

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036201.D
 Acq On : 21 Jun 2024 12:59
 Operator : SY/MD
 Sample : P2909-24
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:11:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	322763	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325727	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	181396	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	112870	19.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.080%
7) Chloroethane-d5	1.526	69	99551	21.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	2.047	65	56779	21.494	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.960%
21) 2-Butanone-d5	3.822	46	55940	41.088	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.180%
24) Chloroform-d	4.243	84	265722	25.895	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.937	65	134147	24.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.720%
32) Benzene-d6	4.953	84	452692	23.381	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	5.985	67	150249	24.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	7.239	98	424963	24.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.520%
43) trans-1,3-Dichloroprop...	7.551	79	67063	26.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.280%
47) 2-Hexanone-d5	8.030	63	60730	73.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.020%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	130835	28.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.880%
66) 1,2-Dichlorobenzene-d4	11.558	152	159850	24.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.120%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2733	0.493	ug/L #	40
12) 1,1-Dichloroethene	2.060	96	339955	65.774	ug/L #	78
13) Acetone	2.391	43	5225	2.464	ug/L	71
15) Methyl Acetate	2.391	43	5225	1.982	ug/L	92
16) Methylene chloride	2.439	84	323104	44.240	ug/L	98
17) trans-1,2-Dichloroethene	2.683	96	265080	48.281	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	386782	31.380	ug/L	99
19) 1,1-Dichloroethane	3.101	63	472000	45.143	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	575180	104.258	ug/L	98
22) 2-Butanone	3.889	43	467447	259.761	ug/L #	70
25) Chloroform	4.269	83	832950	77.444	ug/L	99
27) 1,2-Dichloroethane	5.037	62	204936	30.520	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	3553	0.399	ug/L #	81
31) Carbon tetrachloride	4.725	117	370291	47.400	ug/L	99
33) Benzene	5.002	78	928189	43.570	ug/L	100
34) Trichloroethene	5.828	95	273522	41.892	ug/L	100
37) 1,2-Dichloropropane	6.092	63	87931	15.719	ug/L	99
38) Bromodichloromethane	6.426	83	642946	86.838	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	819238	97.918	ug/L	100

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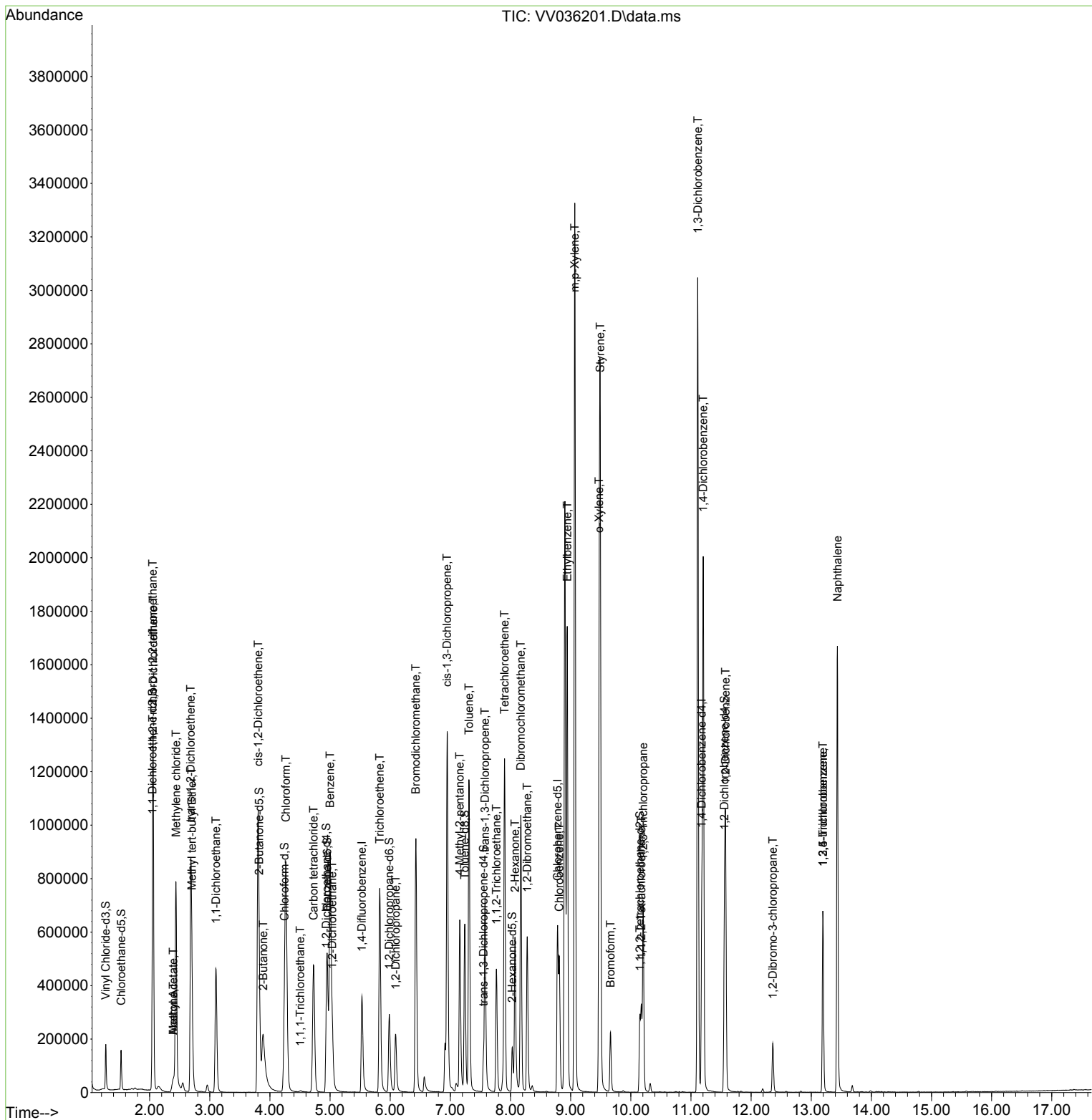
Instrument :
 MSVOA_V
 ClientSampleId :

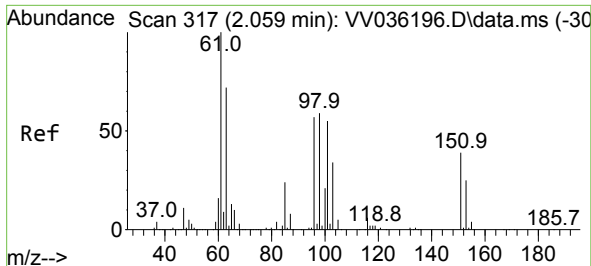
Quant Time: Jun 22 00:11:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	7.156	43	413275	135.983	ug/L	95
42) Toluene	7.310	91	860102	39.511	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	413818	57.262	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	144624	31.247	ug/L	99
46) Tetrachloroethene	7.902	164	271455	56.846	ug/L	98
48) 2-Hexanone	8.075	43	350243	147.411	ug/L	94
49) Dibromochloromethane	8.172	129	517667	102.193	ug/L	99
50) 1,2-Dibromoethane	8.278	107	386627	87.056	ug/L	100
51) Chlorobenzene	8.812	112	277508	18.710	ug/L	99
52) Ethylbenzene	8.944	91	1187377	50.982	ug/L	99
53) m,p-Xylene	9.069	106	912593	104.282	ug/L	99
54) o-Xylene	9.474	106	383168	46.430	ug/L	98
55) Styrene	9.493	104	1086666	74.669	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	161180	38.891	ug/L	98
59) Bromoform	9.664	173	98685	28.848	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	283070	65.981	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	1179682	96.525	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	761463	60.363	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	356681	31.014	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	47268	49.271	ug/L	98
69) 1,3,5-Trichlorobenzene	13.194	180	201419	22.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	201419	27.982	ug/L	100
71) Naphthalene	13.435	128	1222393	104.060	ug/L	100

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

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration

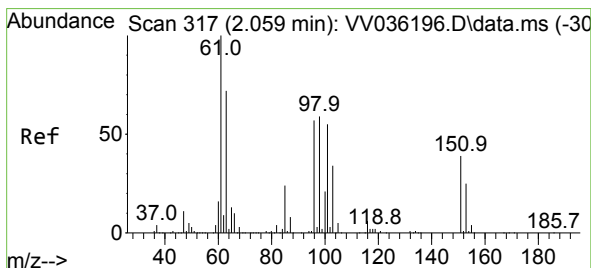
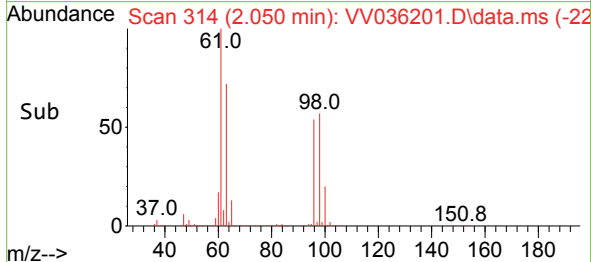
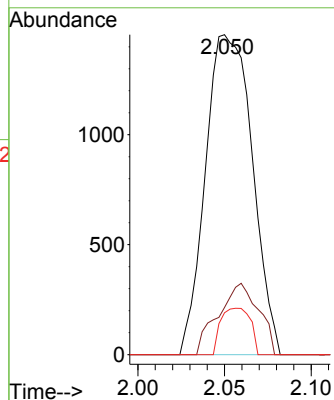
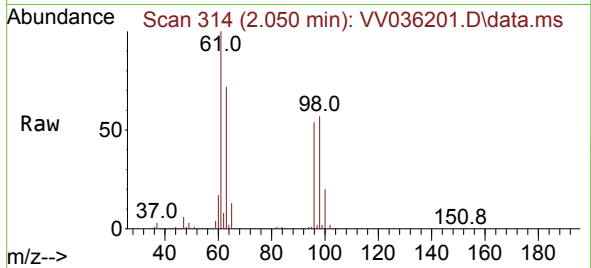




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.493 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.010 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

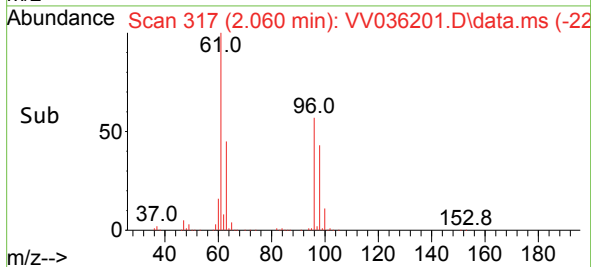
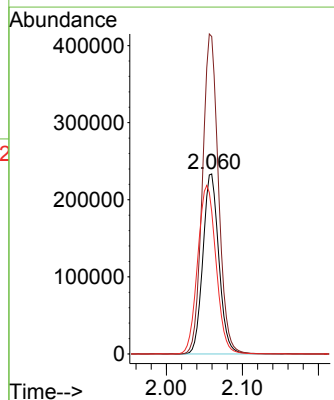
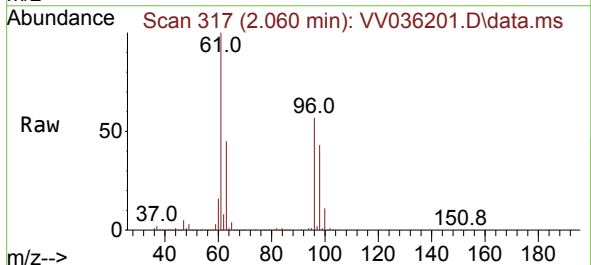
Instrument :
MSVOA_V
ClientSampleId :

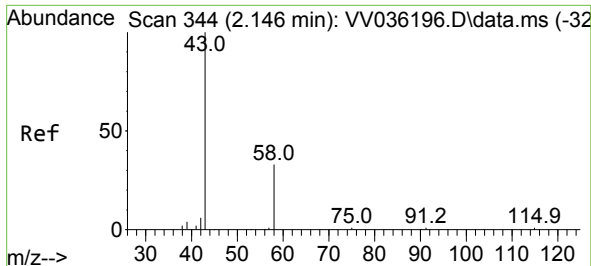
Tgt Ion:101 Resp: 2733
Ion Ratio Lower Upper
101 100
85 19.2 34.5 51.7#
151 9.1 56.3 84.5#



#12
1,1-Dichloroethene
Concen: 65.774 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

Tgt Ion: 96 Resp: 339955
Ion Ratio Lower Upper
96 100
61 176.3 127.3 236.3
63 79.1 93.7 173.9#





#13

Acetone

Concen: 2.464 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.244 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

