

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014255.D
 Acq On : 24 Dec 2019 19:08
 Operator : JC/SP
 Sample : K6405-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Manual Integrations
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 12/26/2019 9:24:46 AM

Quant Time: Dec 25 08:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	483179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	766167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	688774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	280790	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.49	113	234066	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	891333	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	320373	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	187074	43.277	ug/l	100
3) Chloromethane	1.32	50	271677	46.832	ug/l	99
4) Vinyl Chloride	1.40	62	292601	47.801	ug/l	100
5) Bromomethane	1.63	94	193558	44.552	ug/l	97
6) Chloroethane	1.71	64	186683	49.414	ug/l	95
7) Trichlorofluoromethane	1.92	101	370202	48.856	ug/l	100
8) Diethyl Ether	2.18	74	173065	48.665	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218662	47.872	ug/l	100
10) Methyl Iodide	2.50	142	294429	48.937	ug/l	99
11) Tert butyl alcohol	3.03	59	322593	272.628	ug/l	97
12) 1,1-Dichloroethene	2.36	96	225563	48.530	ug/l	97
13) Acrolein	2.28	56	174487	257.605	ug/l	97
14) Allyl chloride	2.72	41	422296	50.887	ug/l	98
15) Acrylonitrile	3.13	53	740569	268.143	ug/l	99
16) Acetone	2.43	43	624345	175.614	ug/l	100
17) Carbon Disulfide	2.56	76	574910	44.637	ug/l	100
18) Methyl Acetate	2.76	43	345747	49.078	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	793008	51.922	ug/l	100
20) Methylene Chloride	2.85	84	269435	48.126	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	247689	48.372	ug/l	100
22) Diisopropyl ether	3.84	45	879447	53.180	ug/l	95
23) Vinyl Acetate	3.80	43	3452711	255.847	ug/l	100
24) 1,1-Dichloroethane	3.69	63	464903	50.530	ug/l	99
25) 2-Butanone	4.66	43	1027224	234.357	ug/l	99
26) 2,2-Dichloropropane	4.57	77	317347	44.425	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	292450	50.500	ug/l	98
28) Bromochloromethane	5.00	49	197549	55.777	ug/l	96
29) Tetrahydrofuran	5.11	42	672622	274.359	ug/l	99
30) Chloroform	5.20	83	454475	52.107	ug/l	99
31) Cyclohexane	5.57	56	403735	49.338	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	375318	50.490	ug/l	100
36) 1,1-Dichloropropene	5.79	75	334424	47.571	ug/l	99
37) Ethyl Acetate	4.82	43	374931	48.296	ug/l	99
38) Carbon Tetrachloride	5.78	117	317402	49.561	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390438	44.979	ug/l	100
40) Benzene	6.14	78	1062137	49.104	ug/l	100
41) Methacrylonitrile	5.03	41	228128	52.962	ug/l	96
42) 1,2-Dichloroethane	6.18	62	362803	49.481	ug/l	99
43) Isopropyl Acetate	6.43	43	630782	49.098	ug/l	100
44) Trichloroethene	7.21	130	282565	47.295	ug/l	98
45) 1,2-Dichloropropane	7.51	63	279759	50.461	ug/l	98
46) Dibromomethane	7.65	93	175821	47.967	ug/l	99
47) Bromodichloromethane	7.89	83	347181	50.291	ug/l	99
48) Methyl methacrylate	7.76	41	324850	51.636	ug/l	99
49) 1,4-Dioxane	7.73	88	133805	1045.142	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2087817	258.761	ug/l	99
52) Toluene	8.78	92	658593	48.171	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	379547	50.141	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	420700	49.887	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	272040	49.646	ug/l	99
56) Ethyl methacrylate	9.17	69	443164	51.486	ug/l	99
57) 1,3-Dichloropropane	9.37	76	464151	50.345	ug/l	100
59) 2-Hexanone	9.48	43	1579226	243.139	ug/l	99
60) Dibromochloromethane	9.57	129	281823	51.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	283060	50.488	ug/l	100
64) Tetrachloroethene	9.33	164	278501	45.695	ug/l	99
65) Chlorobenzene	10.14	112	714869	48.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	263509	50.393	ug/l	99
67) Ethyl Benzene	10.25	91	1245344	49.461	ug/l	100
68) m/p-Xylenes	10.36	106	940021	97.071	ug/l	99
69) o-Xylene	10.70	106	467452	49.218	ug/l	99
70) Styrene	10.71	104	791013	49.253	ug/l	99
71) Bromoform	10.85	173	216196	51.435	ug/l	100
73) Isopropylbenzene	11.01	105	1214432	50.960	ug/l	100
74) N-amyl acetate	10.89	43	536115	47.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	423668	51.279	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	339868m	46.252	ug/l	
77) Bromobenzene	11.25	156	318233	48.535	ug/l	99
78) n-propylbenzene	11.35	91	1356585	50.750	ug/l	100
79) 2-Chlorotoluene	11.42	91	810748	49.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	999311	49.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	131228	50.406	ug/l	97
82) 4-Chlorotoluene	11.51	91	930870	49.387	ug/l	98
83) tert-Butylbenzene	11.76	119	1003325	51.404	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1019870	50.777	ug/l	100
85) sec-Butylbenzene	11.94	105	1162400	50.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	1055684	50.087	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	544333	47.368	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	542101	46.394	ug/l	100
89) n-Butylbenzene	12.39	91	890234	49.500	ug/l	100
90) Hexachloroethane	12.59	117	191572	50.603	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	555817	48.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88076	48.172	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	355740	47.314	ug/l	99

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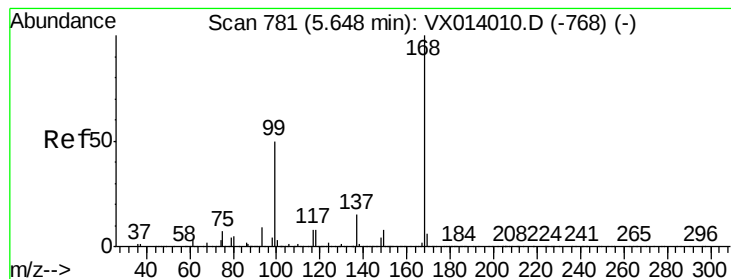
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	165352	45.759	ug/l	96
95) Naphthalene	13.83	128	1104462	49.997	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362558	48.848	ug/l	98

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



#1

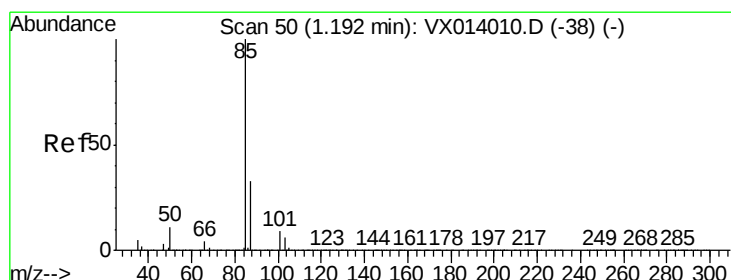
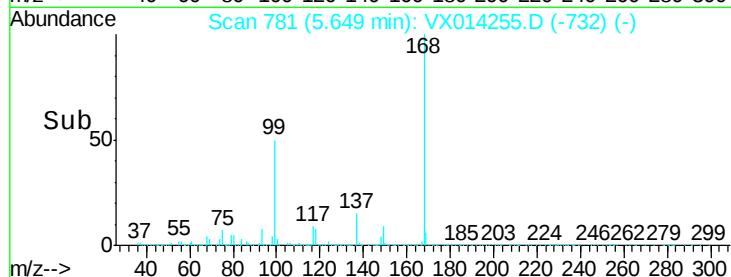
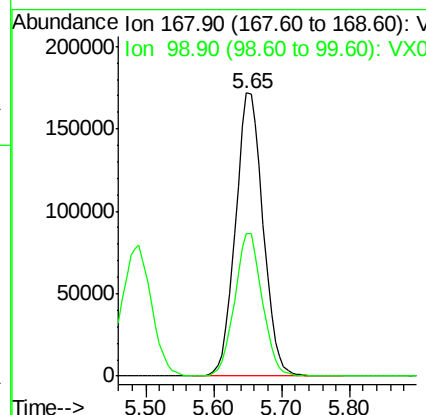
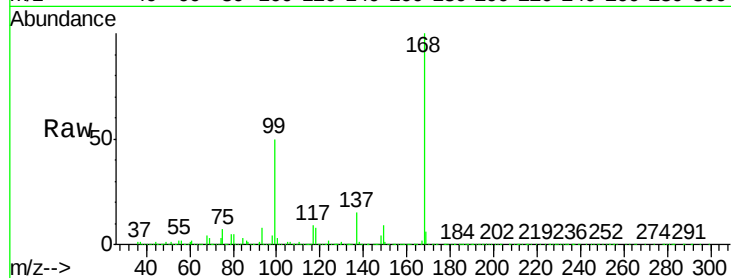
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.3	60.5

