

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082024\
 Data File : VV036980.D
 Acq On : 20 Aug 2024 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 21 02:01:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 20 04:42:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	640778	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	615503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	319185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	221504	43.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.560%
7) Chloroethane-d5	1.532	69	191717	47.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.056	65	102286	46.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.440%
21) 2-Butanone-d5	3.989	46	272	0.100	ug/L	0.20
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.100%#
24) Chloroform-d	4.239	84	466624	50.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.620%
26) 1,2-Dichloroethane-d4	4.934	65	281948	47.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
32) Benzene-d6	4.950	84	893130	48.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	5.982	67	284376	47.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.840%
41) Toluene-d8	7.236	98	807991	47.381	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.760%
43) trans-1,3-Dichloroprop...	7.545	79	136076	43.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.200%
47) 2-Hexanone-d5	8.021	63	140938	81.728	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.730%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	319601	46.410	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.820%
66) 1,2-Dichlorobenzene-d4	11.554	152	302165	46.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	276059	54.031	ug/L	99
3) Chloromethane	1.217	50	275976	51.613	ug/L	100
5) Vinyl chloride	1.281	62	287932	52.437	ug/L	98
6) Bromomethane	1.487	94	182236	52.712	ug/L	98
8) Chloroethane	1.548	64	182020	53.515	ug/L	99
9) Trichlorofluoromethane	1.712	101	397044	55.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	243400	57.431	ug/L	99
12) 1,1-Dichloroethene	2.069	96	217905	53.834	ug/L	95
13) Acetone	2.111	43	230744	101.704	ug/L	99
14) Carbon disulfide	2.236	76	593073	46.644	ug/L	98
15) Methyl Acetate	2.368	43	210870	45.118	ug/L	97
16) Methylene chloride	2.442	84	249338	54.793	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	225986	53.899	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	741897	50.241	ug/L	100
19) 1,1-Dichloroethane	3.101	63	470318	55.522	ug/L	98
20) cis-1,2-Dichloroethene	3.805	96	263214	53.487	ug/L	96
22) 2-Butanone	3.870	43	256454	84.378	ug/L	100
23) Bromochloromethane	4.137	128	130789	54.712	ug/L	97
25) Chloroform	4.265	83	473454	54.418	ug/L	99

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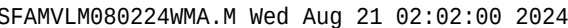
Instrument :
 MSVOA_V
 ClientSampleId :

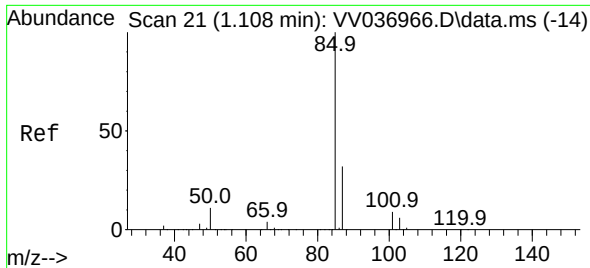
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 20 04:42:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	350778	51.113	ug/L	99
29) Cyclohexane	4.567	56	387317	49.388	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	397495	51.259	ug/L	99
31) Carbon tetrachloride	4.725	117	334984	51.437	ug/L	99
33) Benzene	4.998	78	979702	53.217	ug/L	100
34) Trichloroethene	5.825	95	270709	50.738	ug/L	97
35) Methylcyclohexane	6.040	83	411046	50.206	ug/L	99
37) 1,2-Dichloropropane	6.085	63	259021	53.112	ug/L	99
38) Bromodichloromethane	6.426	83	350541	52.196	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	438813	52.538	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	501785	83.059	ug/L	98
42) Toluene	7.307	91	1038214	52.946	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	381245	48.984	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	244784	51.829	ug/L	100
46) Tetrachloroethene	7.899	164	186245	53.218	ug/L	100
48) 2-Hexanone	8.072	43	374714	84.311	ug/L	99
49) Dibromochloromethane	8.169	129	248152	51.130	ug/L	100
50) 1,2-Dibromoethane	8.275	107	246176	50.238	ug/L	98
51) Chlorobenzene	8.805	112	673847	53.558	ug/L	99
52) Ethylbenzene	8.937	91	1180441	52.723	ug/L	99
53) m,p-Xylene	9.066	106	435447	52.030	ug/L	97
54) o-Xylene	9.471	106	428614	52.362	ug/L	99
55) Styrene	9.490	104	759295	54.129	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	328750	51.587	ug/L	99
59) Bromoform	9.657	173	159664	45.217	ug/L	99
60) Isopropylbenzene	9.860	105	1184632	50.980	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	258477	44.985	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	967298	50.000	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	972240	50.203	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	528785	52.917	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	542792	53.416	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	519949	53.277	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	62547	37.669	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	372435	52.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	347572	51.104	ug/L	99
71) Naphthalene	13.432	128	955149	43.794	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	339298	50.965	ug/L	100

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

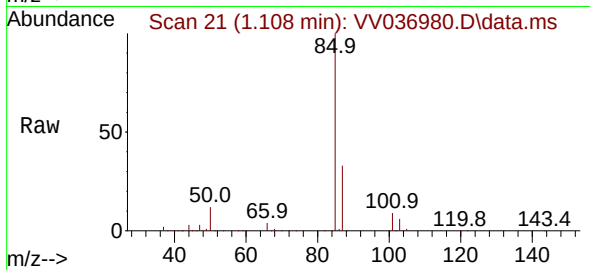
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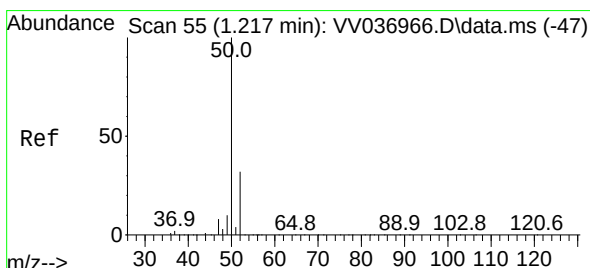
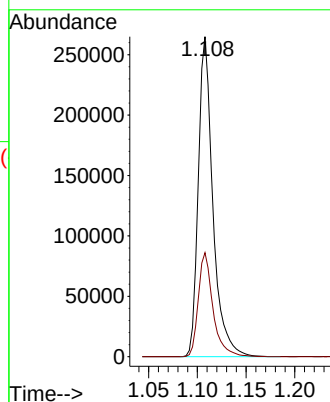
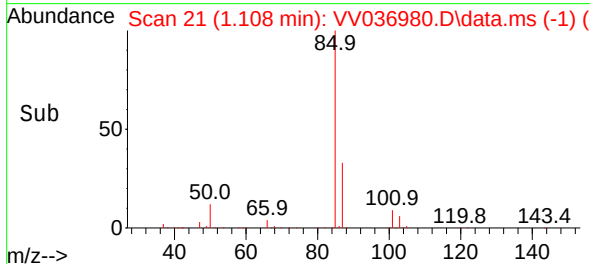


#2
 Dichlorodifluoromethane
 Concen: 54.031 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

Instrument :
 MSVOA_V
 ClientSampleId :

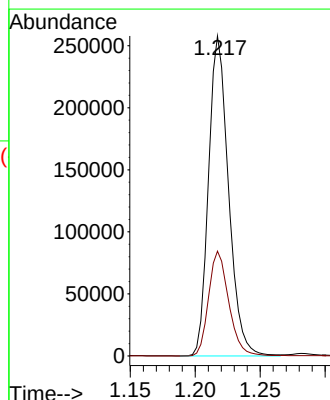
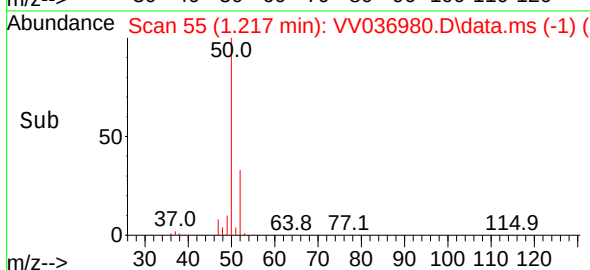
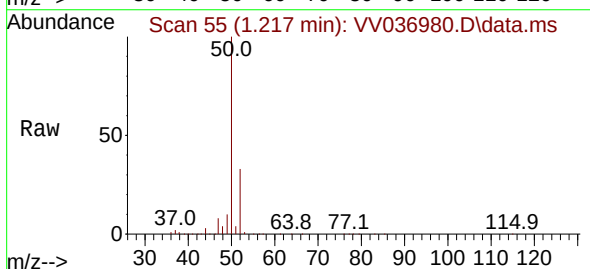


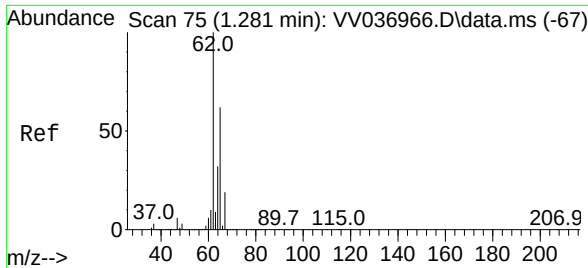
Tgt Ion: 85 Resp: 276059
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 51.613 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

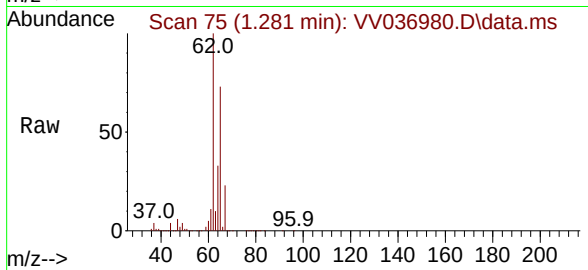
Tgt Ion: 50 Resp: 275976
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8



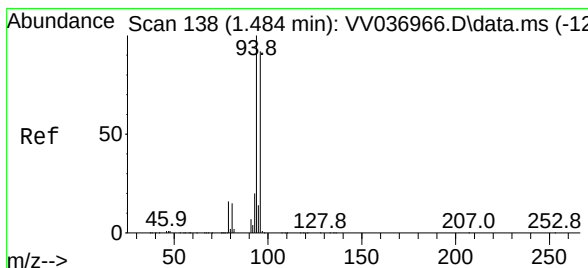
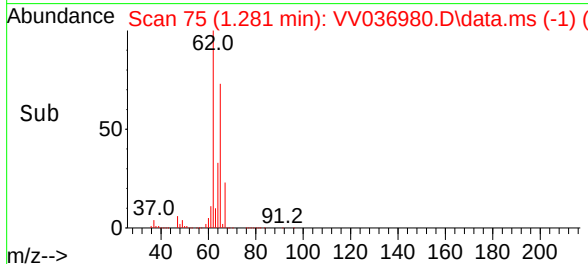
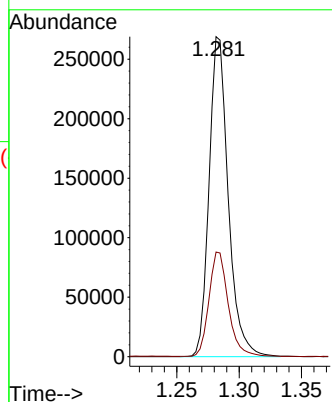


#5
 Vinyl chloride
 Concen: 52.437 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

Instrument :
 MSVOA_V
 ClientSampleId :

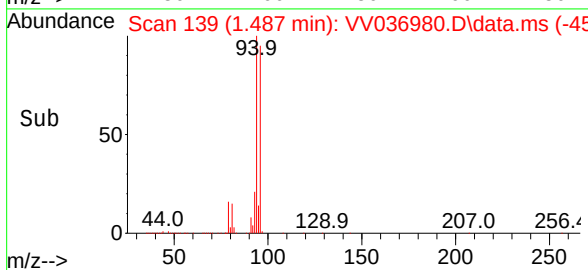
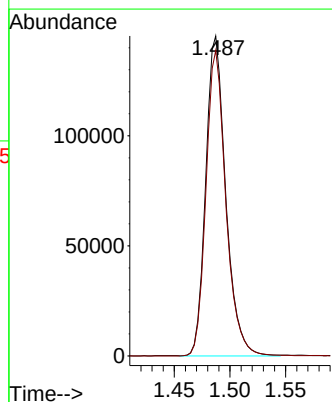
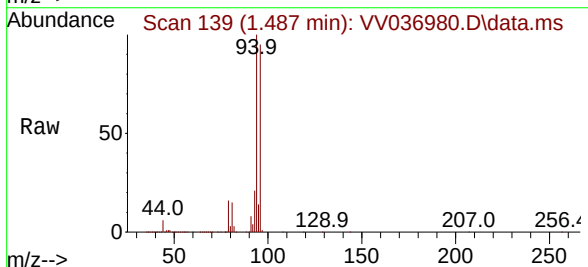


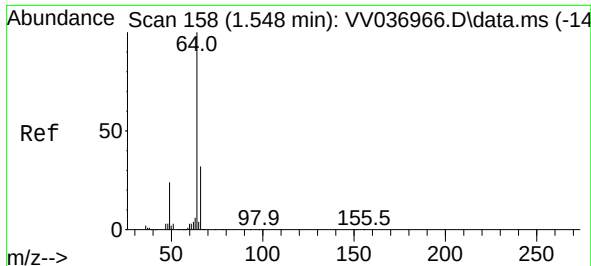
Tgt Ion: 62 Resp: 287932
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.6 43.8



#6
 Bromomethane
 Concen: 52.712 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

Tgt Ion: 94 Resp: 182236
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.5 121.7

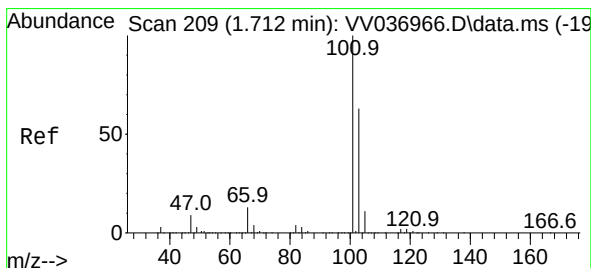
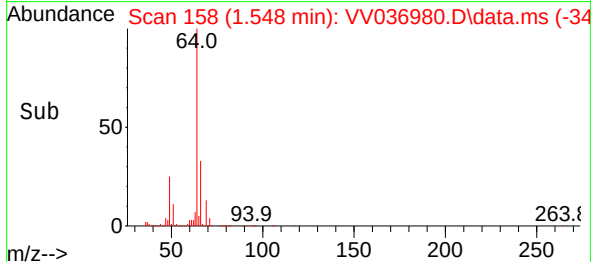
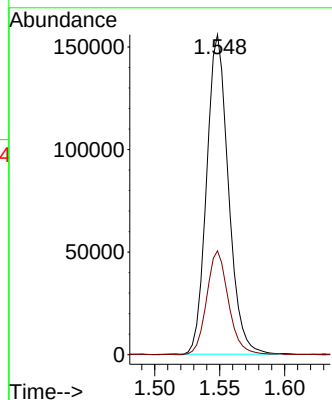
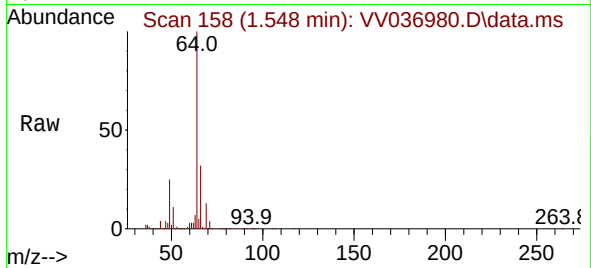




#8
Chloroethane
Concen: 53.515 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

