

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036774.D
 Acq On : 05 Aug 2024 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 02:49:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	540411	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	506625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	250377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	199338	46.182	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.360%		
7) Chloroethane-d5	1.532	69	157494	46.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.540%		
11) 1,1-Dichloroethene-d2	2.056	65	86304	46.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.480%		
21) 2-Butanone-d5	3.786	46	179104	78.316	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.320%		
24) Chloroform-d	4.240	84	363891	46.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.960%		
26) 1,2-Dichloroethane-d4	4.931	65	227060	45.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.180%		
32) Benzene-d6	4.950	84	726313	47.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
36) 1,2-Dichloropropane-d6	5.982	67	227866	46.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.320%		
41) Toluene-d8	7.236	98	665899	47.440	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.880%		
43) trans-1,3-Dichloroprop...	7.545	79	118786	46.235	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.480%		
47) 2-Hexanone-d5	8.021	63	106568	75.078	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.080%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	229918	40.562	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.120%		
66) 1,2-Dichlorobenzene-d4	11.554	152	238335	46.714	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	223028	51.759	ug/L	99
3) Chloromethane	1.217	50	216426	47.994	ug/L	99
5) Vinyl chloride	1.281	62	224860	48.556	ug/L	98
6) Bromomethane	1.487	94	139351	47.794	ug/L	99
8) Chloroethane	1.548	64	136655	47.639	ug/L	99
9) Trichlorofluoromethane	1.712	101	289902	47.792	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	173397	48.512	ug/L	99
12) 1,1-Dichloroethene	2.066	96	161829	47.406	ug/L	90
13) Acetone	2.108	43	159422	83.318	ug/L	98
14) Carbon disulfide	2.236	76	510787	47.633	ug/L	99
15) Methyl Acetate	2.368	43	147877	37.516	ug/L	99
16) Methylene chloride	2.442	84	176803	46.069	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	168616	47.685	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	544854	43.750	ug/L	99
19) 1,1-Dichloroethane	3.101	63	330362	46.243	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	195036	46.993	ug/L	97
22) 2-Butanone	3.867	43	197077	76.884	ug/L	99
23) Bromochloromethane	4.133	128	93638	46.446	ug/L	97
25) Chloroform	4.265	83	339888	46.322	ug/L	99

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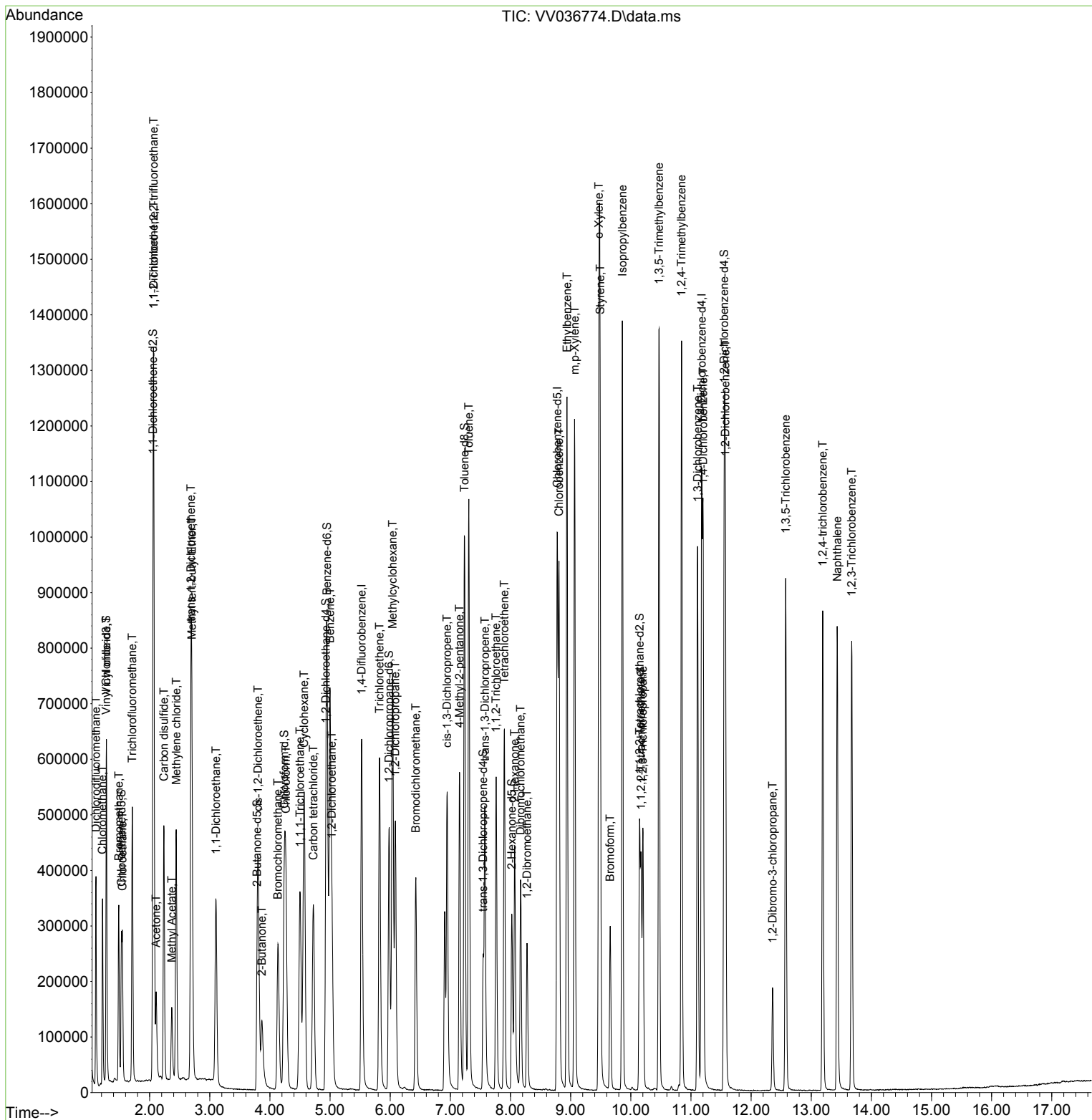
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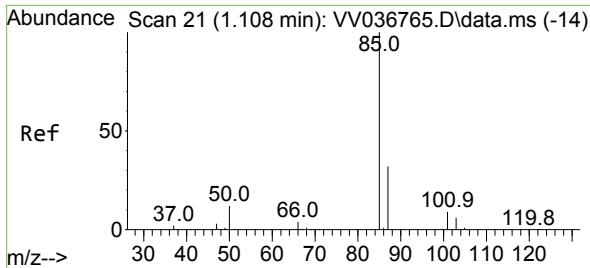
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 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	260912	45.079	ug/L	100
29) Cyclohexane	4.567	56	317434	49.176	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	298919	46.832	ug/L	99
31) Carbon tetrachloride	4.722	117	256622	47.873	ug/L	99
33) Benzene	4.998	78	725544	47.881	ug/L	100
34) Trichloroethene	5.821	95	212344	48.352	ug/L	99
35) Methylcyclohexane	6.040	83	331401	49.177	ug/L	98
37) 1,2-Dichloropropane	6.085	63	191641	47.741	ug/L	99
38) Bromodichloromethane	6.426	83	259880	47.013	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	334018	48.585	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	375579	75.529	ug/L	99
42) Toluene	7.307	91	765892	47.453	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	294298	45.939	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	168889	43.445	ug/L	97
46) Tetrachloroethene	7.899	164	138034	47.918	ug/L	99
48) 2-Hexanone	8.069	43	275110	75.203	ug/L	100
49) Dibromochloromethane	8.169	129	187438	46.920	ug/L	99
50) 1,2-Dibromoethane	8.275	107	179829	44.585	ug/L	99
51) Chlorobenzene	8.805	112	482481	46.589	ug/L	99
52) Ethylbenzene	8.940	91	876316	47.551	ug/L	100
53) m,p-Xylene	9.066	106	325426	47.241	ug/L	99
54) o-Xylene	9.471	106	319394	47.405	ug/L	100
55) Styrene	9.490	104	545755	47.267	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	200885	38.297	ug/L	100
59) Bromoform	9.657	173	123663	44.646	ug/L	99
60) Isopropylbenzene	9.860	105	866790	47.553	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	184970	41.039	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	730602	48.143	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	722905	47.587	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	373525	47.652	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	372986	46.793	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	359308	46.935	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	48745	37.425	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	263373	47.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	244969	45.917	ug/L	99
71) Naphthalene	13.432	128	650424	38.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	232729	44.564	ug/L	100

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

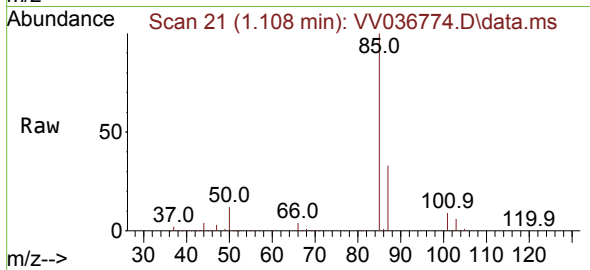
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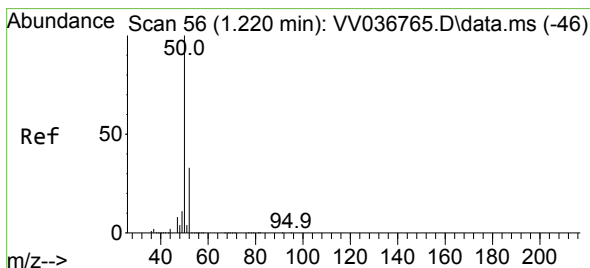
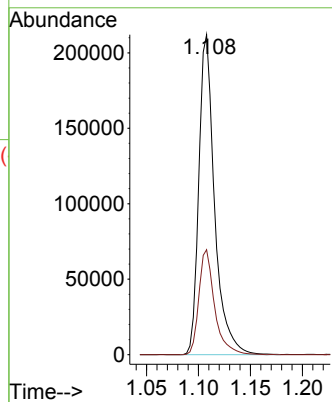
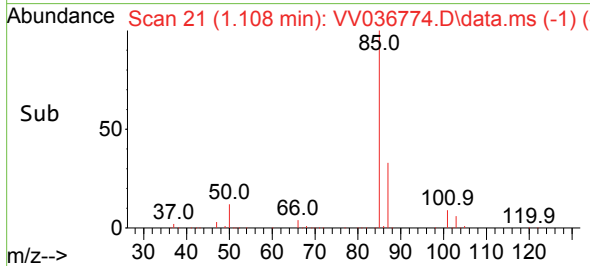


#2
 Dichlorodifluoromethane
 Concen: 51.759 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036774.D
 Acq: 05 Aug 2024 09:47

Instrument :
 MSVOA_V
 ClientSampleId :

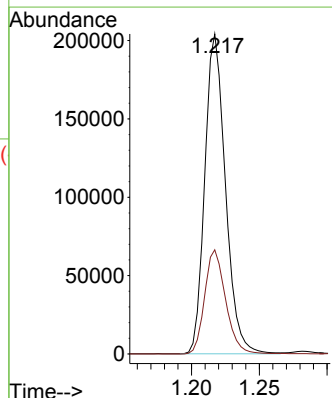
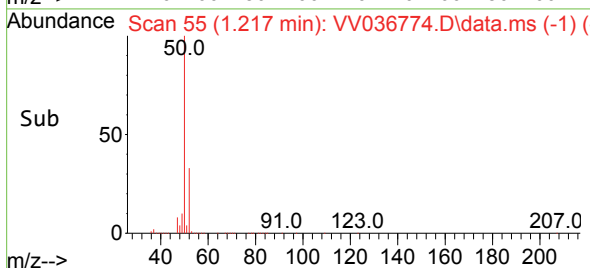
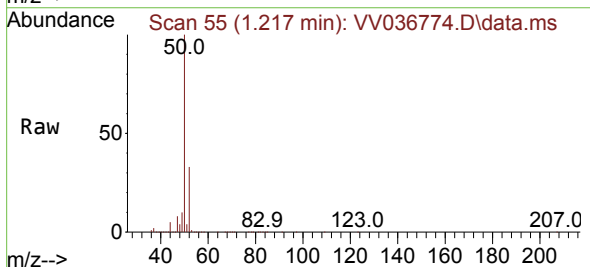


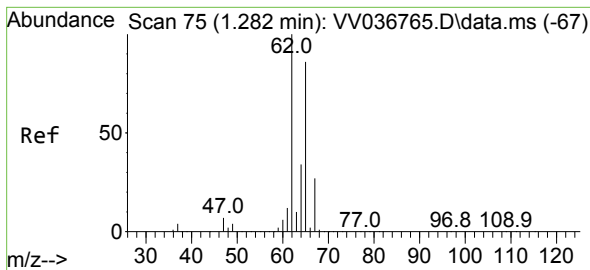
Tgt Ion: 85 Resp: 223028
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 47.994 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VV036774.D
 Acq: 05 Aug 2024 09:47

Tgt Ion: 50 Resp: 216426
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8





#5

Vinyl chloride

Concen: 48.556 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

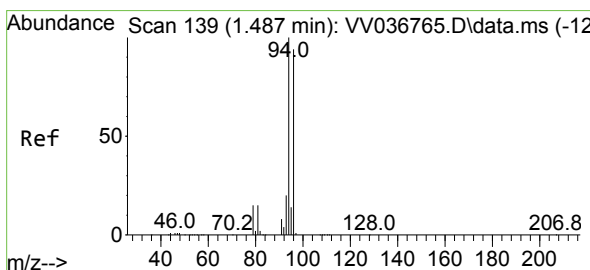
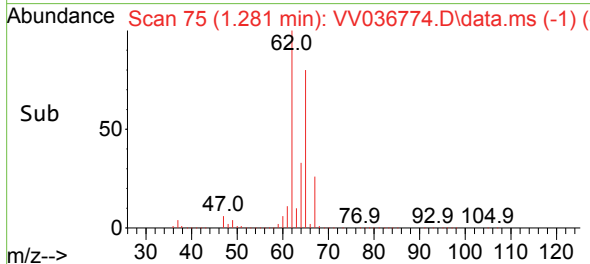
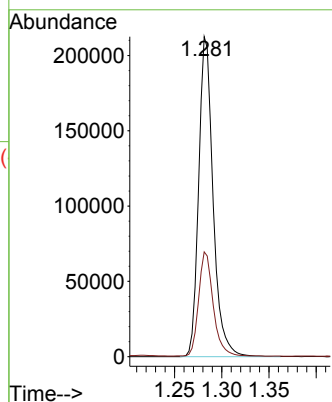
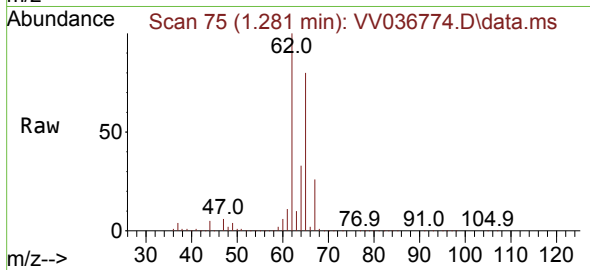
ClientSampleId :

Tgt Ion: 62 Resp: 224860

Ion Ratio Lower Upper

62 100

64 32.7 23.6 43.8



#6

Bromomethane

Concen: 47.794 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036774.D

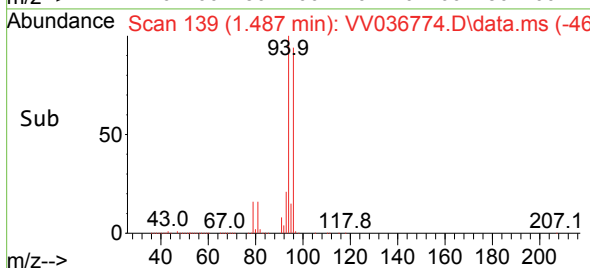
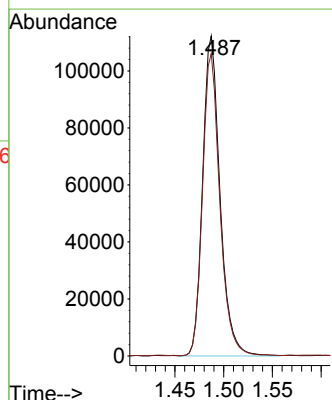
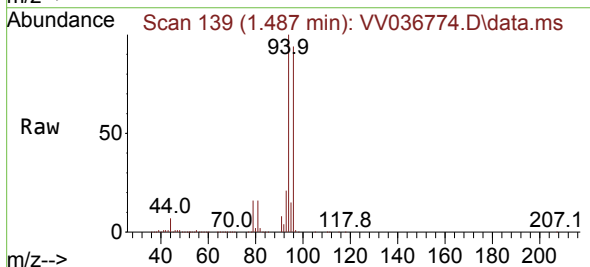
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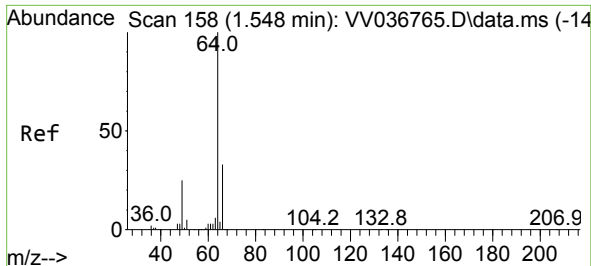
Tgt Ion: 94 Resp: 139351