Manual Integrations
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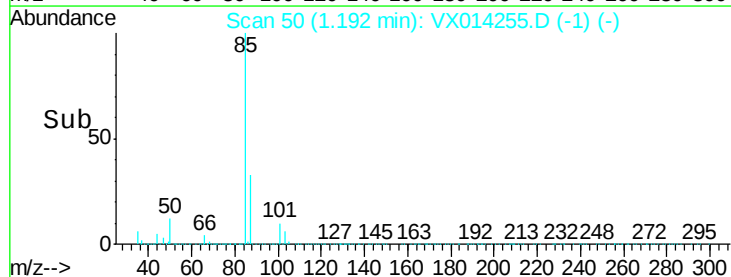
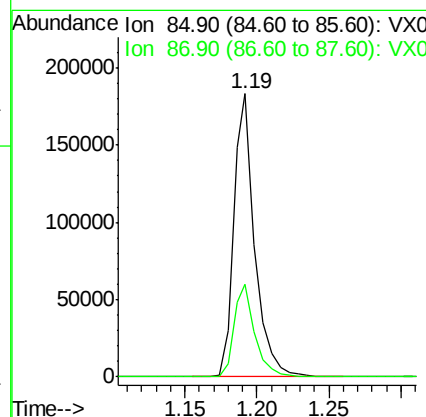
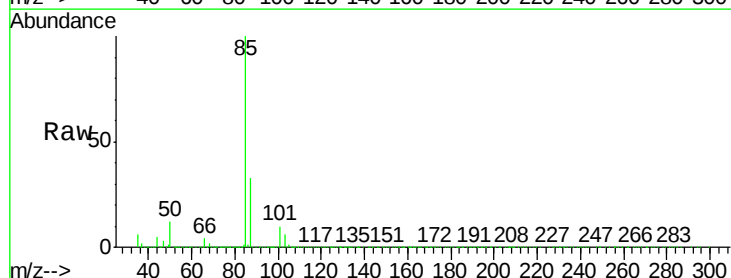
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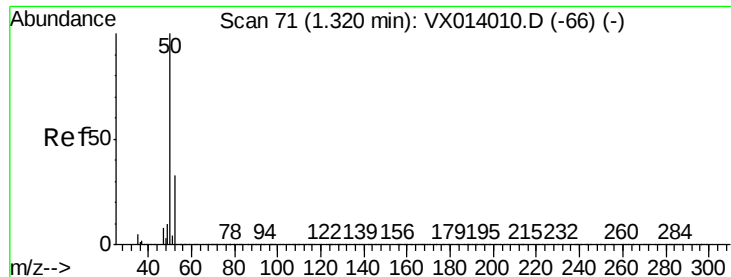


#2

Dichlorodifluoromethane
 Concen: 43.277 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.4	49.2





#3

Chloromethane

Concen: 46.832 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 50 Resp: 271677

Ion Ratio Lower Upper

50 100

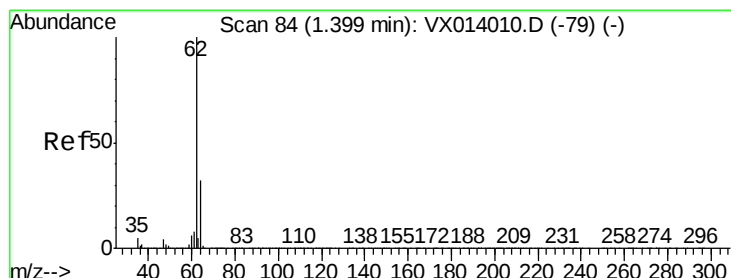
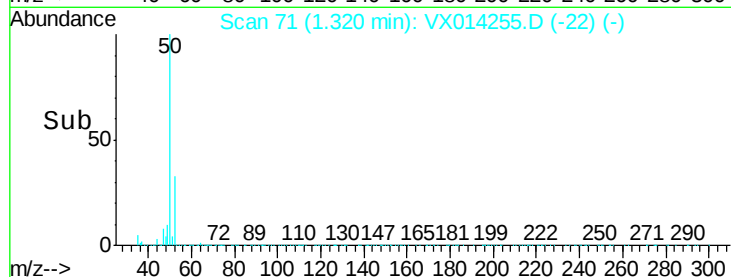
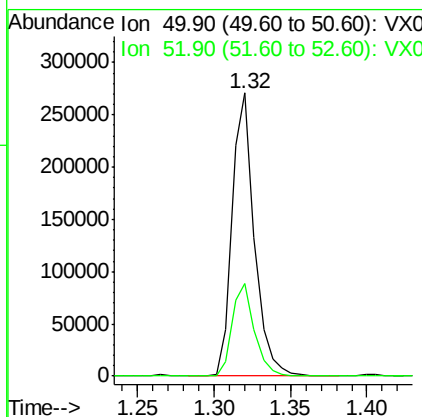
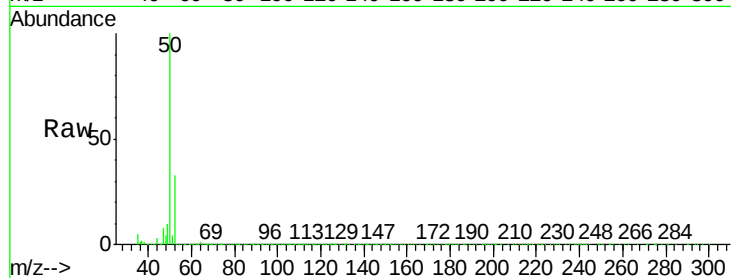
52 32.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.801 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014255.D

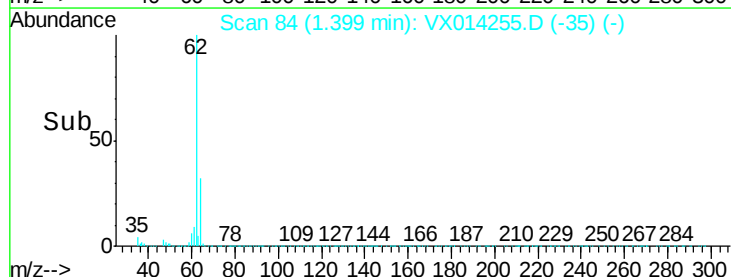
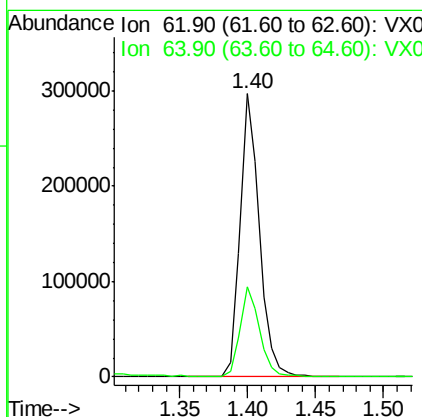
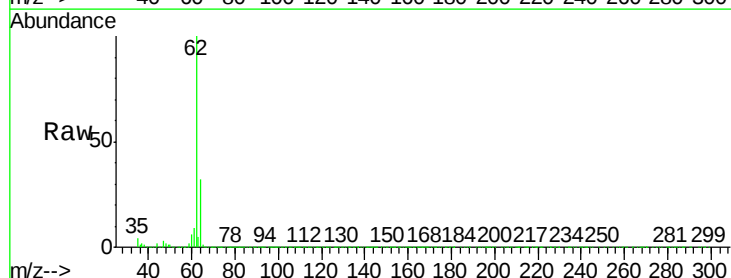
Acq: 24 Dec 2019 19:08

Tgt Ion: 62 Resp: 292601

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 44.552 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 94 Resp: 193558

