

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111524\
 Data File : VW031020.D
 Acq On : 15 Nov 2024 12:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 00:29:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 04:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	361794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334589	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170040	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	131794	22.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.840%
7) Chloroethane-d5	2.899	69	98062	21.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.021	65	62824	25.659	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.640%
21) 2-Butanone-d5	7.069	46	43744	44.797	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.600%
24) Chloroform-d	7.648	84	266504	24.987	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.307	65	121521	22.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.680%
32) Benzene-d6	8.270	84	542076	26.079	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.320%
36) 1,2-Dichloropropane-d6	9.270	67	151371	24.703	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	10.319	98	492358	26.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.640%
43) trans-1,3-Dichloroprop...	10.575	79	61271	24.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.680%
47) 2-Hexanone-d5	10.922	63	34830	43.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101437	23.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	149346	24.112	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	81585	21.170	ug/L	92
3) Chloromethane	2.222	50	106099	20.432	ug/L	100
5) Vinyl chloride	2.375	62	136654	22.205	ug/L	97
6) Bromomethane	2.789	94	88333	21.860	ug/L	97
8) Chloroethane	2.936	64	82996	22.246	ug/L	97
9) Trichlorofluoromethane	3.271	101	143627	25.573	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	144026	27.855	ug/L	91
12) 1,1-Dichloroethene	4.039	96	136641	29.219	ug/L	91
13) Acetone	4.118	43	69745	58.480	ug/L	94
14) Carbon disulfide	4.387	76	426833	27.765	ug/L	100
15) Methyl Acetate	4.667	43	44262	25.302	ug/L	99
16) Methylene chloride	4.917	84	137769	26.935	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	148395	28.925	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	196649	28.400	ug/L	97
19) 1,1-Dichloroethane	6.216	63	259625	27.119	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	157966	29.025	ug/L	92
22) 2-Butanone	7.167	43	75569	56.581	ug/L	98
23) Bromochloromethane	7.508	128	68138	28.588	ug/L	91
25) Chloroform	7.673	83	273167	27.119	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

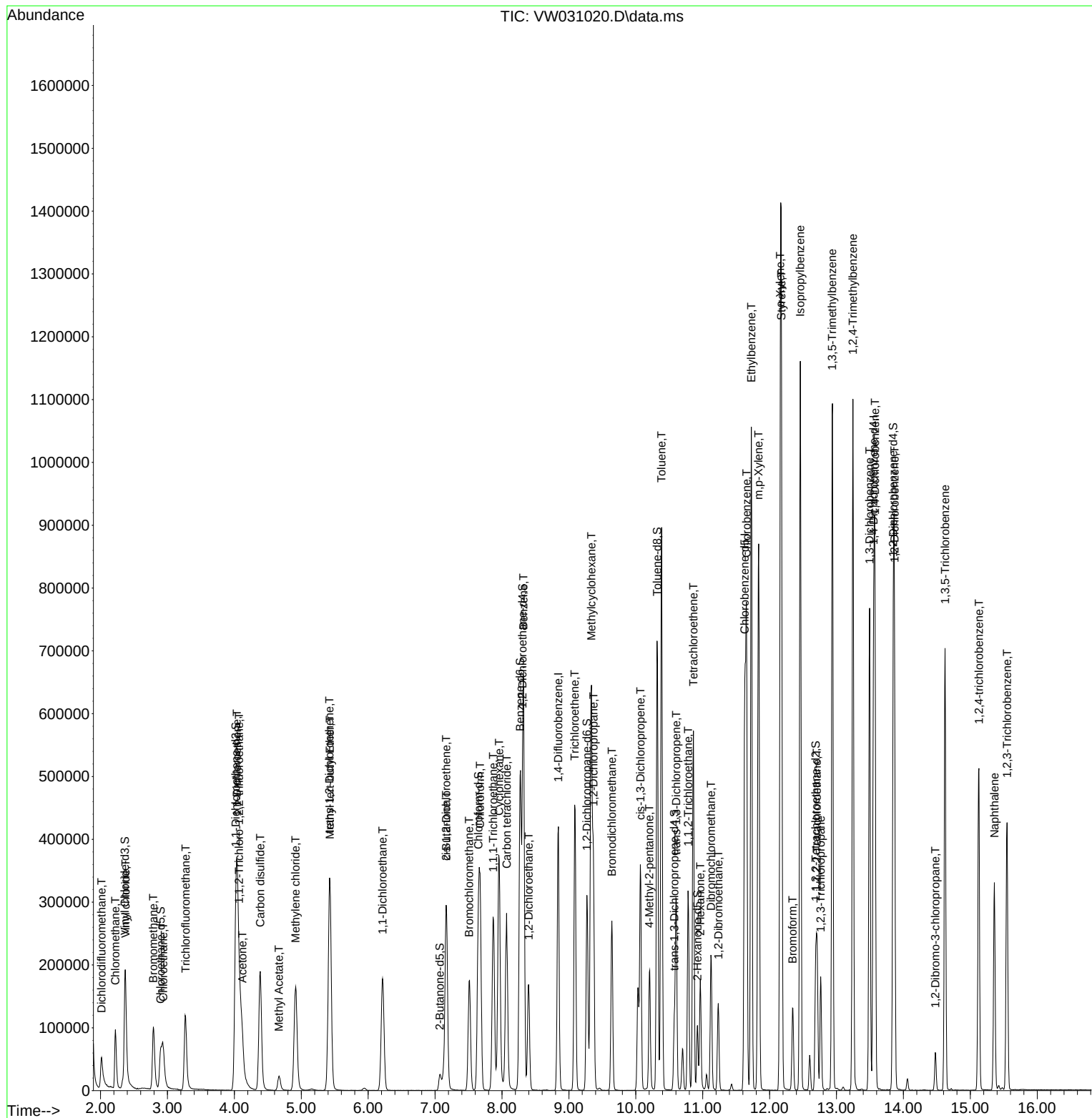
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155144	24.731	ug/L	95
29) Cyclohexane	7.959	56	223658	27.894	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	235479	27.398	ug/L	97
31) Carbon tetrachloride	8.069	117	209741	27.158	ug/L	99
33) Benzene	8.319	78	614836	28.510	ug/L	100
34) Trichloroethene	9.087	95	163149	27.435	ug/L	95
35) Methylcyclohexane	9.337	83	272420	28.903	ug/L	97
37) 1,2-Dichloropropane	9.368	63	147707	27.405	ug/L	98
38) Bromodichloromethane	9.642	83	185573	26.218	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	228531	28.344	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	123306	50.026	ug/L	96
42) Toluene	10.386	91	661028	28.945	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	180605	26.964	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	101932	26.348	ug/L	98
46) Tetrachloroethene	10.861	164	130301	28.661	ug/L	95
48) 2-Hexanone	10.965	43	105610	56.318	ug/L	95
49) Dibromochloromethane	11.123	129	117315	27.813	ug/L	94
50) 1,2-Dibromoethane	11.233	107	98783	27.689	ug/L	92
51) Chlorobenzene	11.654	112	420012	28.737	ug/L	99
52) Ethylbenzene	11.727	91	745286	28.883	ug/L	97
53) m,p-Xylene	11.837	106	289758	29.857	ug/L	99
54) o-Xylene	12.160	106	267318	29.935	ug/L	99
55) Styrene	12.178	104	452284	29.643	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	109501	25.936	ug/L	99
59) Bromoform	12.343	173	62077	25.567	ug/L	95
60) Isopropylbenzene	12.458	105	735669	28.363	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	77834	24.415	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	595213	29.146	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	582584	29.293	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	323629	28.416	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	325934	27.876	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	270700	26.669	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	15471	22.922	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.623	180	221865	29.356	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	175582	29.259	ug/L	99
71) Naphthalene	15.360	128	282356	29.024	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	152385	29.464	ug/L	94

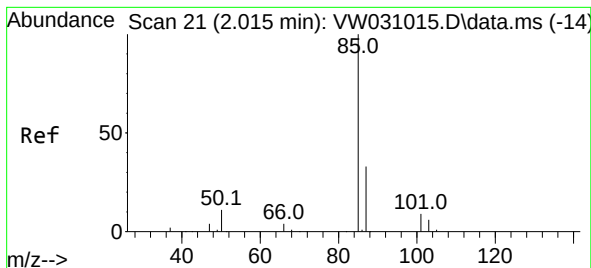
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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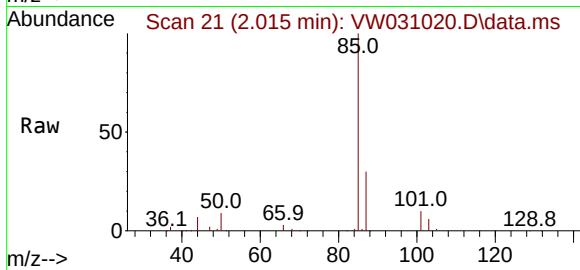
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Quant Title : SFAM01.0
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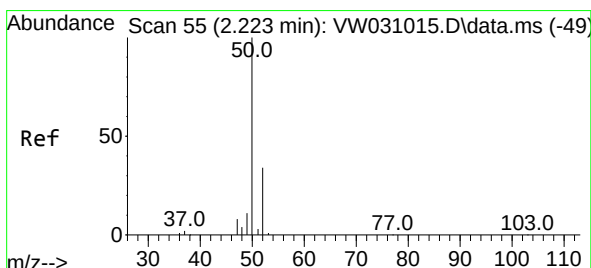
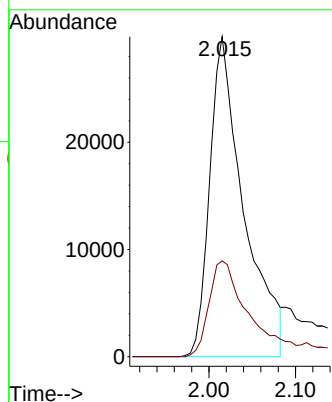
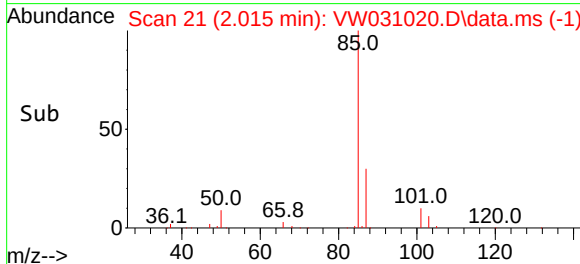


#2
 Dichlorodifluoromethane
 Concen: 21.170 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00

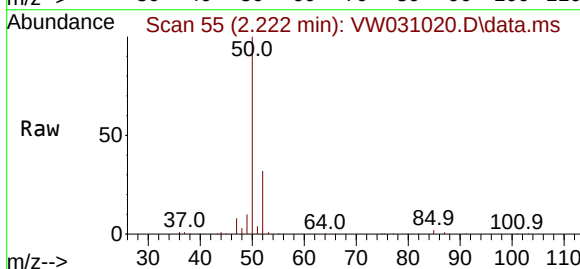
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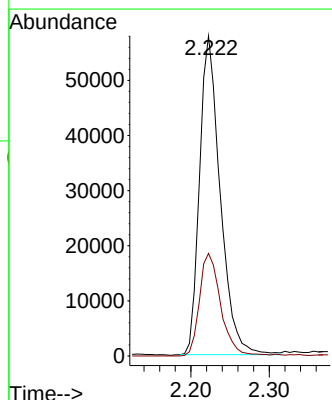
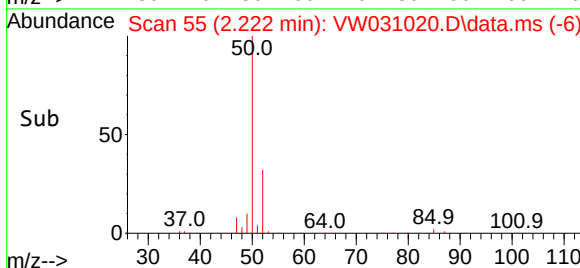
Tgt Ion: 85 Resp: 81585
 Ion Ratio Lower Upper
 85 100
 87 34.6 24.2 36.4

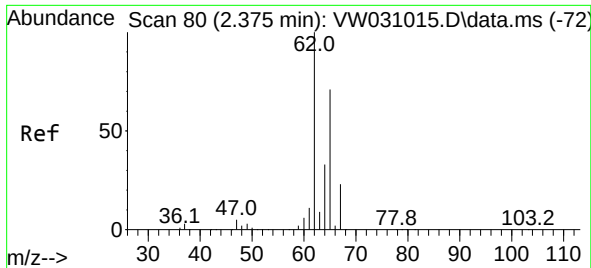


#3
 Chloromethane
 Concen: 20.432 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00



Tgt Ion: 50 Resp: 106099
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.9

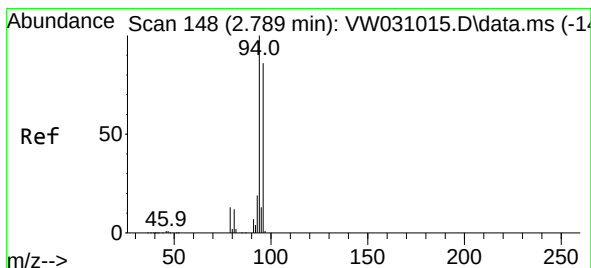
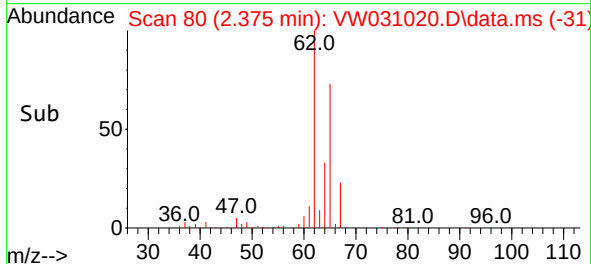
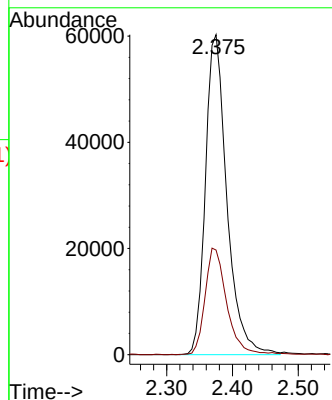
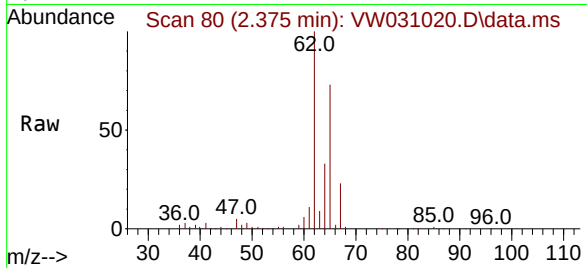




#5
 Vinyl chloride
 Concen: 22.205 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00

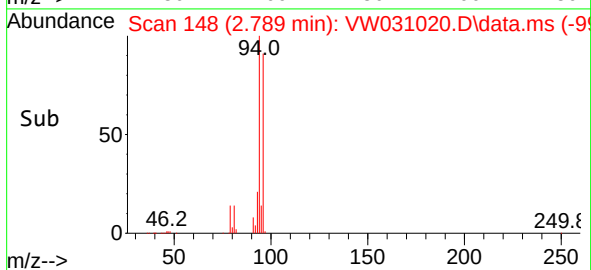
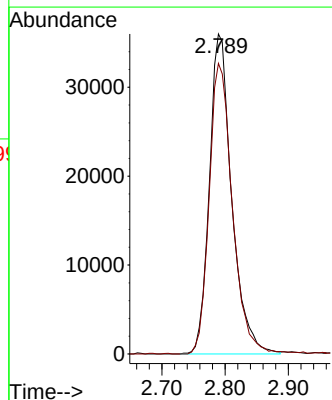
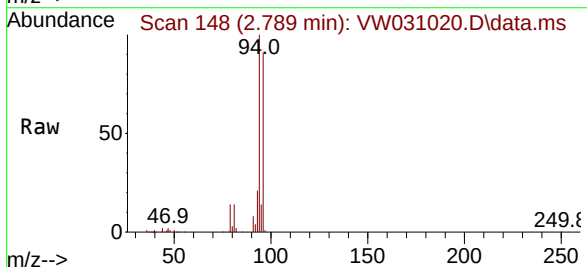
Instrument :
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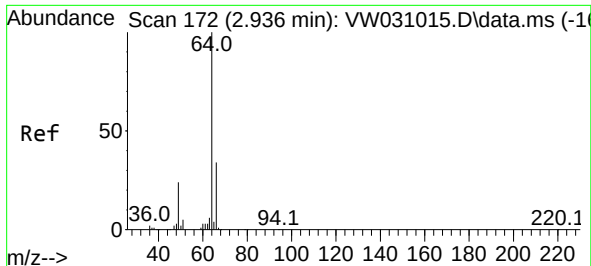
Tgt Ion: 62 Resp: 136654
 Ion Ratio Lower Upper
 62 100
 64 32.7 21.7 40.3



