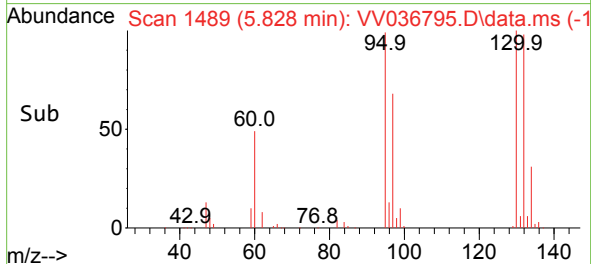
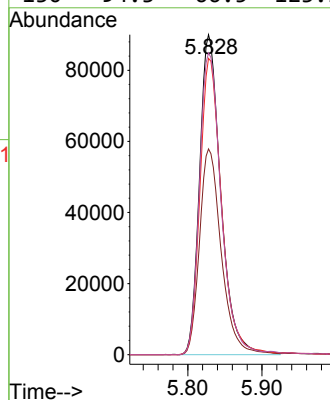
Ion Ratio Lower Upper

95 100

97 64.3 44.7 82.9

132 92.6 62.9 116.9

130 94.3 66.5 123.5



#35

Methylcyclohexane

Concen: 43.745 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

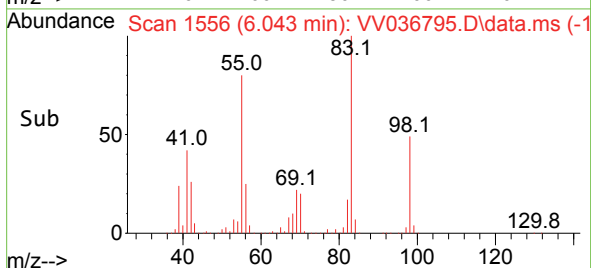
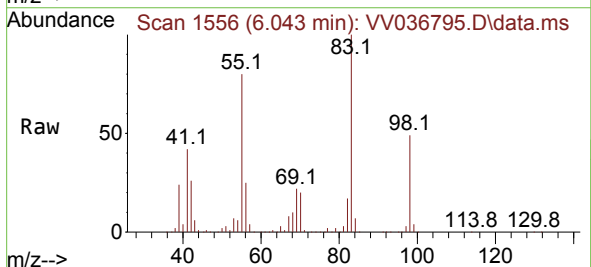
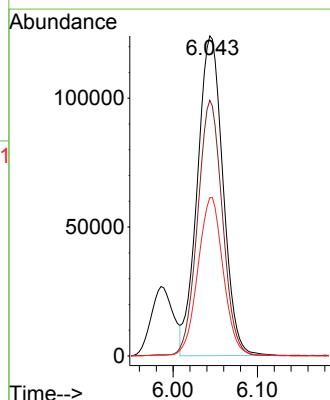
Tgt Ion: 83 Resp: 262110

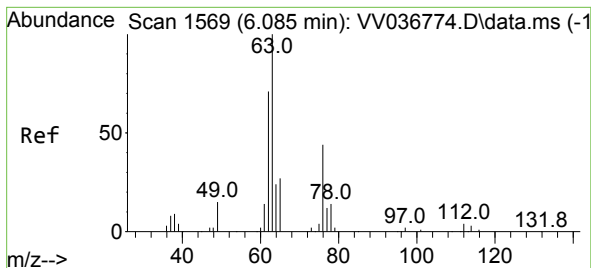
Ion Ratio Lower Upper

83 100

55 77.5 62.3 93.5

98 48.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 49.718 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

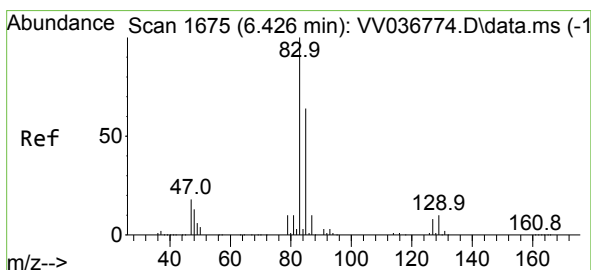
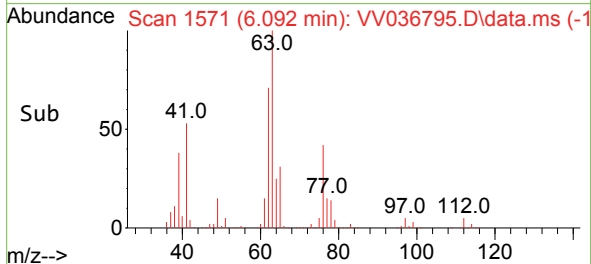
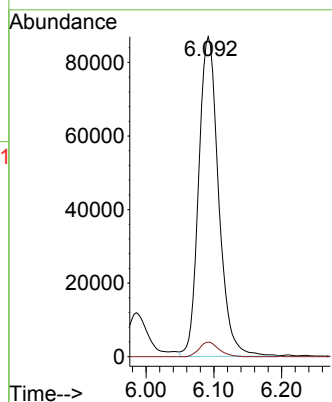
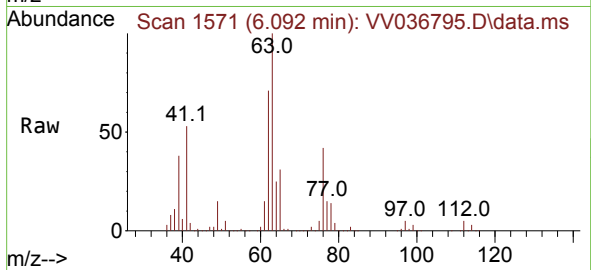
ClientSampleId :

Tgt Ion: 63 Resp: 177452

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 47.146 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

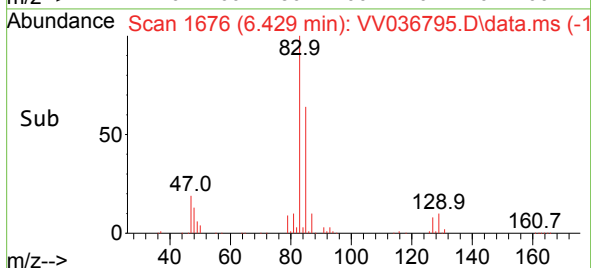
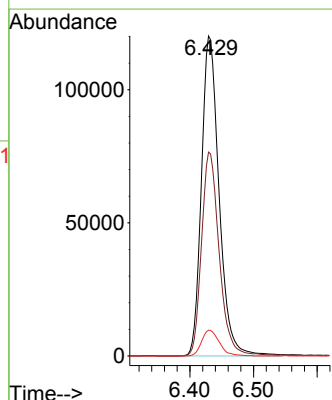
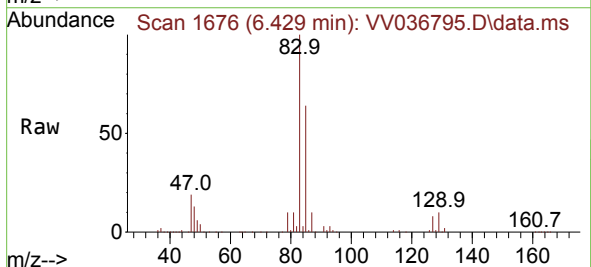
Tgt Ion: 83 Resp: 231723

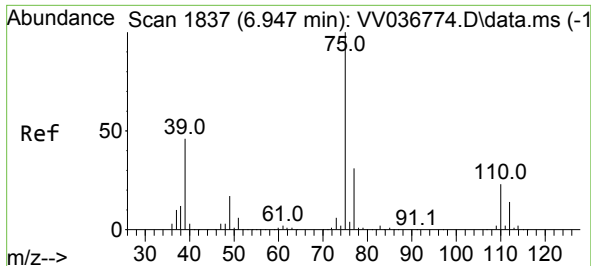
Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 46.181 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