Ion Ratio Lower Upper

94 100

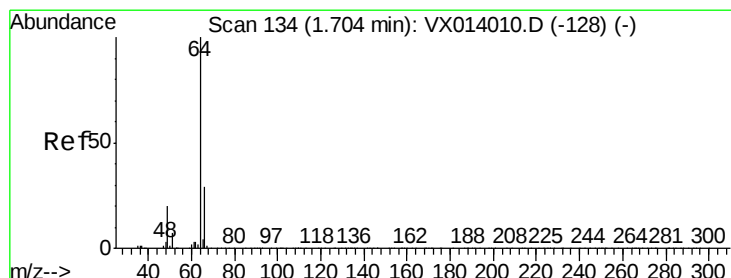
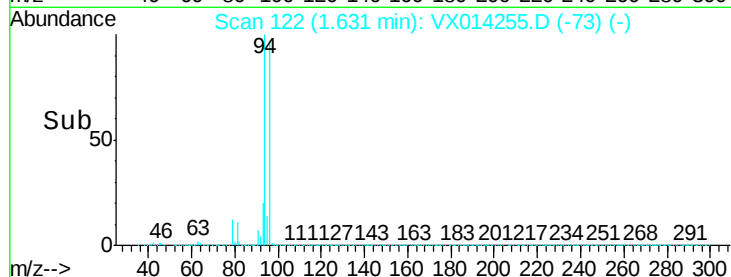
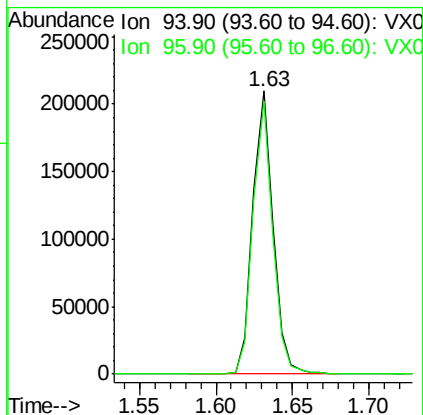
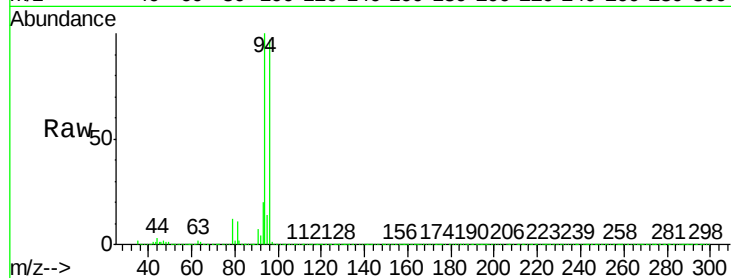
96 96.5 75.2 112.8

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#6

Chloroethane

Concen: 49.414 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014255.D

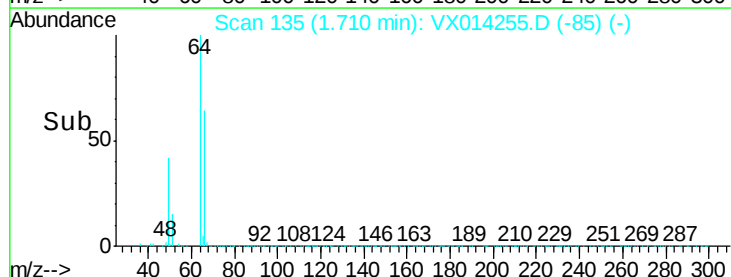
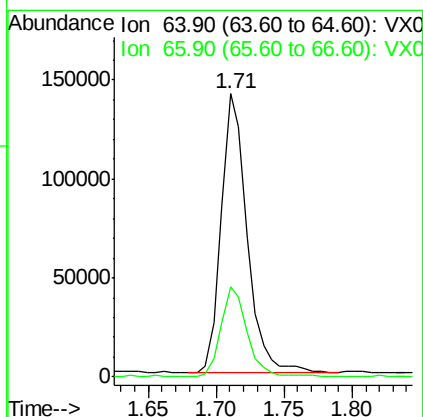
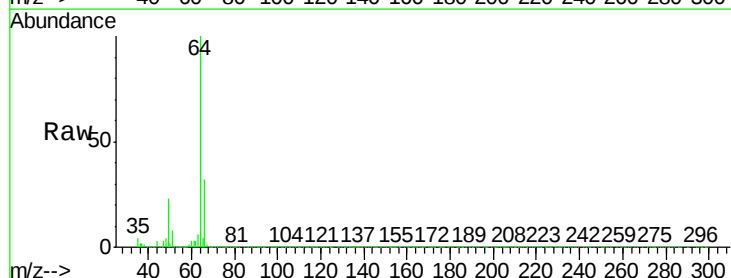
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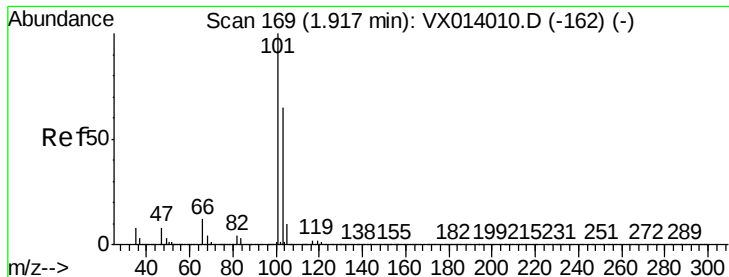
Tgt Ion: 64 Resp: 186683

Ion Ratio Lower Upper

64 100

66 32.2 23.4 35.2





#7

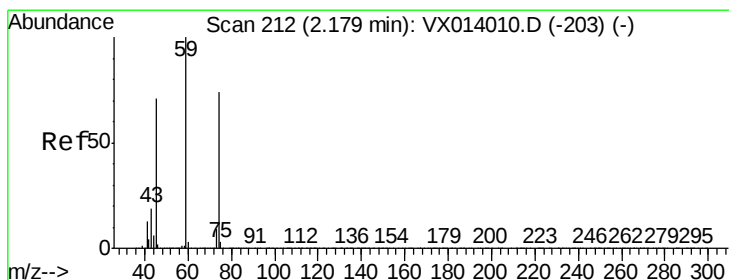
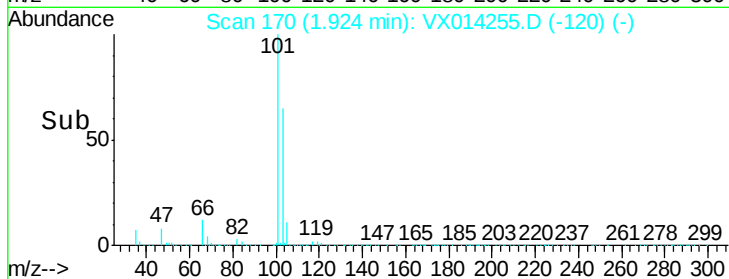
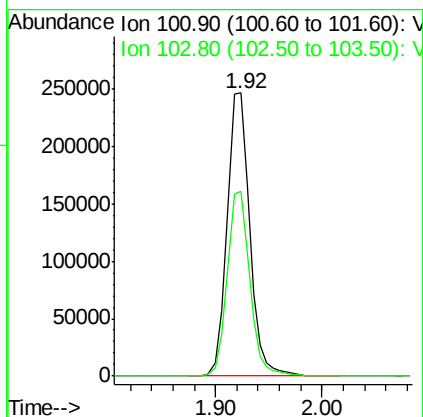
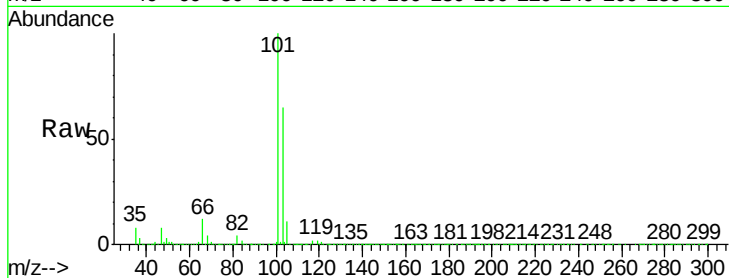
Trichlorofluoromethane
Concen: 48.856 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	370202		
103	65.4	52.2	78.4	