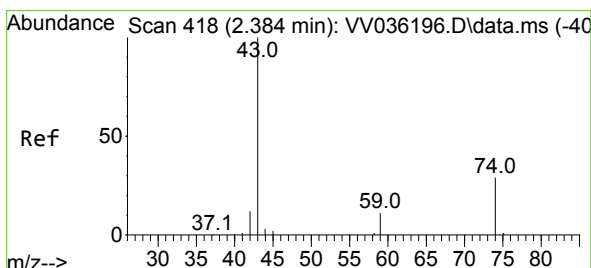
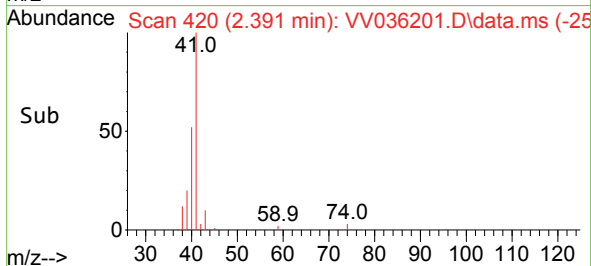
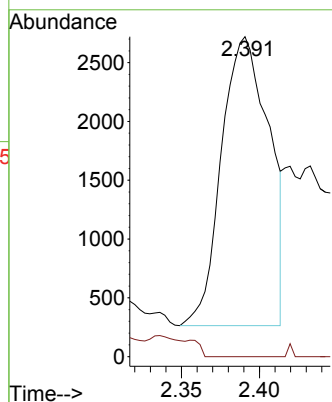
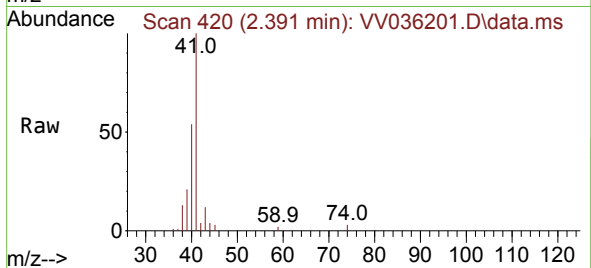
ClientSampleId :

Tgt Ion: 43 Resp: 5225

Ion Ratio Lower Upper

43 100

58 0.7 0.0 24.2



#15

Methyl Acetate

Concen: 1.982 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.006 min

Lab File: VV036201.D

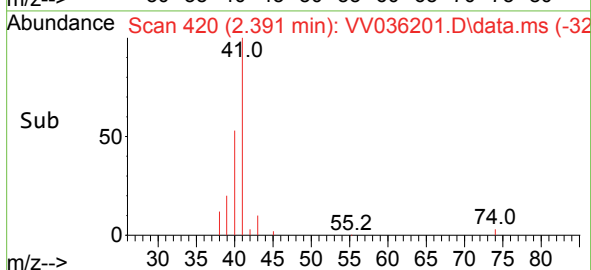
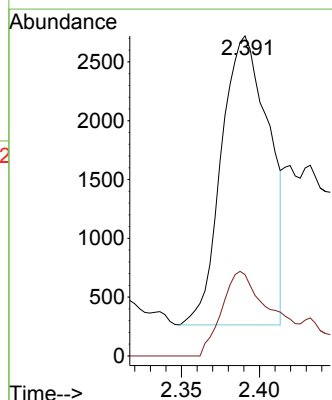
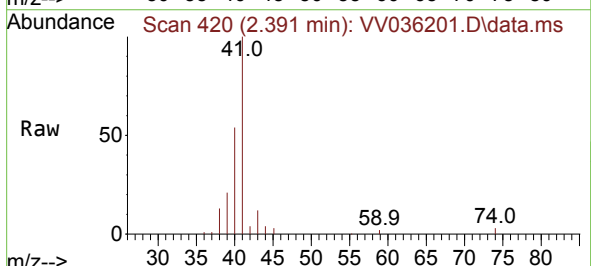
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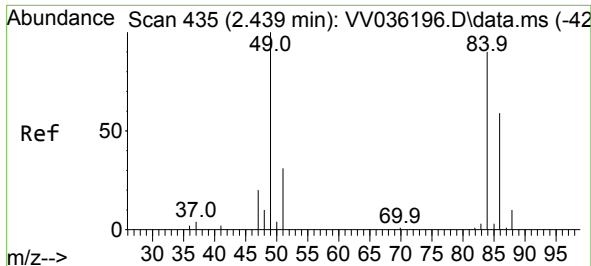
Tgt Ion: 43 Resp: 5225

Ion Ratio Lower Upper

43 100

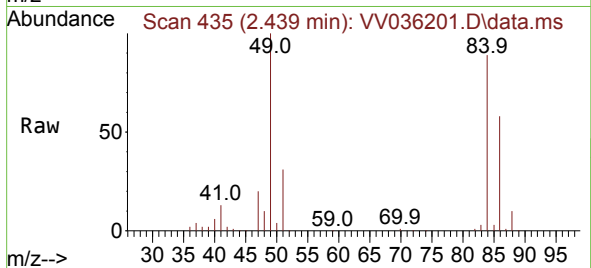
74 31.0 21.4 32.2



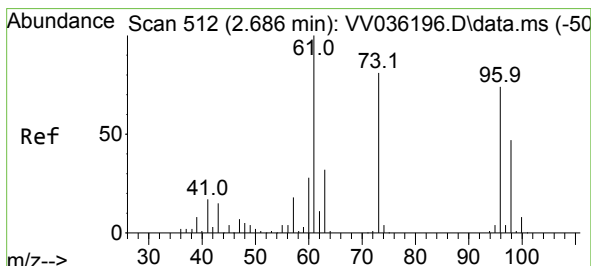
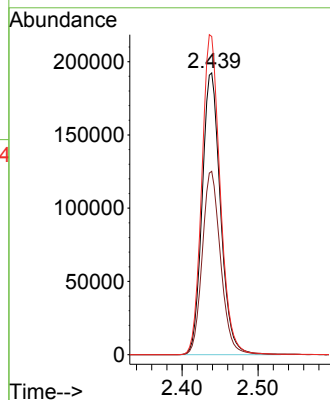
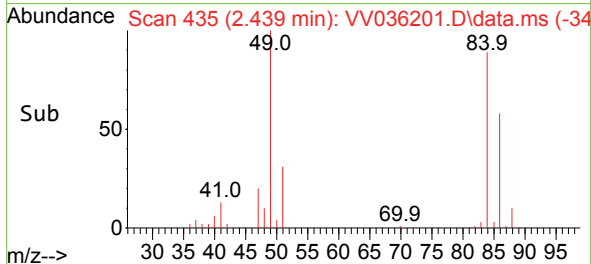


#16
Methylene chloride
Concen: 44.240 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

Instrument :
MSVOA_V
ClientSampleId :

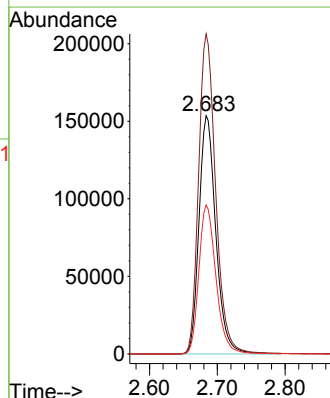
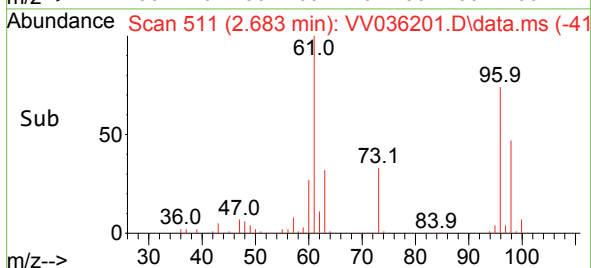
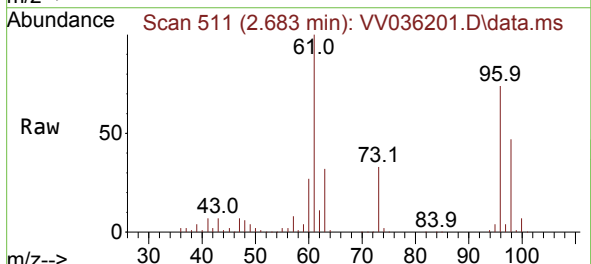


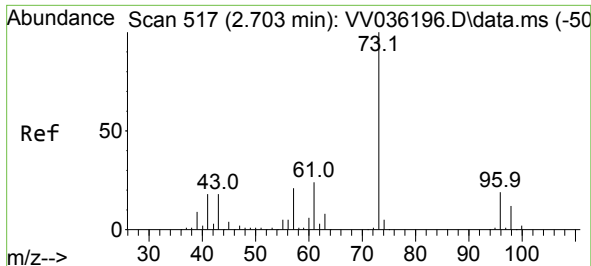
Tgt Ion: 84 Resp: 323104
Ion Ratio Lower Upper
84 100
86 65.1 44.6 82.8
49 112.9 81.1 150.5



#17
trans-1,2-Dichloroethene
Concen: 48.281 ug/L
RT: 2.683 min Scan# 511
Delta R.T. -0.003 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

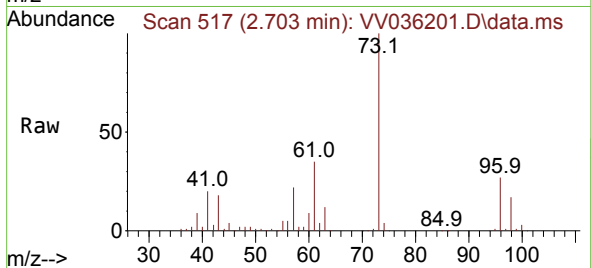
Tgt Ion: 96 Resp: 265080
Ion Ratio Lower Upper
96 100
61 134.3 99.4 184.6
98 62.5 44.9 83.3



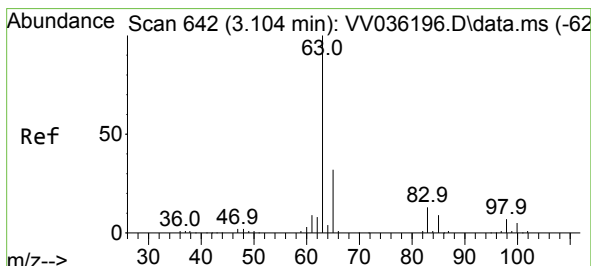
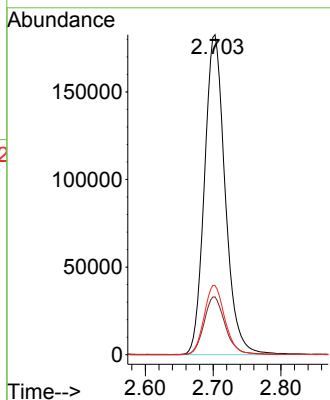
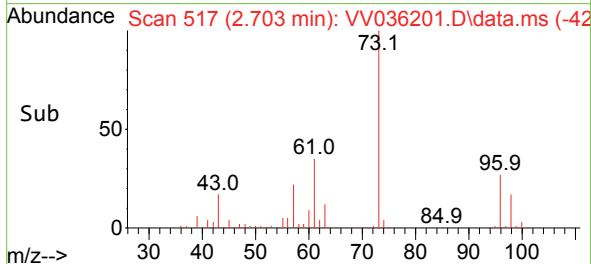


#18
Methyl tert-butyl Ether
Concen: 31.380 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

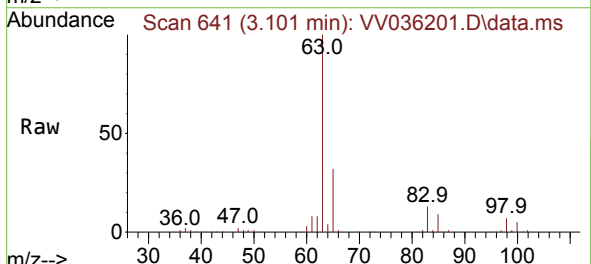
Instrument :
MSVOA_V
ClientSampleId :



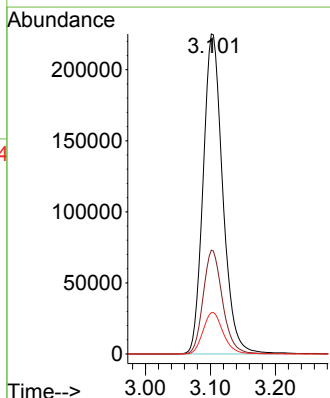
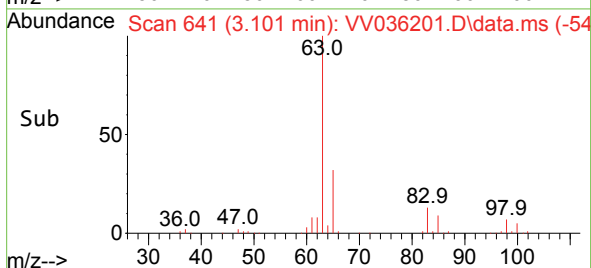
Tgt Ion: 73 Resp: 386782
Ion Ratio Lower Upper
73 100
43 18.4 14.3 21.5
57 21.8 17.8 26.6