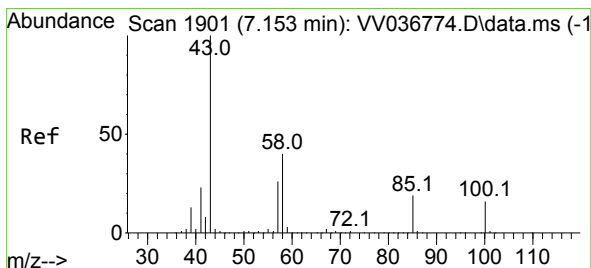
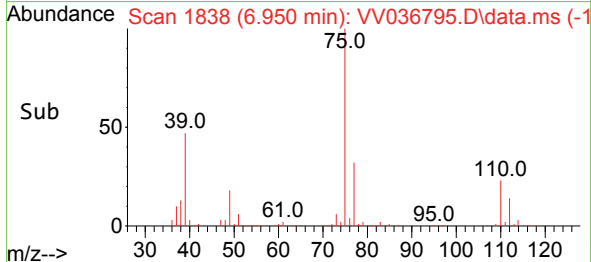
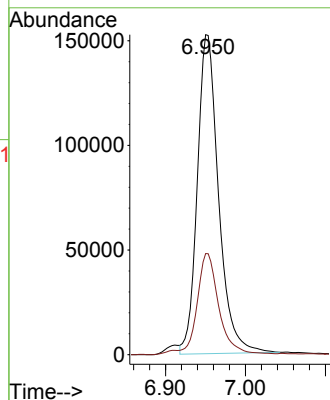
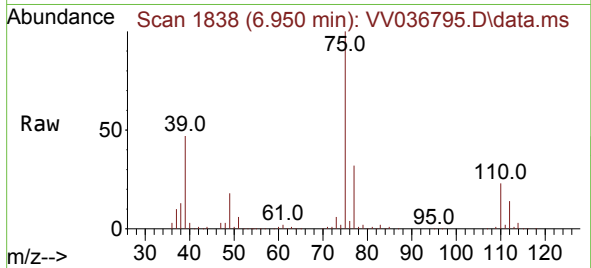
ClientSampleId :

Tgt Ion: 75 Resp: 282291

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 92.676 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

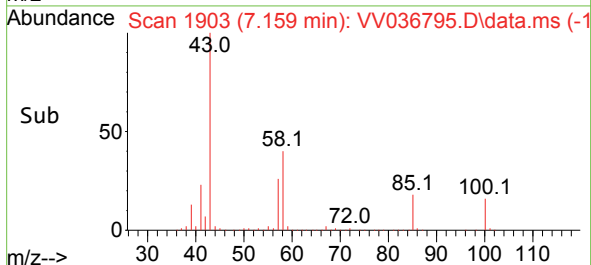
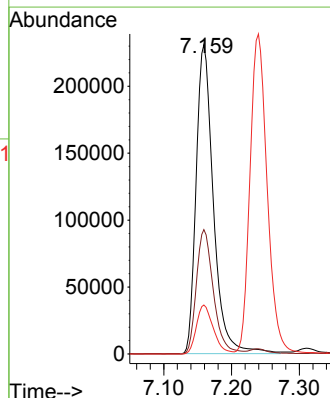
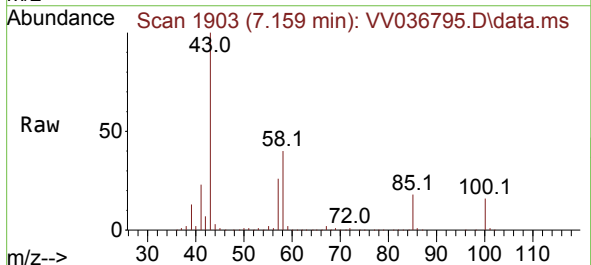
Tgt Ion: 43 Resp: 409755

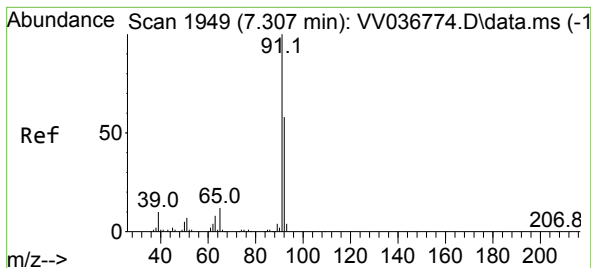
Ion Ratio Lower Upper

43 100

58 39.7 31.3 46.9

100 15.5 12.6 18.8





#42

Toluene

Concen: 47.592 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

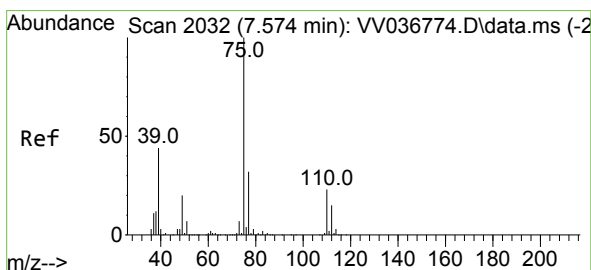
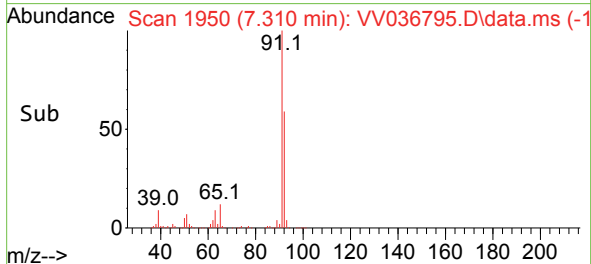
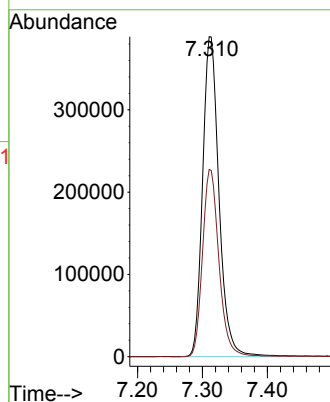
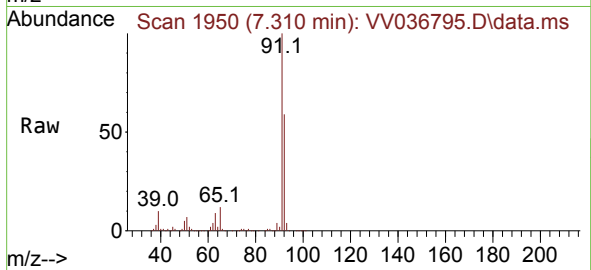
ClientSampleId :

Tgt Ion: 91 Resp: 682992

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 45.598 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.007 min

Lab File: VV036795.D

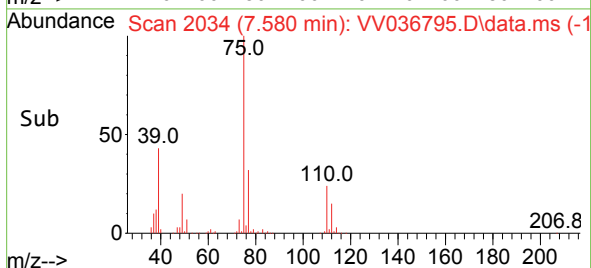
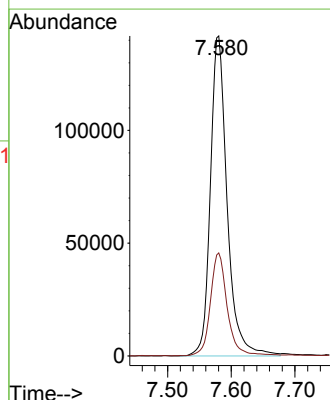
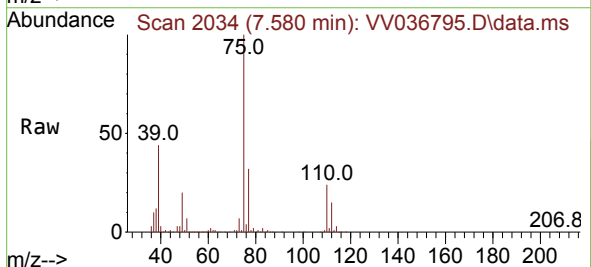
Acq: 05 Aug 2024 18:16

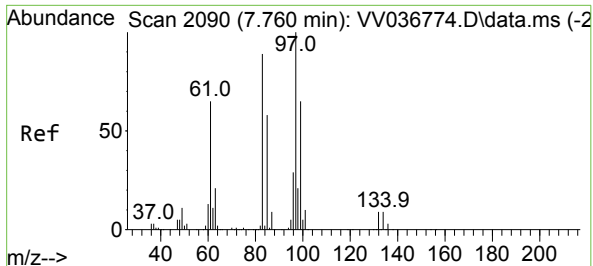
Tgt Ion: 75 Resp: 259730

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 47.404 ug/L

RT: 7.767 min Scan# 2090

Delta R.T. 0.007 min

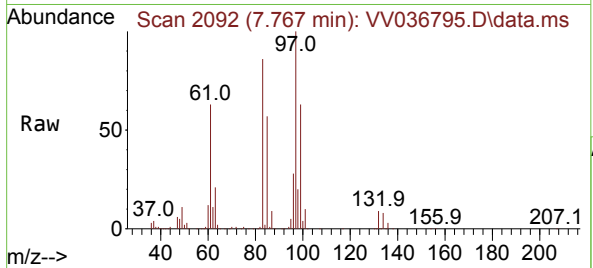
Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 163850