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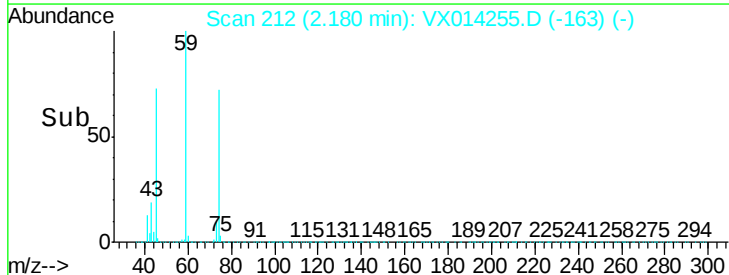
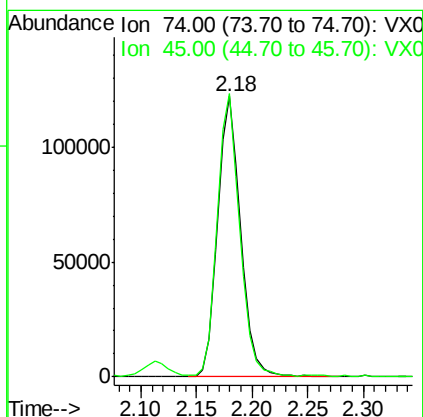
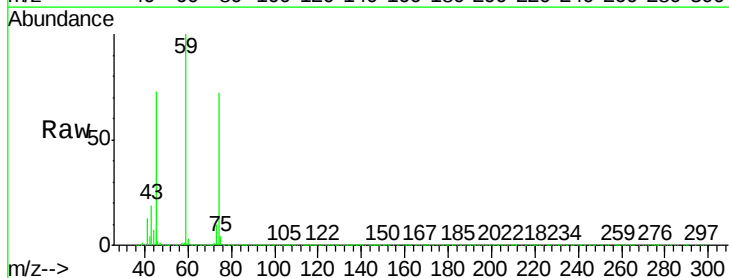
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#8

Diethyl Ether
Concen: 48.665 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	173065		
45	98.5	48.1	144.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.872 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

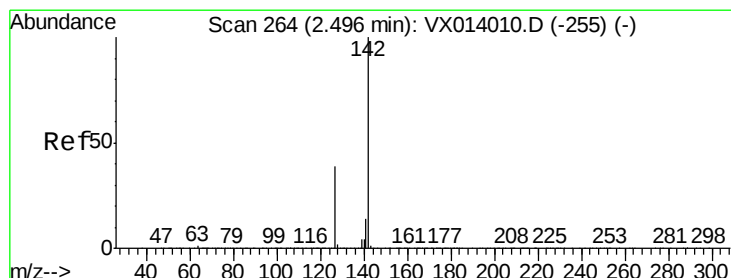
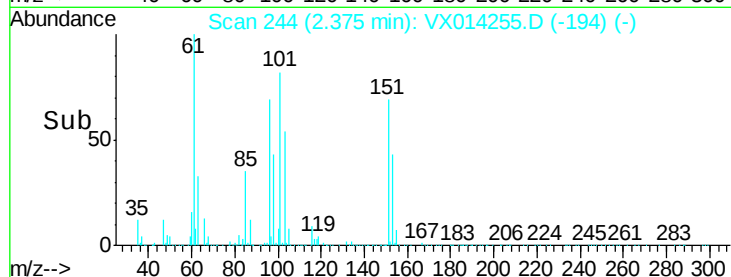
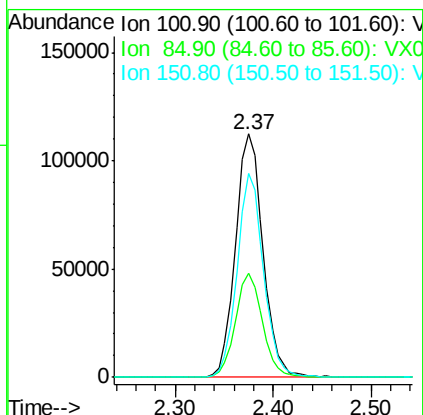
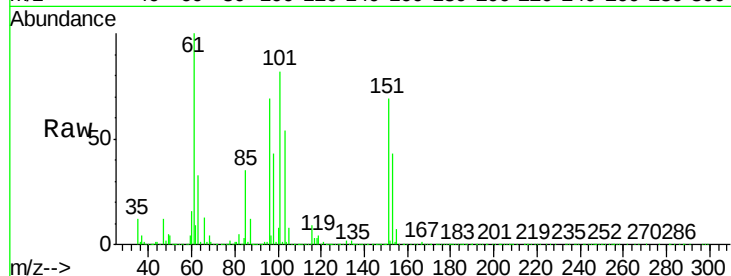
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	101	Resp:	218662
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	80.9	64.5	96.7

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#10

Methyl Iodide

Concen: 48.937 ug/l

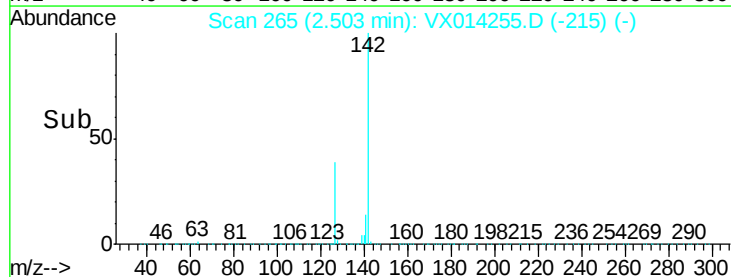
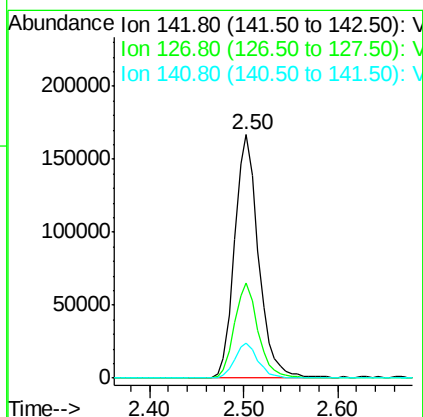
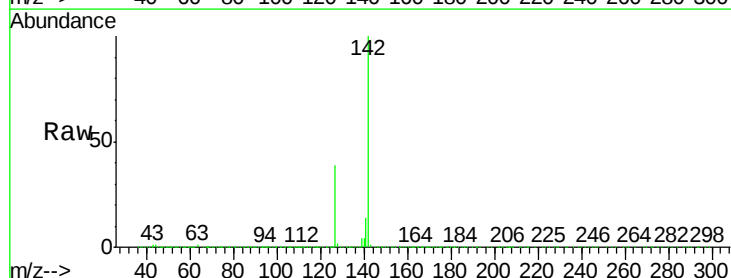
RT: 2.50 min Scan# 265

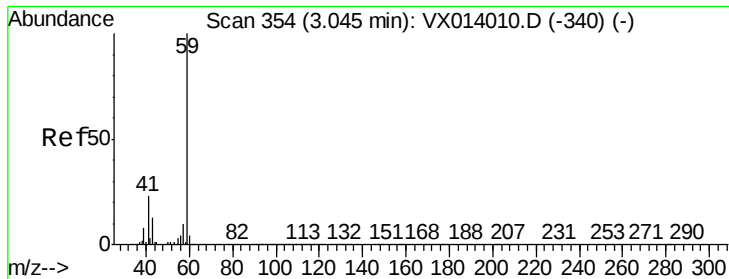
Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	142	Resp:	294429
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.6	47.4
141	14.0	11.6	17.4





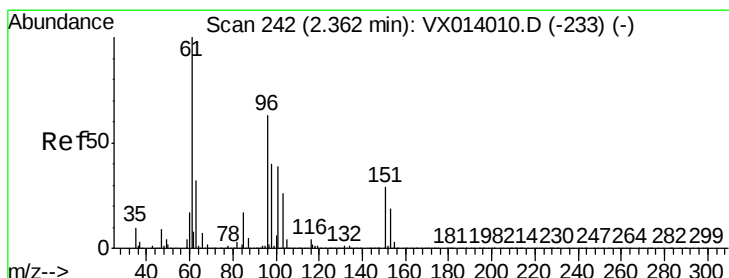
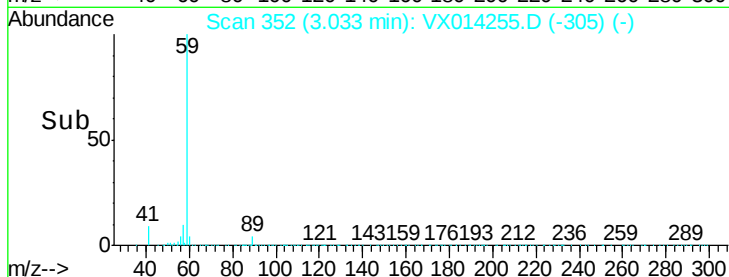
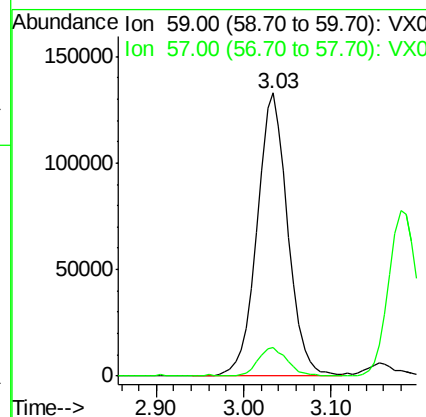
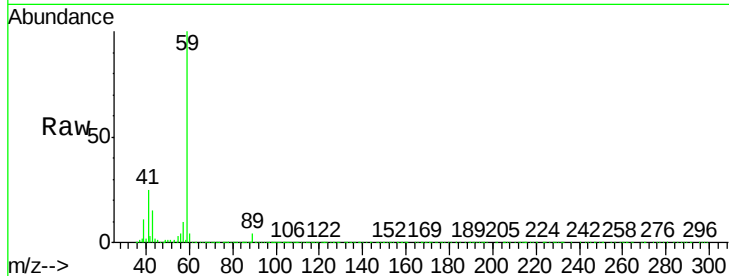
#11
Tert butyl alcohol
Concen: 272.628 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	322593		
57	9.4		8.4	12.6