#6
 Bromomethane
 Concen: 21.860 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00

Tgt Ion: 94 Resp: 88333
 Ion Ratio Lower Upper
 94 100
 96 90.8 61.6 114.4

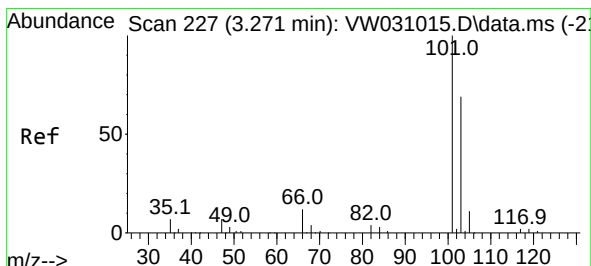
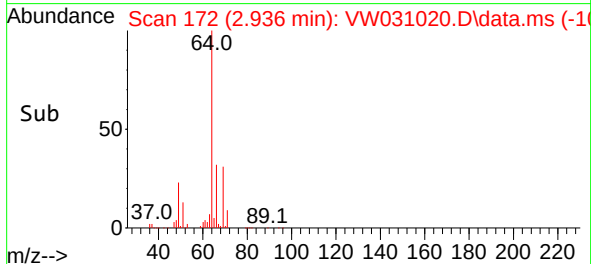
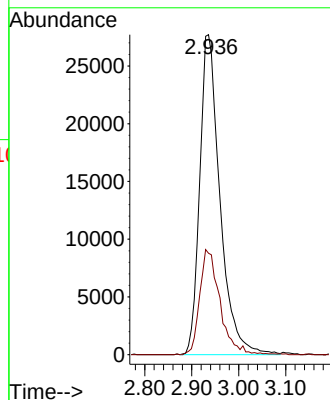
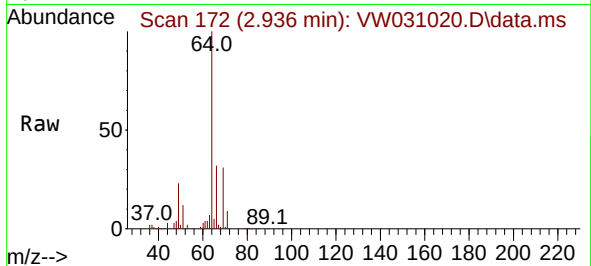




#8
Chloroethane
Concen: 22.246 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

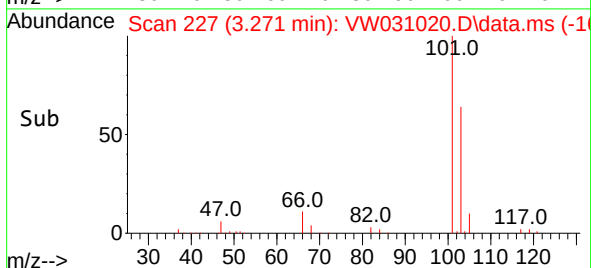
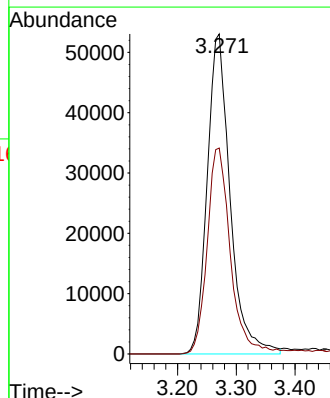
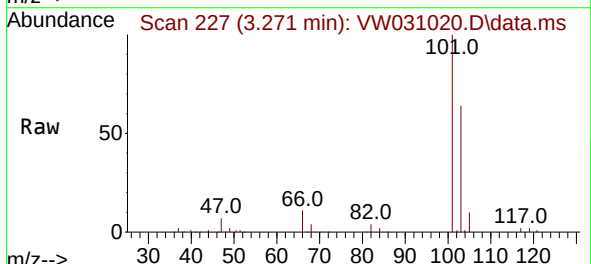
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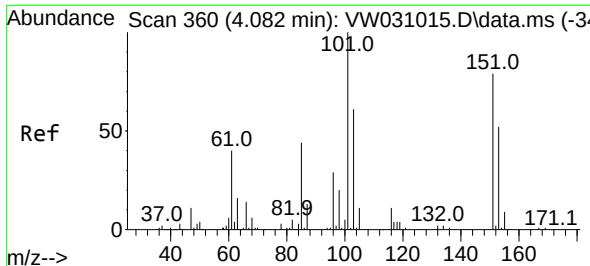
Tgt Ion: 64 Resp: 82996
Ion Ratio Lower Upper
64 100
66 31.7 23.5 43.7



#9
Trichlorofluoromethane
Concen: 25.573 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion:101 Resp: 143627
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

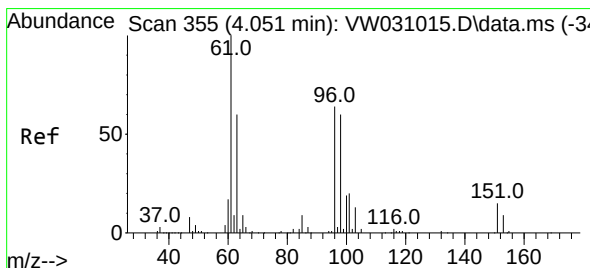
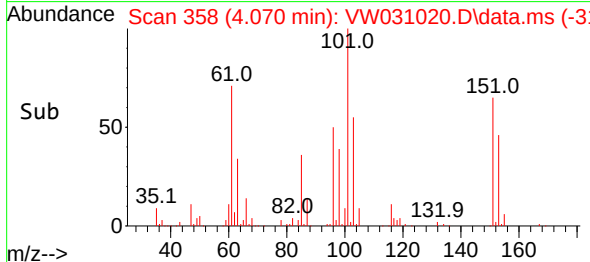
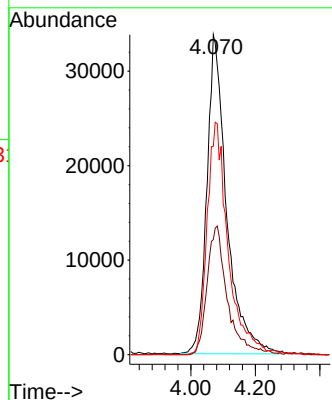
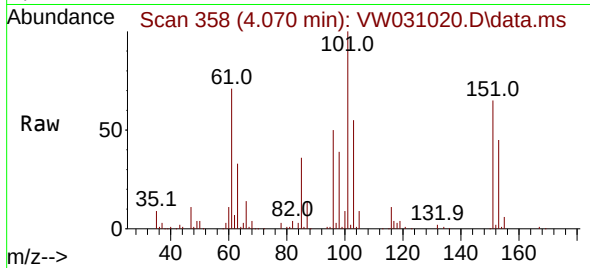




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.855 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00

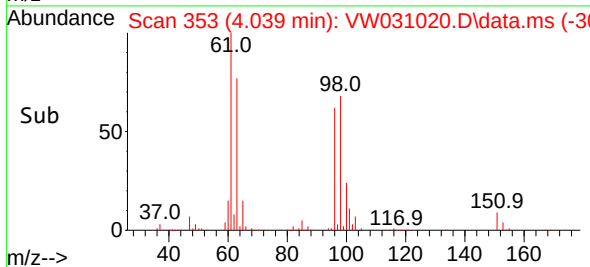
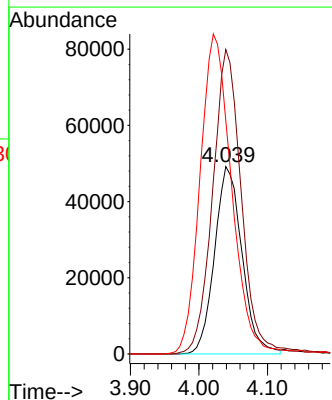
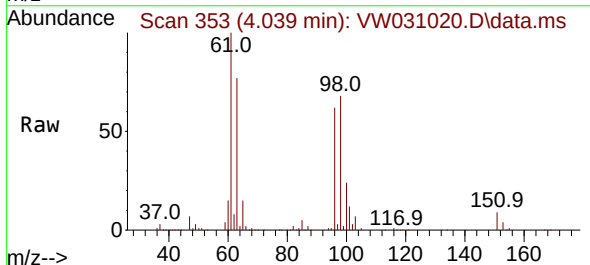
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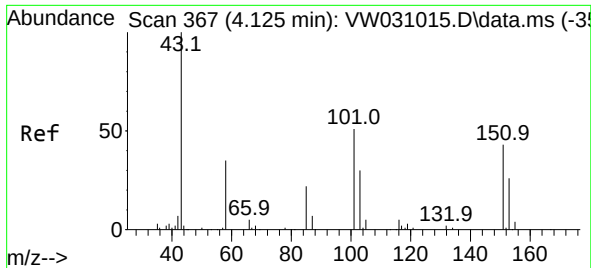
Tgt Ion:101 Resp: 144026
 Ion Ratio Lower Upper
 101 100
 85 38.6 32.9 49.3
 151 73.1 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 29.219 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00

Tgt Ion: 96 Resp: 136641
 Ion Ratio Lower Upper
 96 100
 61 162.5 118.9 220.7
 63 124.4 97.8 181.6

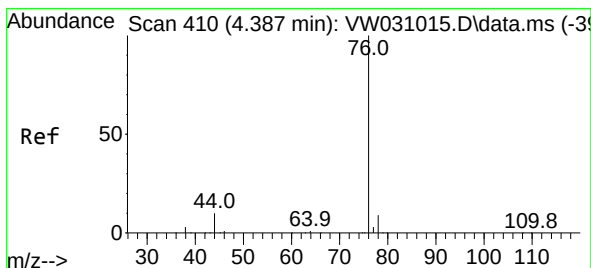
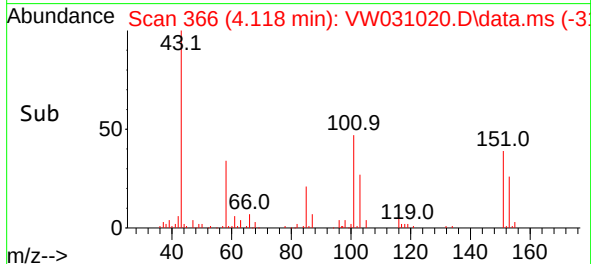
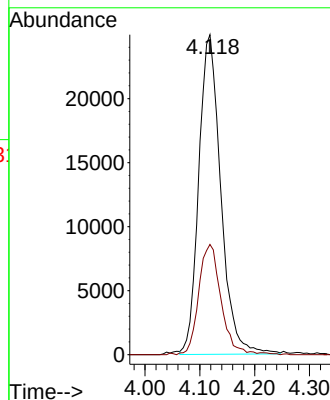
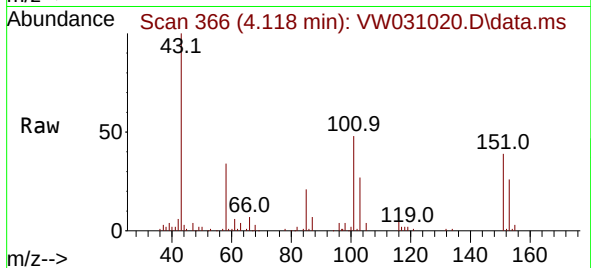




#13
Acetone
Concen: 58.480 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

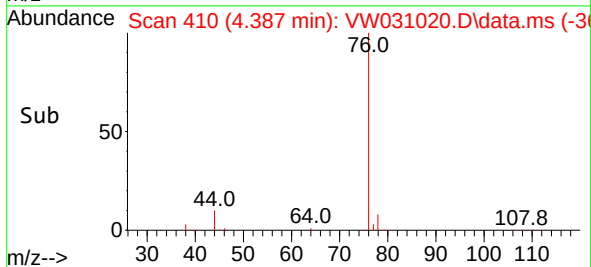
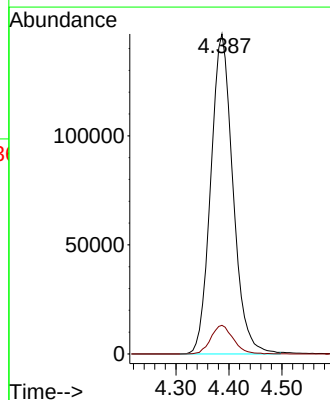
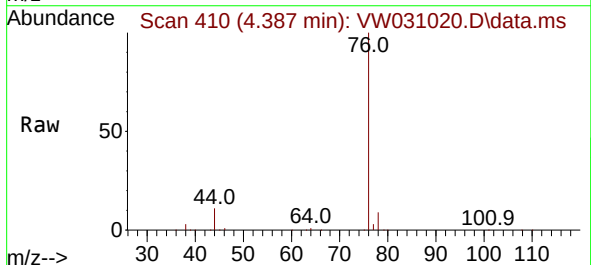
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ClientSampled :

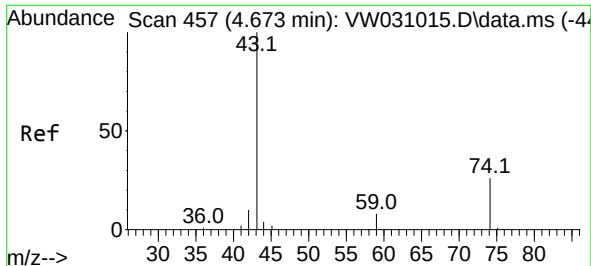
Tgt Ion: 43 Resp: 69745
Ion Ratio Lower Upper
43 100
58 34.3 0.0 62.6



#14
Carbon disulfide
Concen: 27.765 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion: 76 Resp: 426833
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

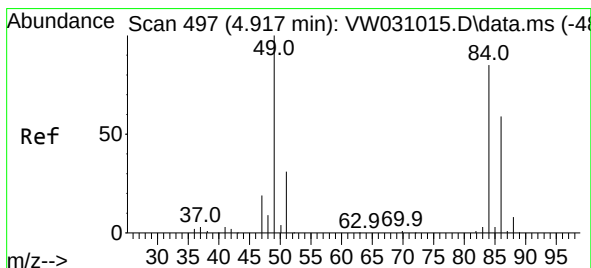
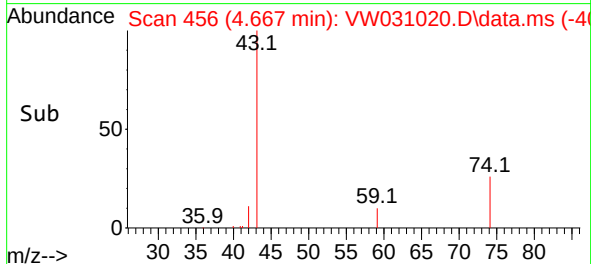
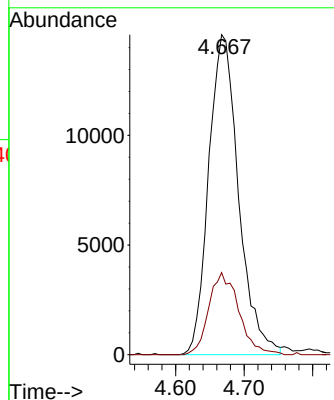
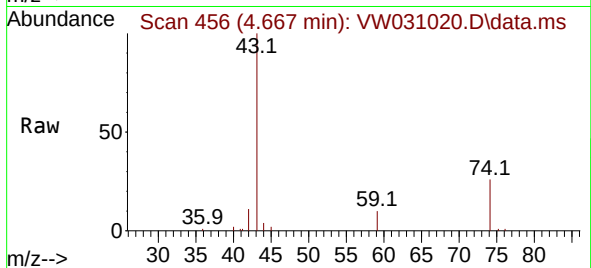




#15
Methyl Acetate
Concen: 25.302 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