Ion Ratio Lower Upper

94 100

96 94.4 65.5 121.7

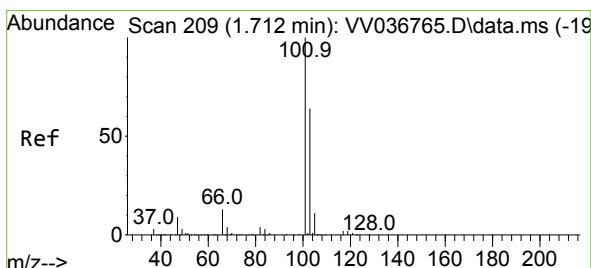
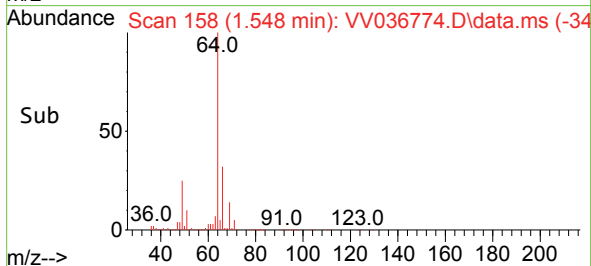
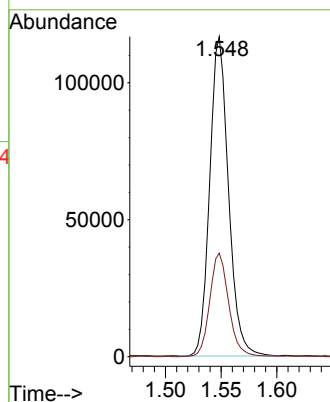
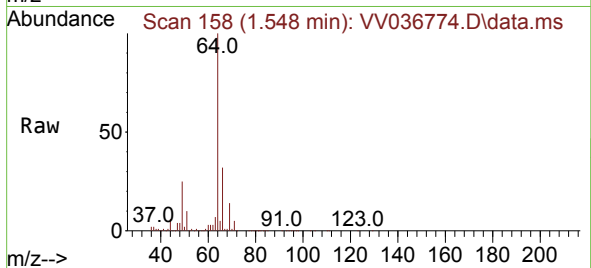




#8
Chloroethane
Concen: 47.639 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

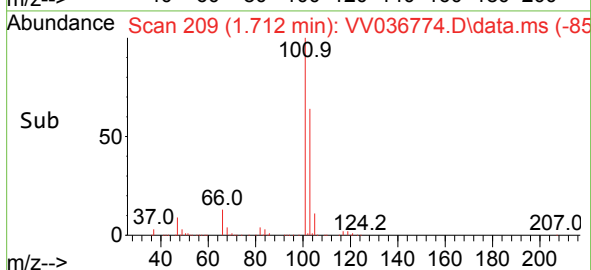
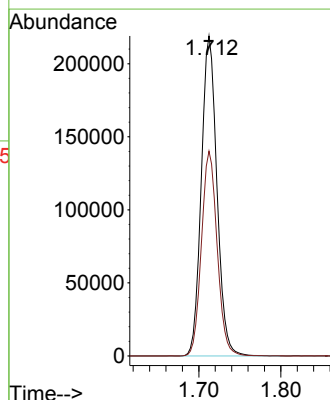
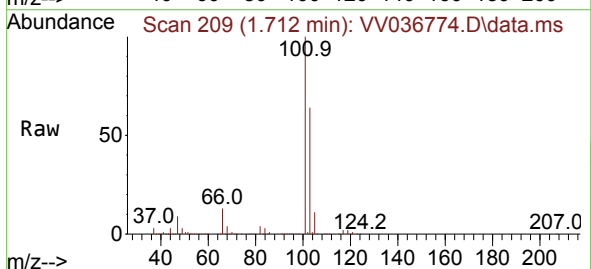
Instrument :
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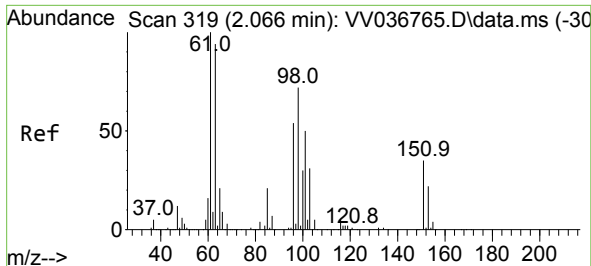
Tgt Ion: 64 Resp: 136655
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 47.792 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion:101 Resp: 289902
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

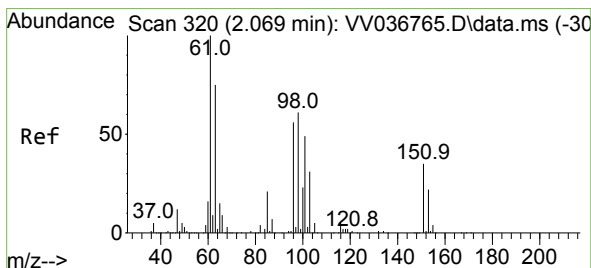
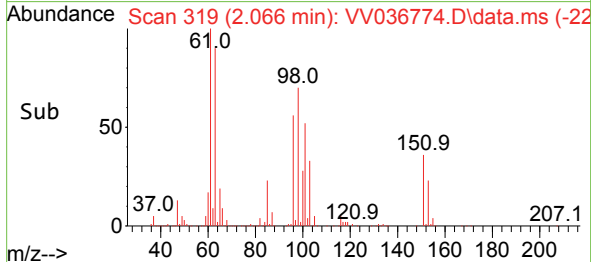
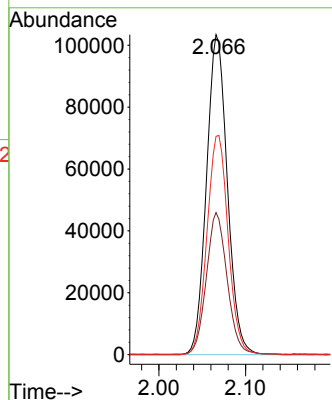
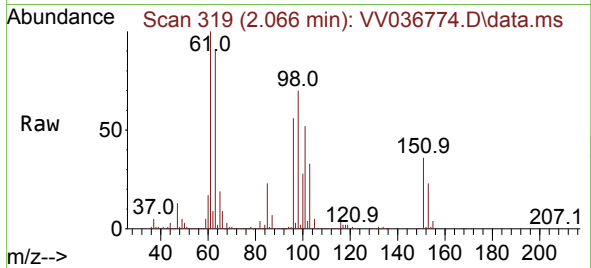




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.512 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

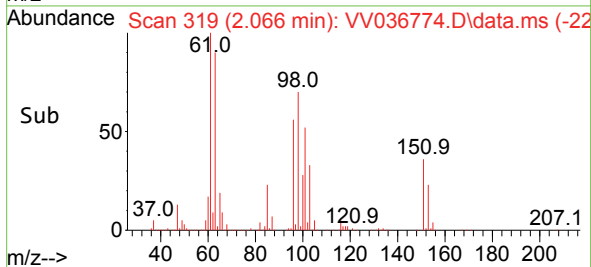
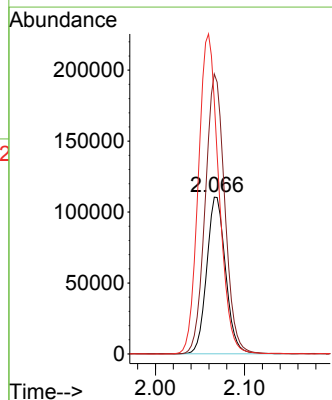
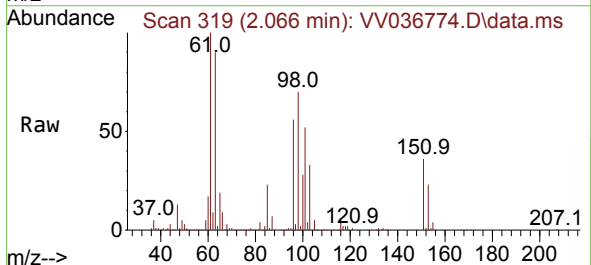
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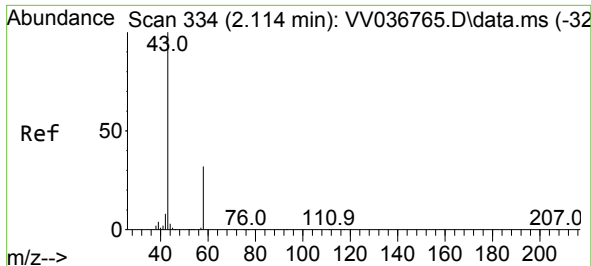
Tgt Ion:101 Resp: 173397
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 69.6 55.9 83.9



#12
1,1-Dichloroethene
Concen: 47.406 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion: 96 Resp: 161829
Ion Ratio Lower Upper
96 100
61 178.5 125.6 233.2
63 161.5 95.1 176.7





#13

Acetone

Concen: 83.318 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

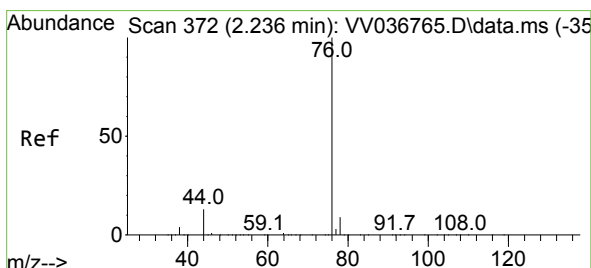
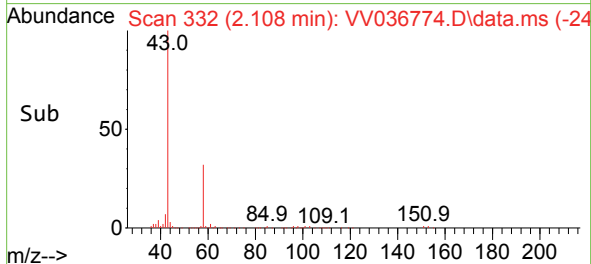
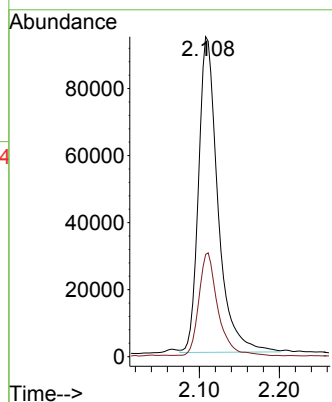
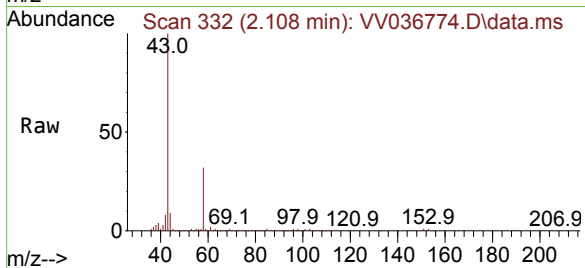
ClientSampleId :

Tgt Ion: 43 Resp: 159422

Ion Ratio Lower Upper

43 100

58 30.8 0.0 63.4



#14

Carbon disulfide

Concen: 47.633 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV036774.D

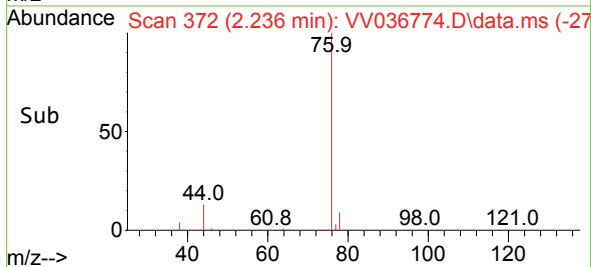
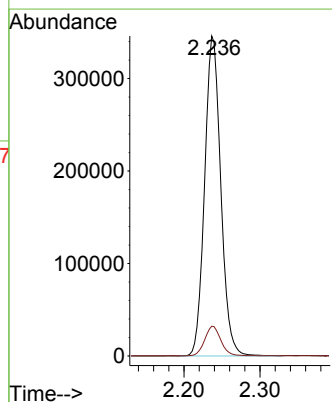
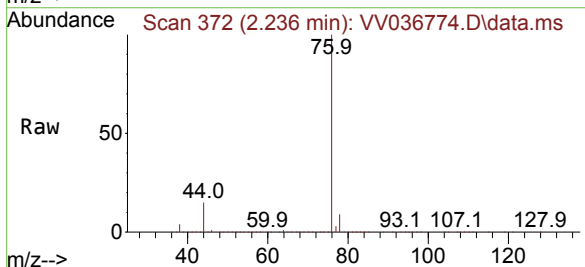
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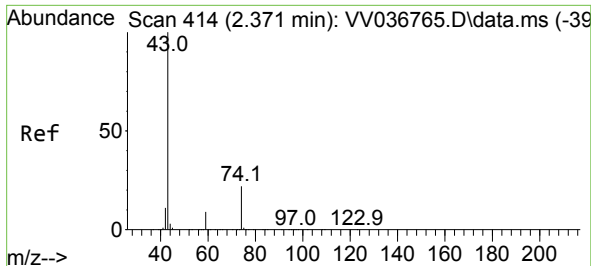
Tgt Ion: 76 Resp: 510787

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

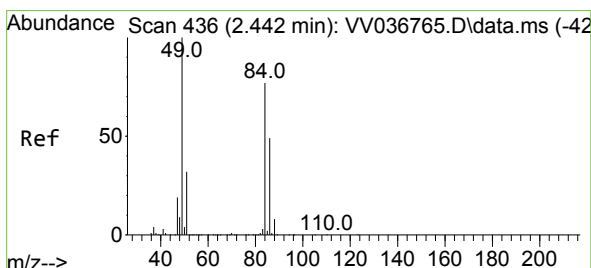
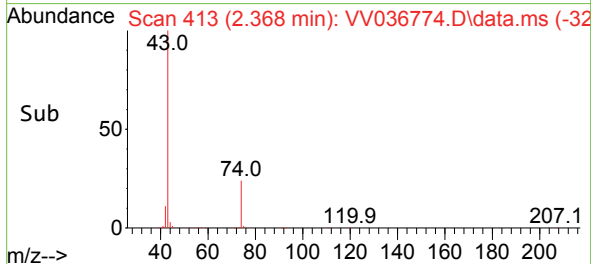
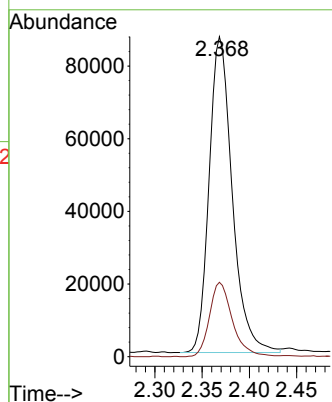
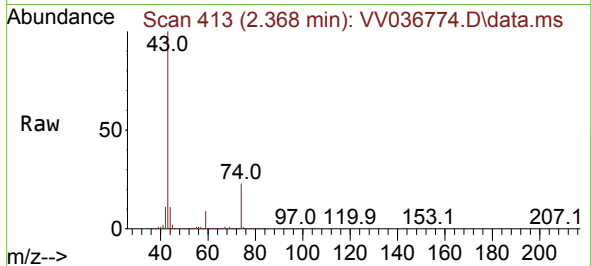




#15
Methyl Acetate
Concen: 37.516 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

