

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
 Data File : VW030691.D
 Acq On : 22 Oct 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 23 01:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 22 01:33:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	278261	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78466	17.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.760%
7) Chloroethane-d5	2.899	69	73379	22.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
11) 1,1-Dichloroethene-d2	4.021	65	35490	19.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.040%
21) 2-Butanone-d5	7.075	46	43933	55.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.620%
24) Chloroform-d	7.648	84	200156	25.152	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.301	65	101420	24.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.276	84	351056	23.408	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.276	67	110426	25.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.319	98	314549	22.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	10.575	79	44318	24.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.160%
47) 2-Hexanone-d5	10.922	63	33304	58.742	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90890	28.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	108739	24.434	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67690	19.040	ug/L	90
3) Chloromethane	2.222	50	95190	23.037	ug/L	99
5) Vinyl chloride	2.375	62	124105	24.423	ug/L	98
6) Bromomethane	2.796	94	82987	24.812	ug/L	99
8) Chloroethane	2.936	64	80196	25.817	ug/L	97
9) Trichlorofluoromethane	3.271	101	110465	24.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	96744	23.650	ug/L	96
12) 1,1-Dichloroethene	4.039	96	91132	24.411	ug/L	97
13) Acetone	4.118	43	62855	54.544	ug/L	95
14) Carbon disulfide	4.387	76	266341	21.847	ug/L	100
15) Methyl Acetate	4.667	43	37620	26.428	ug/L	98
16) Methylene chloride	4.917	84	102122	24.276	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	100174	24.867	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	150444	26.684	ug/L	100
19) 1,1-Dichloroethane	6.222	63	198098	26.458	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	111407	25.928	ug/L	95
22) 2-Butanone	7.167	43	63270	50.935	ug/L	99
23) Bromochloromethane	7.508	128	47630	25.339	ug/L	93
25) Chloroform	7.673	83	212233	26.525	ug/L	99

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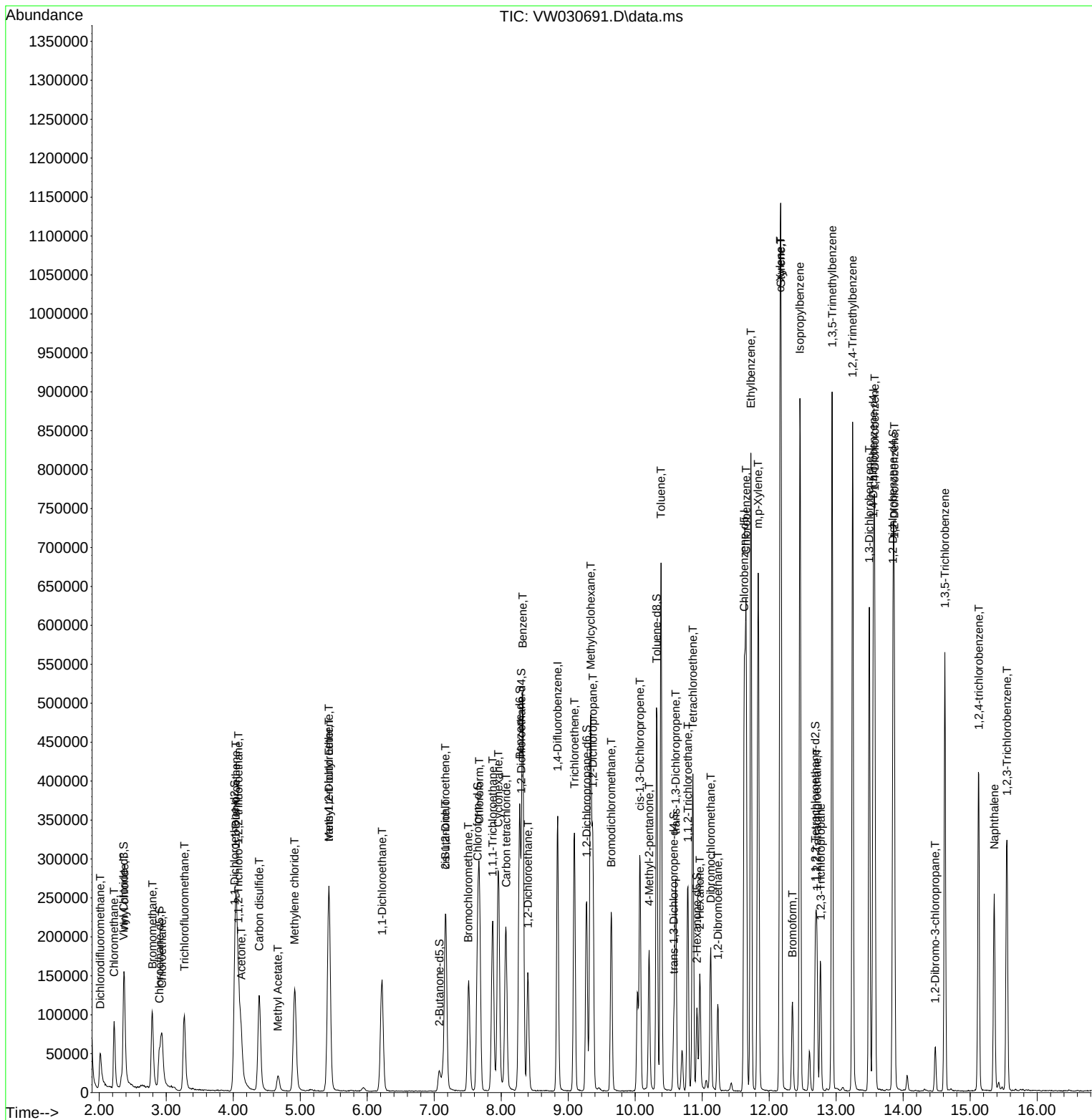
Instrument :
 MSVOA_W
 ClientSampleId :

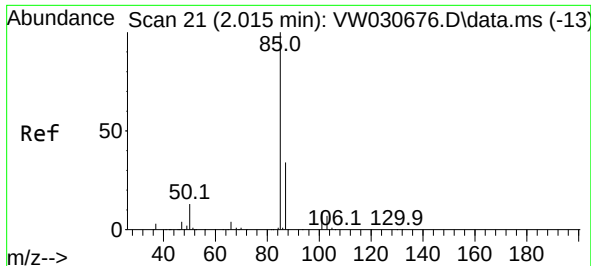
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135460	25.663	ug/L	100
29) Cyclohexane	7.959	56	156706	24.914	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	174484	25.437	ug/L	99
31) Carbon tetrachloride	8.075	117	154663	25.245	ug/L	96
33) Benzene	8.319	78	433888	25.803	ug/L	100
34) Trichloroethene	9.093	95	113831	24.333	ug/L	95
35) Methylcyclohexane	9.337	83	184419	25.049	ug/L	98
37) 1,2-Dichloropropane	9.367	63	111774	26.615	ug/L	99
38) Bromodichloromethane	9.642	83	148598	26.594	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	168850	26.655	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	113674	56.342	ug/L	98
42) Toluene	10.386	91	477980	26.644	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	141900	26.657	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	81161	26.740	ug/L	98
46) Tetrachloroethene	10.861	164	86537	25.080	ug/L	96
48) 2-Hexanone	10.965	43	94042	56.998	ug/L	97
49) Dibromochloromethane	11.129	129	90828	26.819	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72461	25.585	ug/L #	90
51) Chlorobenzene	11.654	112	292534	25.332	ug/L	98
52) Ethylbenzene	11.727	91	556145	27.169	ug/L	98
53) m,p-Xylene	11.837	106	203527	26.539	ug/L	92
54) o-Xylene	12.166	106	192609	27.166	ug/L	93
55) Styrene	12.178	104	338790	27.952	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	93108	27.202	ug/L	94
59) Bromoform	12.349	173	49680	26.884	ug/L	97
60) Isopropylbenzene	12.458	105	549381	26.972	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	65029	25.408	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	441757	27.491	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	433910	27.579	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	233815	26.372	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	233550	25.512	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	203109	26.034	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13845	24.261	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	153072	26.182	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	118897	25.262	ug/L	98
71) Naphthalene	15.360	128	200930	24.710	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97686	23.941	ug/L	96

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

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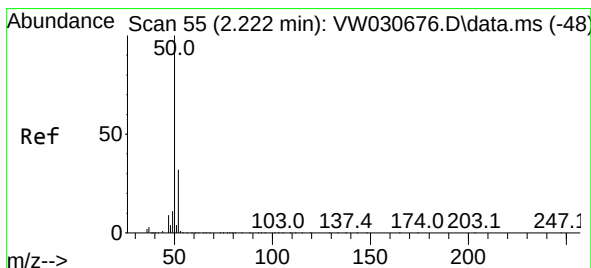
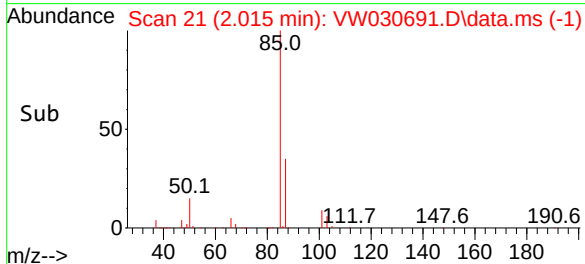
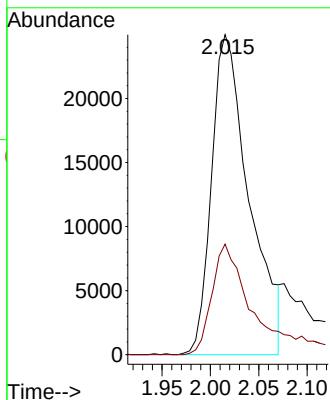
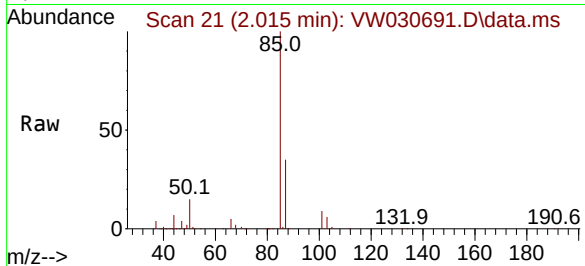




#2
 Dichlorodifluoromethane
 Concen: 19.040 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030691.D
 Acq: 22 Oct 2024 09:07

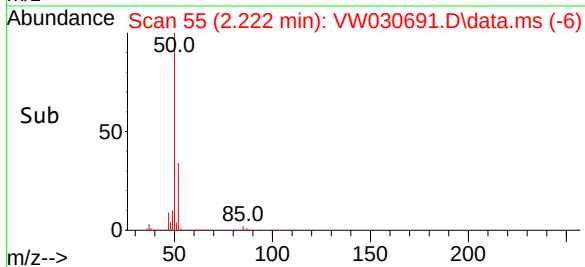
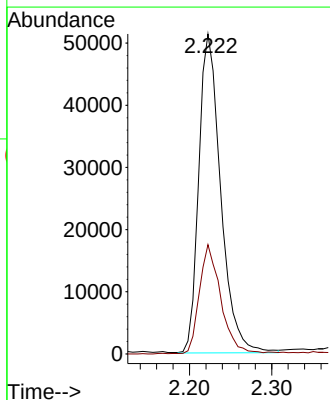
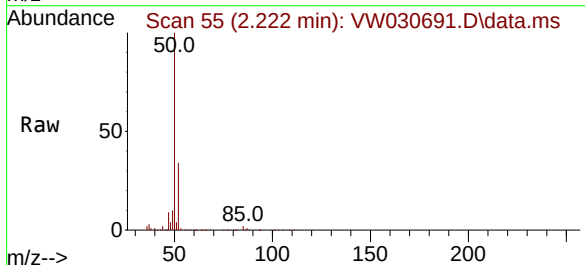
Instrument :
 MSVOA_W
 ClientSampleId :

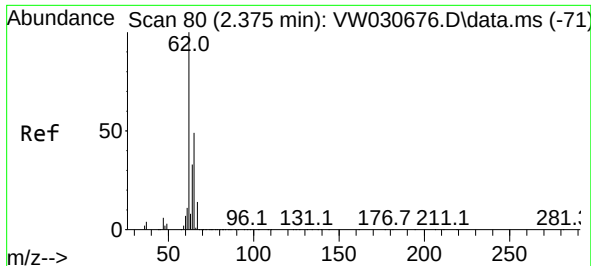
Tgt Ion: 85 Resp: 67690
 Ion Ratio Lower Upper
 85 100
 87 35.1 23.8 35.6



#3
 Chloromethane
 Concen: 23.037 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030691.D
 Acq: 22 Oct 2024 09:07

Tgt Ion: 50 Resp: 95190
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.7 43.9

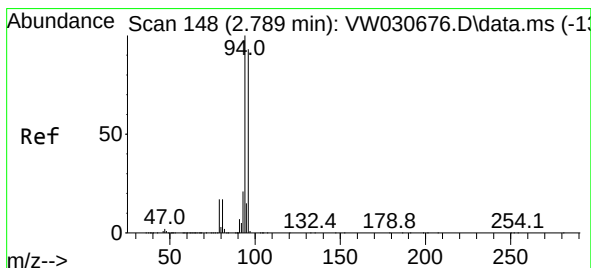
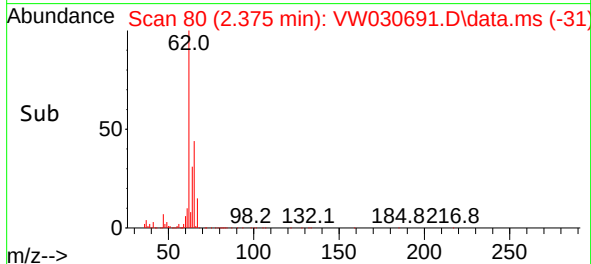
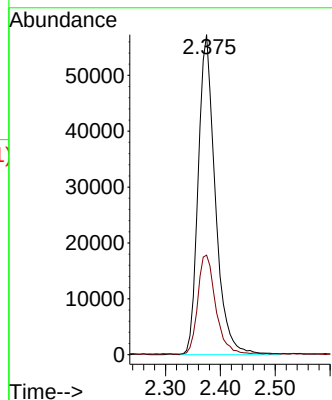
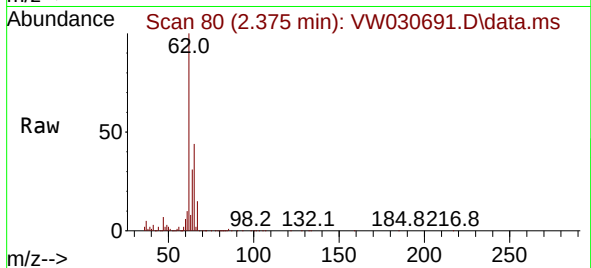




#5
 Vinyl chloride
 Concen: 24.423 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030691.D
 Acq: 22 Oct 2024 09:07

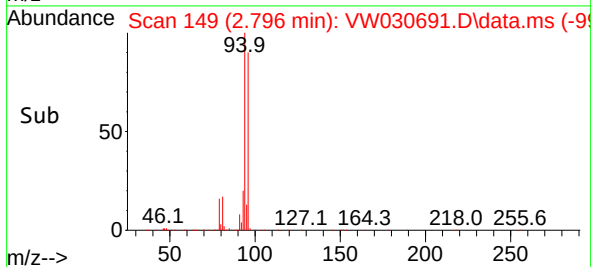
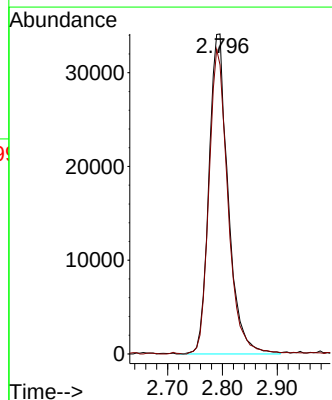
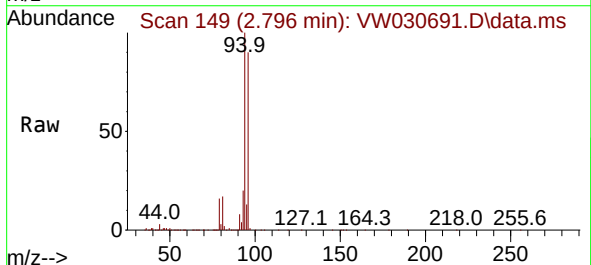
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 ClientSampleId :