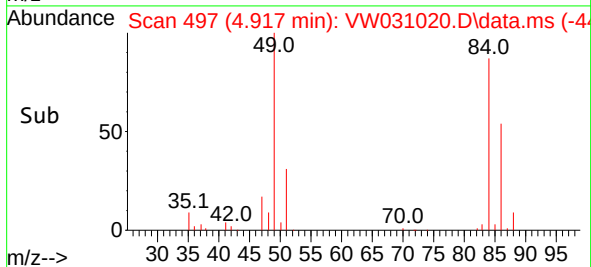
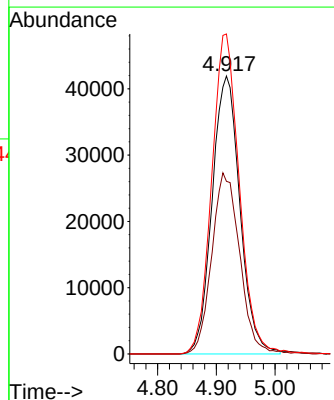
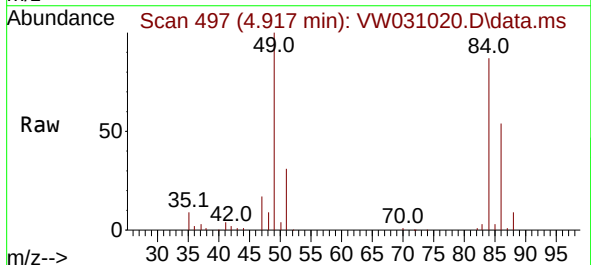
Instrument :
MSVOA_W
ClientSampleId :

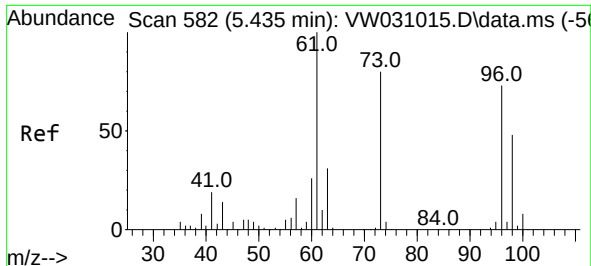
Tgt Ion: 43 Resp: 44262
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.2



#16
Methylene chloride
Concen: 26.935 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion: 84 Resp: 137769
Ion Ratio Lower Upper
84 100
86 62.1 41.8 77.6
49 115.1 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 28.925 ug/L

RT: 5.423 min Scan# 582

Delta R.T. -0.012 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

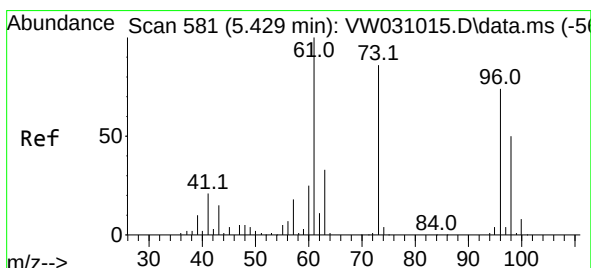
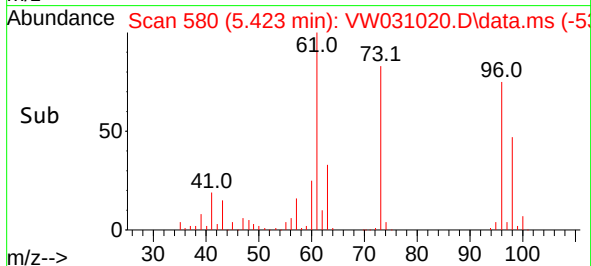
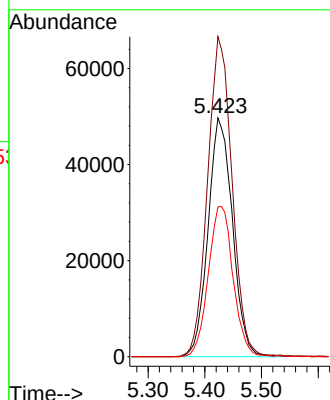
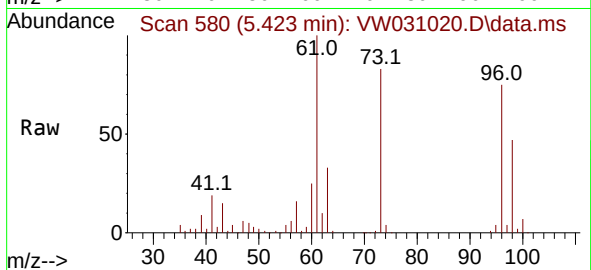
Tgt Ion: 96 Resp: 148395

Ion Ratio Lower Upper

96 100

61 134.0 95.2 176.8

98 62.7 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 28.400 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

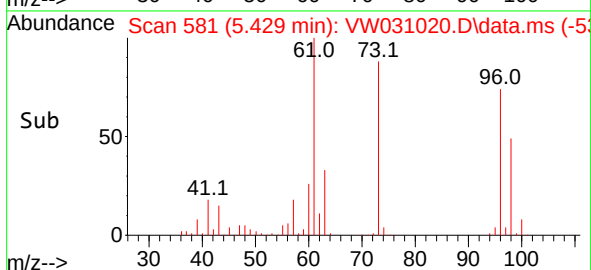
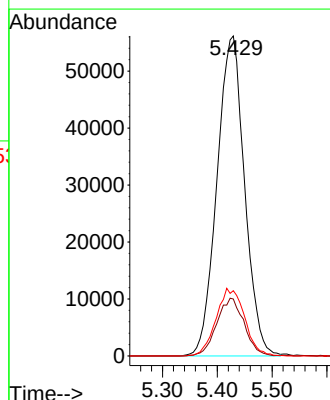
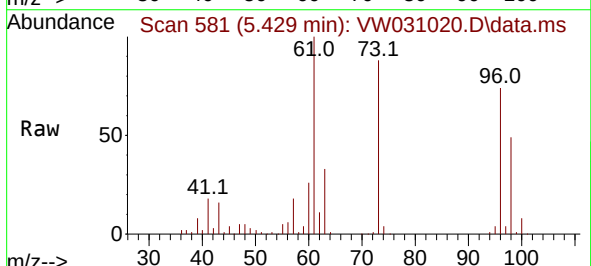
Tgt Ion: 73 Resp: 196649

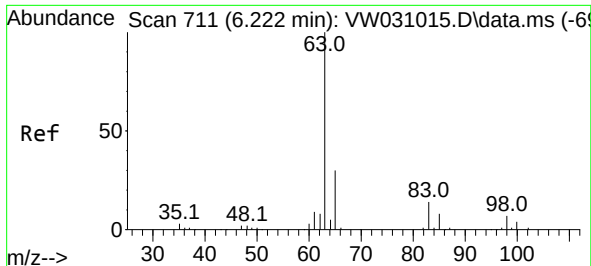
Ion Ratio Lower Upper

73 100

43 17.9 16.2 24.2

57 21.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 27.119 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

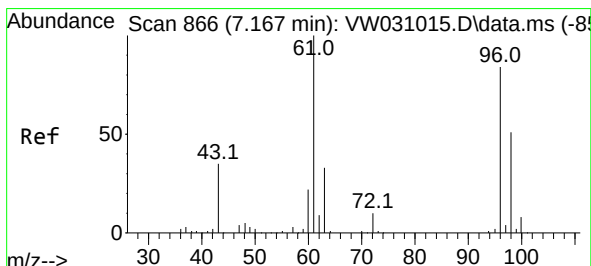
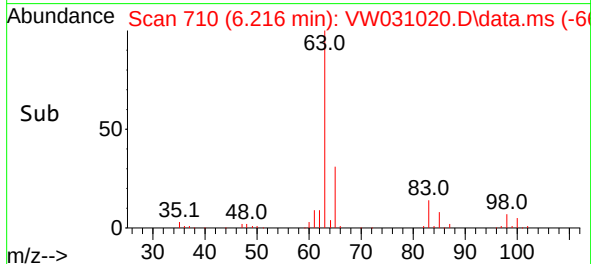
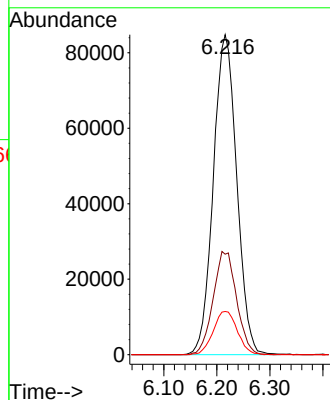
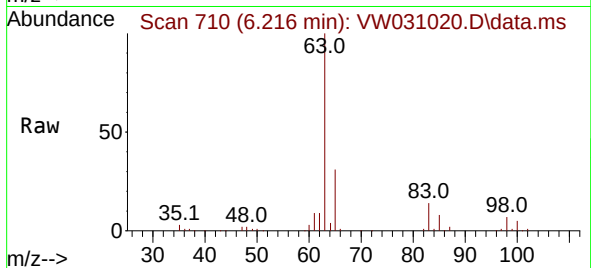
Tgt Ion: 63 Resp: 259625

Ion Ratio Lower Upper

63 100

65 31.4 23.0 42.8

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 29.025 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

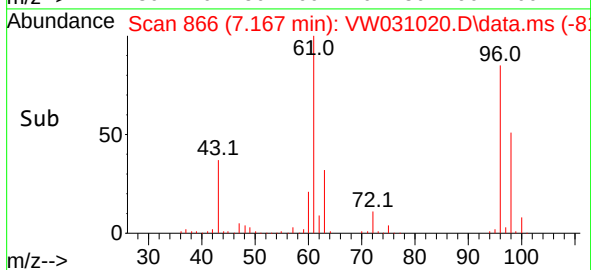
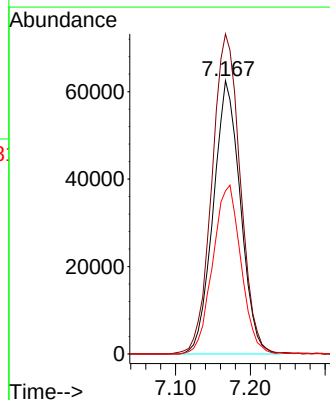
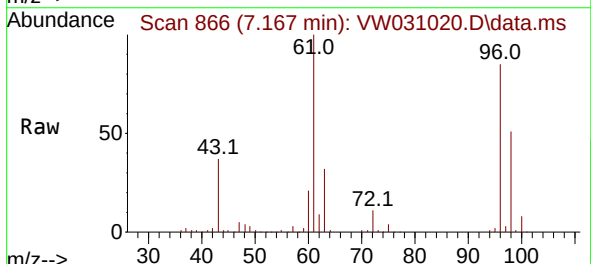
Tgt Ion: 96 Resp: 157966

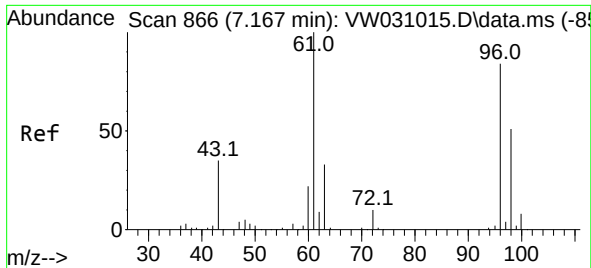
Ion Ratio Lower Upper

96 100

61 117.1 89.2 165.8

98 59.7 45.1 83.9

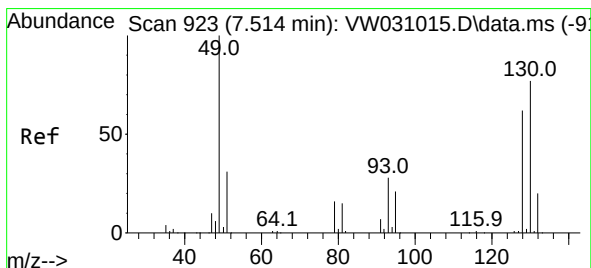
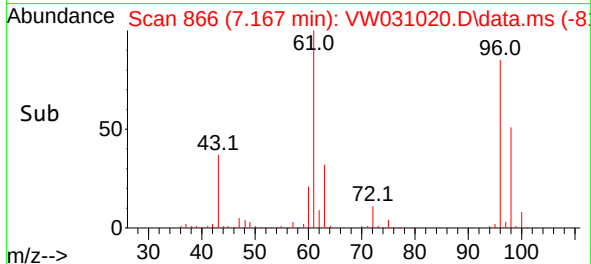
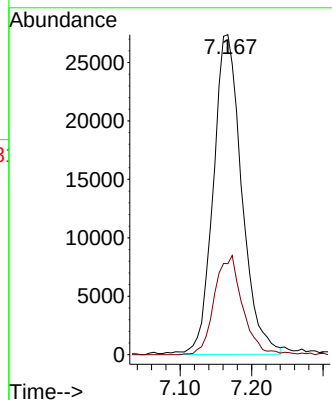
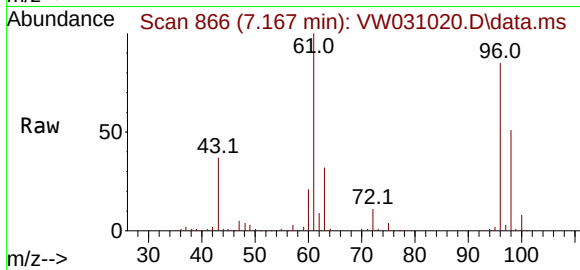




#22
2-Butanone
Concen: 56.581 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

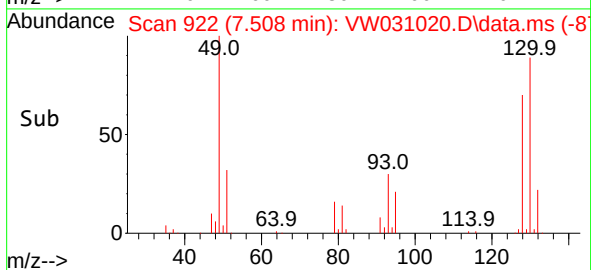
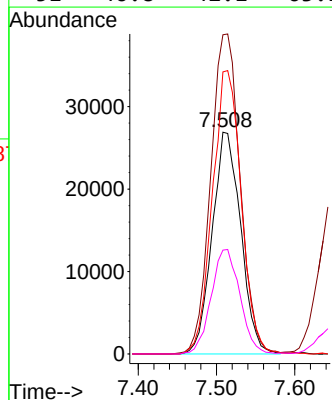
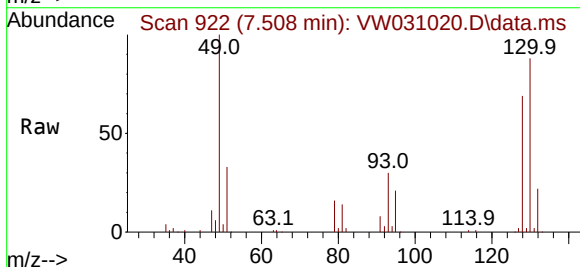
Instrument :
MSVOA_W
ClientSampleId :

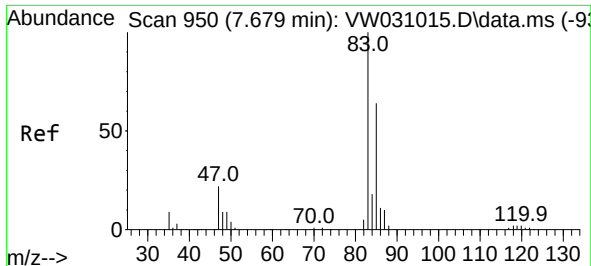
Tgt Ion: 43 Resp: 75569
Ion Ratio Lower Upper
43 100
72 29.9 14.5 43.6



#23
Bromochloromethane
Concen: 28.588 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion:128 Resp: 68138
Ion Ratio Lower Upper
128 100
49 143.9 112.4 208.8
130 127.2 86.2 160.0
51 46.8 42.1 63.1