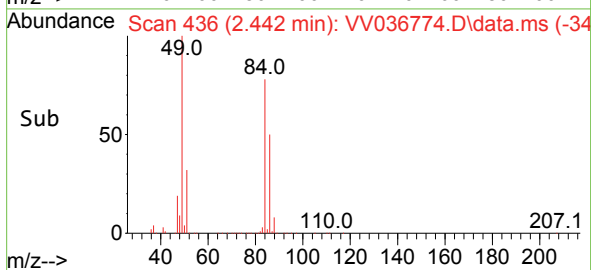
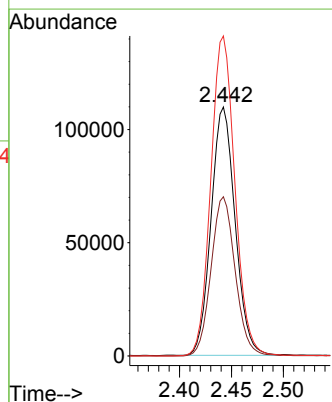
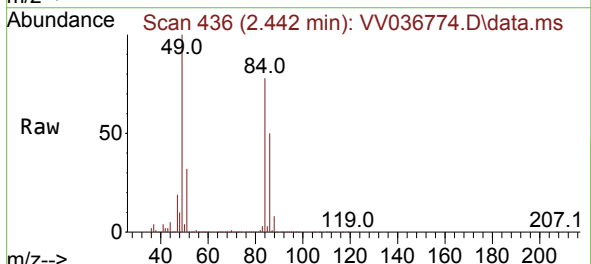
Instrument :
MSVOA_V
ClientSampleId :

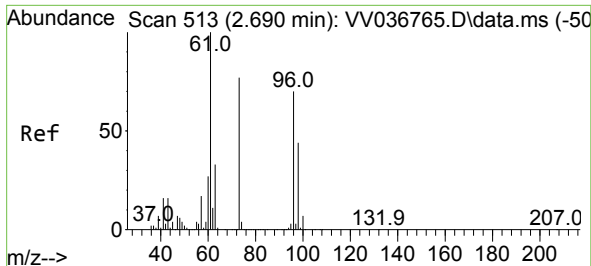
Tgt Ion: 43 Resp: 147877
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.4



#16
Methylene chloride
Concen: 46.069 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion: 84 Resp: 176803
Ion Ratio Lower Upper
84 100
86 63.9 44.3 82.3
49 128.6 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 47.685 ug/L

RT: 2.687 min Scan# 51

Delta R.T. -0.003 min

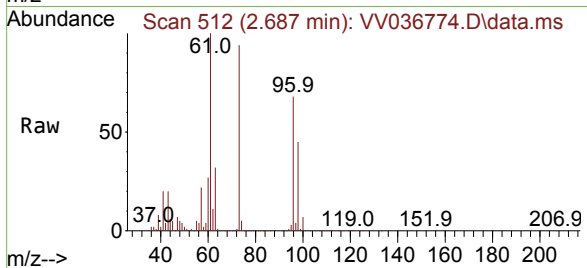
Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :



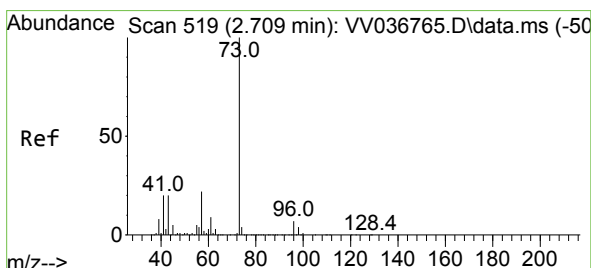
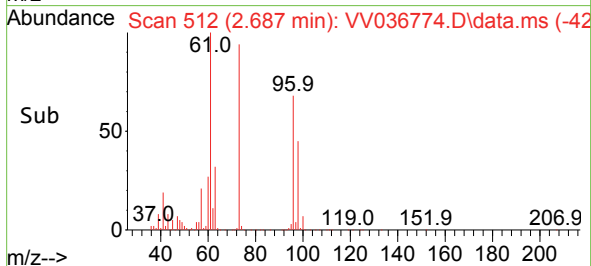
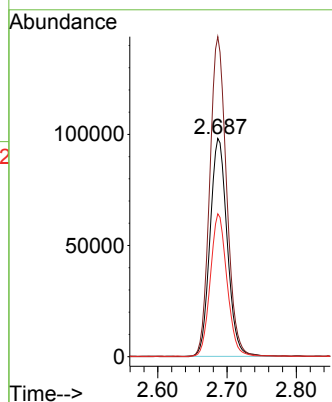
Tgt Ion: 96 Resp: 168616

Ion Ratio Lower Upper

96 100

61 146.7 100.0 185.8

98 65.5 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 43.750 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.006 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

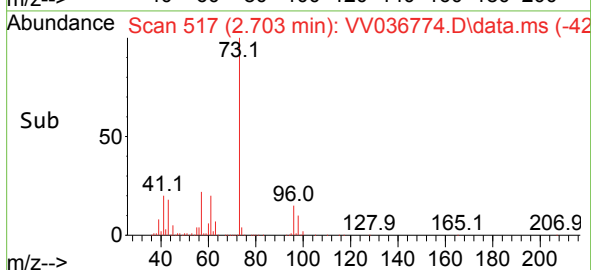
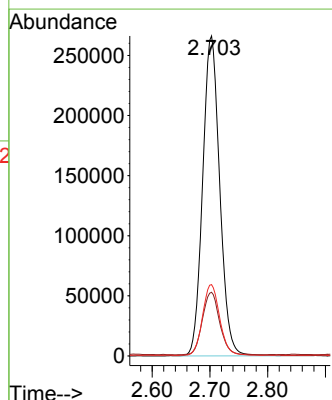
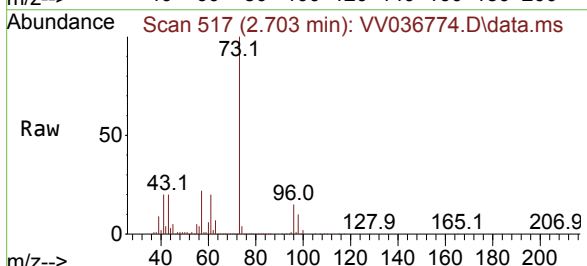
Tgt Ion: 73 Resp: 544854

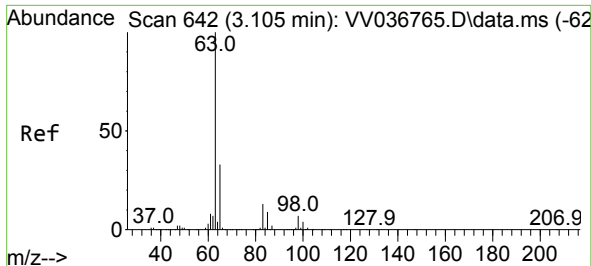
Ion Ratio Lower Upper

73 100

43 19.7 16.1 24.1

57 22.2 17.9 26.9





#19

1,1-Dichloroethane

Concen: 46.243 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

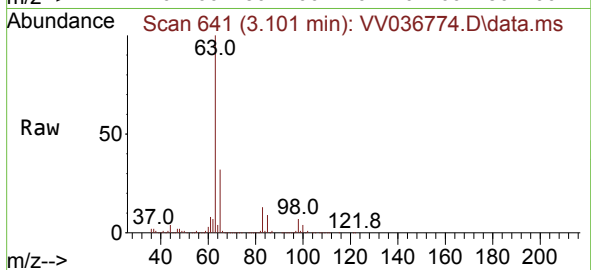
Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :



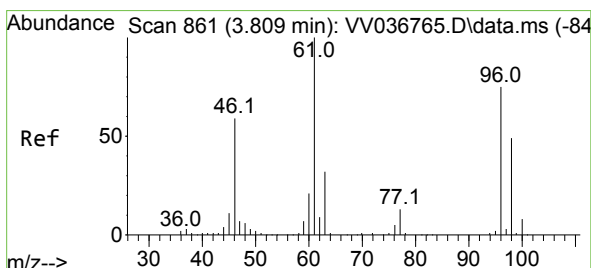
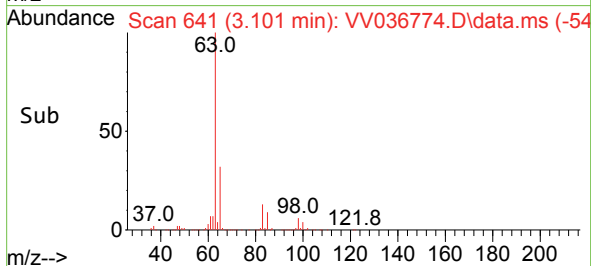
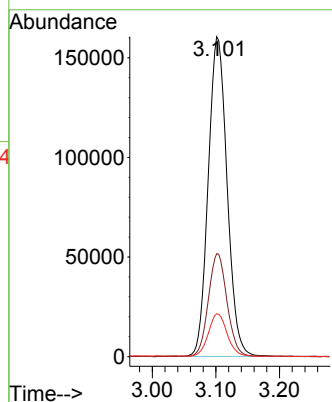
Tgt Ion: 63 Resp: 330362

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.0

83 13.4 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 46.993 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.006 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

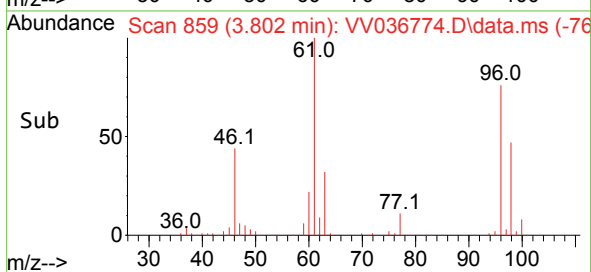
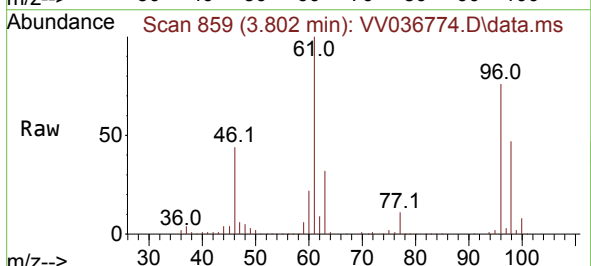
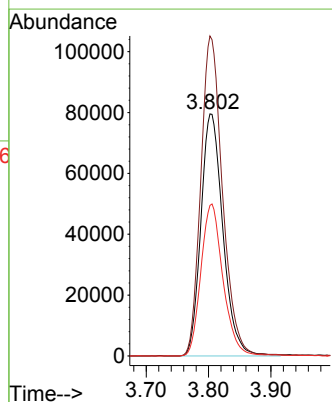
Tgt Ion: 96 Resp: 195036

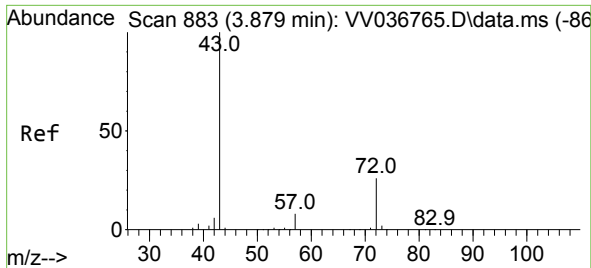
Ion Ratio Lower Upper

96 100

61 132.2 93.9 174.5

98 62.2 46.0 85.4

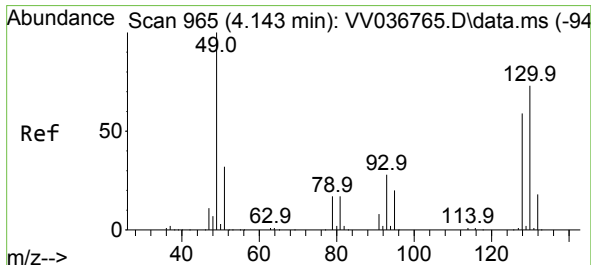
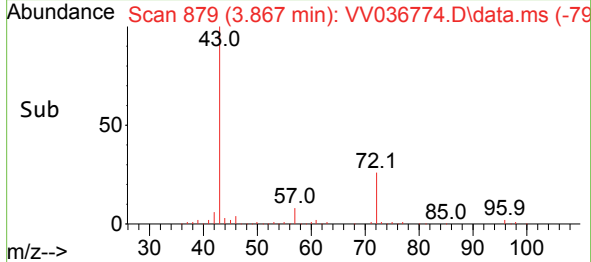
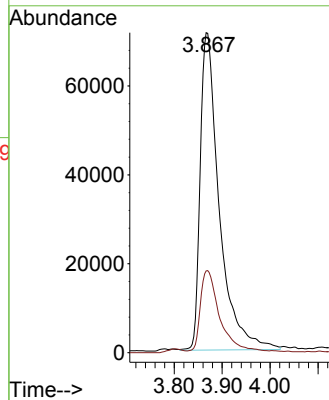
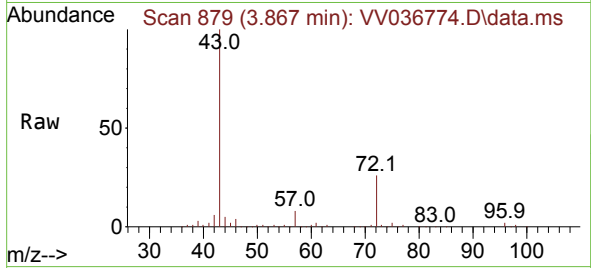




#22
2-Butanone
Concen: 76.884 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.013 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

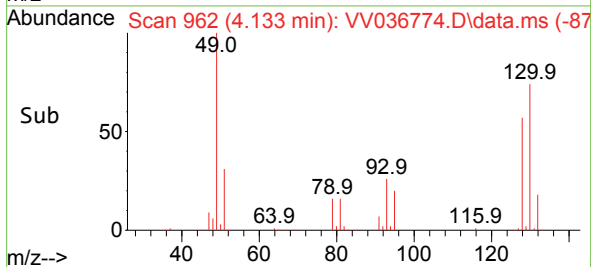
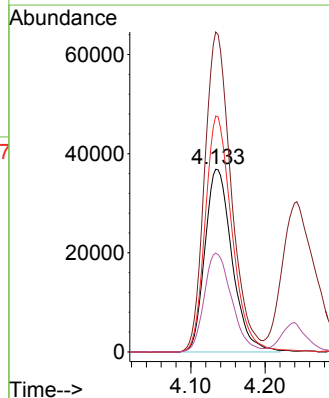
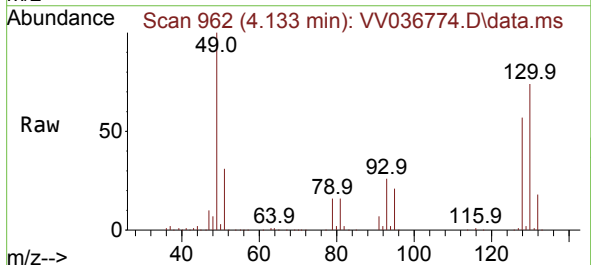
Instrument :
MSVOA_V
ClientSampleId :

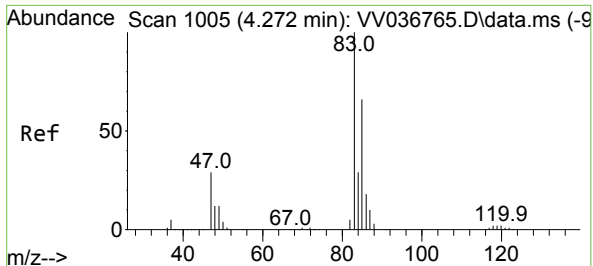
Tgt Ion: 43 Resp: 197077
Ion Ratio Lower Upper
43 100
72 25.6 12.5 37.5



#23
Bromochloromethane
Concen: 46.446 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.010 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion: 128 Resp: 93638
Ion Ratio Lower Upper
128 100
49 175.1 120.0 223.0
130 129.1 87.0 161.6
51 54.1 43.1 64.7