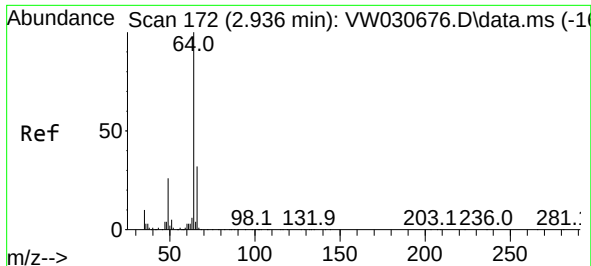
Tgt Ion: 62 Resp: 124105
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.6 42.0



#6
 Bromomethane
 Concen: 24.812 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030691.D
 Acq: 22 Oct 2024 09:07

Tgt Ion: 94 Resp: 82987
 Ion Ratio Lower Upper
 94 100
 96 90.3 62.6 116.2

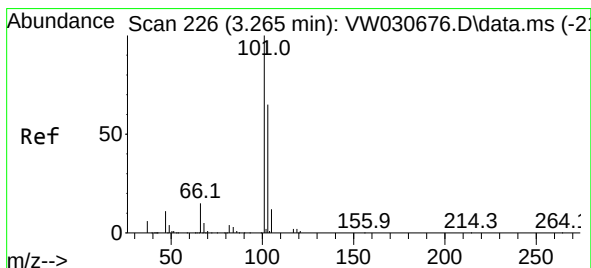
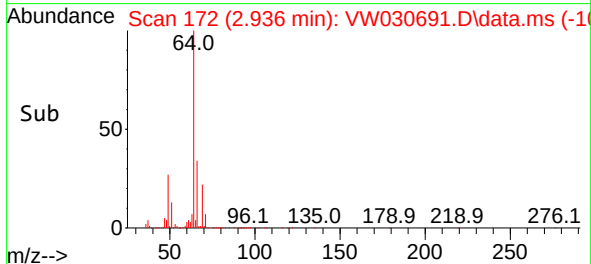
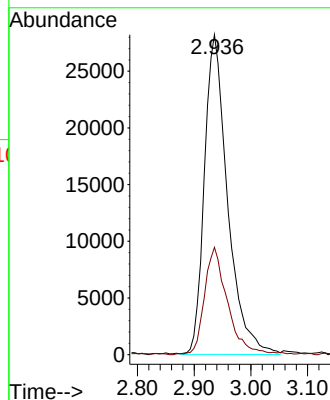
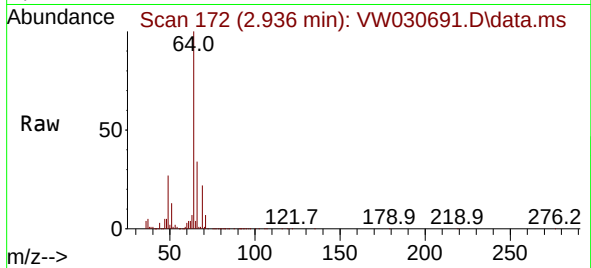




#8
Chloroethane
Concen: 25.817 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

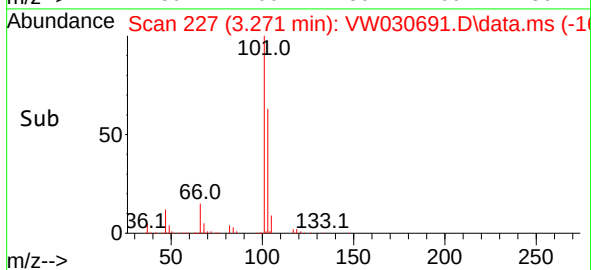
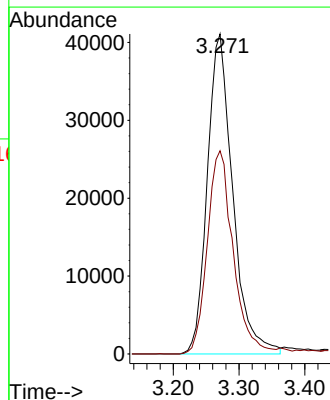
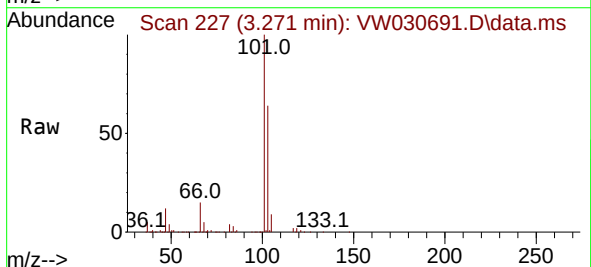
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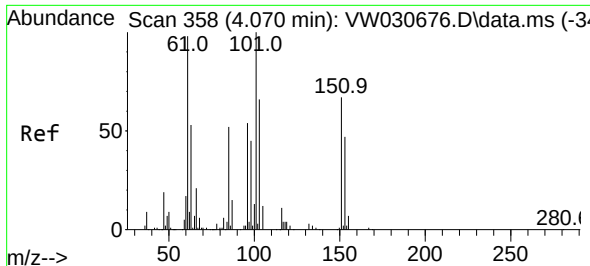
Tgt Ion: 64 Resp: 80196
Ion Ratio Lower Upper
64 100
66 33.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.296 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion:101 Resp: 110465
Ion Ratio Lower Upper
101 100
103 64.6 51.1 76.7

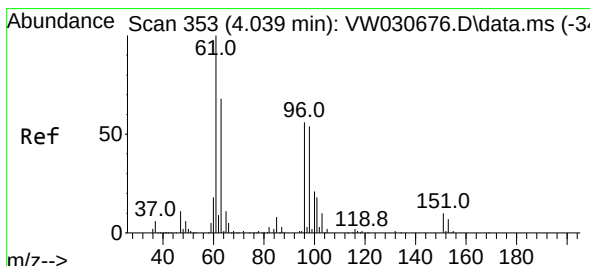
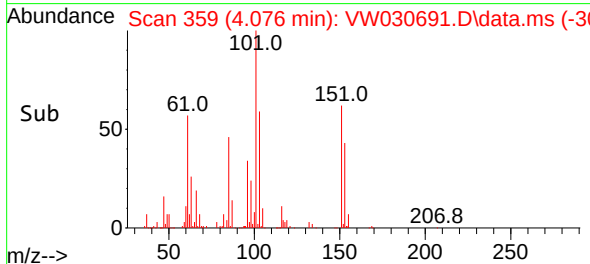
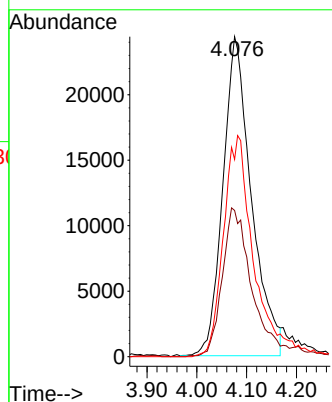
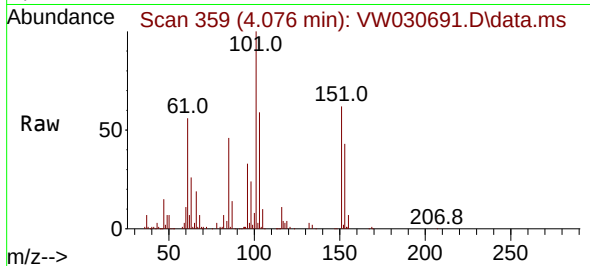




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.650 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

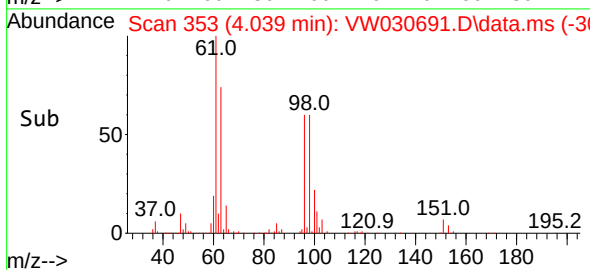
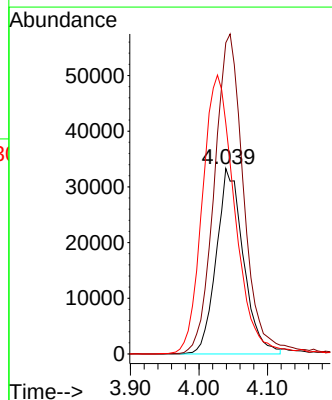
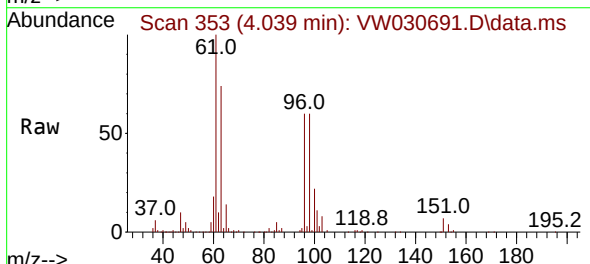
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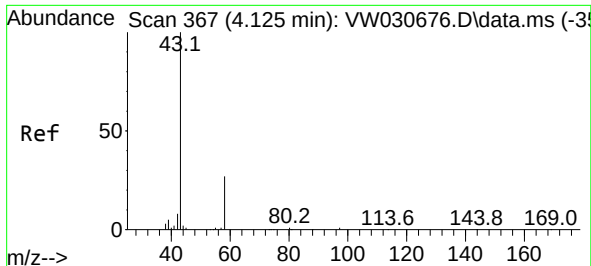
Tgt Ion	101	Resp:	96744
Ion	Ratio	Lower	Upper
101	100		
85	46.6	35.7	53.5
151	73.3	56.1	84.1



#12
1,1-Dichloroethene
Concen: 24.411 ug/L
RT: 4.039 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion	96	Resp:	91132
Ion	Ratio	Lower	Upper
96	100		
61	167.8	121.3	225.3
63	124.5	87.6	162.8





#13

Acetone

Concen: 54.544 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

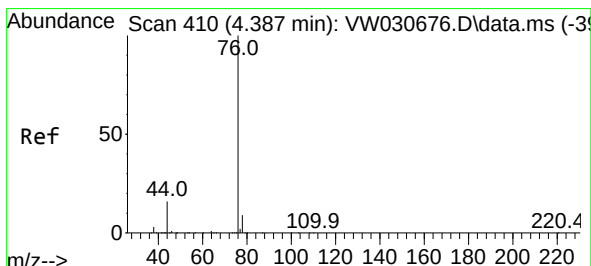
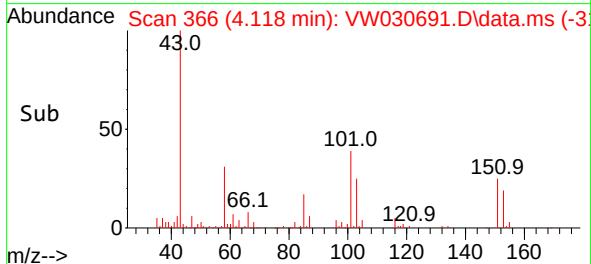
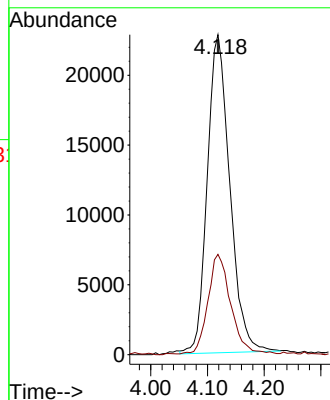
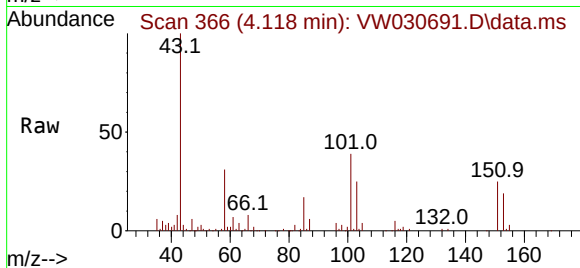
ClientSampleId :

Tgt Ion: 43 Resp: 62855

Ion Ratio Lower Upper

43 100

58 31.5 0.0 57.6



#14

Carbon disulfide

Concen: 21.847 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW030691.D

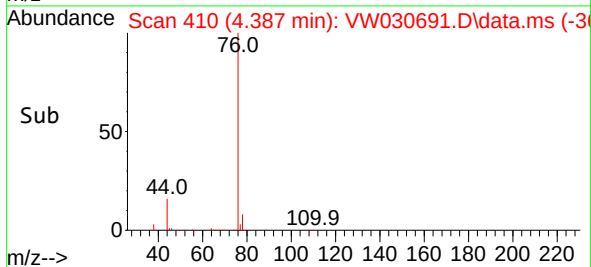
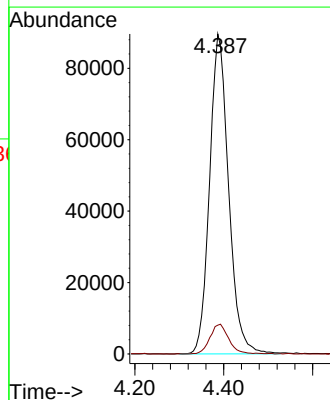
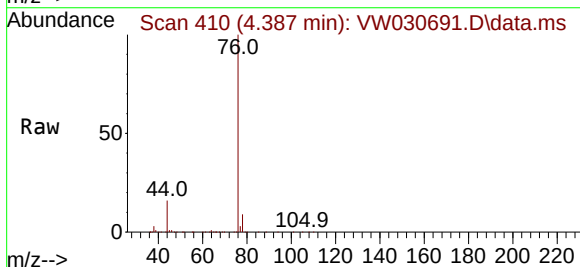
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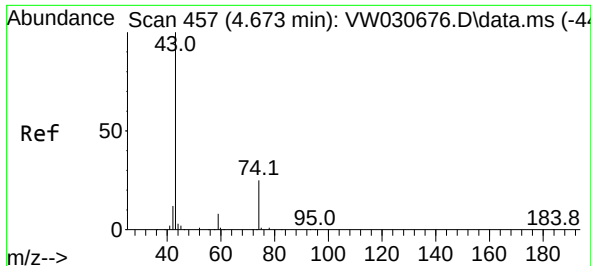
Tgt Ion: 76 Resp: 266341

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

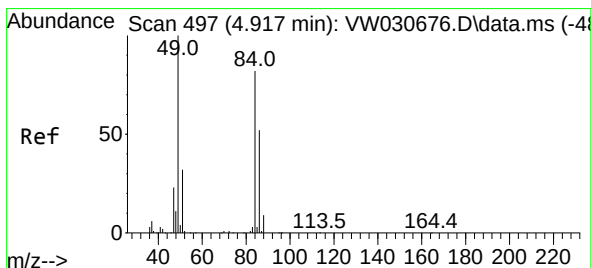
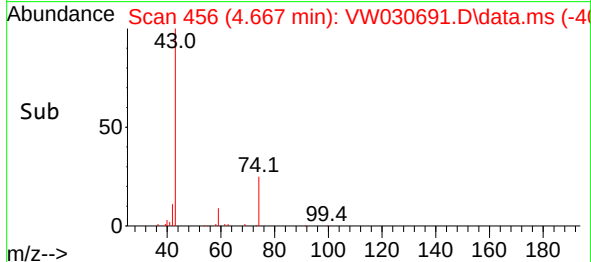
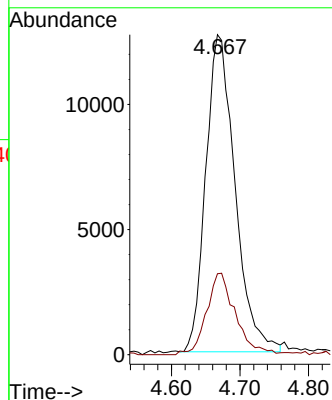
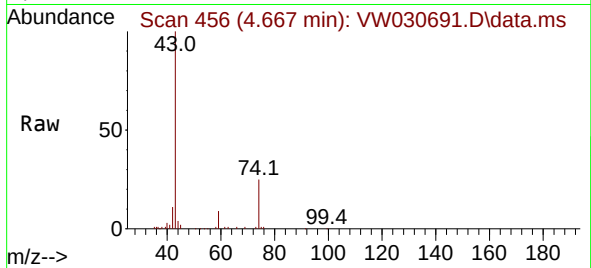




#15
Methyl Acetate
Concen: 26.428 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