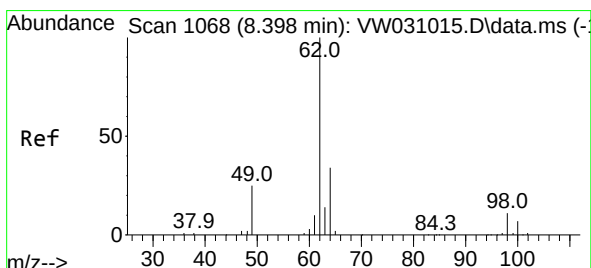
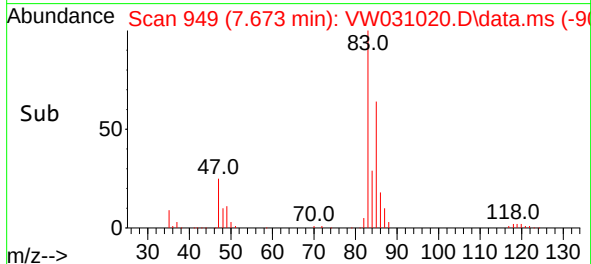
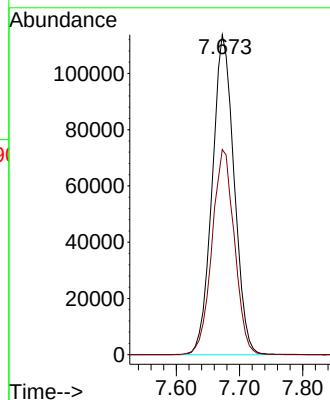
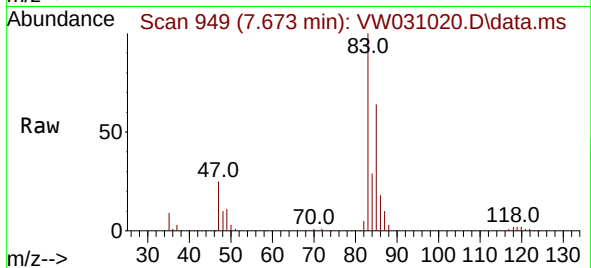




#25
Chloroform
Concen: 27.119 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

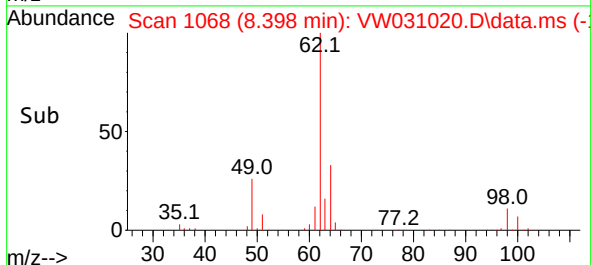
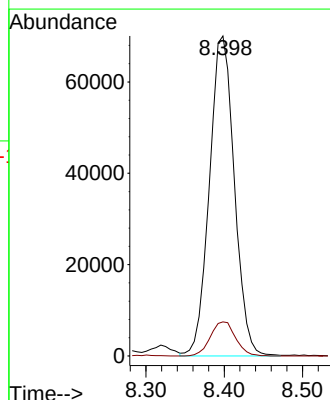
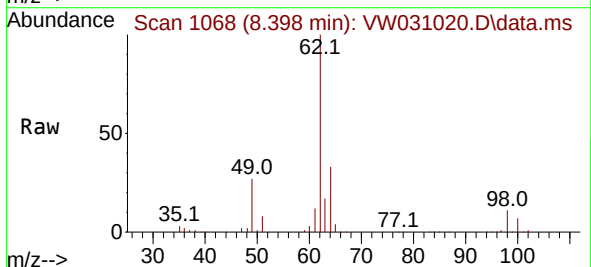
Instrument :
MSVOA_W
ClientSampleId :

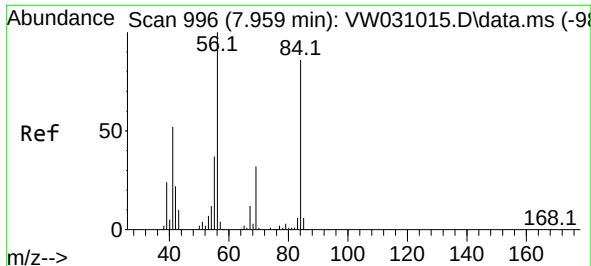
Tgt Ion: 83 Resp: 273167
Ion Ratio Lower Upper
83 100
85 64.1 47.2 87.6



#27
1,2-Dichloroethane
Concen: 24.731 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion: 62 Resp: 155144
Ion Ratio Lower Upper
62 100
98 10.6 7.1 10.7





#29

Cyclohexane

Concen: 27.894 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

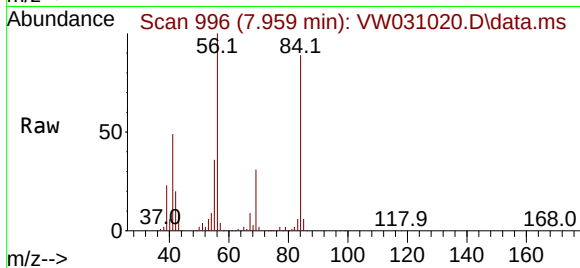
Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :



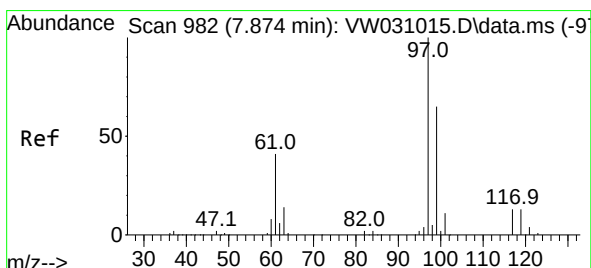
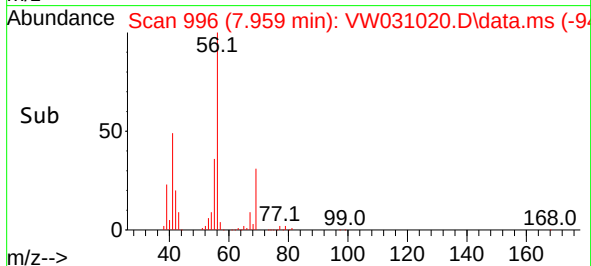
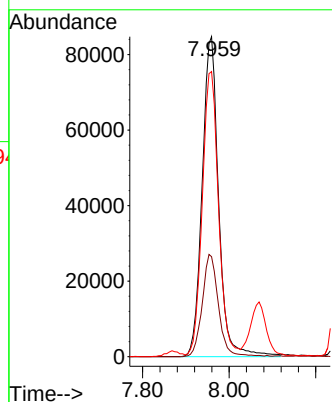
Tgt Ion: 56 Resp: 223658

Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 88.1 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 27.398 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

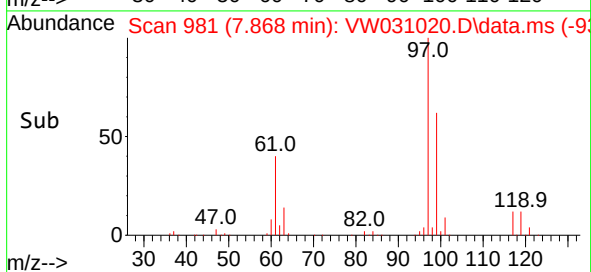
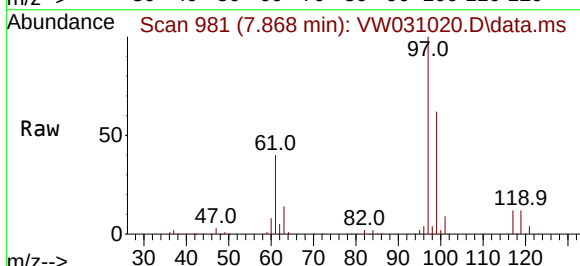
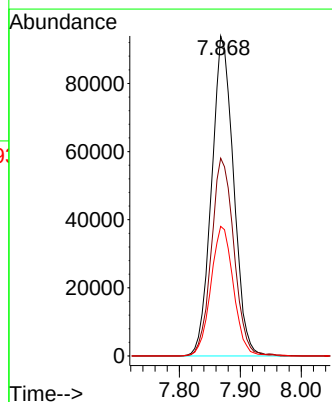
Tgt Ion: 97 Resp: 235479

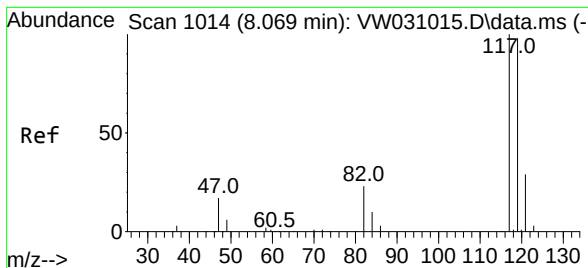
Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

61 41.6 36.2 54.4

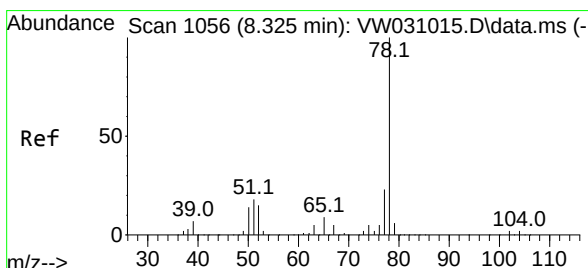
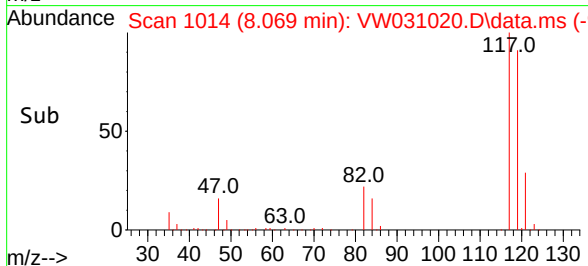
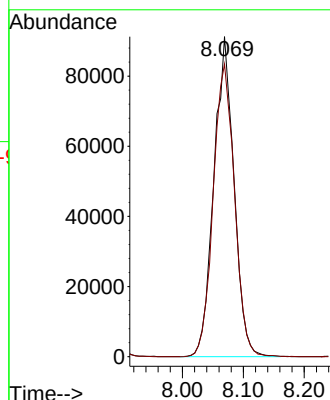
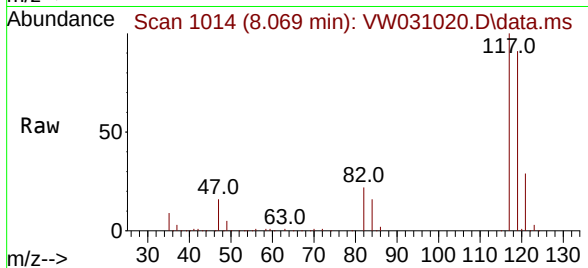




#31
Carbon tetrachloride
Concen: 27.158 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

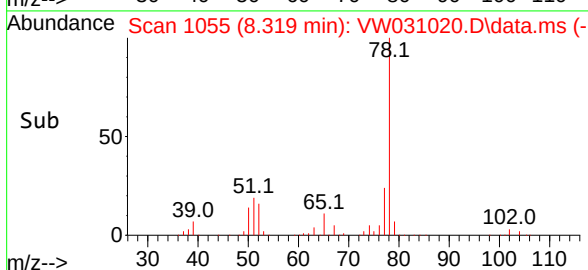
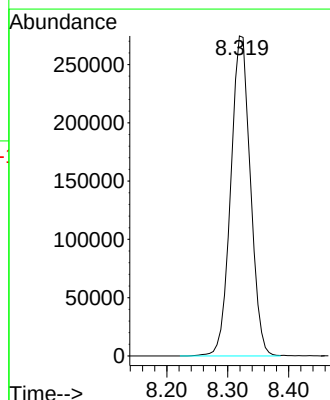
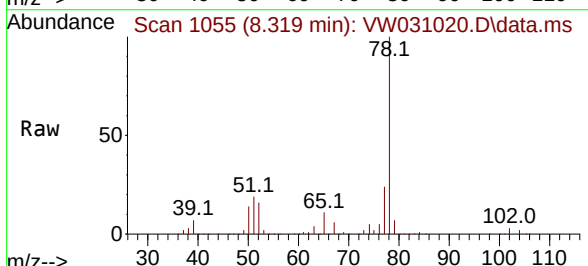
Instrument :
MSVOA_W
ClientSampleId :

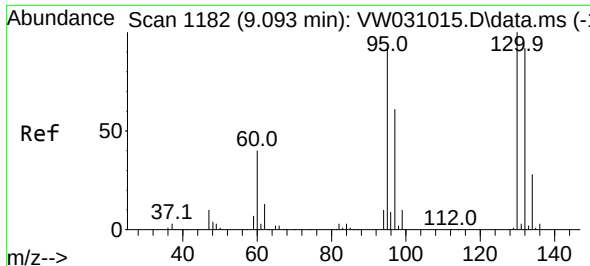
Tgt Ion:117 Resp: 209741
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2



#33
Benzene
Concen: 28.510 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion: 78 Resp: 614836

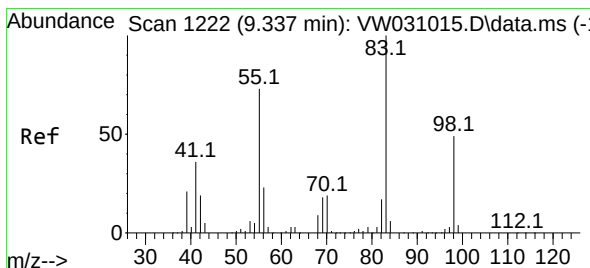
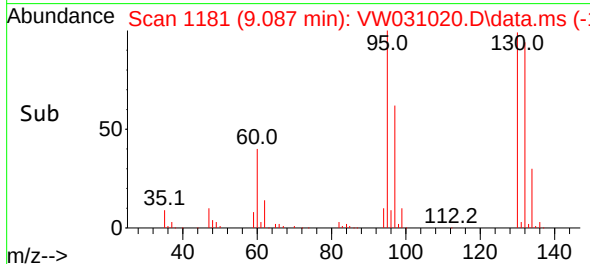
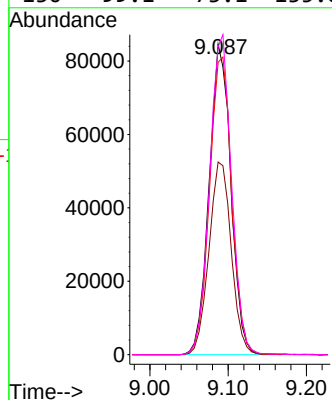
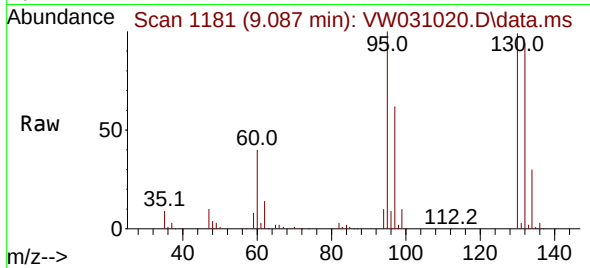




#34
Trichloroethene
Concen: 27.435 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

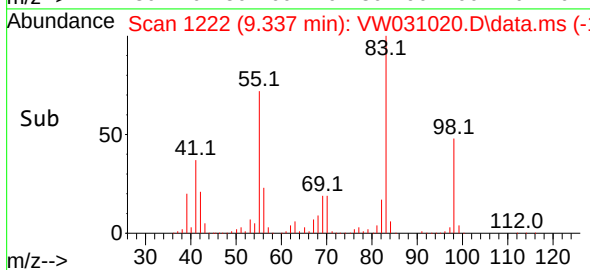
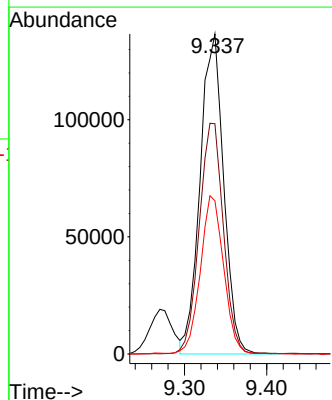
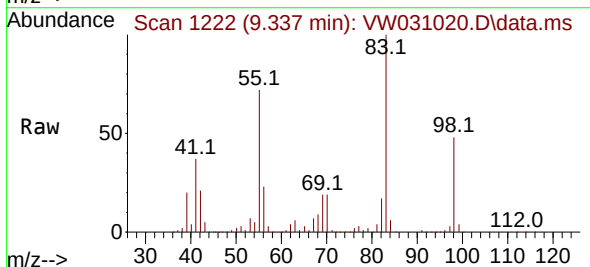
Instrument :
MSVOA_W
ClientSampleId :

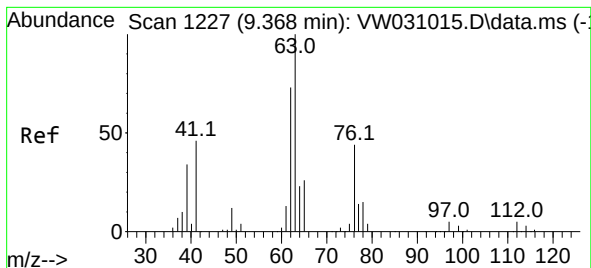
Tgt Ion: 95 Resp: 163149
Ion Ratio Lower Upper
95 100
97 62.0 48.9 90.7
132 94.1 67.7 125.7
130 99.1 73.1 135.8