#25

Chloroform

Concen: 46.322 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

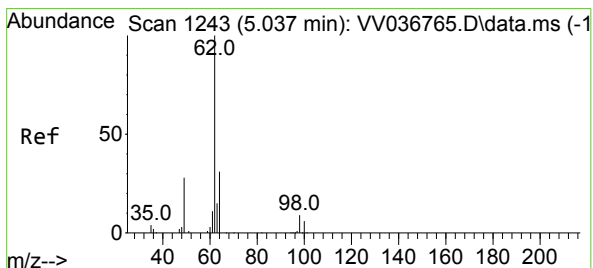
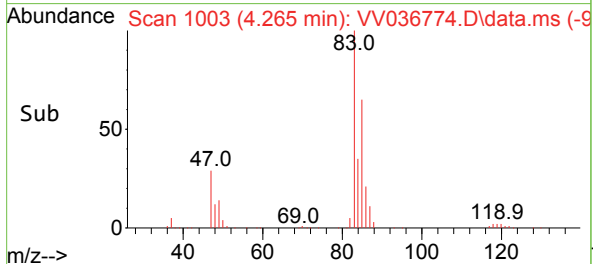
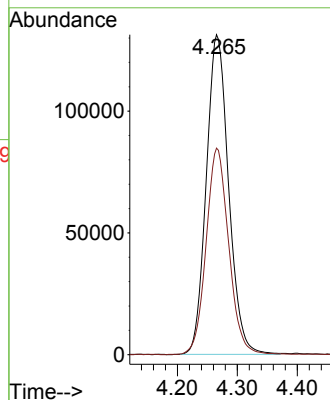
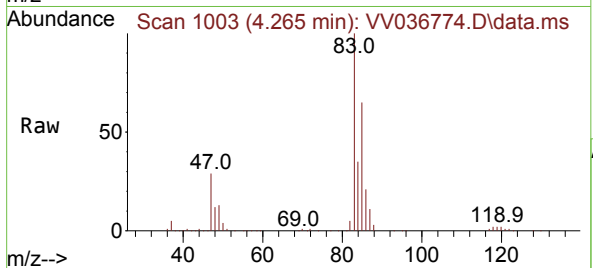
ClientSampleId :

Tgt Ion: 83 Resp: 339888

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 45.079 ug/L

RT: 5.030 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VV036774.D

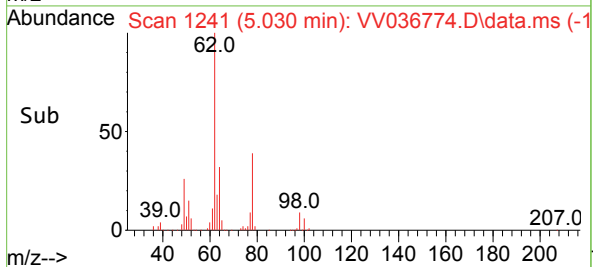
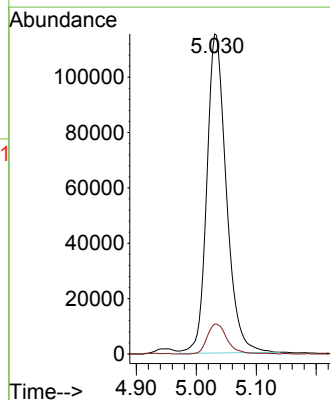
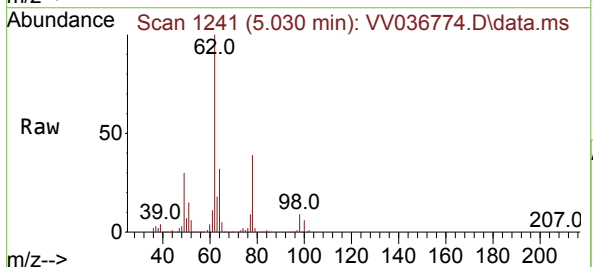
Acq: 05 Aug 2024 09:47

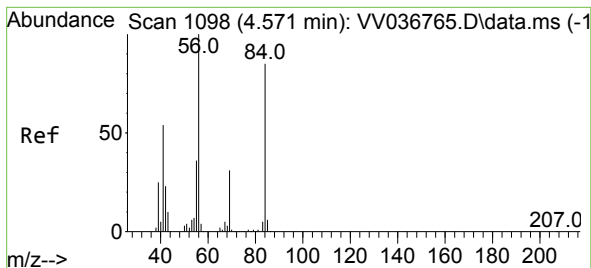
Tgt Ion: 62 Resp: 260912

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 49.176 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

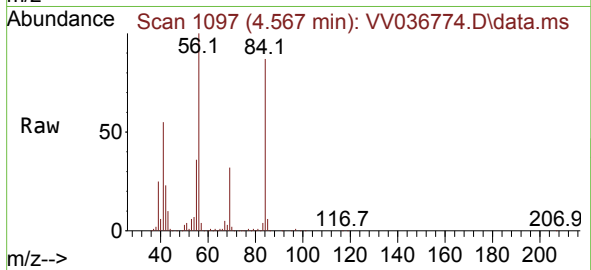
Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :



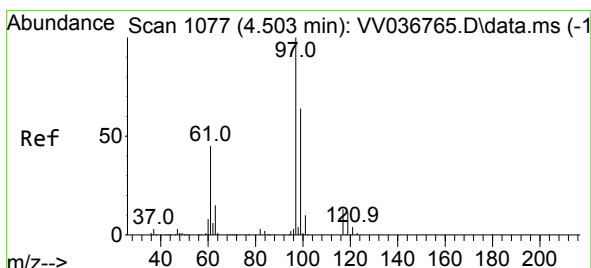
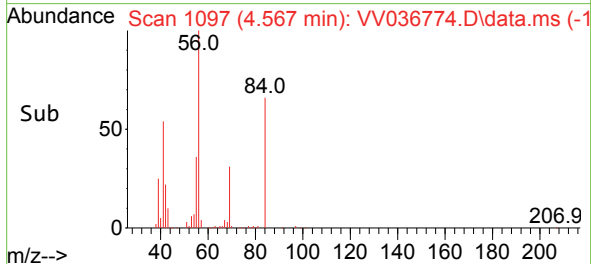
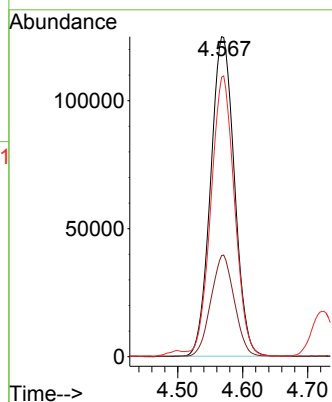
Tgt Ion: 56 Resp: 317434

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 86.9 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 46.832 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

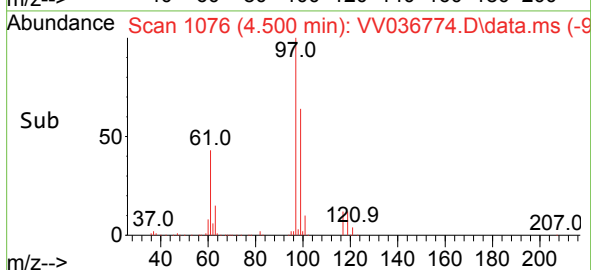
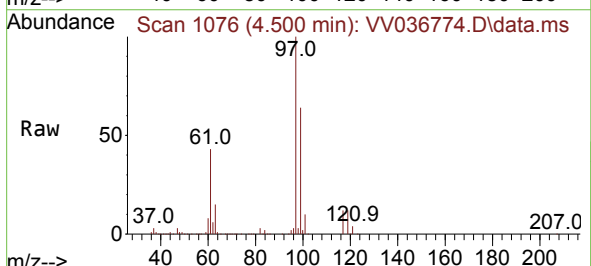
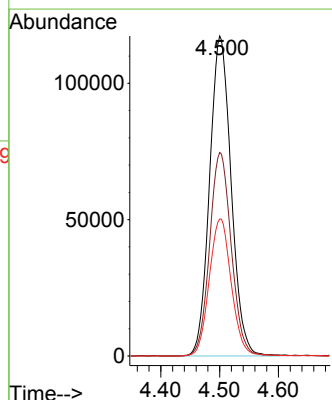
Tgt Ion: 97 Resp: 298919

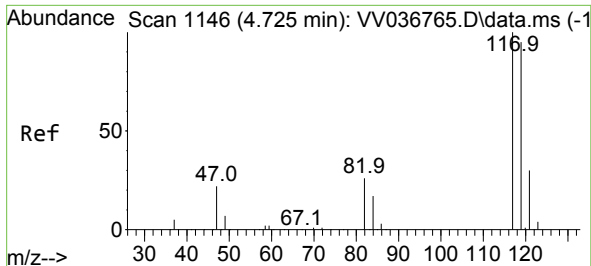
Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 43.8 36.0 54.0

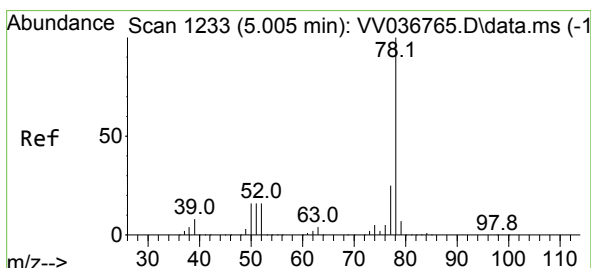
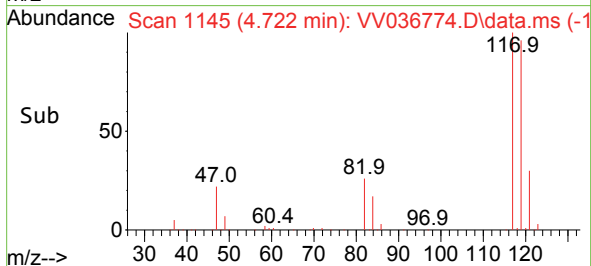
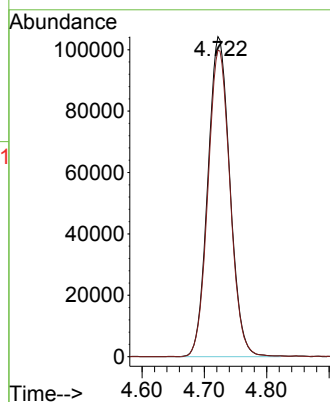
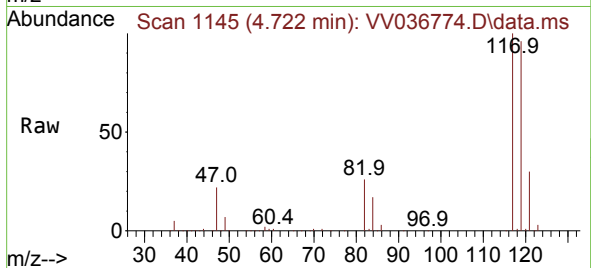




#31
Carbon tetrachloride
Concen: 47.873 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

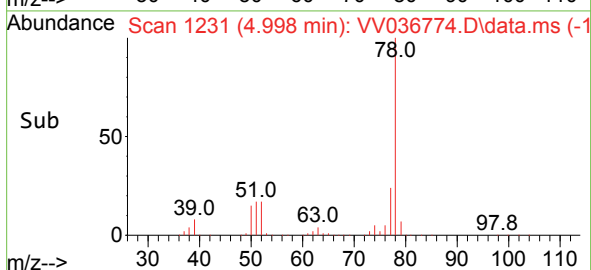
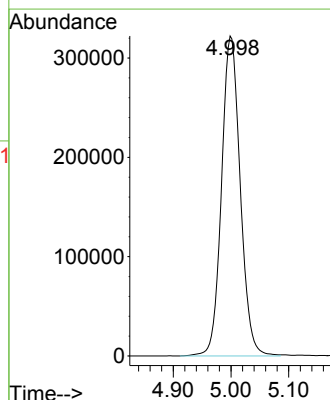
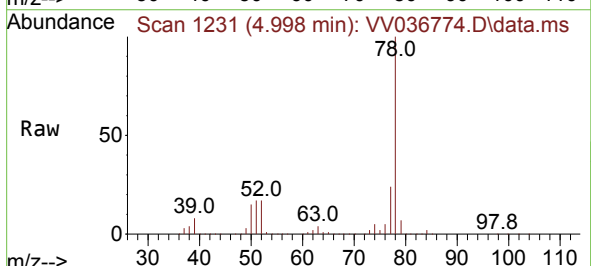
Instrument :
MSVOA_V
ClientSampleId :

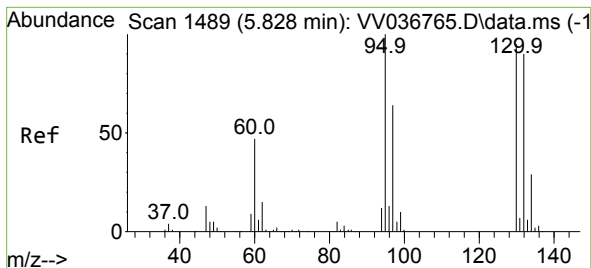
Tgt Ion:117 Resp: 256622
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1



#33
Benzene
Concen: 47.881 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion: 78 Resp: 725544





#34

Trichloroethene

Concen: 48.352 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. -0.006 min

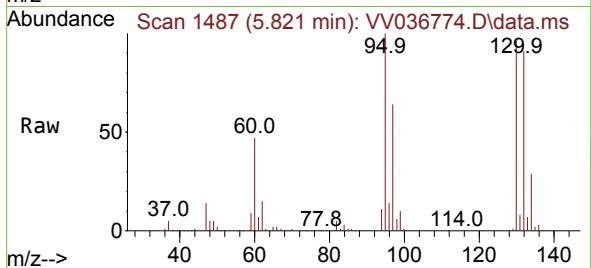
Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

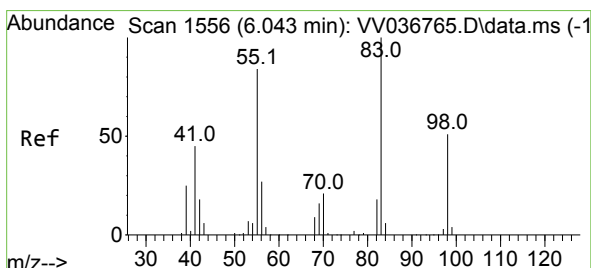
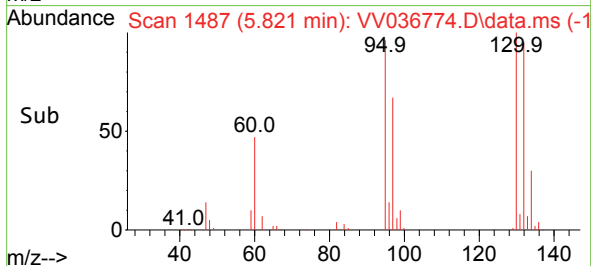
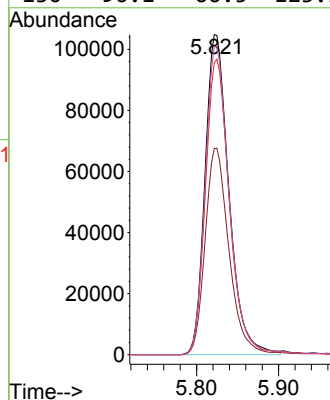
MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 212344

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.7	82.9
132	91.2	62.9	116.9
130	96.1	66.5	123.5



#35

Methylcyclohexane

Concen: 49.177 ug/L

RT: 6.040 min Scan# 1555

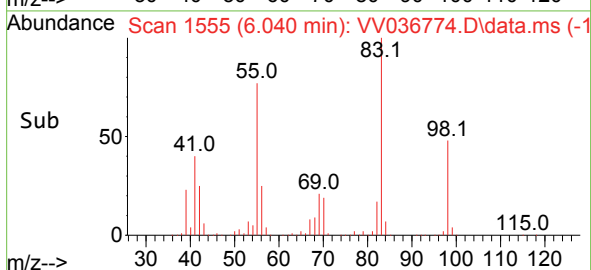
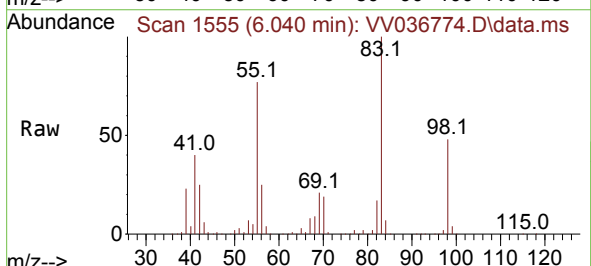
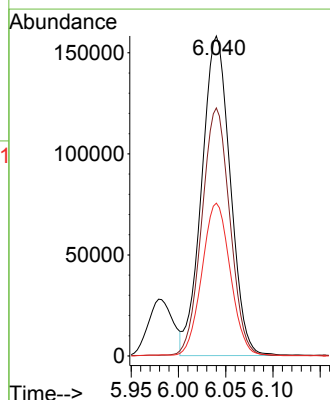
Delta R.T. -0.003 min