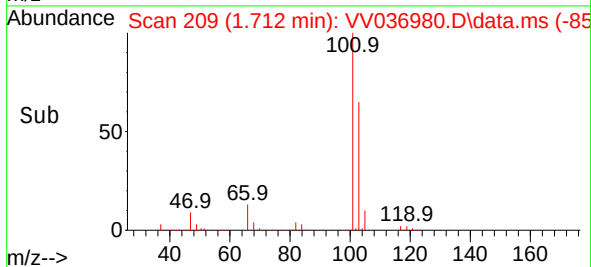
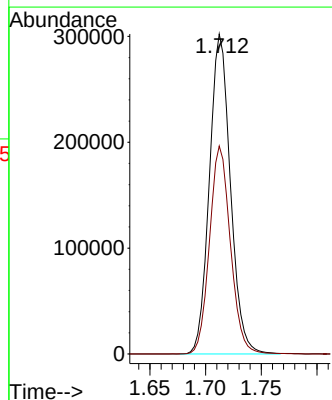
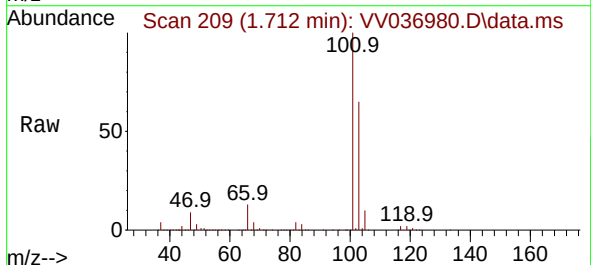
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MSVOA_V
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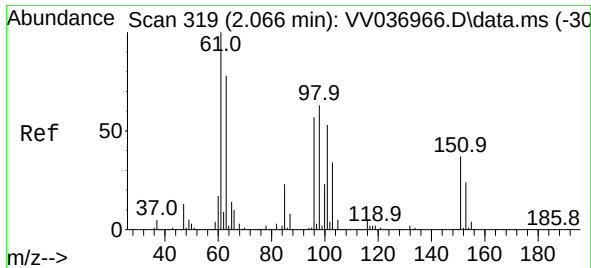
Tgt Ion: 64 Resp: 182020
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.0



#9
Trichlorofluoromethane
Concen: 55.203 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion:101 Resp: 397044
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

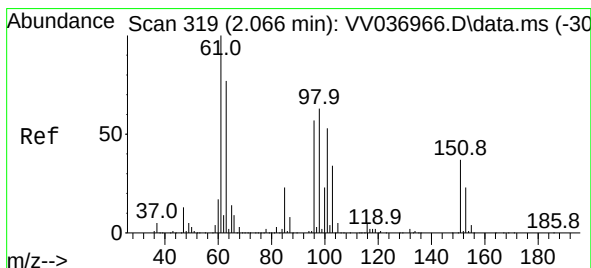
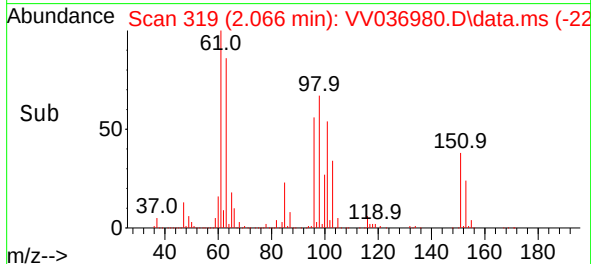
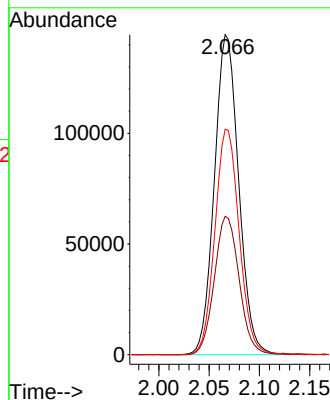
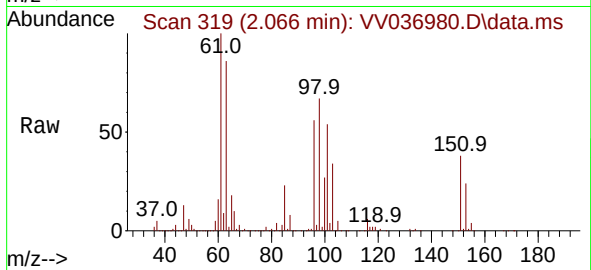




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.431 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

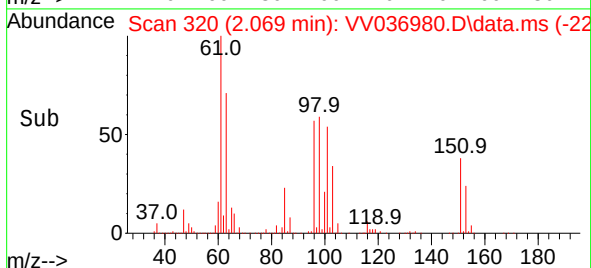
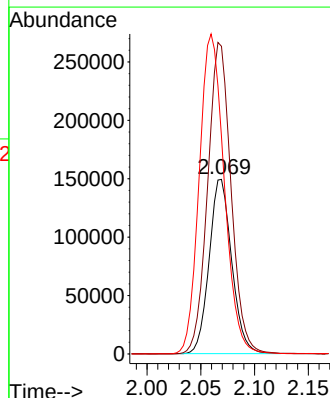
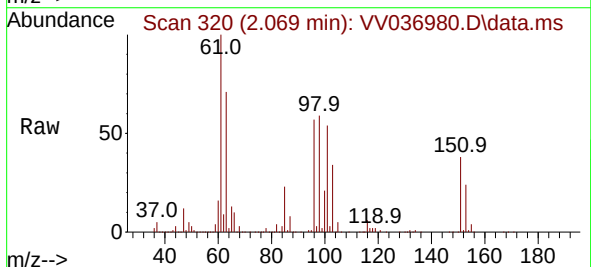
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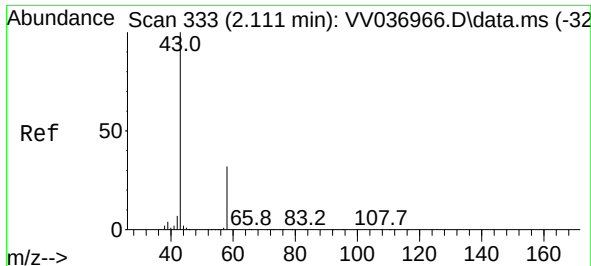
Tgt Ion:101 Resp: 243400
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.6 51.8
 151 70.5 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 53.834 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

Tgt Ion: 96 Resp: 217905
 Ion Ratio Lower Upper
 96 100
 61 176.2 125.6 233.2
 63 124.4 95.1 176.7





#13

Acetone

Concen: 101.704 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

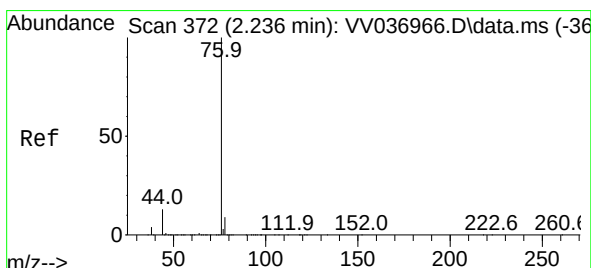
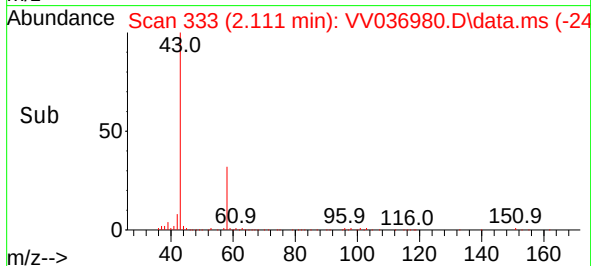
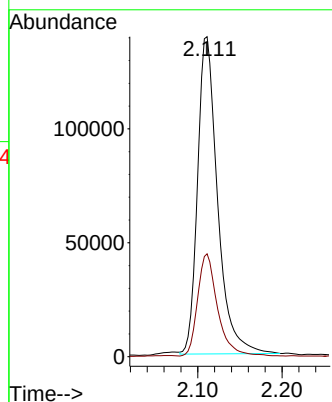
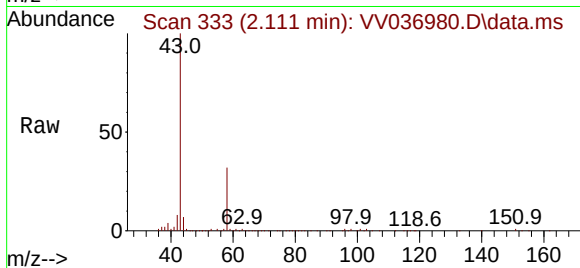
ClientSampleId :

Tgt Ion: 43 Resp: 230744

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.4



#14

Carbon disulfide

Concen: 46.644 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV036980.D

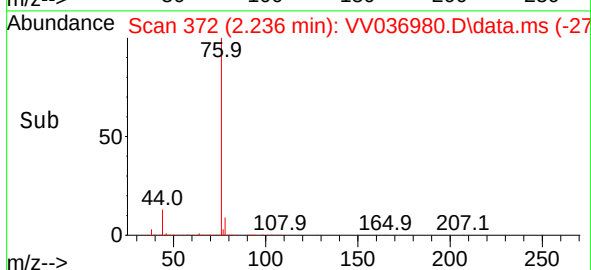
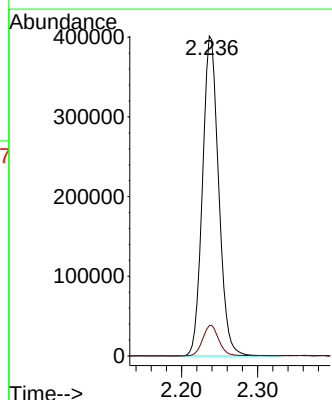
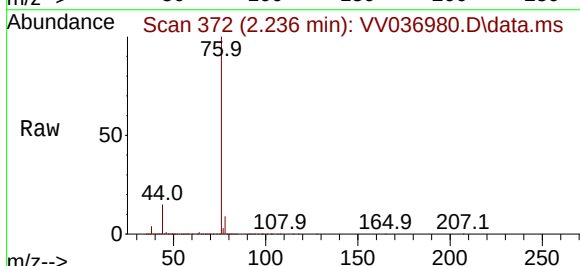
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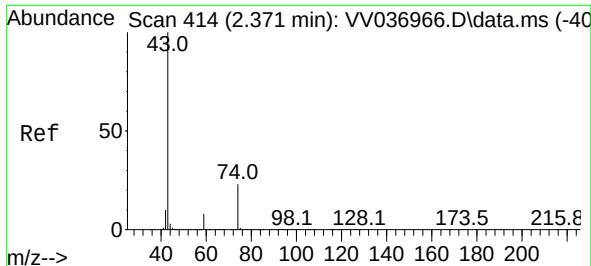
Tgt Ion: 76 Resp: 593073

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

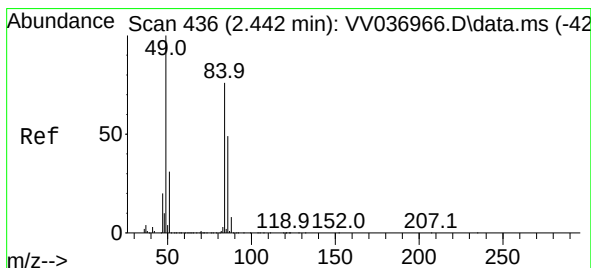
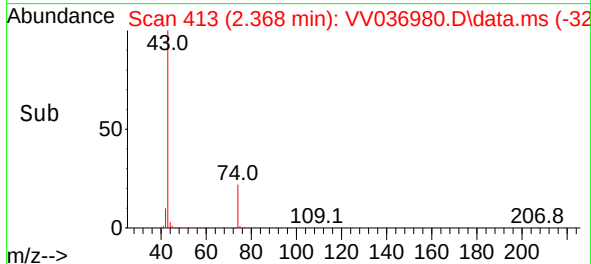
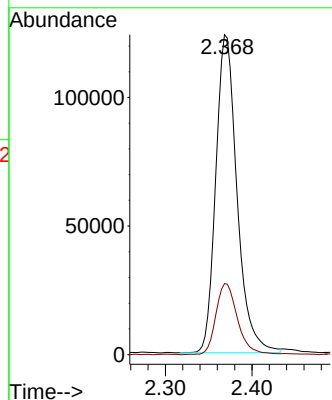
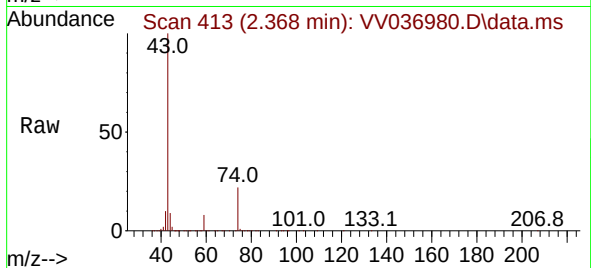




#15
Methyl Acetate
Concen: 45.118 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

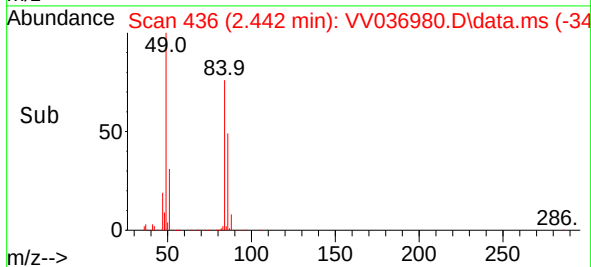
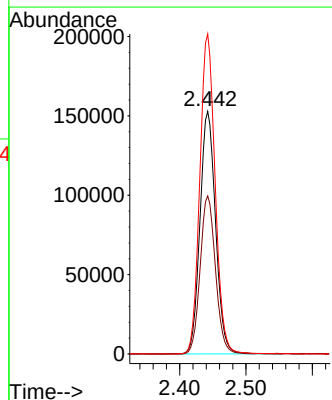
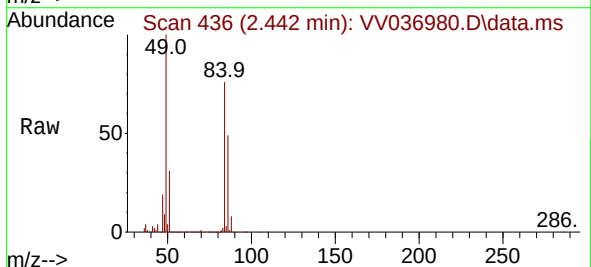
Instrument :
MSVOA_V
ClientSampleId :

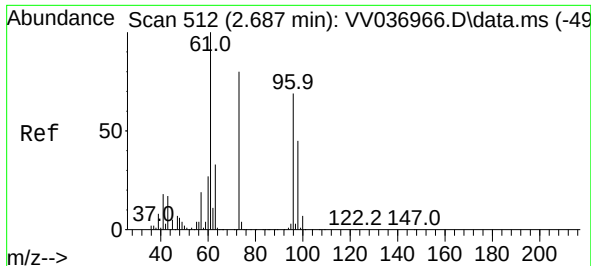
Tgt Ion: 43 Resp: 210870
Ion Ratio Lower Upper
43 100
74 22.3 19.0 28.4



#16
Methylene chloride
Concen: 54.793 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion: 84 Resp: 249338
Ion Ratio Lower Upper
84 100
86 65.2 44.3 82.3
49 131.9 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 53.899 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