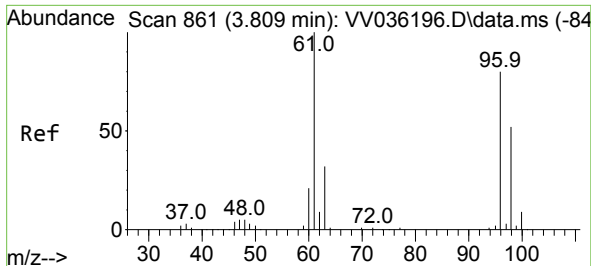


#19
1,1-Dichloroethane
Concen: 45.143 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59



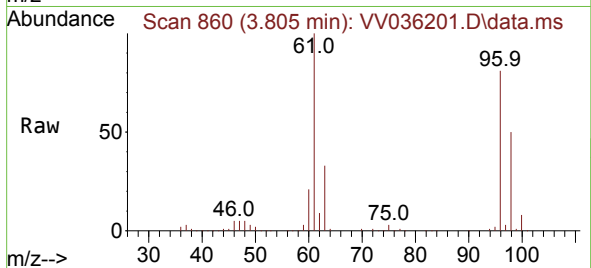
Tgt Ion: 63 Resp: 472000
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 12.9 9.2 17.0





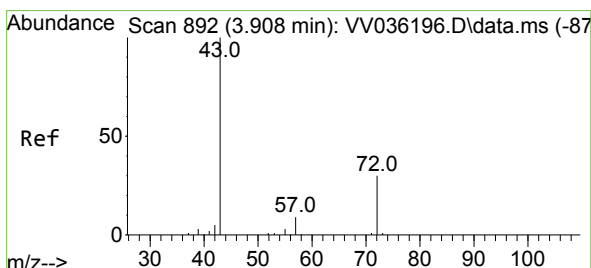
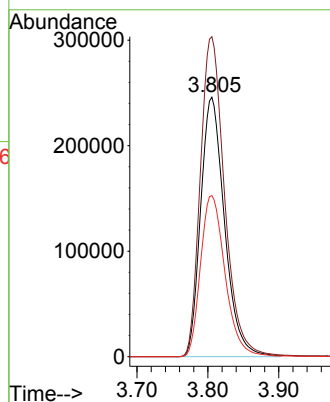
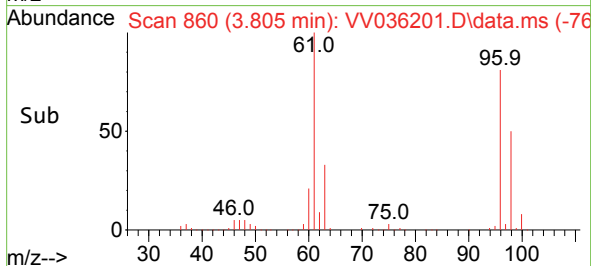
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 cis-1,2-Dichloroethene
 Concen: 104.258 ug/L
 RT: 3.805 min Scan# 861
 Delta R.T. -0.003 min
 Lab File: VV036201.D
 Acq: 21 Jun 2024 12:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 575180

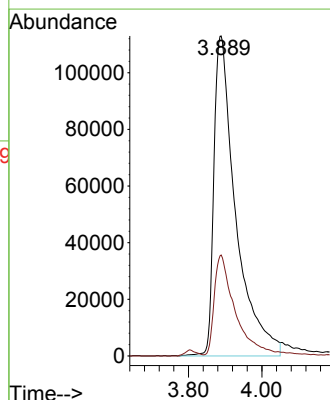
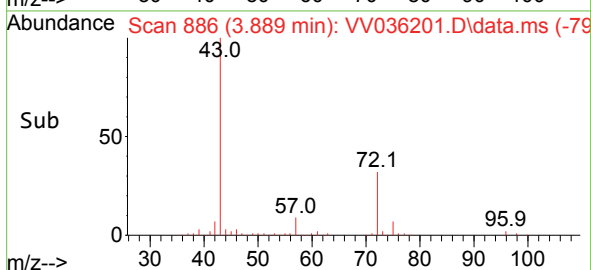
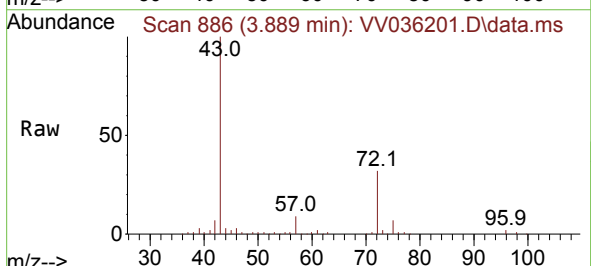
Ion	Ratio	Lower	Upper
96	100		
61	123.3	87.9	163.3
98	62.1	44.4	82.5

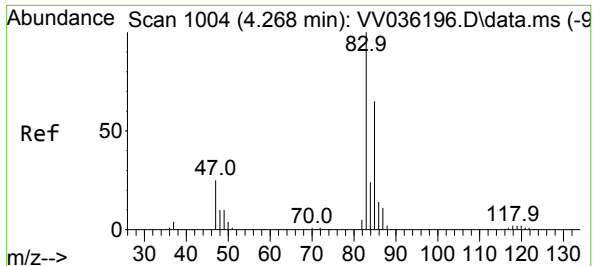


#22
 2-Butanone
 Concen: 259.761 ug/L
 RT: 3.889 min Scan# 886
 Delta R.T. -0.019 min
 Lab File: VV036201.D
 Acq: 21 Jun 2024 12:59

Tgt Ion: 43 Resp: 467447

Ion	Ratio	Lower	Upper
43	100		
72	29.1	8.2	24.4

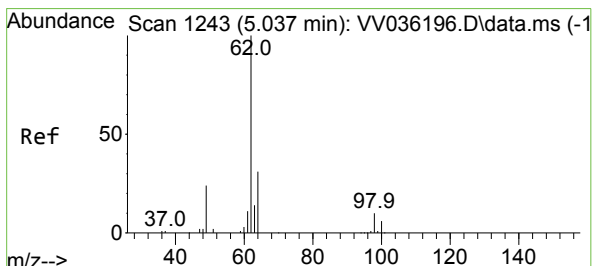
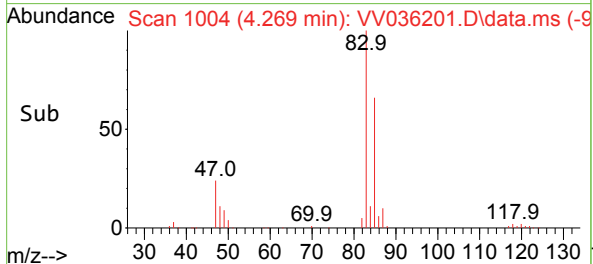
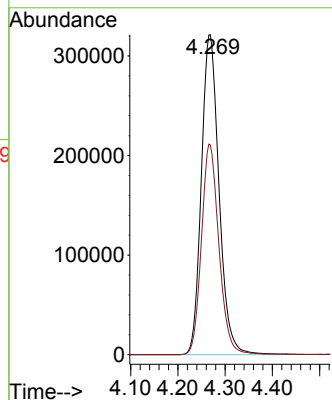
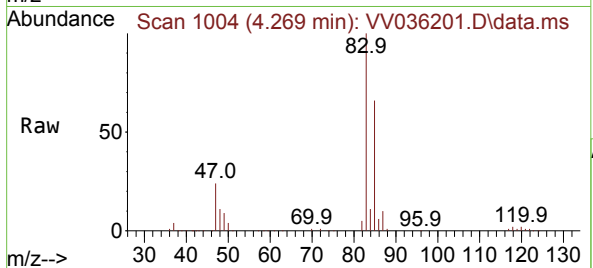




#25
Chloroform
Concen: 77.444 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

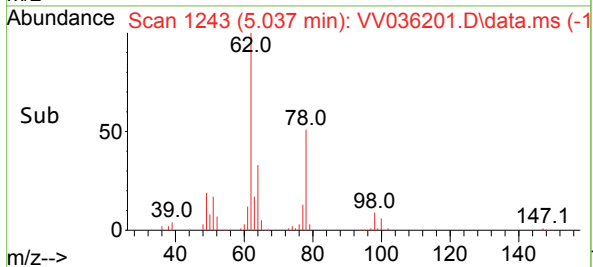
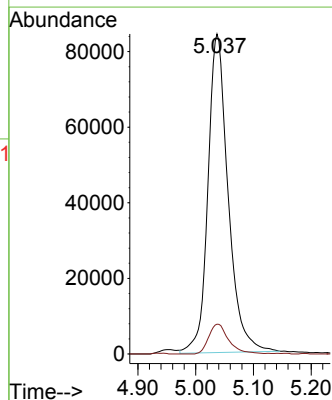
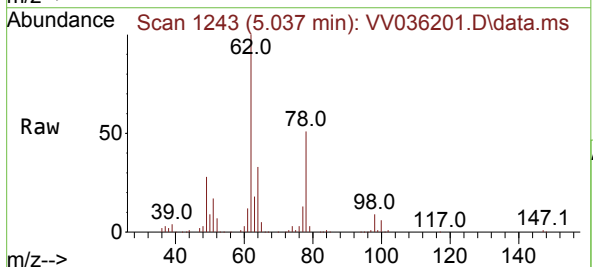
Instrument :
MSVOA_V
ClientSampleId :

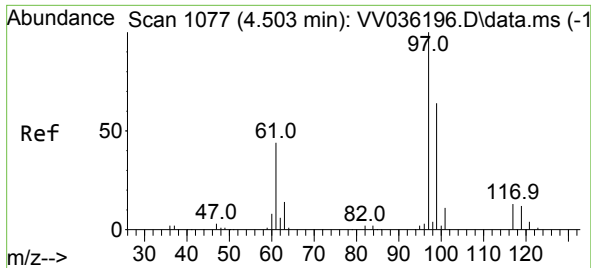
Tgt Ion: 83 Resp: 832950
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0



#27
1,2-Dichloroethane
Concen: 30.520 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

Tgt Ion: 62 Resp: 204936
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.6

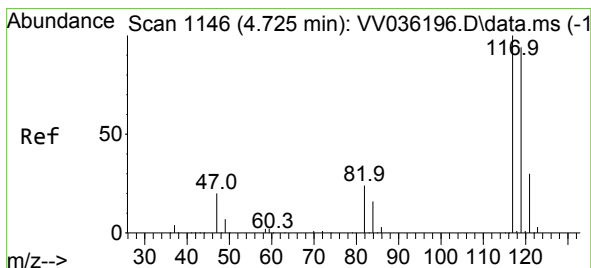
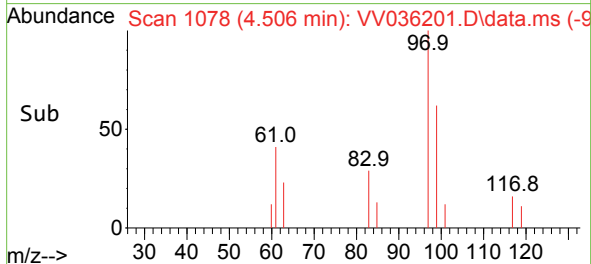
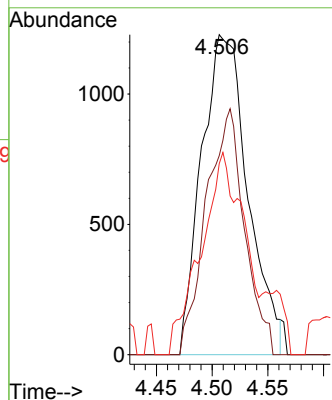
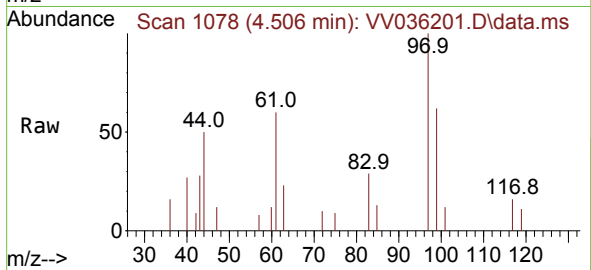




#30
 1,1,1-Trichloroethane
 Concen: 0.399 ug/L
 RT: 4.506 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV036201.D
 Acq: 21 Jun 2024 12:59