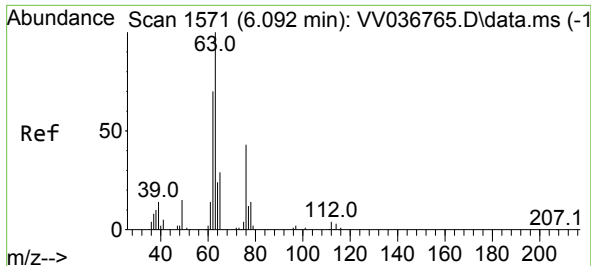
Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Tgt Ion: 83 Resp: 331401

Ion	Ratio	Lower	Upper
83	100		
55	76.2	62.3	93.5
98	47.8	38.7	58.1





#37

1,2-Dichloropropane

Concen: 47.741 ug/L

RT: 6.085 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

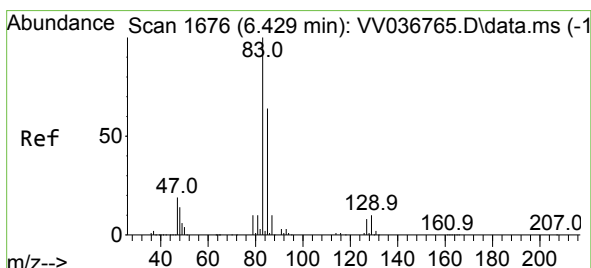
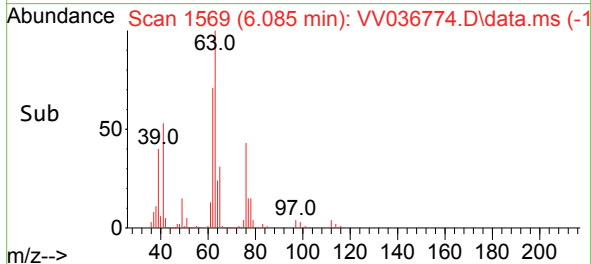
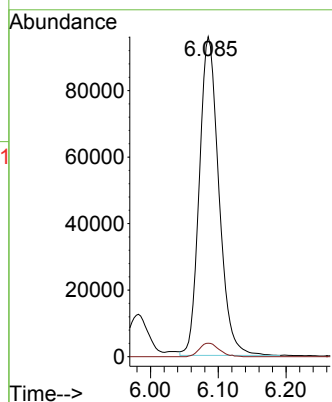
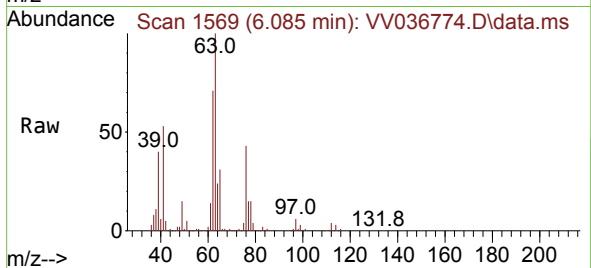
ClientSampleId :

Tgt Ion: 63 Resp: 191641

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 47.013 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

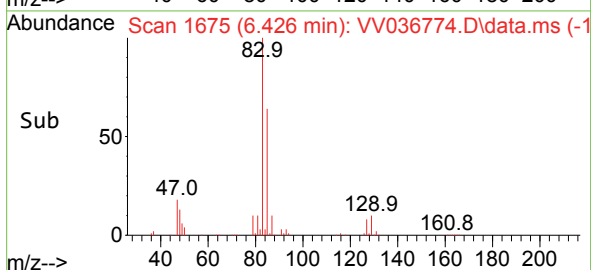
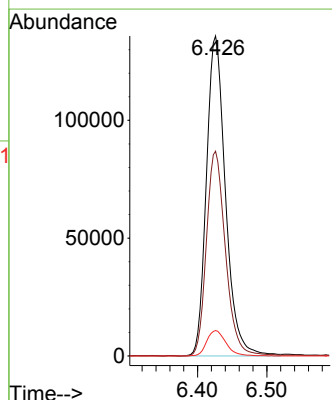
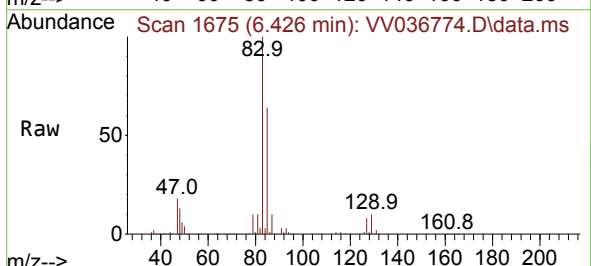
Tgt Ion: 83 Resp: 259880

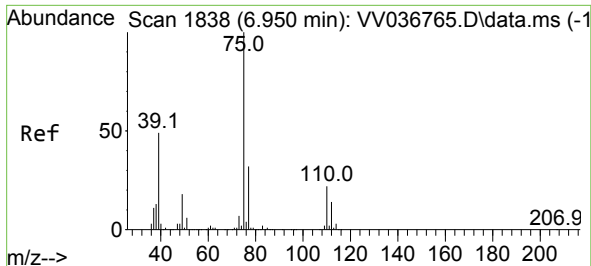
Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 48.585 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

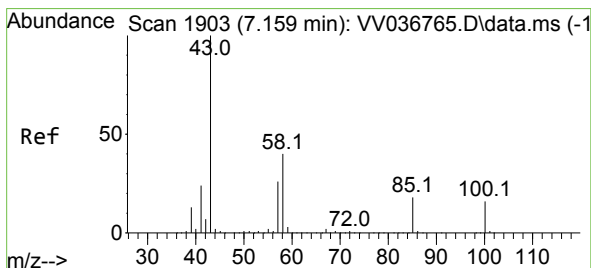
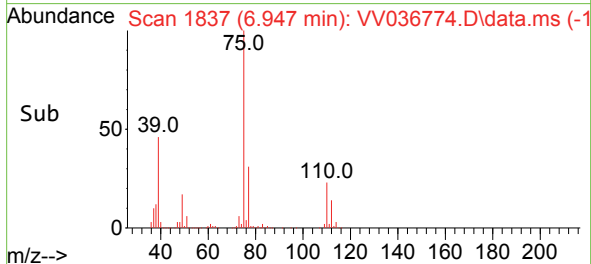
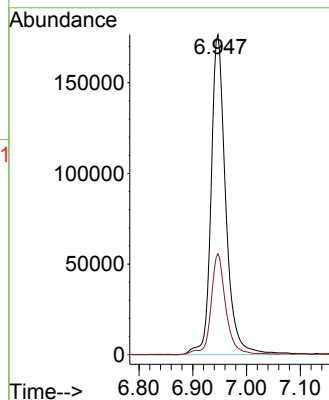
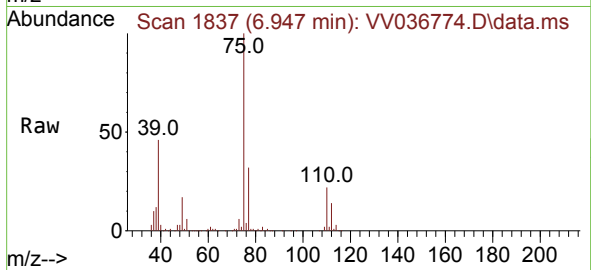
ClientSampleId :

Tgt Ion: 75 Resp: 334018

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 75.529 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

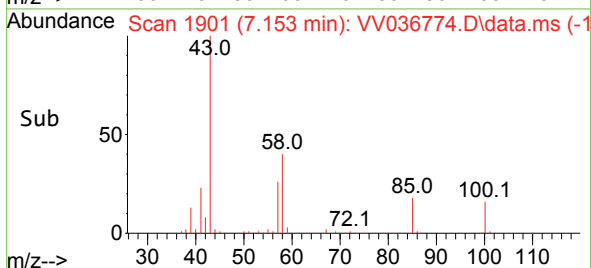
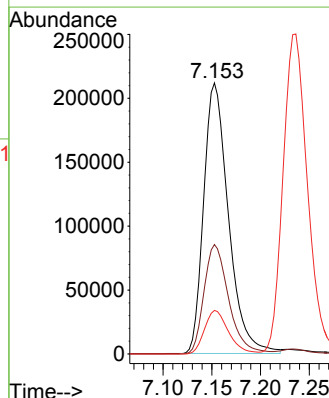
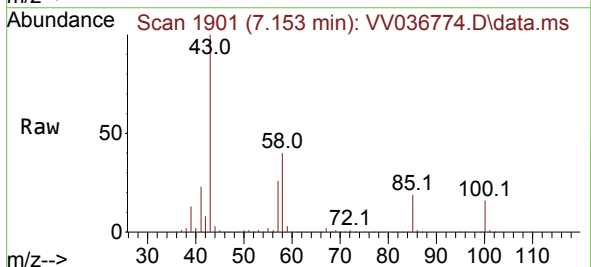
Tgt Ion: 43 Resp: 375579

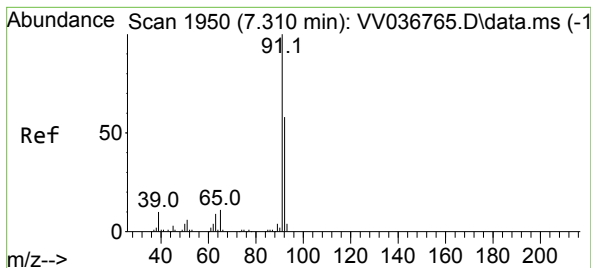
Ion Ratio Lower Upper

43 100

58 40.2 31.3 46.9

100 15.6 12.6 18.8





#42

Toluene

Concen: 47.453 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

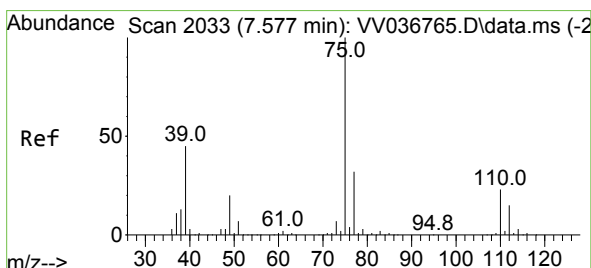
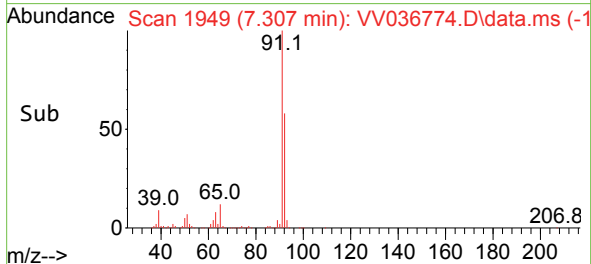
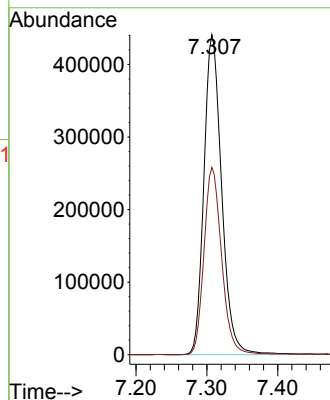
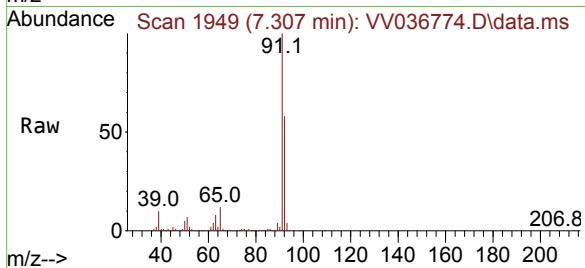
ClientSampleId :

Tgt Ion: 91 Resp: 765892

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 45.939 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV036774.D

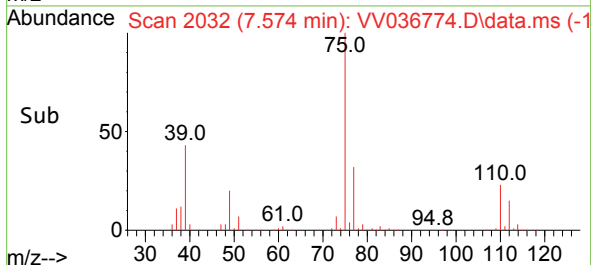
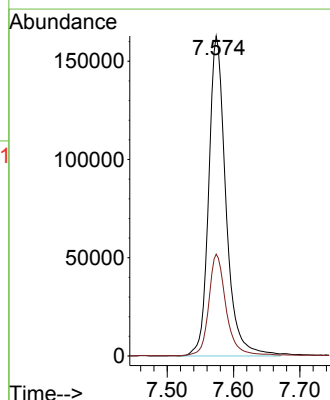
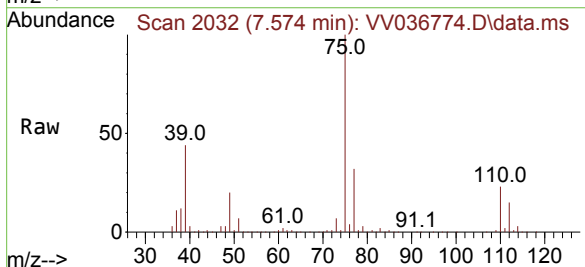
Acq: 05 Aug 2024 09:47

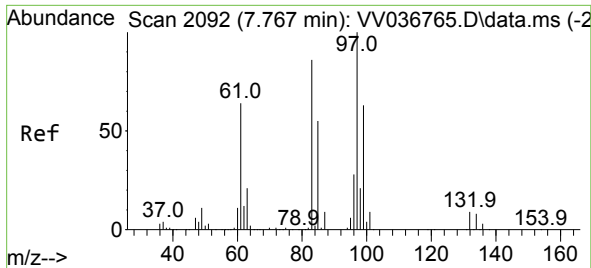
Tgt Ion: 75 Resp: 294298

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6

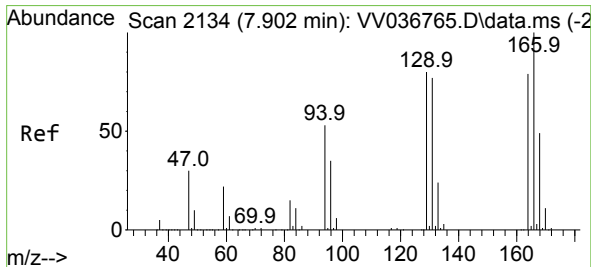
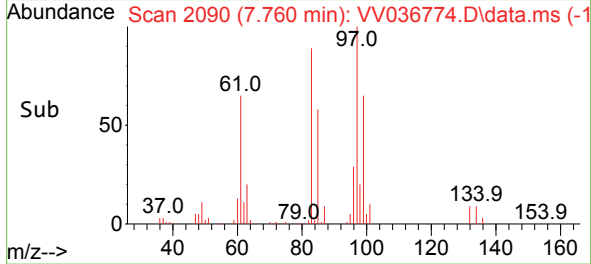
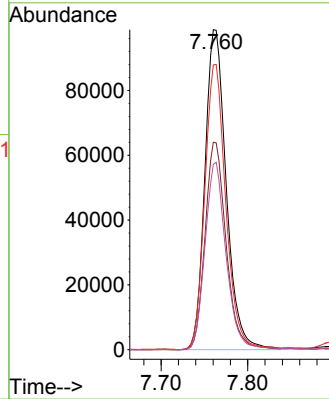
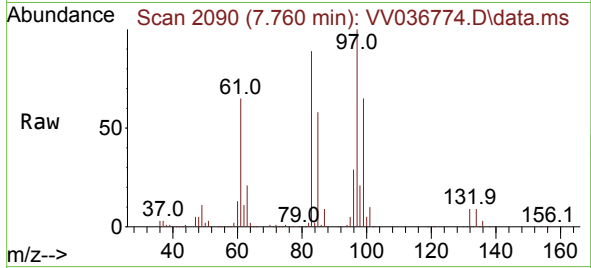




#45
1,1,2-Trichloroethane
Concen: 43.445 ug/L
RT: 7.760 min Scan# 2092
Delta R.T. -0.006 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

