

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081224\
 Data File : VV036891.D
 Acq On : 12 Aug 2024 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 15:04:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 01:11:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	788814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	754315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	379483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	245452	38.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.920%
7) Chloroethane-d5	1.532	69	213769	43.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.060%
11) 1,1-Dichloroethene-d2	2.060	65	107655	39.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.900%
21) 2-Butanone-d5	3.789	46	282319	84.574	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.570%
24) Chloroform-d	4.243	84	542859	48.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
26) 1,2-Dichloroethane-d4	4.934	65	332109	45.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
32) Benzene-d6	4.953	84	1007512	44.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	5.982	67	345451	46.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	7.236	98	880294	42.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	7.548	79	161974	42.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.680%
47) 2-Hexanone-d5	8.024	63	173629	82.157	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	386125	45.752	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.500%
66) 1,2-Dichlorobenzene-d4	11.554	152	360441	46.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	333508	53.025	ug/L	99
3) Chloromethane	1.217	50	339896	51.638	ug/L	99
5) Vinyl chloride	1.285	62	350482	51.849	ug/L	98
6) Bromomethane	1.487	94	209232	49.163	ug/L	98
8) Chloroethane	1.548	64	213846	51.073	ug/L	97
9) Trichlorofluoromethane	1.716	101	457452	51.666	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	275091	52.727	ug/L	99
12) 1,1-Dichloroethene	2.069	96	249575	50.087	ug/L	96
13) Acetone	2.111	43	238334	85.335	ug/L	100
14) Carbon disulfide	2.240	76	735900	47.015	ug/L	100
15) Methyl Acetate	2.372	43	236637	41.129	ug/L	98
16) Methylene chloride	2.445	84	281995	50.340	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	261953	50.753	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	851960	46.867	ug/L	99
19) 1,1-Dichloroethane	3.105	63	531947	51.012	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	313467	51.744	ug/L	95
22) 2-Butanone	3.870	43	298036	79.656	ug/L	98
23) Bromochloromethane	4.140	128	151122	51.354	ug/L	99
25) Chloroform	4.269	83	547929	51.159	ug/L	99

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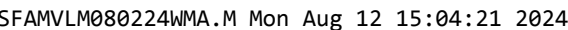
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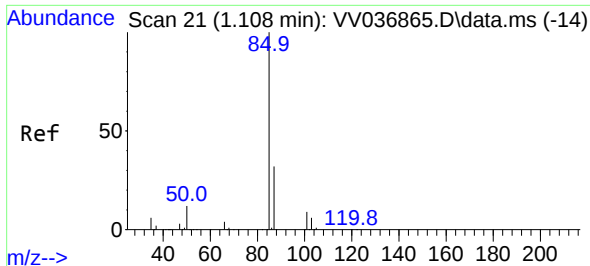
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 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 01:11:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	410586	48.600	ug/L	100
29) Cyclohexane	4.571	56	488610	50.839	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	469058	49.357	ug/L	99
31) Carbon tetrachloride	4.725	117	397539	49.810	ug/L	100
33) Benzene	5.002	78	1160881	51.454	ug/L	100
34) Trichloroethene	5.828	95	325598	49.795	ug/L	97
35) Methylcyclohexane	6.043	83	509971	50.826	ug/L	98
37) 1,2-Dichloropropane	6.088	63	310984	52.032	ug/L	100
38) Bromodichloromethane	6.426	83	409246	49.724	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	517508	50.558	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	582181	78.633	ug/L	98
42) Toluene	7.310	91	1225114	50.980	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	456133	47.821	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	281646	48.660	ug/L	97
46) Tetrachloroethene	7.899	164	220108	51.320	ug/L	100
48) 2-Hexanone	8.072	43	432060	79.324	ug/L	99
49) Dibromochloromethane	8.172	129	292019	49.096	ug/L	99
50) 1,2-Dibromoethane	8.278	107	290107	48.309	ug/L	97
51) Chlorobenzene	8.809	112	792473	51.395	ug/L	98
52) Ethylbenzene	8.940	91	1395126	50.845	ug/L	99
53) m,p-Xylene	9.066	106	526811	51.363	ug/L	97
54) o-Xylene	9.471	106	505596	50.400	ug/L	99
55) Styrene	9.490	104	883728	51.406	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	361645	46.306	ug/L	99
59) Bromoform	9.657	173	189737	45.195	ug/L	99
60) Isopropylbenzene	9.860	105	1388415	50.255	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	296299	43.374	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1152321	50.099	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1155467	50.184	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	613641	51.651	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	613589	50.789	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	592039	51.025	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	74745	37.863	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	431610	51.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	399264	49.377	ug/L	99
71) Naphthalene	13.432	128	1077486	41.553	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	381938	48.254	ug/L	100

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

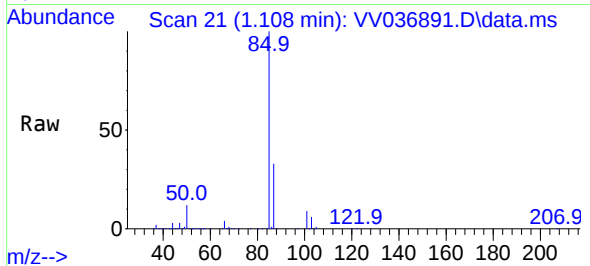
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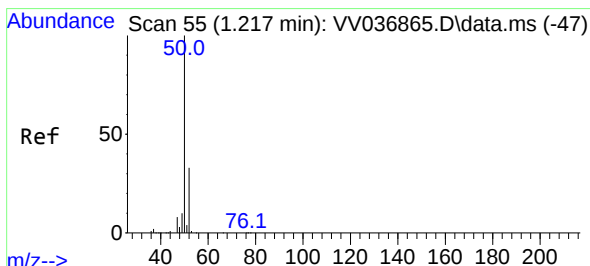
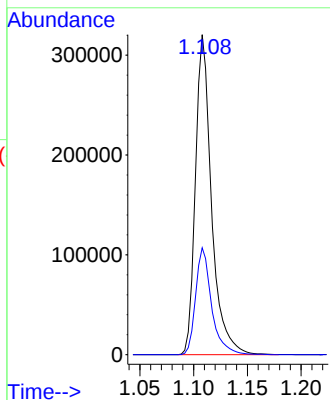
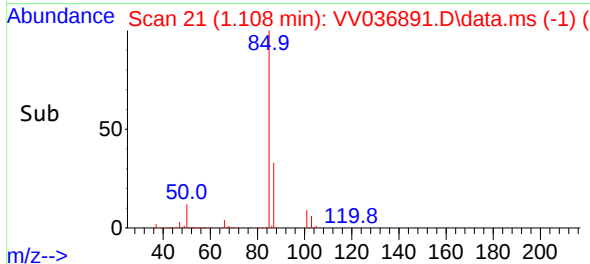


#2
Dichlorodifluoromethane
Concen: 53.025 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

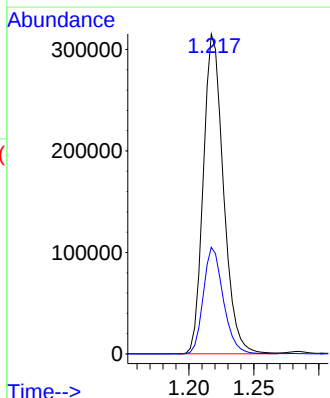
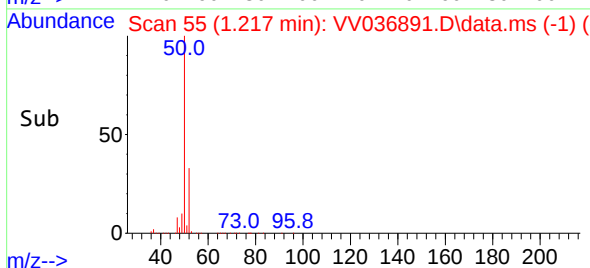
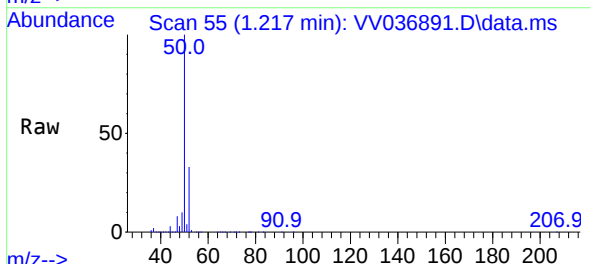


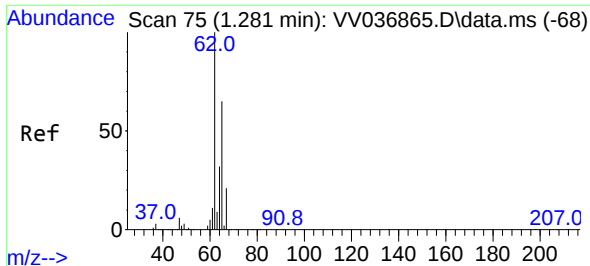
Tgt Ion: 85 Resp: 333508
Ion Ratio Lower Upper
85 100
87 33.2 25.9 38.9



#3
Chloromethane
Concen: 51.638 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

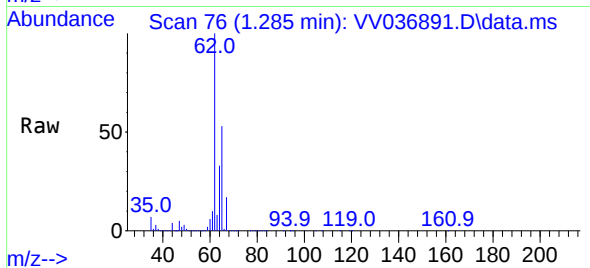
Tgt Ion: 50 Resp: 339896
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8



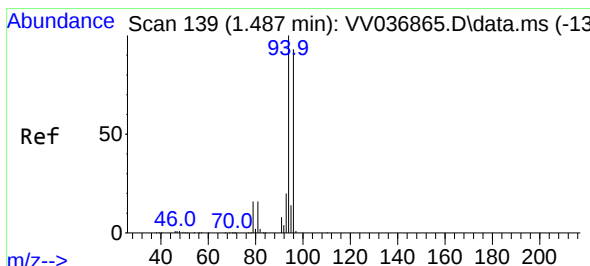
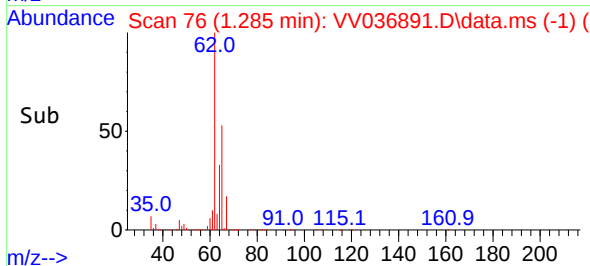
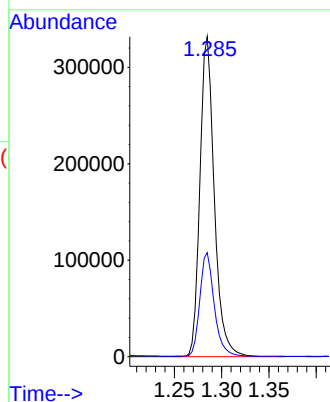


#5
 Vinyl chloride
 Concen: 51.849 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VV036891.D
 Acq: 12 Aug 2024 09:24

Instrument :
 MSVOA_V
 ClientSampleId :

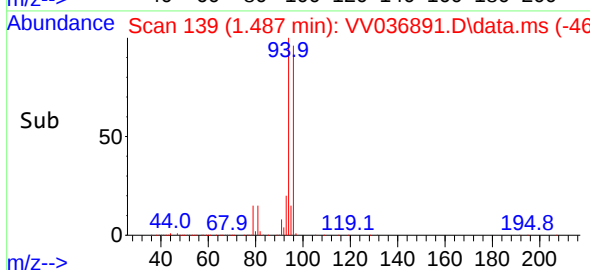
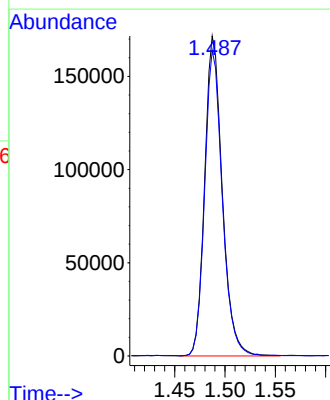
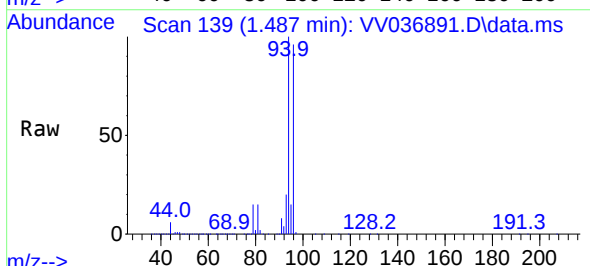


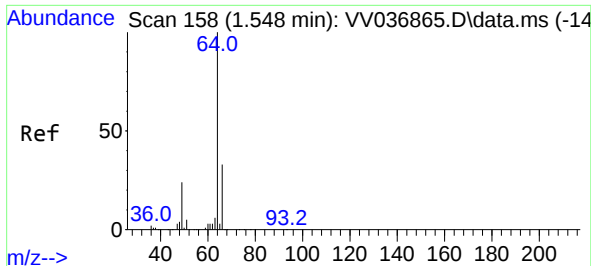
Tgt Ion: 62 Resp: 350482
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.6 43.8



#6
 Bromomethane
 Concen: 49.163 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV036891.D
 Acq: 12 Aug 2024 09:24

Tgt Ion: 94 Resp: 209232
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.5 121.7

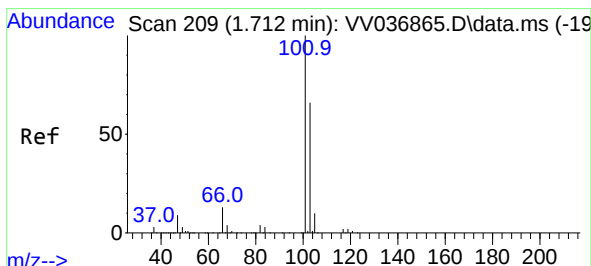
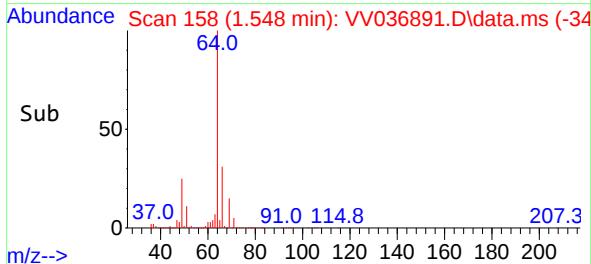
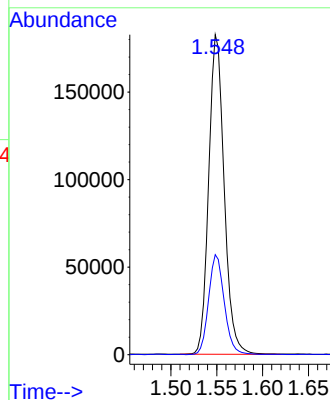
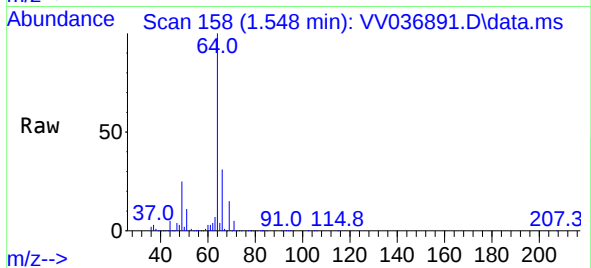




#8
Chloroethane
Concen: 51.073 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