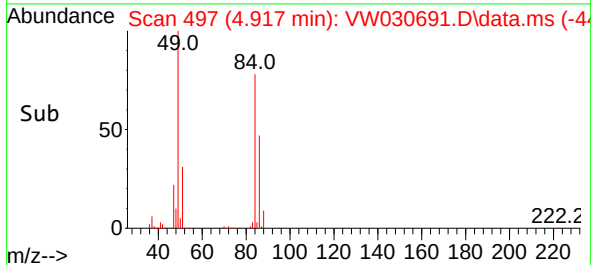
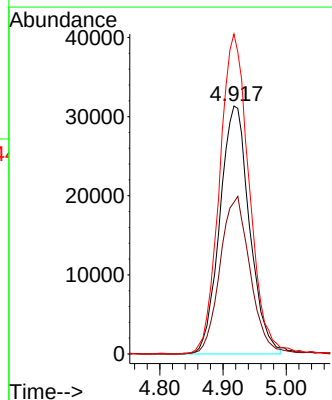
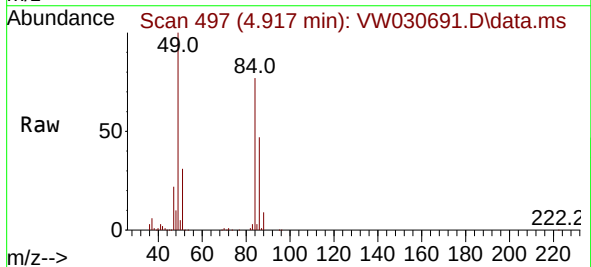
Instrument :
MSVOA_W
ClientSampleId :

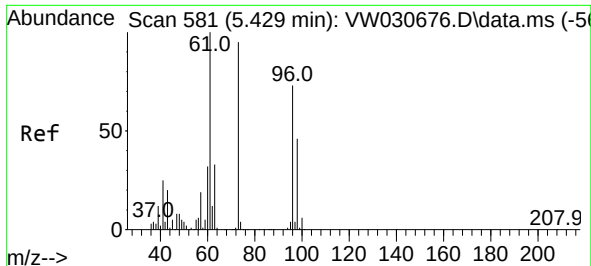
Tgt Ion: 43 Resp: 37620
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9



#16
Methylene chloride
Concen: 24.276 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

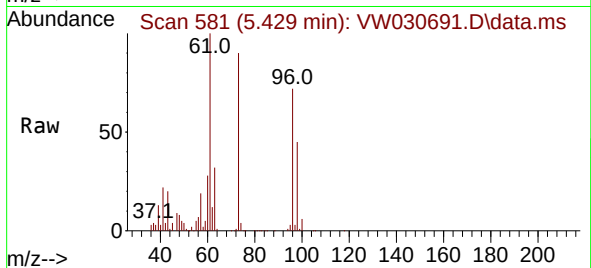
Tgt Ion: 84 Resp: 102122
Ion Ratio Lower Upper
84 100
86 61.2 43.8 81.3
49 129.0 88.3 164.1





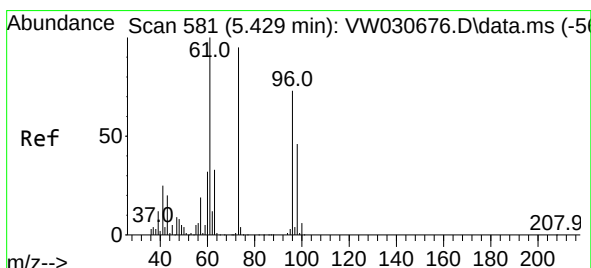
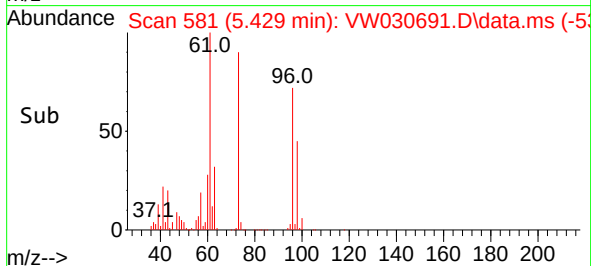
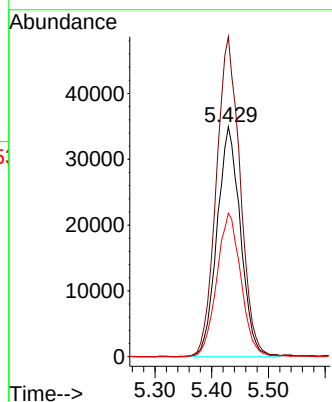
#17
trans-1,2-Dichloroethene
Concen: 24.867 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 100174

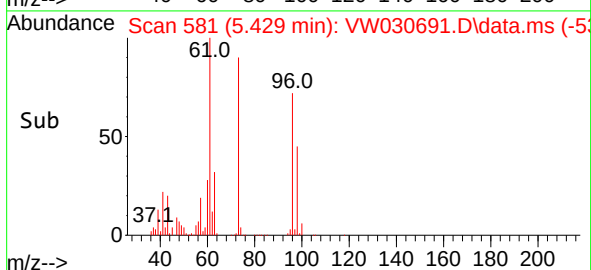
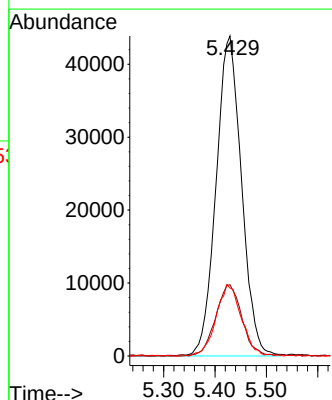
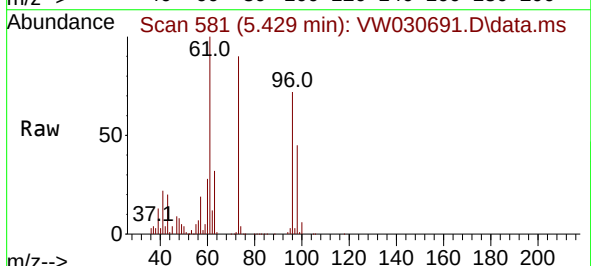
Ion	Ratio	Lower	Upper
96	100		
61	139.2	96.9	179.9
98	62.5	42.2	78.4

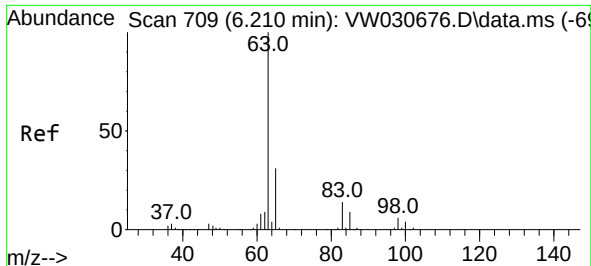


#18
Methyl tert-butyl Ether
Concen: 26.684 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion: 73 Resp: 150444

Ion	Ratio	Lower	Upper
73	100		
43	22.3	18.1	27.1
57	22.1	17.7	26.5





#19

1,1-Dichloroethane

Concen: 26.458 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.012 min

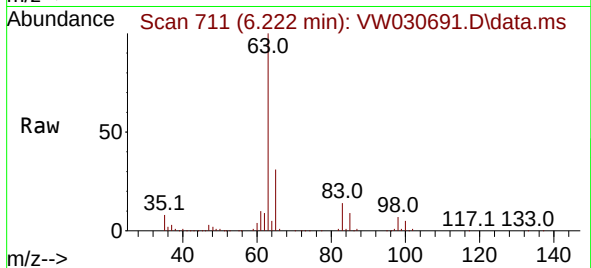
Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :



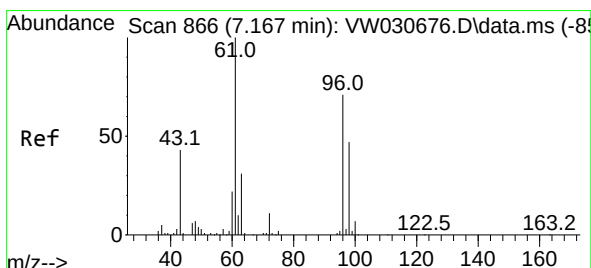
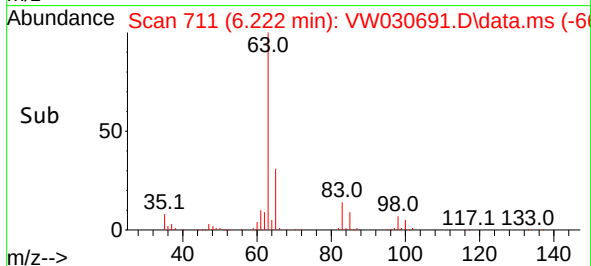
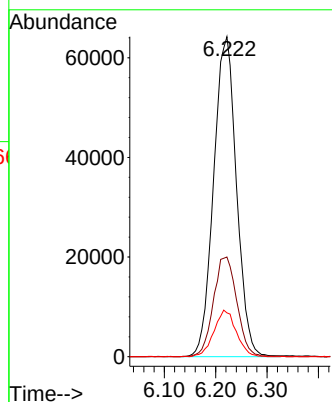
Tgt Ion: 63 Resp: 198098

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.9

83 13.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 25.928 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

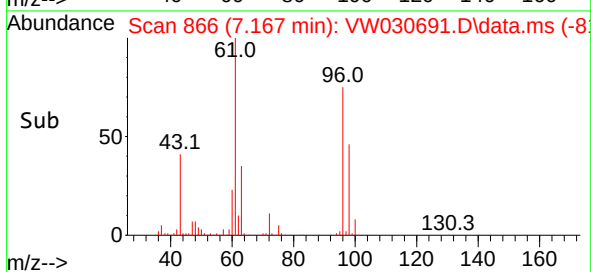
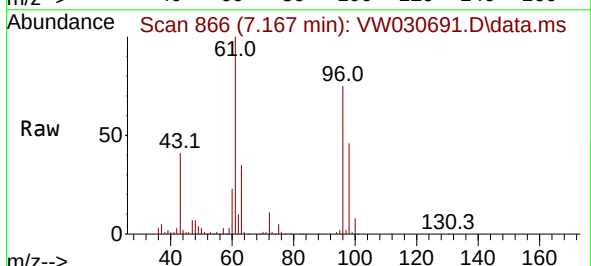
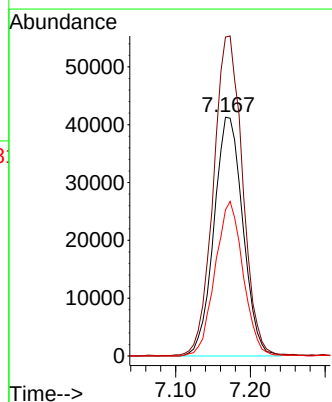
Tgt Ion: 96 Resp: 111407

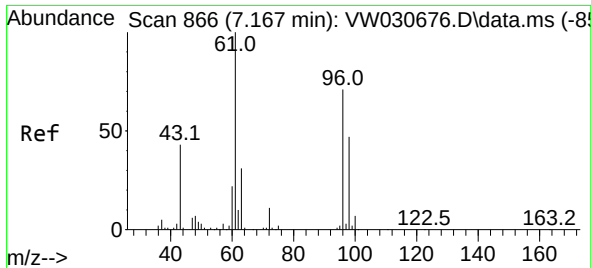
Ion Ratio Lower Upper

96 100

61 133.6 88.3 163.9

98 61.2 41.3 76.7

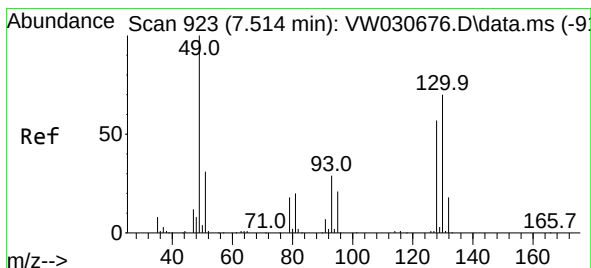
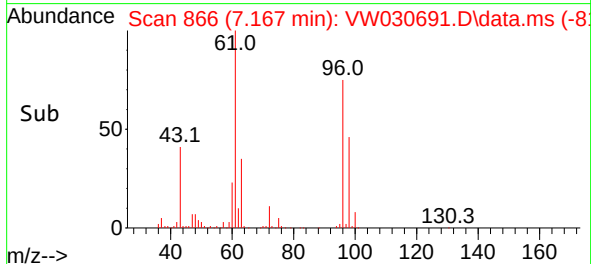
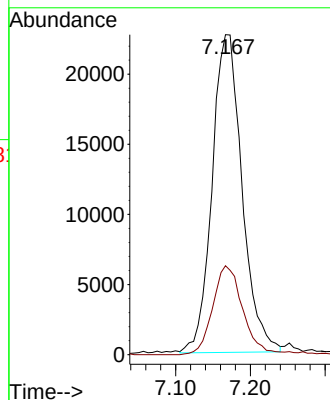
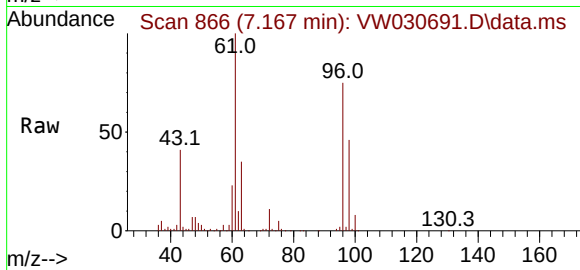




#22
2-Butanone
Concen: 50.935 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

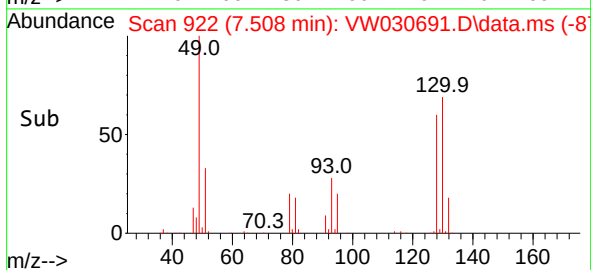
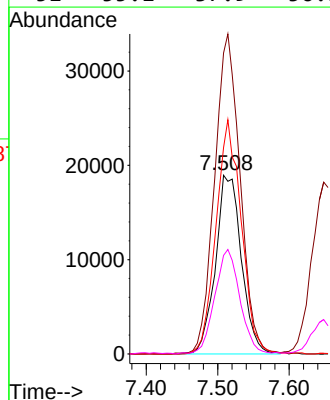
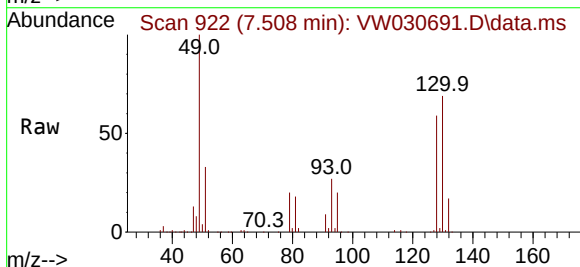
Instrument :
MSVOA_W
ClientSampleId :

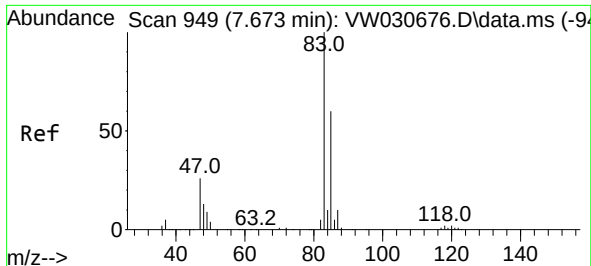
Tgt Ion: 43 Resp: 63270
Ion Ratio Lower Upper
43 100
72 27.9 14.4 43.0



#23
Bromochloromethane
Concen: 25.339 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion: 128 Resp: 47630
Ion Ratio Lower Upper
128 100
49 168.5 110.1 204.5
130 115.5 82.9 153.9
51 55.1 37.9 56.9