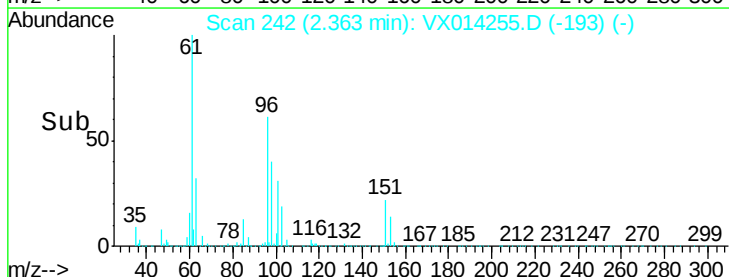
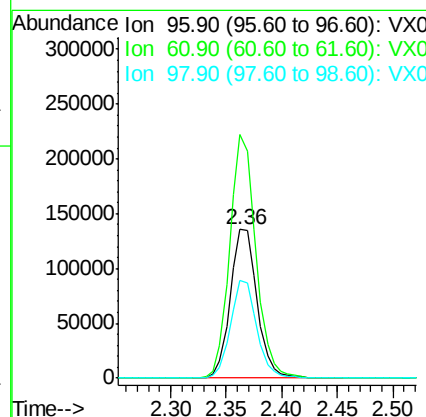
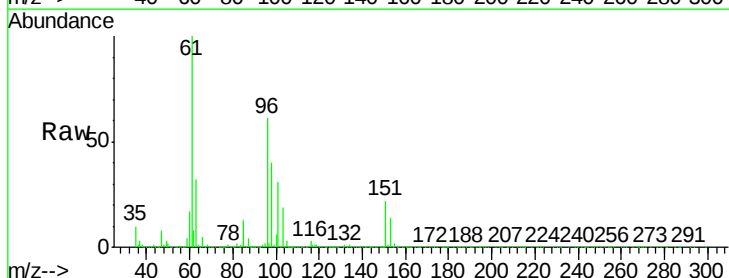
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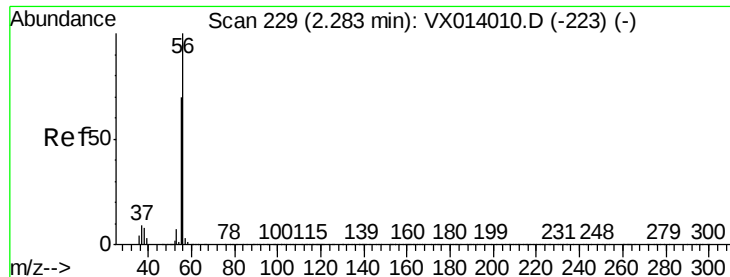
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#12
1,1-Dichloroethene
Concen: 48.530 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	225563		
61	163.6		127.9	191.9
98	65.3		50.5	75.7





#13

Acrolein

Concen: 257.605 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 56 Resp: 174487

Ion Ratio Lower Upper

56 100

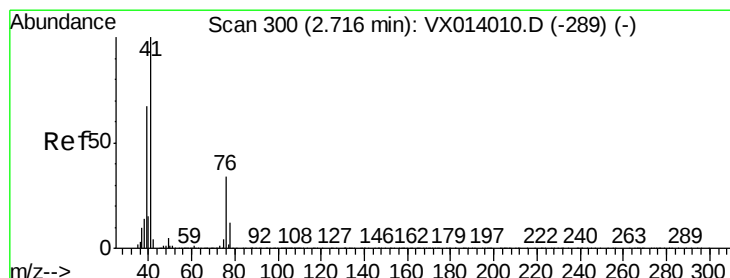
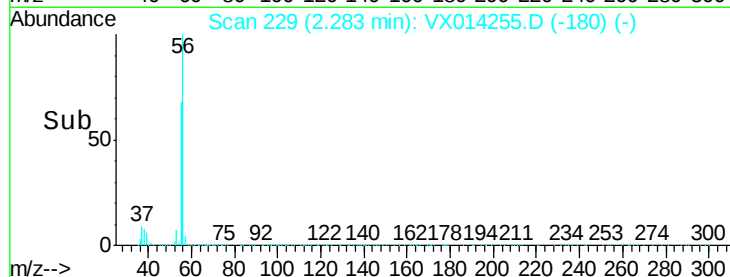
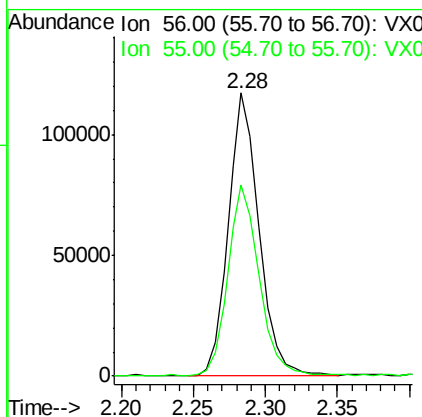
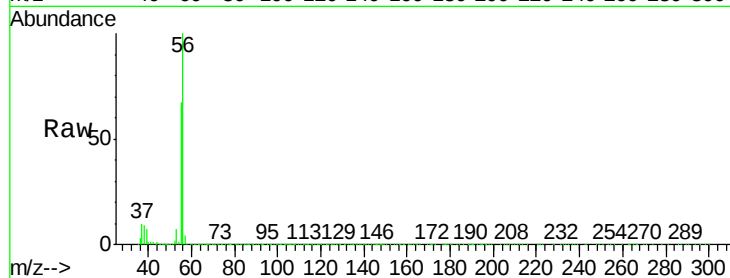
55 68.9 56.9 85.3

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#14

Allyl chloride

Concen: 50.887 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

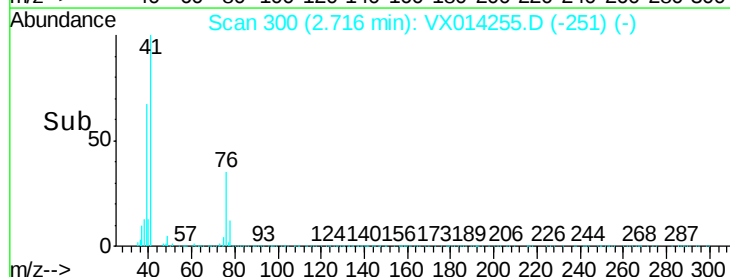
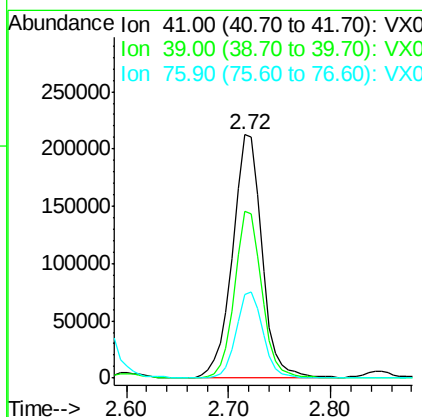
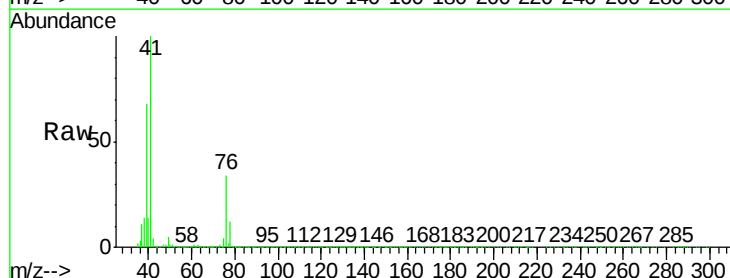
Tgt Ion: 41 Resp: 422296