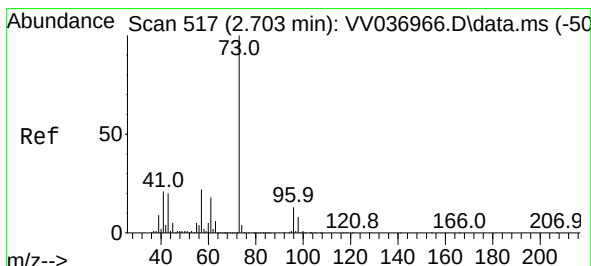
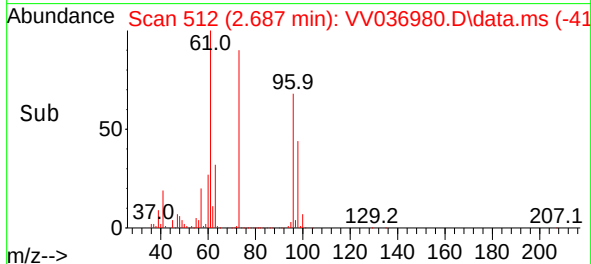
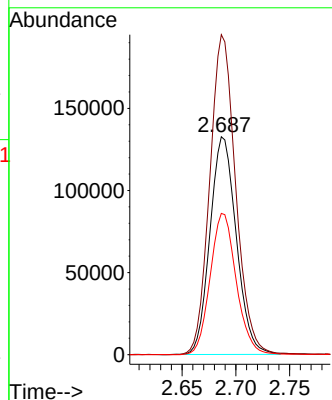
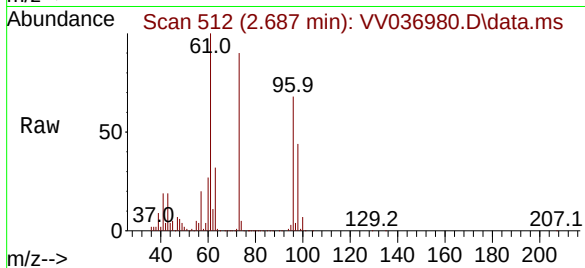
Tgt Ion: 96 Resp: 225986

Ion Ratio Lower Upper

96 100

61 146.9 100.0 185.8

98 64.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 50.241 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

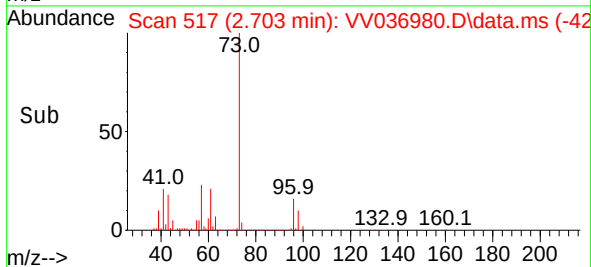
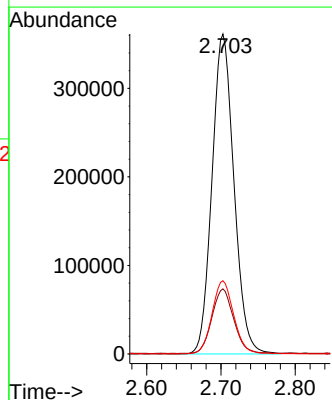
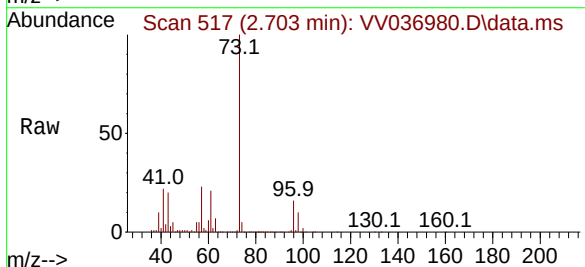
Tgt Ion: 73 Resp: 741897

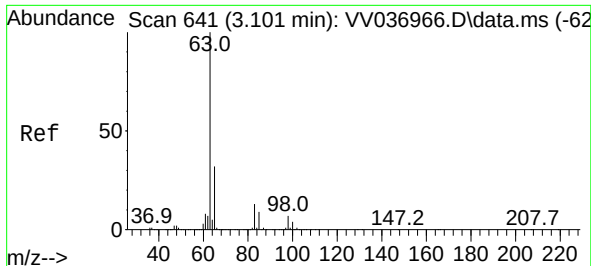
Ion Ratio Lower Upper

73 100

43 20.0 16.1 24.1

57 22.4 17.9 26.9

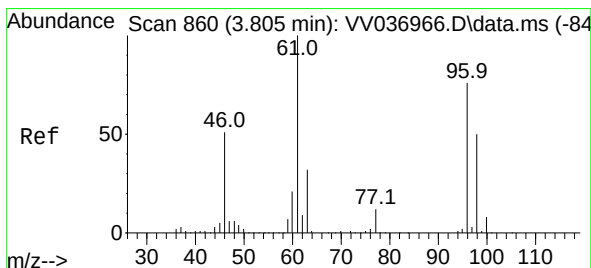
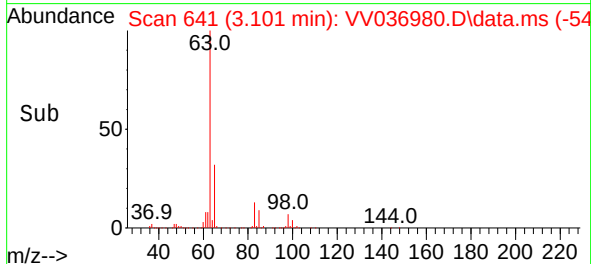
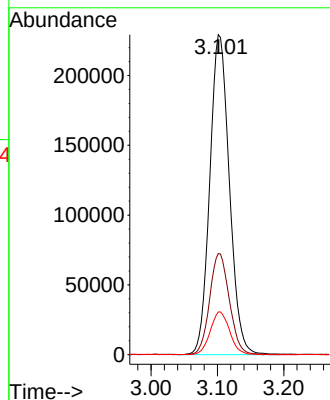
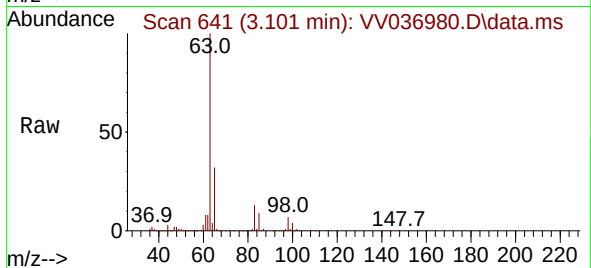




#19
1,1-Dichloroethane
Concen: 55.522 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

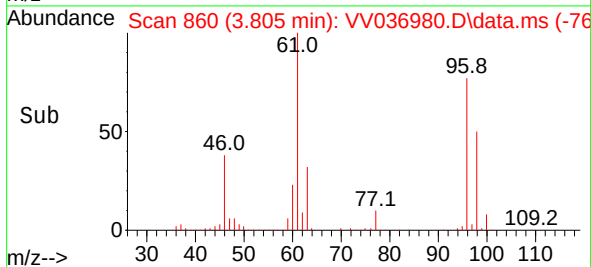
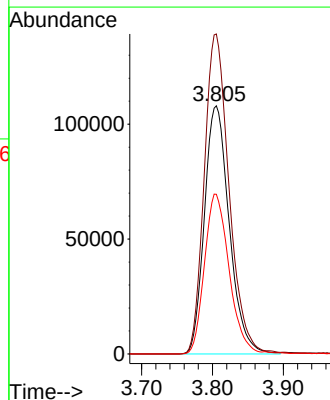
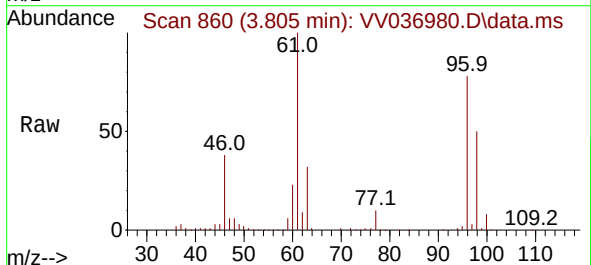
Instrument :
MSVOA_V
ClientSampleId :

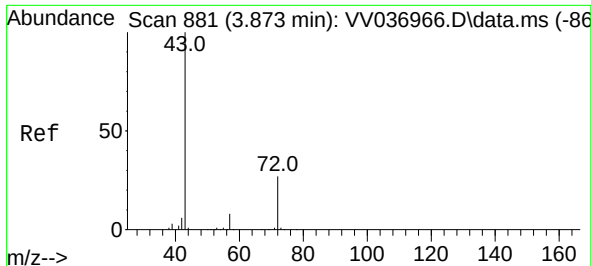
Tgt Ion: 63 Resp: 470318
Ion Ratio Lower Upper
63 100
65 31.6 23.2 43.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 53.487 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion: 96 Resp: 263214
Ion Ratio Lower Upper
96 100
61 128.9 93.9 174.5
98 64.4 46.0 85.4

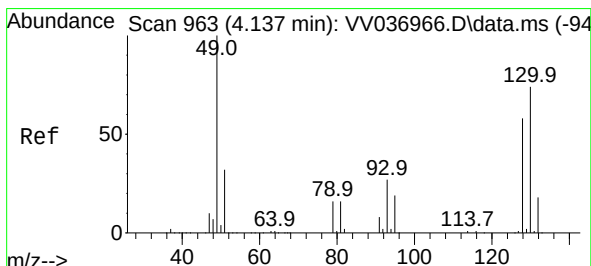
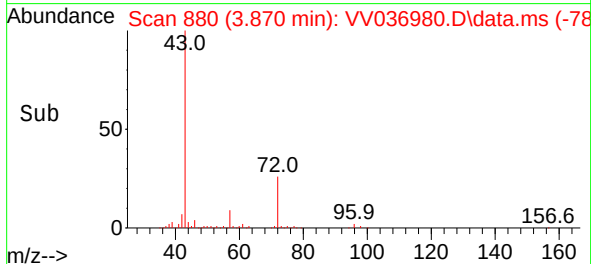
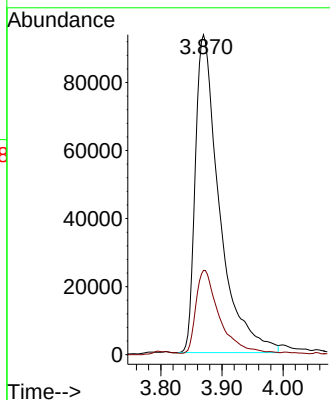
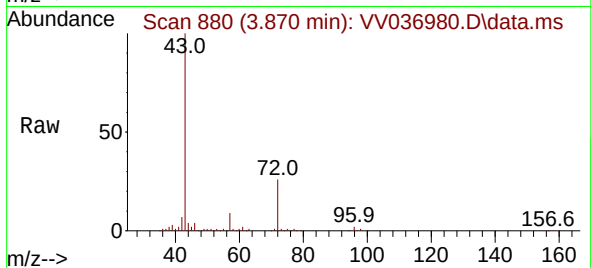




#22
2-Butanone
Concen: 84.378 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

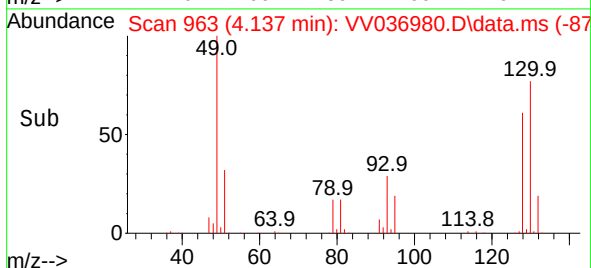
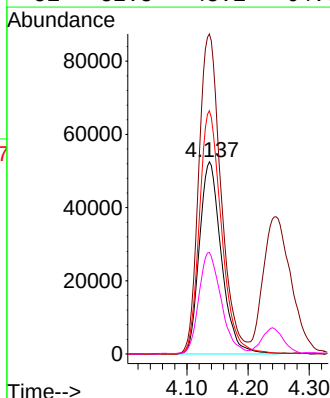
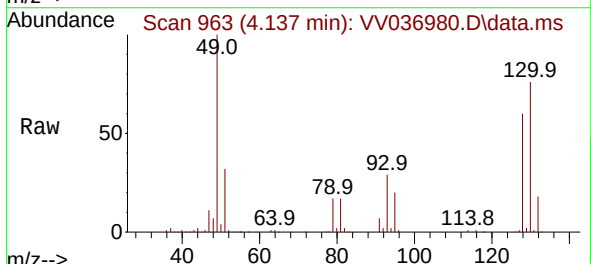
Instrument :
MSVOA_V
ClientSampleId :

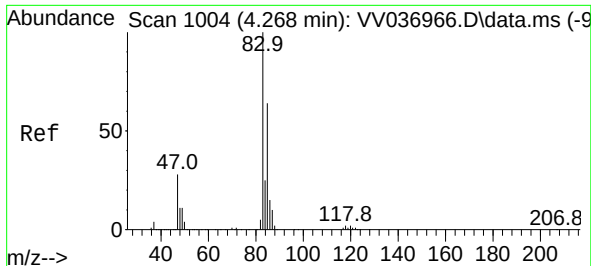
Tgt Ion: 43 Resp: 256454
Ion Ratio Lower Upper
43 100
72 25.0 12.5 37.5



#23
Bromochloromethane
Concen: 54.712 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion:128 Resp: 130789
Ion Ratio Lower Upper
128 100
49 166.5 120.0 223.0
130 126.6 87.0 161.6
51 52.8 43.1 64.7





#25

Chloroform

Concen: 54.418 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

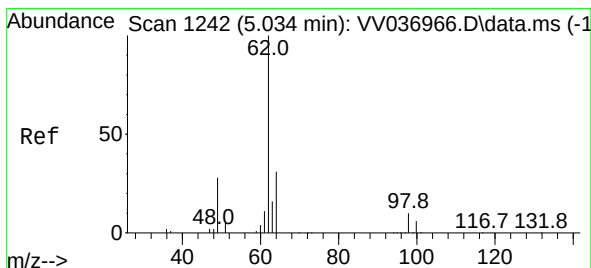
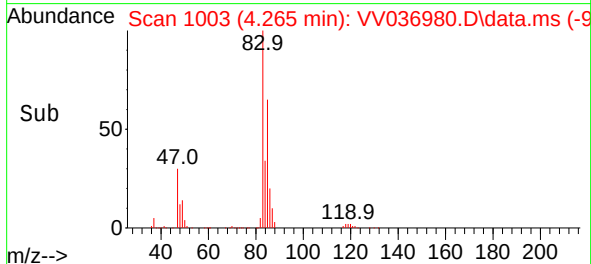
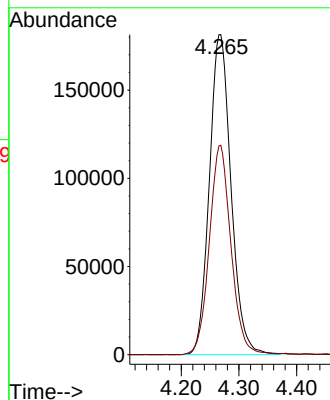
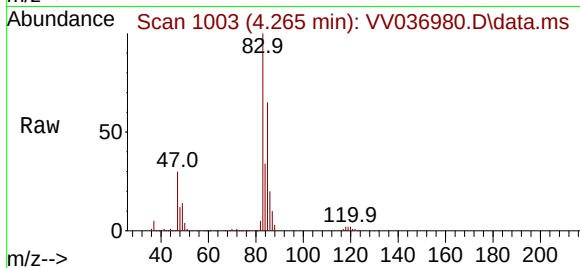
ClientSampleId :

Tgt Ion: 83 Resp: 473454

Ion Ratio Lower Upper

83 100

85 65.2 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.113 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV036980.D

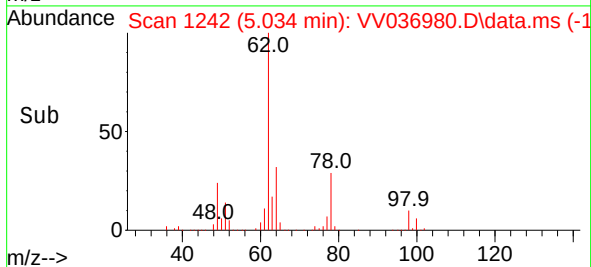
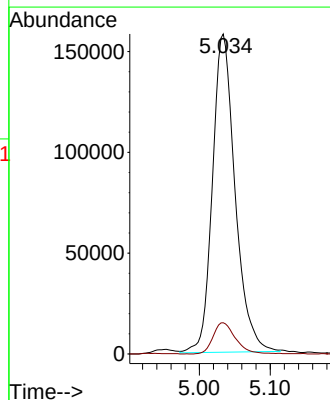
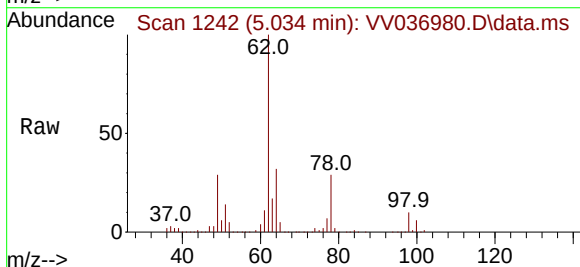
Acq: 20 Aug 2024 09:37