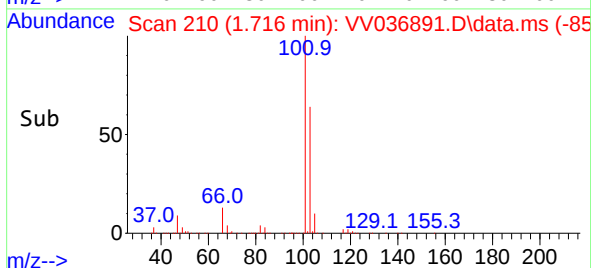
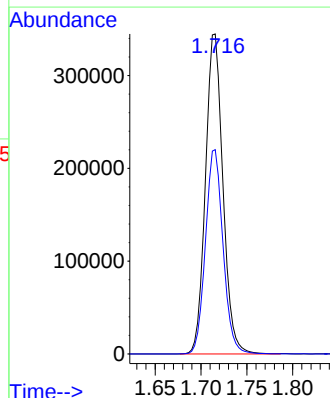
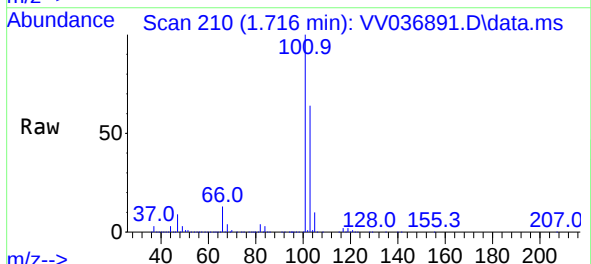
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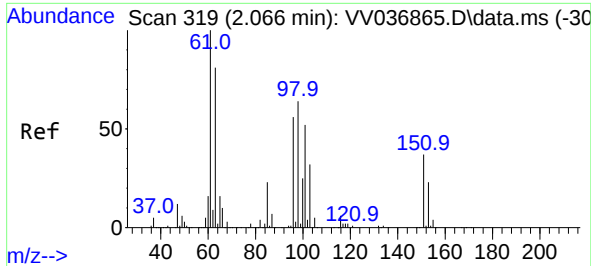
Tgt Ion: 64 Resp: 213846
Ion Ratio Lower Upper
64 100
66 31.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 51.666 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion:101 Resp: 457452
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

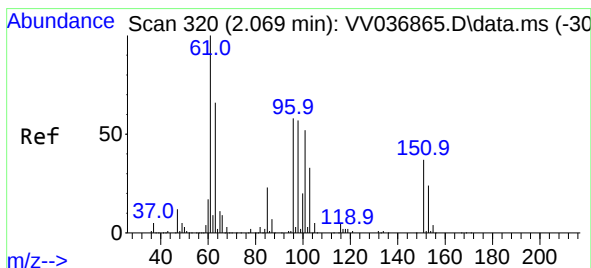
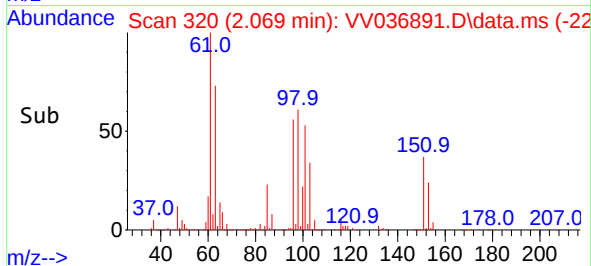
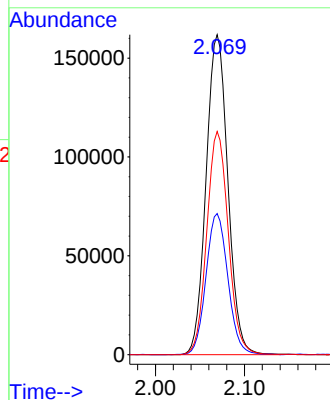
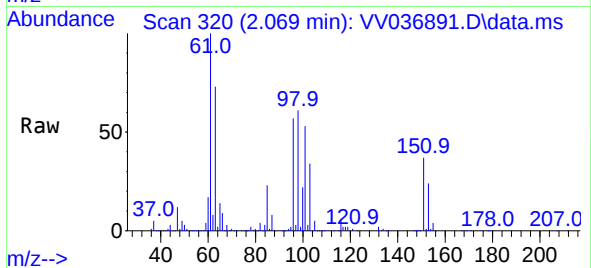




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.727 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

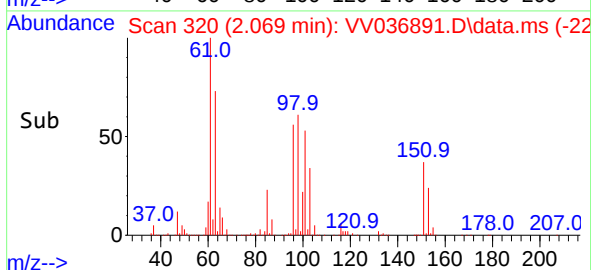
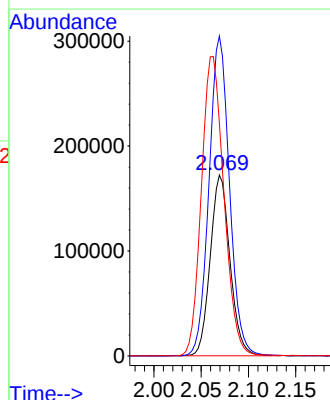
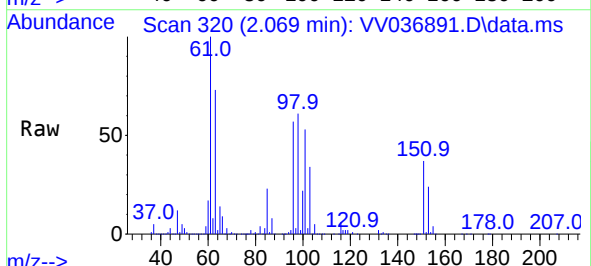
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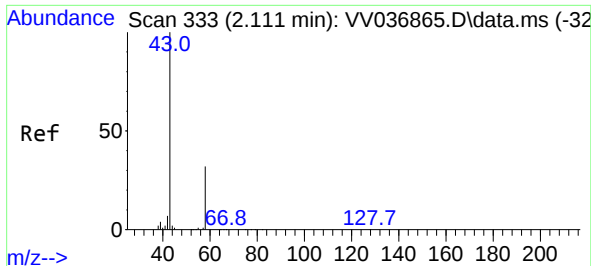
Tgt Ion:101 Resp: 275091
Ion Ratio Lower Upper
101 100
85 44.4 34.6 51.8
151 68.9 55.9 83.9



#12
1,1-Dichloroethene
Concen: 50.087 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion: 96 Resp: 249575
Ion Ratio Lower Upper
96 100
61 176.9 125.6 233.2
63 128.6 95.1 176.7





#13

Acetone

Concen: 85.335 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

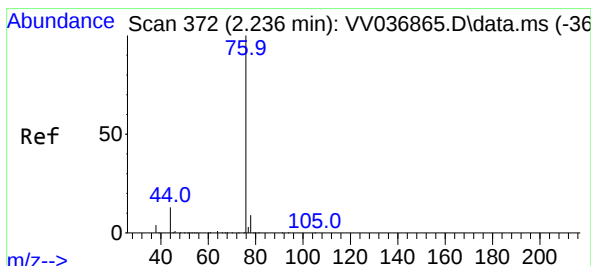
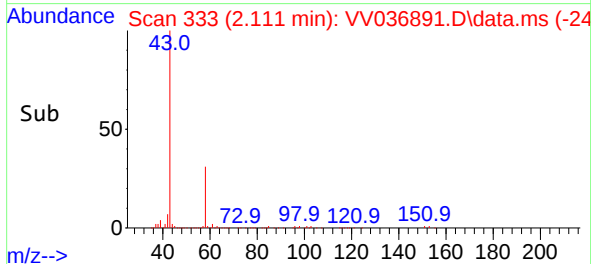
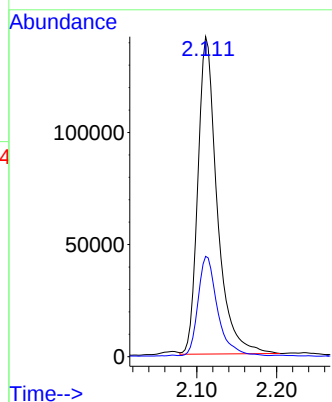
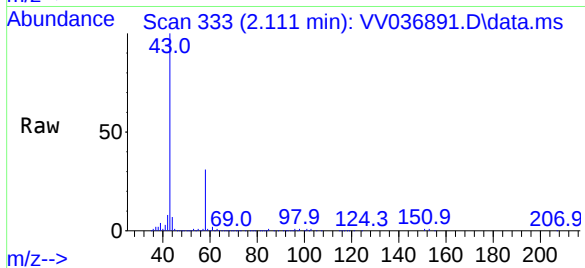
ClientSampleId :

Tgt Ion: 43 Resp: 238334

Ion Ratio Lower Upper

43 100

58 31.5 0.0 63.4



#14

Carbon disulfide

Concen: 47.015 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV036891.D

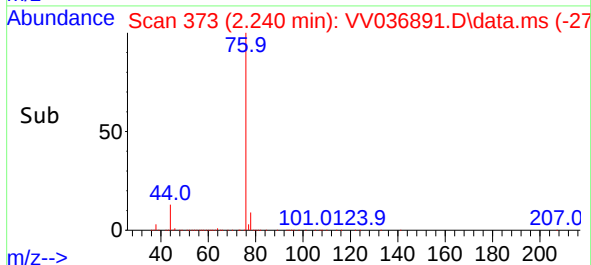
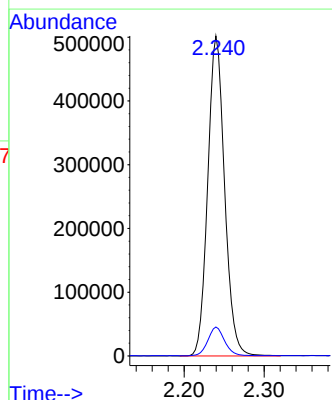
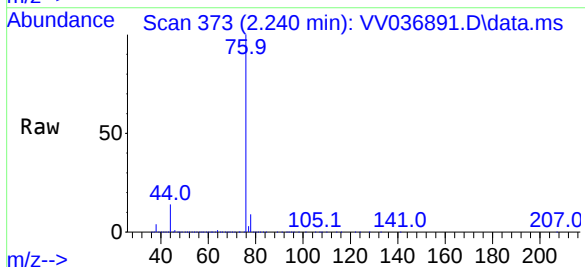
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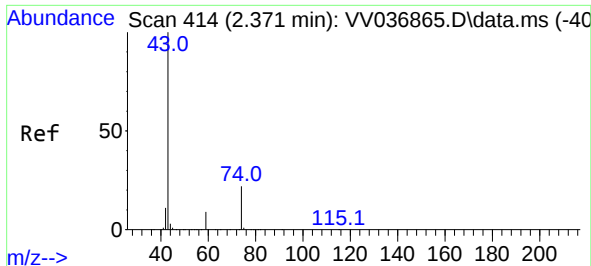
Tgt Ion: 76 Resp: 735900

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

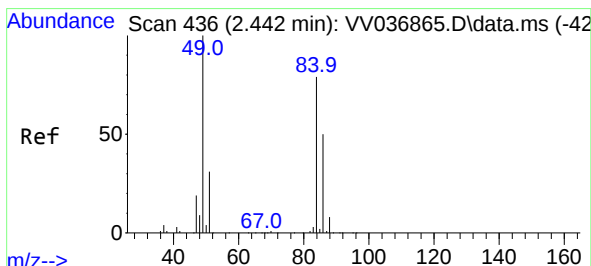
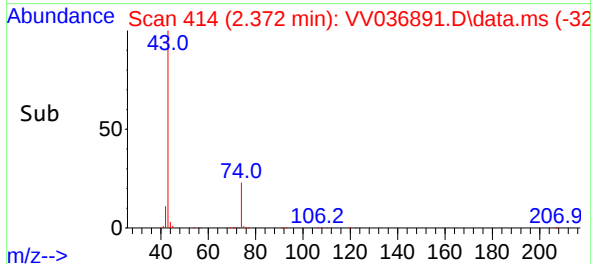
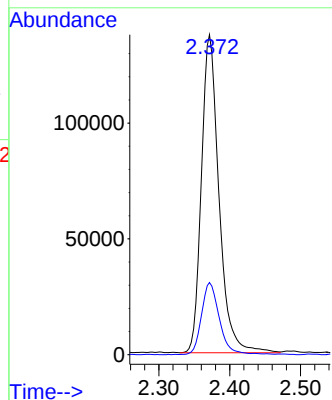
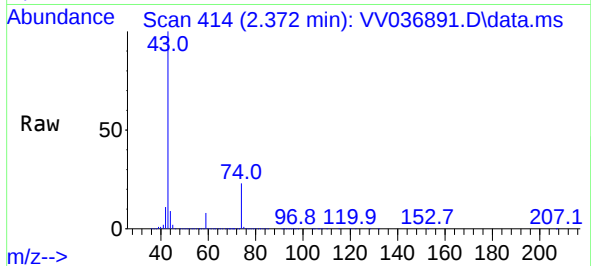




#15
Methyl Acetate
Concen: 41.129 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

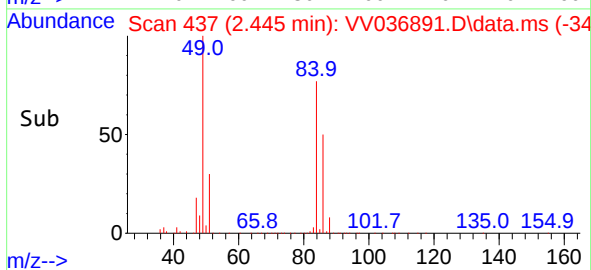
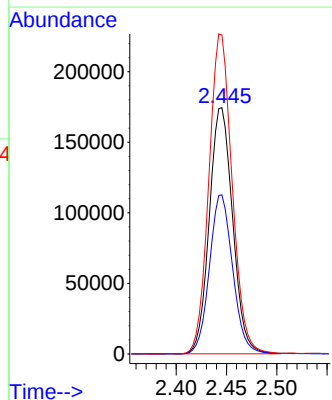
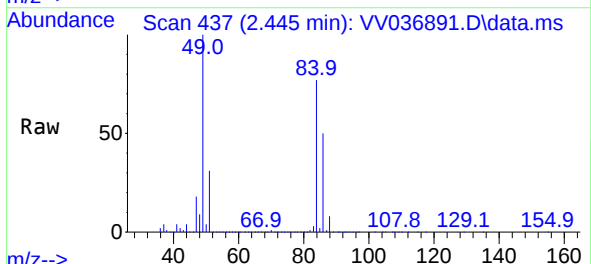
Instrument :
MSVOA_V
ClientSampleId :

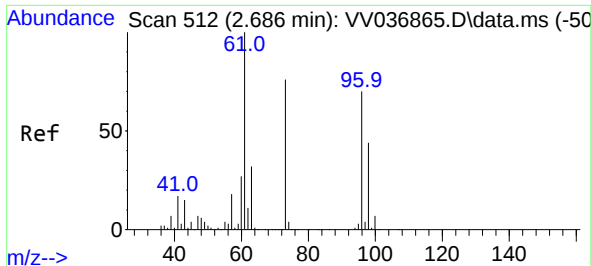
Tgt Ion: 43 Resp: 236637
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.4



#16
Methylene chloride
Concen: 50.340 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

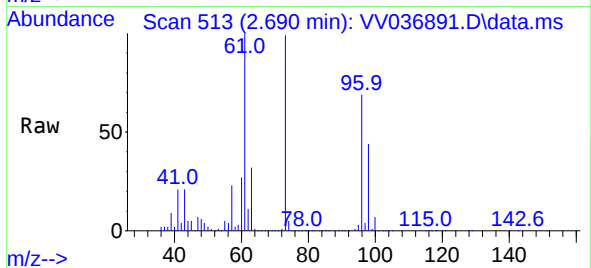
Tgt Ion: 84 Resp: 281995
Ion Ratio Lower Upper
84 100
86 64.5 44.3 82.3
49 129.6 91.1 169.1