#35
Methylcyclohexane
Concen: 28.903 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion: 83 Resp: 272420
Ion Ratio Lower Upper
83 100
55 73.9 62.8 94.2
98 49.0 39.4 59.2





#37

1,2-Dichloropropane

Concen: 27.405 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

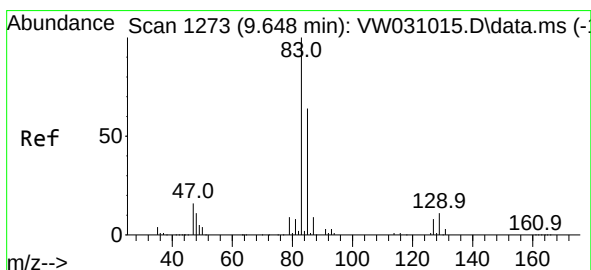
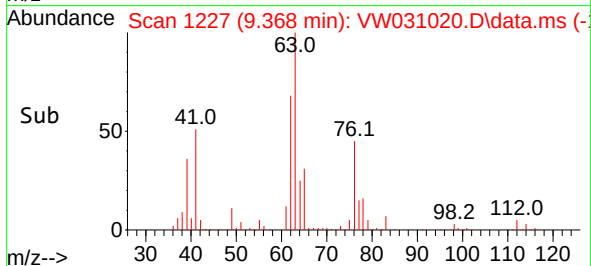
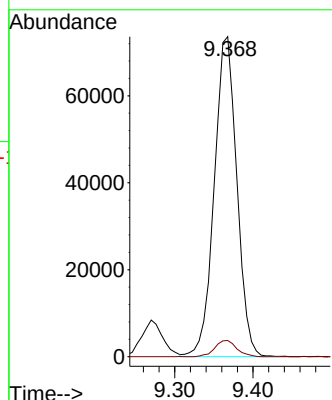
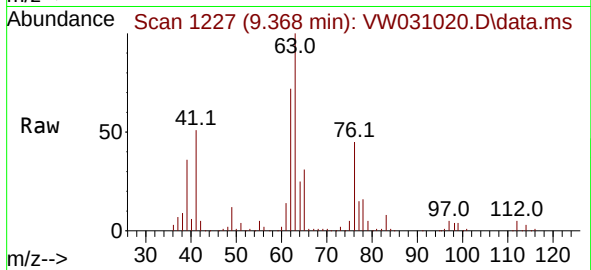
ClientSampleId :

Tgt Ion: 63 Resp: 147707

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 26.218 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

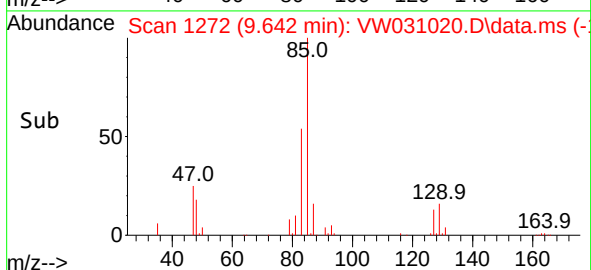
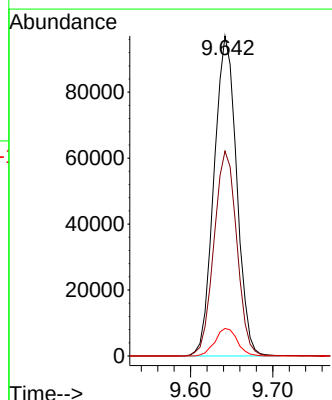
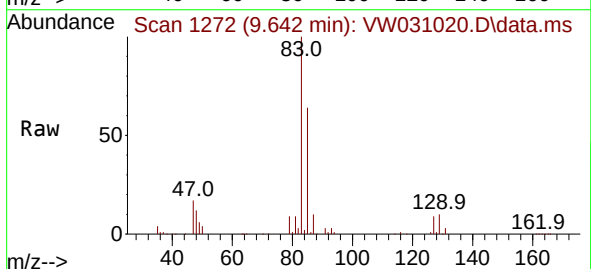
Tgt Ion: 83 Resp: 185573

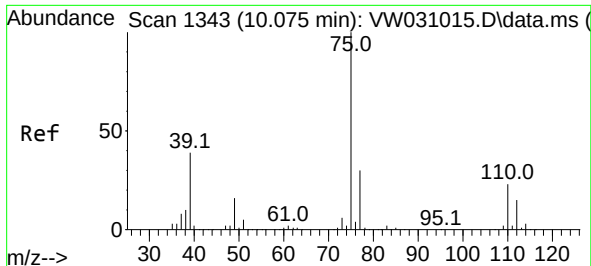
Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

127 8.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 28.344 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

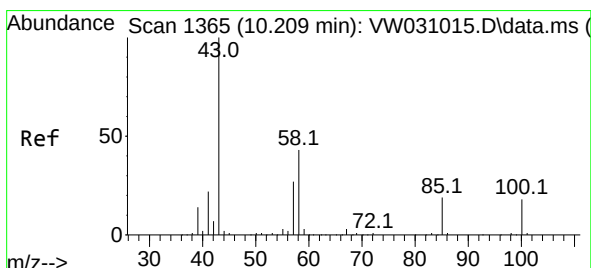
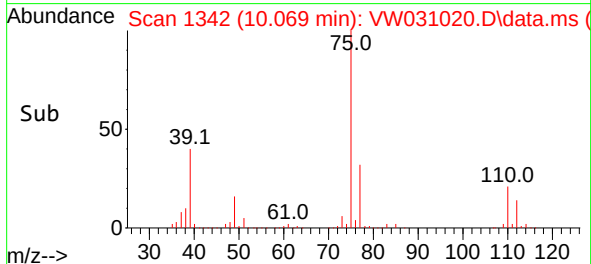
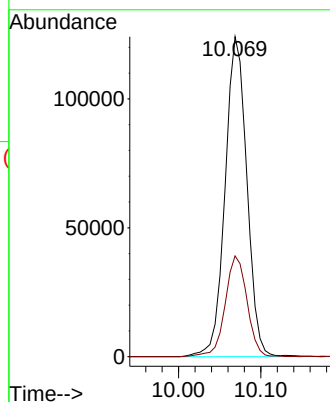
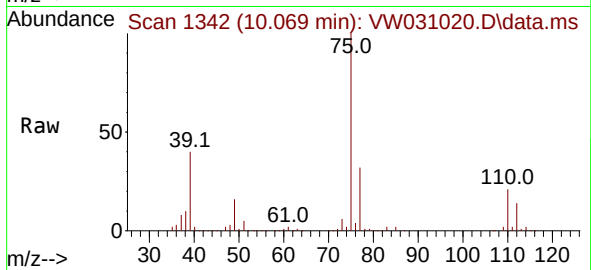
ClientSampleId :

Tgt Ion: 75 Resp: 228531

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 50.026 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

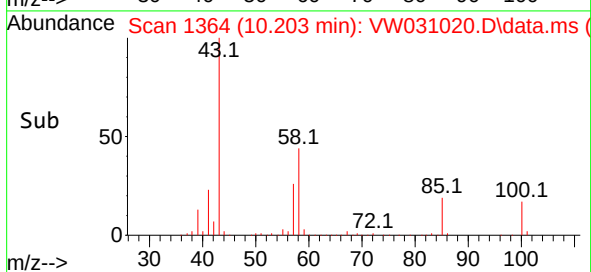
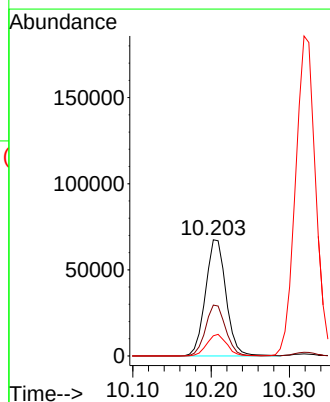
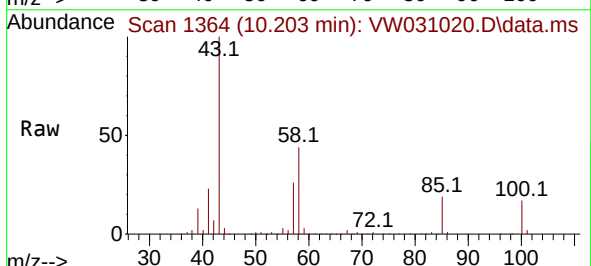
Tgt Ion: 43 Resp: 123306

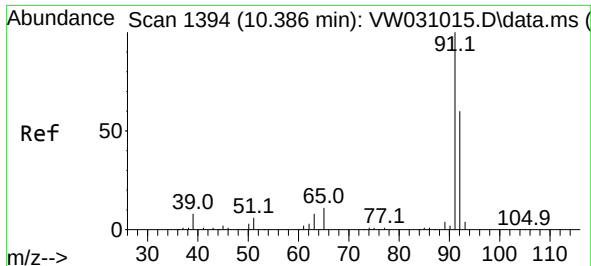
Ion Ratio Lower Upper

43 100

58 42.9 32.2 48.4

100 17.9 13.3 19.9

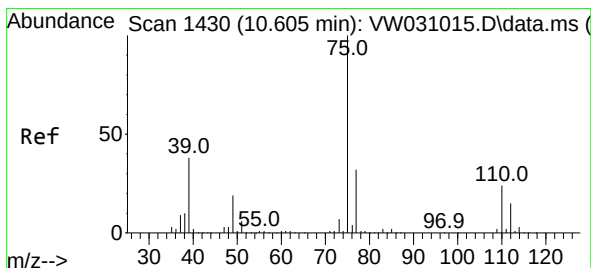
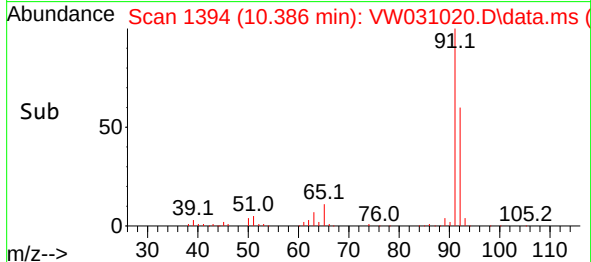
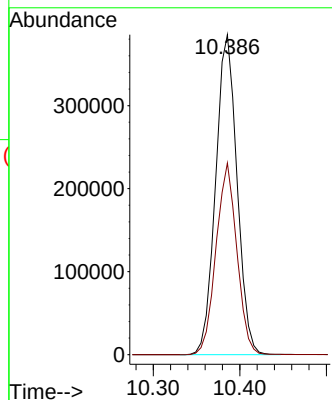
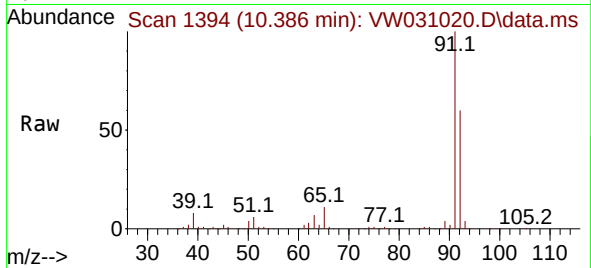




#42
Toluene
Concen: 28.945 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

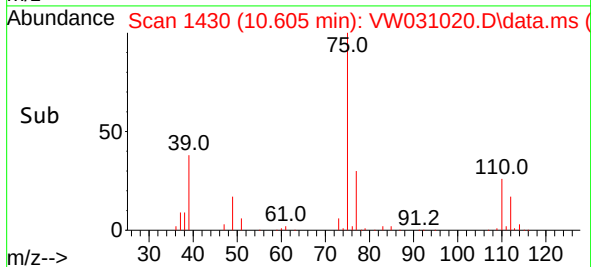
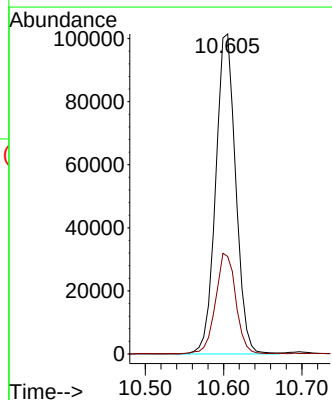
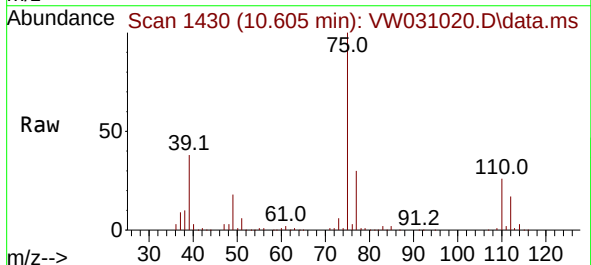
Instrument :
MSVOA_W
ClientSampleId :

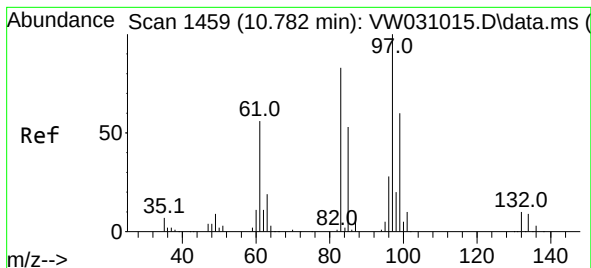
Tgt Ion: 91 Resp: 661028
Ion Ratio Lower Upper
91 100
92 59.9 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 26.964 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion: 75 Resp: 180605
Ion Ratio Lower Upper
75 100
77 30.4 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 26.348 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 101932

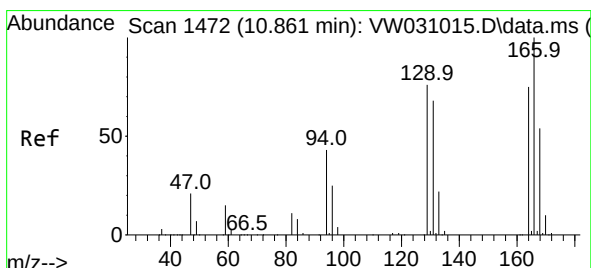
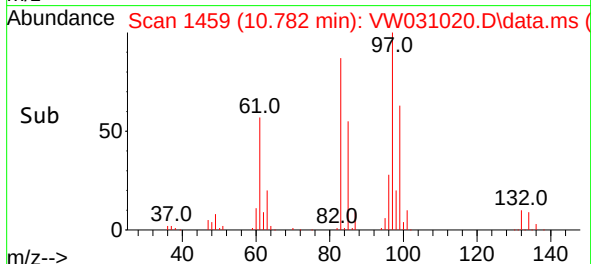
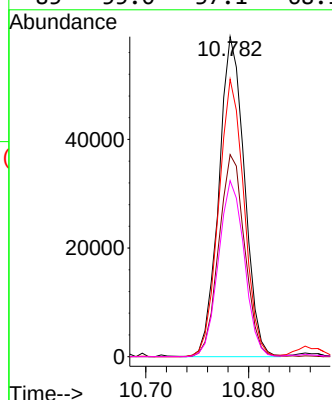
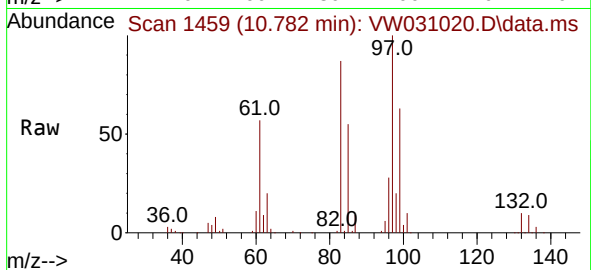
Ion Ratio Lower Upper

97 100

99 63.2 42.8 79.4

83 86.7 60.6 112.6

85 55.0 37.1 68.9



#46

Tetrachloroethene

Concen: 28.661 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Tgt Ion:164 Resp: 130301