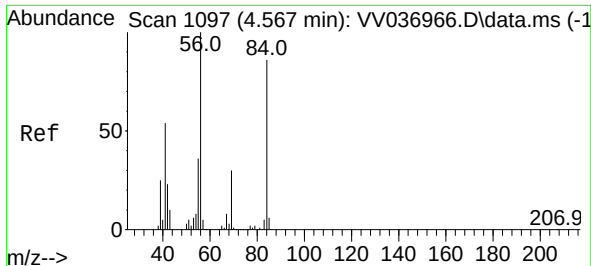
Tgt Ion: 62 Resp: 350778

Ion Ratio Lower Upper

62 100

98 9.7 7.5 11.3





#29

Cyclohexane

Concen: 49.388 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

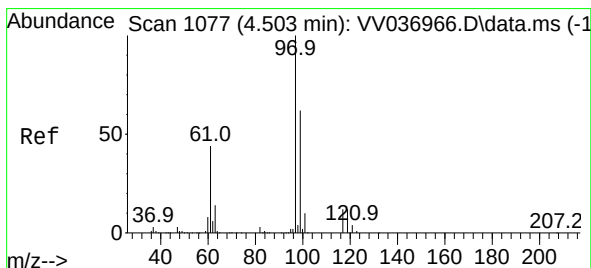
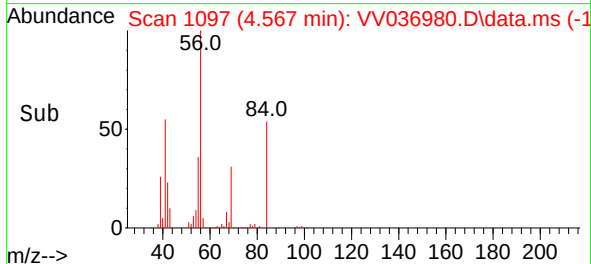
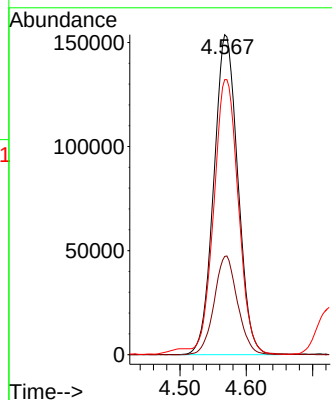
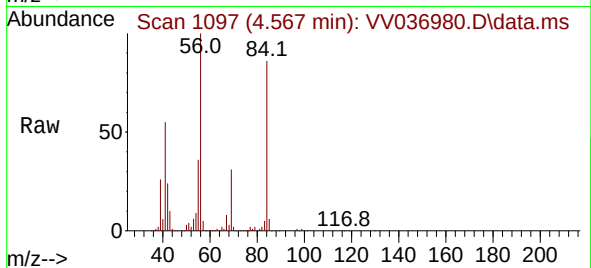
Tgt Ion: 56 Resp: 387317

Ion Ratio Lower Upper

56 100

69 30.0 24.7 37.1

84 87.7 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 51.259 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

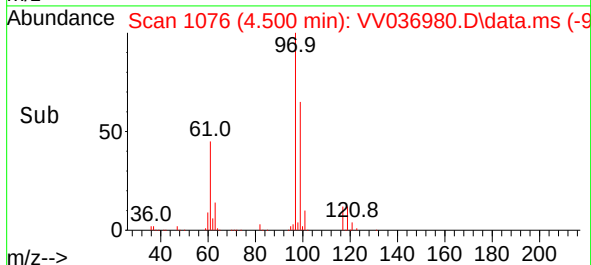
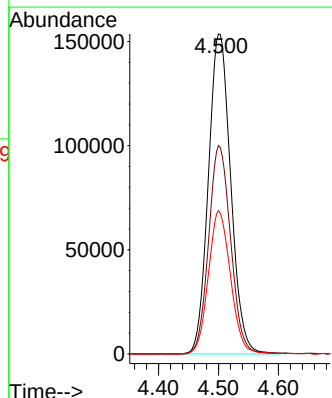
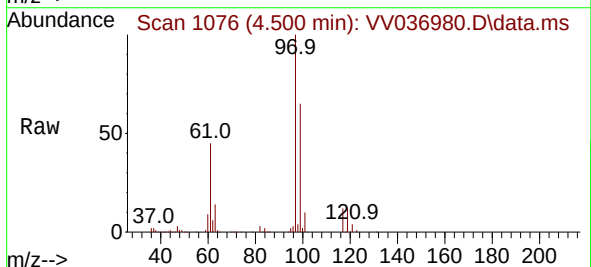
Tgt Ion: 97 Resp: 397495

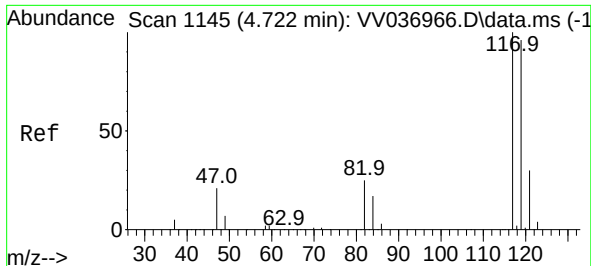
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 44.2 36.0 54.0

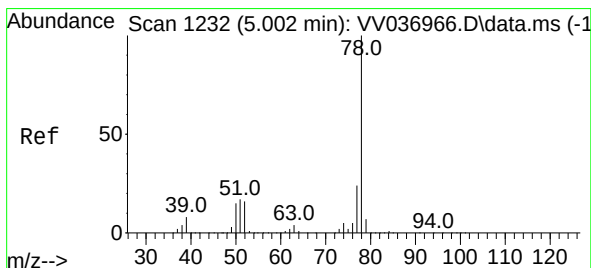
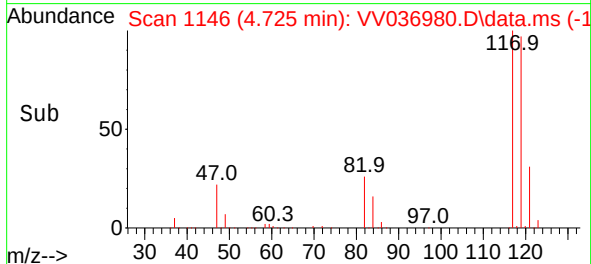
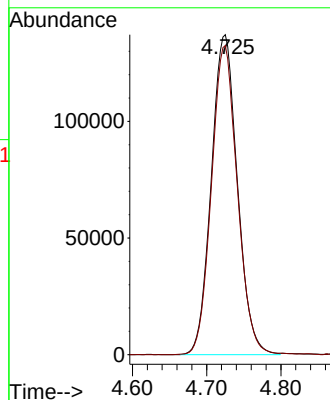
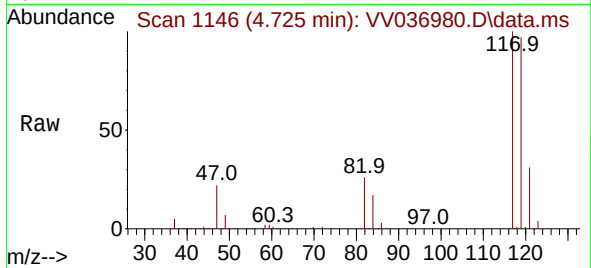




#31
Carbon tetrachloride
Concen: 51.437 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

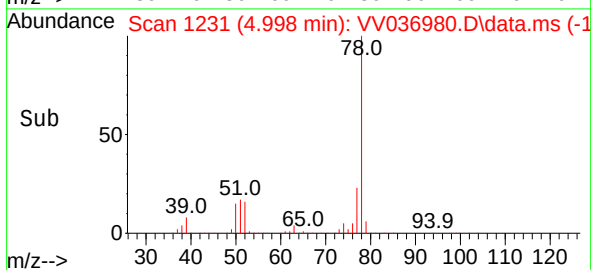
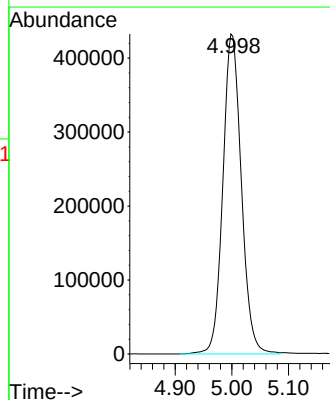
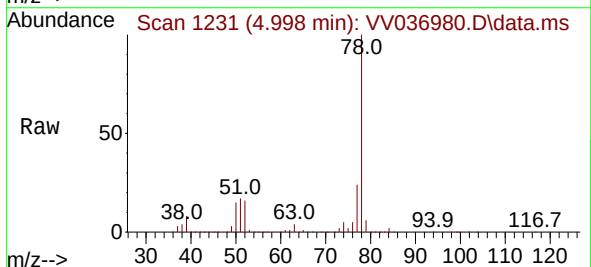
Instrument :
MSVOA_V
ClientSampleId :

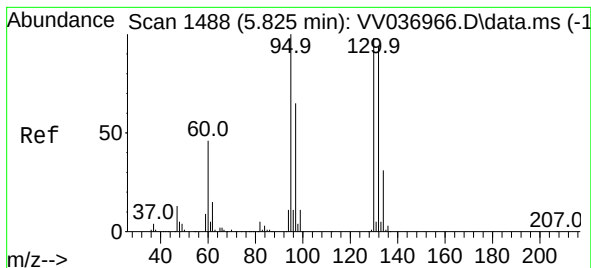
Tgt Ion:117 Resp: 334984
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1



#33
Benzene
Concen: 53.217 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion: 78 Resp: 979702





#34

Trichloroethene

Concen: 50.738 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

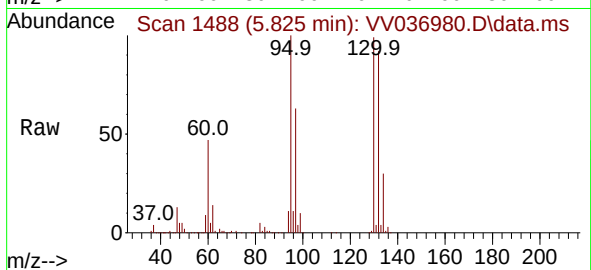
Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 270709

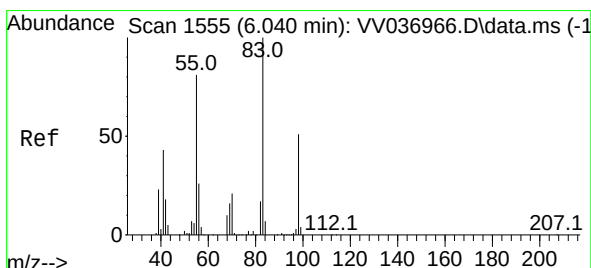
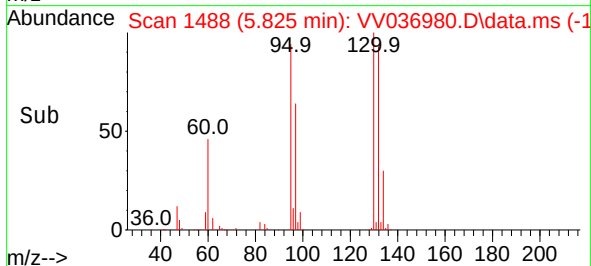
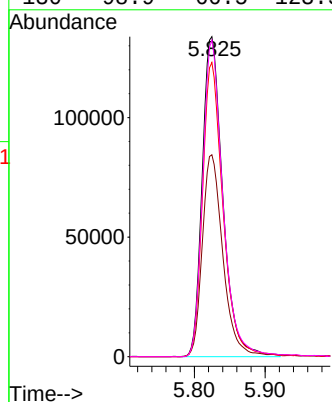
Ion Ratio Lower Upper

95 100

97 63.1 44.7 82.9

132 92.0 62.9 116.9

130 98.9 66.5 123.5



#35

Methylcyclohexane

Concen: 50.206 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

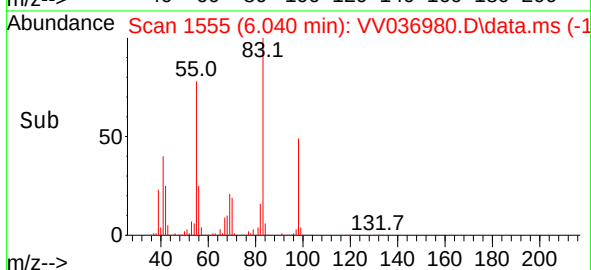
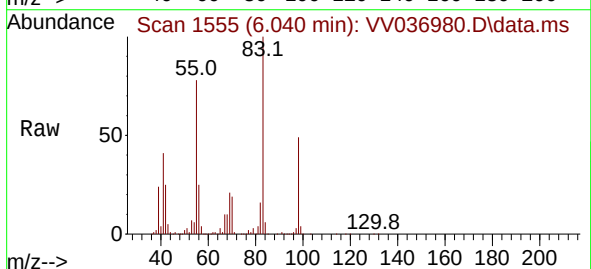
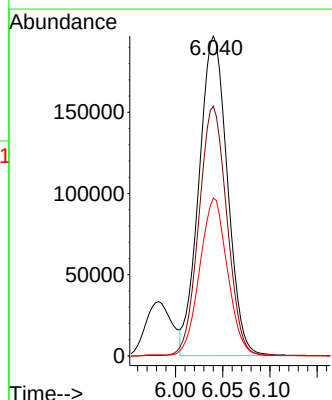
Tgt Ion: 83 Resp: 411046

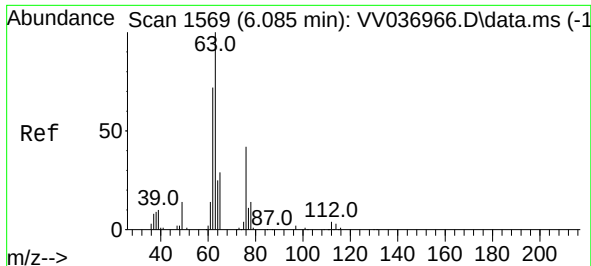
Ion Ratio Lower Upper

83 100

55 76.7 62.3 93.5

98 48.4 38.7 58.1

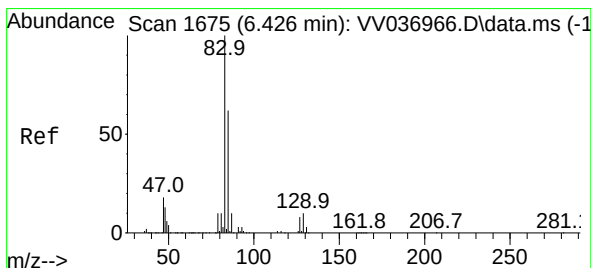
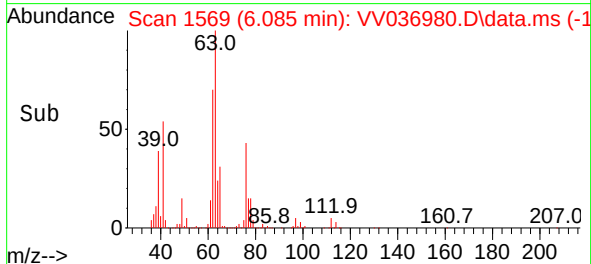
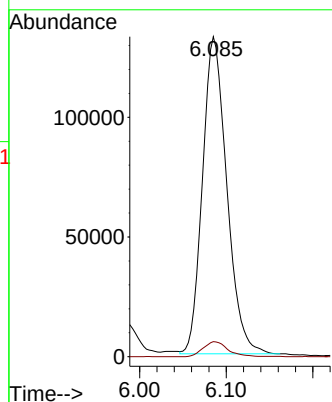
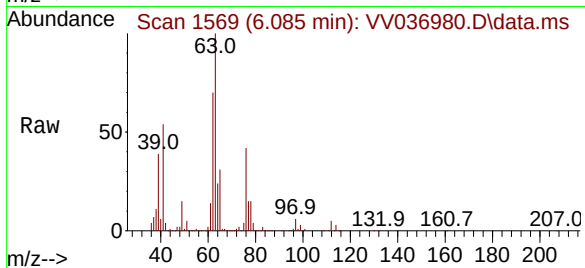