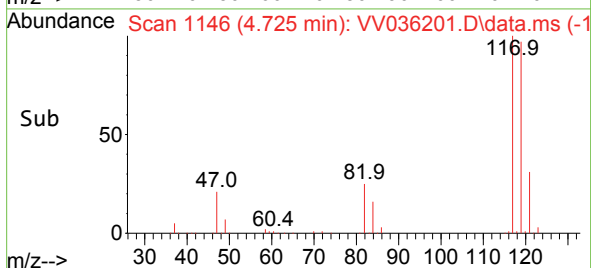
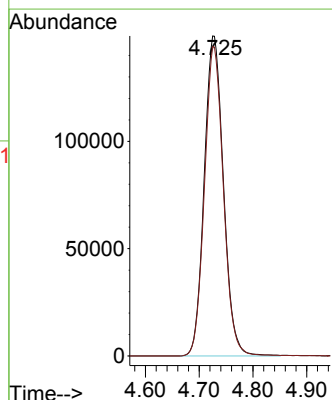
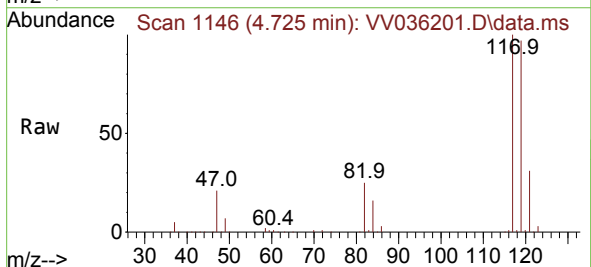
Instrument :
 MSVOA_V
 ClientSampleId :

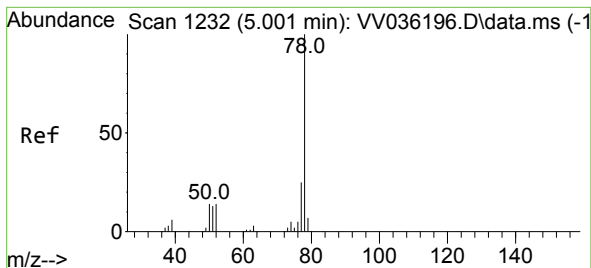
Tgt Ion: 97 Resp: 3553
 Ion Ratio Lower Upper
 97 100
 99 62.8 50.9 76.3
 61 15.1 35.0 52.6#



#31
 Carbon tetrachloride
 Concen: 47.400 ug/L
 RT: 4.725 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VV036201.D
 Acq: 21 Jun 2024 12:59

Tgt Ion: 117 Resp: 370291
 Ion Ratio Lower Upper
 117 100
 119 95.2 76.8 115.2





#33

Benzene

Concen: 43.570 ug/L

RT: 5.002 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036201.D

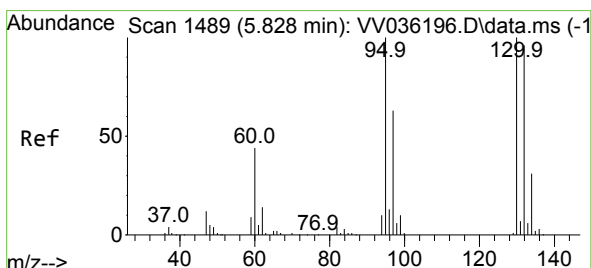
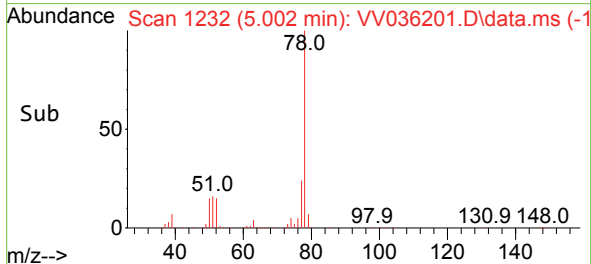
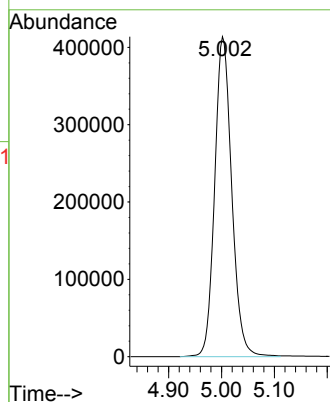
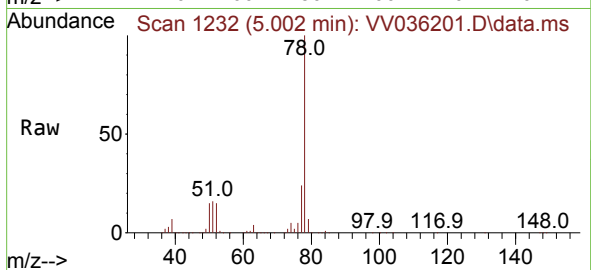
Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 928189



#34

Trichloroethene

Concen: 41.892 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Tgt Ion: 95 Resp: 273522

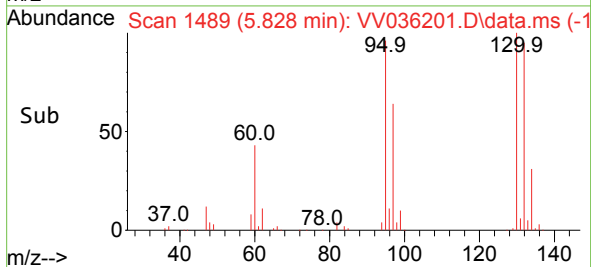
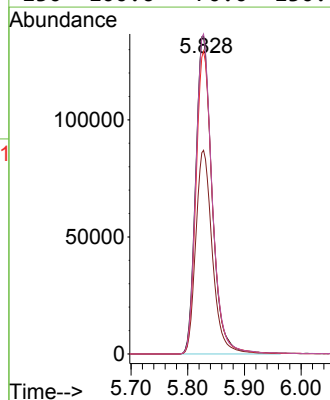
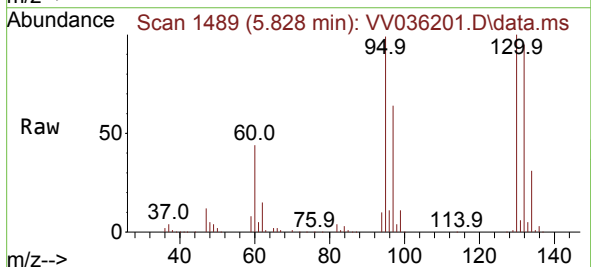
Ion Ratio Lower Upper

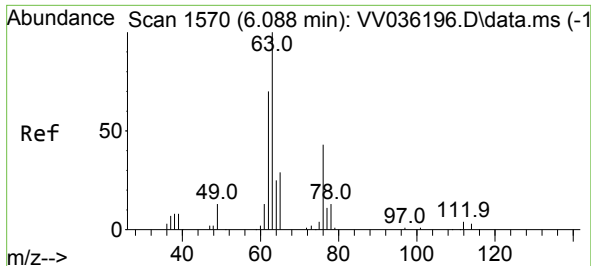
95 100

97 64.1 44.8 83.2

132 95.2 66.8 124.2

130 100.6 70.0 130.0





#37

1,2-Dichloropropane

Concen: 15.719 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

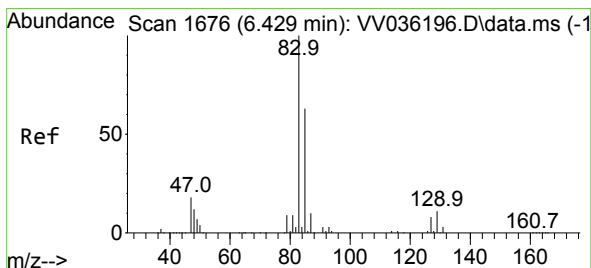
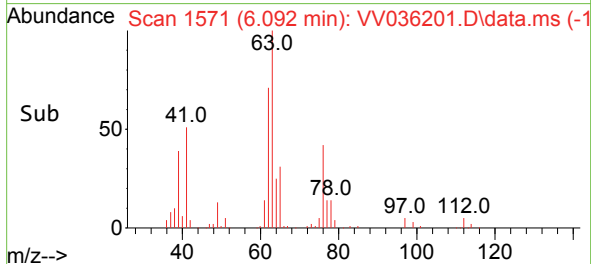
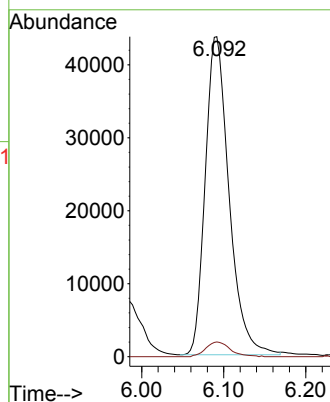
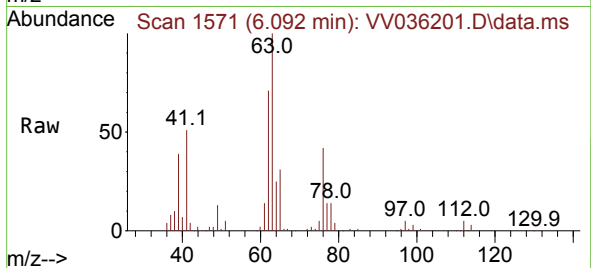
ClientSampleId :

Tgt Ion: 63 Resp: 87931

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 86.838 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

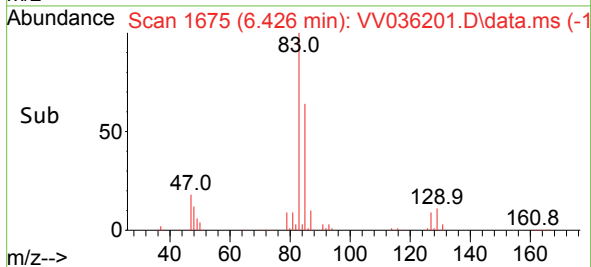
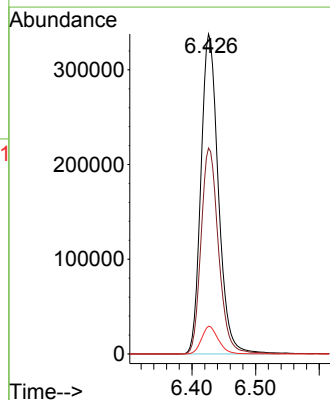
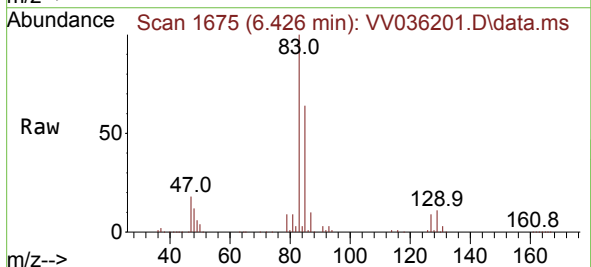
Tgt Ion: 83 Resp: 642946

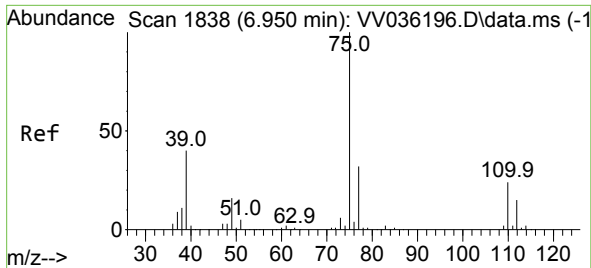
Ion Ratio Lower Upper

83 100

85 64.3 45.3 84.1

127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 97.918 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

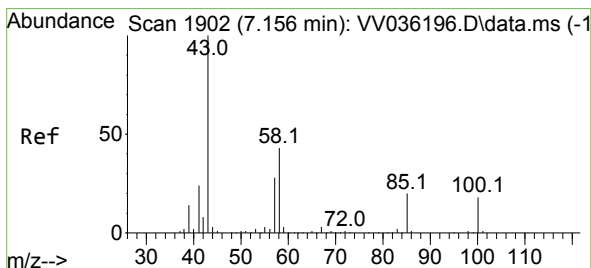
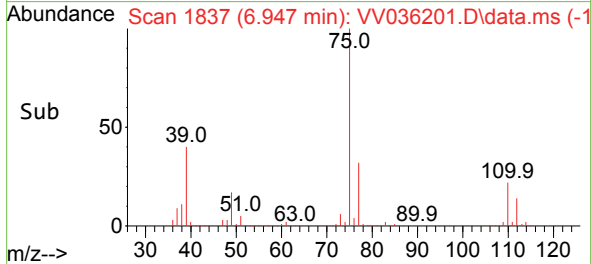
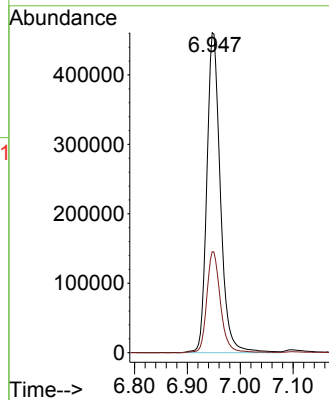
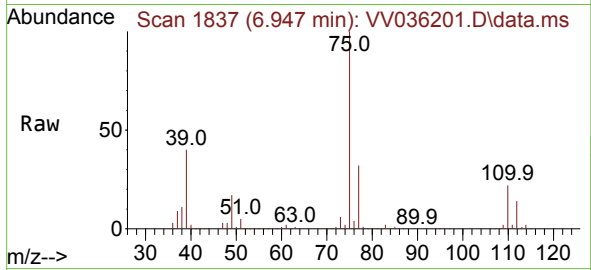
ClientSampleId :