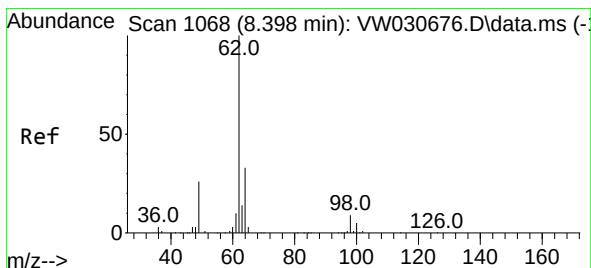
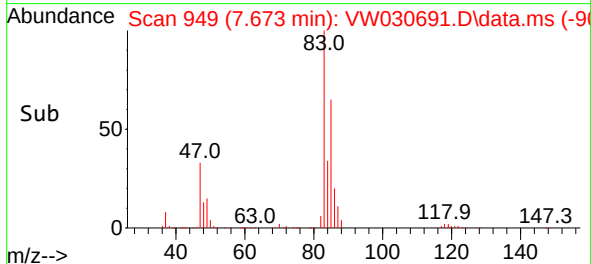
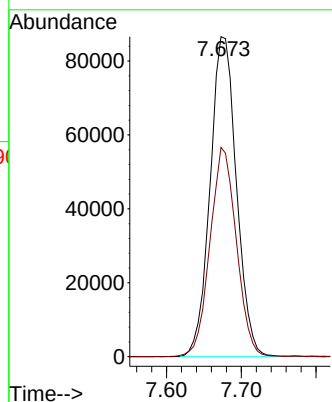
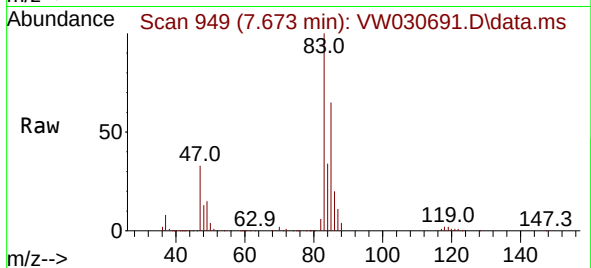




#25
Chloroform
Concen: 26.525 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

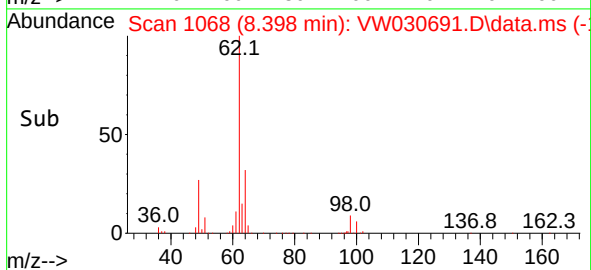
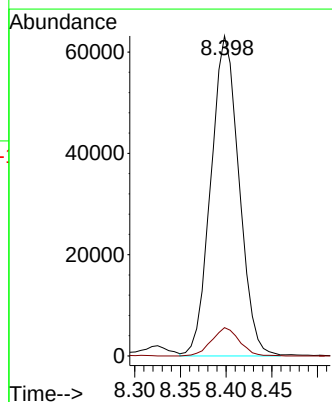
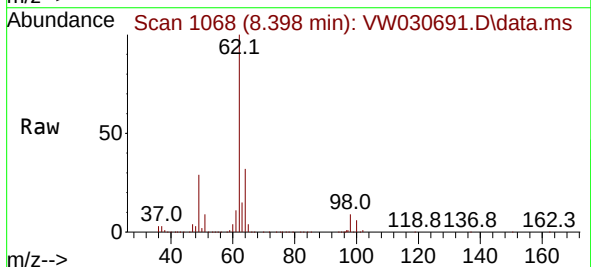
Instrument :
MSVOA_W
ClientSampleId :

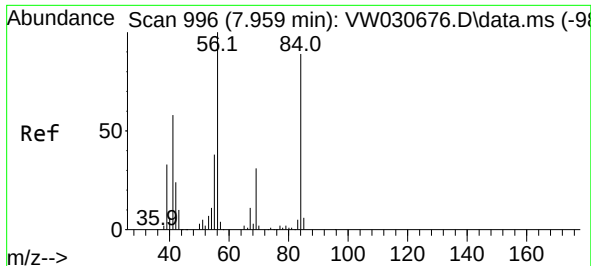
Tgt Ion: 83 Resp: 212233
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.663 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion: 62 Resp: 135460
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6





#29

Cyclohexane

Concen: 24.914 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

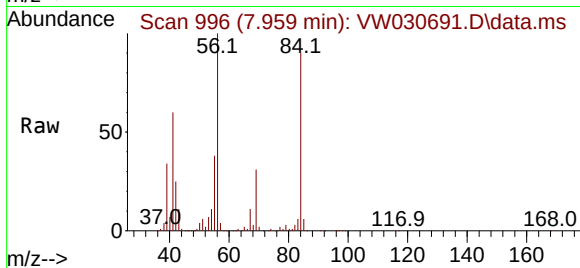
Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :



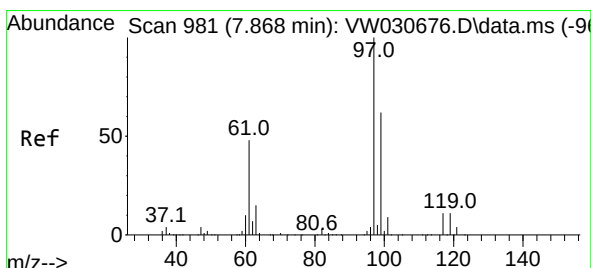
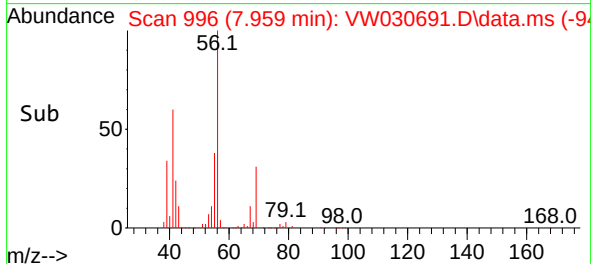
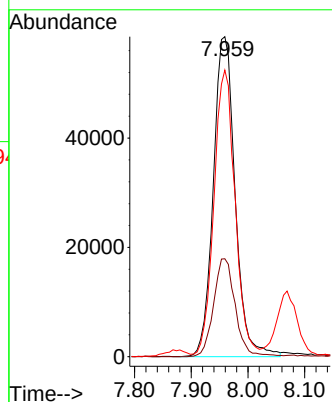
Tgt Ion: 56 Resp: 156706

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.0

84 86.5 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.437 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

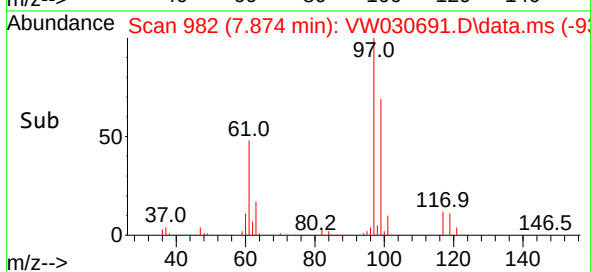
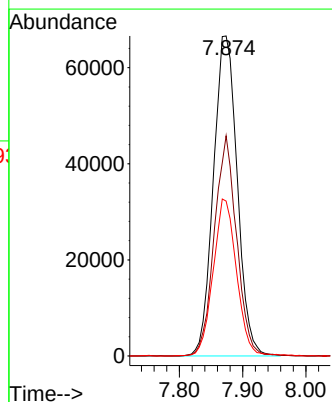
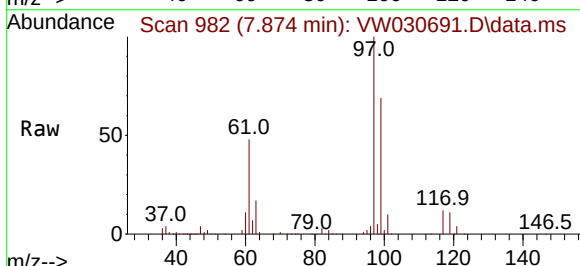
Tgt Ion: 97 Resp: 174484

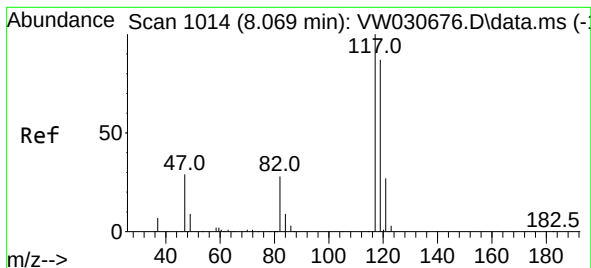
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 48.1 38.5 57.7





#31

Carbon tetrachloride

Concen: 25.245 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

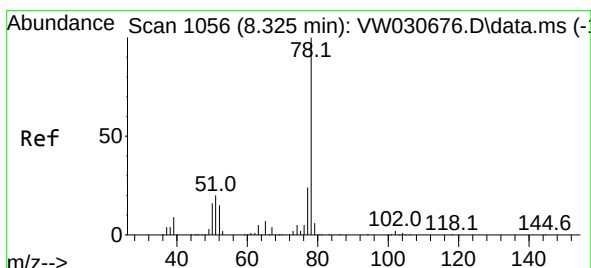
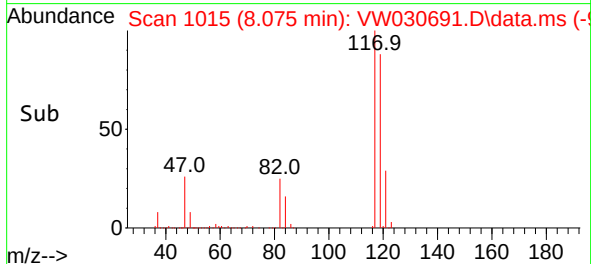
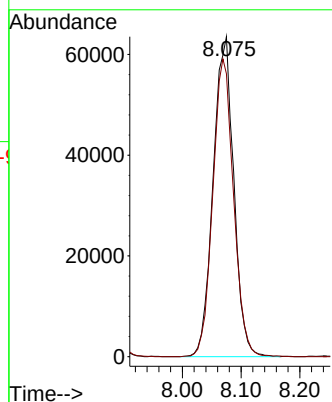
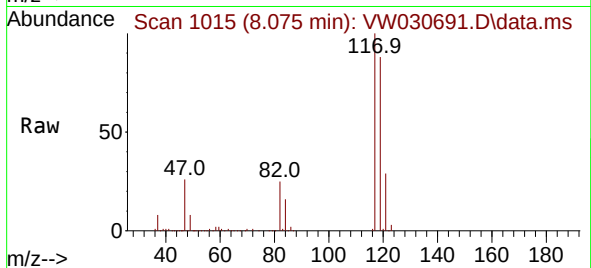
ClientSampleId :

Tgt Ion:117 Resp: 154663

Ion Ratio Lower Upper

117 100

119 93.7 77.8 116.8



#33

Benzene

Concen: 25.803 ug/L

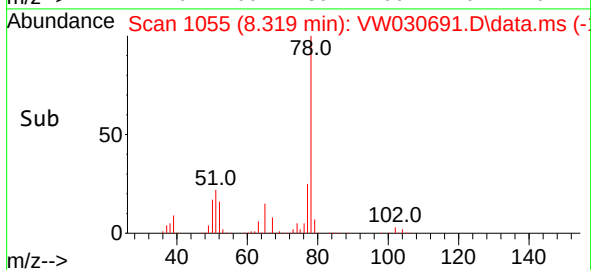
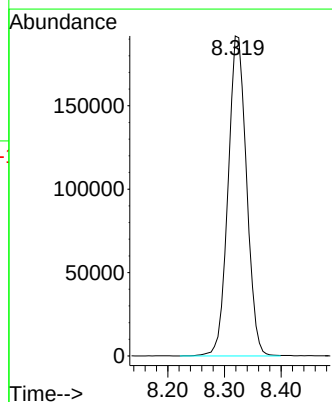
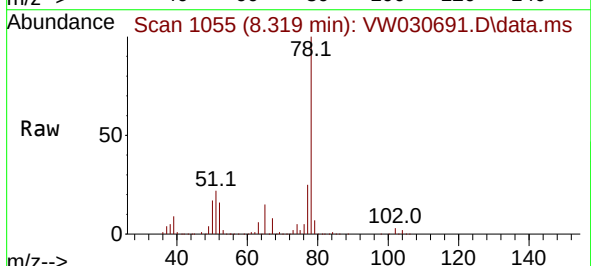
RT: 8.319 min Scan# 1055

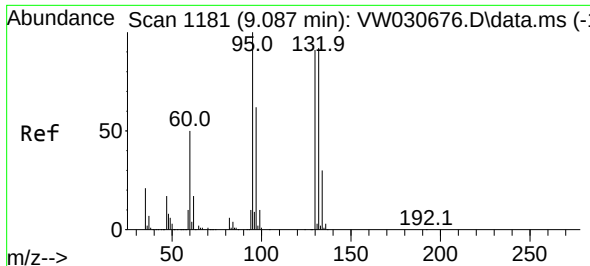
Delta R.T. -0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Tgt Ion: 78 Resp: 433888



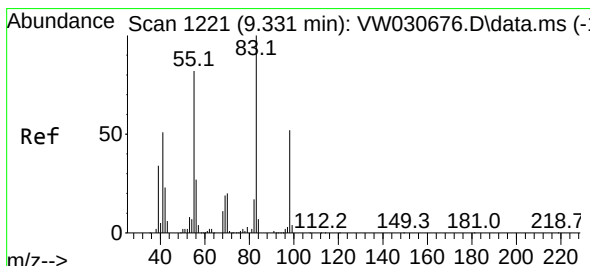
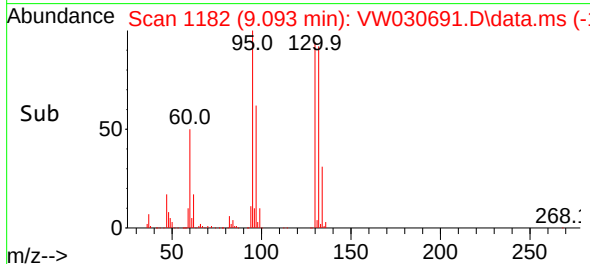
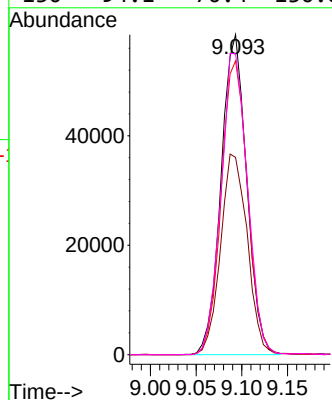
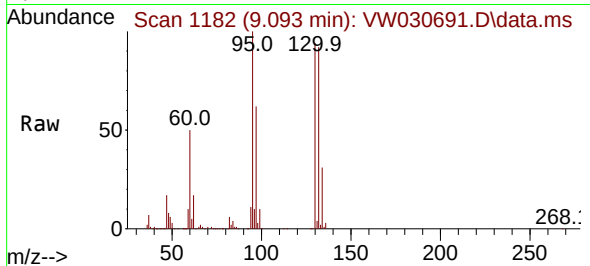


#34
Trichloroethene
Concen: 24.333 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 113831

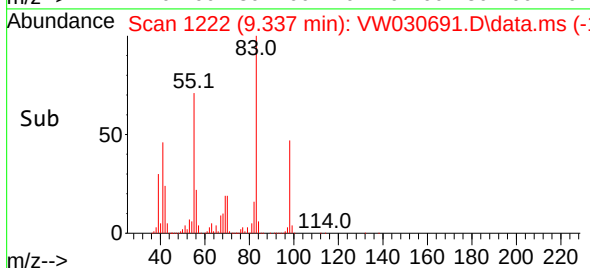
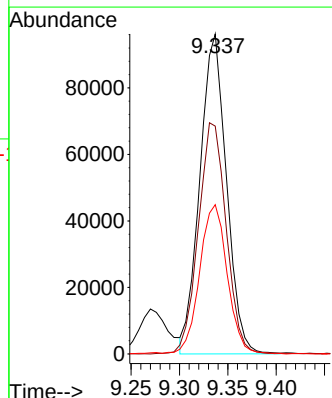
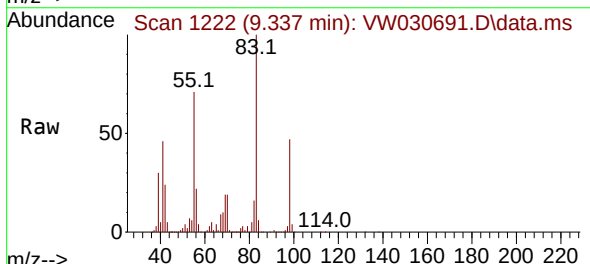
Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.9	85.3
132	91.8	66.4	123.2
130	94.1	70.4	130.8