#37
1,2-Dichloropropane
Concen: 53.112 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

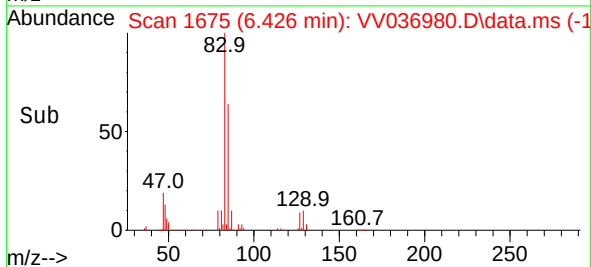
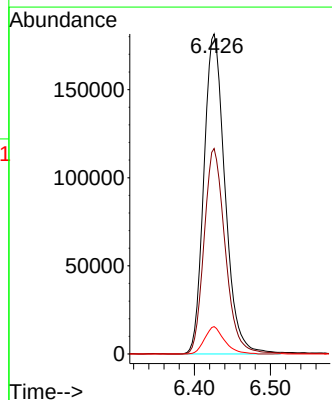
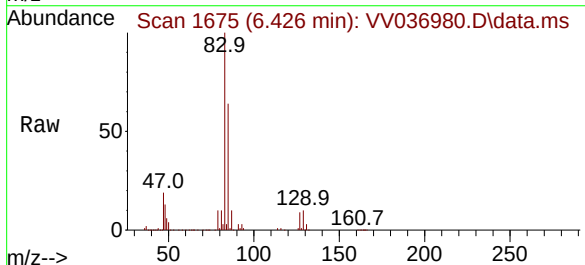
Instrument :
MSVOA_V
ClientSampleId :

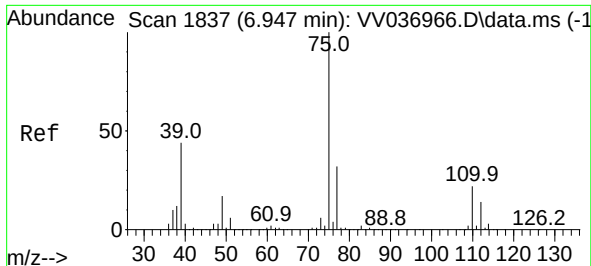
Tgt Ion: 63 Resp: 259021
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 52.196 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion: 83 Resp: 350541
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
127 8.6 6.2 9.4

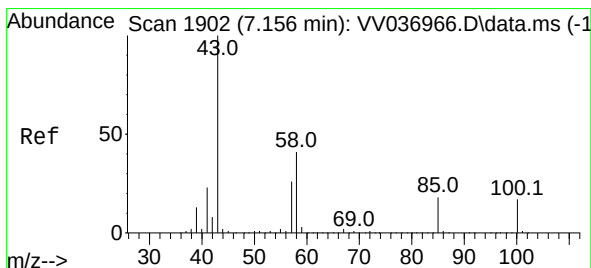
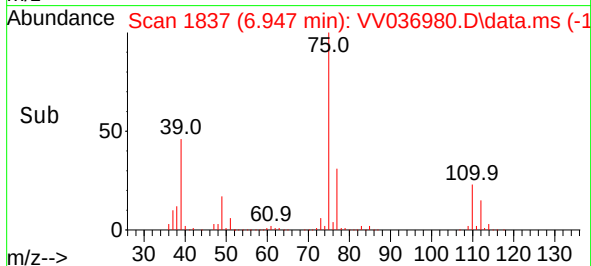
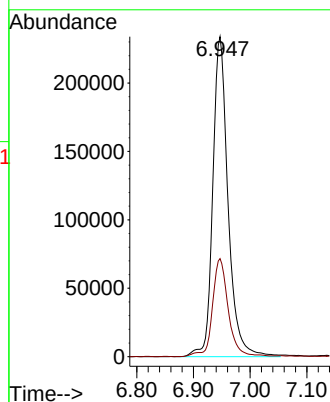
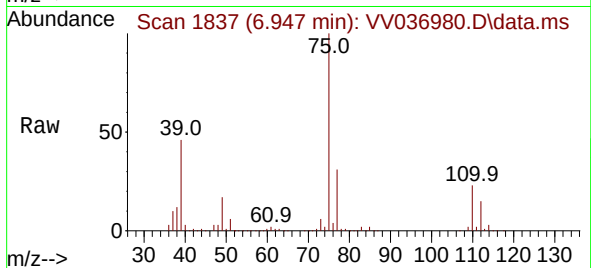




#39
 cis-1,3-Dichloropropene
 Concen: 52.538 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

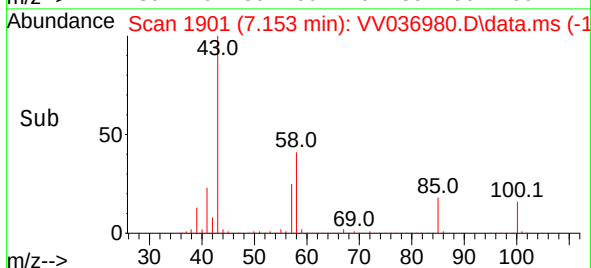
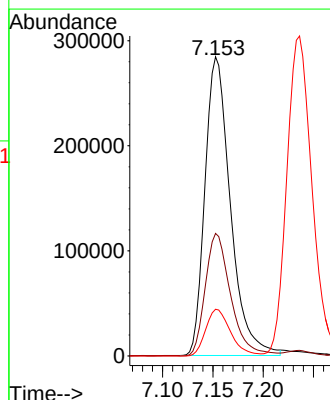
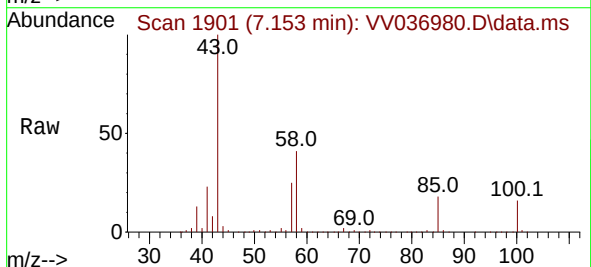
Instrument :
 MSVOA_V
 ClientSampleId :

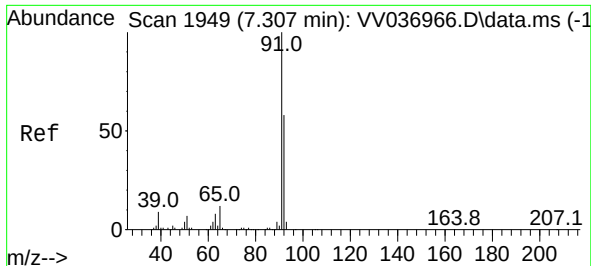
Tgt Ion: 75 Resp: 438813
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 83.059 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.003 min
 Lab File: VV036980.D
 Acq: 20 Aug 2024 09:37

Tgt Ion: 43 Resp: 501785
 Ion Ratio Lower Upper
 43 100
 58 40.9 31.3 46.9
 100 15.3 12.6 18.8





#42

Toluene

Concen: 52.946 ug/L

RT: 7.307 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

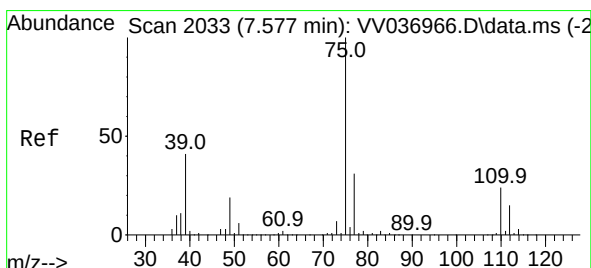
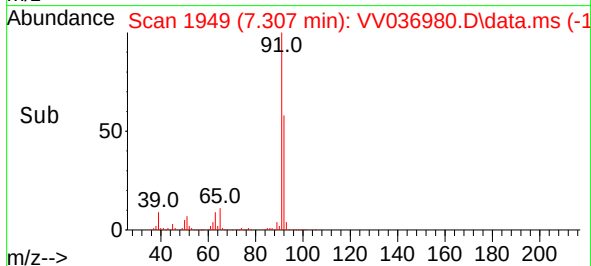
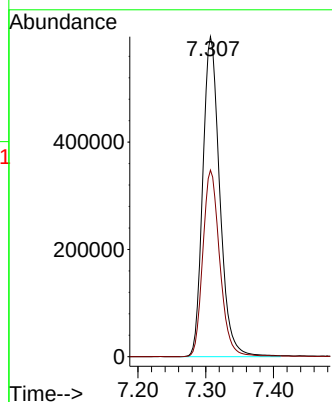
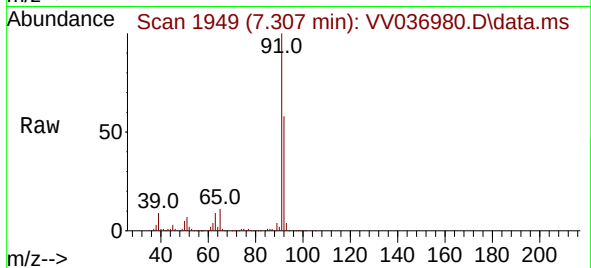
ClientSampleId :

Tgt Ion: 91 Resp: 1038214

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 48.984 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV036980.D

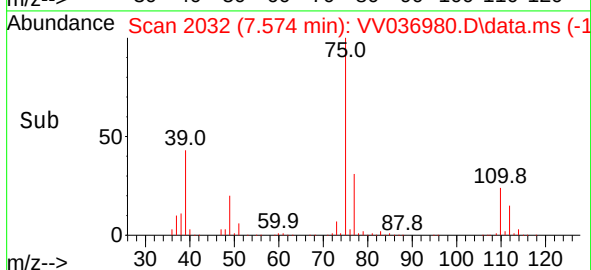
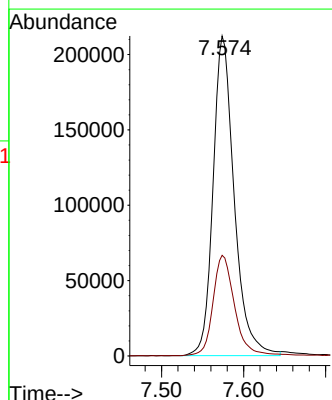
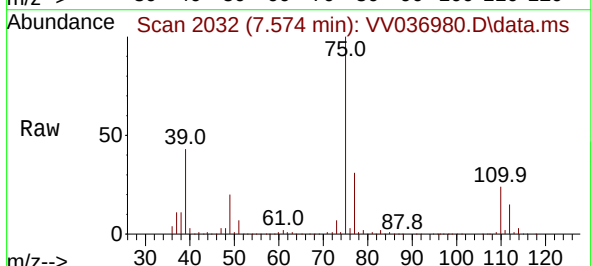
Acq: 20 Aug 2024 09:37

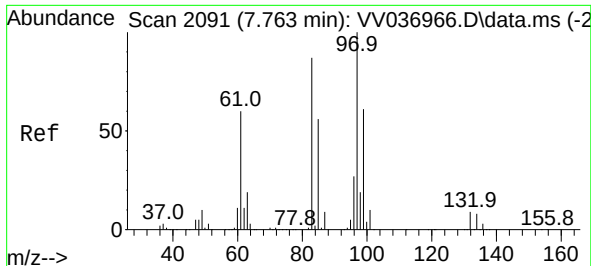
Tgt Ion: 75 Resp: 381245

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



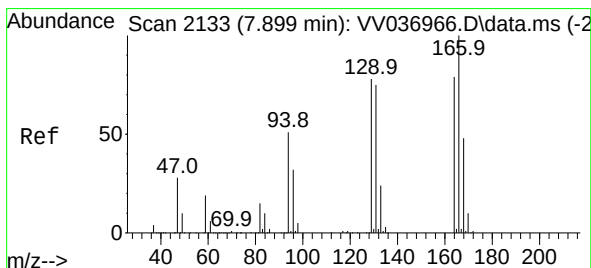
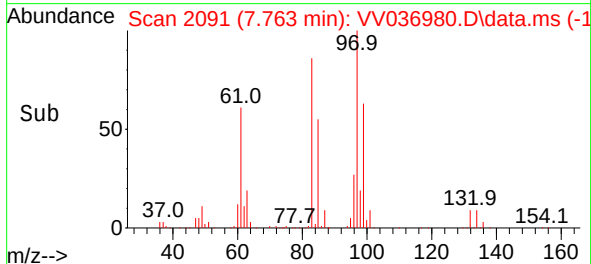
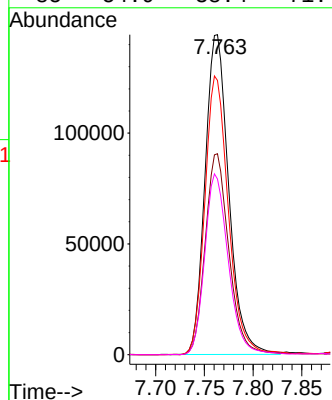
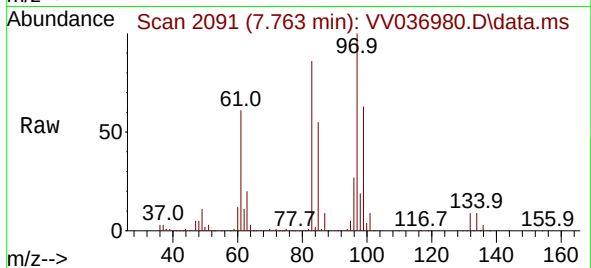


#45
1,1,2-Trichloroethane
Concen: 51.829 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 244784

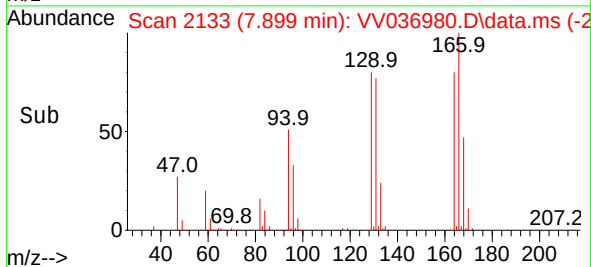
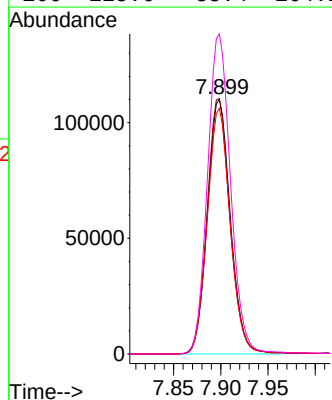
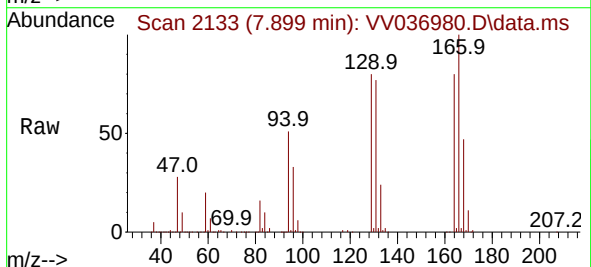
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	85.7	60.1	111.5
85	54.9	38.4	71.4