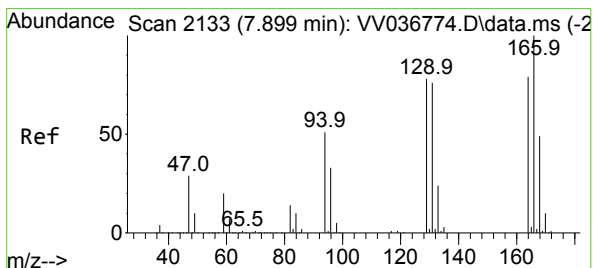
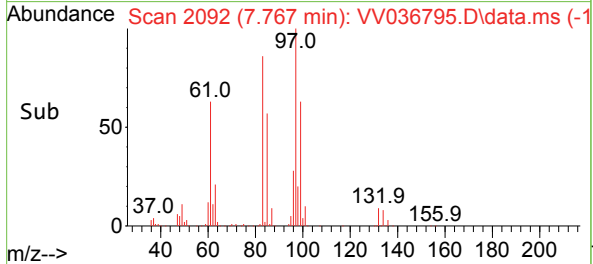
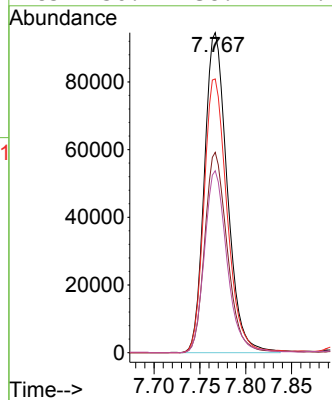
Ion Ratio Lower Upper

97 100

99 62.6 44.0 81.6

83 85.6 60.1 111.5

85 56.9 38.4 71.4



#46

Tetrachloroethene

Concen: 46.200 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Tgt Ion: 164 Resp: 118331

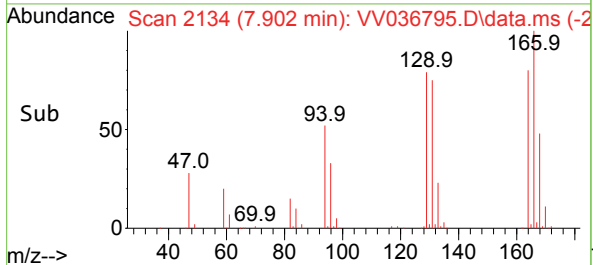
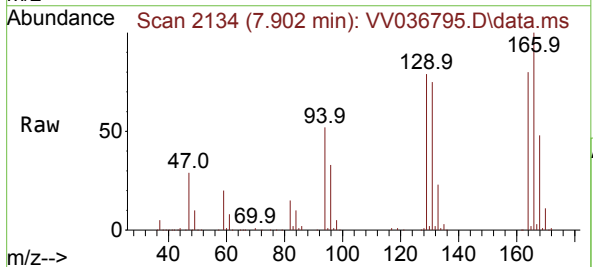
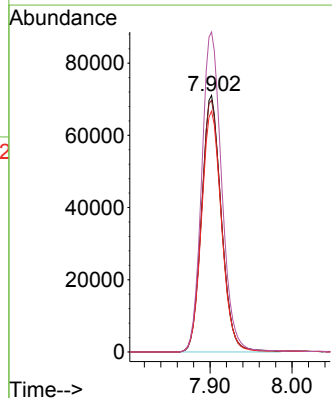
Ion Ratio Lower Upper

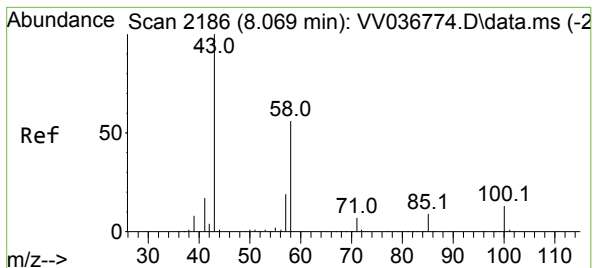
164 100

129 98.1 70.4 130.8

131 93.8 67.7 125.7

166 124.7 88.4 164.2





#48

2-Hexanone

Concen: 89.757 ug/L

RT: 8.075 min Scan# 2186

Delta R.T. 0.007 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 291952

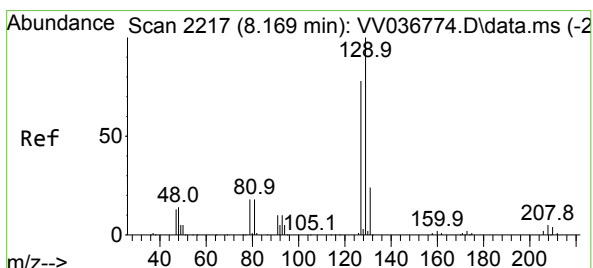
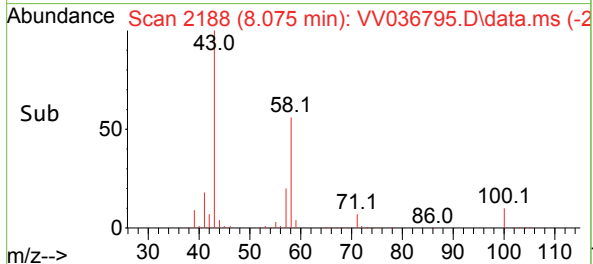
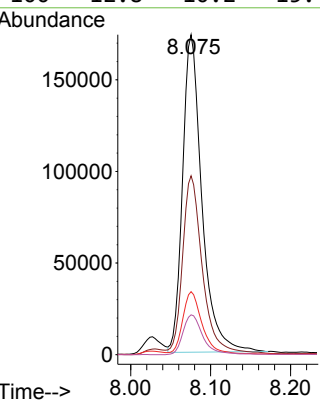
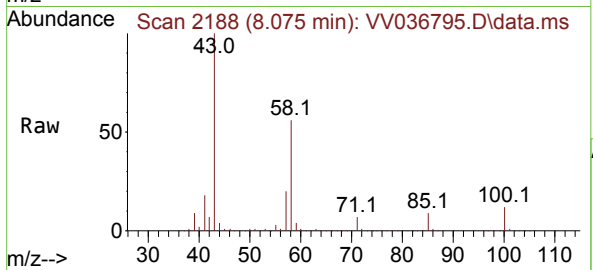
Ion Ratio Lower Upper

43 100

58 56.2 44.7 67.1

57 19.8 15.0 22.4

100 12.8 10.2 15.4



#49

Dibromochloromethane

Concen: 47.475 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV036795.D

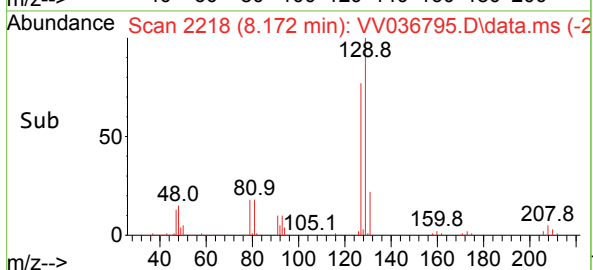
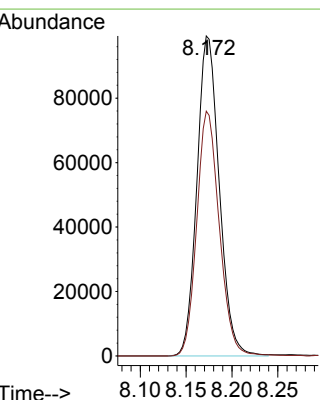
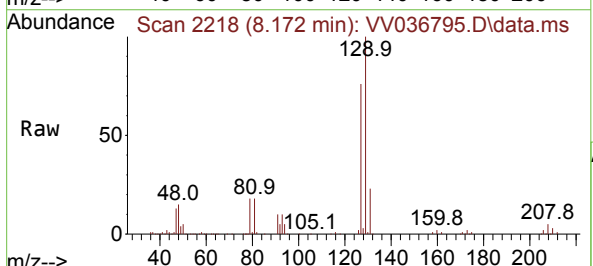
Acq: 05 Aug 2024 18:16