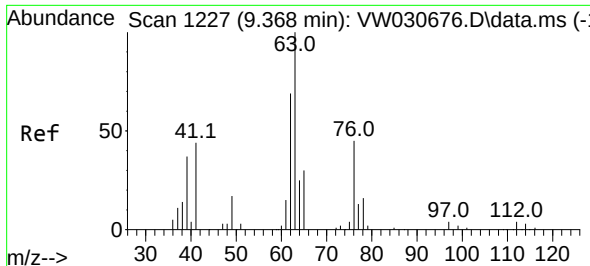


#35
Methylcyclohexane
Concen: 25.049 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion: 83 Resp: 184419

Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.8	92.8
98	48.5	39.3	58.9





#37

1,2-Dichloropropane

Concen: 26.615 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

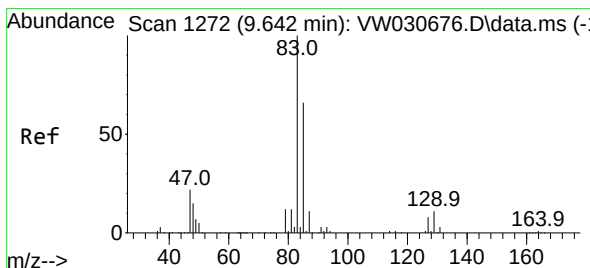
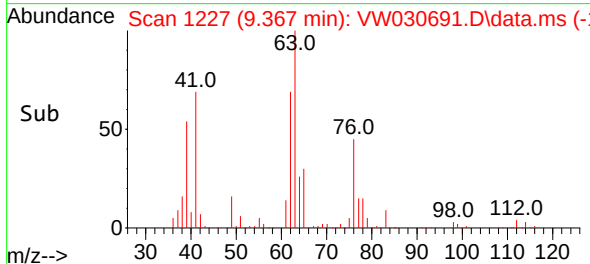
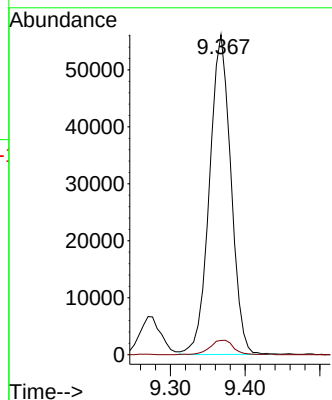
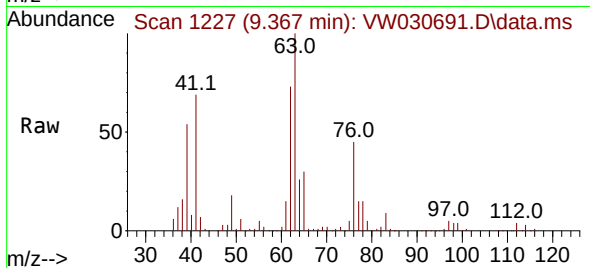
ClientSampleId :

Tgt Ion: 63 Resp: 111774

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 26.594 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

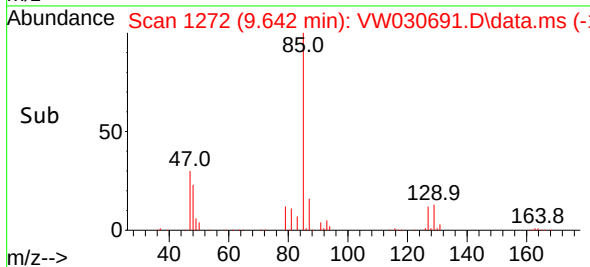
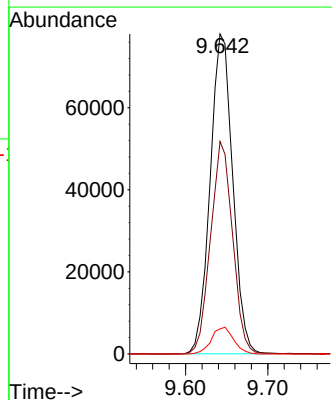
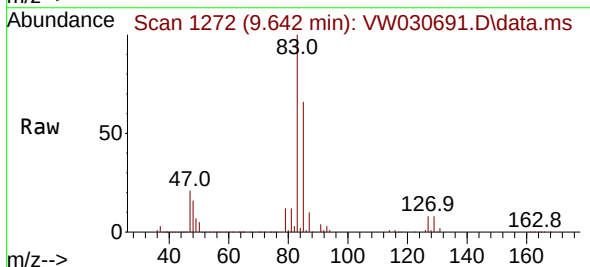
Tgt Ion: 83 Resp: 148598

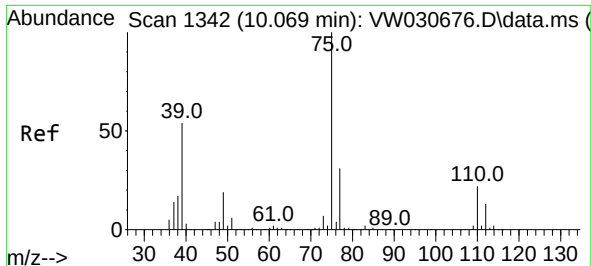
Ion Ratio Lower Upper

83 100

85 66.4 44.2 82.0

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 26.655 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

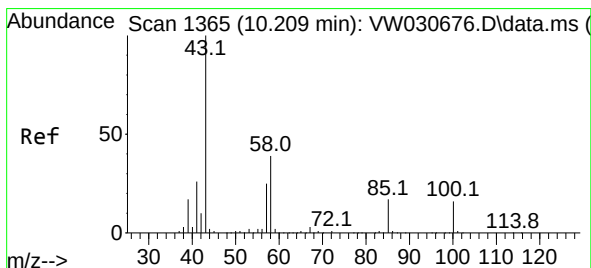
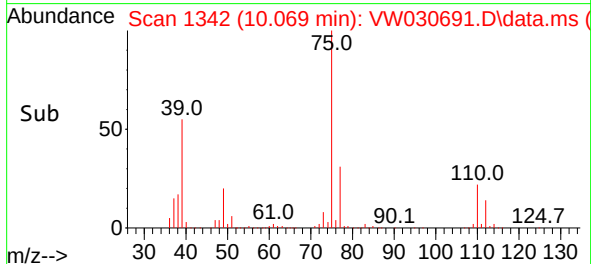
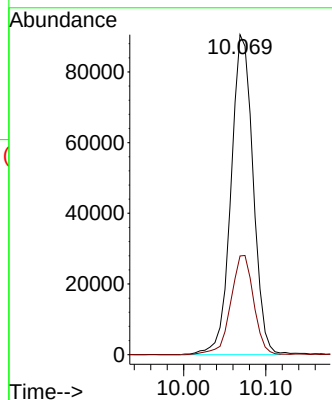
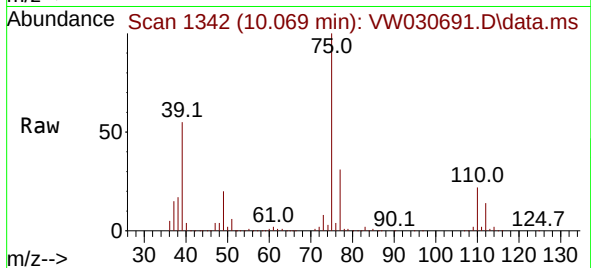
ClientSampleId :

Tgt Ion: 75 Resp: 168850

Ion Ratio Lower Upper

75 100

77 30.9 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 56.342 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

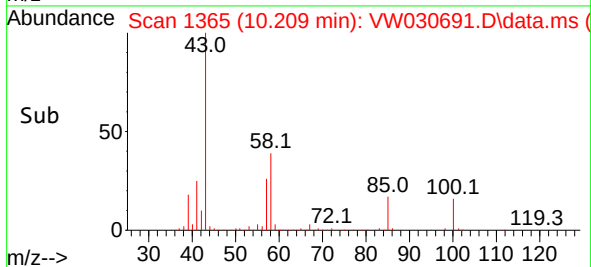
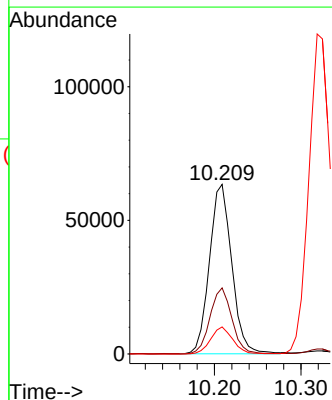
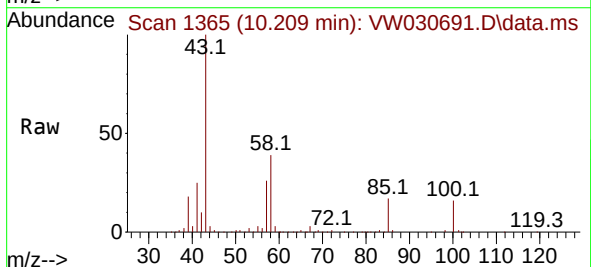
Tgt Ion: 43 Resp: 113674

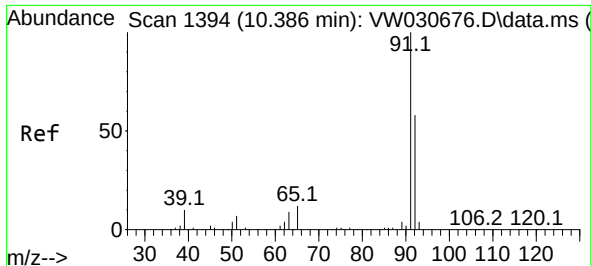
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2

100 15.7 13.1 19.7

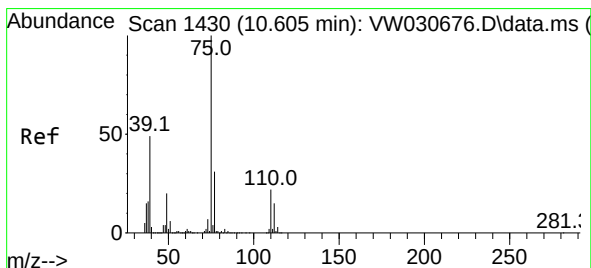
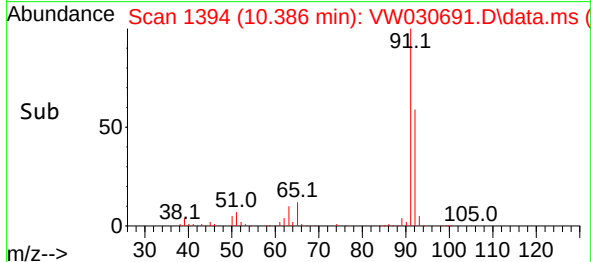
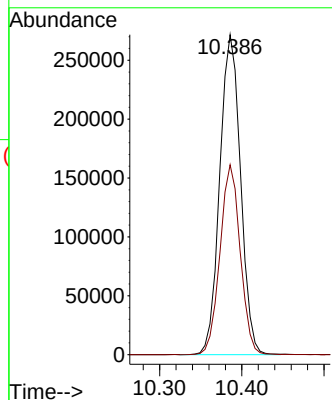
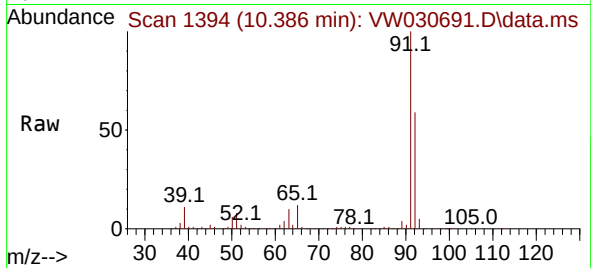




#42
Toluene
Concen: 26.644 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

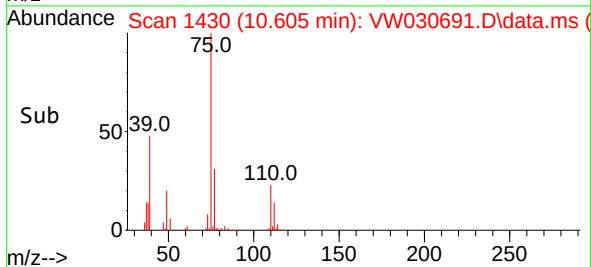
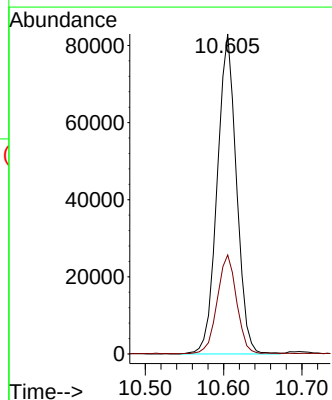
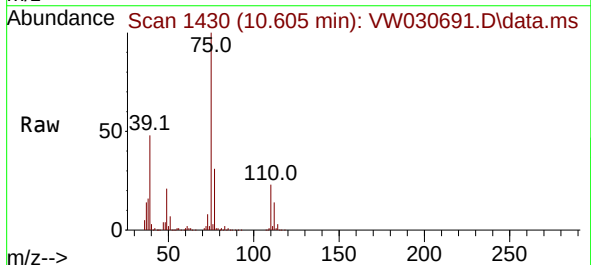
Instrument :
MSVOA_W
ClientSampleId :

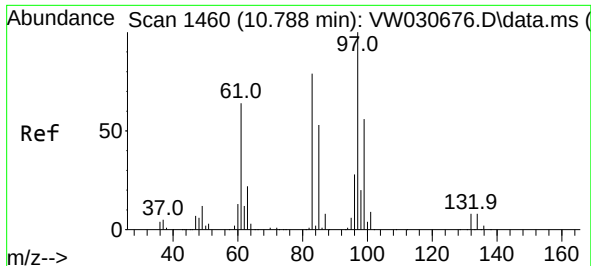
Tgt Ion: 91 Resp: 477980
Ion Ratio Lower Upper
91 100
92 59.3 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 26.657 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion: 75 Resp: 141900
Ion Ratio Lower Upper
75 100
77 31.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 26.740 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 81161

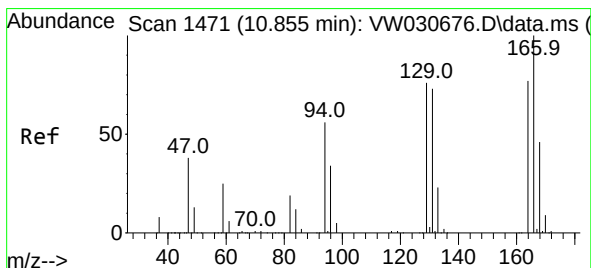
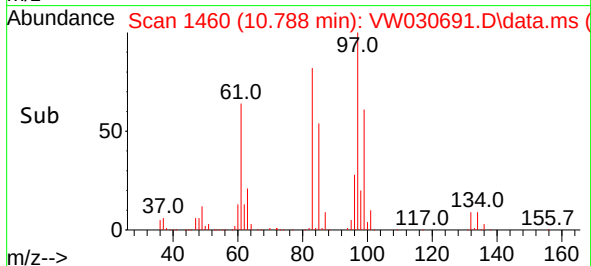
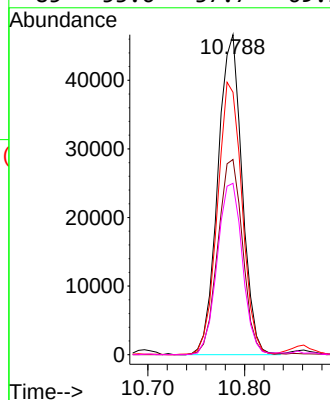
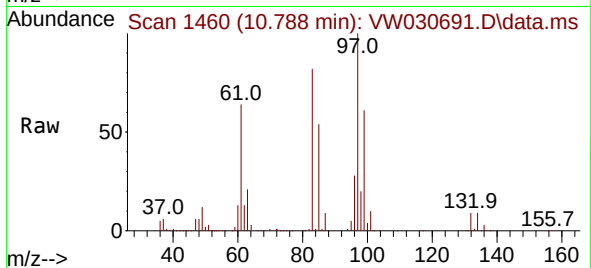
Ion Ratio Lower Upper

97 100

99 61.0 41.2 76.6

83 82.0 59.6 110.6

85 53.6 37.7 69.9



#46

Tetrachloroethene

Concen: 25.080 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Tgt Ion:164 Resp: 86537