Tgt Ion: 75 Resp: 819238

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 135.983 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

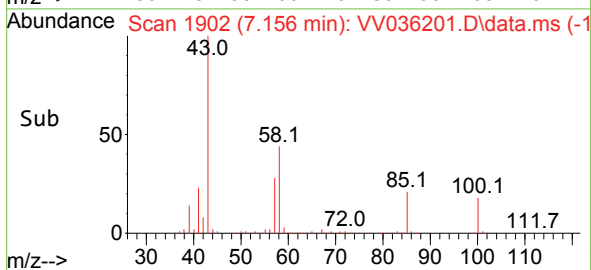
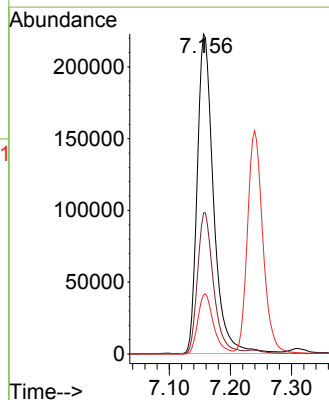
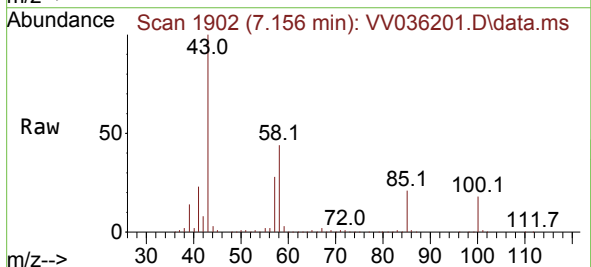
Tgt Ion: 43 Resp: 413275

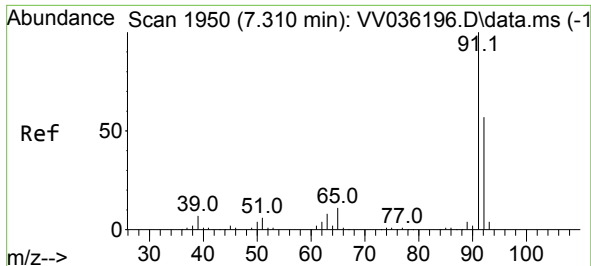
Ion Ratio Lower Upper

43 100

58 43.6 32.5 48.7

100 18.1 12.5 18.7





#42

Toluene

Concen: 39.511 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

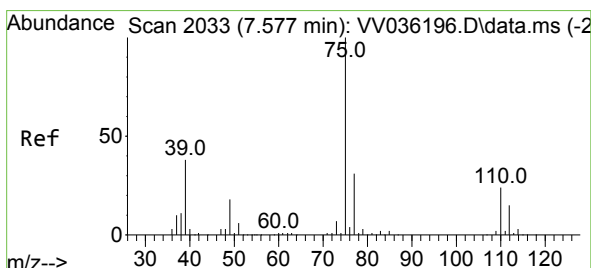
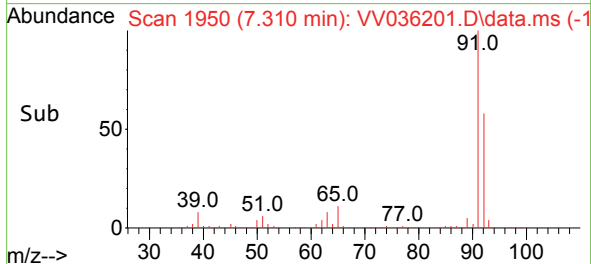
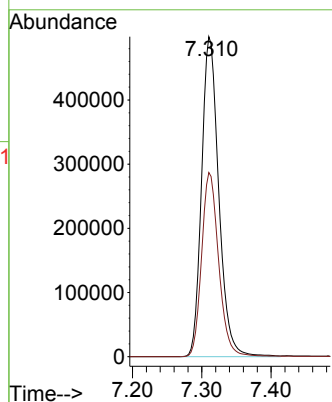
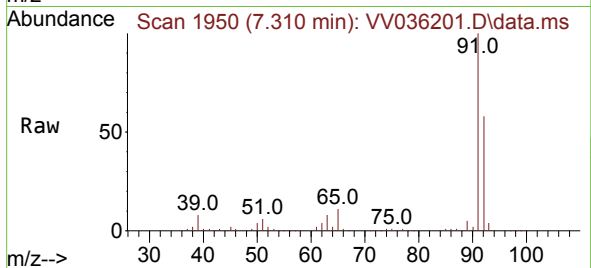
ClientSampleId :

Tgt Ion: 91 Resp: 860102

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 57.262 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036201.D

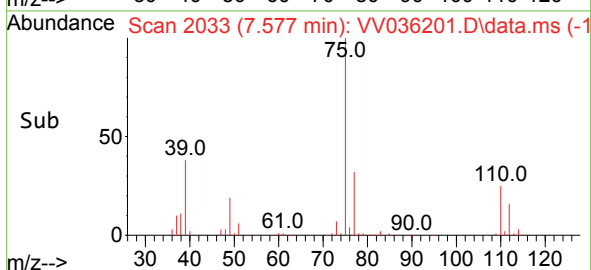
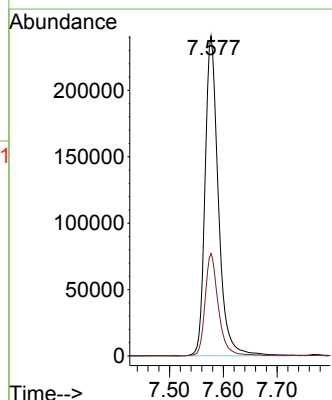
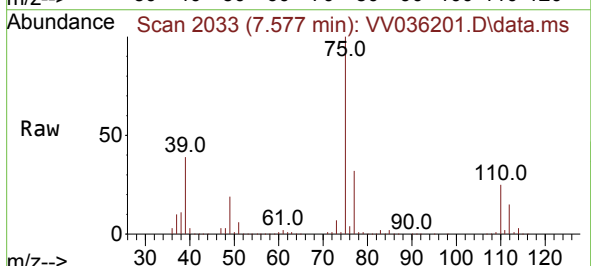
Acq: 21 Jun 2024 12:59

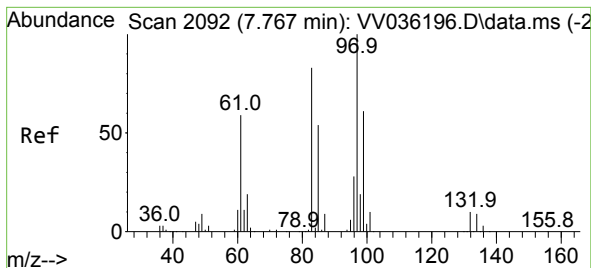
Tgt Ion: 75 Resp: 413818

Ion Ratio Lower Upper

75 100

77 32.0 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 31.247 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 144624

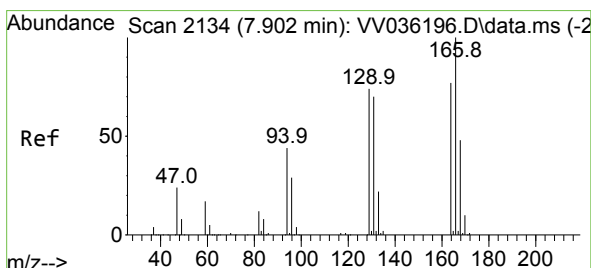
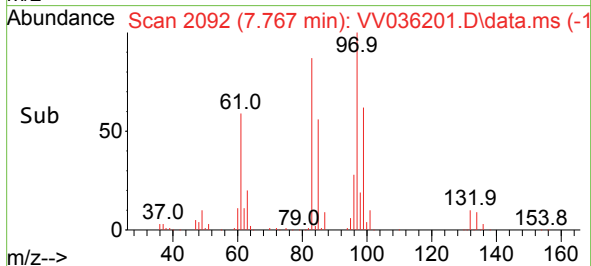
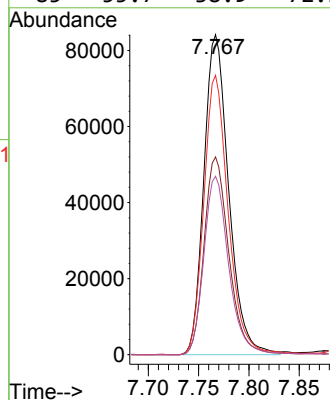
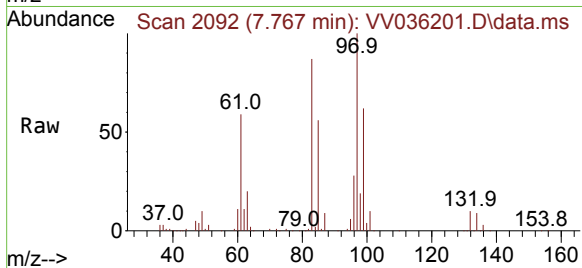
Ion Ratio Lower Upper

97 100

99 61.8 43.3 80.5

83 87.3 60.1 111.7

85 55.7 38.9 72.3



#46

Tetrachloroethene

Concen: 56.846 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Tgt Ion:164 Resp: 271455

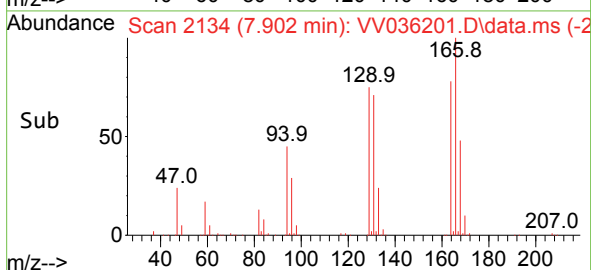
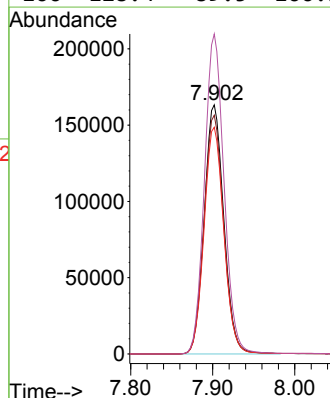
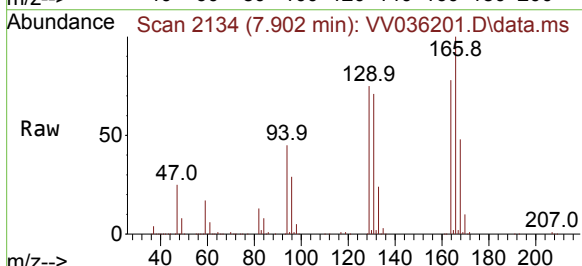
Ion Ratio Lower Upper

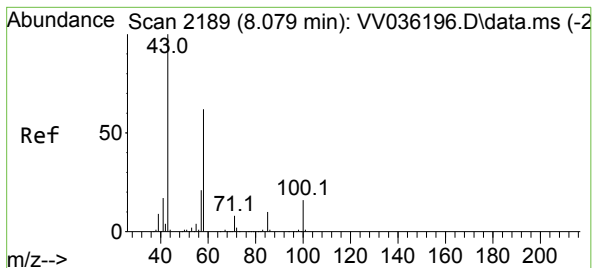
164 100

129 95.8 64.6 120.0

131 91.0 63.2 117.4

166 128.4 89.5 166.3





#48

2-Hexanone

Concen: 147.411 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

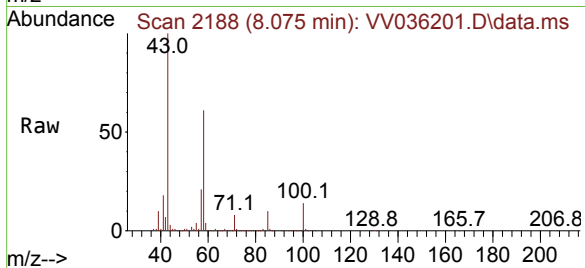
Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 350243