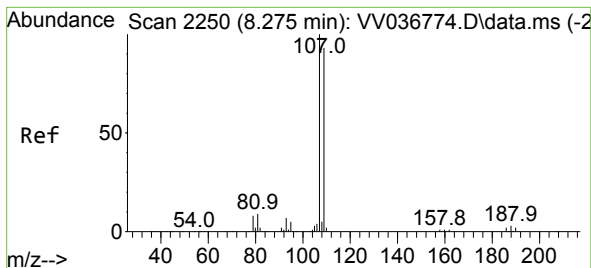
Tgt Ion: 129 Resp: 168631

Ion Ratio Lower Upper

129 100

127 76.5 55.4 102.8





#50

1,2-Dibromoethane

Concen: 47.808 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036795.D

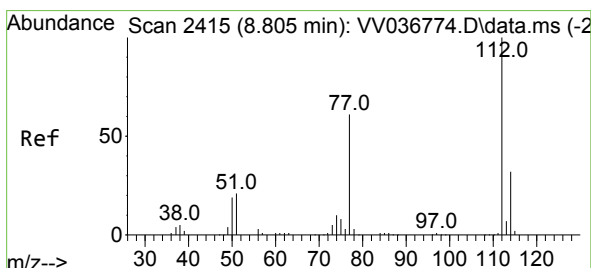
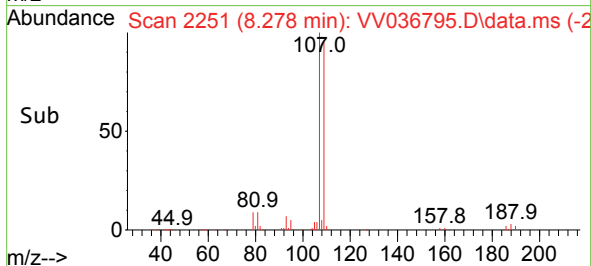
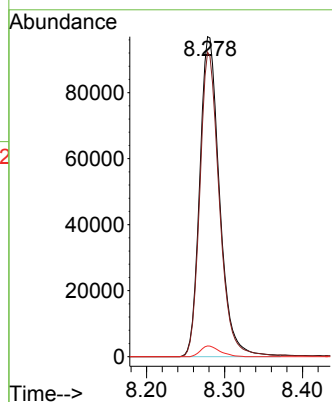
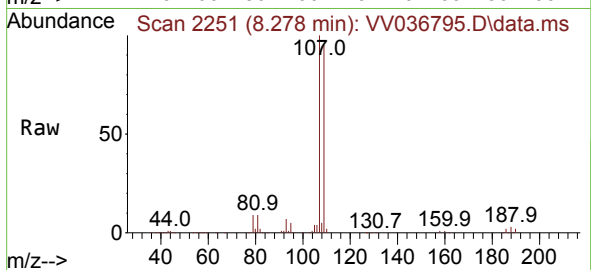
Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	171452
Ion	Ratio	Lower	Upper
107	100		
109	95.2	64.7	120.1
188	3.4	2.6	3.8



#51

Chlorobenzene

Concen: 47.612 ug/L

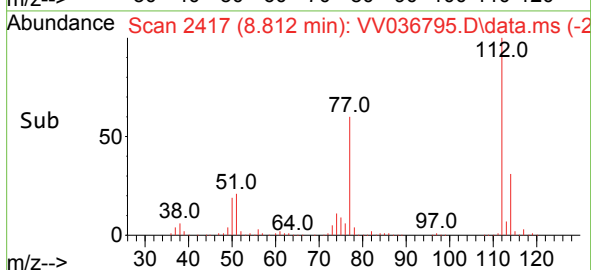
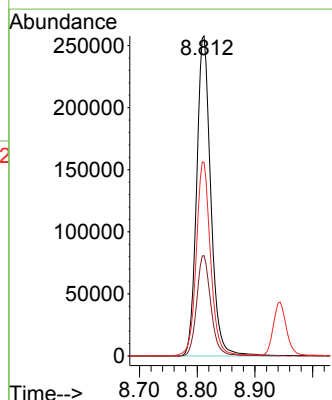
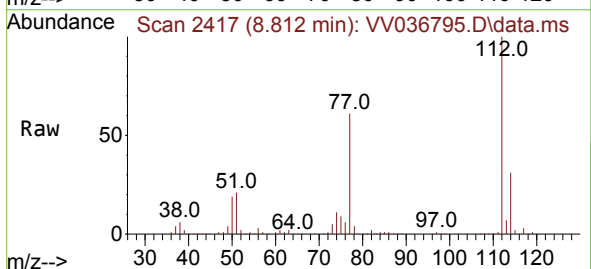
RT: 8.812 min Scan# 2417

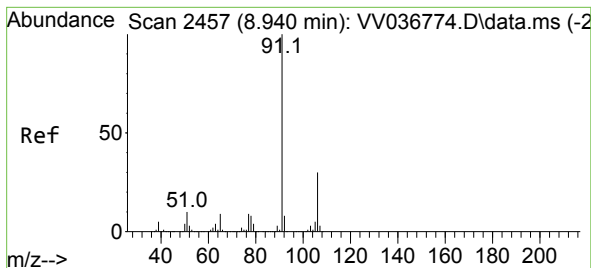
Delta R.T. 0.007 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Tgt Ion:	112	Resp:	438407
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.5
77	60.5	48.9	73.3





#52

Ethylbenzene

Concen: 47.649 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

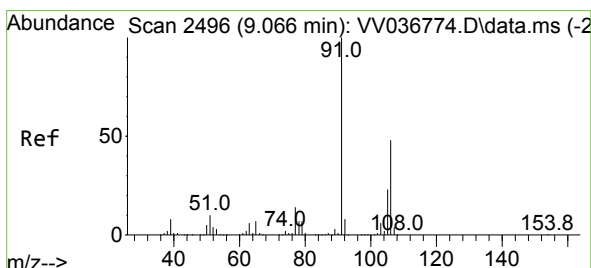
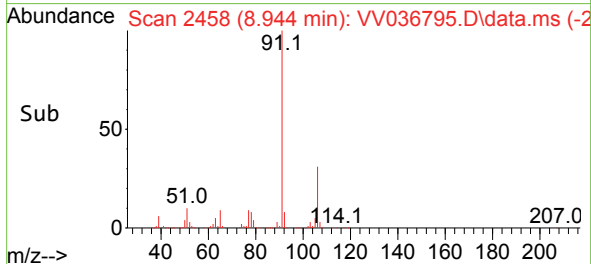
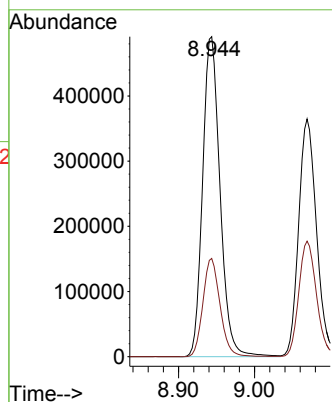
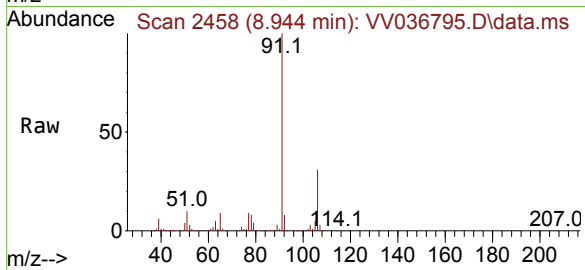
ClientSampleId :

Tgt Ion: 91 Resp: 780783

Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.1



#53

m,p-Xylene

Concen: 46.903 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036795.D

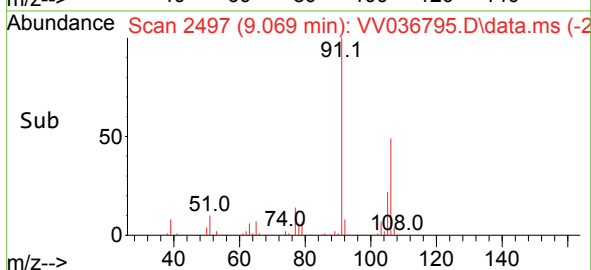
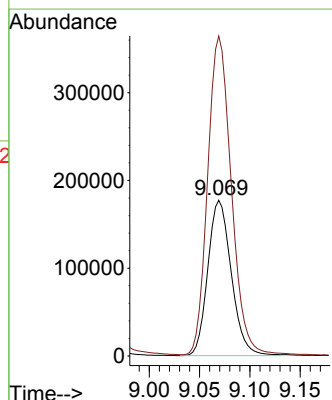
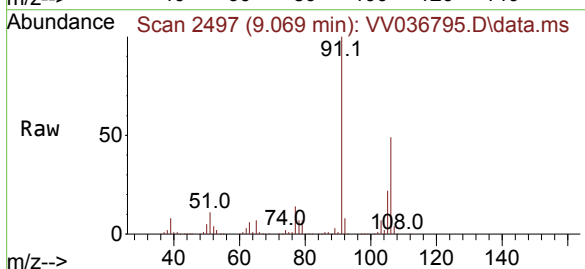
Acq: 05 Aug 2024 18:16