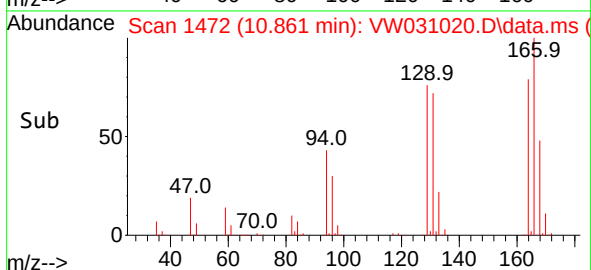
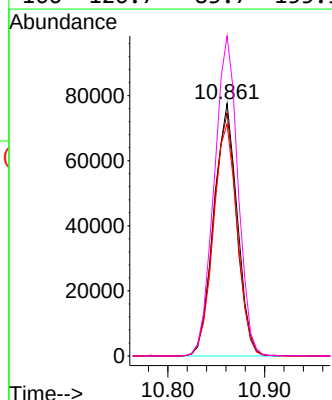
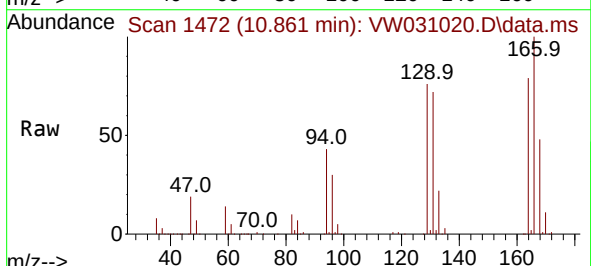
Ion Ratio Lower Upper

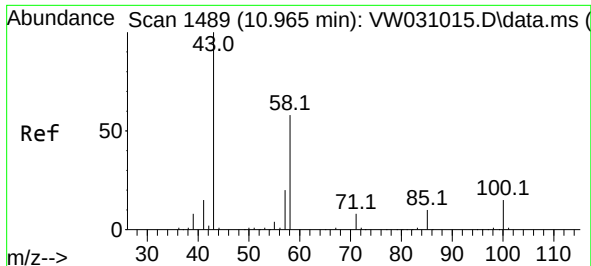
164 100

129 96.3 71.1 132.1

131 91.9 62.6 116.3

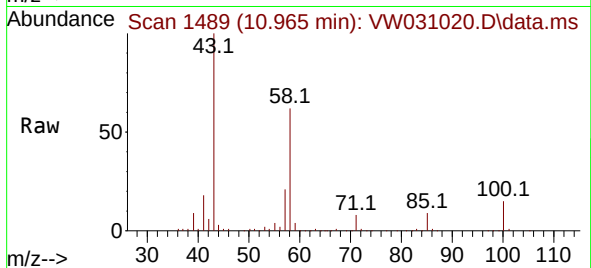
166 126.7 83.7 155.5



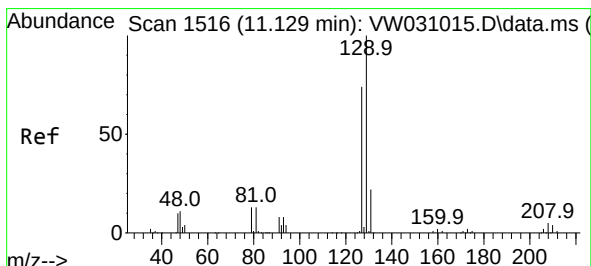
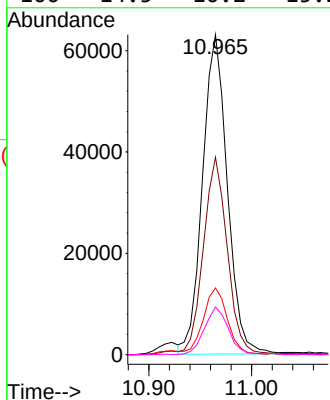
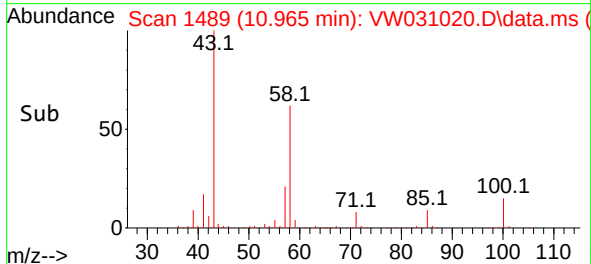


#48
2-Hexanone
Concen: 56.318 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Instrument :
MSVOA_W
ClientSampleId :

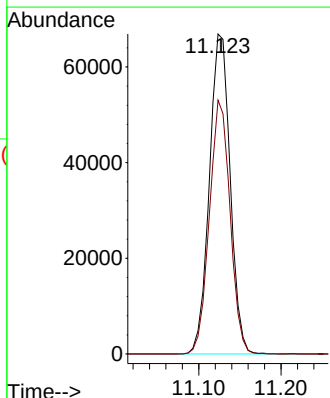
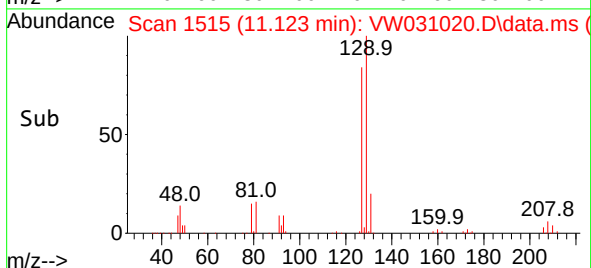
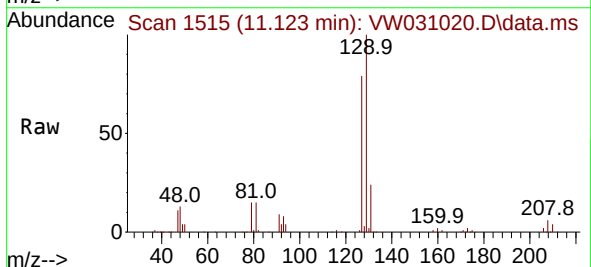


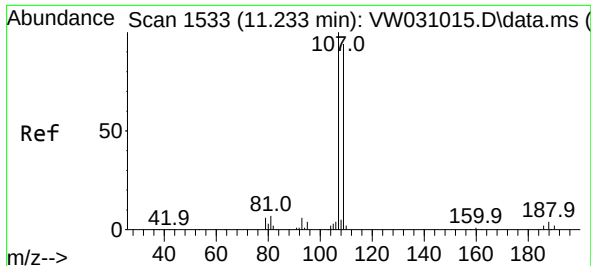
Tgt Ion: 43 Resp: 105610
Ion Ratio Lower Upper
43 100
58 59.7 43.8 65.8
57 20.4 15.4 23.2
100 14.5 10.2 15.2



#49
Dibromochloromethane
Concen: 27.813 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion:129 Resp: 117315
Ion Ratio Lower Upper
129 100
127 79.3 52.1 96.7





#50

1,2-Dibromoethane

Concen: 27.689 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

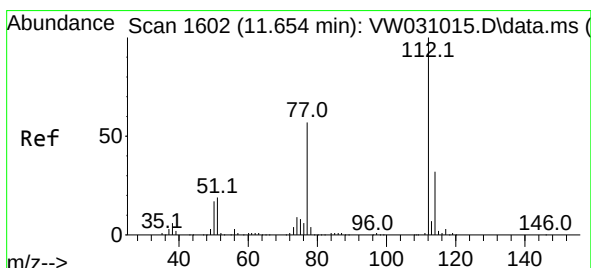
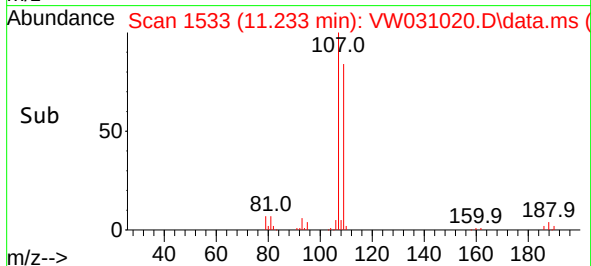
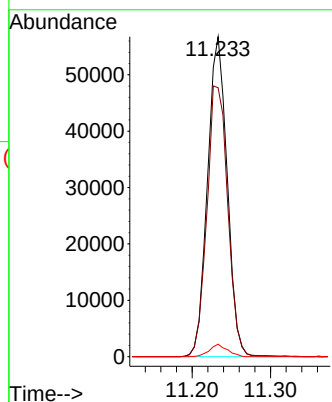
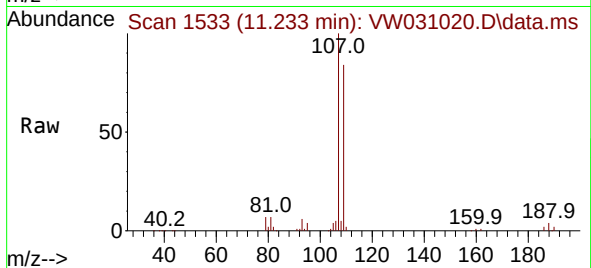
Tgt Ion:107 Resp: 98783

Ion Ratio Lower Upper

107 100

109 84.1 64.3 119.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 28.737 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

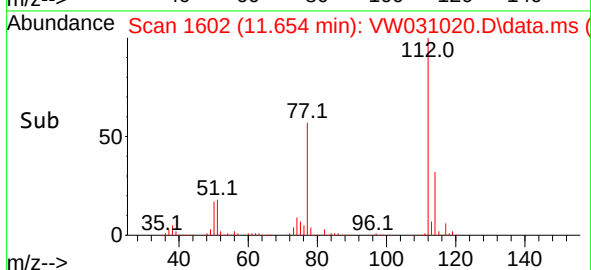
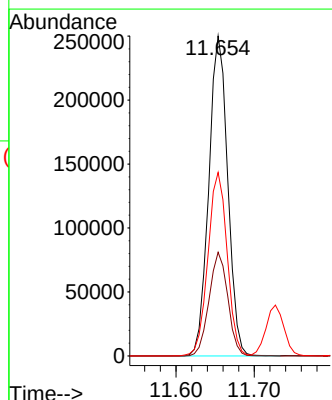
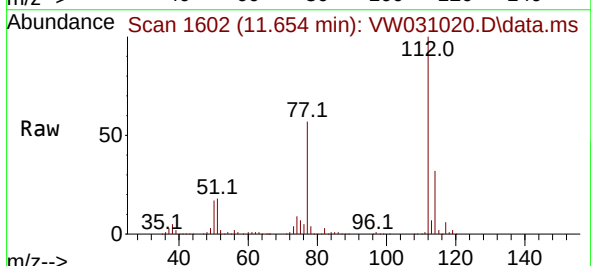
Tgt Ion:112 Resp: 420012

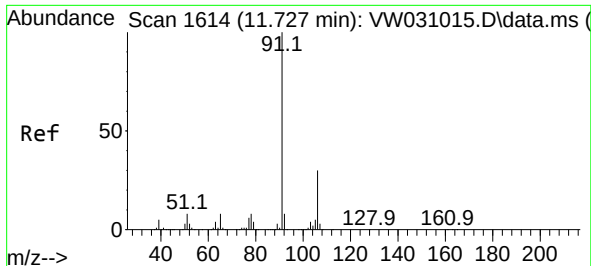
Ion Ratio Lower Upper

112 100

114 32.4 21.9 40.7

77 57.3 45.3 67.9

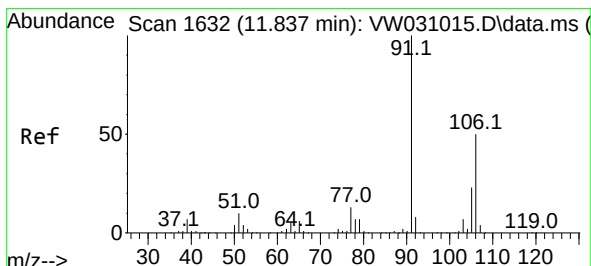
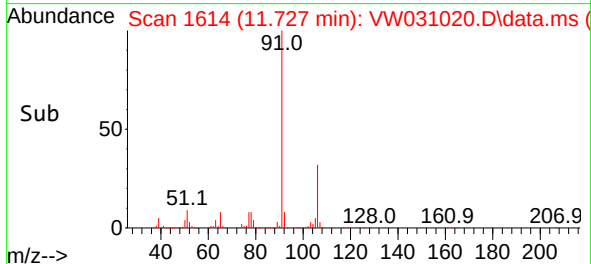
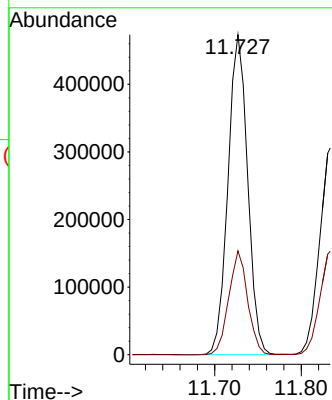
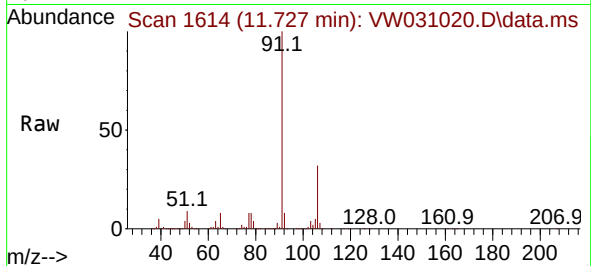




#52
Ethylbenzene
Concen: 28.883 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

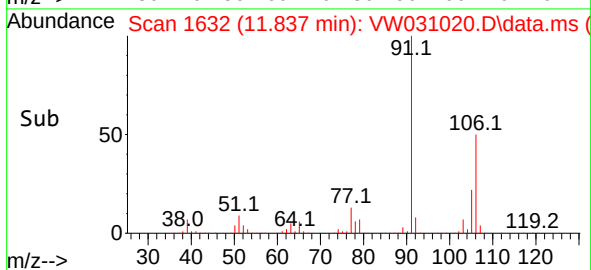
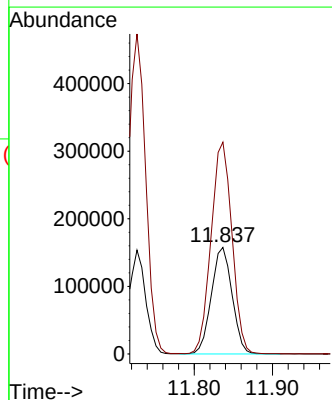
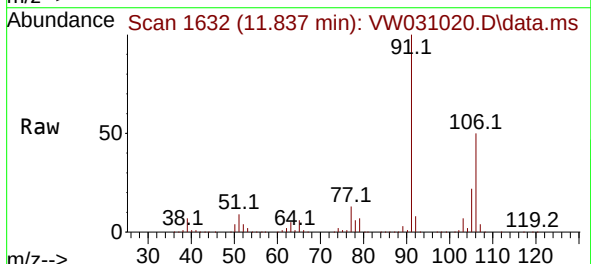
Instrument :
MSVOA_W
ClientSampleId :

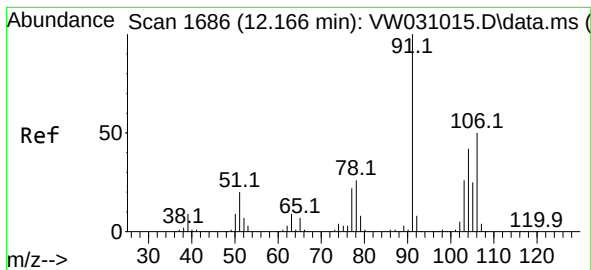
Tgt Ion: 91 Resp: 745286
Ion Ratio Lower Upper
91 100
106 32.4 21.6 40.0



#53
m,p-Xylene
Concen: 29.857 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion:106 Resp: 289758
Ion Ratio Lower Upper
106 100
91 198.8 140.7 261.3





#54

o-Xylene

Concen: 29.935 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

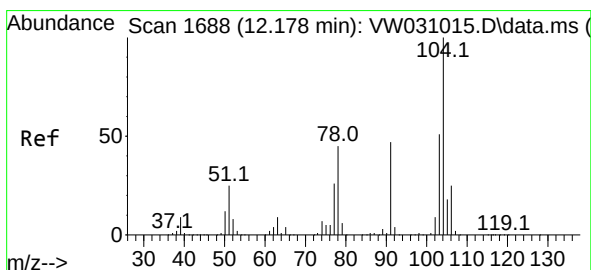
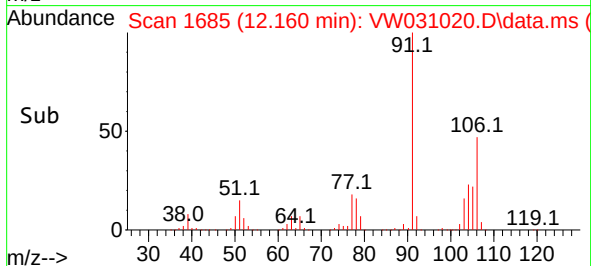
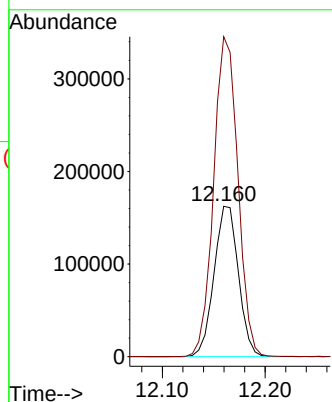
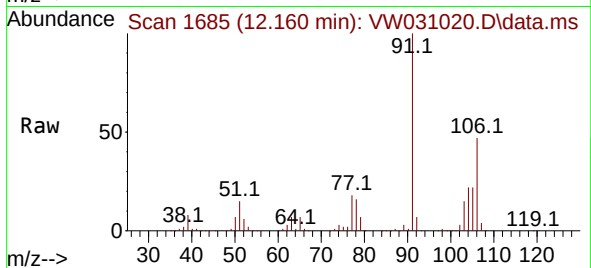
ClientSampleId :