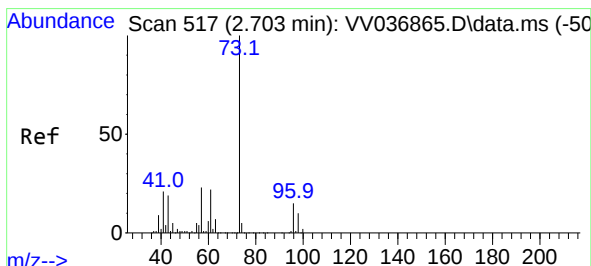
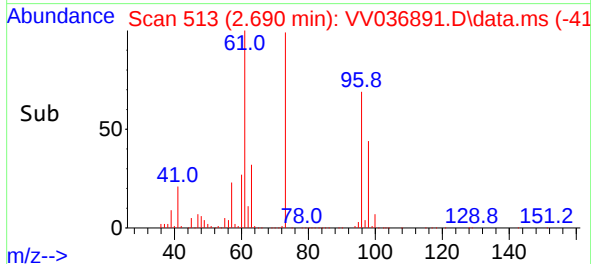
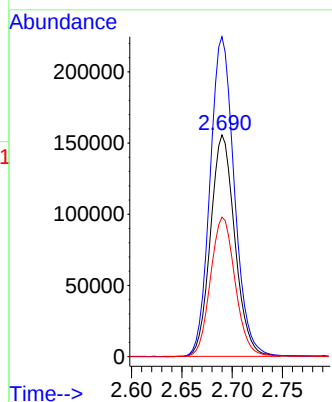


#17
trans-1,2-Dichloroethene
Concen: 50.753 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

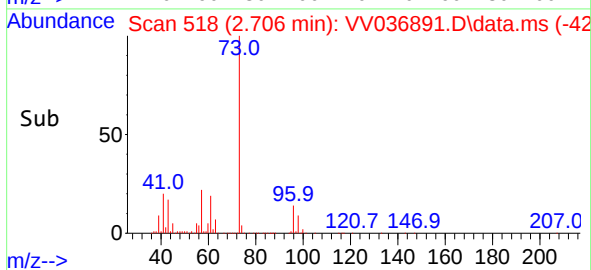
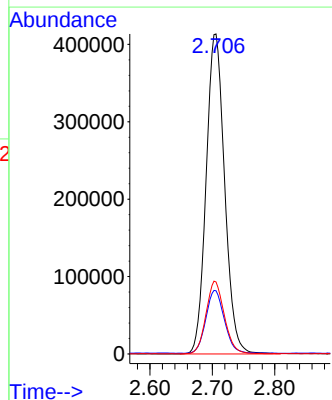
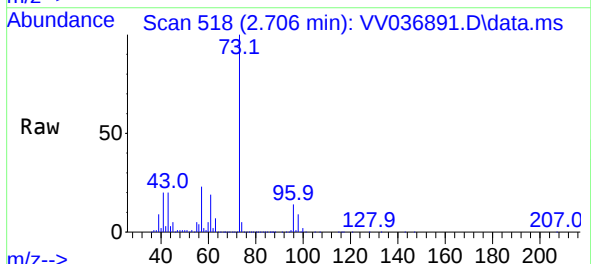


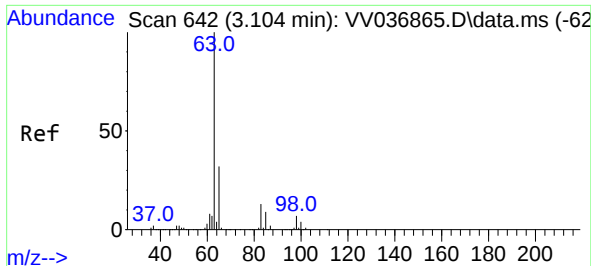
Tgt Ion: 96 Resp: 261953
Ion Ratio Lower Upper
96 100
61 144.3 100.0 185.8
98 62.9 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 46.867 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

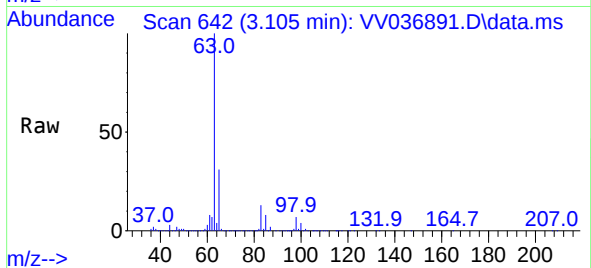
Tgt Ion: 73 Resp: 851960
Ion Ratio Lower Upper
73 100
43 19.7 16.1 24.1
57 22.5 17.9 26.9





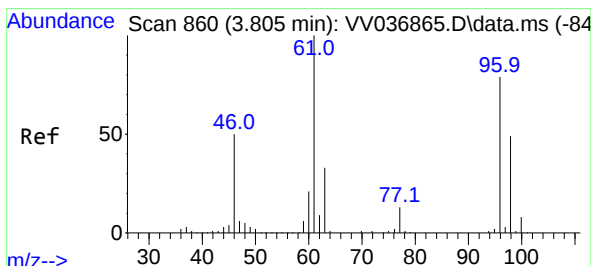
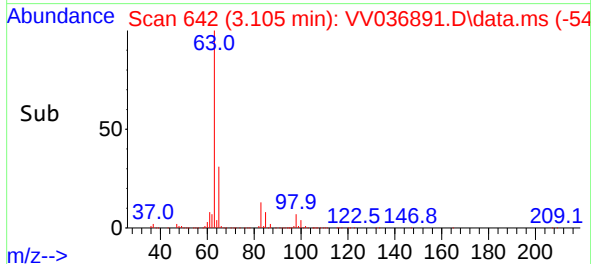
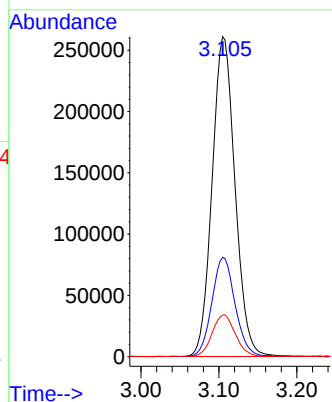
#19
1,1-Dichloroethane
Concen: 51.012 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 531947

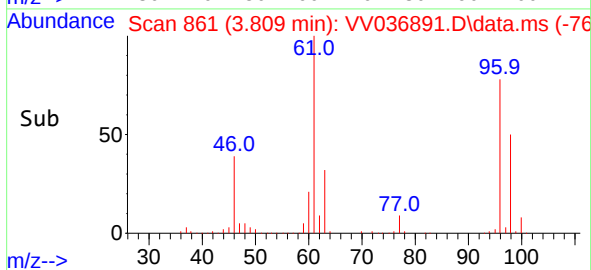
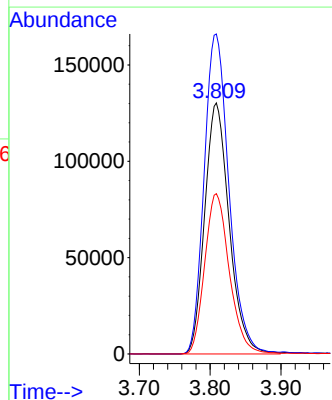
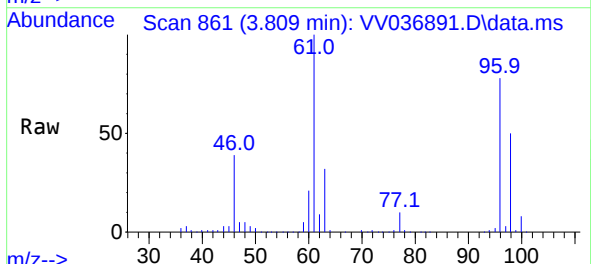
Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.2	43.0
83	13.0	9.2	17.0

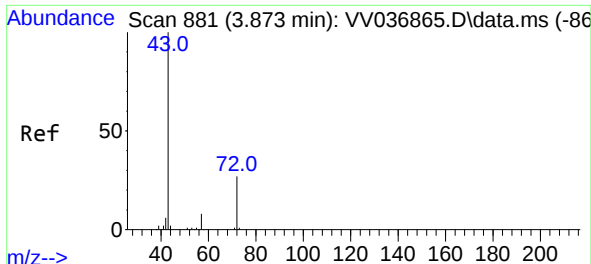


#20
cis-1,2-Dichloroethene
Concen: 51.744 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion: 96 Resp: 313467

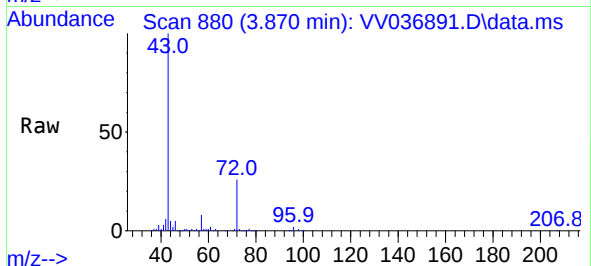
Ion	Ratio	Lower	Upper
96	100		
61	127.5	93.9	174.5
98	63.9	46.0	85.4



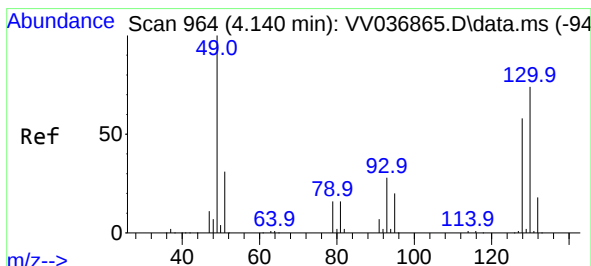
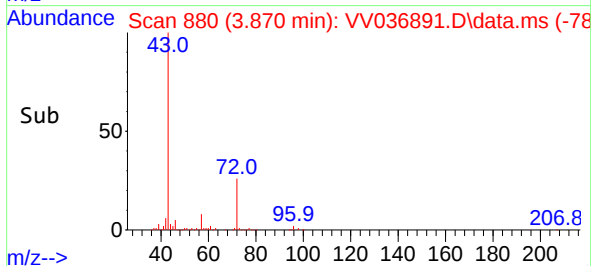
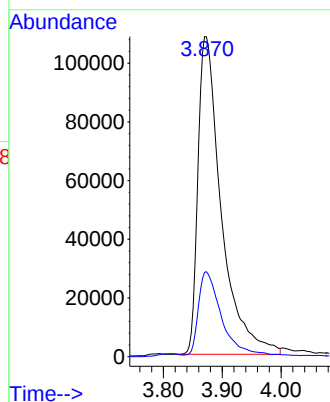


#22
2-Butanone
Concen: 79.656 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

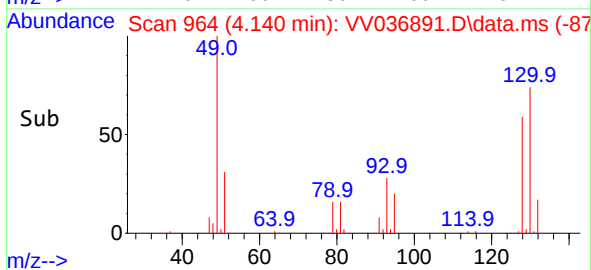
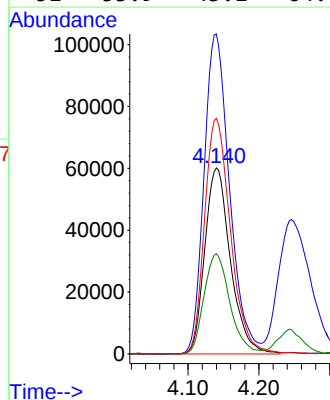
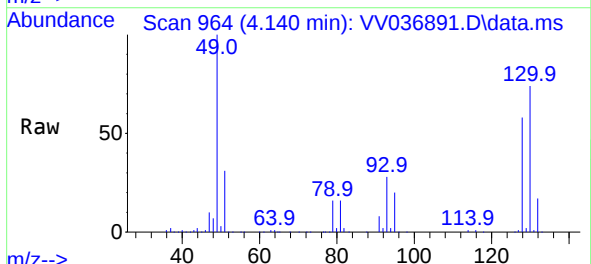


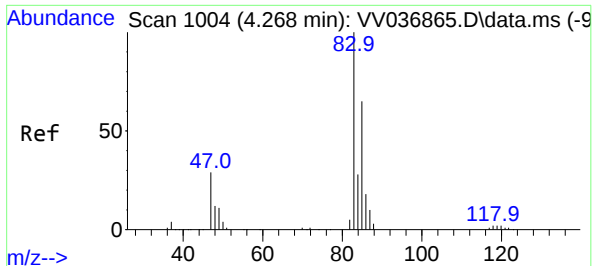
Tgt Ion: 43 Resp: 298036
Ion Ratio Lower Upper
43 100
72 25.8 12.5 37.5



#23
Bromochloromethane
Concen: 51.354 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion:128 Resp: 151122
Ion Ratio Lower Upper
128 100
49 172.0 120.0 223.0
130 126.7 87.0 161.6
51 53.9 43.1 64.7





#25

Chloroform

Concen: 51.159 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

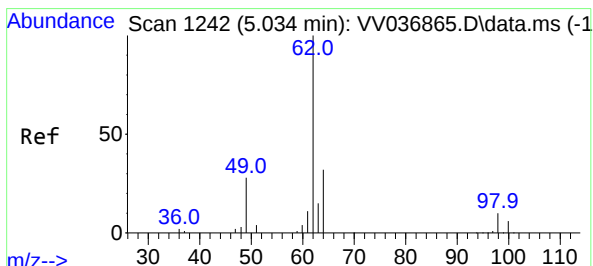
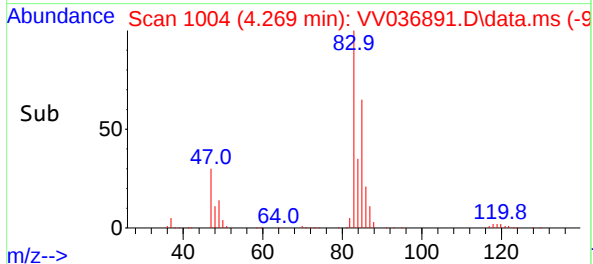
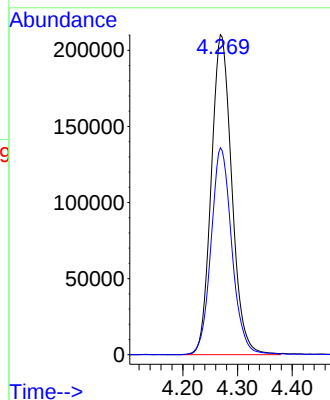
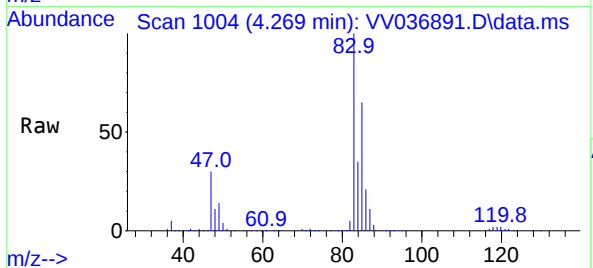
ClientSampleId :