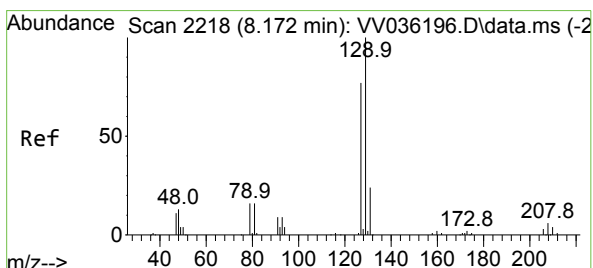
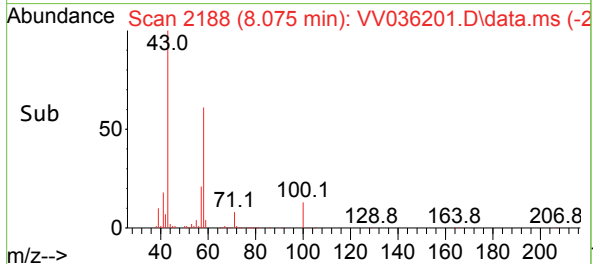
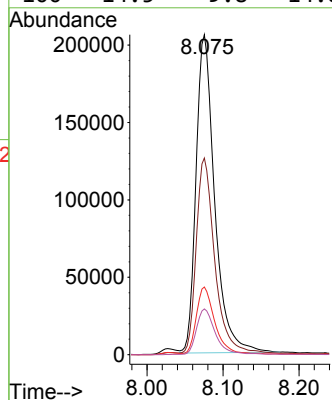
Ion Ratio Lower Upper

43 100

58 62.3 45.4 68.0

57 20.5 15.8 23.8

100 14.5 9.8 14.8



#49

Dibromochloromethane

Concen: 102.193 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036201.D

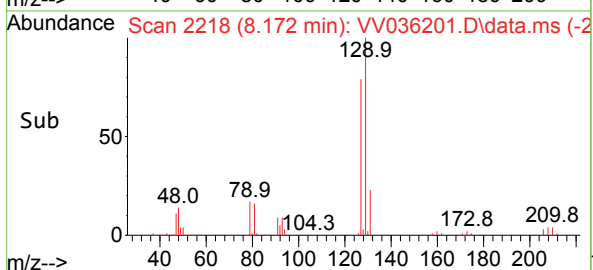
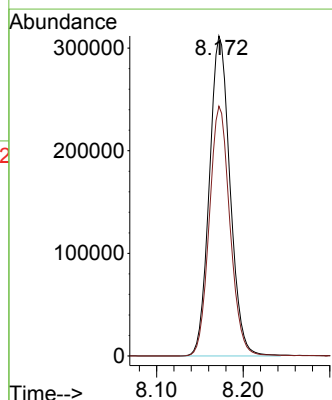
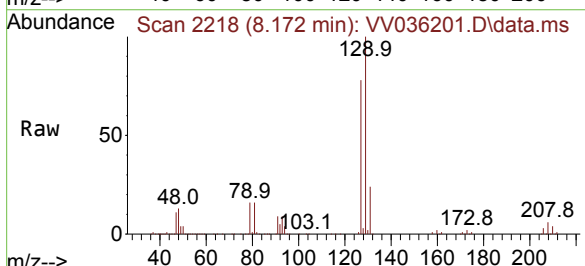
Acq: 21 Jun 2024 12:59

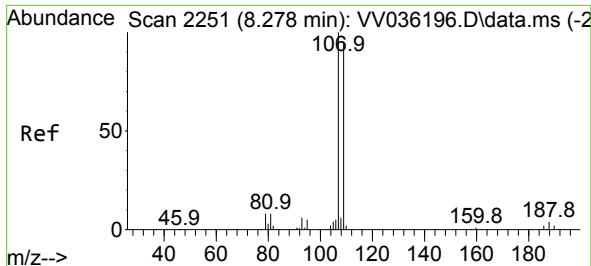
Tgt Ion: 129 Resp: 517667

Ion Ratio Lower Upper

129 100

127 78.1 53.9 100.1

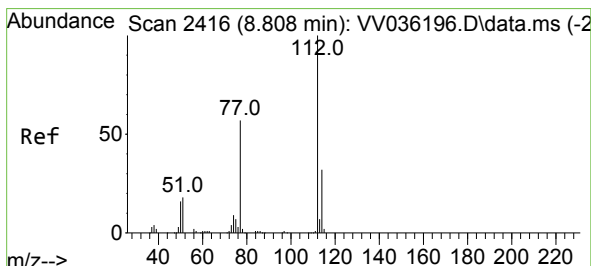
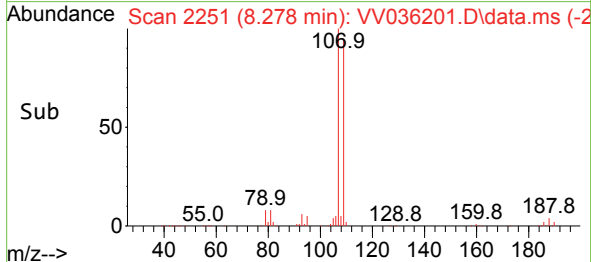
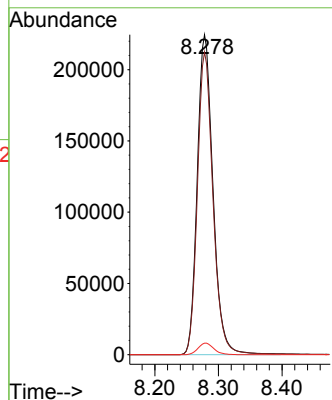
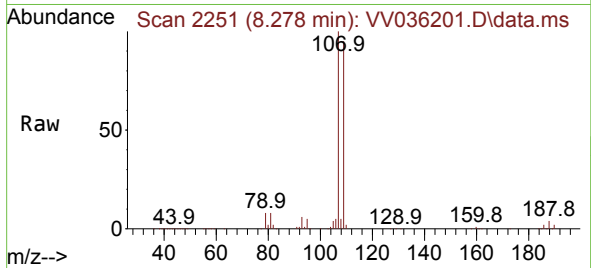




#50
1,2-Dibromoethane
Concen: 87.056 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

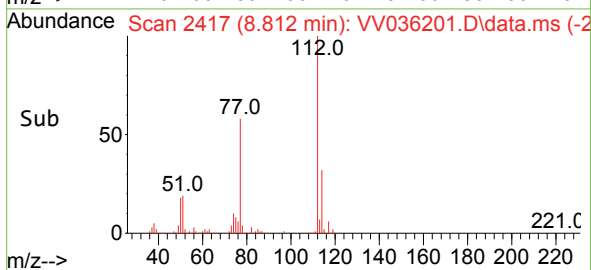
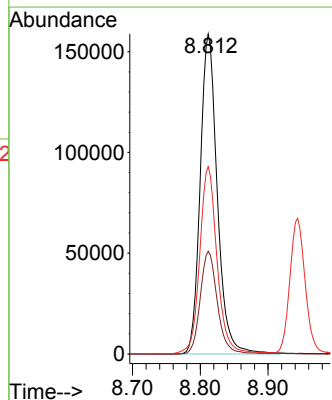
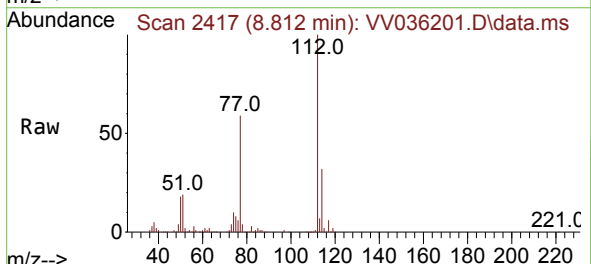
Instrument :
MSVOA_V
ClientSampleId :

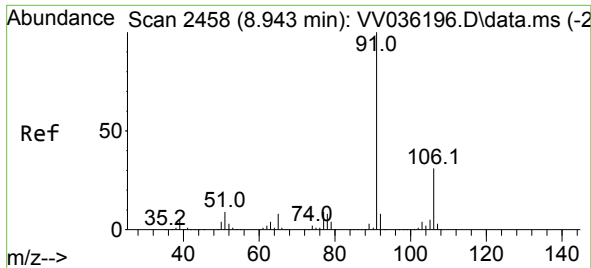
Tgt Ion:107 Resp: 386627
Ion Ratio Lower Upper
107 100
109 94.6 66.1 122.7
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 18.710 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

Tgt Ion:112 Resp: 277508
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 58.5 47.3 70.9

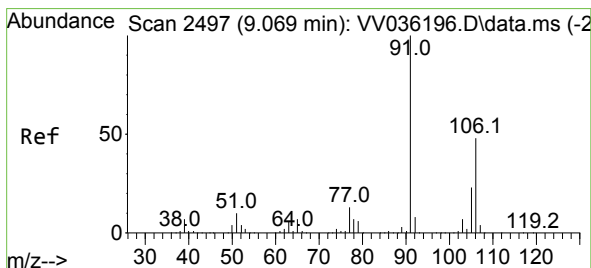
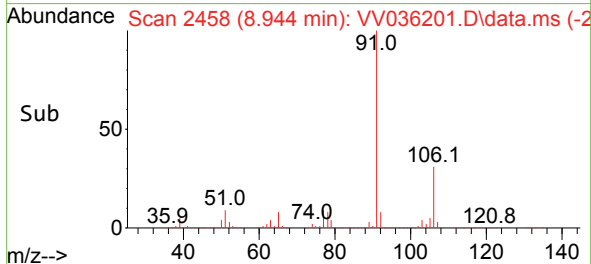
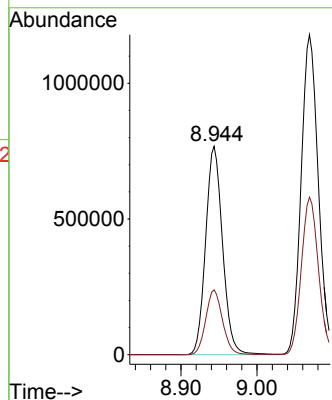
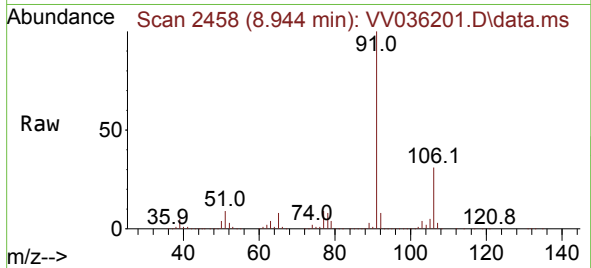




#52
Ethylbenzene
Concen: 50.982 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

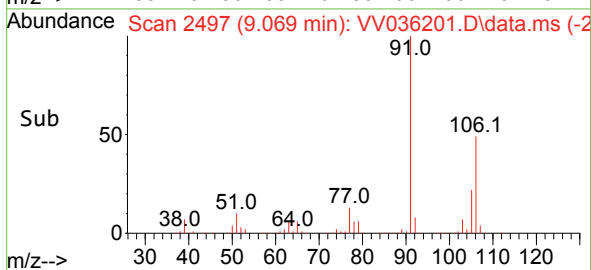
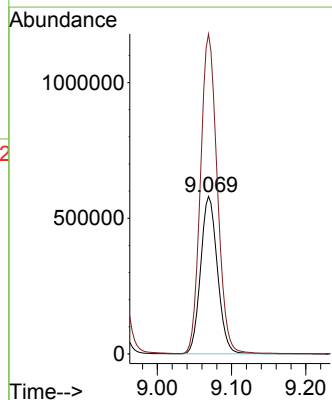
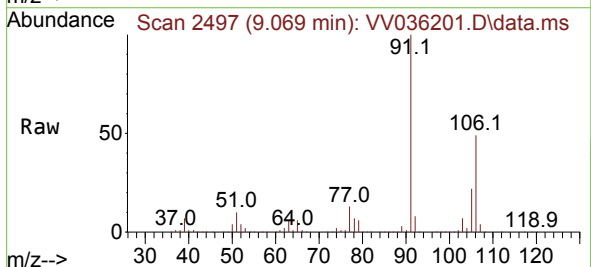
Instrument :
MSVOA_V
ClientSampleId :

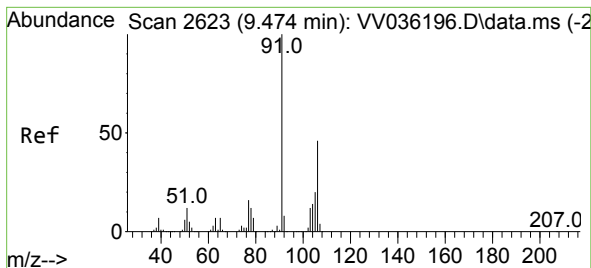
Tgt Ion: 91 Resp: 1187377
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 104.282 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