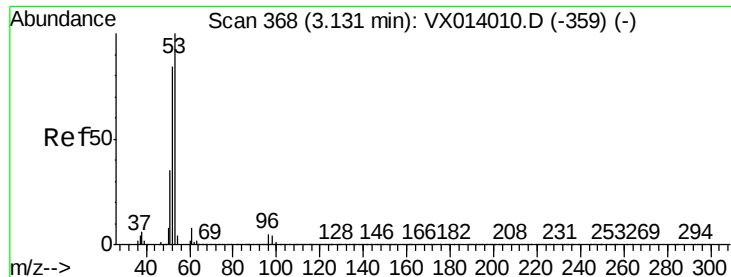
Ion Ratio Lower Upper

41 100

39 63.0 51.8 77.8

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 268.143 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

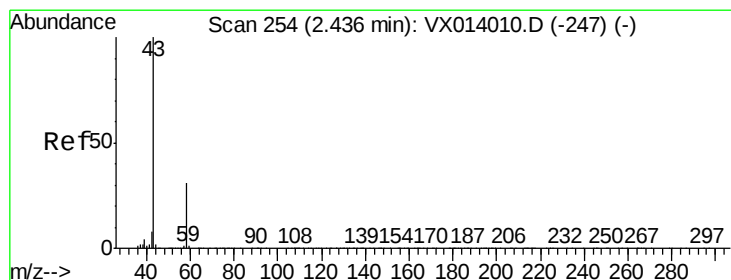
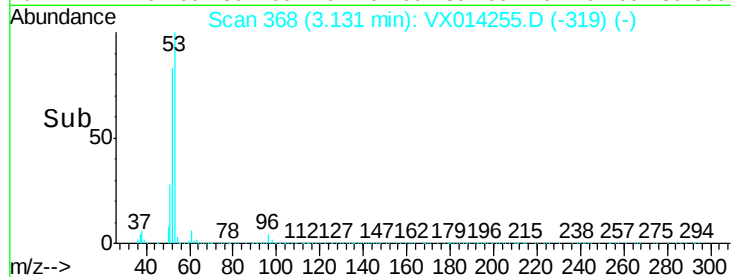
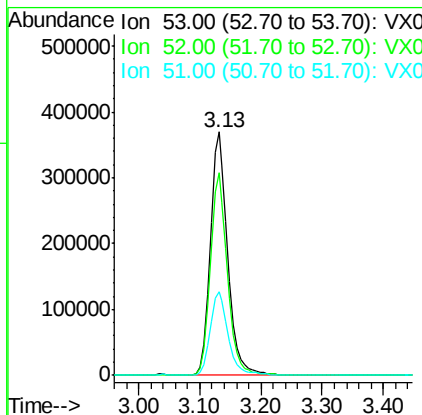
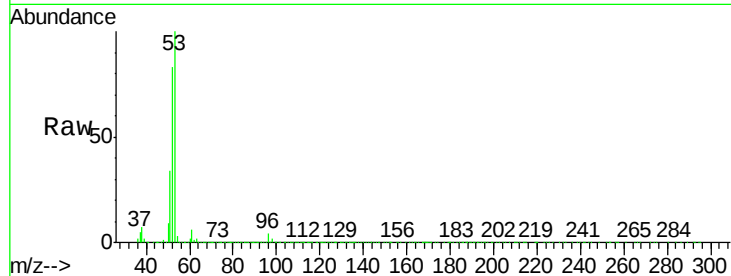
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	53	Resp:	740569
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	35.5	28.1	42.1

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#16

Acetone

Concen: 175.614 ug/l

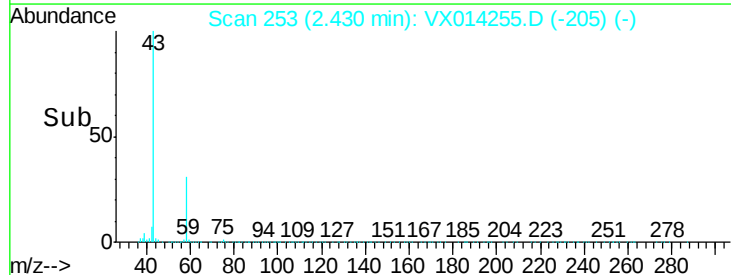
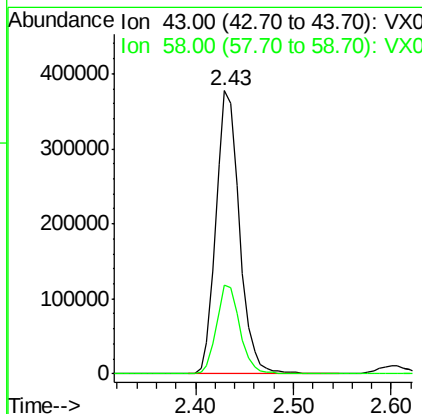
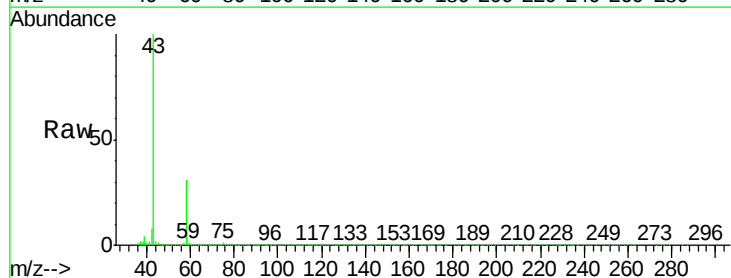
RT: 2.43 min Scan# 253

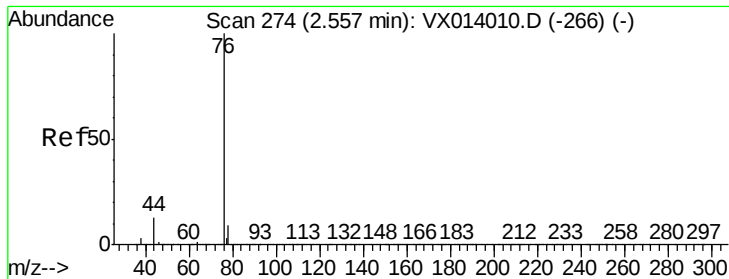
Delta R.T. -0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	43	Resp:	624345
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 44.637 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 76 Resp: 574910

Ion Ratio Lower Upper

76 100

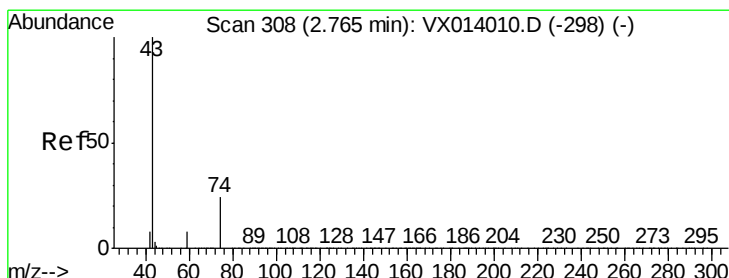
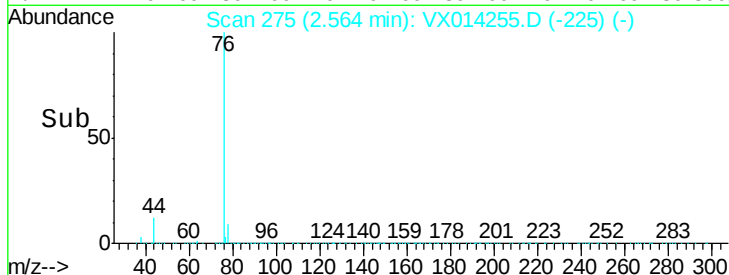
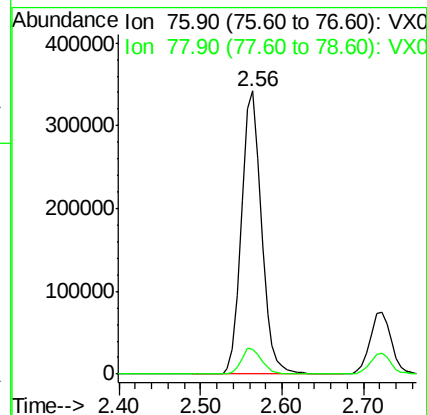
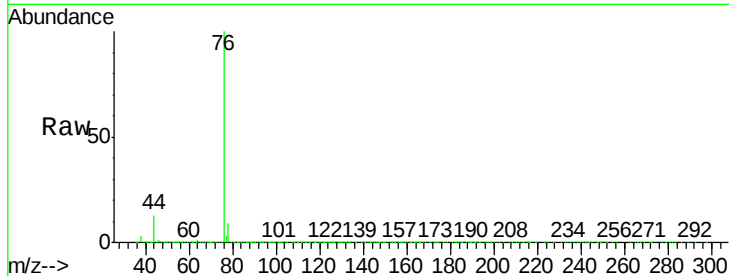
78 8.9 7.2 10.8