Tgt Ion: 83 Resp: 547929

Ion Ratio Lower Upper

83 100

85 64.6 46.0 85.4



#27

1,2-Dichloroethane

Concen: 48.600 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036891.D

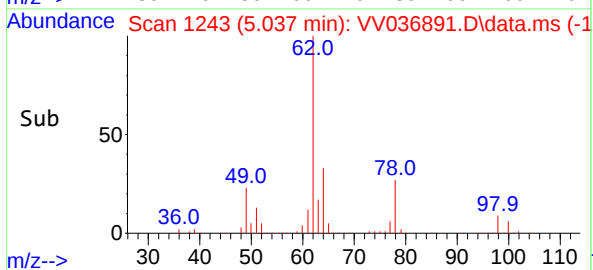
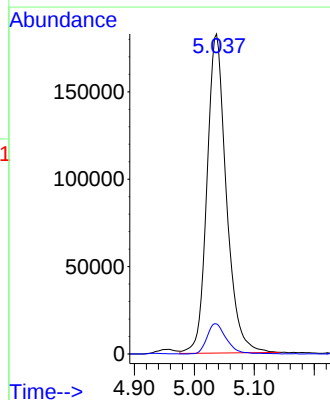
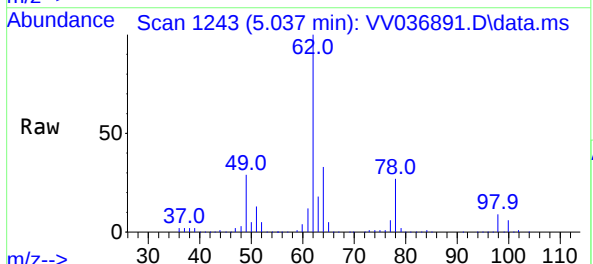
Acq: 12 Aug 2024 09:24

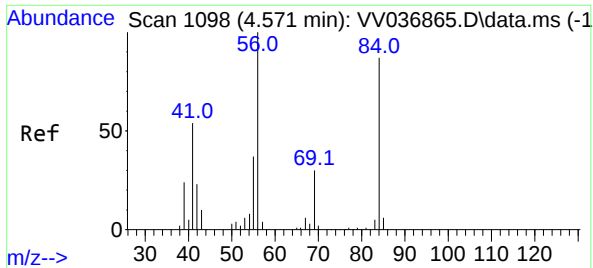
Tgt Ion: 62 Resp: 410586

Ion Ratio Lower Upper

62 100

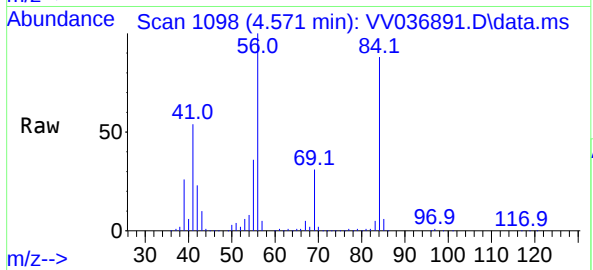
98 9.4 7.5 11.3



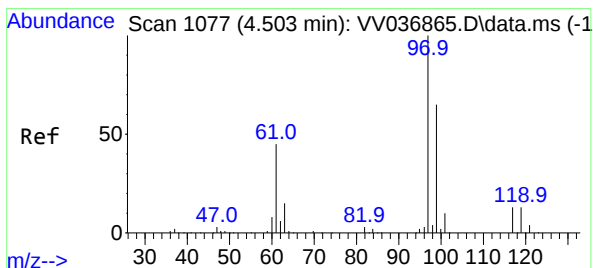
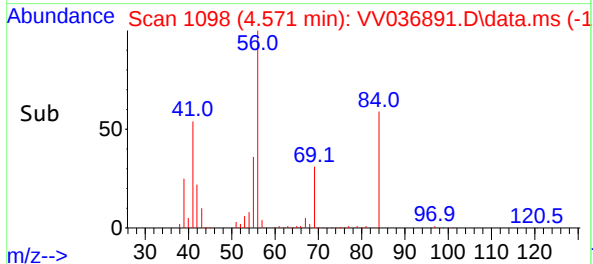
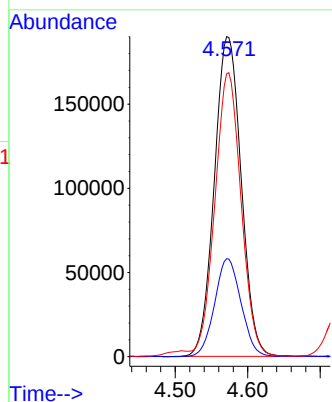


#29
Cyclohexane
Concen: 50.839 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

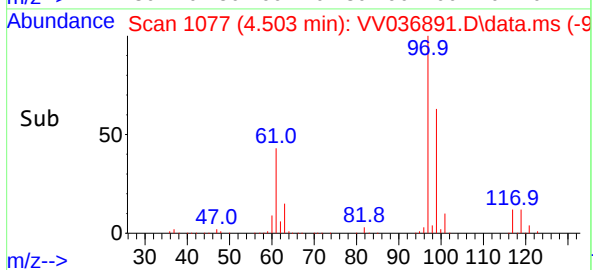
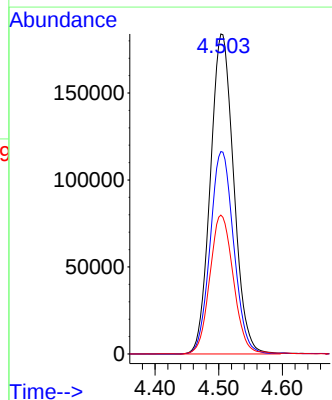
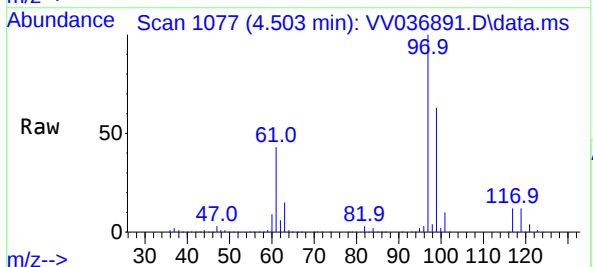


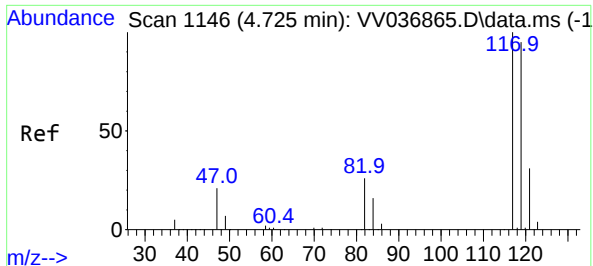
Tgt Ion: 56 Resp: 488610
Ion Ratio Lower Upper
56 100
69 30.2 24.7 37.1
84 86.3 68.5 102.7



#30
1,1,1-Trichloroethane
Concen: 49.357 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion: 97 Resp: 469058
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 44.0 36.0 54.0

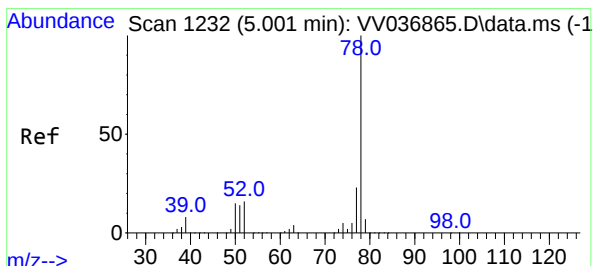
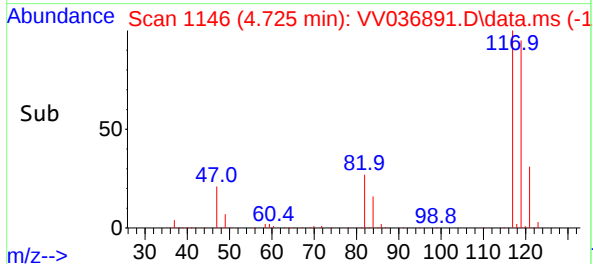
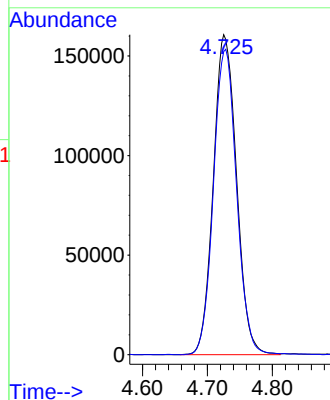
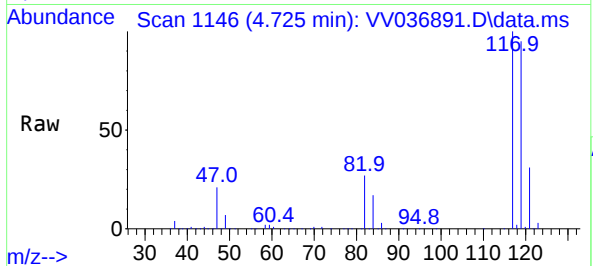




#31
Carbon tetrachloride
Concen: 49.810 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

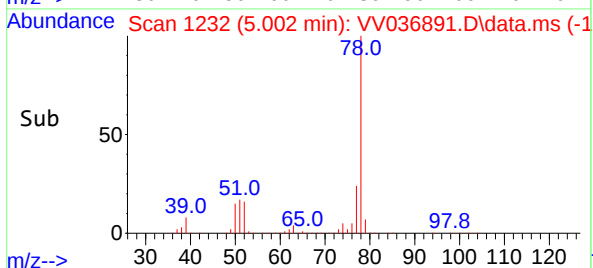
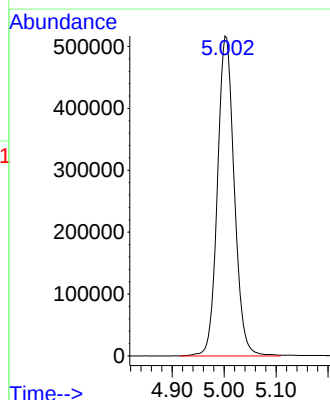
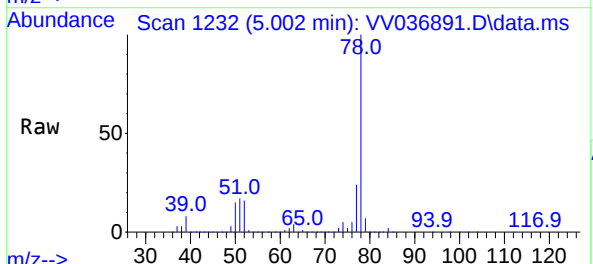
Instrument :
MSVOA_V
ClientSampleId :

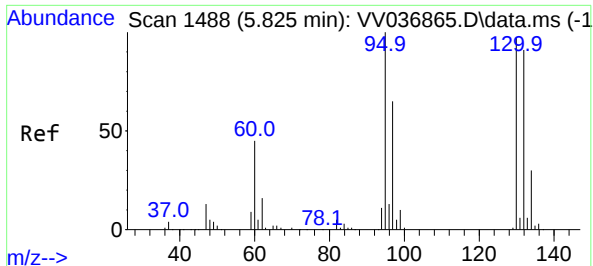
Tgt Ion:117 Resp: 397539
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1



#33
Benzene
Concen: 51.454 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

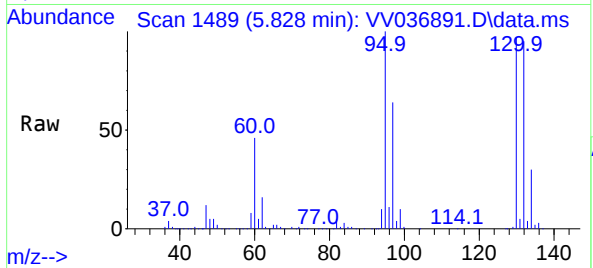
Tgt Ion: 78 Resp: 1160881





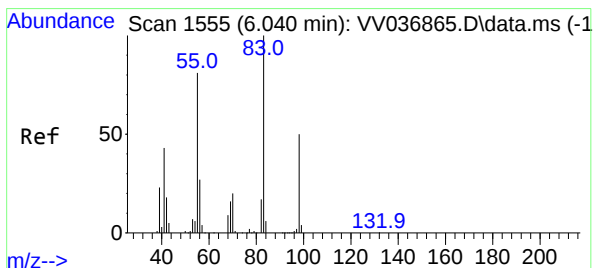
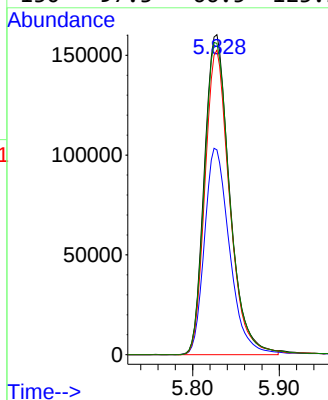
#34
 Trichloroethene
 Concen: 49.795 ug/L
 RT: 5.828 min Scan# 1488
 Delta R.T. 0.003 min
 Lab File: VV036891.D
 Acq: 12 Aug 2024 09:24

Instrument :
 MSVOA_V
 ClientSampleId :

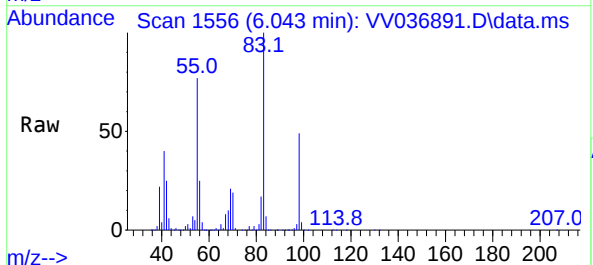


Tgt Ion: 95 Resp: 325598

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.7	82.9
132	95.2	62.9	116.9
130	97.3	66.5	123.5

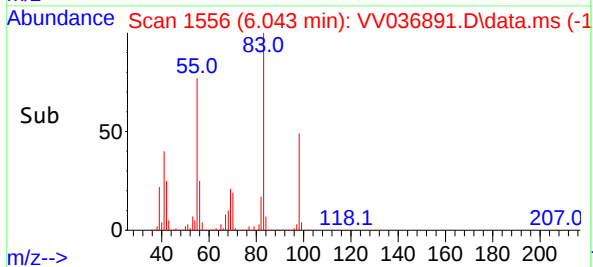
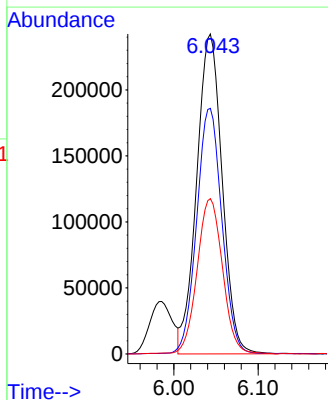


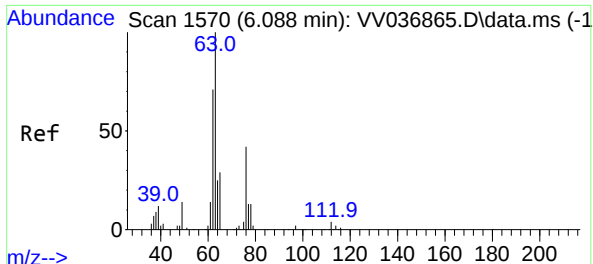
#35
 Methylcyclohexane
 Concen: 50.826 ug/L
 RT: 6.043 min Scan# 1556
 Delta R.T. 0.003 min
 Lab File: VV036891.D
 Acq: 12 Aug 2024 09:24



Tgt Ion: 83 Resp: 509971

Ion	Ratio	Lower	Upper
83	100		
55	75.5	62.3	93.5
98	48.4	38.7	58.1

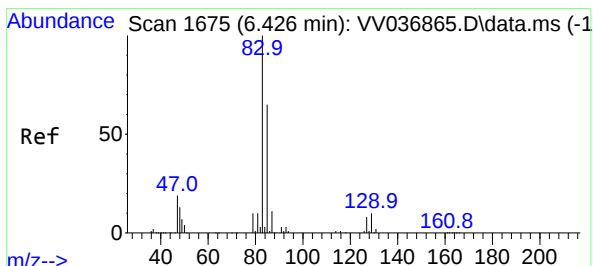
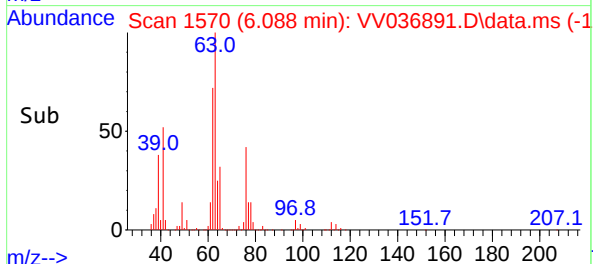
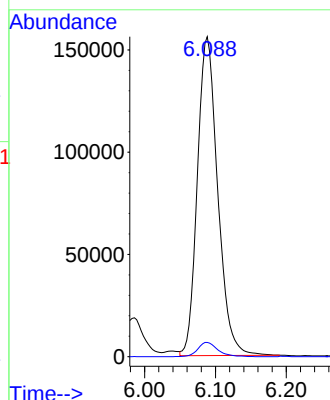
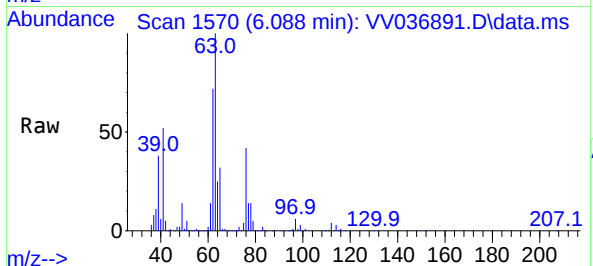