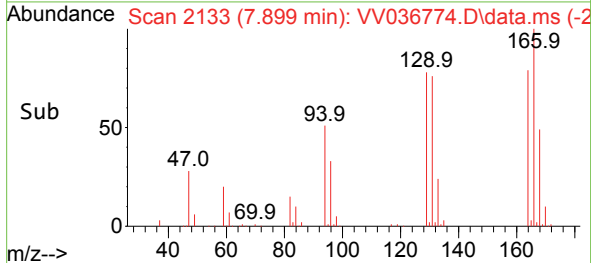
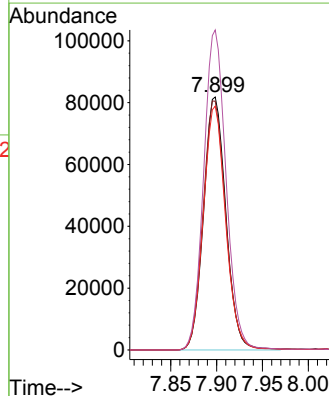
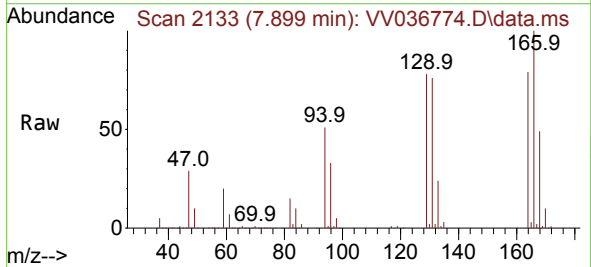
Instrument :
MSVOA_V
ClientSampleId :

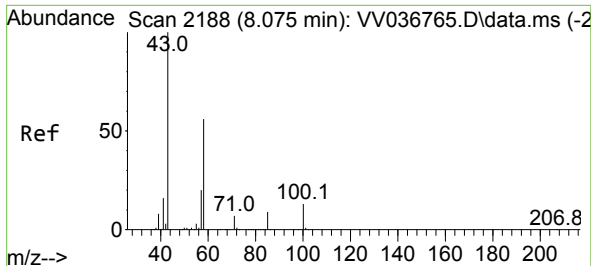
Tgt Ion: 97	Resp: 168889
Ion Ratio	Lower Upper
97 100	
99 64.8	44.0 81.6
83 89.0	60.1 111.5
85 57.9	38.4 71.4



#46
Tetrachloroethene
Concen: 47.918 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

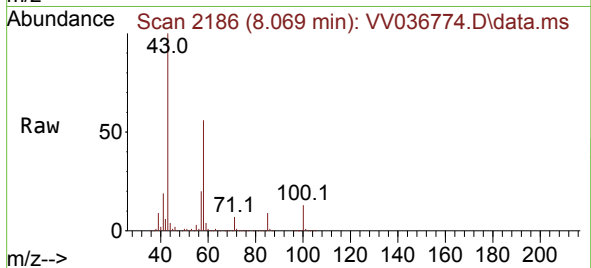
Tgt	Ion:164	Resp:	138034
Ion	Ratio	Lower	Upper
164	100		
129	98.3	70.4	130.8
131	96.4	67.7	125.7
166	126.5	88.4	164.2



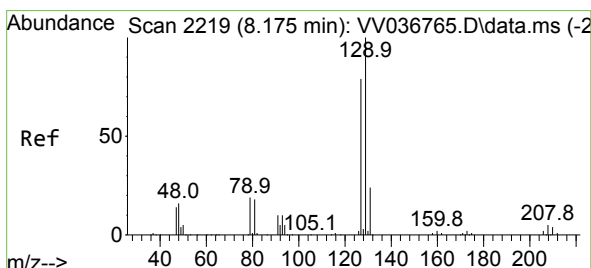
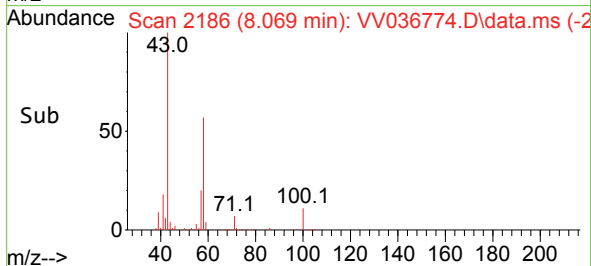
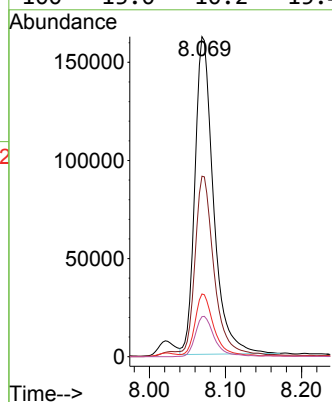


#48
2-Hexanone
Concen: 75.203 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

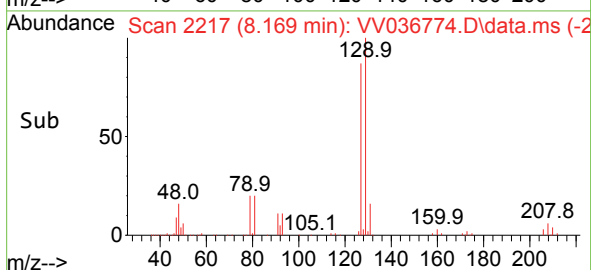
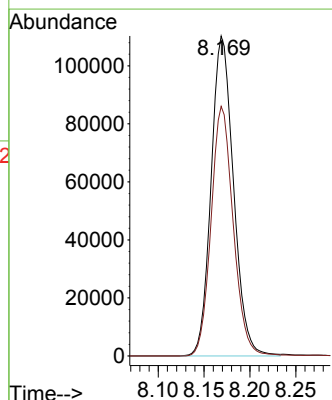
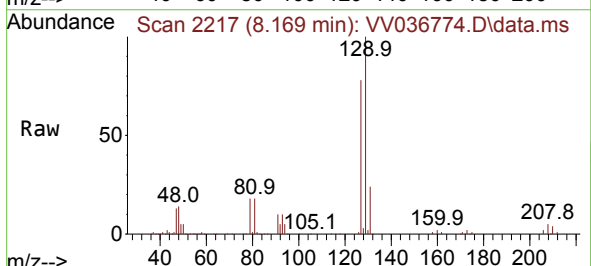


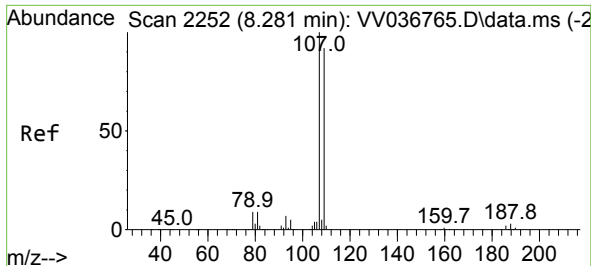
Tgt Ion: 43 Resp: 275110
Ion Ratio Lower Upper
43 100
58 56.0 44.7 67.1
57 18.7 15.0 22.4
100 13.0 10.2 15.4



#49
Dibromochloromethane
Concen: 46.920 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.006 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion: 129 Resp: 187438
Ion Ratio Lower Upper
129 100
127 78.0 55.4 102.8

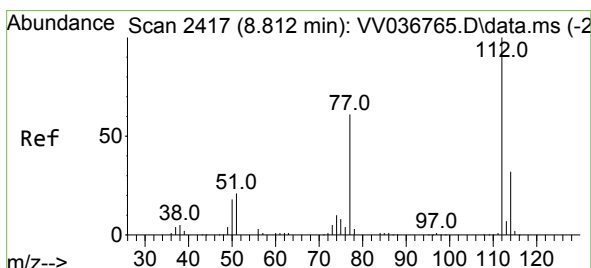
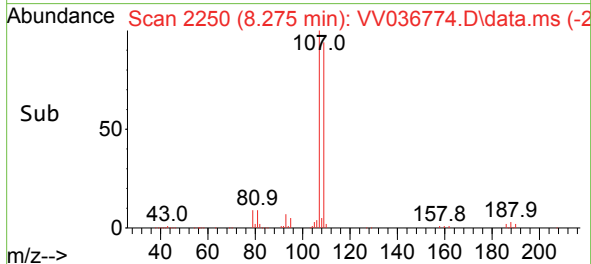
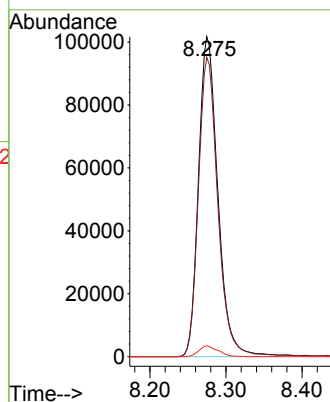
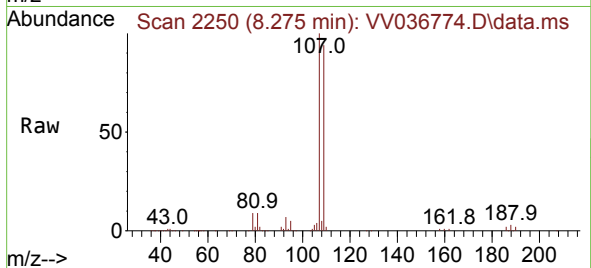




#50
1,2-Dibromoethane
Concen: 44.585 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

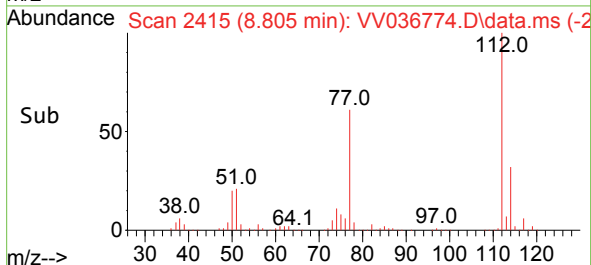
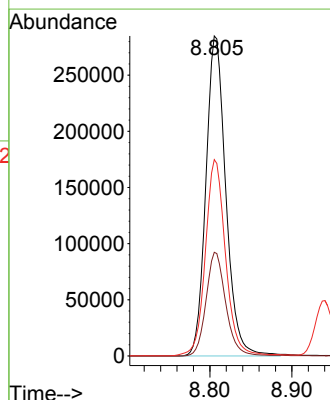
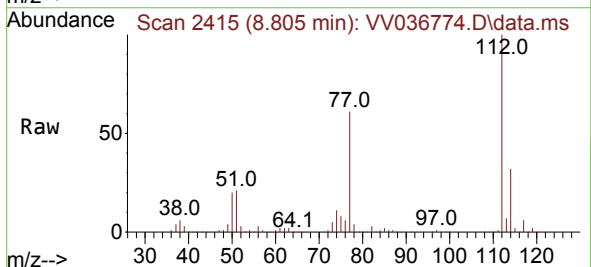
Instrument :
MSVOA_V
ClientSampleId :

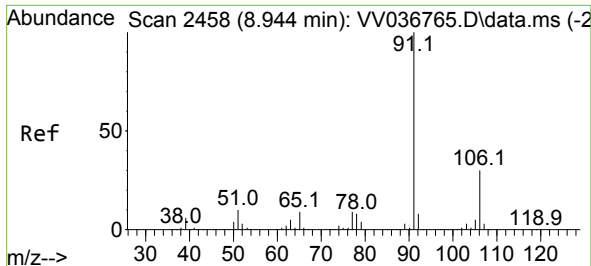
Tgt Ion:107 Resp: 179829
Ion Ratio Lower Upper
107 100
109 93.6 64.7 120.1
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 46.589 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.006 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion:112 Resp: 482481
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 61.4 48.9 73.3

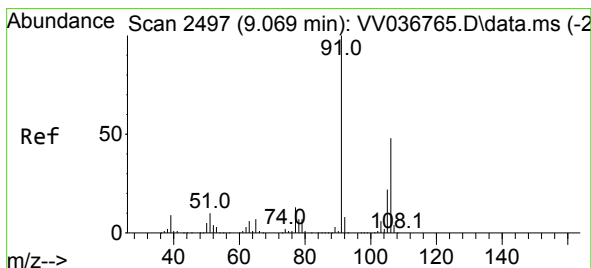
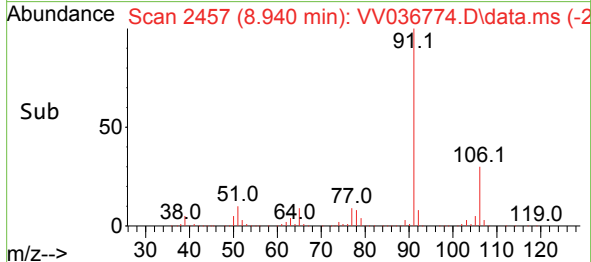
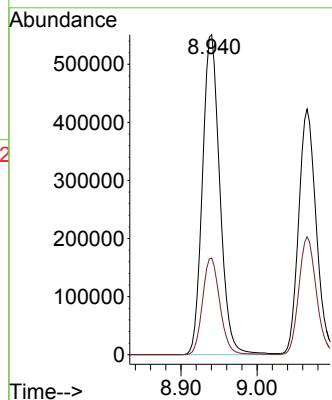
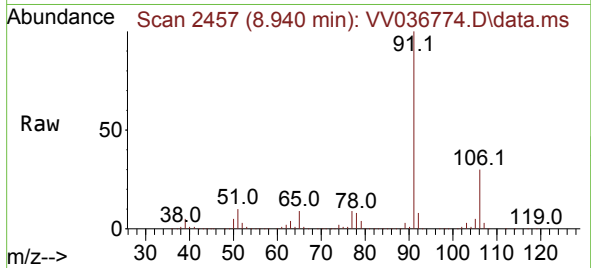




#52
Ethylbenzene
Concen: 47.551 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

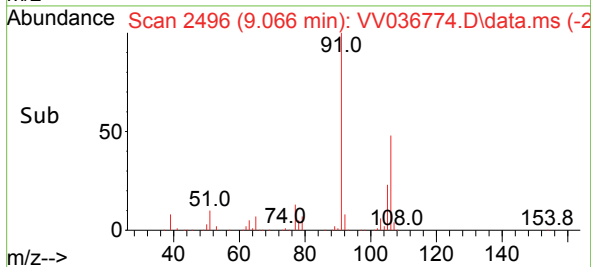
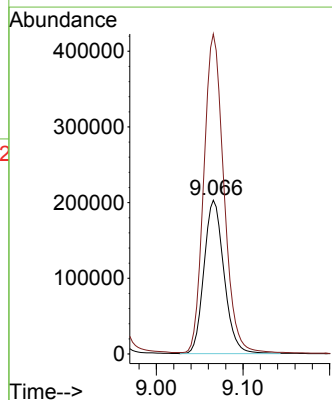
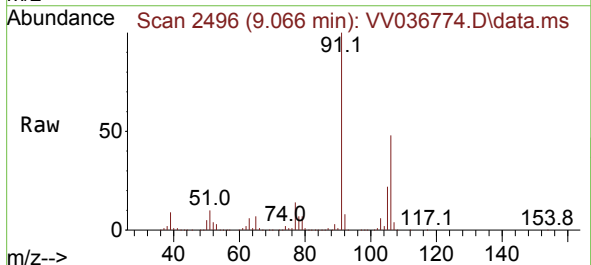
Instrument :
MSVOA_V
ClientSampleId :

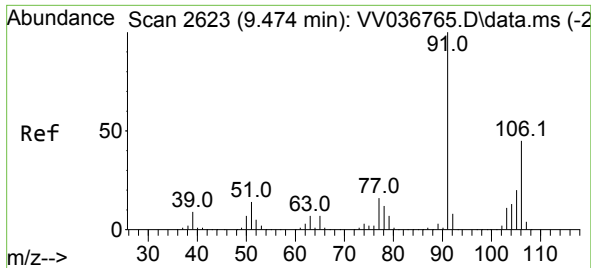
Tgt Ion: 91 Resp: 876316
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.1



#53
m,p-Xylene
Concen: 47.241 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion: 106 Resp: 325426
Ion Ratio Lower Upper
106 100
91 208.1 147.1 273.3