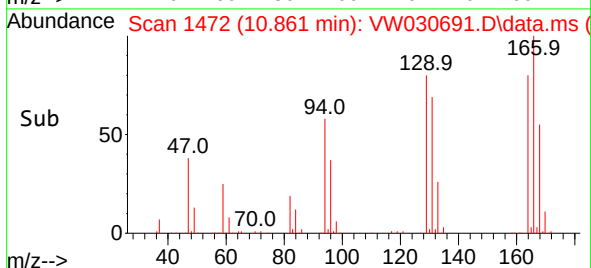
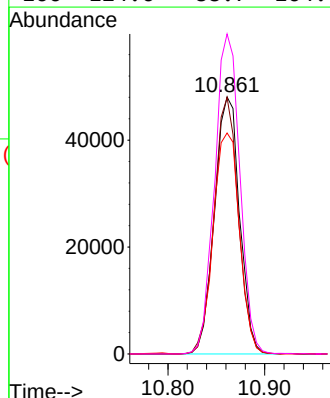
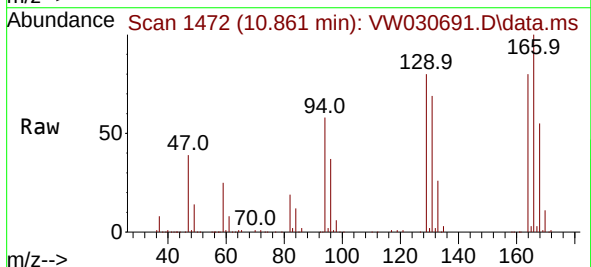
Ion Ratio Lower Upper

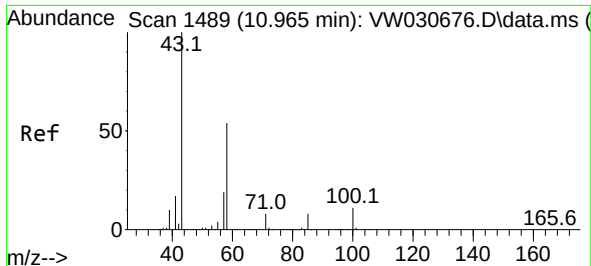
164 100

129 99.8 66.6 123.6

131 86.0 63.7 118.3

166 124.6 88.7 164.7

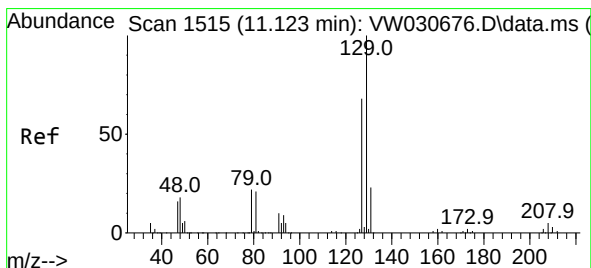
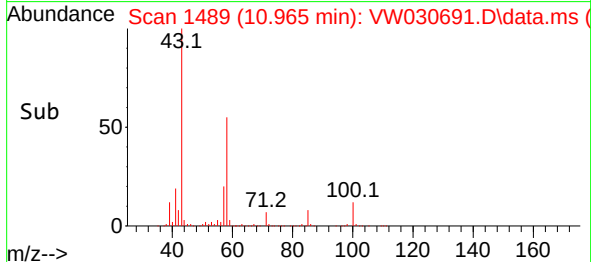
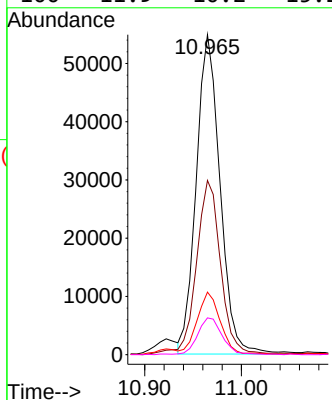
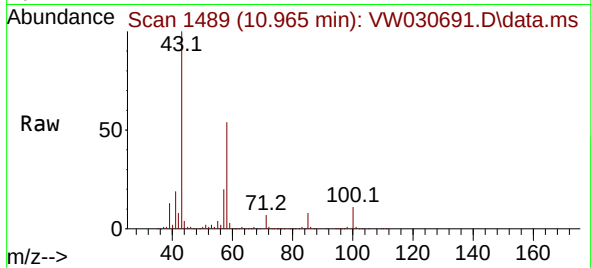




#48
2-Hexanone
Concen: 56.998 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

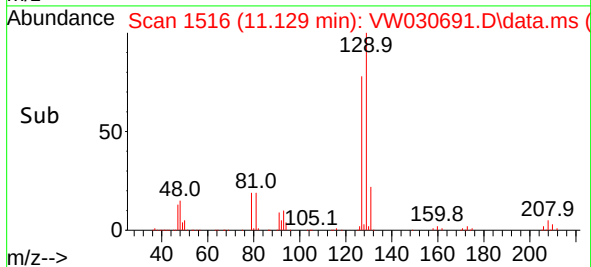
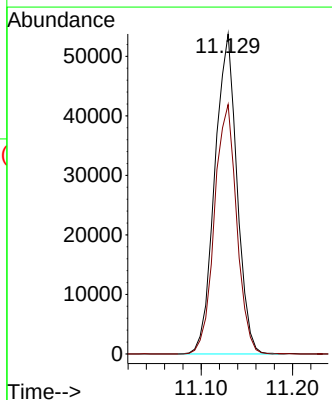
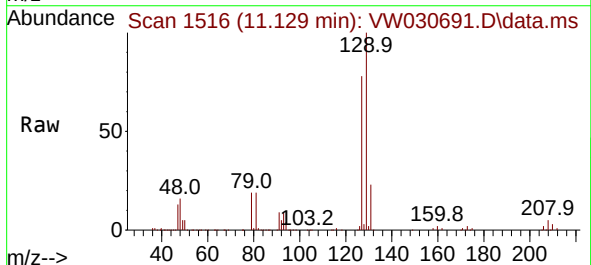
Instrument :
MSVOA_W
ClientSampleId :

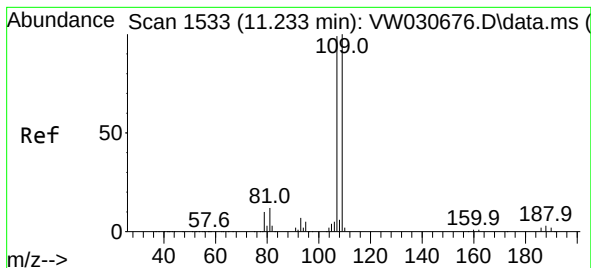
Tgt Ion:	43	Resp:	94042
Ion	Ratio	Lower	Upper
43	100		
58	53.1	44.6	67.0
57	18.9	15.8	23.8
100	11.9	10.2	15.2



#49
Dibromochloromethane
Concen: 26.819 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion:	129	Resp:	90828
Ion	Ratio	Lower	Upper
129	100		
127	78.0	56.5	104.9

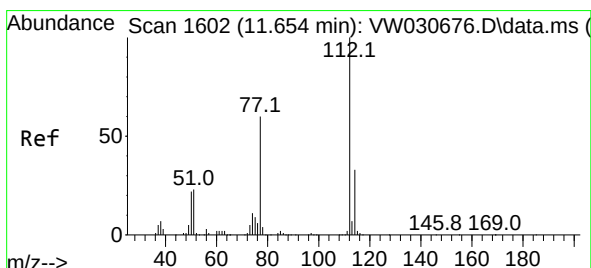
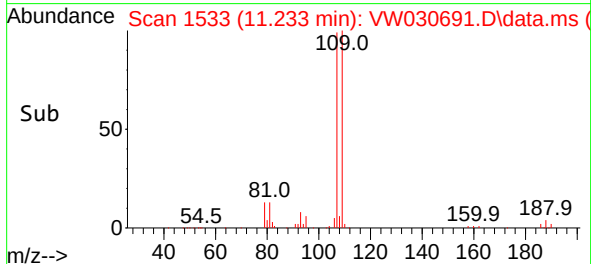
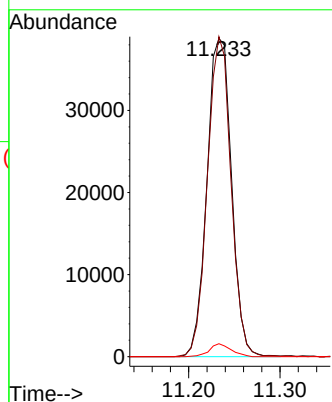
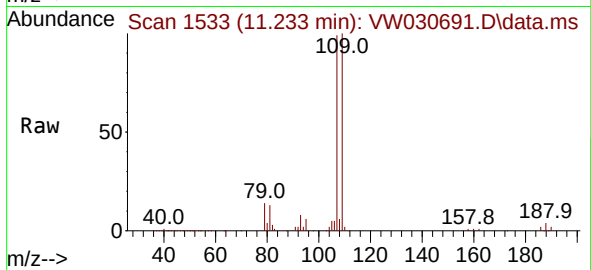




#50
1,2-Dibromoethane
Concen: 25.585 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

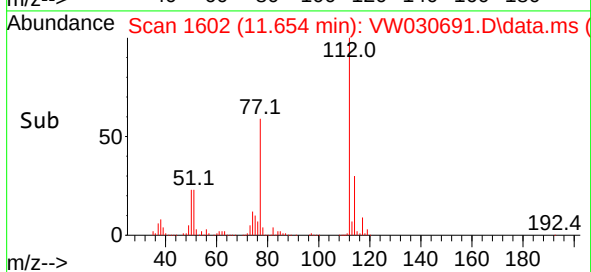
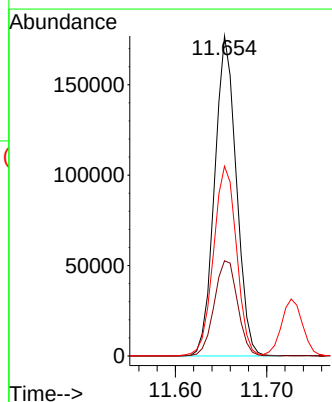
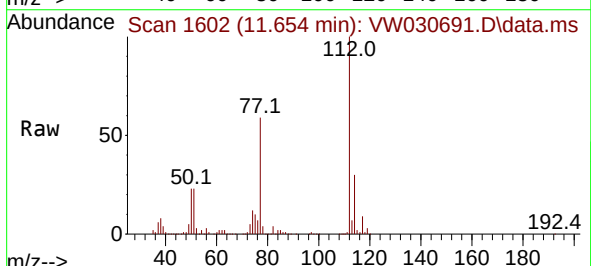
Instrument :
MSVOA_W
ClientSampleId :

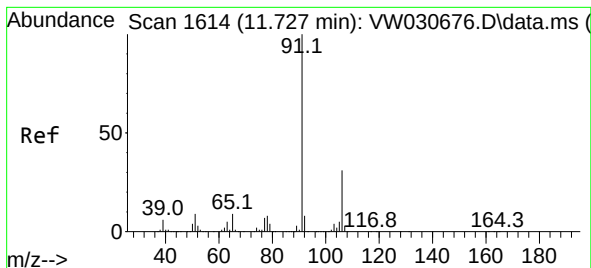
Tgt Ion:107 Resp: 72461
Ion Ratio Lower Upper
107 100
109 100.5 63.8 118.6
188 4.1 2.6 3.8#



#51
Chlorobenzene
Concen: 25.332 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion:112 Resp: 292534
Ion Ratio Lower Upper
112 100
114 29.8 22.4 41.6
77 59.3 47.1 70.7

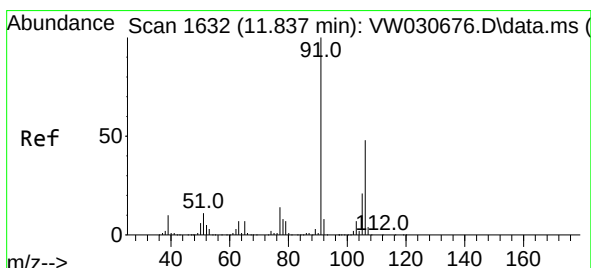
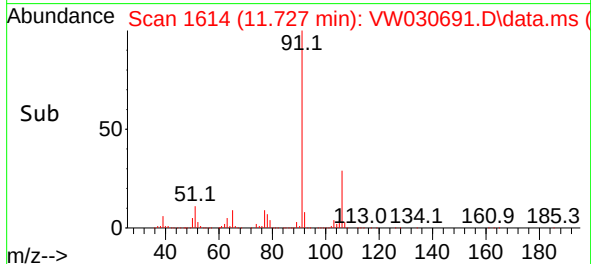
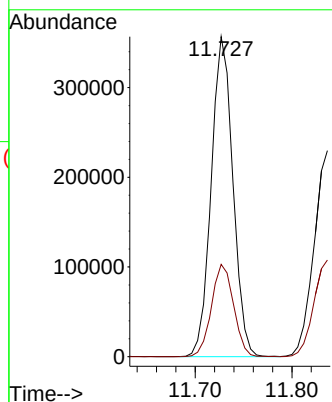
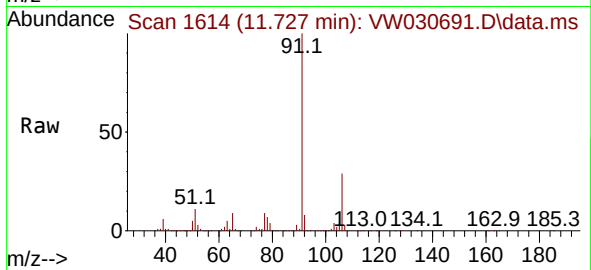




#52
Ethylbenzene
Concen: 27.169 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

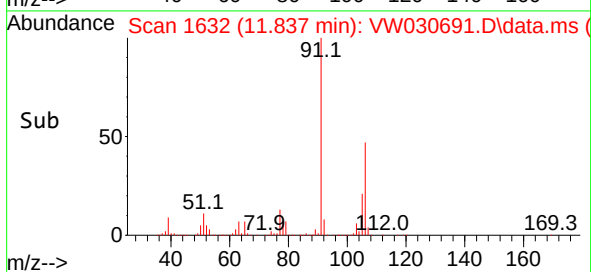
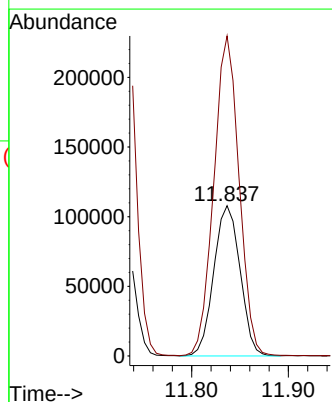
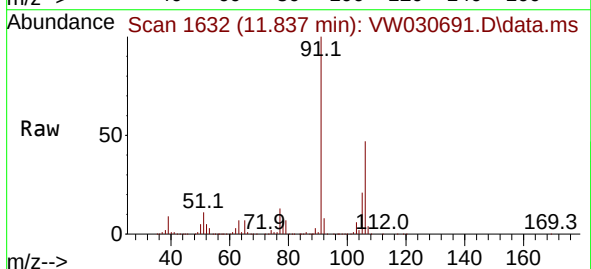
Instrument :
MSVOA_W
ClientSampleId :

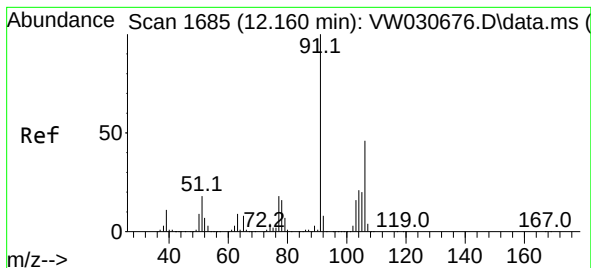
Tgt Ion: 91 Resp: 556145
Ion Ratio Lower Upper
91 100
106 28.9 21.1 39.1



#53
m,p-Xylene
Concen: 26.539 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion:106 Resp: 203527
Ion Ratio Lower Upper
106 100
91 213.1 140.6 261.2