#37
1,2-Dichloropropane
Concen: 52.032 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

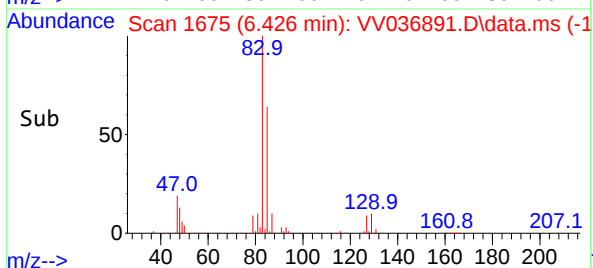
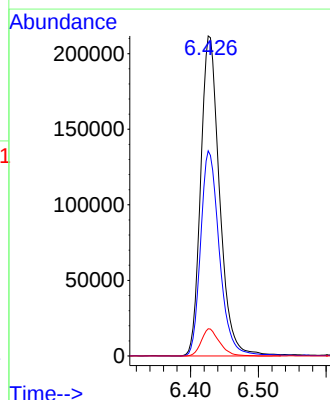
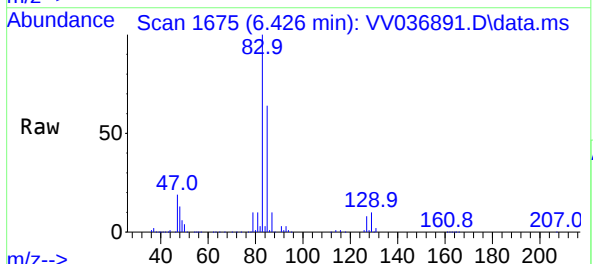
Instrument :
MSVOA_V
ClientSampleId :

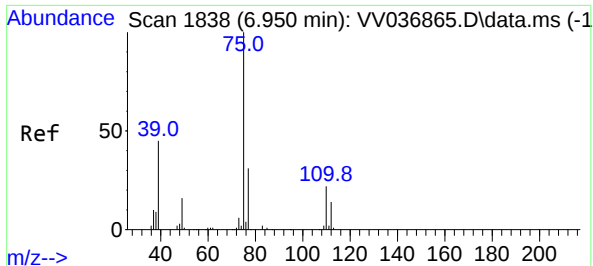
Tgt Ion: 63 Resp: 310984
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 49.724 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion: 83 Resp: 409246
Ion Ratio Lower Upper
83 100
85 64.1 44.7 83.1
127 8.5 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 50.558 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

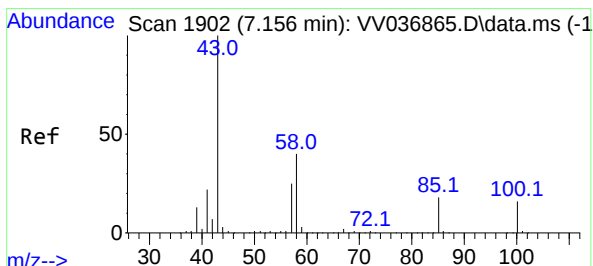
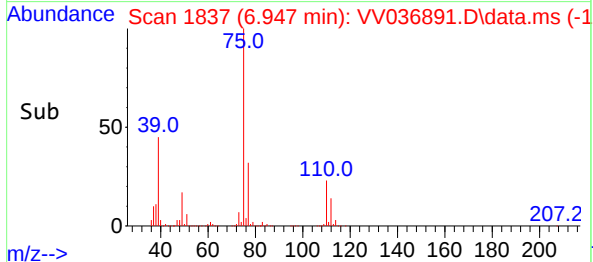
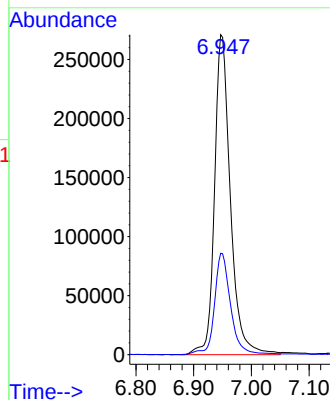
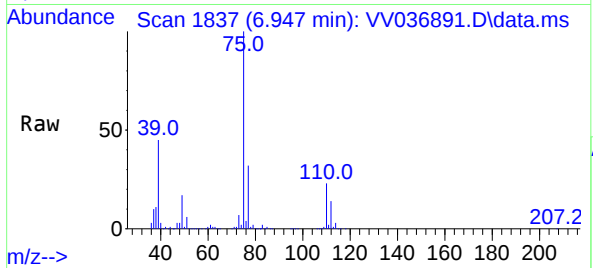
ClientSampleId :

Tgt Ion: 75 Resp: 517508

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 78.633 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

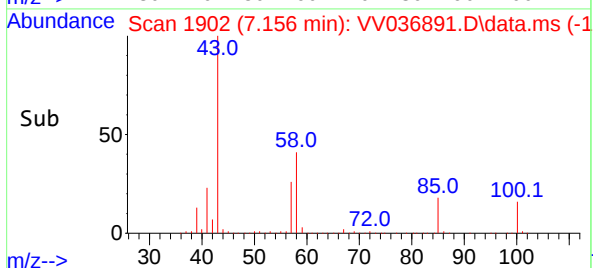
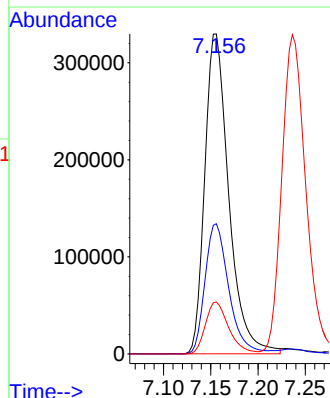
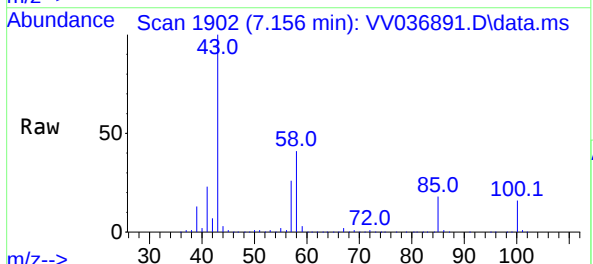
Tgt Ion: 43 Resp: 582181

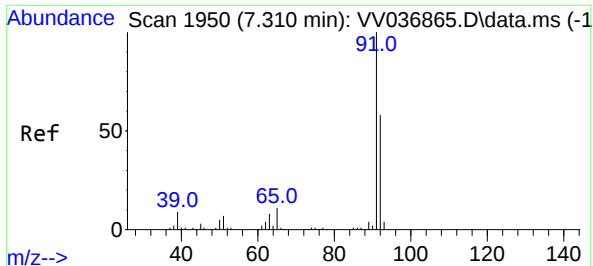
Ion Ratio Lower Upper

43 100

58 40.3 31.3 46.9

100 15.9 12.6 18.8





#42

Toluene

Concen: 50.980 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

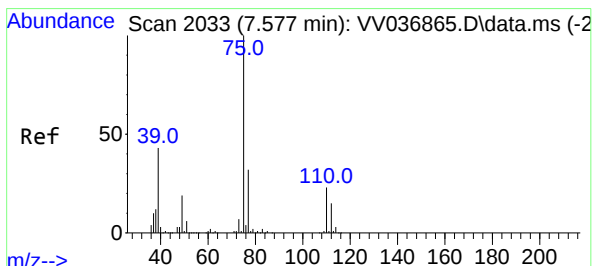
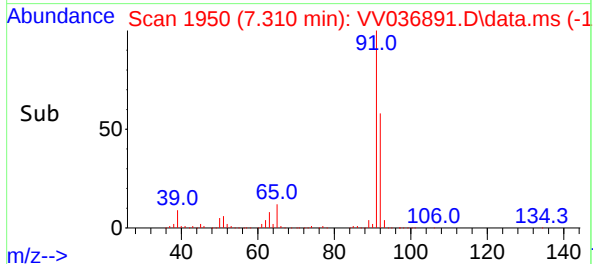
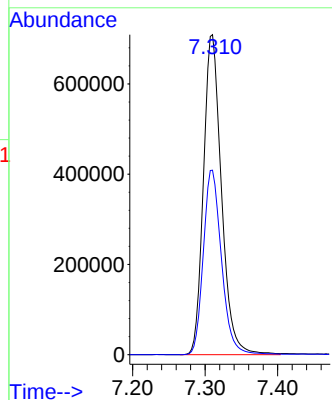
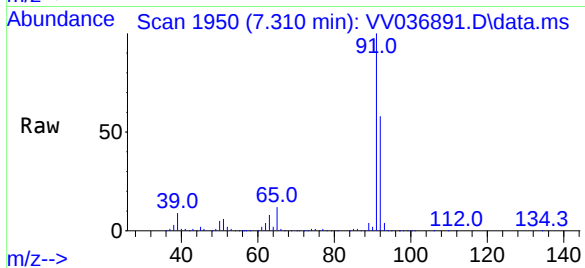
ClientSampleId :

Tgt Ion: 91 Resp: 1225114

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 47.821 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036891.D

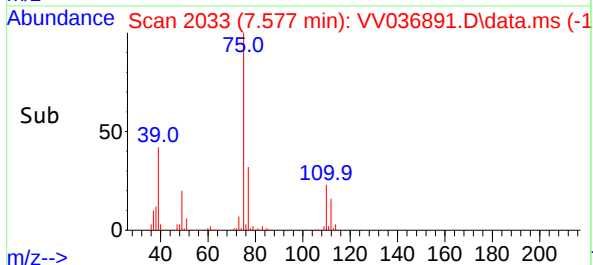
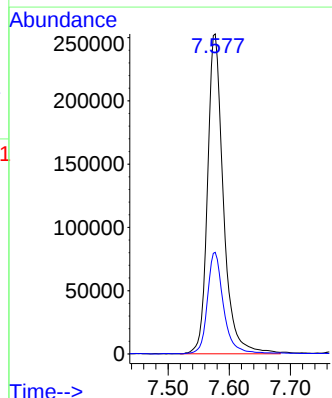
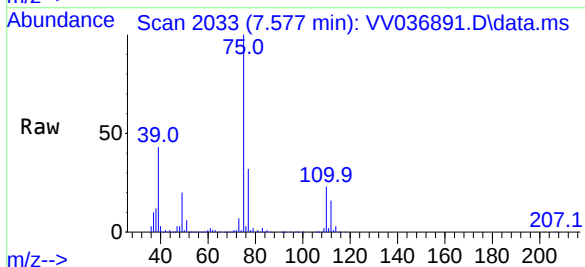
Acq: 12 Aug 2024 09:24

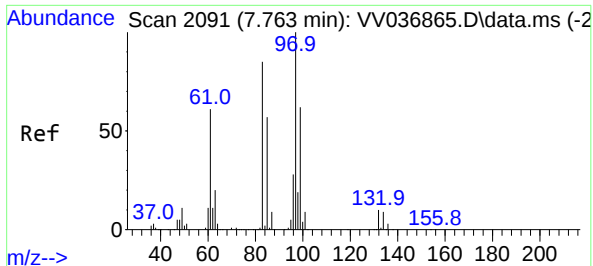
Tgt Ion: 75 Resp: 456133

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 48.660 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 281646

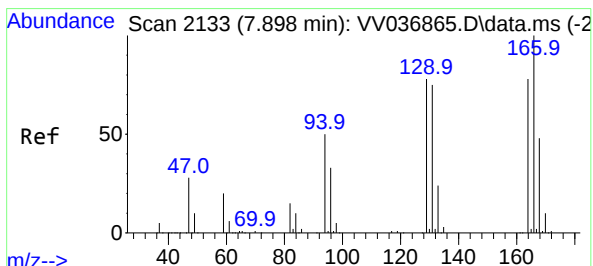
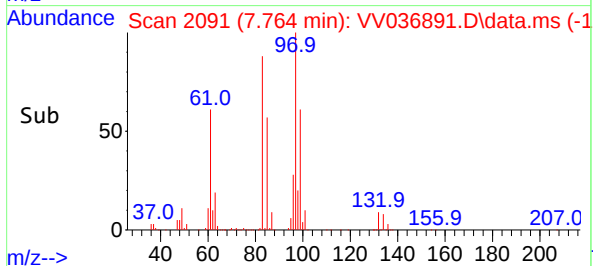
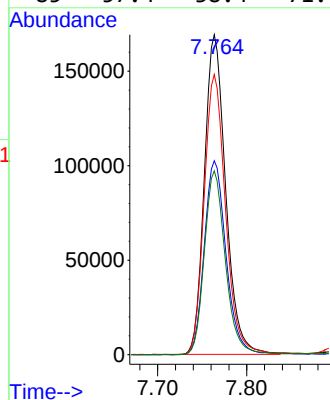
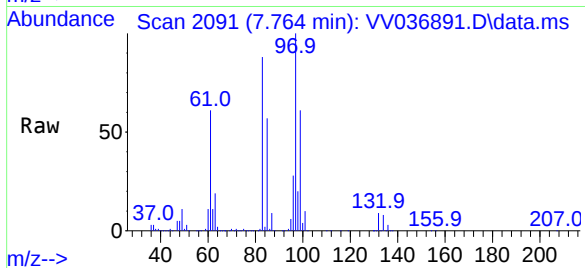
Ion Ratio Lower Upper

97 100

99 60.6 44.0 81.6

83 87.6 60.1 111.5

85 57.4 38.4 71.4



#46

Tetrachloroethene

Concen: 51.320 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Tgt Ion:164 Resp: 220108

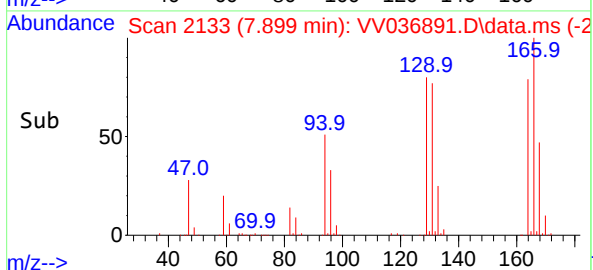
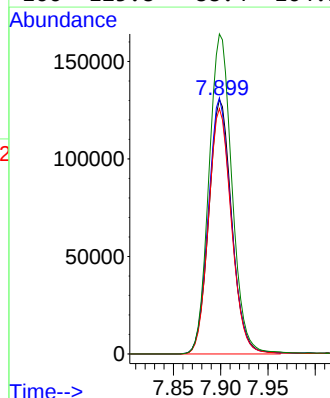
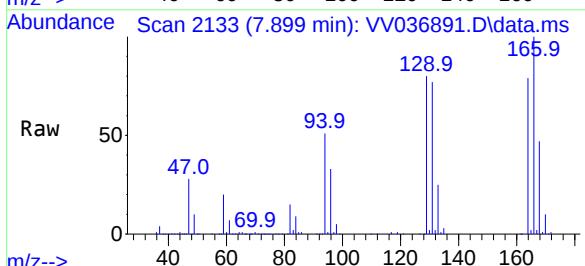
Ion Ratio Lower Upper