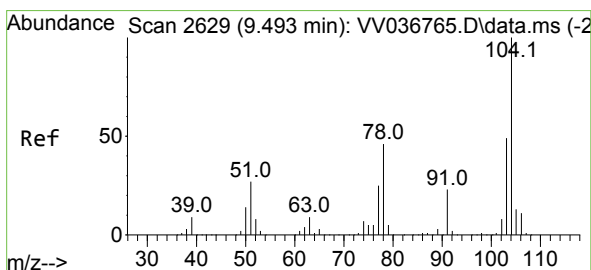
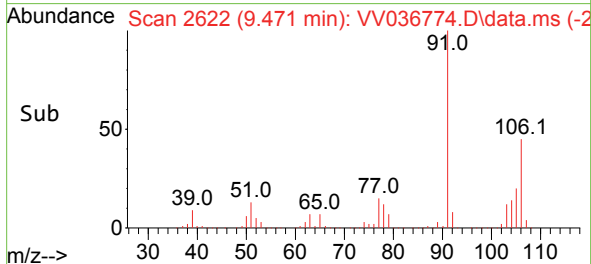
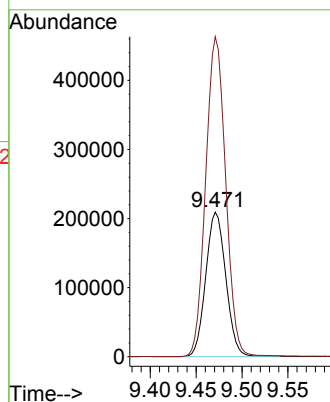
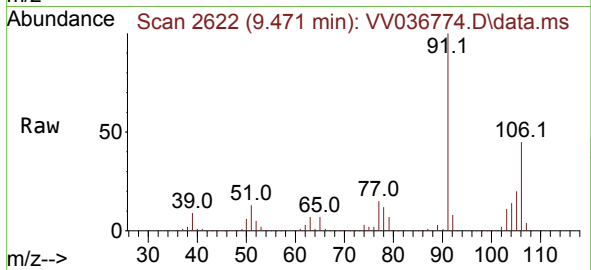




#54
o-Xylene
Concen: 47.405 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

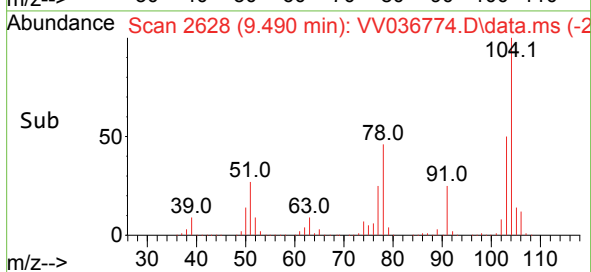
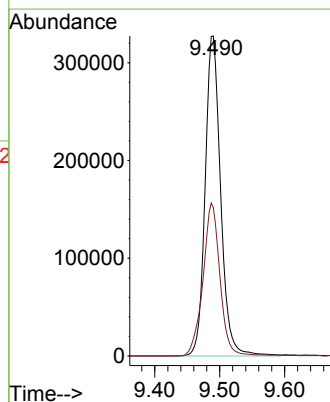
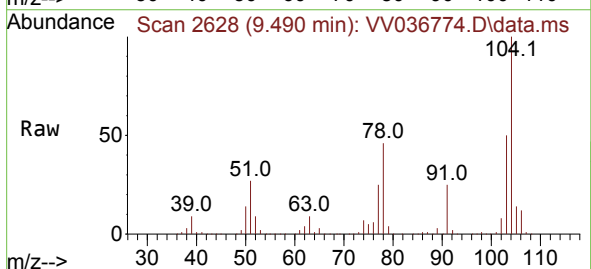
Instrument :
MSVOA_V
ClientSampleId :

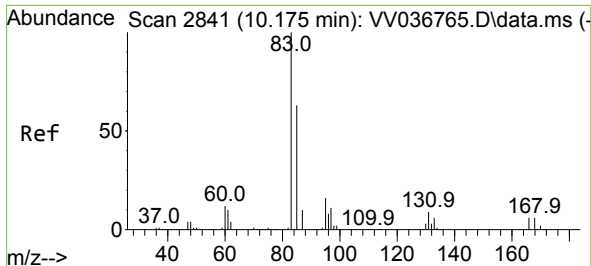
Tgt Ion:106 Resp: 319394
Ion Ratio Lower Upper
106 100
91 221.1 154.5 286.9



#55
Styrene
Concen: 47.267 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion:104 Resp: 545755
Ion Ratio Lower Upper
104 100
78 46.4 32.1 59.7

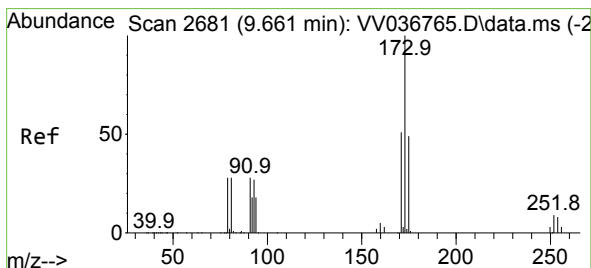
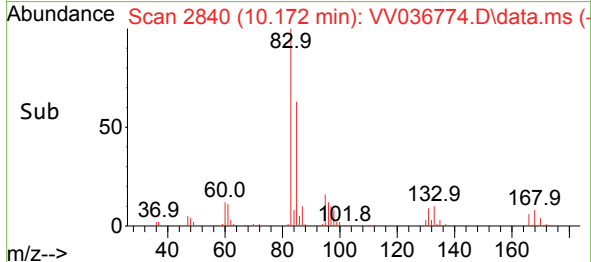
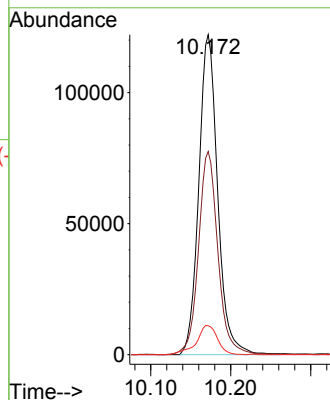
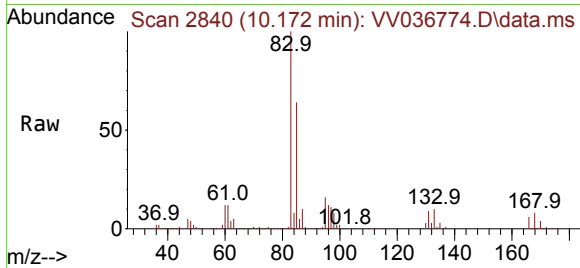




#57
1,1,2,2-Tetrachloroethane
Concen: 38.297 ug/L
RT: 10.172 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

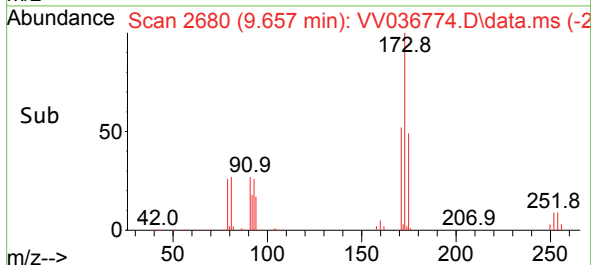
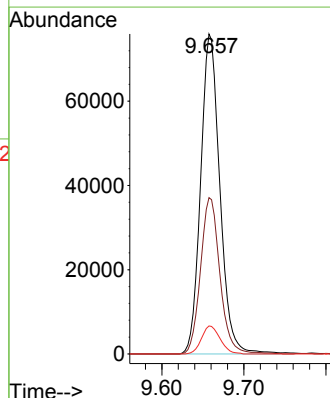
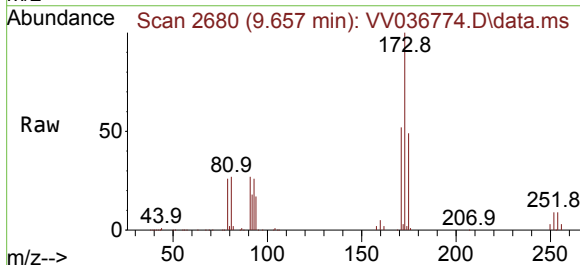
Instrument :
MSVOA_V
ClientSampleId :

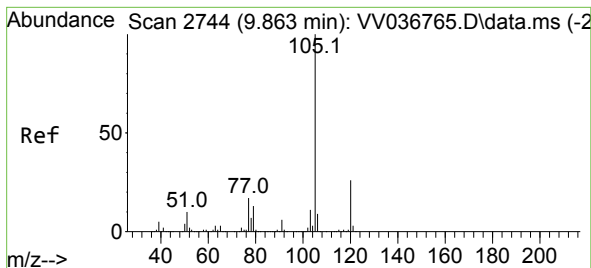
Tgt Ion: 83 Resp: 200885
Ion Ratio Lower Upper
83 100
85 63.5 44.7 83.1
131 9.1 7.2 10.8



#59
Bromoform
Concen: 44.646 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion: 173 Resp: 123663
Ion Ratio Lower Upper
173 100
175 48.9 39.8 59.8
254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 47.553 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :

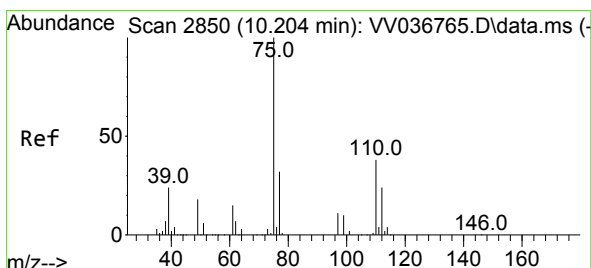
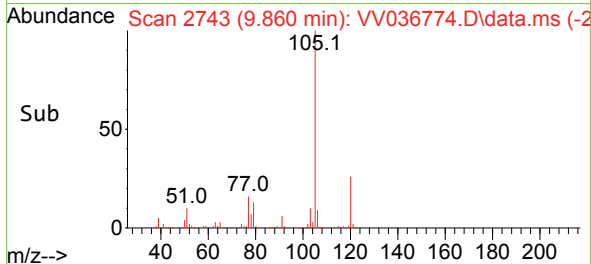
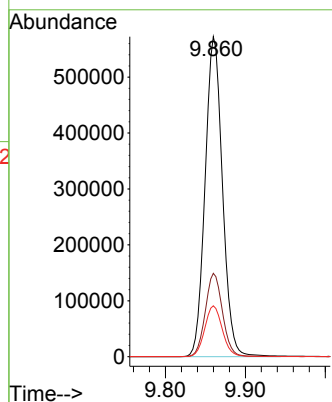
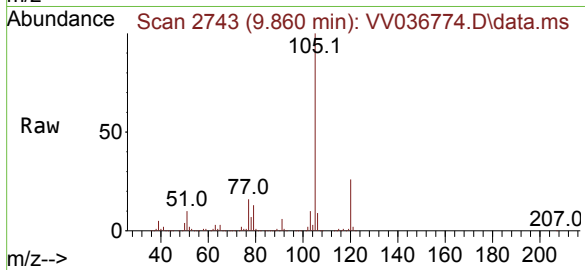
Tgt Ion:105 Resp: 866790

Ion Ratio Lower Upper

105 100

120 25.8 20.3 30.5

77 16.0 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 41.039 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

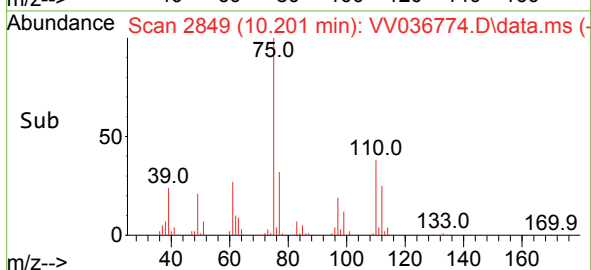
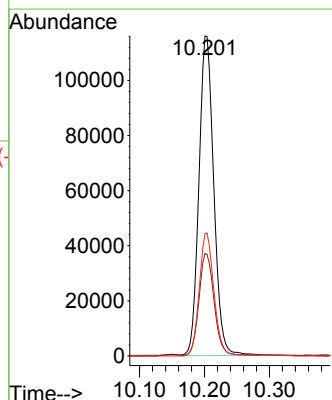
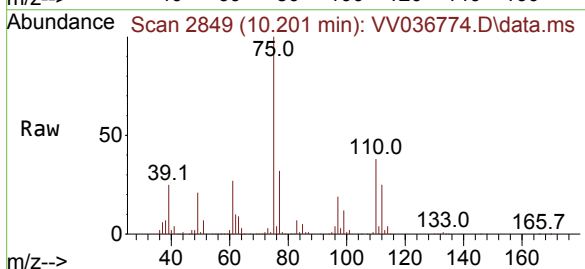
Tgt Ion: 75 Resp: 184970

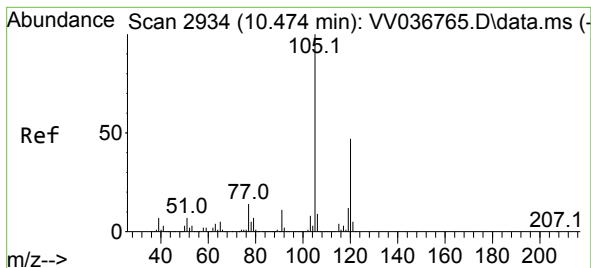
Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

110 38.0 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 48.143 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

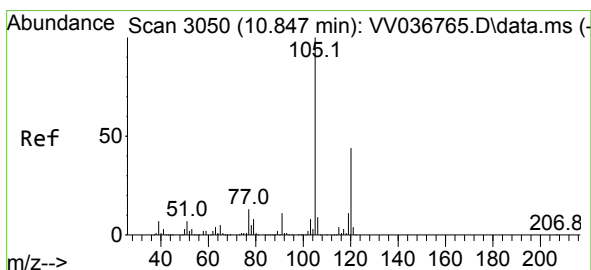
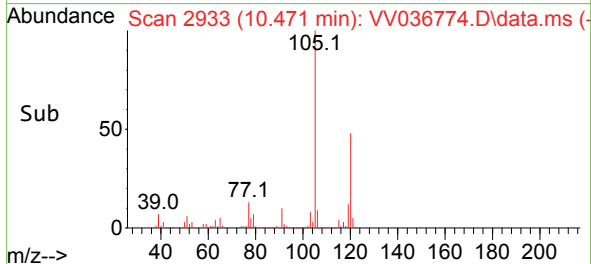
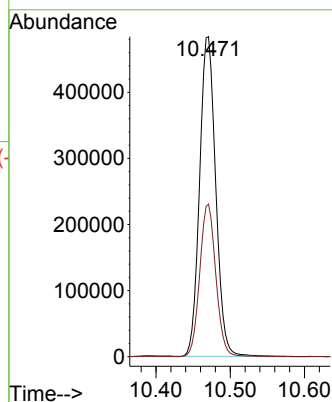
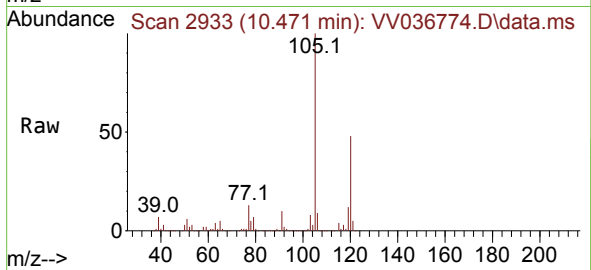
ClientSampleId :

Tgt Ion:105 Resp: 730602

Ion Ratio Lower Upper

105 100

120 47.5 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 47.587 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV036774.D

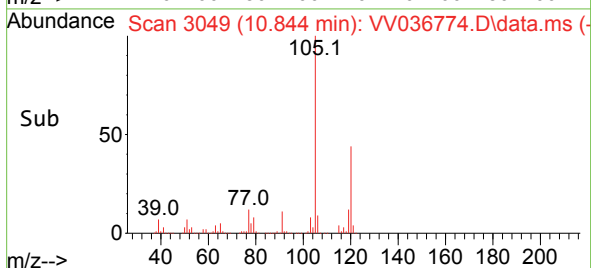
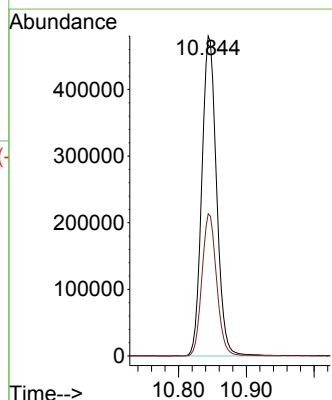
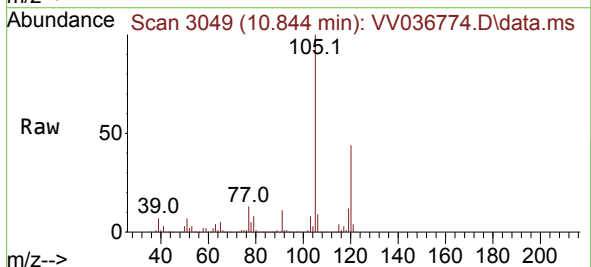
Acq: 05 Aug 2024 09:47