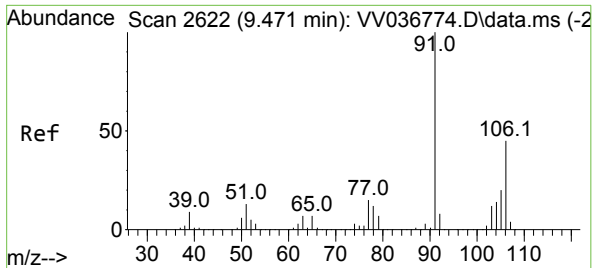
Tgt Ion:106 Resp: 287279

Ion Ratio Lower Upper

106 100

91 205.6 147.1 273.3

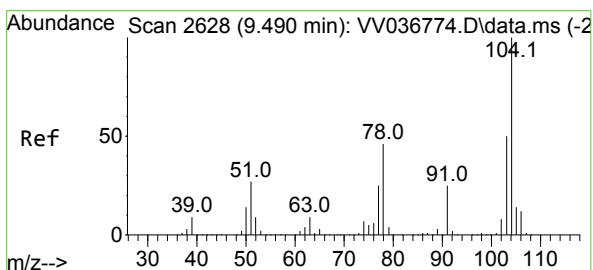
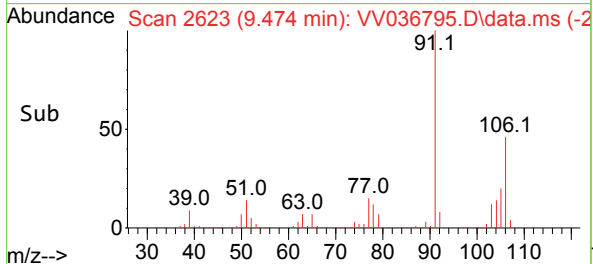
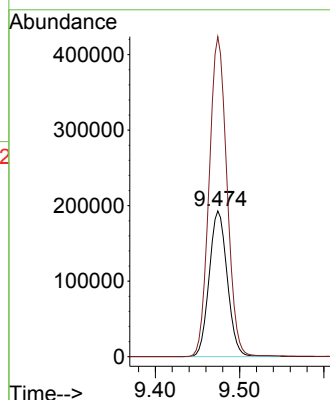
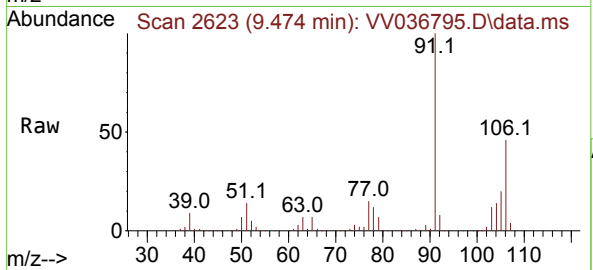




#54
o-Xylene
Concen: 48.055 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

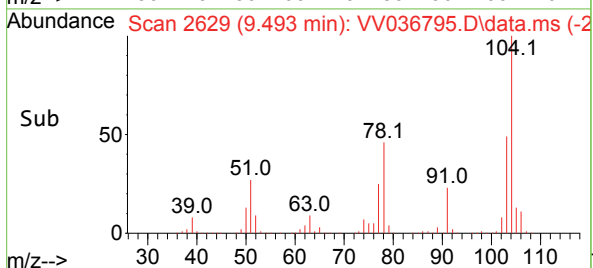
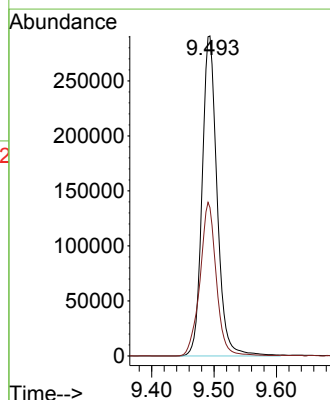
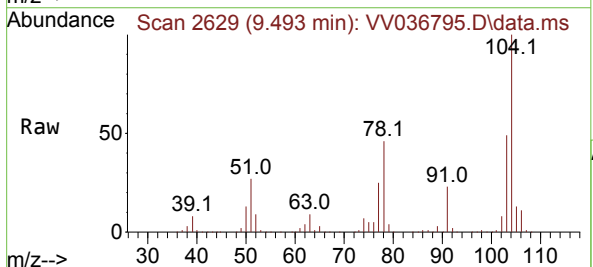
Instrument :
MSVOA_V
ClientSampleId :

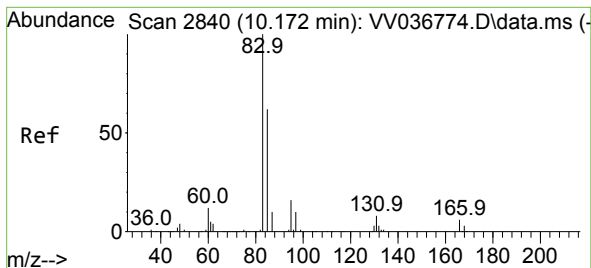
Tgt Ion:106 Resp: 287878
Ion Ratio Lower Upper
106 100
91 219.5 154.5 286.9



#55
Styrene
Concen: 47.421 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

Tgt Ion:104 Resp: 486840
Ion Ratio Lower Upper
104 100
78 46.3 32.1 59.7

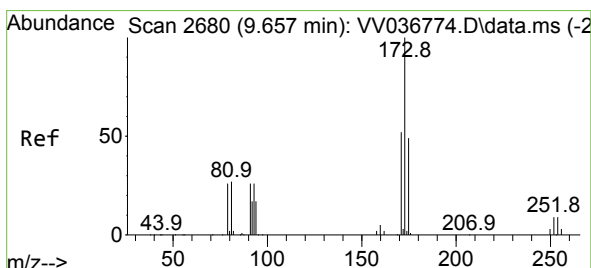
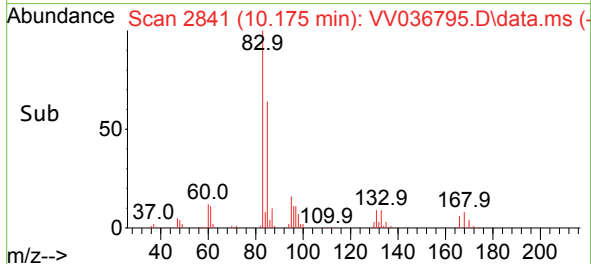
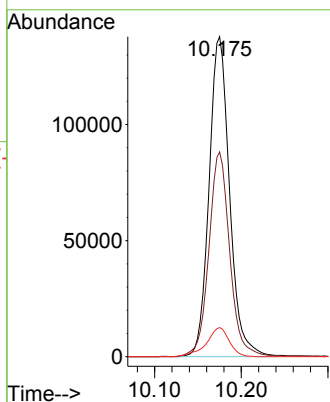
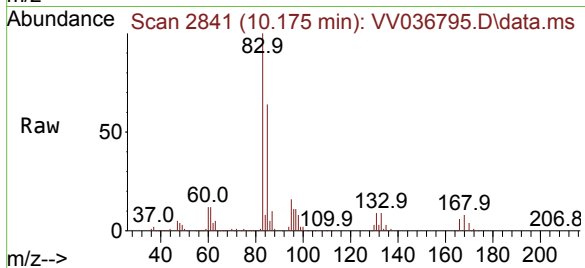




#57
 1,1,2,2-Tetrachloroethane
 Concen: 48.589 ug/L
 RT: 10.175 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16

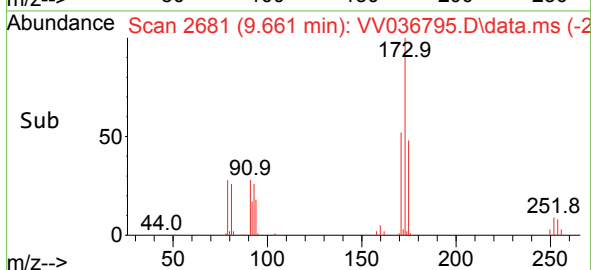
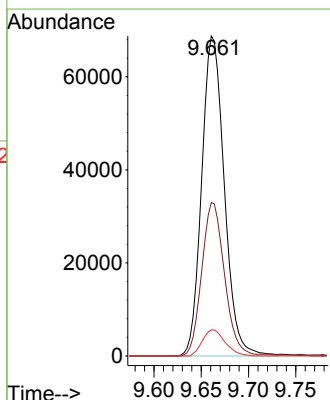
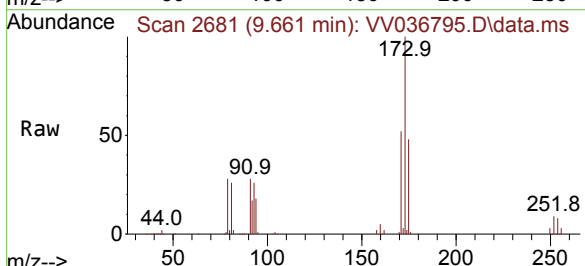
Instrument :
 MSVOA_V
 ClientSampleId :