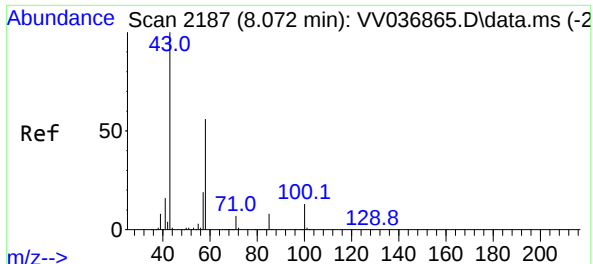
164 100

129 100.7 70.4 130.8

131 96.4 67.7 125.7

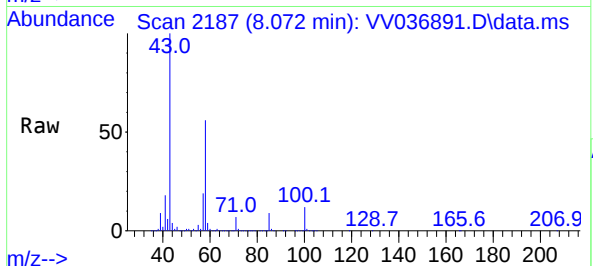
166 125.8 88.4 164.2





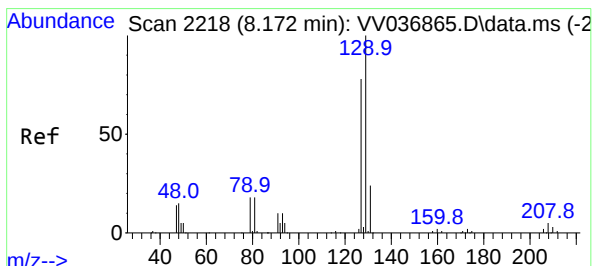
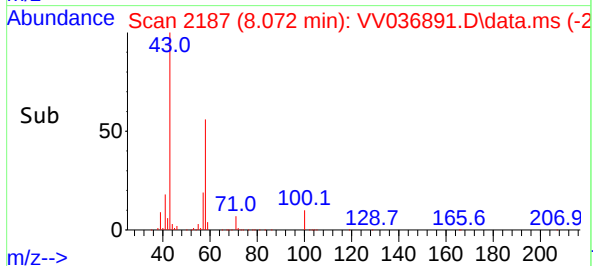
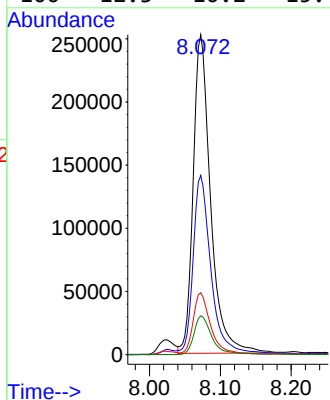
#48
2-Hexanone
Concen: 79.324 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 432060

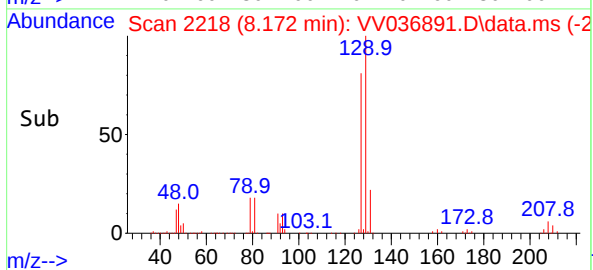
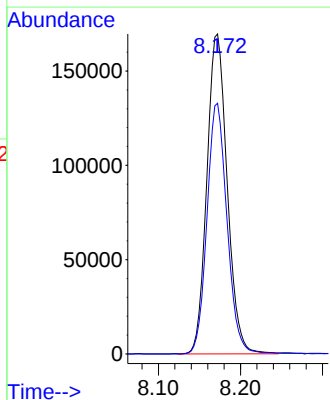
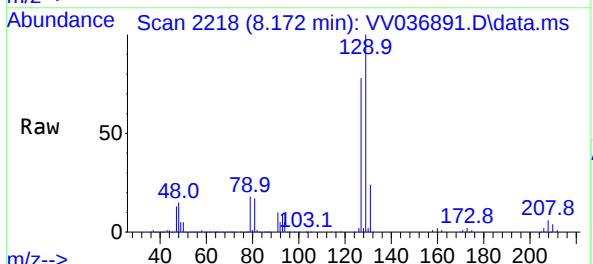
Ion	Ratio	Lower	Upper
43	100		
58	56.6	44.7	67.1
57	19.2	15.0	22.4
100	12.3	10.2	15.4

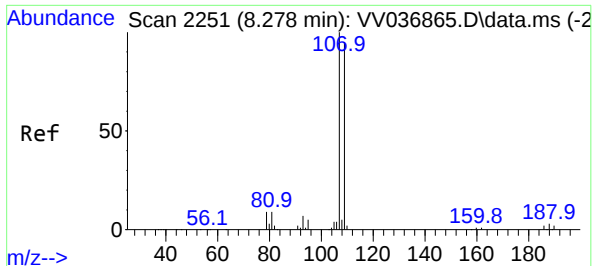


#49
Dibromochloromethane
Concen: 49.096 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion: 129 Resp: 292019

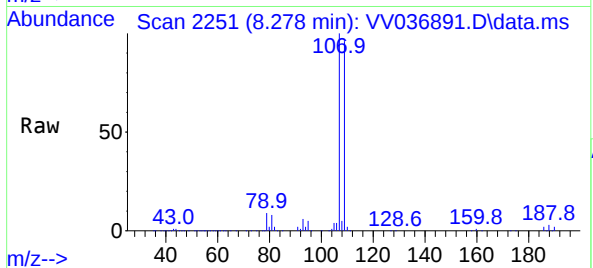
Ion	Ratio	Lower	Upper
129	100		
127	78.3	55.4	102.8



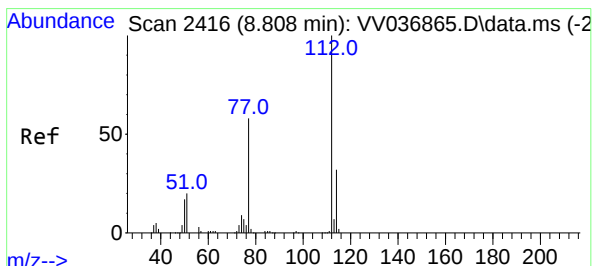
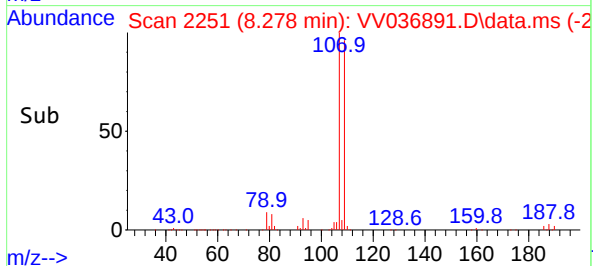
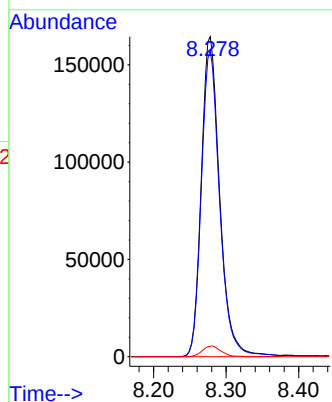


#50
1,2-Dibromoethane
Concen: 48.309 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

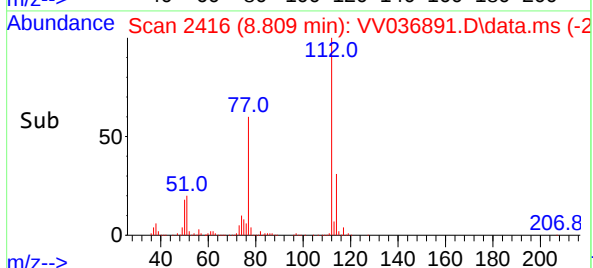
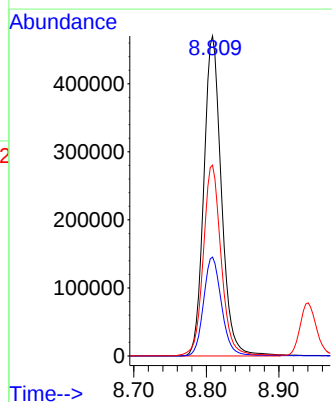
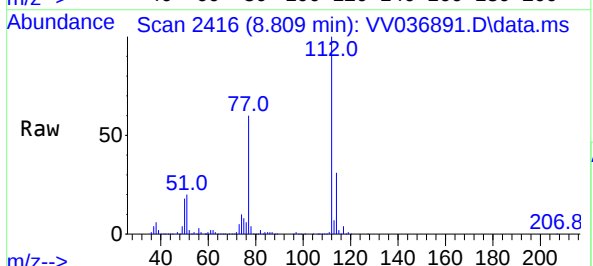


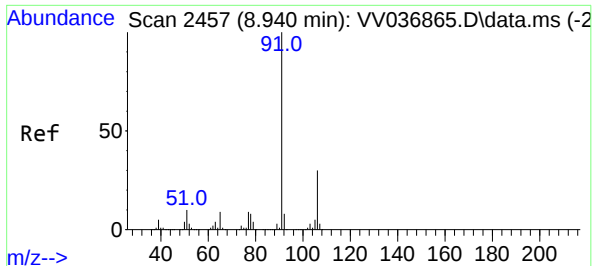
Tgt Ion:107 Resp: 290107
Ion Ratio Lower Upper
107 100
109 95.7 64.7 120.1
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 51.395 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion:112 Resp: 792473
Ion Ratio Lower Upper
112 100
114 30.9 22.3 41.5
77 59.7 48.9 73.3





#52

Ethylbenzene

Concen: 50.845 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

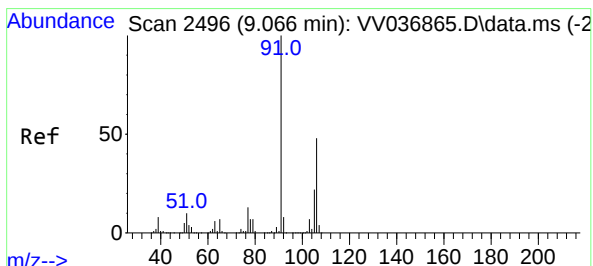
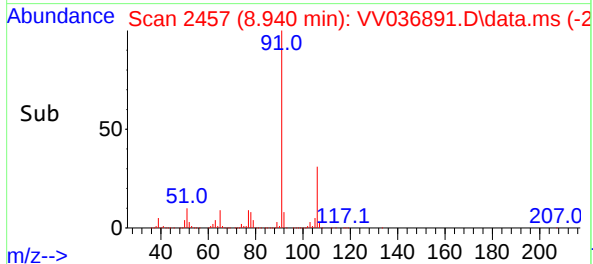
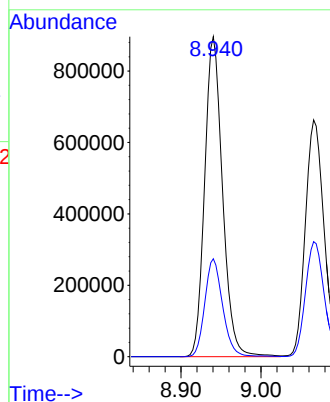
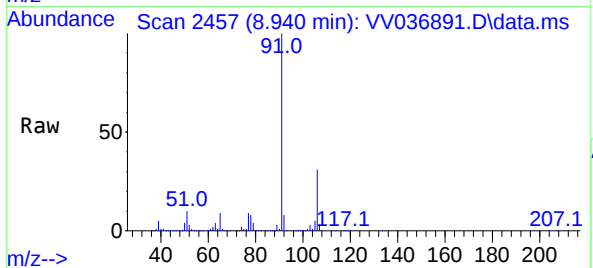
ClientSampleId :

Tgt Ion: 91 Resp: 1395126

Ion Ratio Lower Upper

91 100

106 30.6 21.1 39.1



#53

m,p-Xylene

Concen: 51.363 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV036891.D

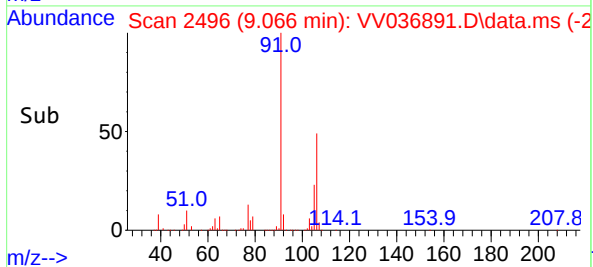
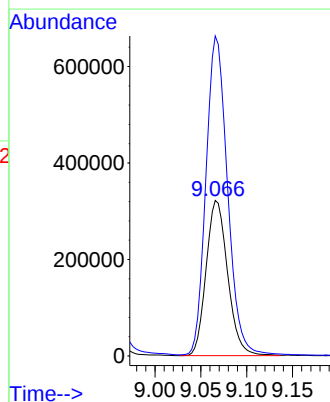
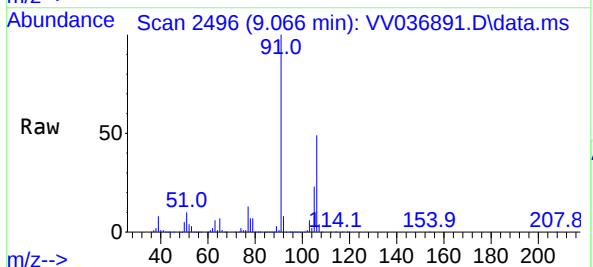
Acq: 12 Aug 2024 09:24

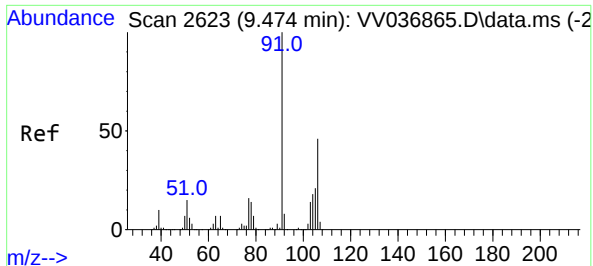
Tgt Ion:106 Resp: 526811

Ion Ratio Lower Upper

106 100

91 205.8 147.1 273.3

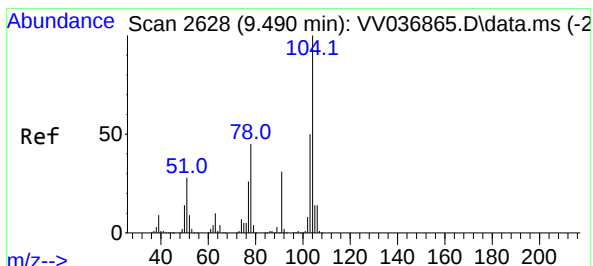
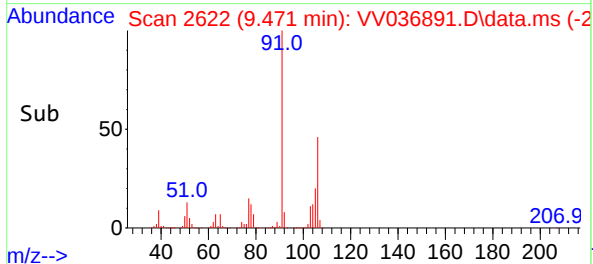
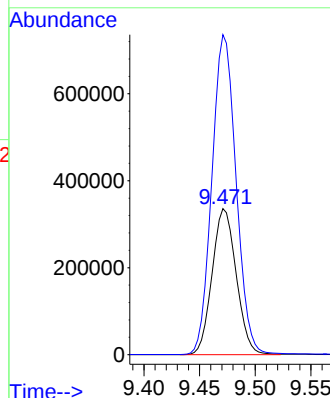
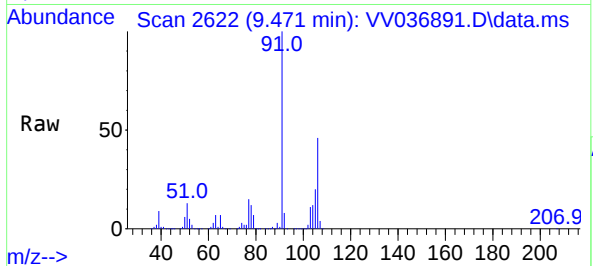