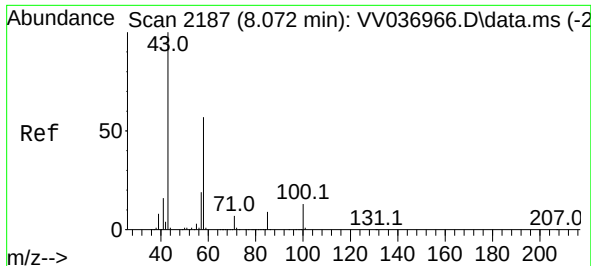


#46
Tetrachloroethene
Concen: 53.218 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion: 164 Resp: 186245

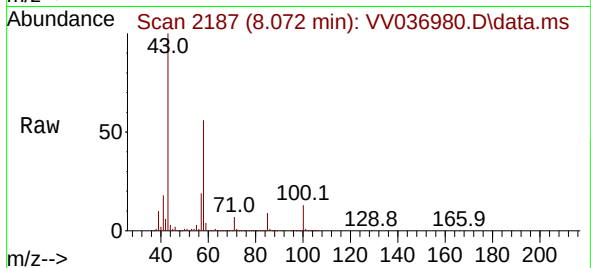
Ion	Ratio	Lower	Upper
164	100		
129	100.3	70.4	130.8
131	96.5	67.7	125.7
166	125.6	88.4	164.2



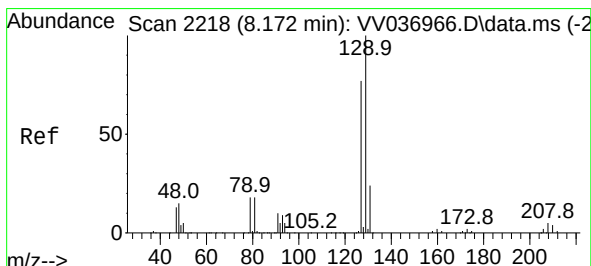
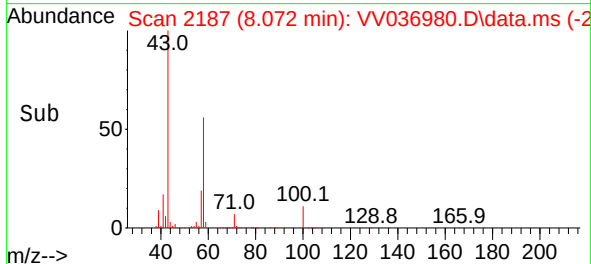
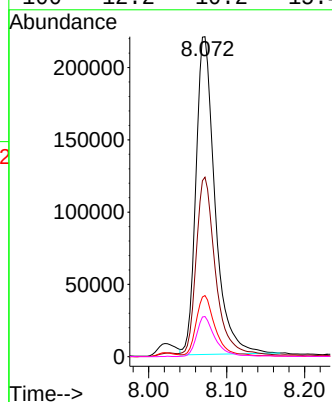


#48
2-Hexanone
Concen: 84.311 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

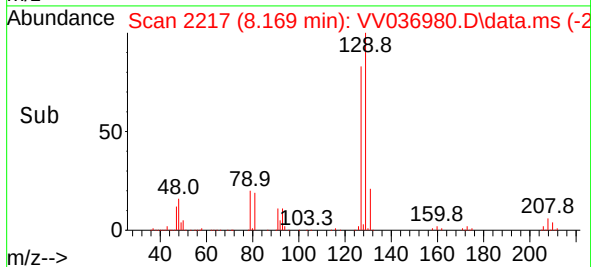
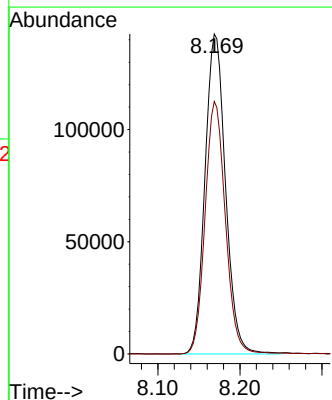
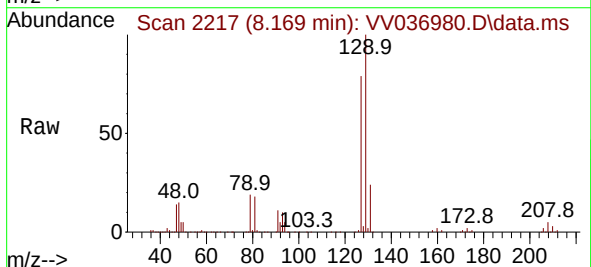


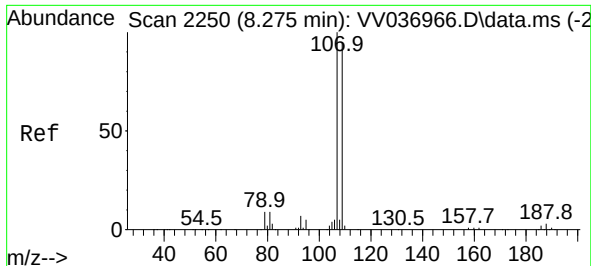
Tgt Ion:	43	Resp:	374714
Ion	Ratio	Lower	Upper
43	100		
58	56.8	44.7	67.1
57	18.4	15.0	22.4
100	12.2	10.2	15.4



#49
Dibromochloromethane
Concen: 51.130 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

Tgt Ion:	129	Resp:	248152
Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.4	102.8





#50

1,2-Dibromoethane

Concen: 50.238 ug/L

RT: 8.275 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

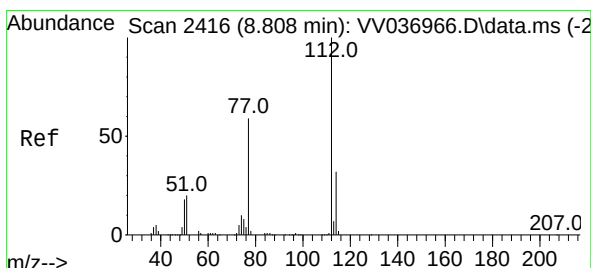
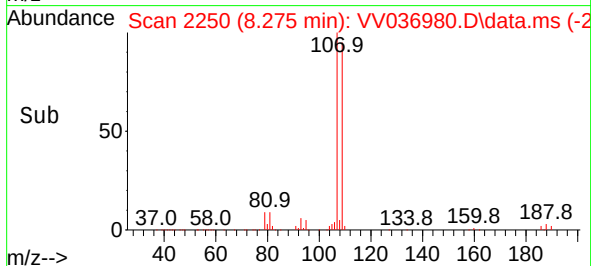
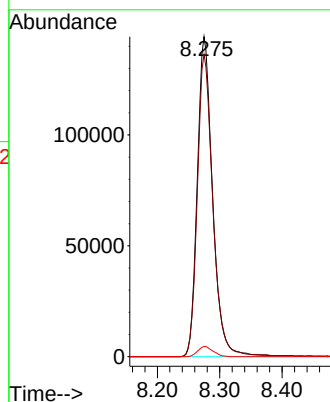
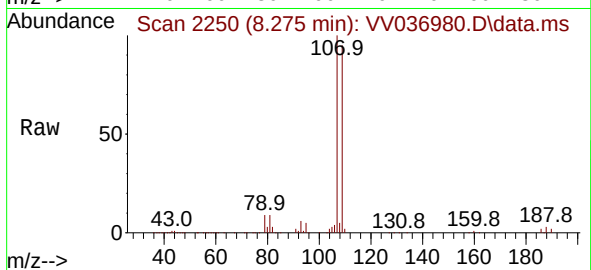
Tgt Ion:107 Resp: 246176

Ion Ratio Lower Upper

107 100

109 94.5 64.7 120.1

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 53.558 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

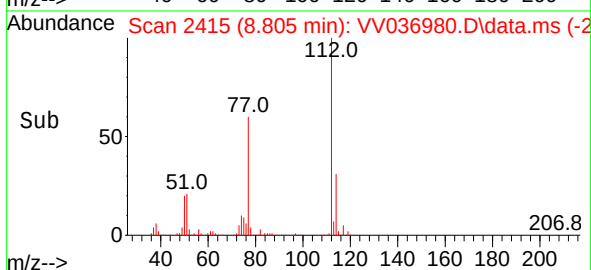
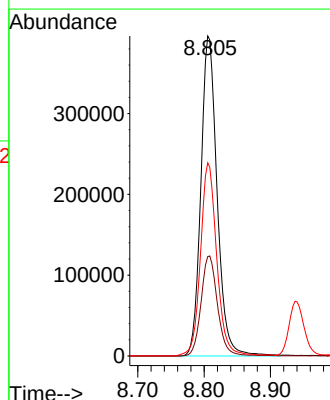
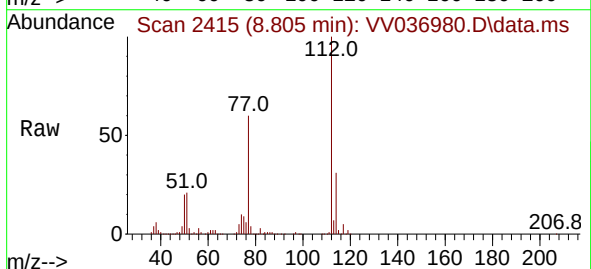
Tgt Ion:112 Resp: 673847

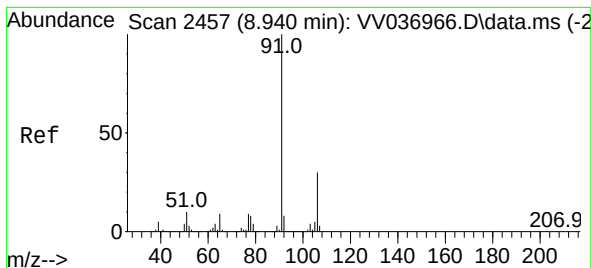
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 60.3 48.9 73.3





#52

Ethylbenzene

Concen: 52.723 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

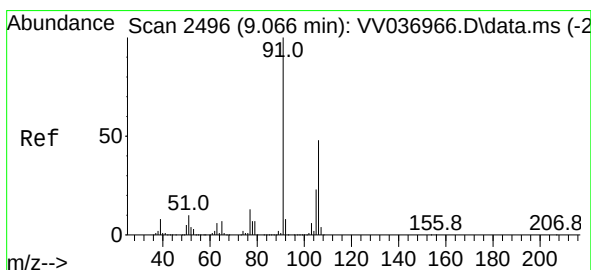
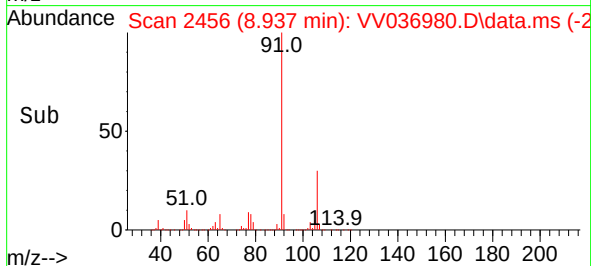
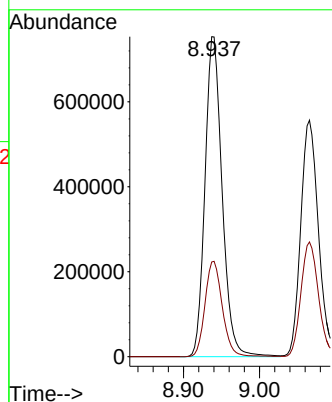
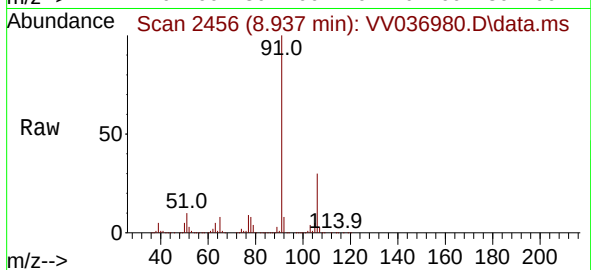
ClientSampleId :

Tgt Ion: 91 Resp: 1180441

Ion Ratio Lower Upper

91 100

106 29.6 21.1 39.1



#53

m,p-Xylene

Concen: 52.030 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV036980.D

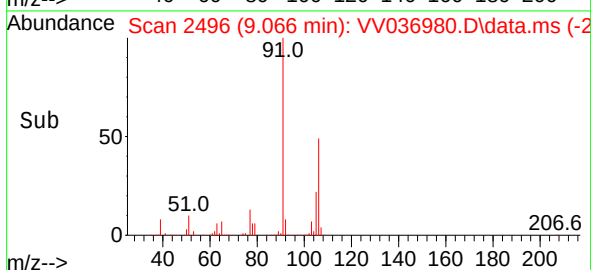
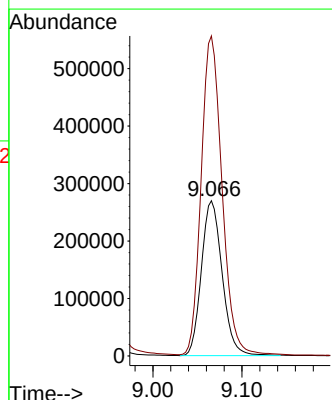
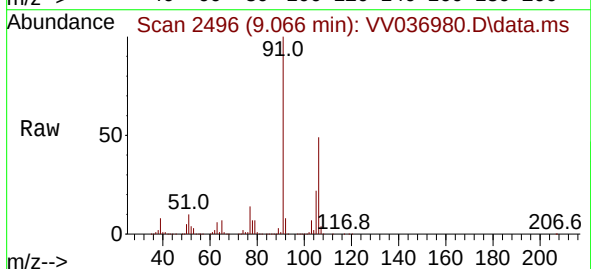
Acq: 20 Aug 2024 09:37

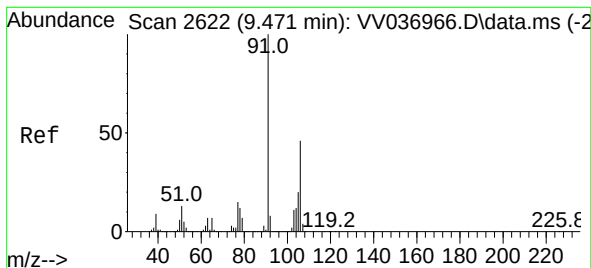
Tgt Ion:106 Resp: 435447

Ion Ratio Lower Upper

106 100

91 206.1 147.1 273.3





#54

o-Xylene

Concen: 52.362 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

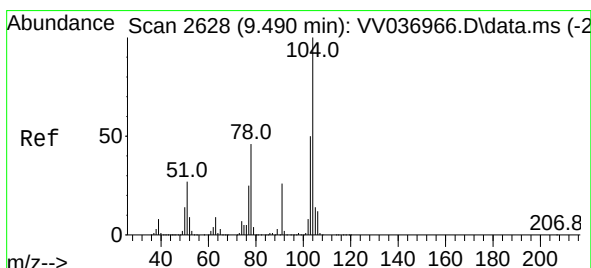
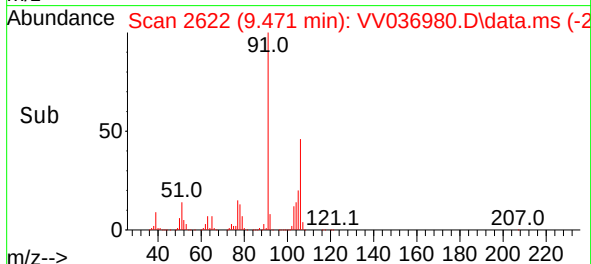
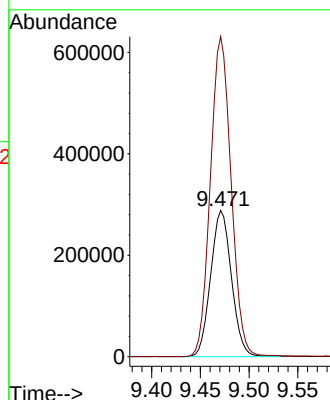
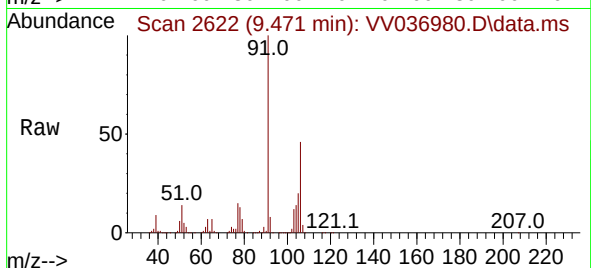
ClientSampleId :