Tgt Ion: 106 Resp: 912593
Ion Ratio Lower Upper
106 100
91 203.0 143.1 265.9





#54

o-Xylene

Concen: 46.430 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

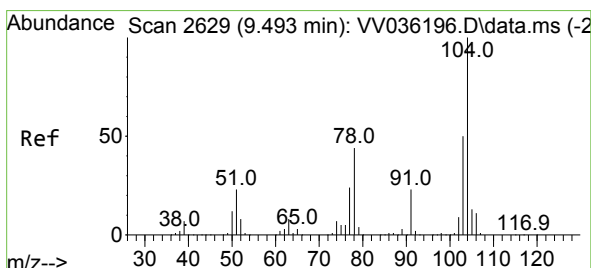
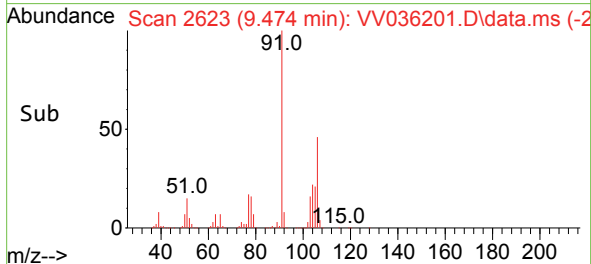
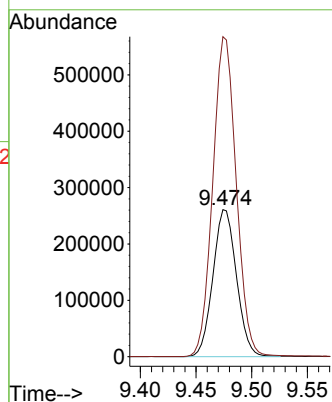
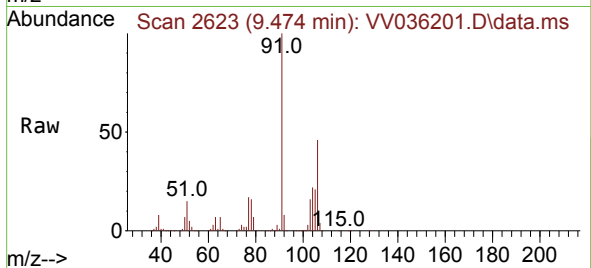
ClientSampleId :

Tgt Ion:106 Resp: 383168

Ion Ratio Lower Upper

106 100

91 217.6 154.5 286.9



#55

Styrene

Concen: 74.669 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV036201.D

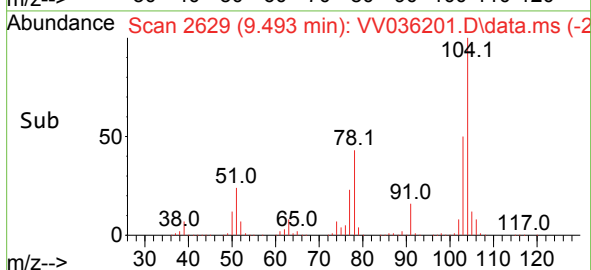
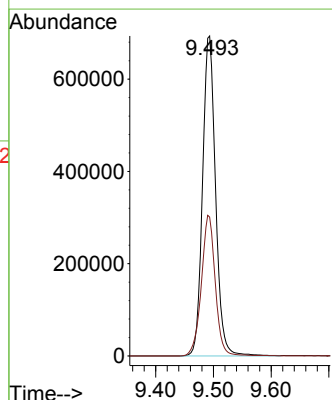
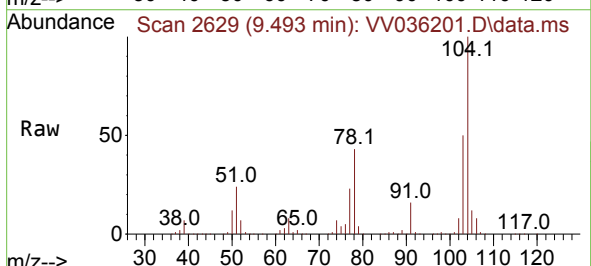
Acq: 21 Jun 2024 12:59

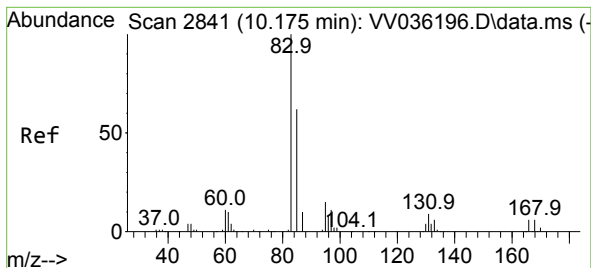
Tgt Ion:104 Resp: 1086666

Ion Ratio Lower Upper

104 100

78 43.4 31.4 58.2

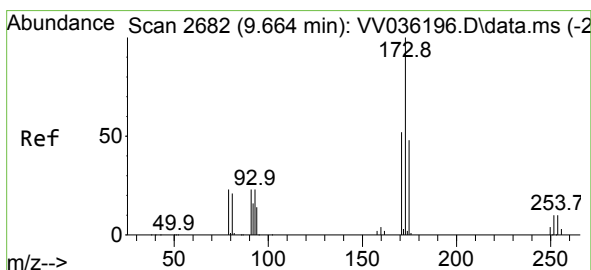
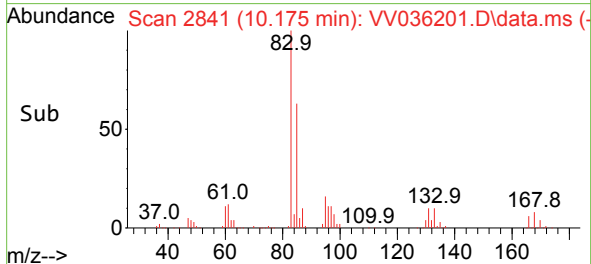
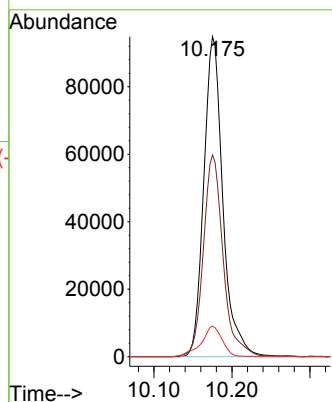
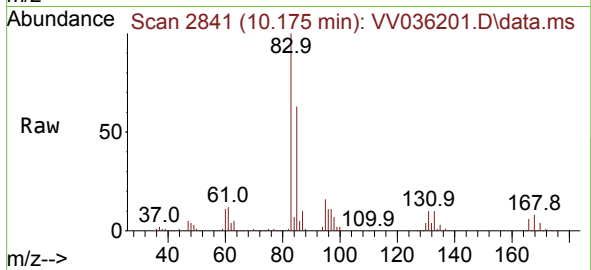




#57
1,1,2,2-Tetrachloroethane
Concen: 38.891 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

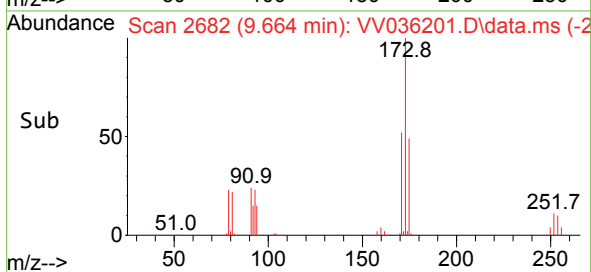
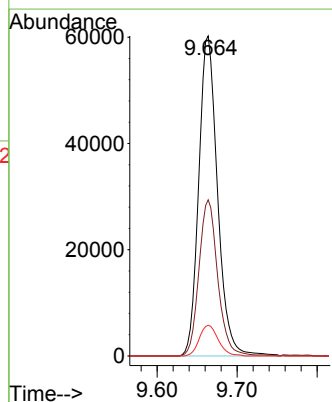
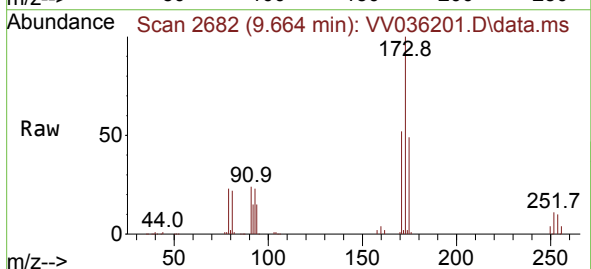
Instrument :
MSVOA_V
ClientSampleId :

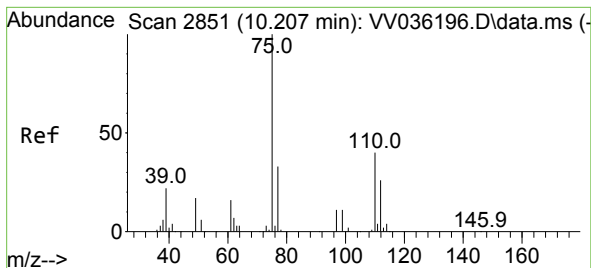
Tgt Ion: 83 Resp: 161180
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7
131 9.5 7.6 11.4



#59
Bromoform
Concen: 28.848 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036201.D
Acq: 21 Jun 2024 12:59

Tgt Ion: 173 Resp: 98685
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 9.7 8.6 13.0





#61

1,2,3-Trichloropropane

Concen: 65.981 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :

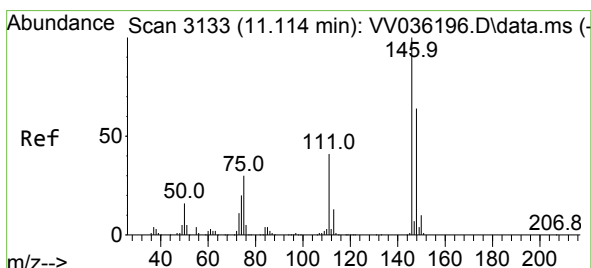
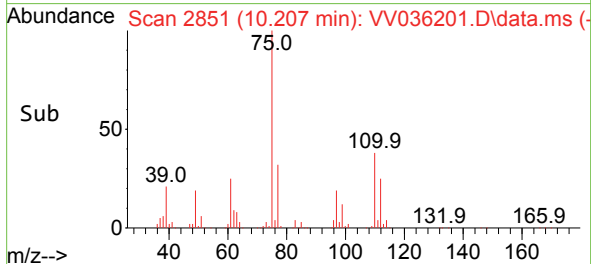
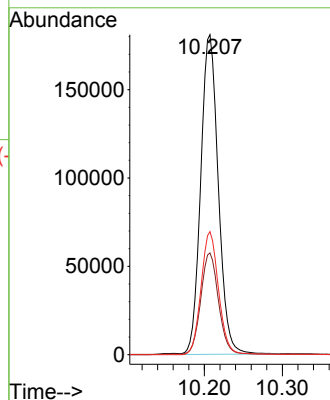
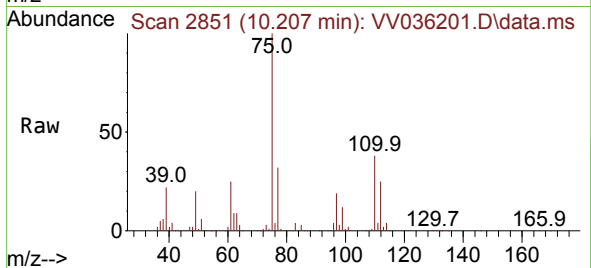
Tgt Ion: 75 Resp: 283070

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

110 38.4 32.2 48.4



#64

1,3-Dichlorobenzene

Concen: 96.525 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

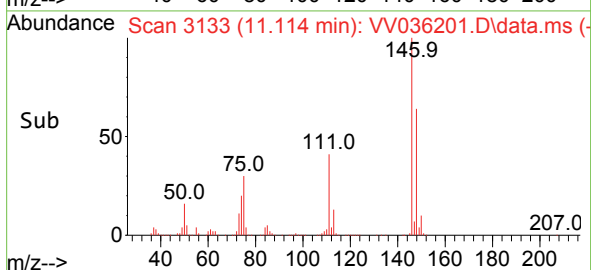
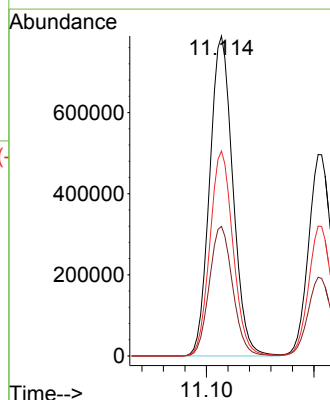
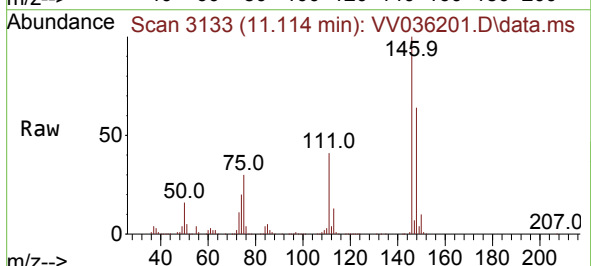
Tgt Ion: 146 Resp: 1179682