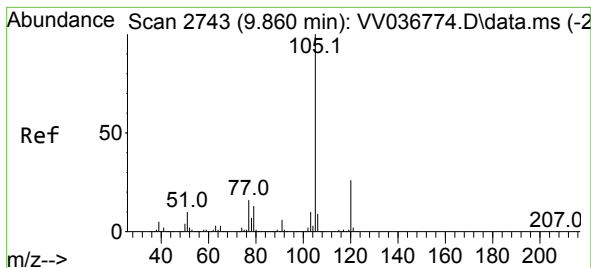
Tgt Ion: 83 Resp: 226616
 Ion Ratio Lower Upper
 83 100
 85 64.0 44.7 83.1
 131 9.1 7.2 10.8



#59
 Bromoform
 Concen: 46.217 ug/L
 RT: 9.661 min Scan# 2681
 Delta R.T. 0.003 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16

Tgt Ion: 173 Resp: 114439
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.8 59.8
 254 8.2 6.8 10.2





#60

Isopropylbenzene

Concen: 46.739 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

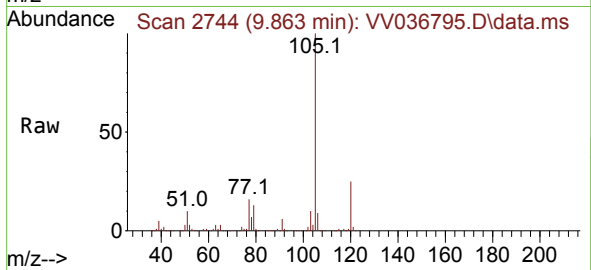
Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :



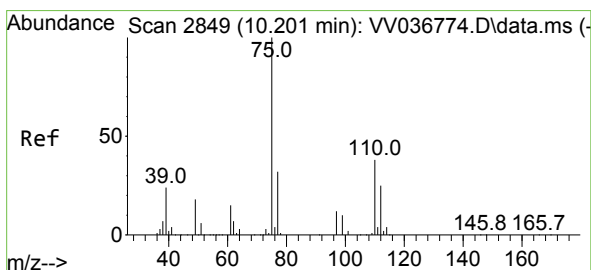
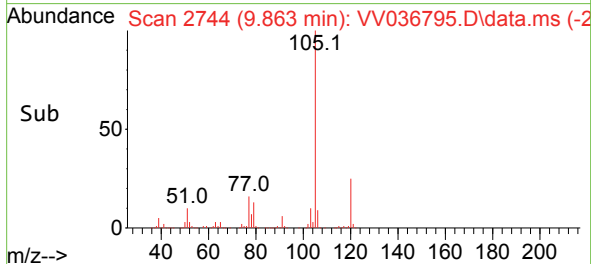
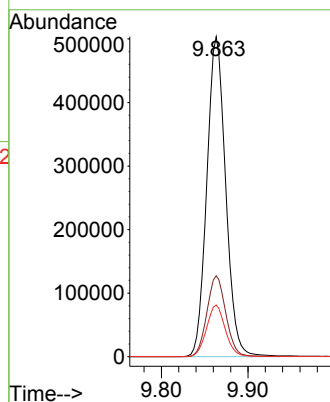
Tgt Ion:105 Resp: 761603

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

77 16.0 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 46.197 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

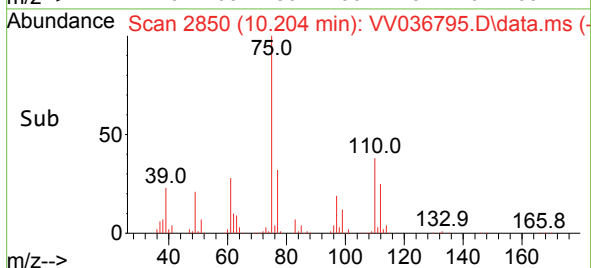
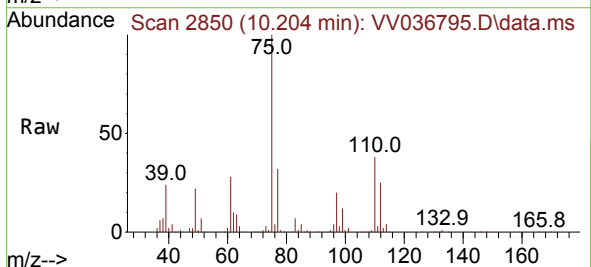
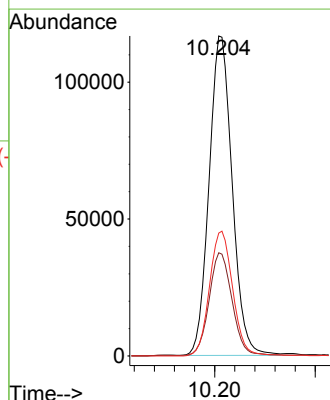
Tgt Ion: 75 Resp: 186138

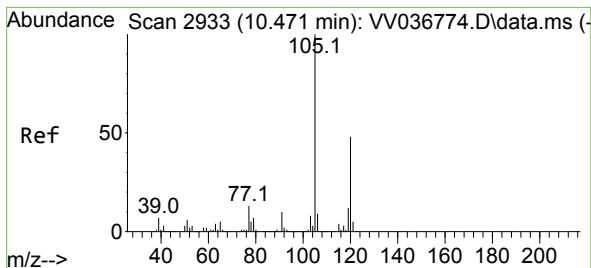
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

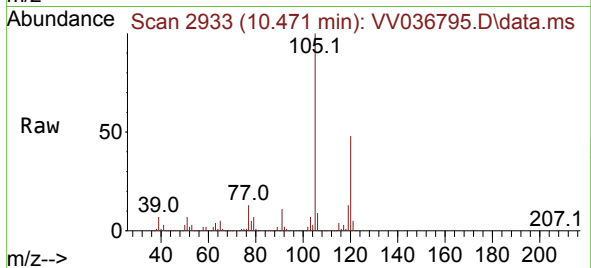
110 39.4 31.3 46.9



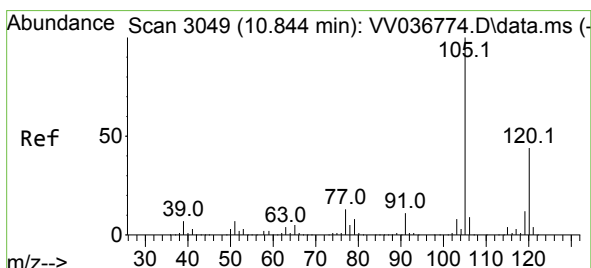
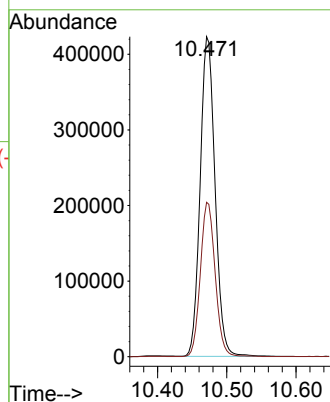
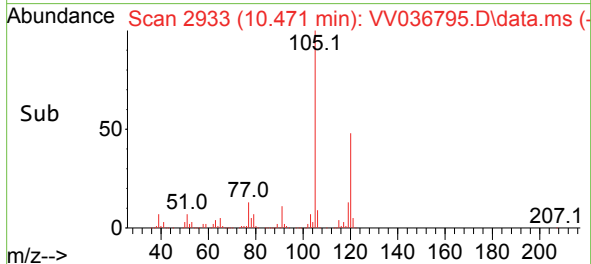


#62
1,3,5-Trimethylbenzene
Concen: 46.523 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.000 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

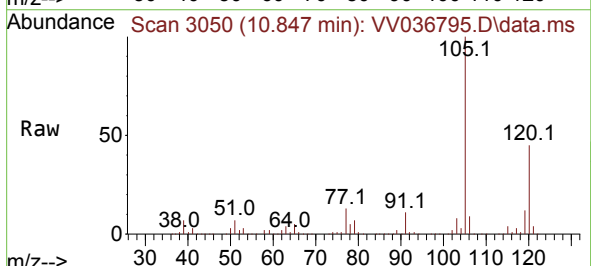
Instrument :
MSVOA_V
ClientSampleId :



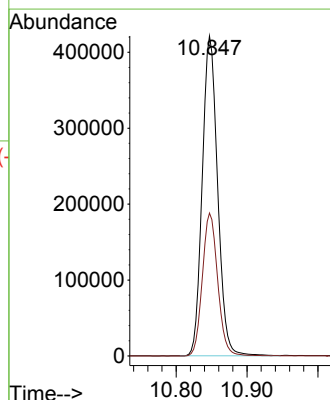
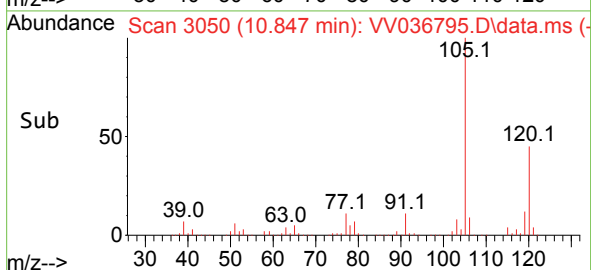
Tgt Ion:105 Resp: 631142
Ion Ratio Lower Upper
105 100
120 48.0 37.7 56.5