#54

o-Xylene

Concen: 27.166 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

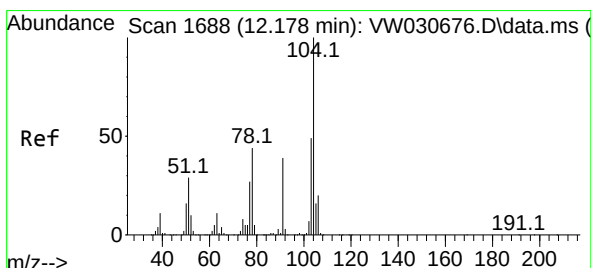
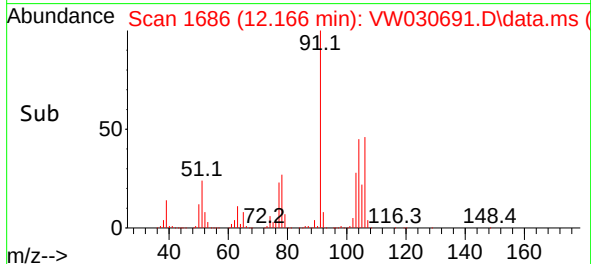
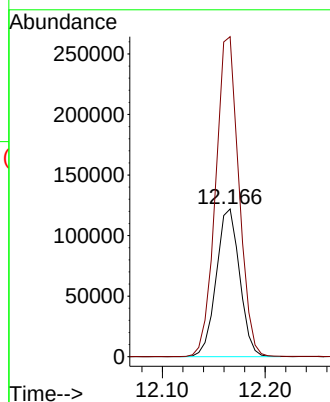
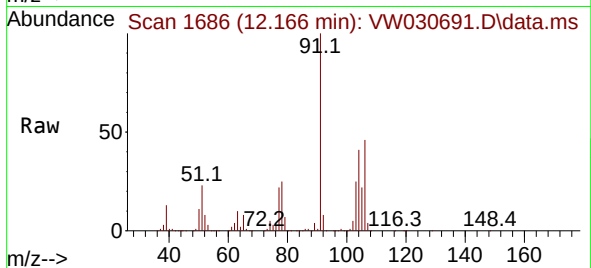
ClientSampleId :

Tgt Ion:106 Resp: 192609

Ion Ratio Lower Upper

106 100

91 216.7 144.5 268.4



#55

Styrene

Concen: 27.952 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030691.D

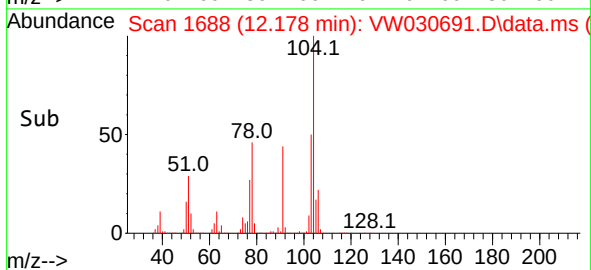
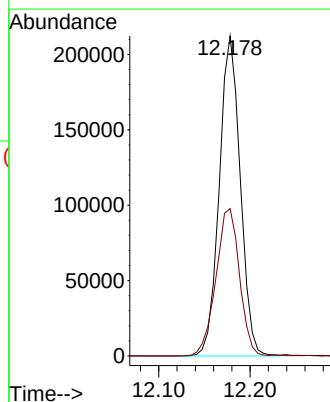
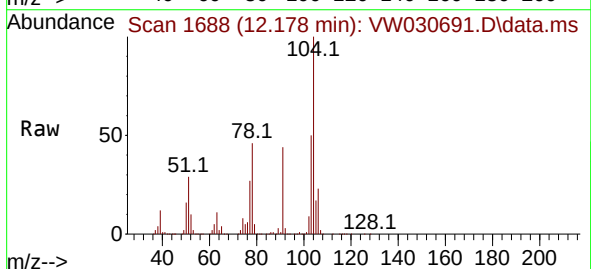
Acq: 22 Oct 2024 09:07

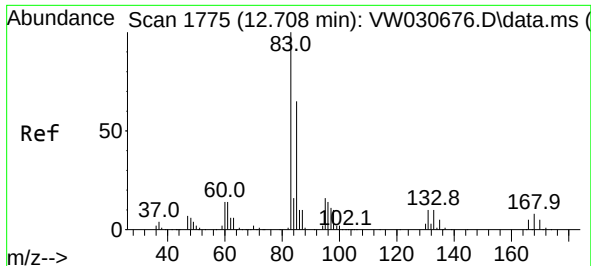
Tgt Ion:104 Resp: 338790

Ion Ratio Lower Upper

104 100

78 46.1 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.202 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030691.D

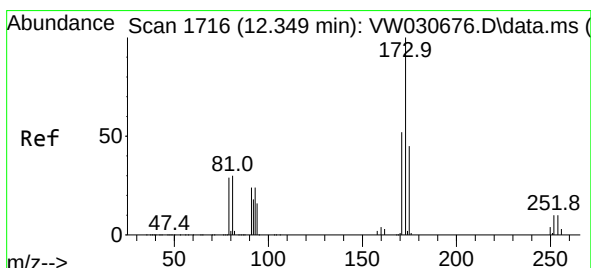
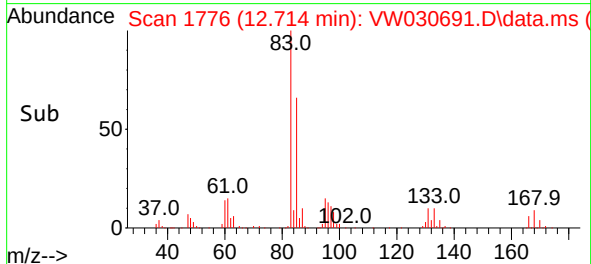
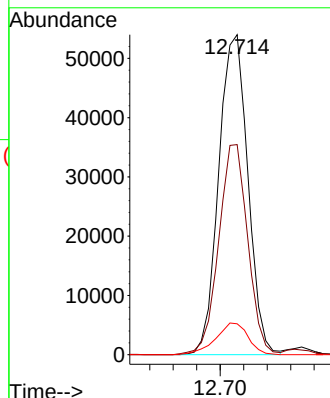
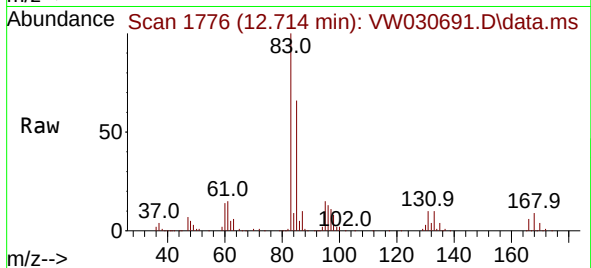
Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	93108
Ion Ratio	Lower	Upper	
83	100		
85	65.7	42.6	79.2
131	9.6	7.4	11.0



#59

Bromoform

Concen: 26.884 ug/L

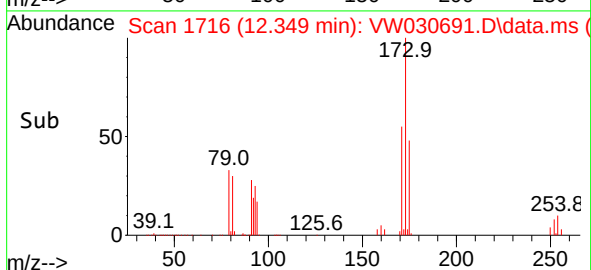
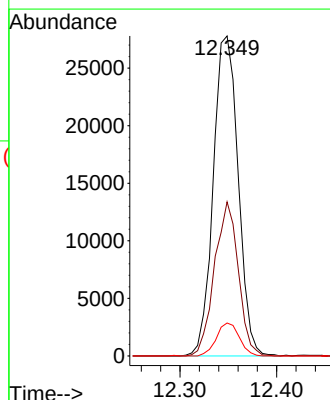
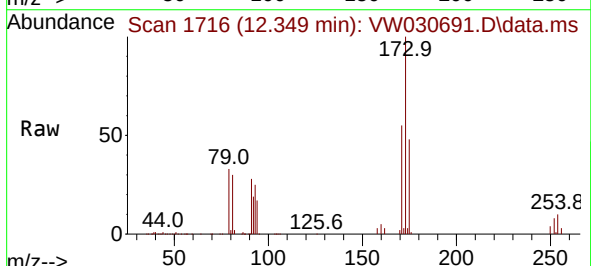
RT: 12.349 min Scan# 1716

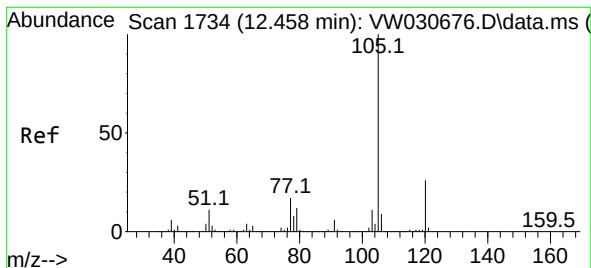
Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Tgt Ion:	173	Resp:	49680
Ion Ratio	Lower	Upper	
173	100		
175	45.9	39.0	58.4
254	9.5	7.7	11.5





#60

Isopropylbenzene

Concen: 26.972 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

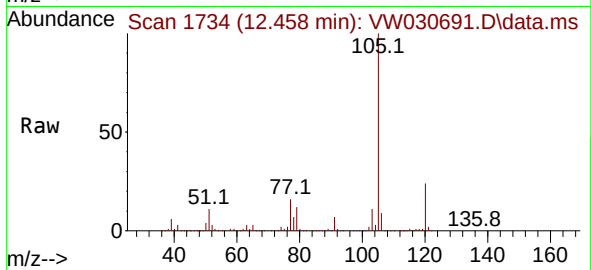
Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :



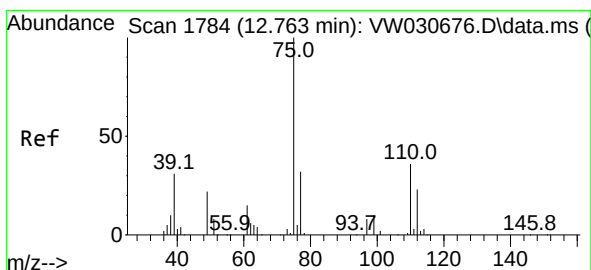
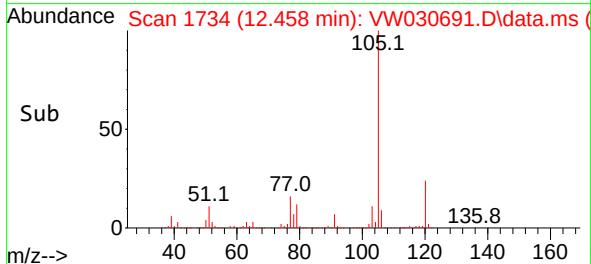
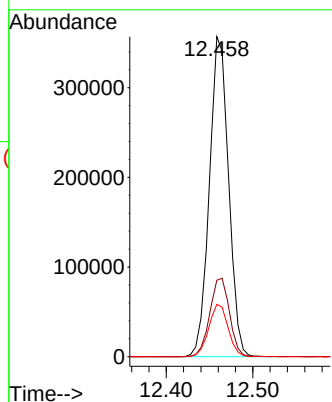
Tgt Ion:105 Resp: 549381

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 16.5 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 25.408 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

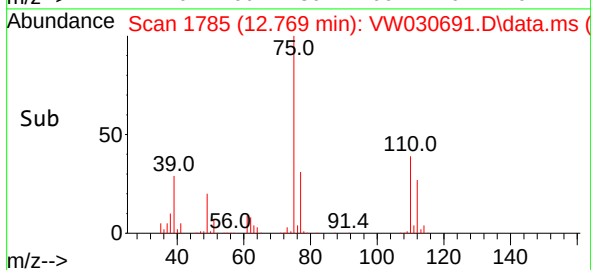
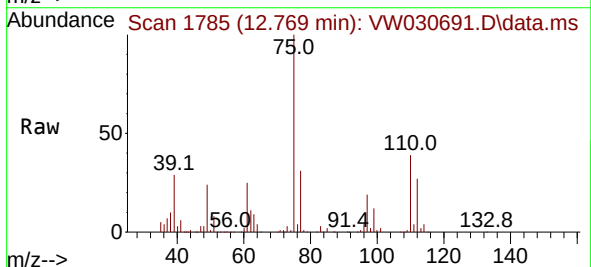
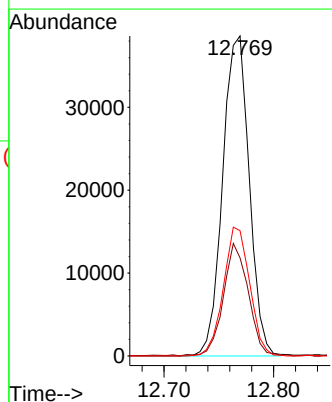
Tgt Ion: 75 Resp: 65029

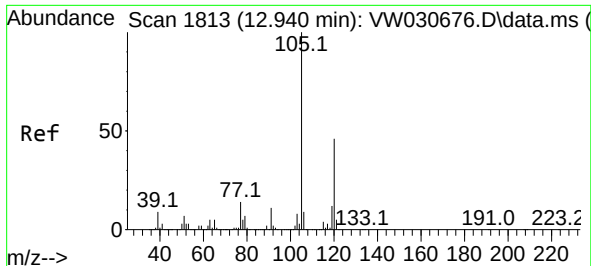
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

110 39.8 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 27.491 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

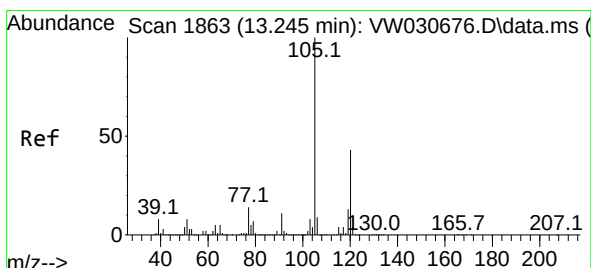
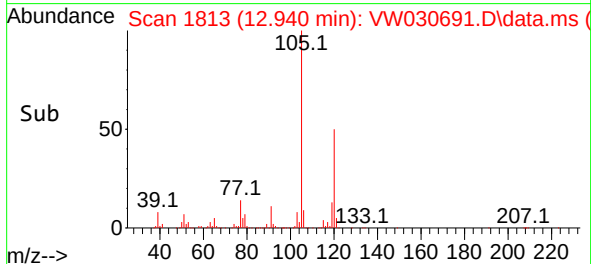
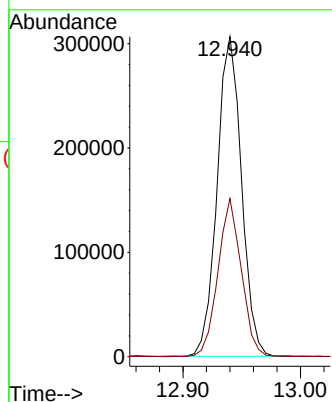
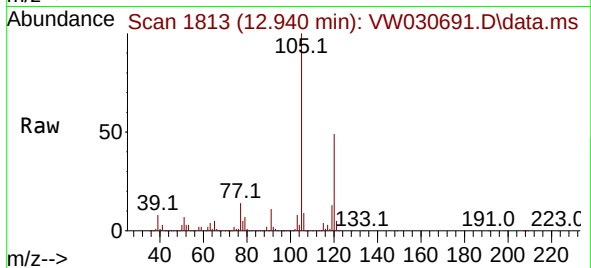
ClientSampleId :

Tgt Ion:105 Resp: 441757

Ion Ratio Lower Upper

105 100

120 47.3 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.579 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030691.D

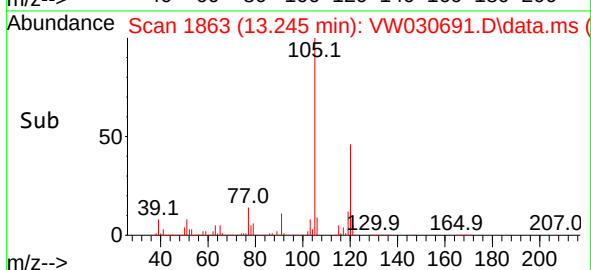
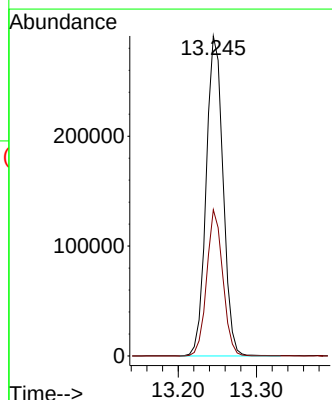
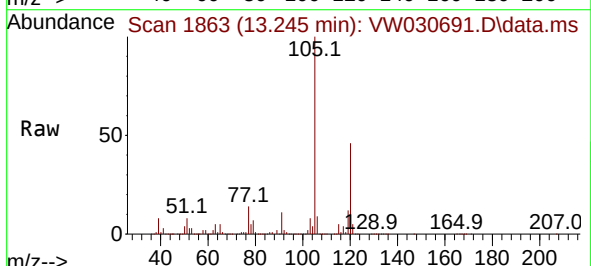
Acq: 22 Oct 2024 09:07