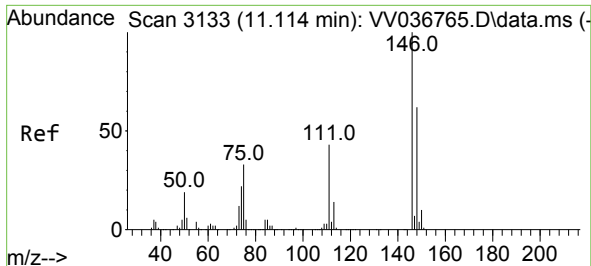
Tgt Ion:105 Resp: 722905

Ion Ratio Lower Upper

105 100

120 44.3 35.6 53.4

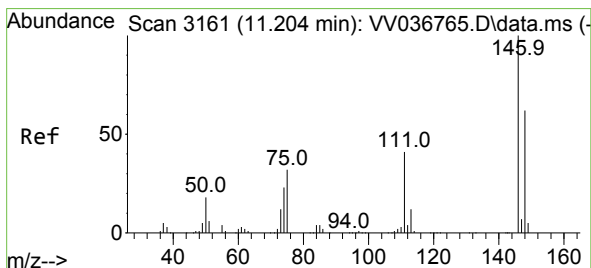
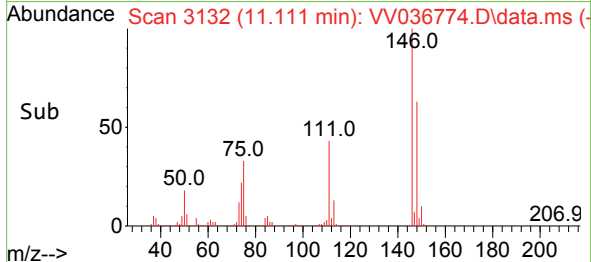
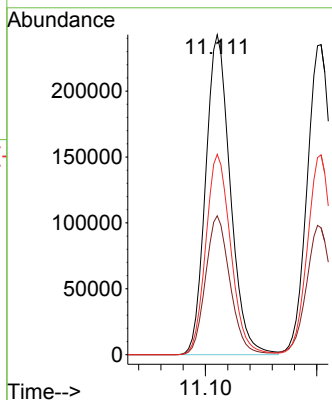
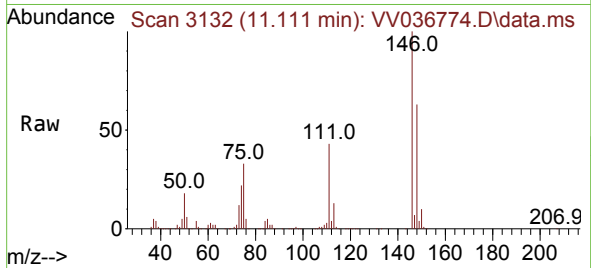




#64
1,3-Dichlorobenzene
Concen: 47.652 ug/L
RT: 11.111 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

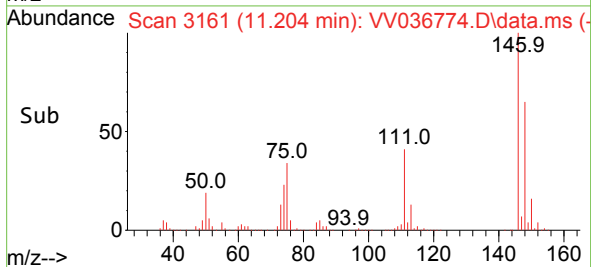
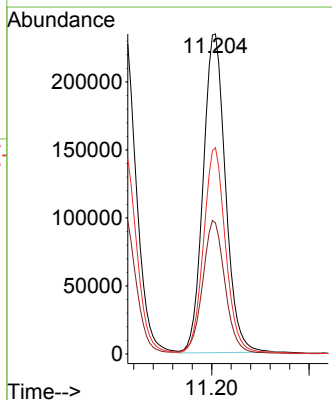
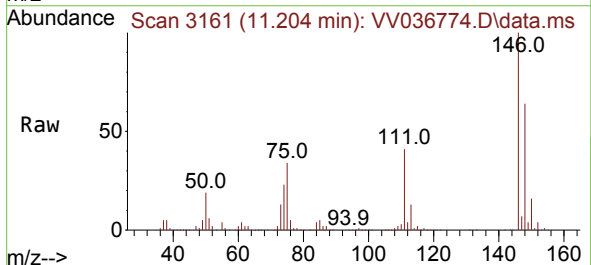
Instrument :
MSVOA_V
ClientSampleId :

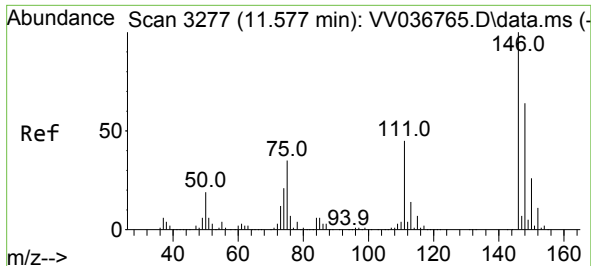
Tgt Ion:146 Resp: 373525
Ion Ratio Lower Upper
146 100
111 43.4 29.8 55.4
148 62.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 46.793 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036774.D
Acq: 05 Aug 2024 09:47

Tgt Ion:146 Resp: 372986
Ion Ratio Lower Upper
146 100
111 40.9 29.0 53.9
148 64.5 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 46.935 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :

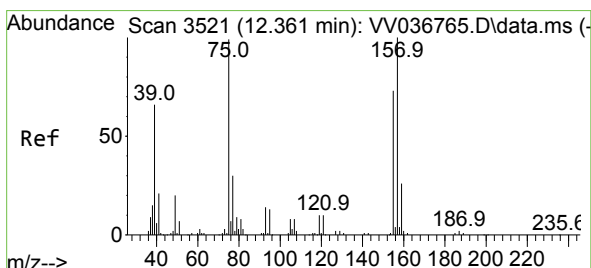
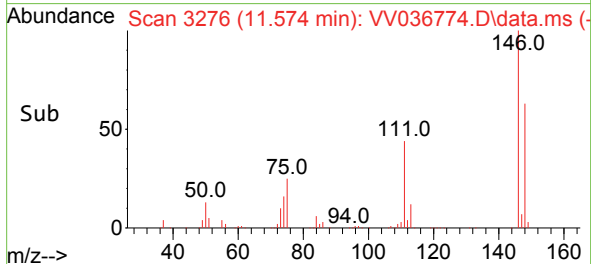
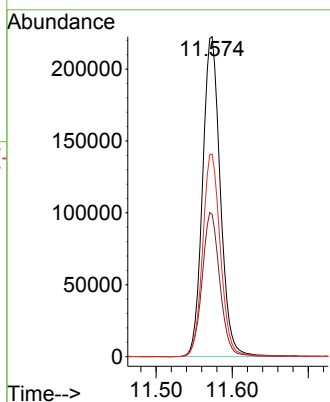
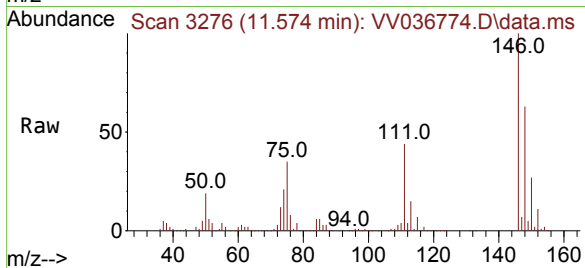
Tgt Ion:146 Resp: 359308

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: 37.425 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

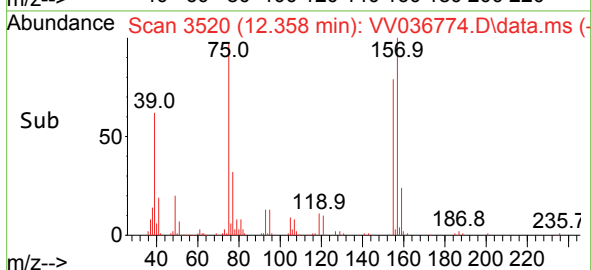
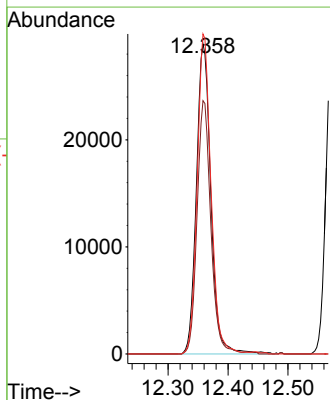
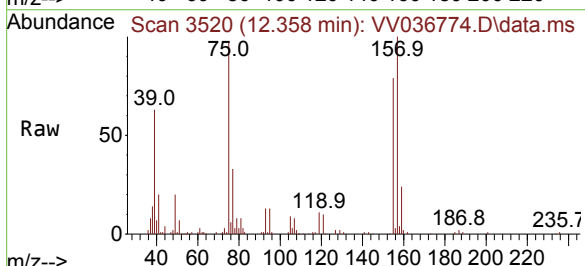
Tgt Ion: 75 Resp: 48745

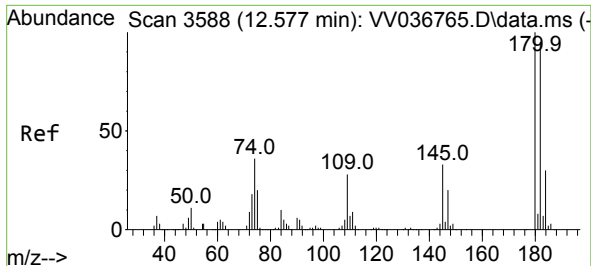
Ion Ratio Lower Upper

75 100

155 81.7 59.5 89.3

157 103.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 47.346 ug/L

RT: 12.577 min Scan# 31

Delta R.T. -0.000 min

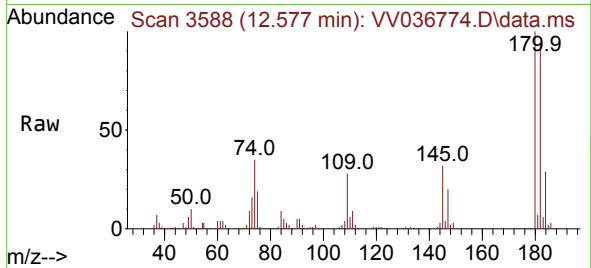
Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 263373

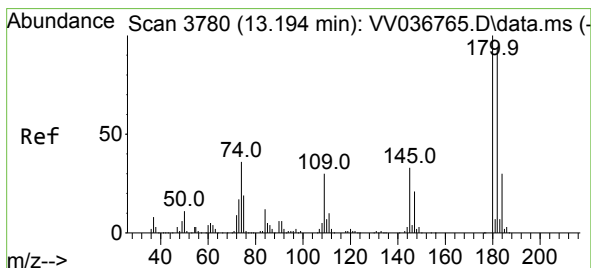
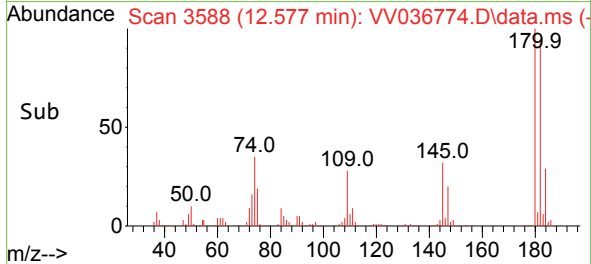
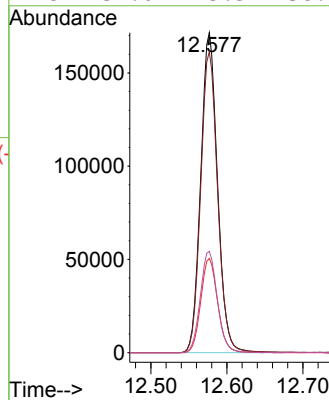
Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.6

184 29.6 23.7 35.5

145 32.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 45.917 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

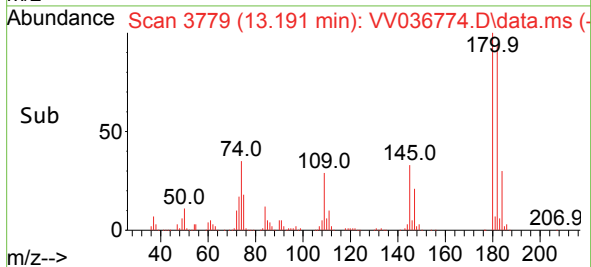
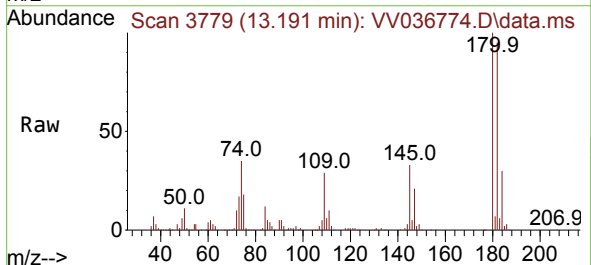
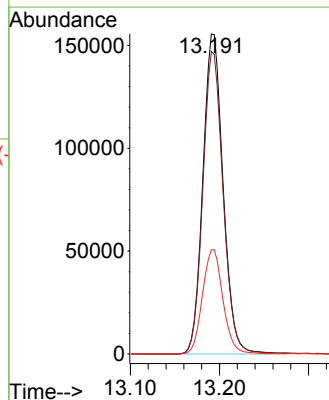
Tgt Ion:180 Resp: 244969

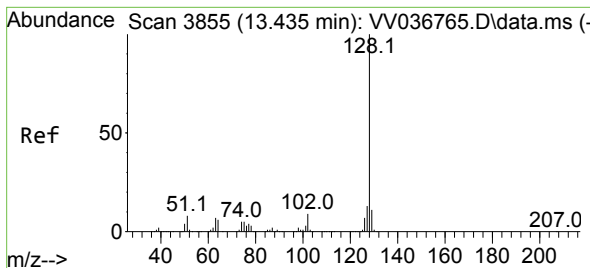
Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

145 33.0 26.5 39.7





#71

Naphthalene

Concen: 38.018 ug/L

RT: 13.432 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :

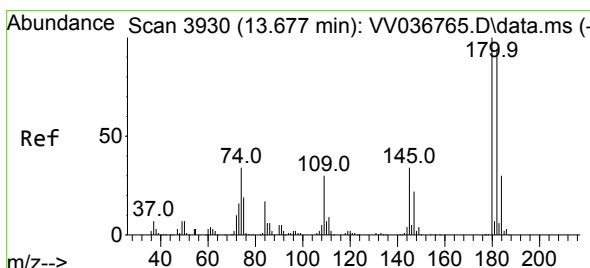
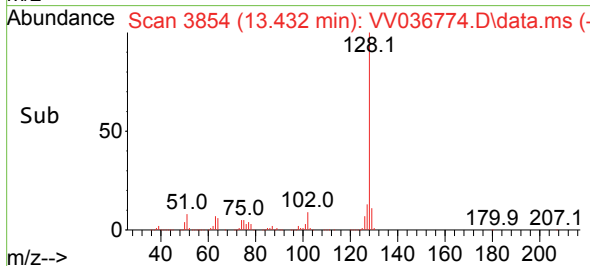
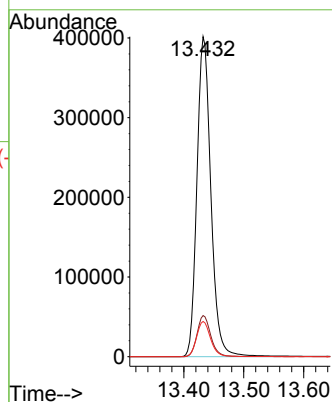
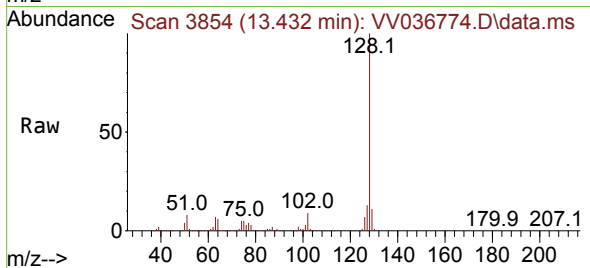
Tgt Ion:128 Resp: 650424

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 44.564 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.003 min

Lab File: VV036774.D

Acq: 05 Aug 2024 09:47

Tgt Ion:180 Resp: 232729

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 34.5 27.8 41.6