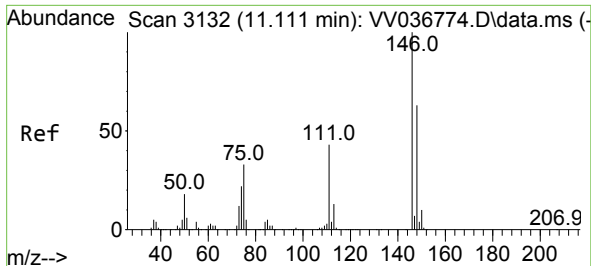


#63
1,2,4-Trimethylbenzene
Concen: 46.777 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16



Tgt Ion:105 Resp: 635239
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

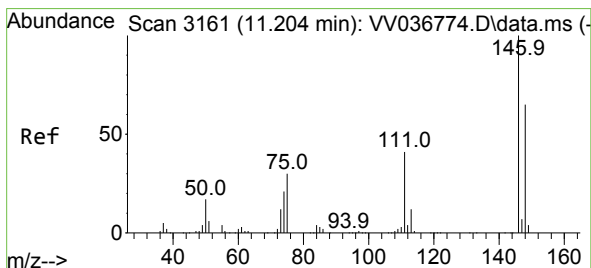
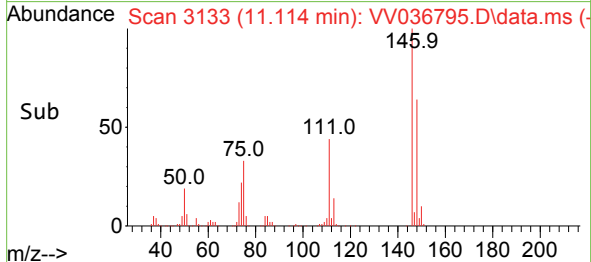
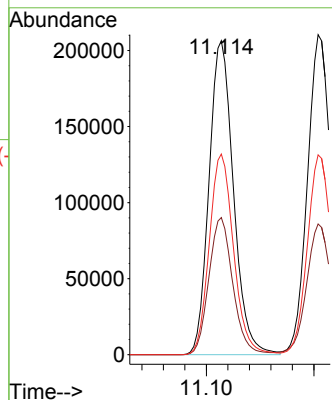
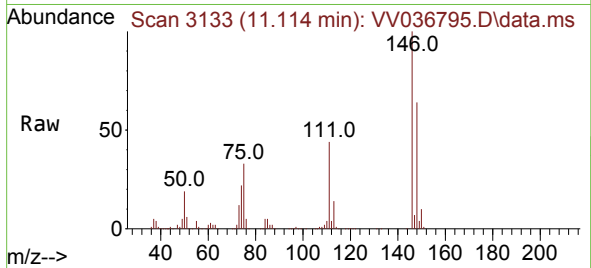




#64
1,3-Dichlorobenzene
Concen: 46.497 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

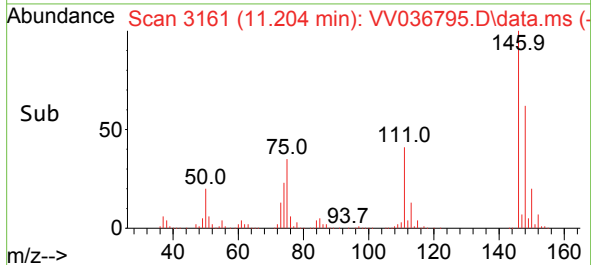
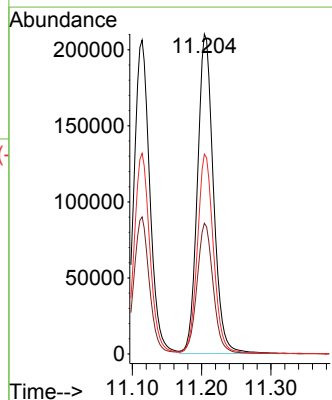
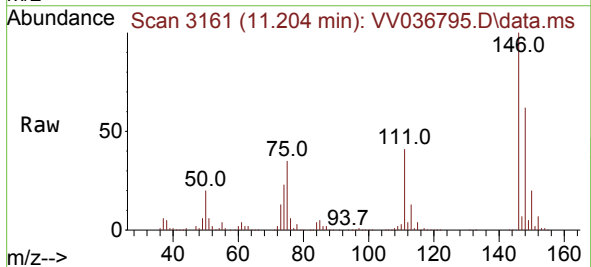
Instrument :
MSVOA_V
ClientSampleId :

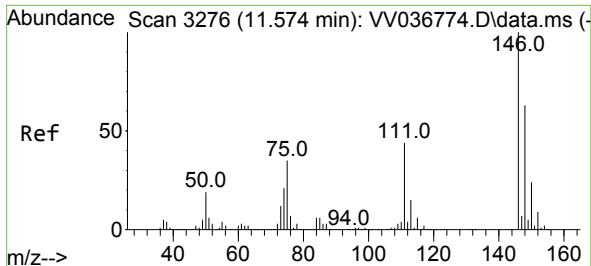
Tgt Ion:146 Resp: 325817
Ion Ratio Lower Upper
146 100
111 43.7 29.8 55.4
148 63.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 47.332 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036795.D
Acq: 05 Aug 2024 18:16

Tgt Ion:146 Resp: 337274
Ion Ratio Lower Upper
146 100
111 40.8 29.0 53.9
148 62.4 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 47.619 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :

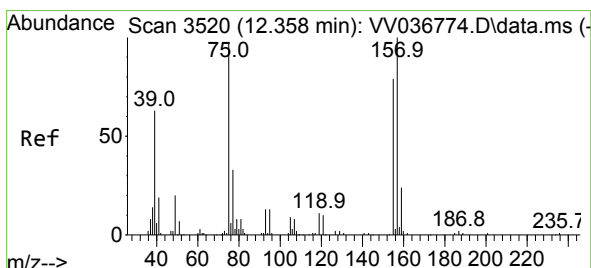
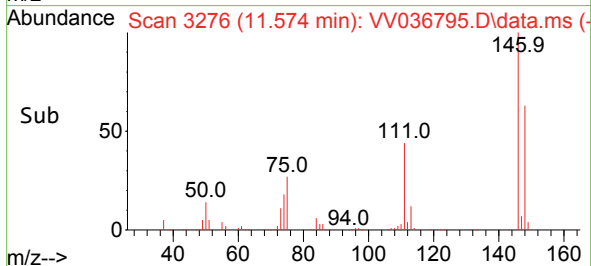
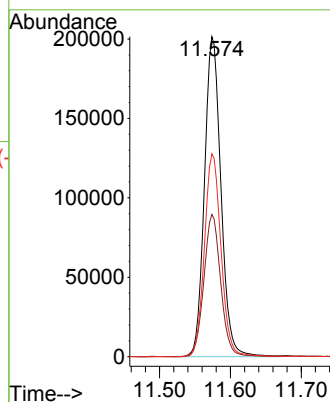
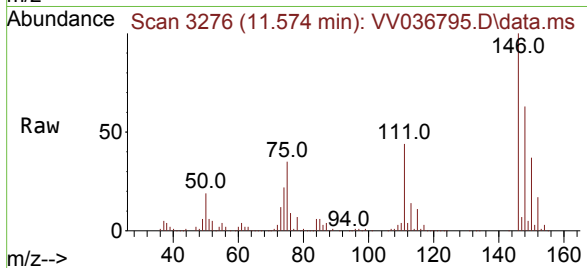
Tgt Ion:146 Resp: 325883

Ion Ratio Lower Upper

146 100

111 44.5 35.7 53.5

148 63.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 43.851 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