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#18

Methyl Acetate

Concen: 49.078 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014255.D

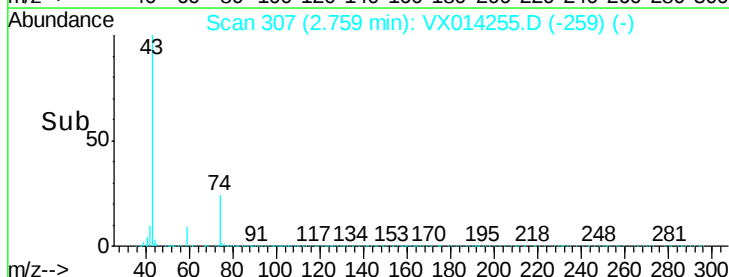
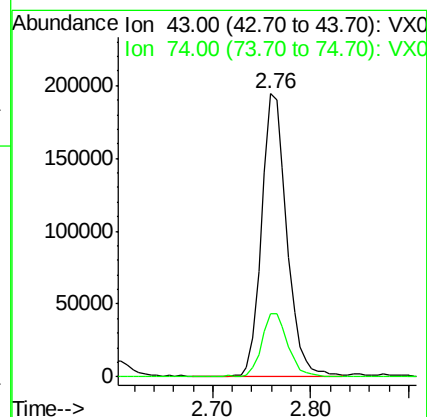
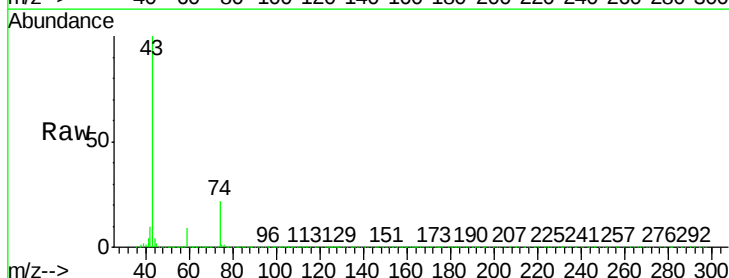
Acq: 24 Dec 2019 19:08

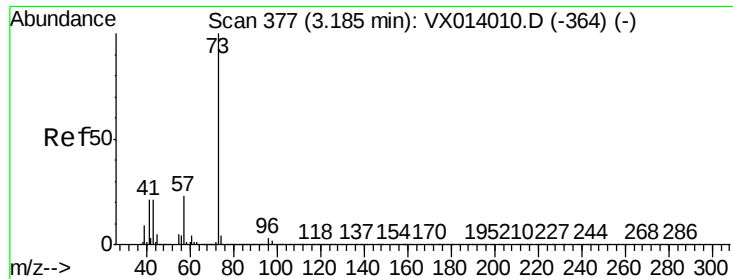
Tgt Ion: 43 Resp: 345747

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3





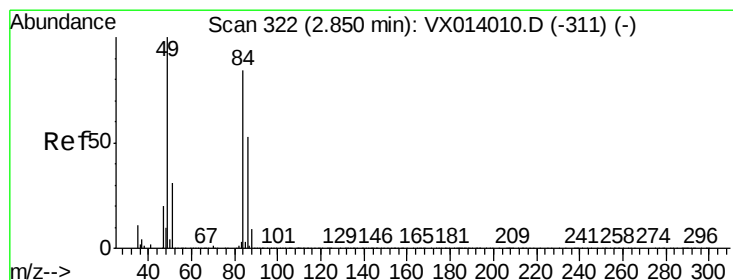
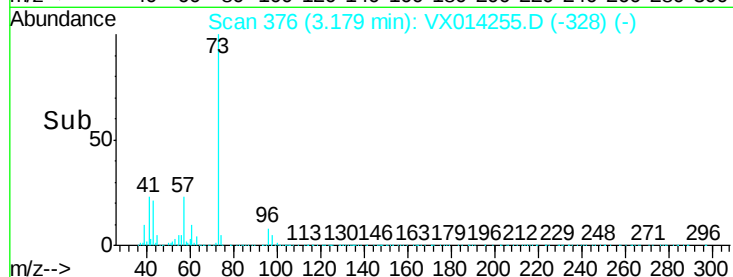
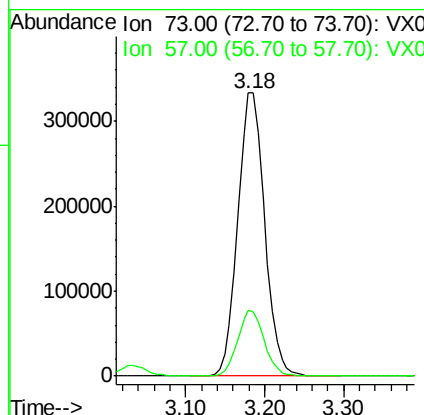
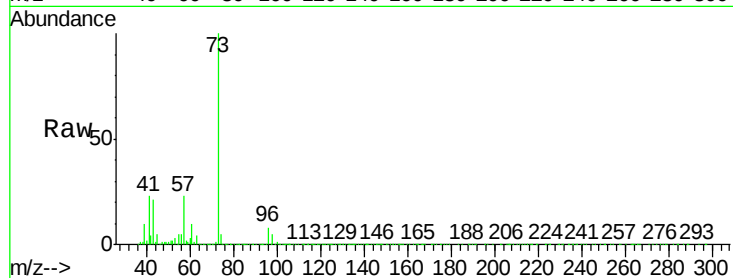
#19
Methvl tert-butvl Ether
Concen: 51.922 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.8	28.2

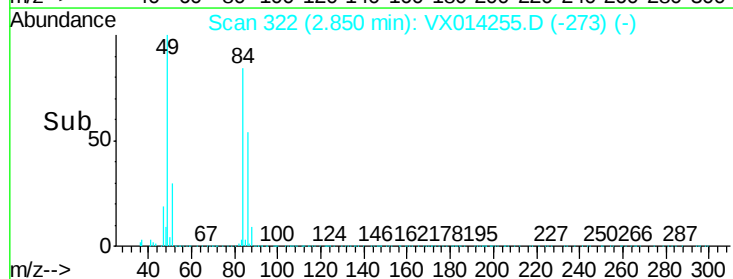
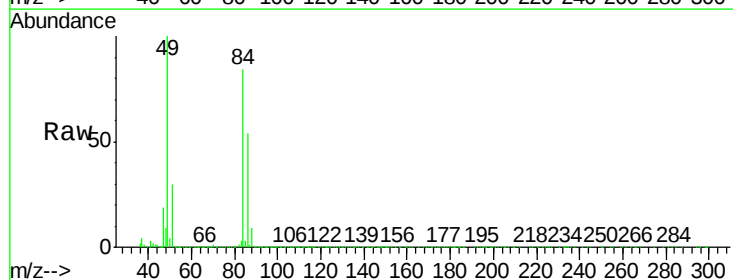
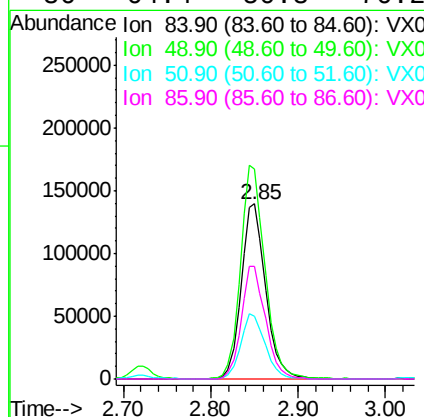
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#20
Methylene Chloride
Concen: 48.126 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.8	143.6
51	36.0	29.8	44.8
86	64.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.372 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