#54
o-Xylene
Concen: 50.400 ug/L
RT: 9.471 min Scan# 206
Delta R.T. -0.003 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

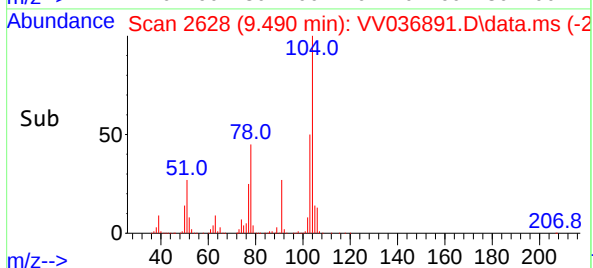
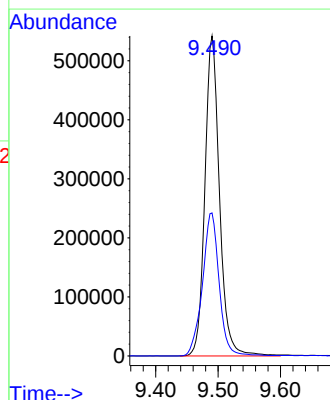
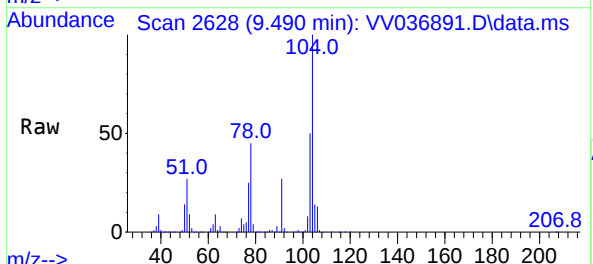
Instrument :
MSVOA_V
ClientSampleId :

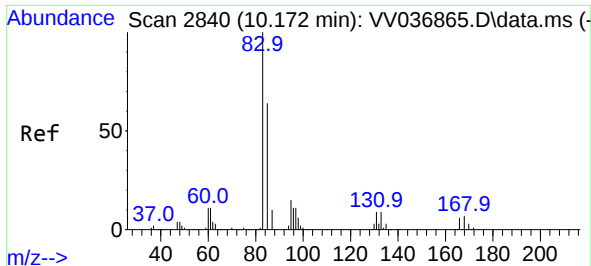
Tgt Ion:106 Resp: 505596
Ion Ratio Lower Upper
106 100
91 219.2 154.5 286.9



#55
Styrene
Concen: 51.406 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion:104 Resp: 883728
Ion Ratio Lower Upper
104 100
78 44.7 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 46.306 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV036891.D

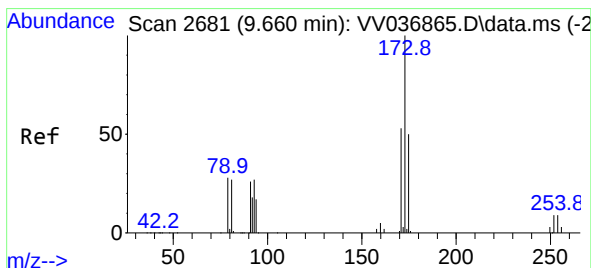
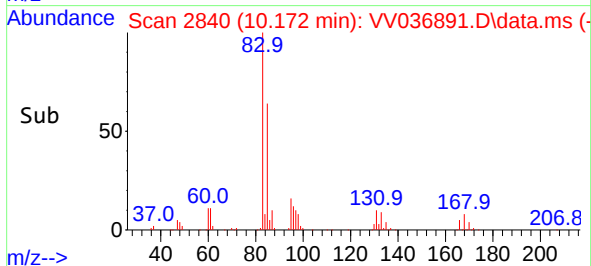
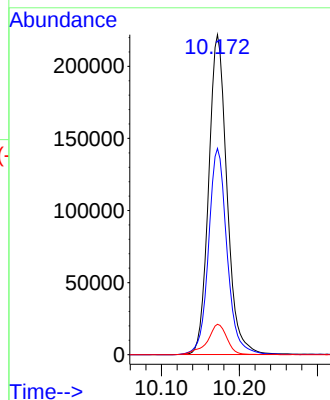
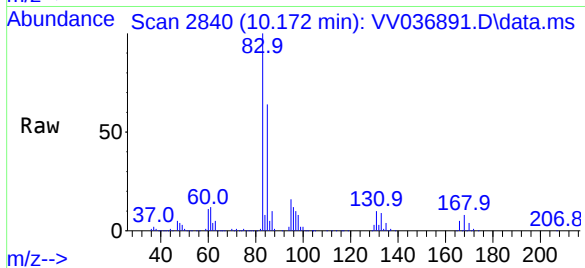
Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	361645
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.7	83.1
131	9.5	7.2	10.8



#59

Bromoform

Concen: 45.195 ug/L

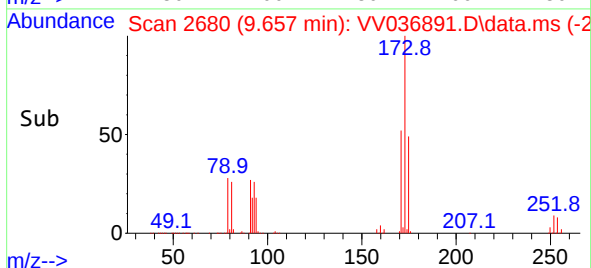
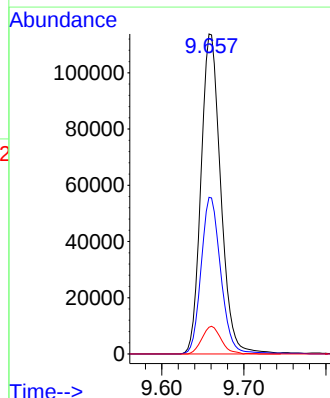
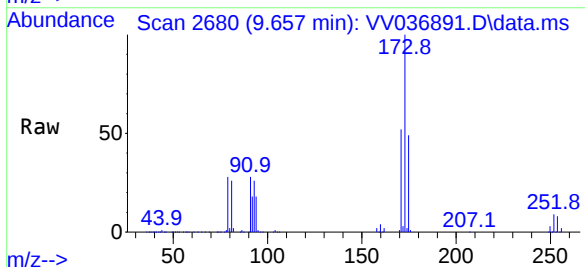
RT: 9.657 min Scan# 2680

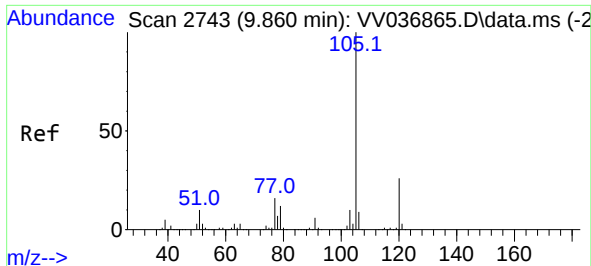
Delta R.T. -0.003 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

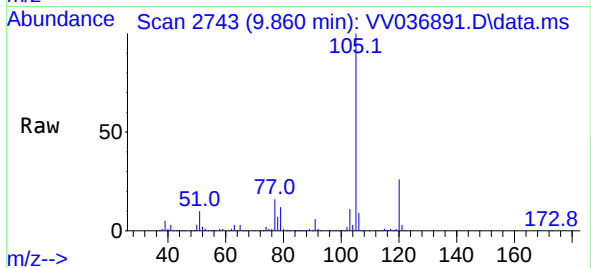
Tgt Ion:	173	Resp:	189737
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.8	59.8
254	8.4	6.8	10.2



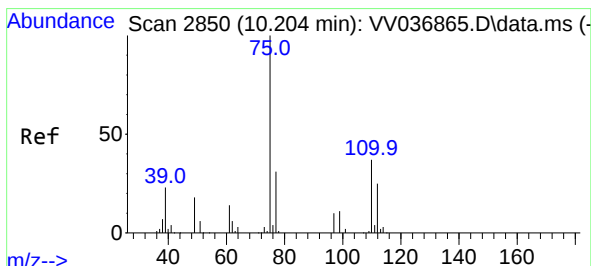
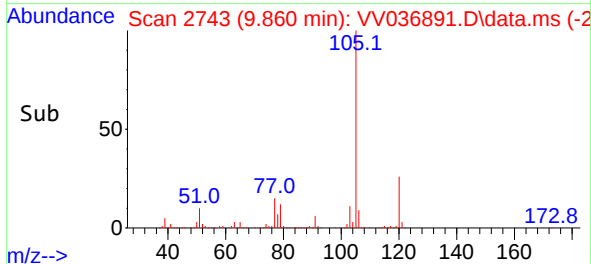
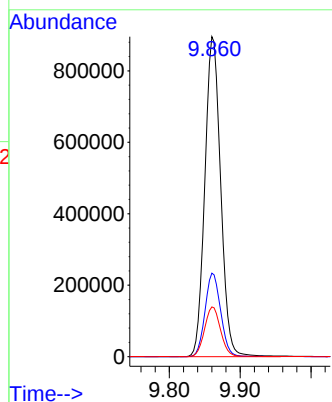


#60
Isopropylbenzene
Concen: 50.255 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

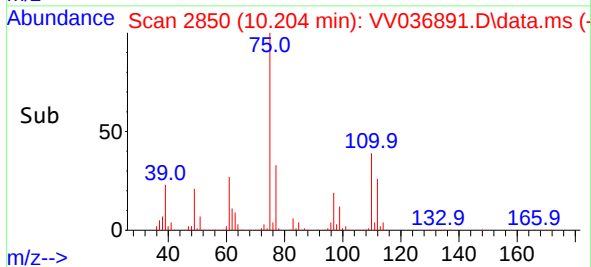
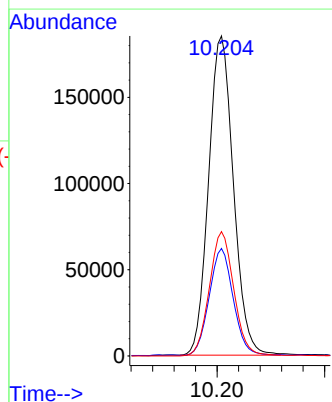
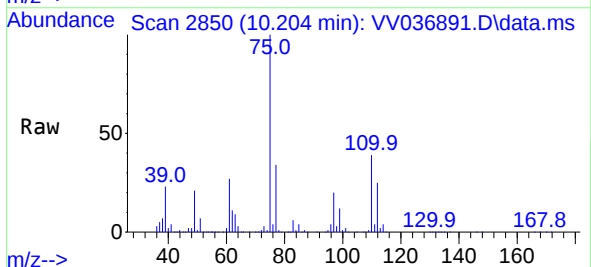


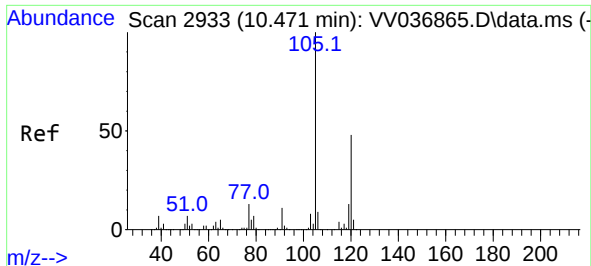
Tgt Ion:105 Resp: 1388415
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5
77 15.6 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 43.374 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion: 75 Resp: 296299
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 38.5 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 50.099 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

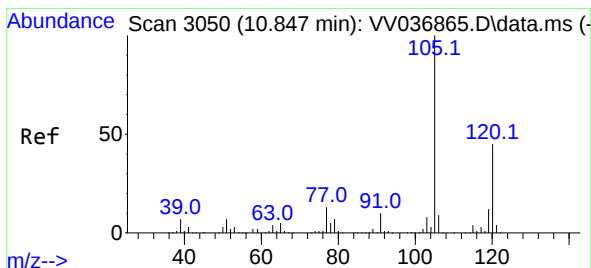
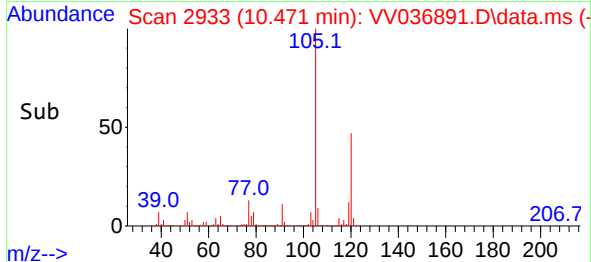
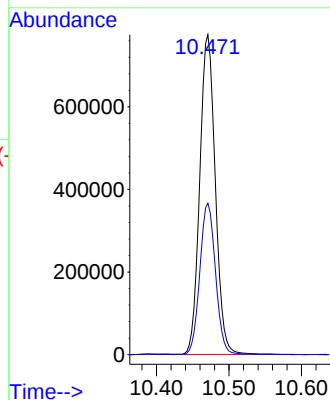
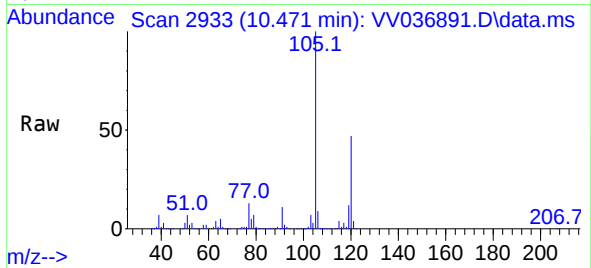
ClientSampleId :

Tgt Ion:105 Resp: 1152321

Ion Ratio Lower Upper

105 100

120 47.6 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 50.184 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV036891.D

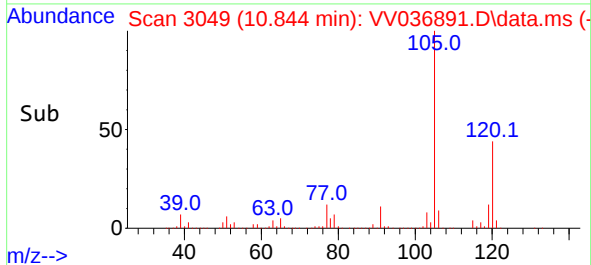
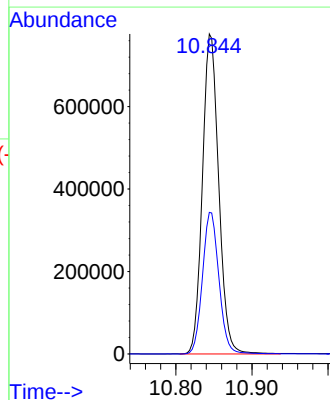
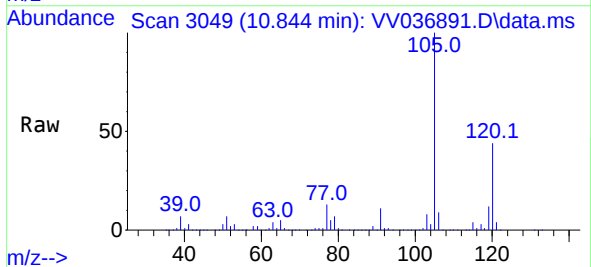
Acq: 12 Aug 2024 09:24