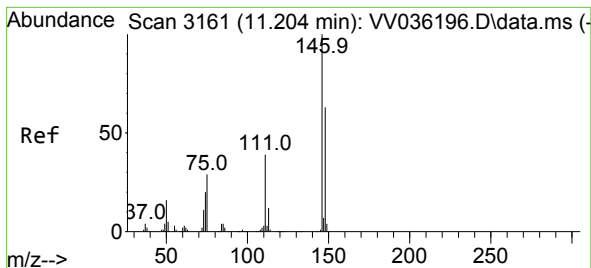
Ion Ratio Lower Upper

146 100

111 40.5 28.1 52.1

148 64.1 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 60.363 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :

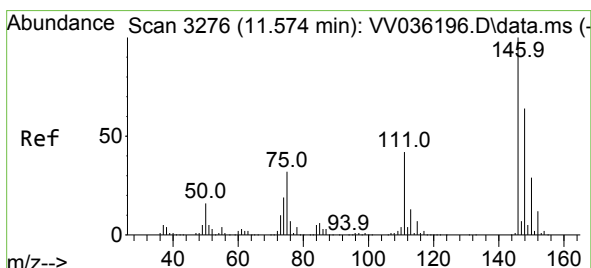
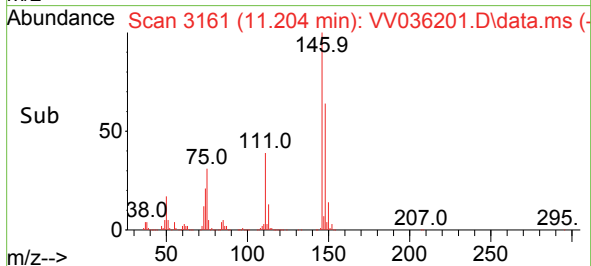
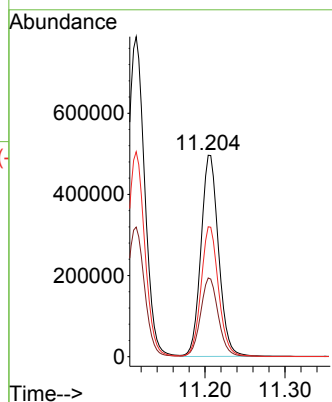
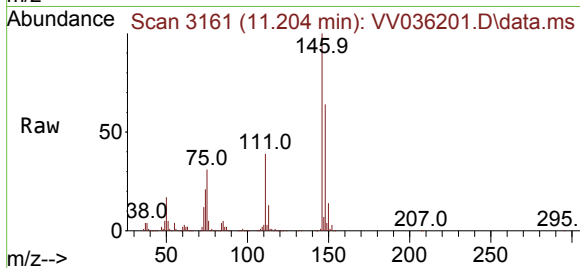
Tgt Ion:146 Resp: 761463

Ion Ratio Lower Upper

146 100

111 39.1 26.9 50.1

148 64.4 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 31.014 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

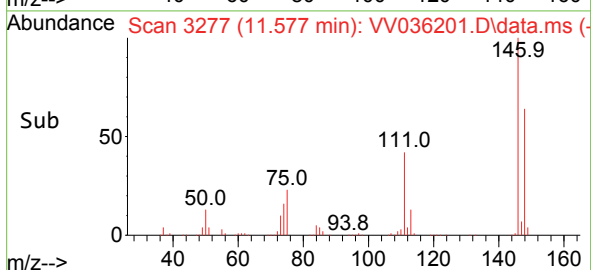
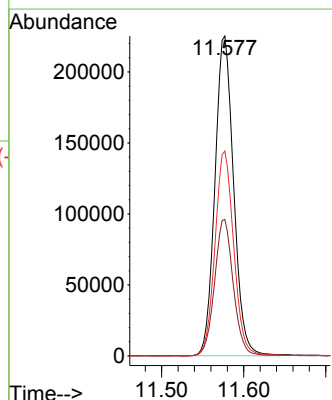
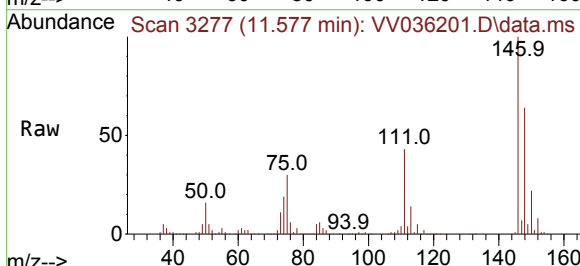
Tgt Ion:146 Resp: 356681

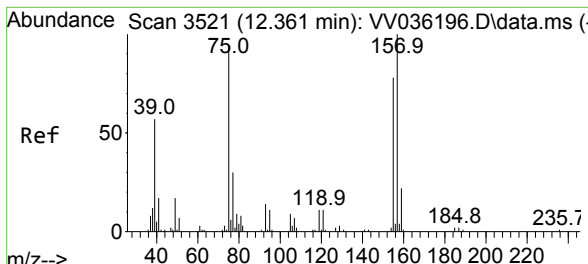
Ion Ratio Lower Upper

146 100

111 42.6 33.5 50.3

148 64.1 50.9 76.3

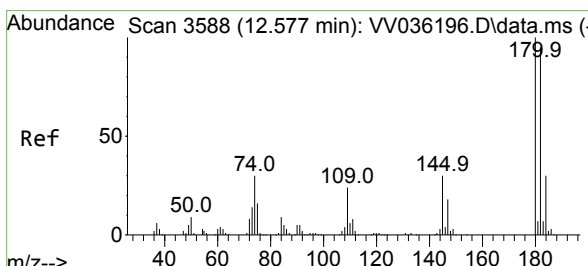
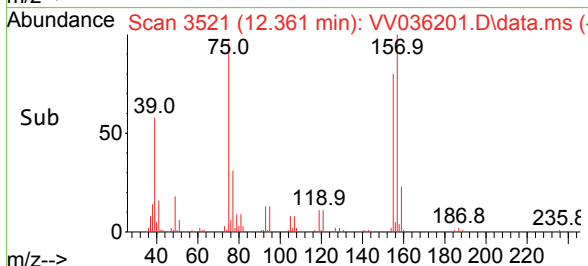
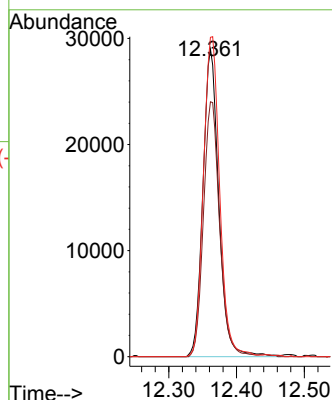
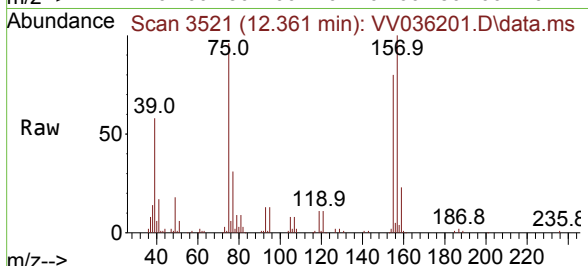




#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.271 ug/L
 RT: 12.361 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV036201.D
 Acq: 21 Jun 2024 12:59

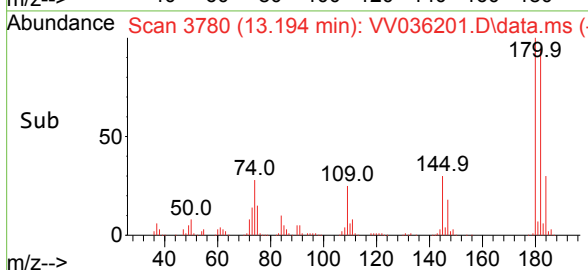
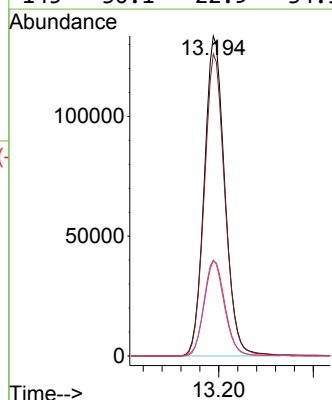
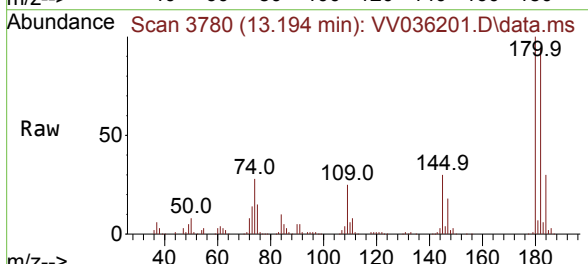
Instrument :
 MSVOA_V
 ClientSampleId :

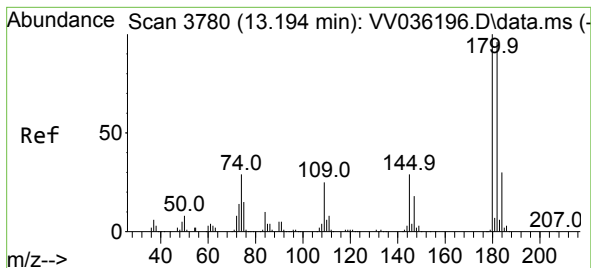
Tgt Ion: 75	Resp: 47268
Ion Ratio	Lower Upper
75	100
155	82.8 63.3 94.9
157	103.8 82.4 123.6



#69
 1,3,5-Trichlorobenzene
 Concen: 22.032 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.614 min
 Lab File: VV036201.D
 Acq: 21 Jun 2024 12:59

Tgt Ion: 180	Resp: 201419
Ion Ratio	Lower Upper
180	100
182	95.0 76.2 114.4
184	30.1 24.2 36.2
145	30.1 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 27.982 ug/L

RT: 13.194 min Scan# 31

Delta R.T. 0.000 min

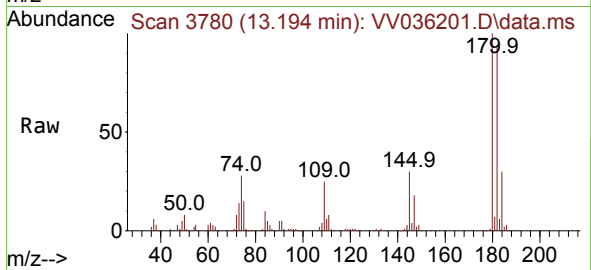
Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :



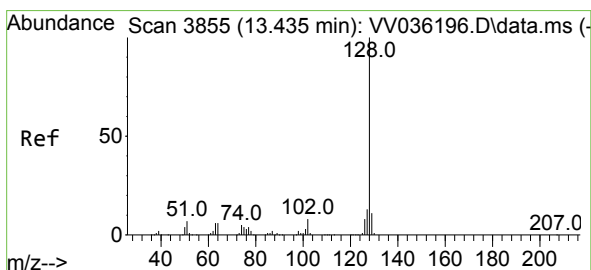
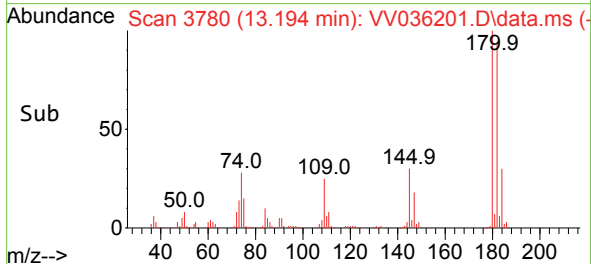
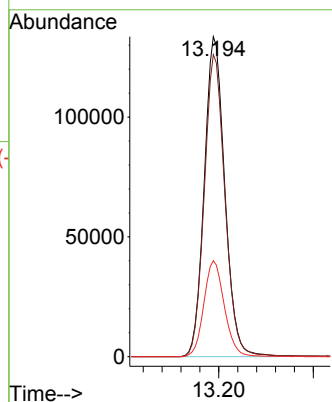
Tgt Ion:180 Resp: 201419

Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

145 30.1 23.5 35.3



#71

Naphthalene

Concen: 104.060 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036201.D

Acq: 21 Jun 2024 12:59

Tgt Ion:128 Resp: 1222393

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.8 13.2