Tgt Ion:106 Resp: 267318

Ion Ratio Lower Upper

106 100

91 212.8 149.9 278.3



#55

Styrene

Concen: 29.643 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031020.D

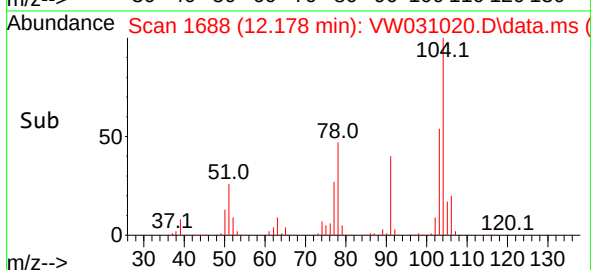
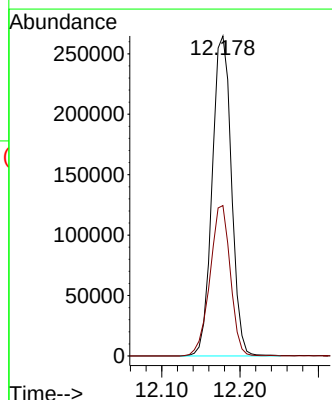
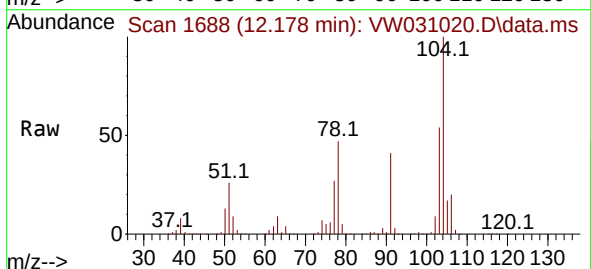
Acq: 15 Nov 2024 12:00

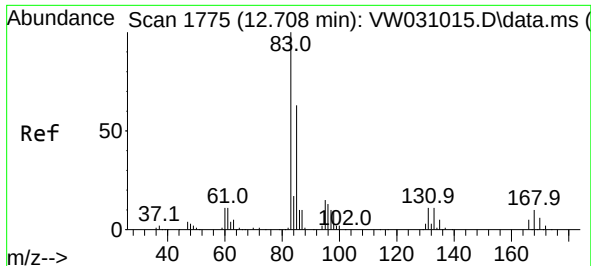
Tgt Ion:104 Resp: 452284

Ion Ratio Lower Upper

104 100

78 47.0 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.936 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

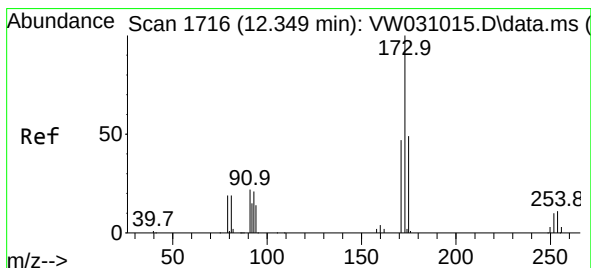
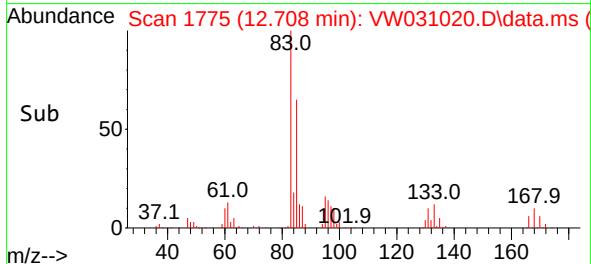
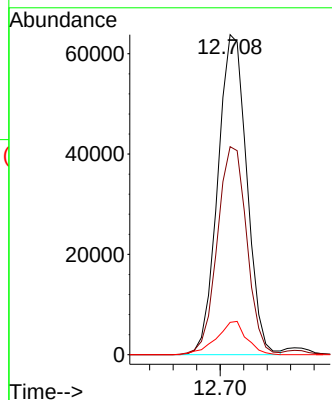
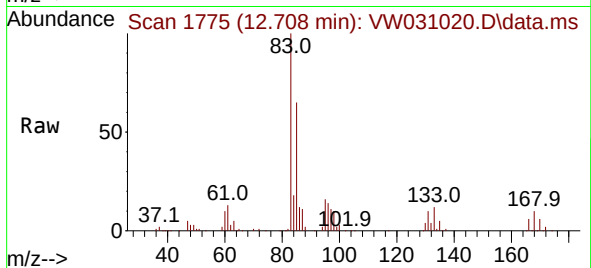
Tgt Ion: 83 Resp: 109501

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

131 10.1 7.7 11.5



#59

Bromoform

Concen: 25.567 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

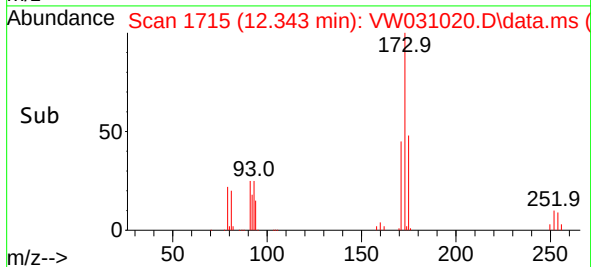
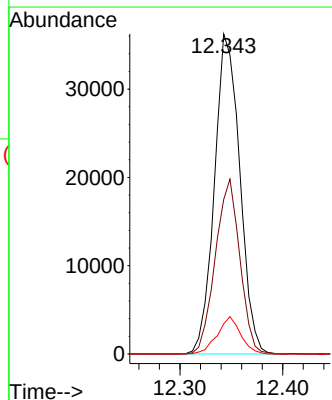
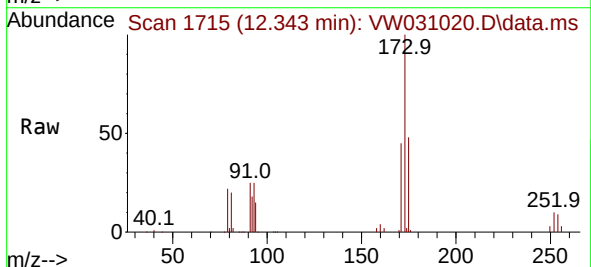
Tgt Ion:173 Resp: 62077

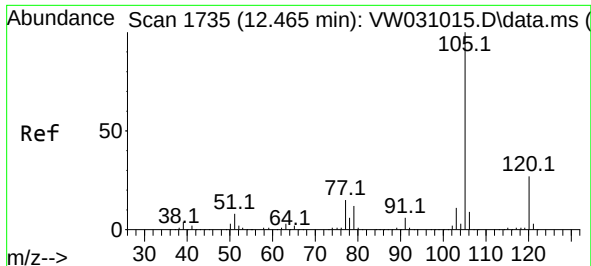
Ion Ratio Lower Upper

173 100

175 52.7 39.3 58.9

254 10.7 7.8 11.6

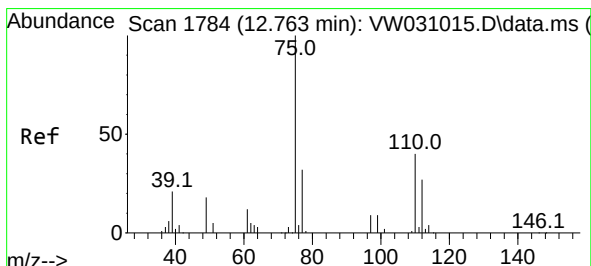
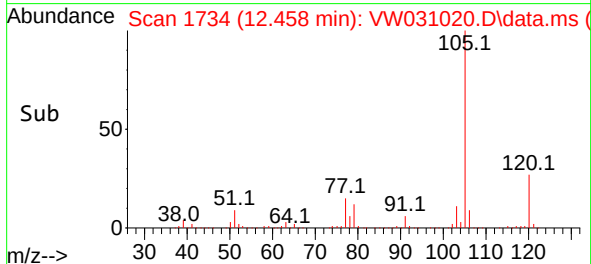
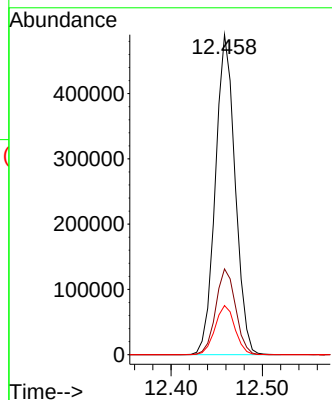
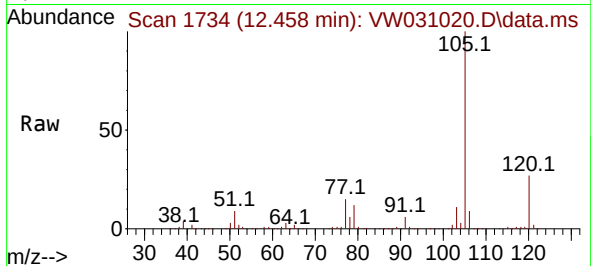




#60
Isopropylbenzene
Concen: 28.363 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

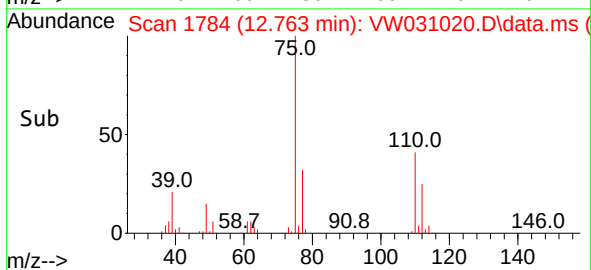
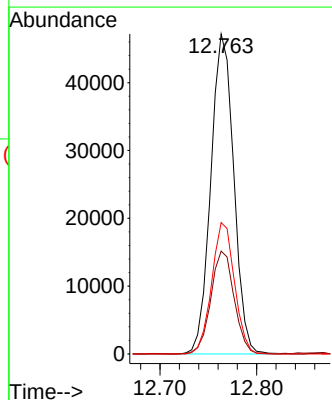
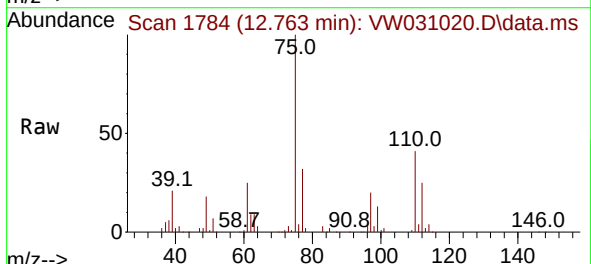
Instrument :
MSVOA_W
ClientSampleId :

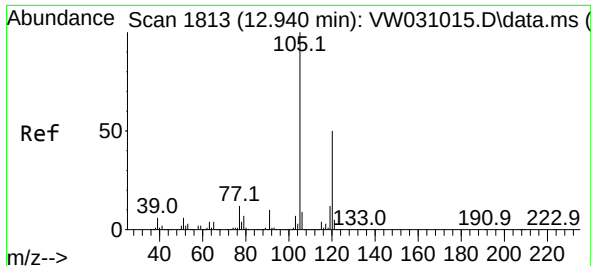
Tgt Ion:105 Resp: 735669
Ion Ratio Lower Upper
105 100
120 26.9 20.6 31.0
77 15.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 24.415 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion: 75 Resp: 77834
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 40.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 29.146 ug/L

RT: 12.934 min Scan# 1813

Delta R.T. -0.006 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

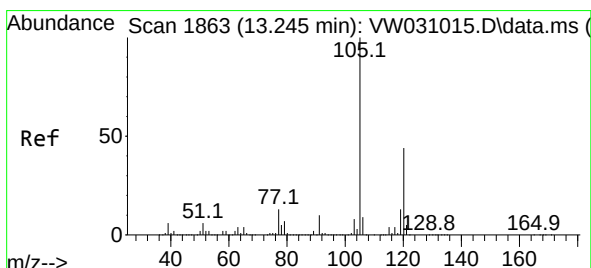
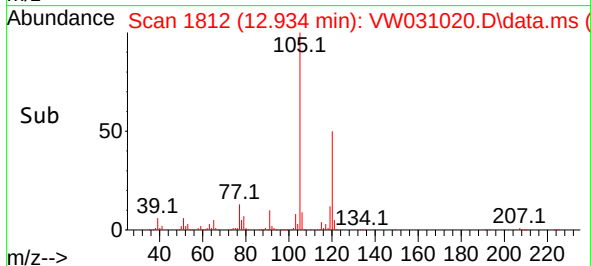
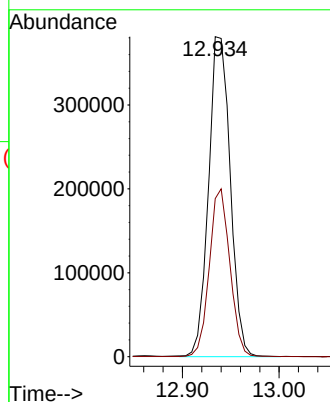
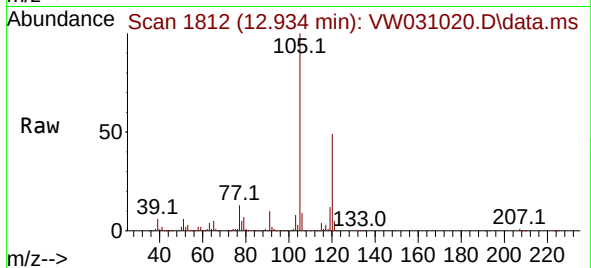
ClientSampleId :

Tgt Ion:105 Resp: 595213

Ion Ratio Lower Upper

105 100

120 49.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 29.293 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031020.D

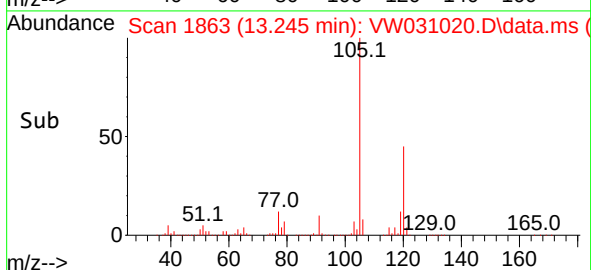
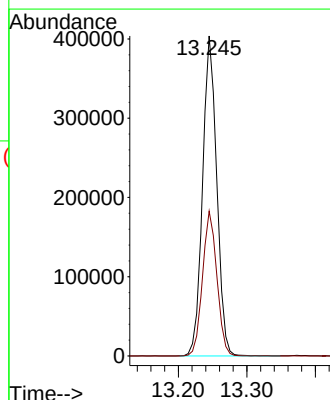
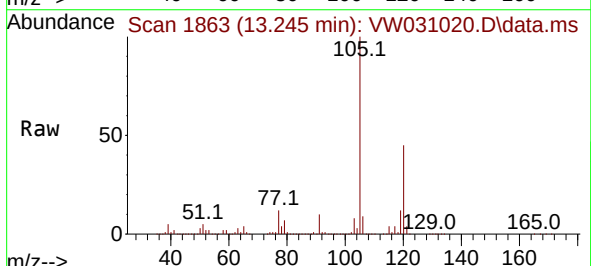
Acq: 15 Nov 2024 12:00