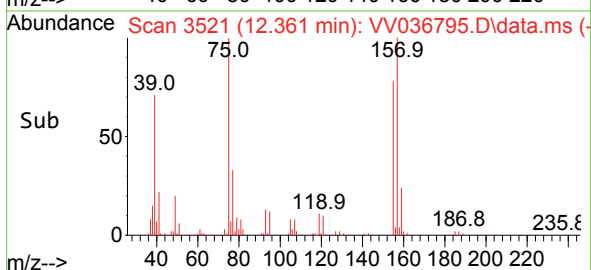
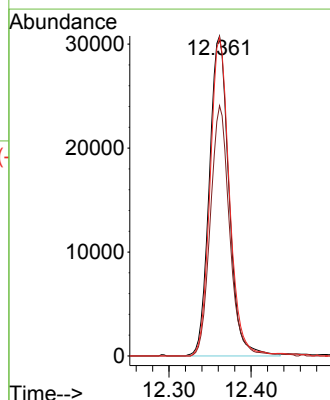
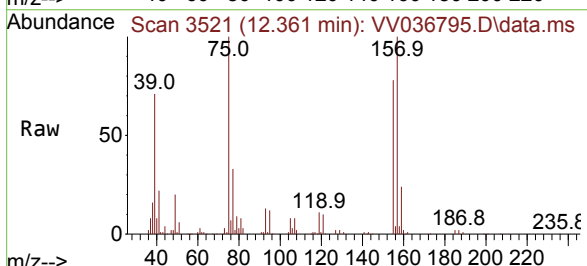
Tgt Ion: 75 Resp: 51058

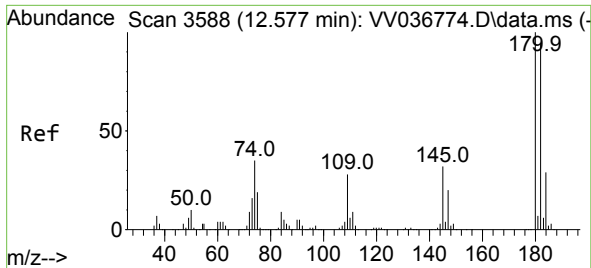
Ion Ratio Lower Upper

75 100

155 78.2 59.5 89.3

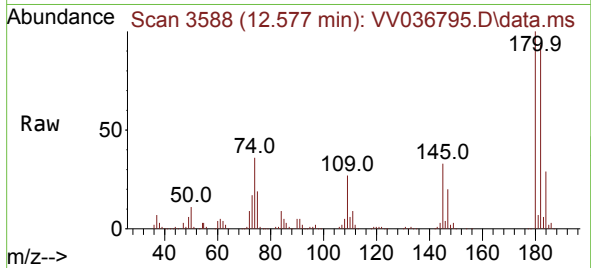
157 99.6 81.0 121.4



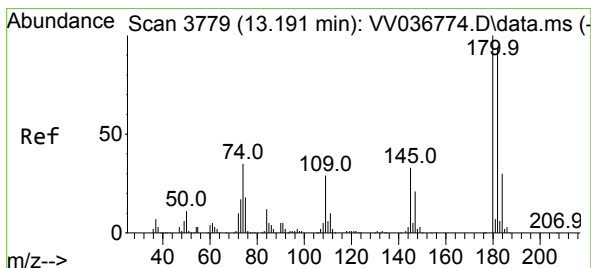
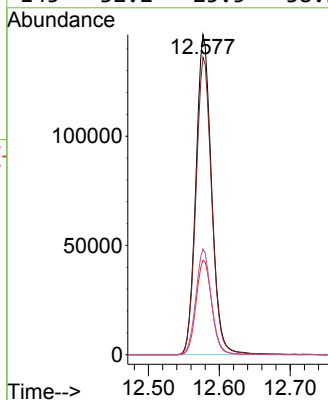
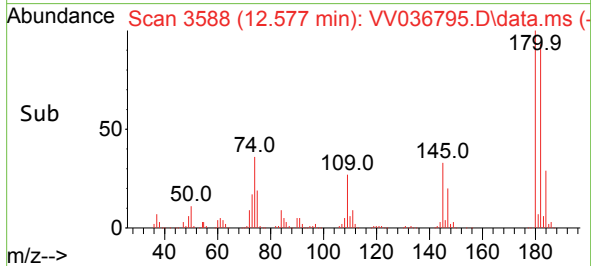


#69
 1,3,5-Trichlorobenzene
 Concen: 45.242 ug/L
 RT: 12.577 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16

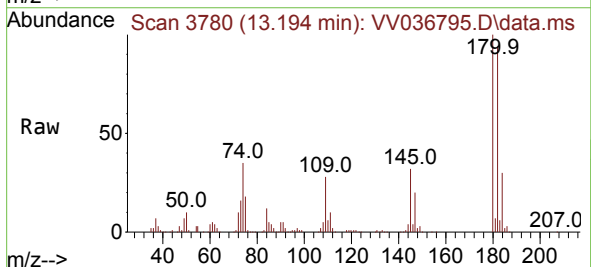
Instrument :
 MSVOA_V
 ClientSampleId :



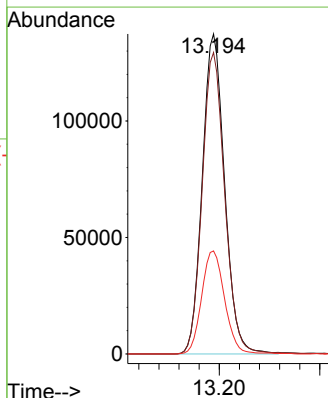
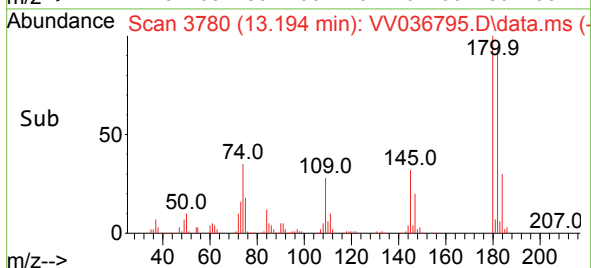
Tgt Ion:180 Resp: 224975
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.0 112.6
 184 29.7 23.7 35.5
 145 32.2 25.5 38.3

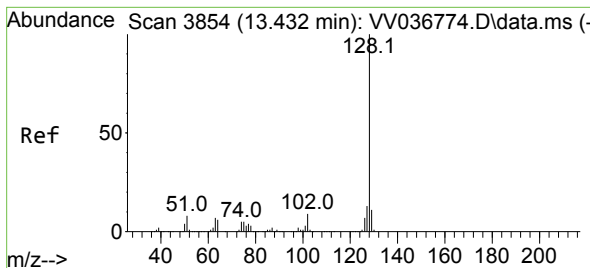


#70
 1,2,4-trichlorobenzene
 Concen: 44.302 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.003 min
 Lab File: VV036795.D
 Acq: 05 Aug 2024 18:16



Tgt Ion:180 Resp: 211288
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.1 112.7
 145 33.0 26.5 39.7





#71

Naphthalene

Concen: 43.970 ug/L

RT: 13.432 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Instrument :

MSVOA_V

ClientSampleId :

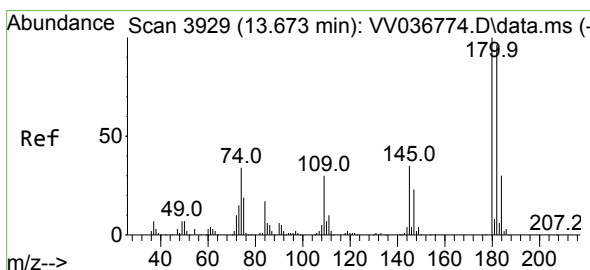
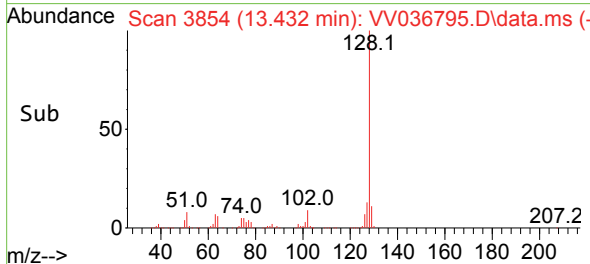
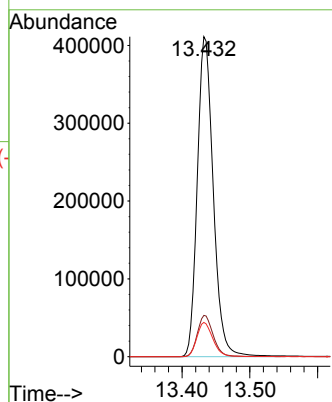
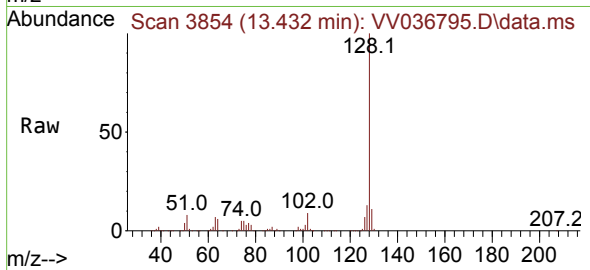
Tgt Ion:128 Resp: 672479

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 44.620 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV036795.D

Acq: 05 Aug 2024 18:16

Tgt Ion:180 Resp: 208307

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 34.4 27.8 41.6