Tgt Ion:106 Resp: 428614

Ion Ratio Lower Upper

106 100

91 218.8 154.5 286.9



#55

Styrene

Concen: 54.129 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV036980.D

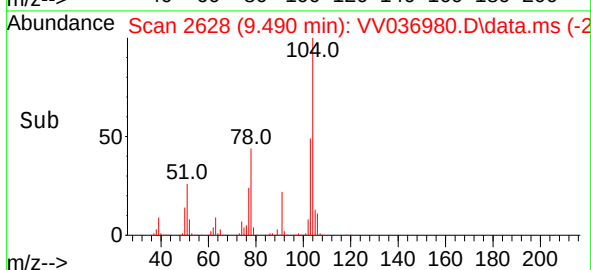
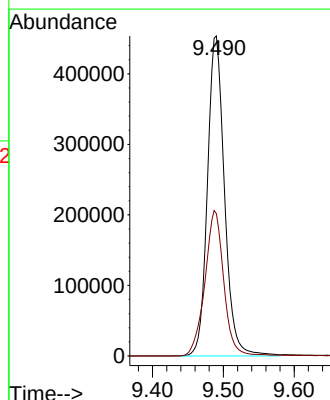
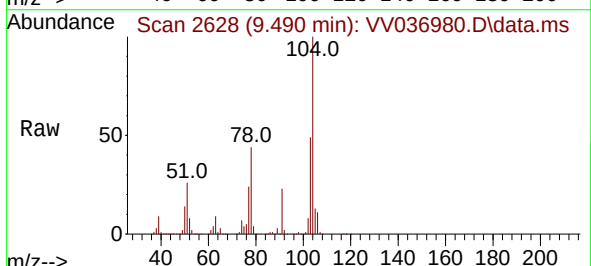
Acq: 20 Aug 2024 09:37

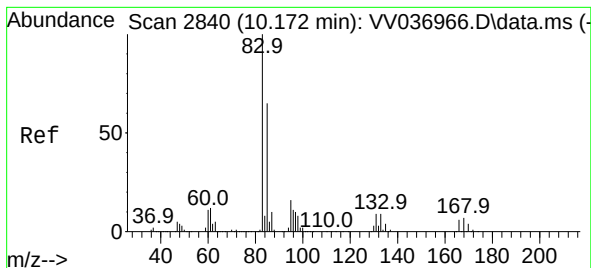
Tgt Ion:104 Resp: 759295

Ion Ratio Lower Upper

104 100

78 44.5 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 51.587 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

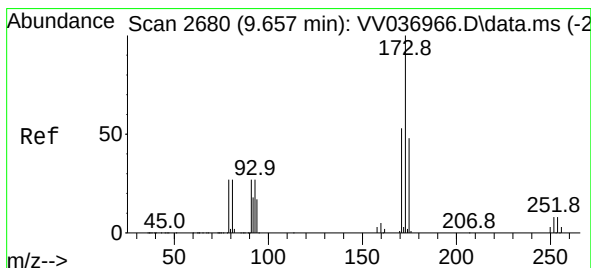
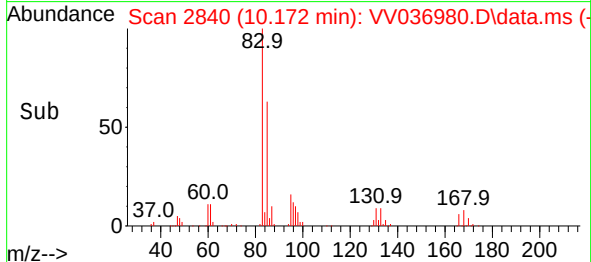
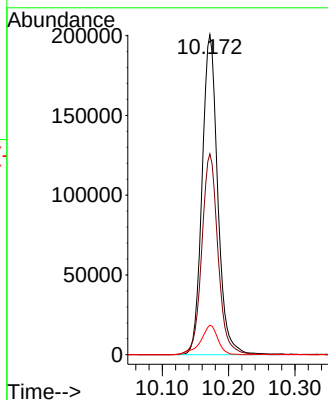
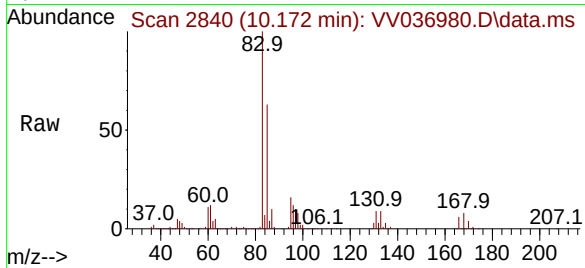
Tgt Ion: 83 Resp: 328750

Ion Ratio Lower Upper

83 100

85 62.7 44.7 83.1

131 9.2 7.2 10.8



#59

Bromoform

Concen: 45.217 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

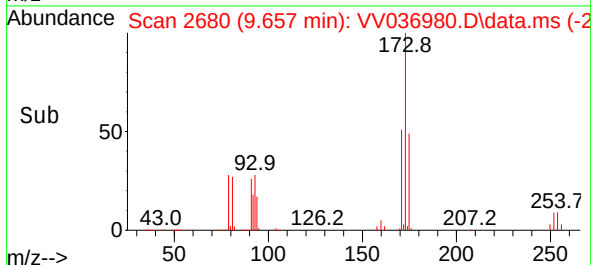
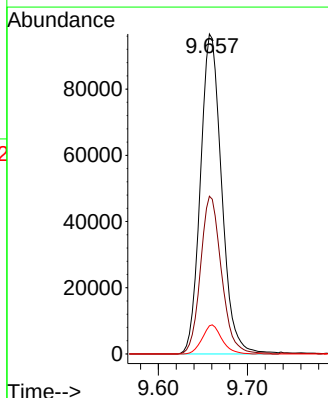
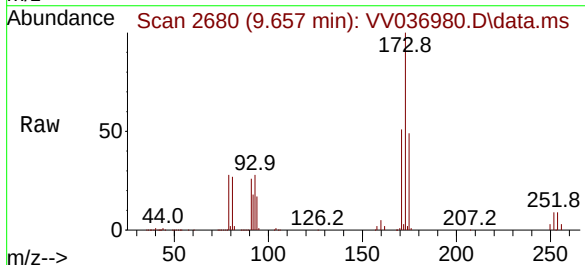
Tgt Ion: 173 Resp: 159664

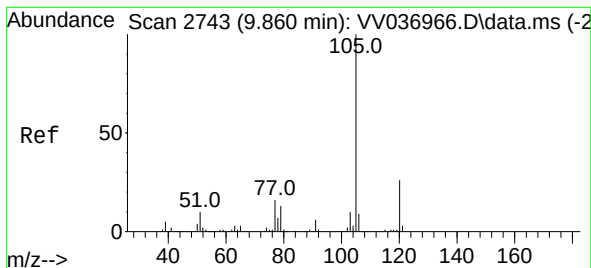
Ion Ratio Lower Upper

173 100

175 48.7 39.8 59.8

254 8.4 6.8 10.2





#60

Isopropylbenzene

Concen: 50.980 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

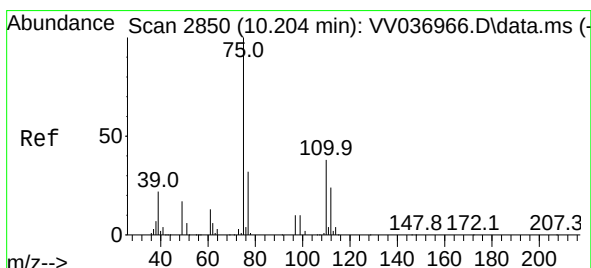
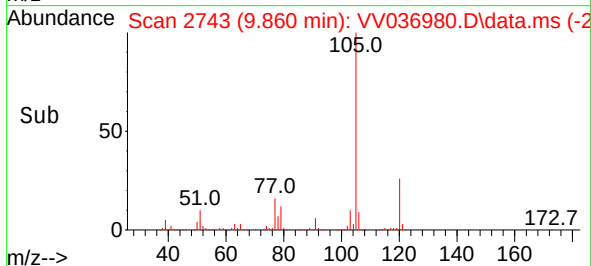
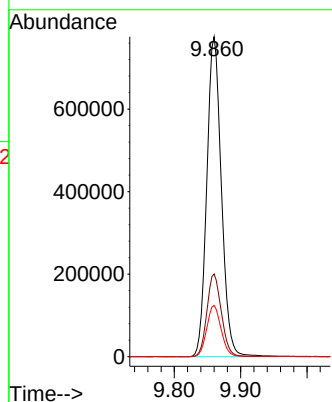
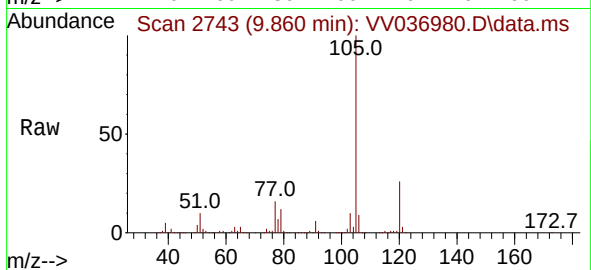
Tgt Ion:105 Resp: 1184632

Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 15.8 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 44.985 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.003 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

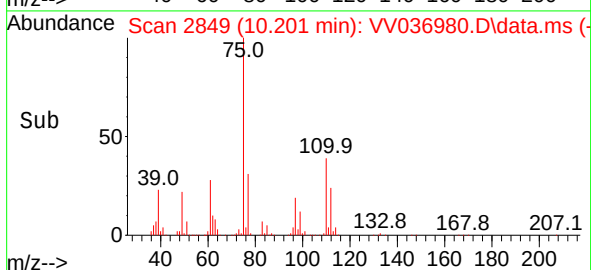
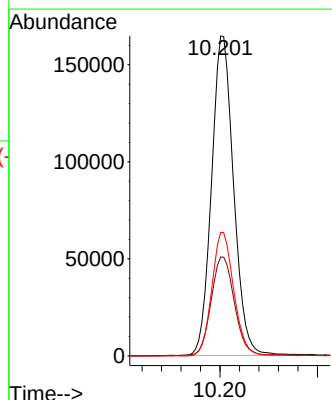
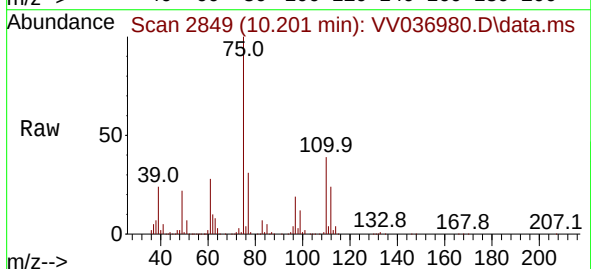
Tgt Ion: 75 Resp: 258477

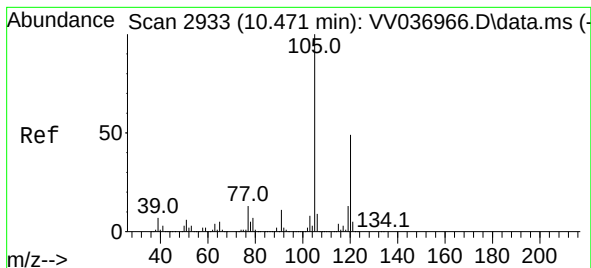
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 38.8 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 50.000 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

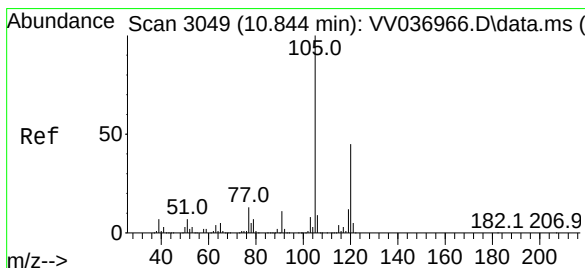
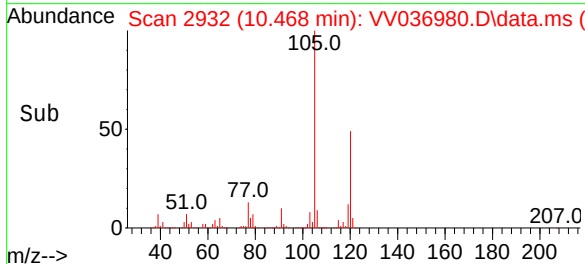
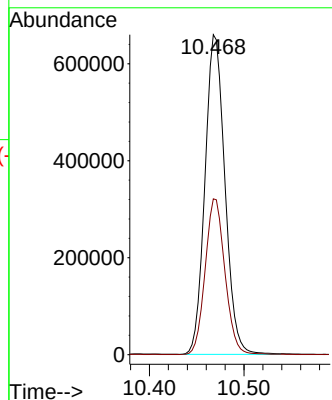
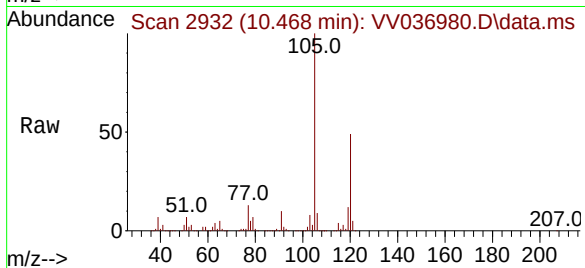
ClientSampleId :

Tgt Ion:105 Resp: 967298

Ion Ratio Lower Upper

105 100

120 48.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 50.203 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV036980.D

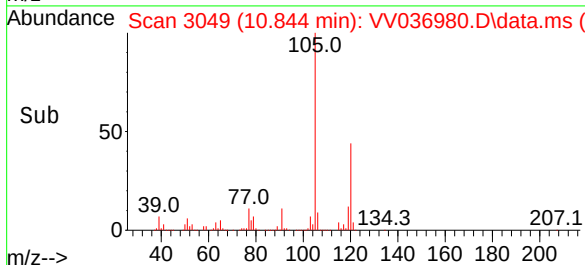
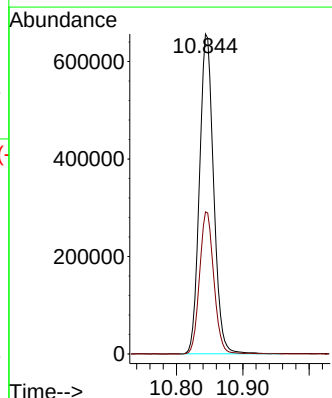
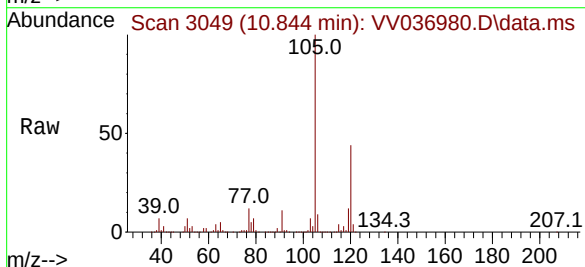
Acq: 20 Aug 2024 09:37

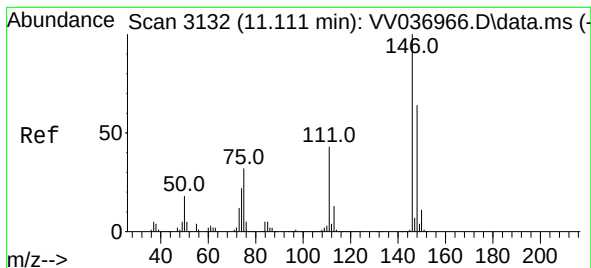
Tgt Ion:105 Resp: 972240

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 52.917 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