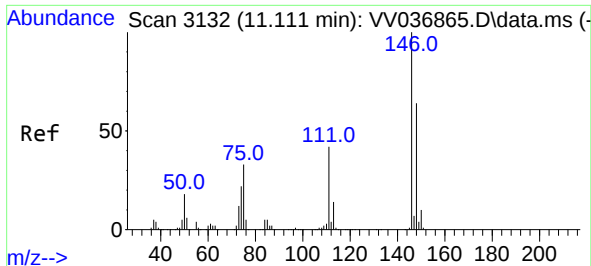
Tgt Ion:105 Resp: 1155467

Ion Ratio Lower Upper

105 100

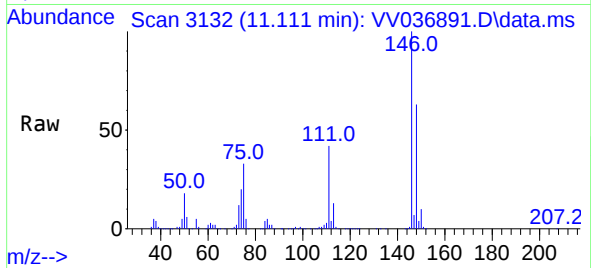
120 44.7 35.6 53.4



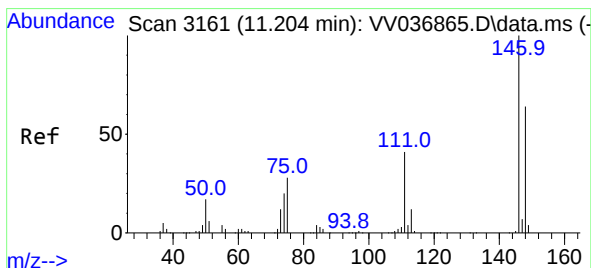
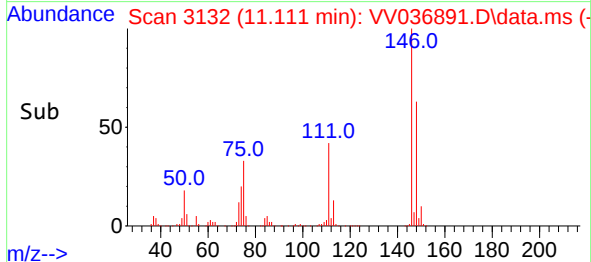
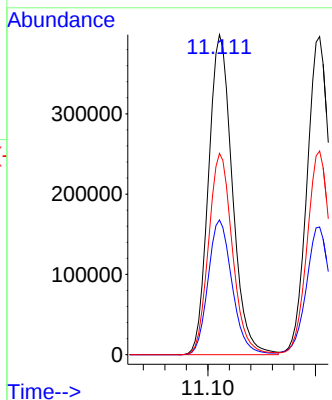


#64
1,3-Dichlorobenzene
Concen: 51.651 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

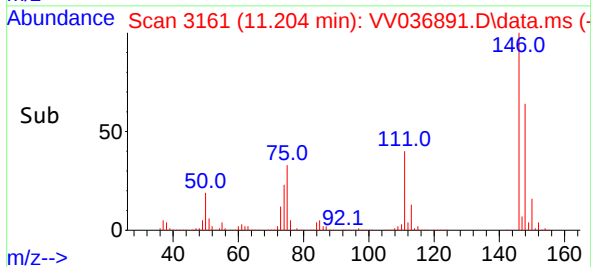
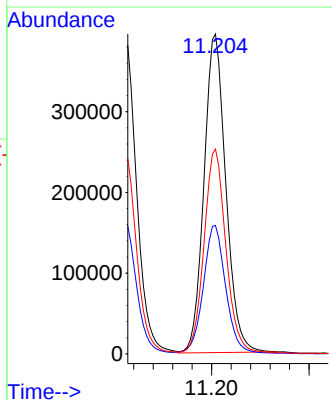
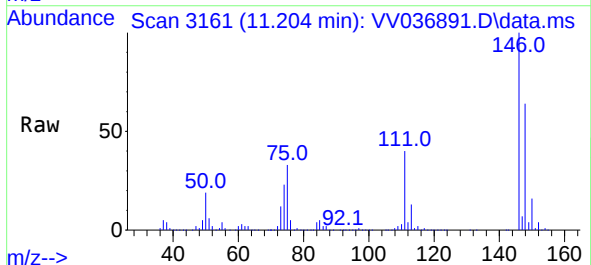


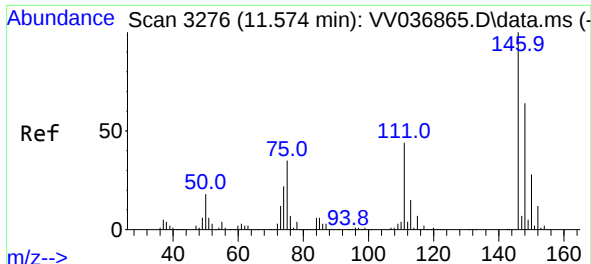
Tgt Ion:146 Resp: 613641
Ion Ratio Lower Upper
146 100
111 42.1 29.8 55.4
148 62.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 50.789 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

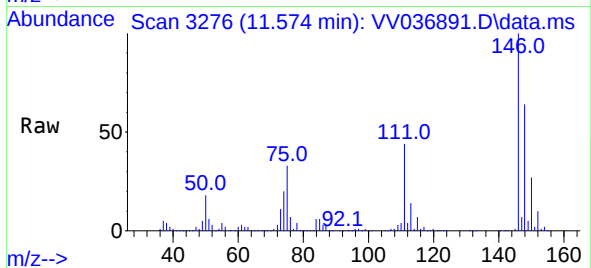
Tgt Ion:146 Resp: 613589
Ion Ratio Lower Upper
146 100
111 40.1 29.0 53.9
148 64.0 43.8 81.4



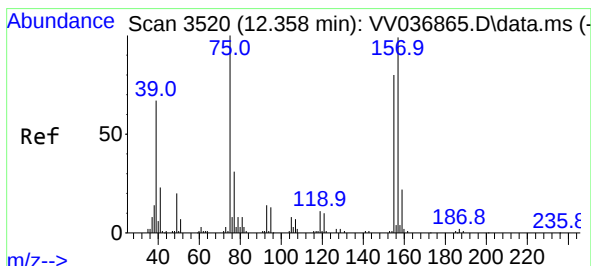
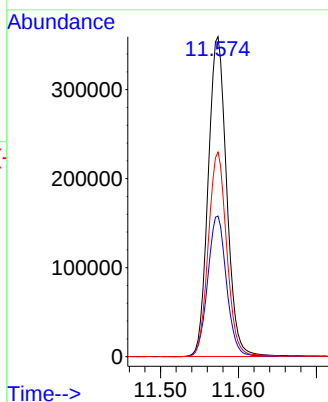
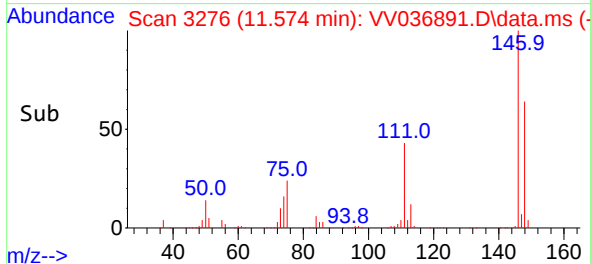


#67
1,2-Dichlorobenzene
Concen: 51.025 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

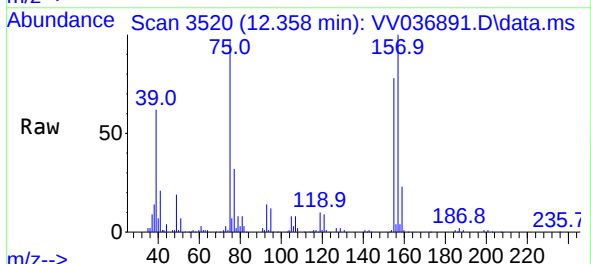
Instrument :
MSVOA_V
ClientSampleId :



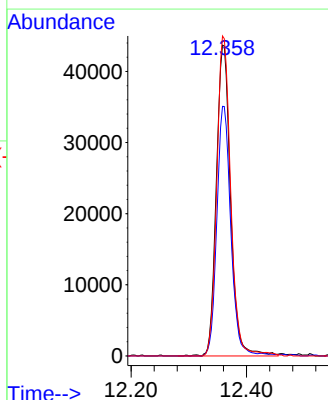
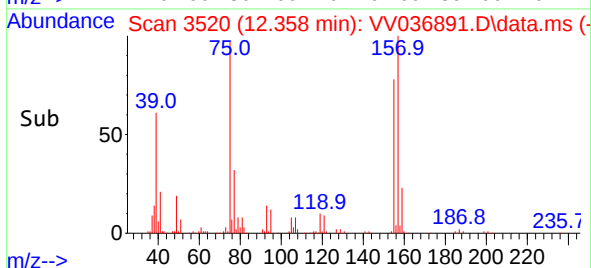
Tgt Ion:146 Resp: 592039
Ion Ratio Lower Upper
146 100
111 44.0 35.7 53.5
148 63.9 51.2 76.8

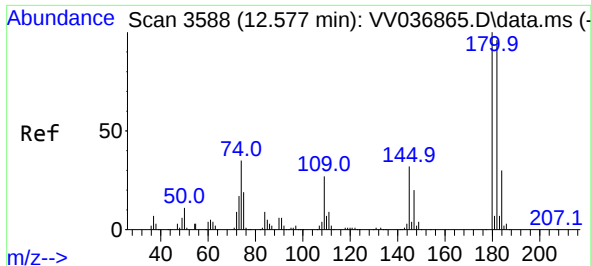


#68
1,2-Dibromo-3-chloropropane
Concen: 37.863 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24



Tgt Ion: 75 Resp: 74745
Ion Ratio Lower Upper
75 100
155 80.3 59.5 89.3
157 102.9 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 51.193 ug/L

RT: 12.577 min Scan# 3

Delta R.T. 0.000 min

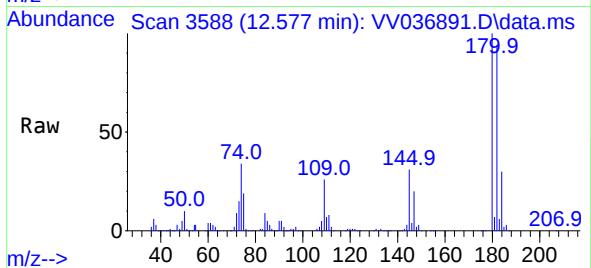
Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 431610

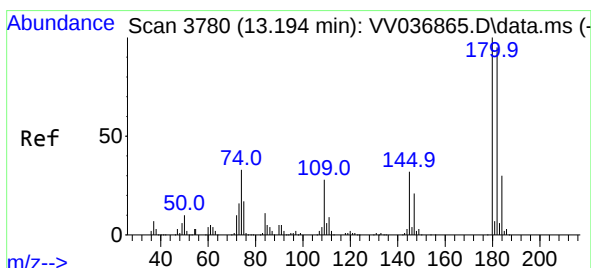
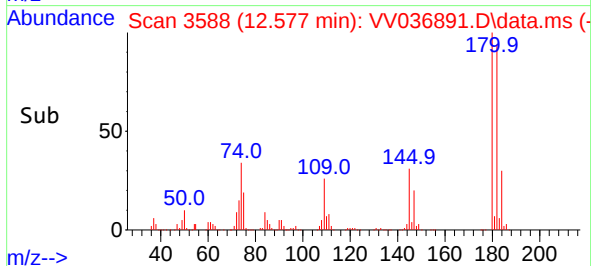
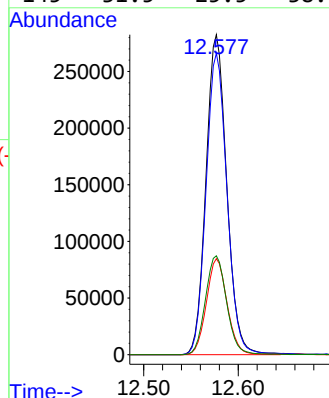
Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.6

184 29.9 23.7 35.5

145 31.5 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.377 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV036891.D

Acq: 12 Aug 2024 09:24

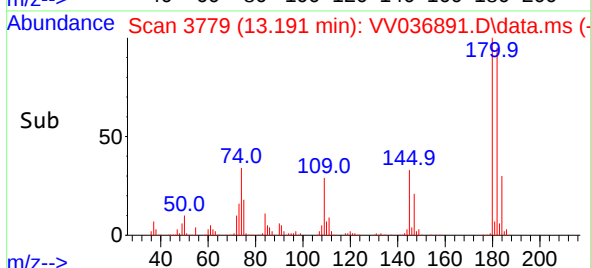
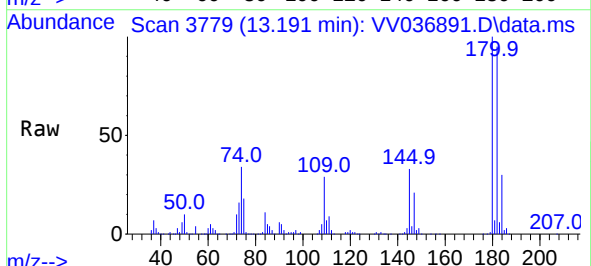
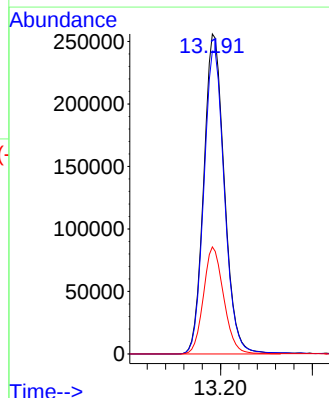
Tgt Ion:180 Resp: 399264

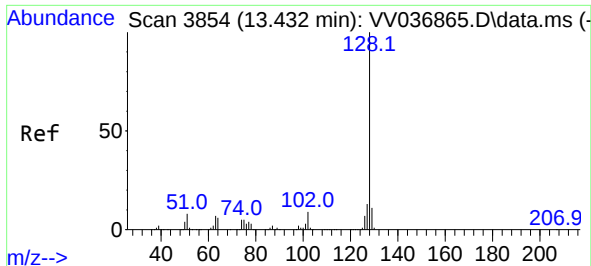
Ion Ratio Lower Upper

180 100

182 95.2 75.1 112.7

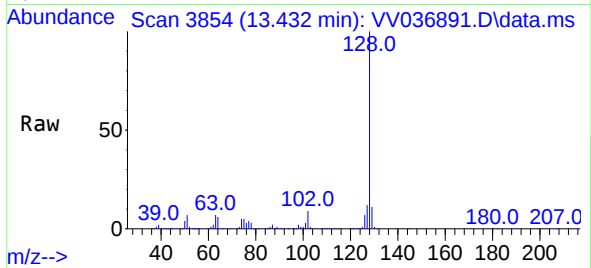
145 33.0 26.5 39.7



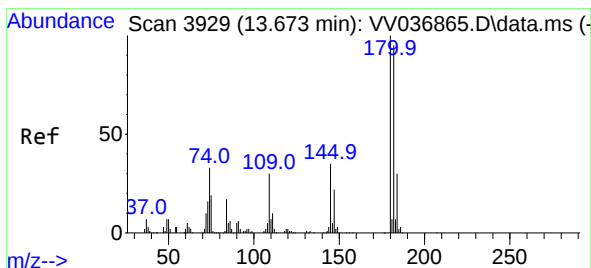
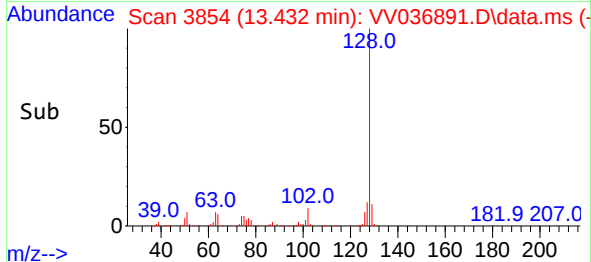
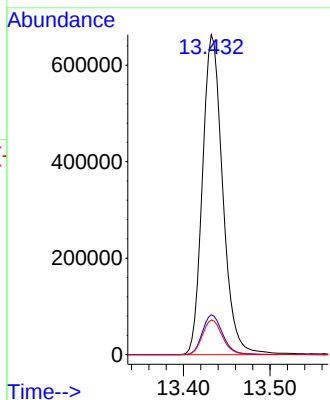


#71
Naphthalene
Concen: 41.553 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1077486
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.254 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV036891.D
Acq: 12 Aug 2024 09:24

Tgt Ion:180 Resp: 381938
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 34.6 27.8 41.6