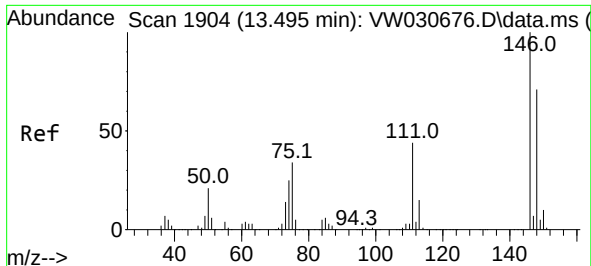
Tgt Ion:105 Resp: 433910

Ion Ratio Lower Upper

105 100

120 43.6 35.8 53.6

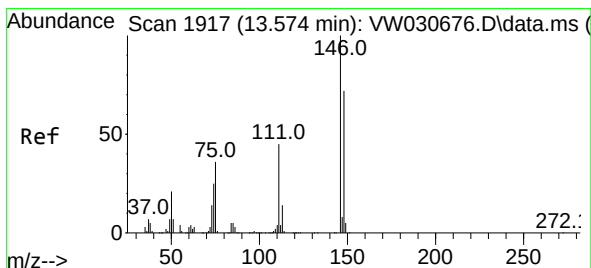
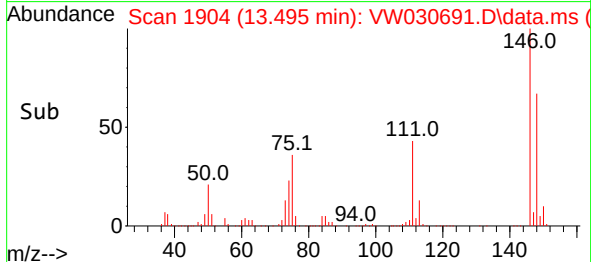
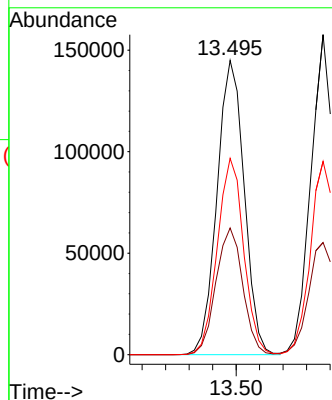
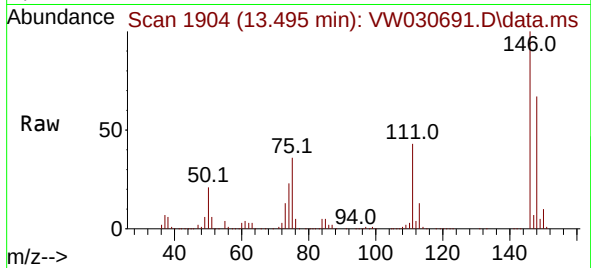




#64
1,3-Dichlorobenzene
Concen: 26.372 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

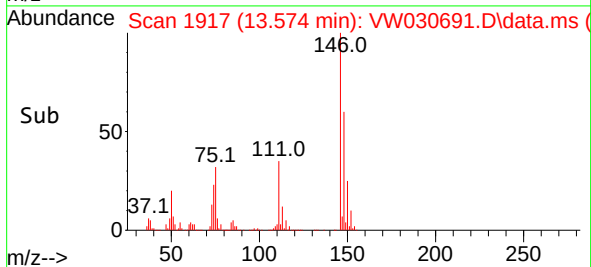
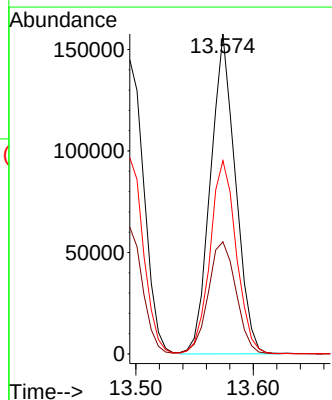
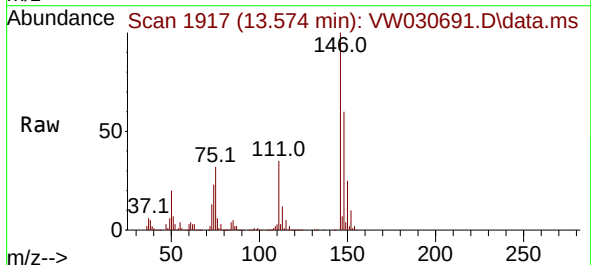
Instrument :
MSVOA_W
ClientSampleId :

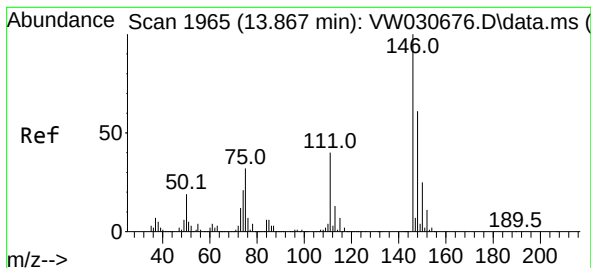
Tgt Ion:146 Resp: 233815
Ion Ratio Lower Upper
146 100
111 43.1 31.2 58.0
148 66.7 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 25.512 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030691.D
Acq: 22 Oct 2024 09:07

Tgt Ion:146 Resp: 233550
Ion Ratio Lower Upper
146 100
111 35.1 26.8 49.8
148 60.4 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 26.034 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :

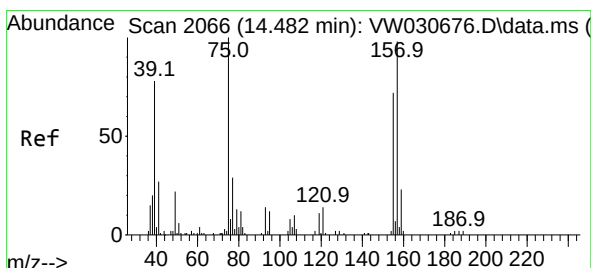
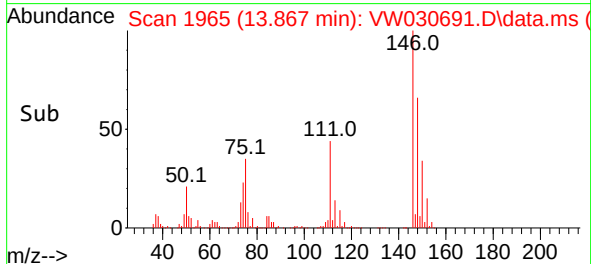
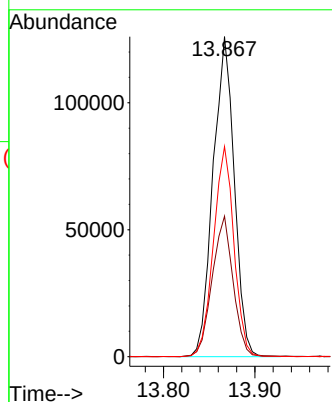
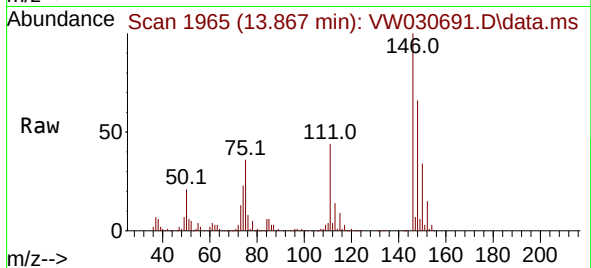
Tgt Ion:146 Resp: 203109

Ion Ratio Lower Upper

146 100

111 43.9 34.6 52.0

148 65.7 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 24.261 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

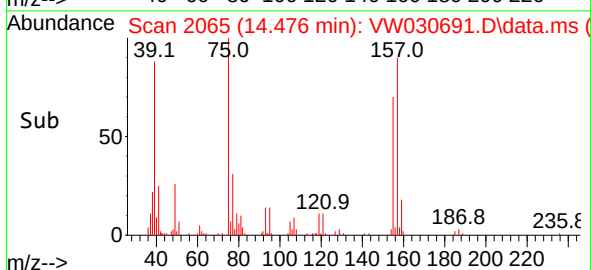
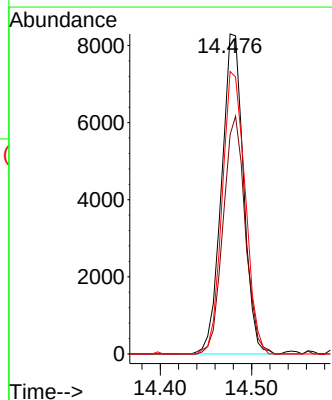
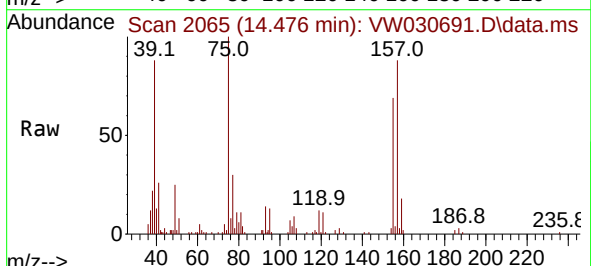
Tgt Ion: 75 Resp: 13845

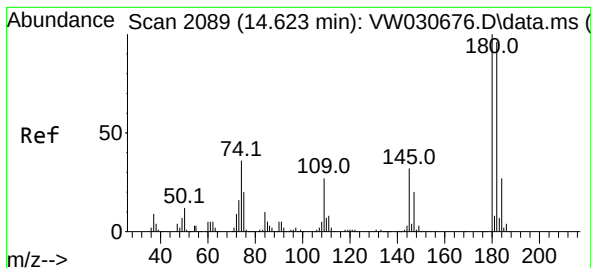
Ion Ratio Lower Upper

75 100

155 68.6 57.9 86.9

157 88.3 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 26.182 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

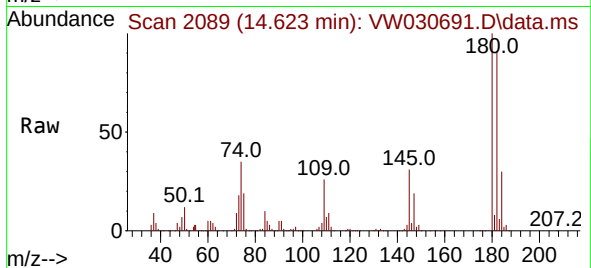
Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 153072

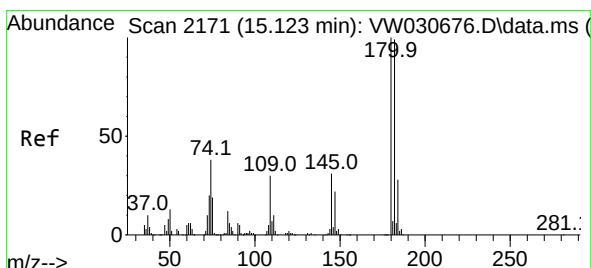
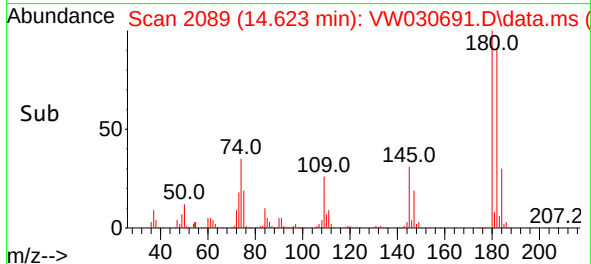
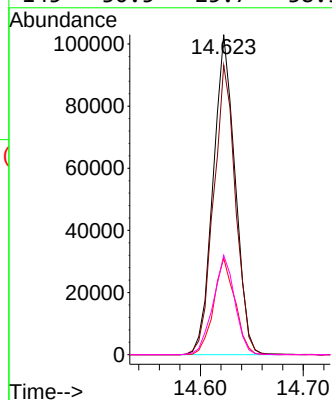
Ion Ratio Lower Upper

180 100

182 90.4 79.9 119.9

184 29.2 25.2 37.8

145 30.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.262 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

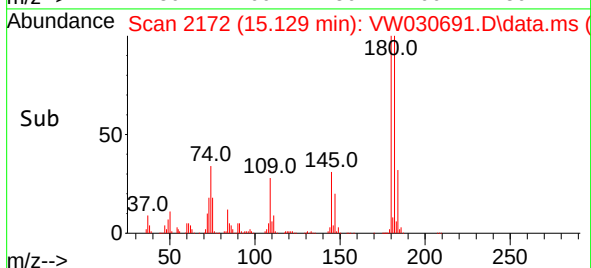
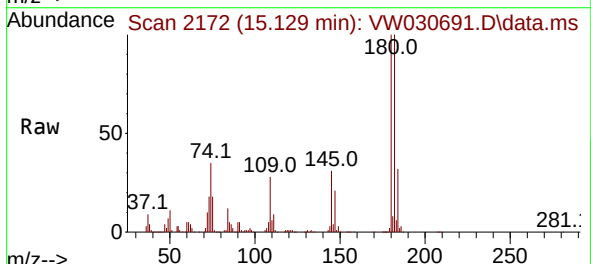
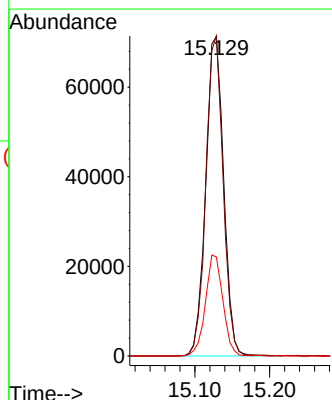
Tgt Ion:180 Resp: 118897

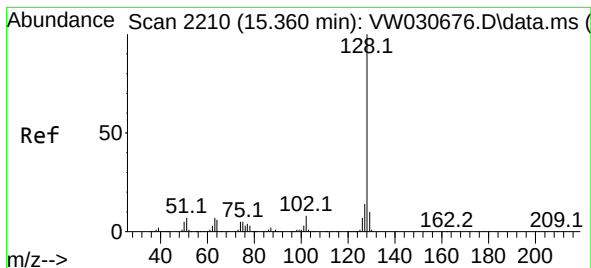
Ion Ratio Lower Upper

180 100

182 96.5 75.2 112.8

145 30.8 25.4 38.2





#71

Naphthalene

Concen: 24.710 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Instrument :

MSVOA_W

ClientSampleId :

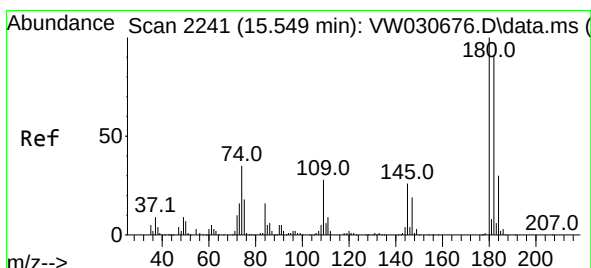
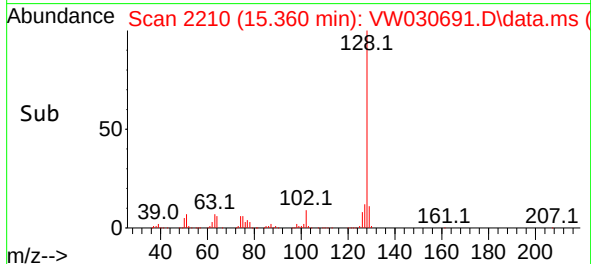
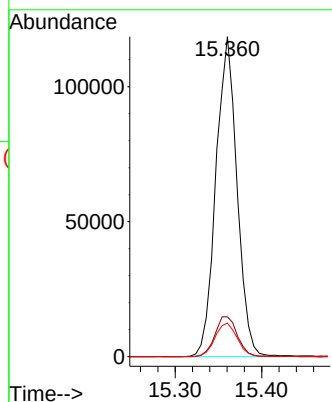
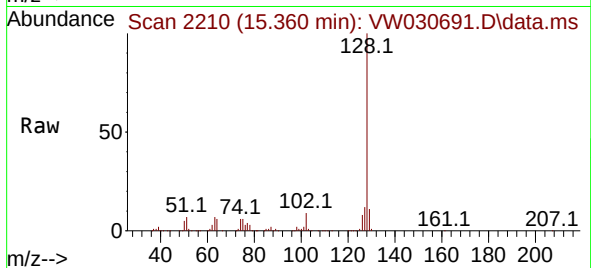
Tgt Ion:128 Resp: 200930

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.941 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030691.D

Acq: 22 Oct 2024 09:07

Tgt Ion:180 Resp: 97686

Ion Ratio Lower Upper

180 100

182 99.4 76.2 114.4

145 35.3 27.4 41.2