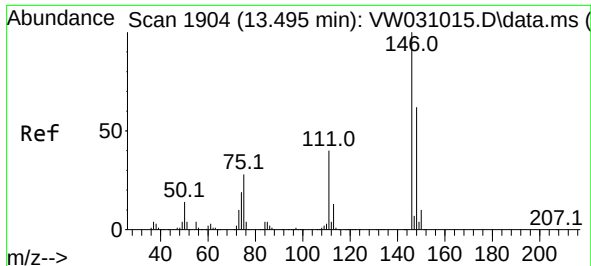
Tgt Ion:105 Resp: 582584

Ion Ratio Lower Upper

105 100

120 45.8 35.9 53.9

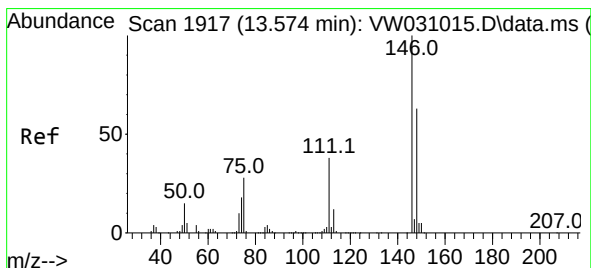
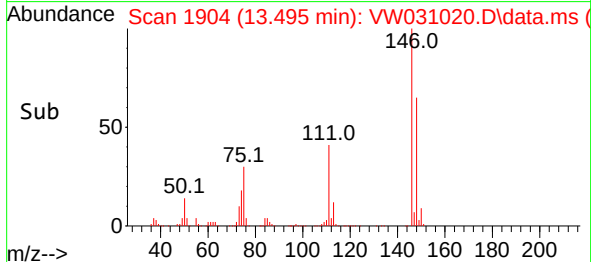
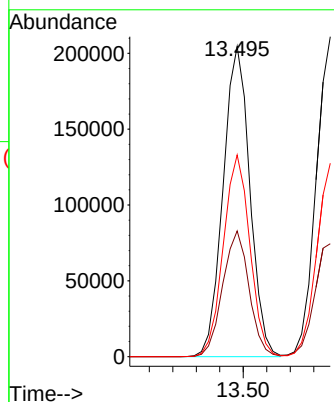
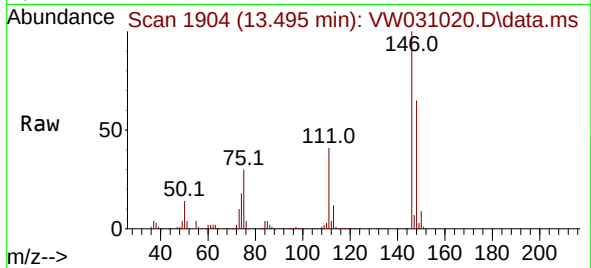




#64
1,3-Dichlorobenzene
Concen: 28.416 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

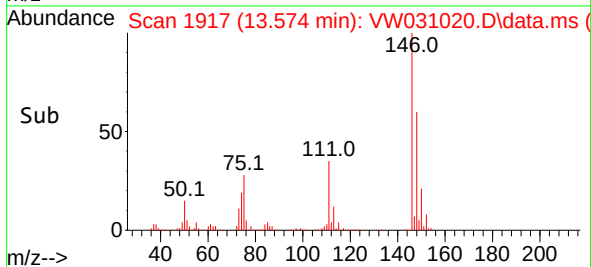
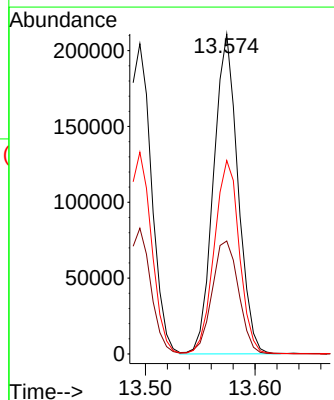
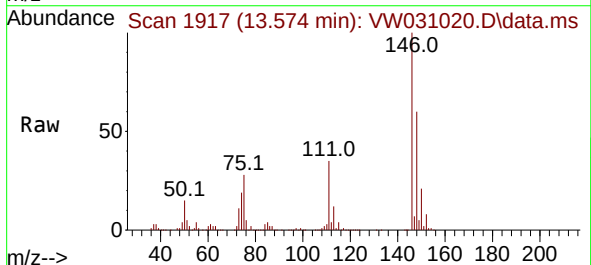
Instrument :
MSVOA_W
ClientSampleId :

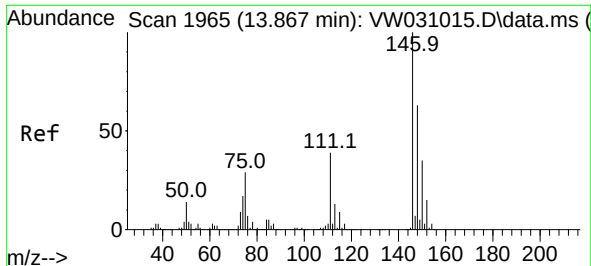
Tgt Ion:146 Resp: 323629
Ion Ratio Lower Upper
146 100
111 40.5 26.8 49.8
148 65.0 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 27.876 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031020.D
Acq: 15 Nov 2024 12:00

Tgt Ion:146 Resp: 325934
Ion Ratio Lower Upper
146 100
111 35.3 27.6 51.4
148 60.5 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 26.669 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

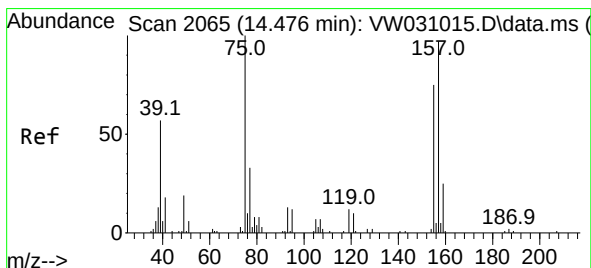
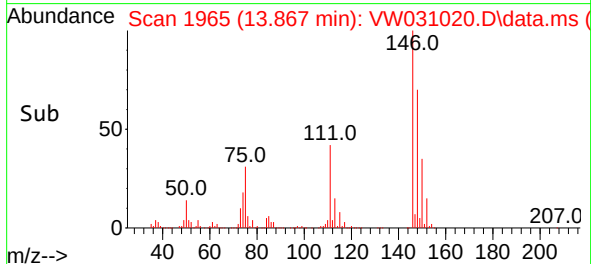
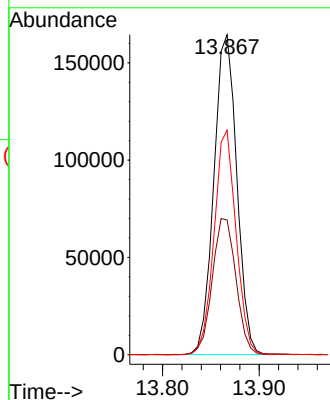
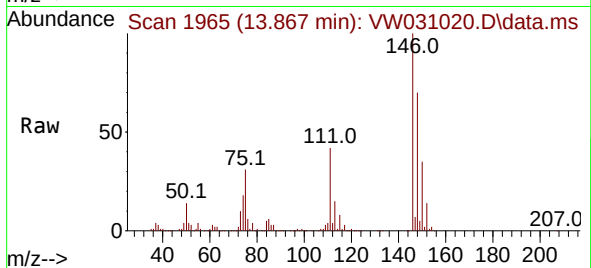
Tgt Ion:146 Resp: 270700

Ion Ratio Lower Upper

146 100

111 42.1 34.3 51.5

148 70.2 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.922 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

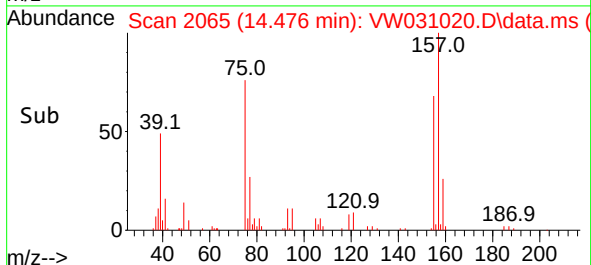
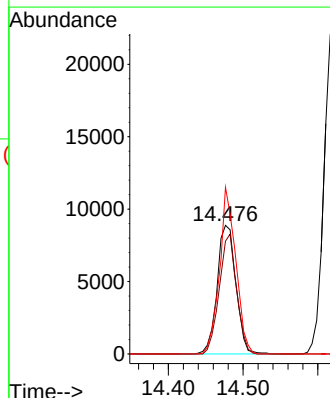
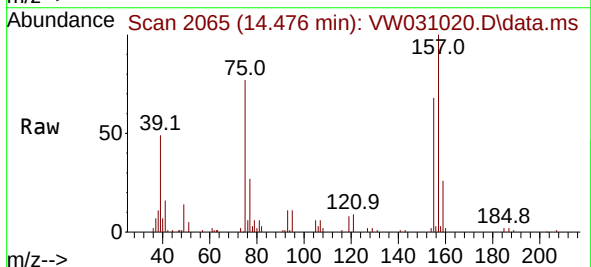
Tgt Ion: 75 Resp: 15471

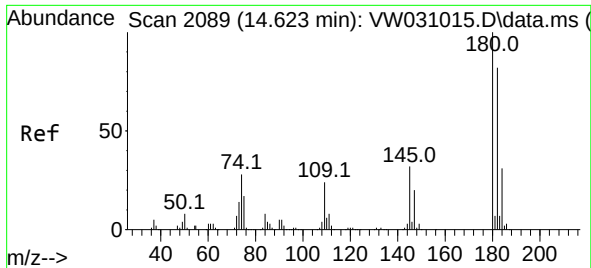
Ion Ratio Lower Upper

75 100

155 87.7 56.2 84.2#

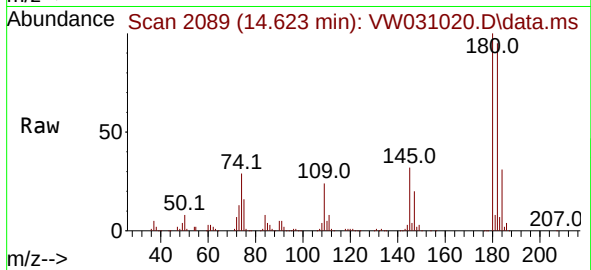
157 129.6 74.9 112.3#



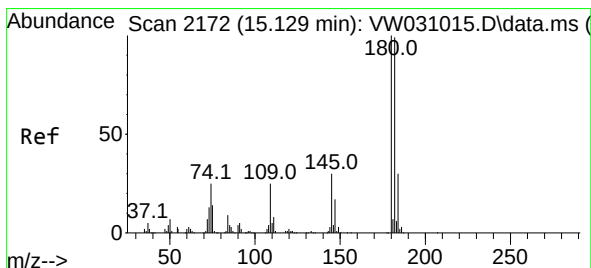
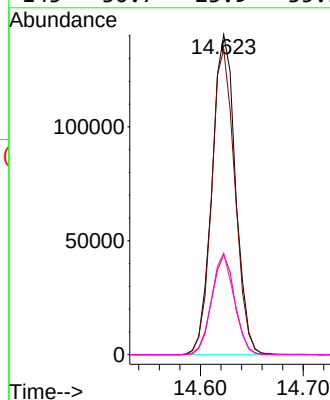
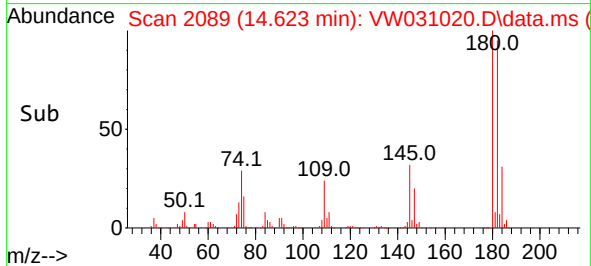


#69
 1,3,5-Trichlorobenzene
 Concen: 29.356 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00

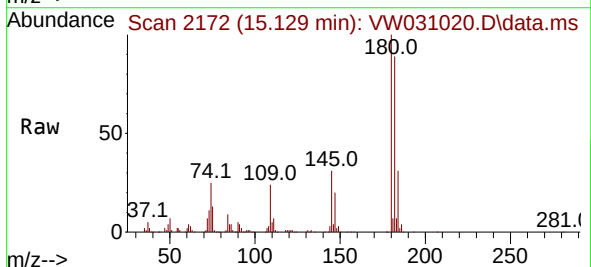
Instrument :
 MSVOA_W
 ClientSampleId :



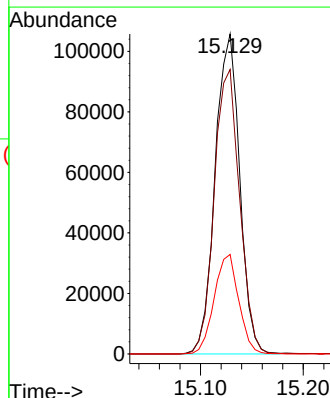
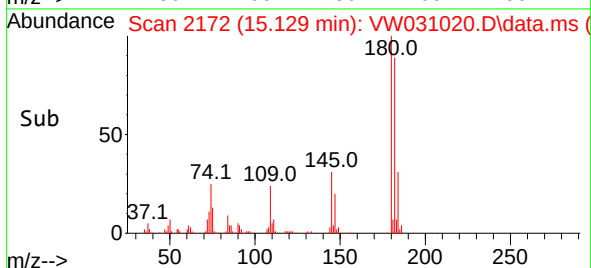
Tgt Ion:180 Resp: 221865
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.6 114.8
 184 30.6 23.9 35.9
 145 30.7 23.9 35.9

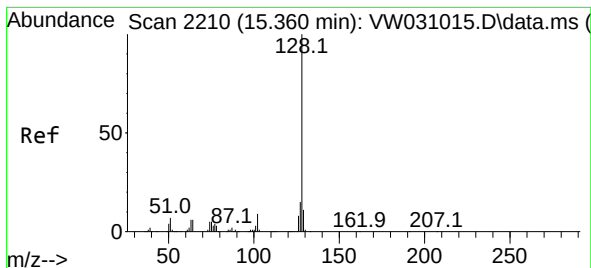


#70
 1,2,4-trichlorobenzene
 Concen: 29.259 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW031020.D
 Acq: 15 Nov 2024 12:00



Tgt Ion:180 Resp: 175582
 Ion Ratio Lower Upper
 180 100
 182 91.9 74.5 111.7
 145 31.1 24.2 36.2





#71

Naphthalene

Concen: 29.024 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

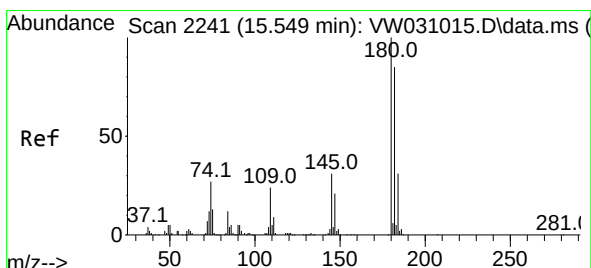
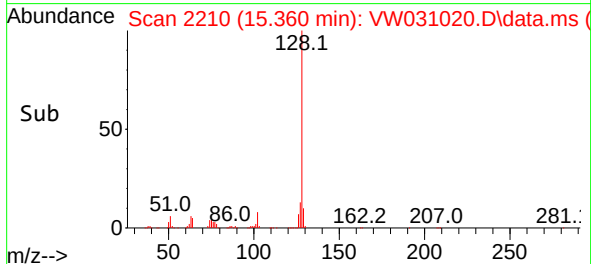
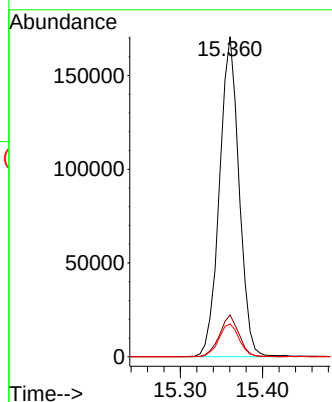
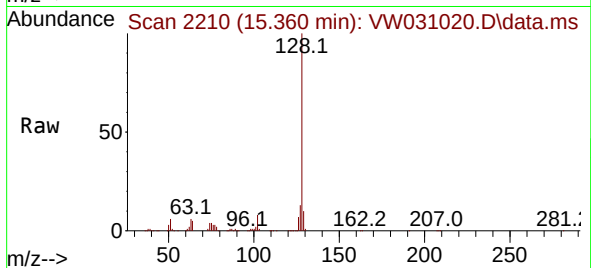
Tgt Ion:128 Resp: 282356

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 29.464 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031020.D

Acq: 15 Nov 2024 12:00

Tgt Ion:180 Resp: 152385

Ion Ratio Lower Upper

180 100

182 91.3 79.2 118.8

145 33.1 27.0 40.6