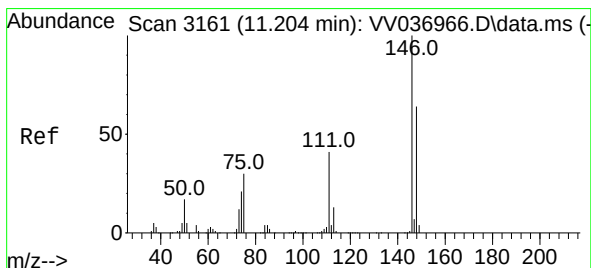
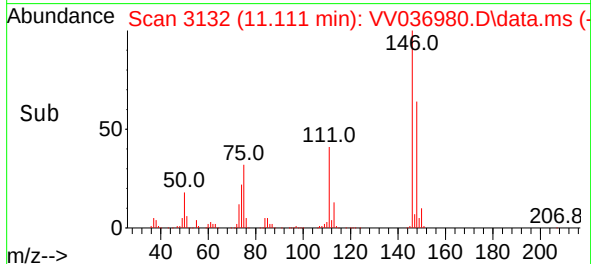
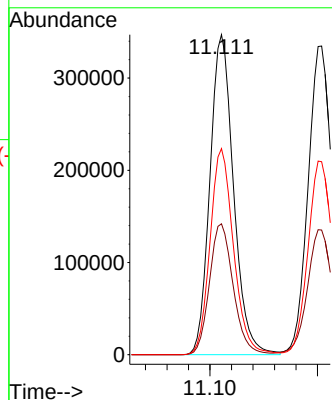
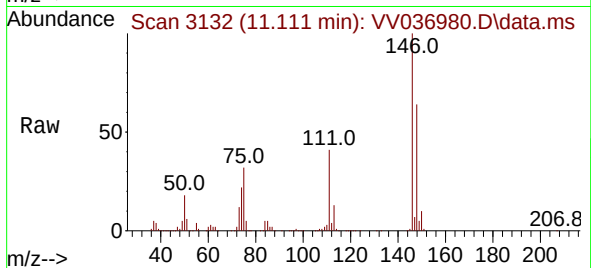
Tgt Ion:146 Resp: 528785

Ion Ratio Lower Upper

146 100

111 40.9 29.8 55.4

148 64.4 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 53.416 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

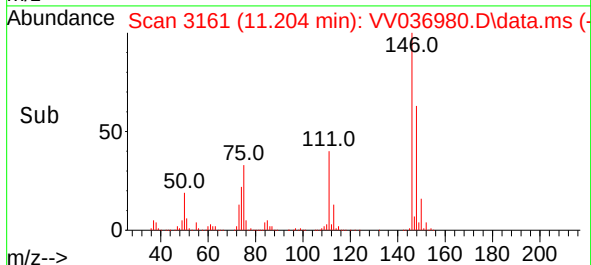
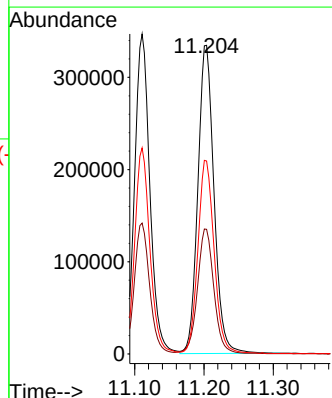
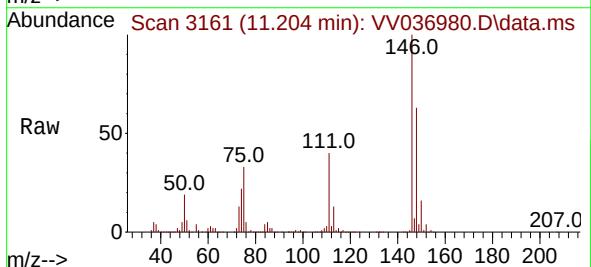
Tgt Ion:146 Resp: 542792

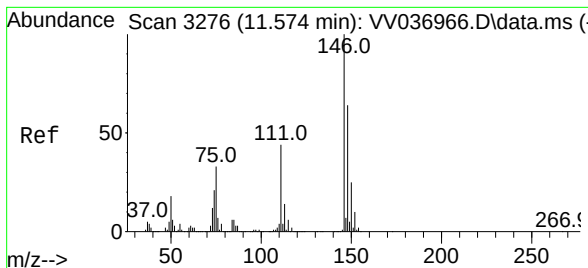
Ion Ratio Lower Upper

146 100

111 40.4 29.0 53.9

148 62.5 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 53.277 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

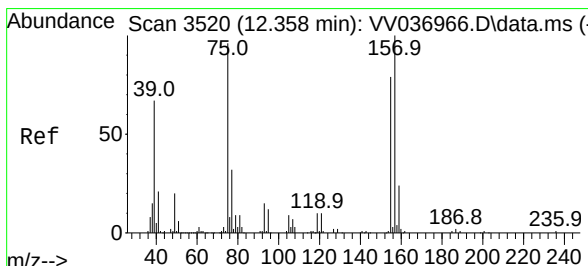
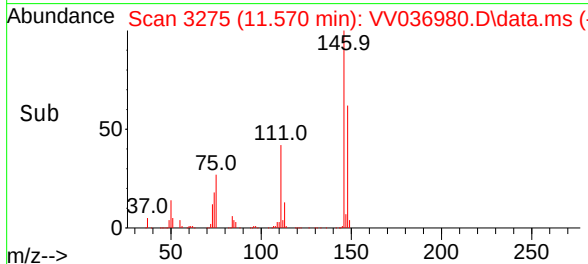
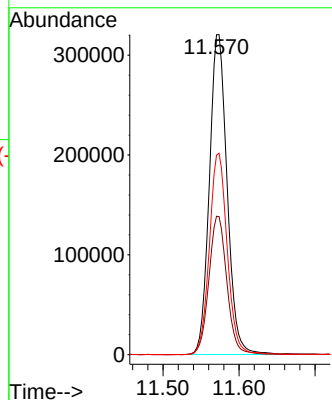
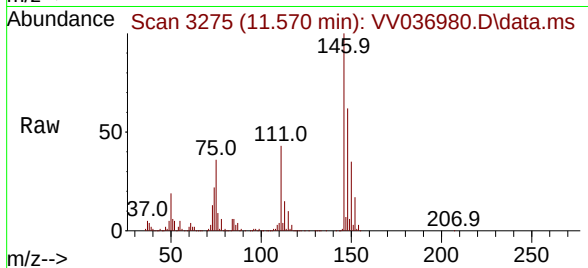
Tgt Ion:146 Resp: 519949

Ion Ratio Lower Upper

146 100

111 43.3 35.7 53.5

148 62.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 37.669 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

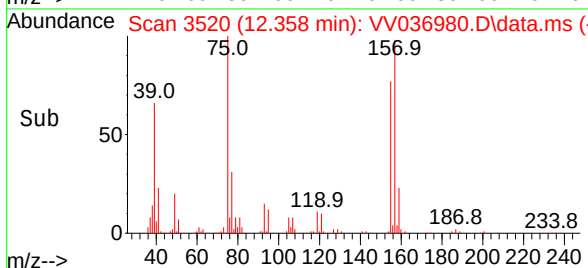
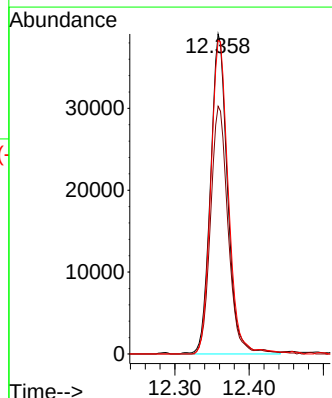
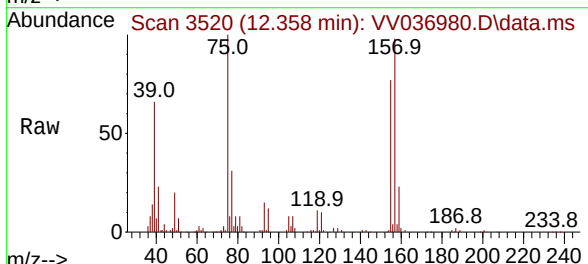
Tgt Ion: 75 Resp: 62547

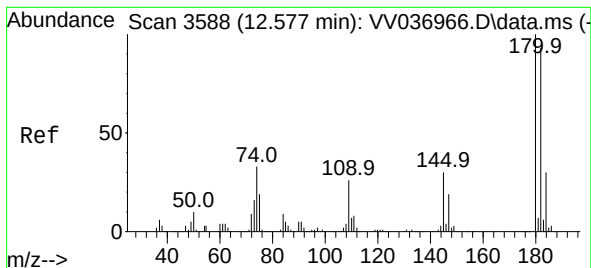
Ion Ratio Lower Upper

75 100

155 77.4 59.5 89.3

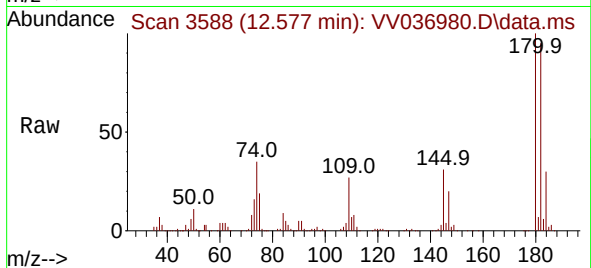
157 98.0 81.0 121.4



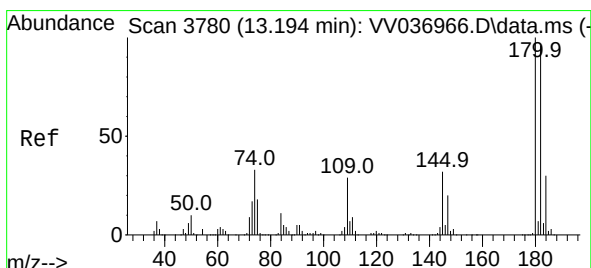
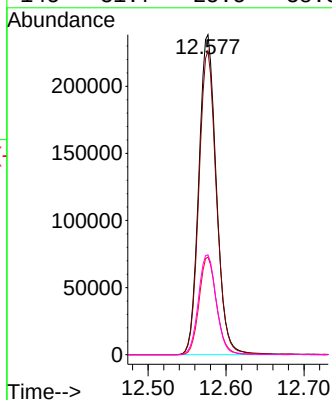
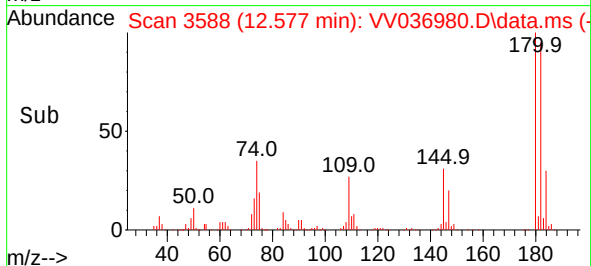


#69
1,3,5-Trichlorobenzene
Concen: 52.519 ug/L
RT: 12.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37

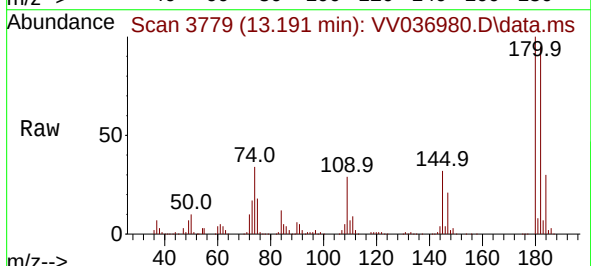
Instrument :
MSVOA_V
ClientSampleId :



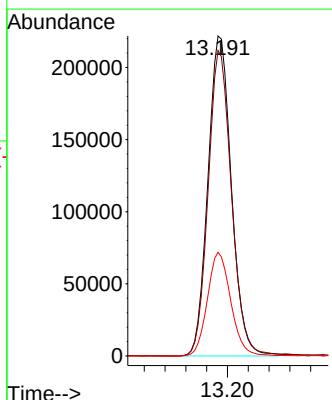
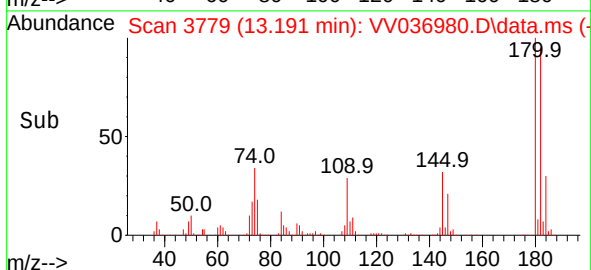
Tgt Ion:180 Resp: 372435
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.6
184 30.2 23.7 35.5
145 31.7 25.5 38.3

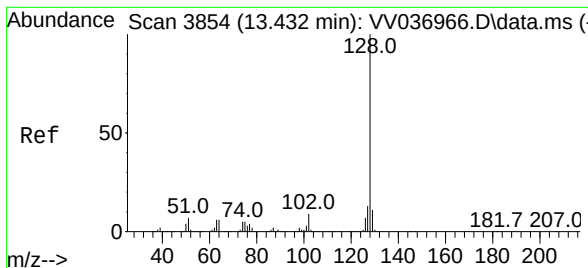


#70
1,2,4-trichlorobenzene
Concen: 51.104 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. -0.003 min
Lab File: VV036980.D
Acq: 20 Aug 2024 09:37



Tgt Ion:180 Resp: 347572
Ion Ratio Lower Upper
180 100
182 94.9 75.1 112.7
145 32.2 26.5 39.7





#71

Naphthalene

Concen: 43.794 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

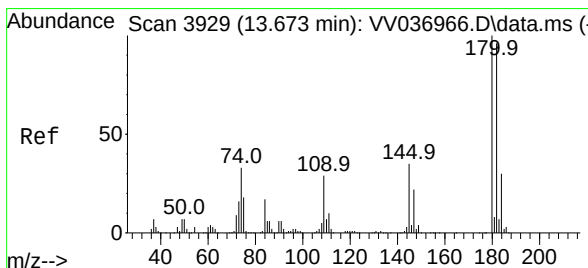
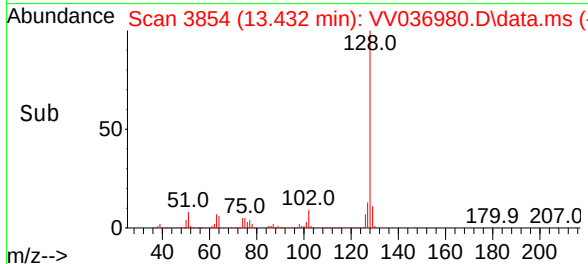
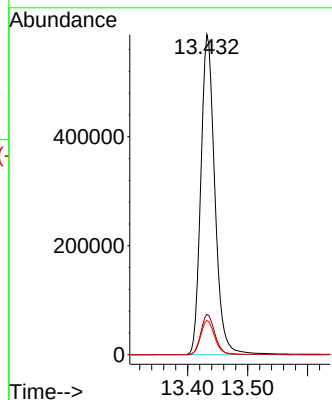
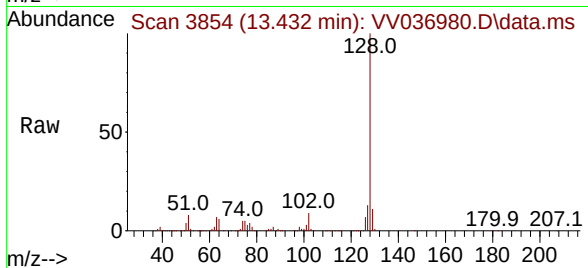
Tgt Ion:128 Resp: 955149

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.965 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV036980.D

Acq: 20 Aug 2024 09:37

Tgt Ion:180 Resp: 339298

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 34.2 27.8 41.6