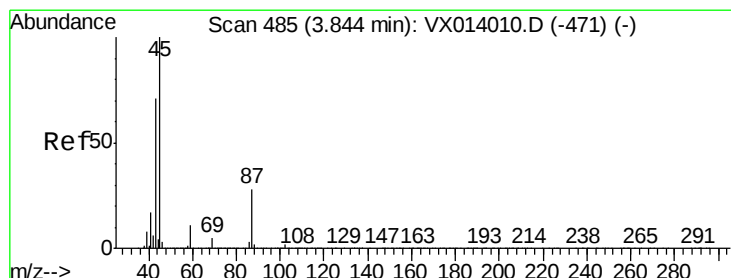
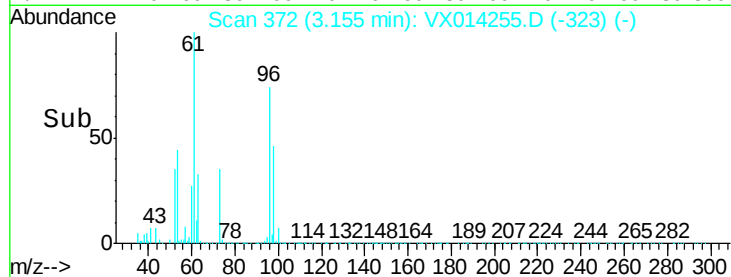
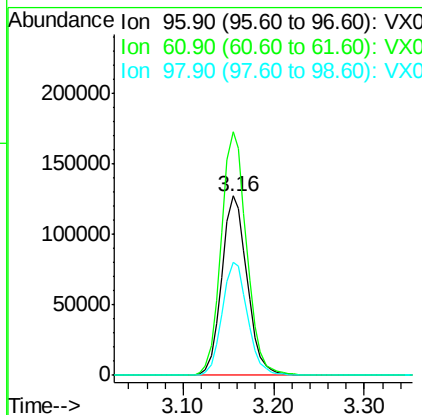
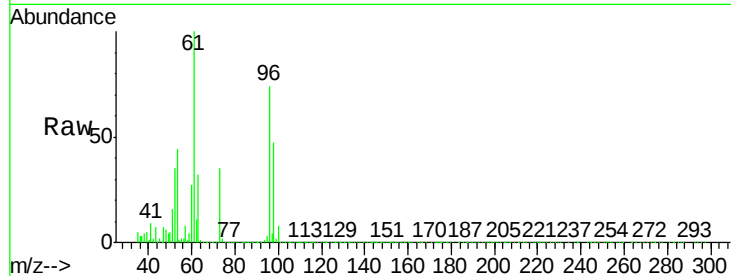
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	96	Resp:	247689
Ion Ratio	Lower	Upper	
96	100		
61	135.6	108.3	162.5
98	63.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 53.180 ug/l

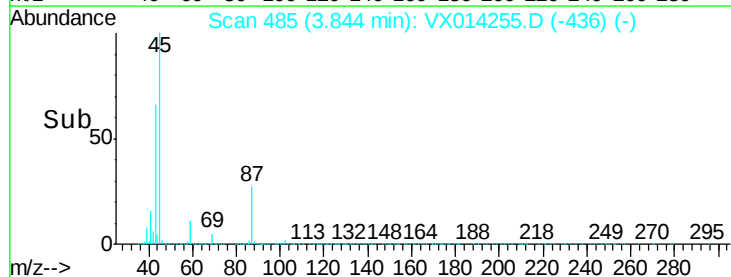
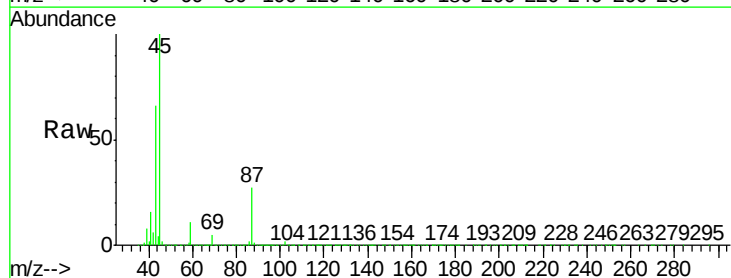
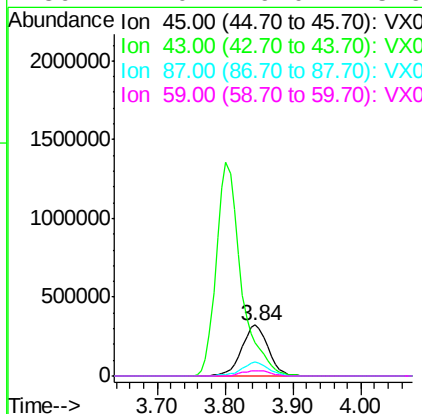
RT: 3.84 min Scan# 485

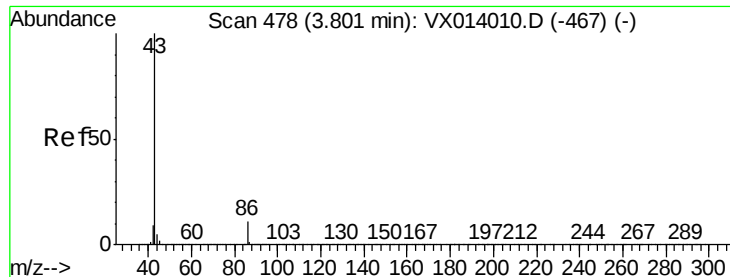
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	45	Resp:	879447
Ion Ratio	Lower	Upper	
45	100		
43	66.0	57.4	86.0
87	27.2	21.9	32.9
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 255.847 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 43 Resp: 3452711

Ion Ratio Lower Upper

43 100

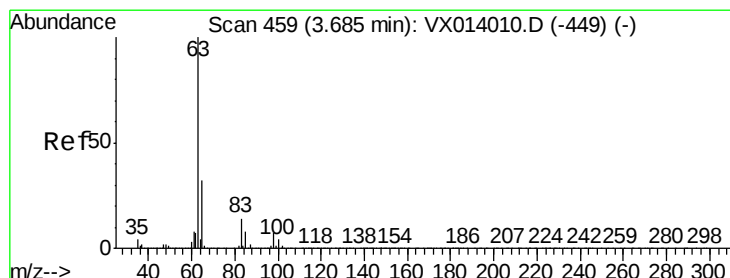
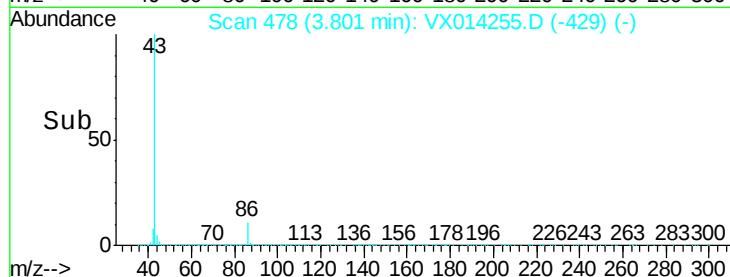
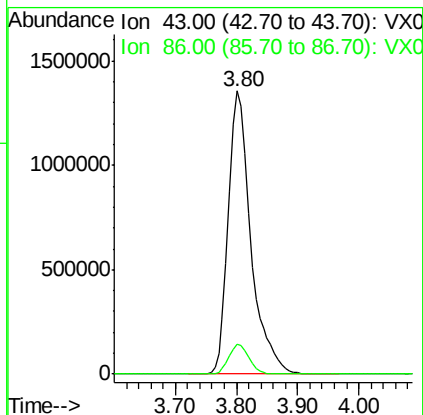
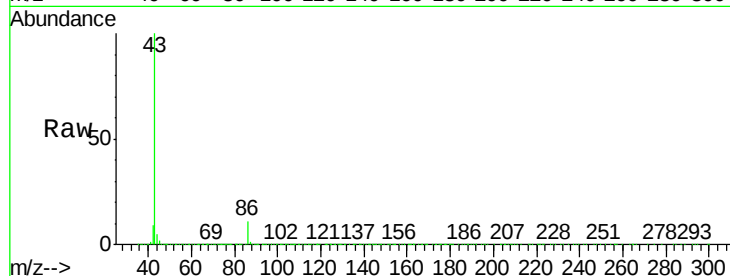
86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.530 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

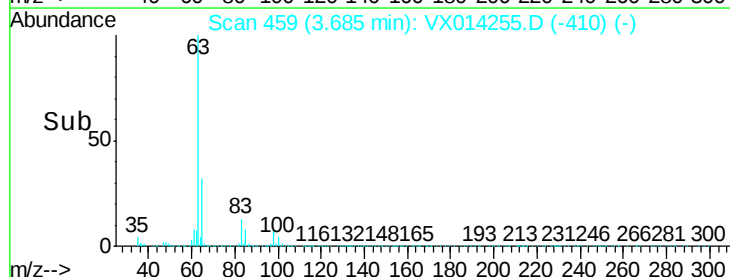
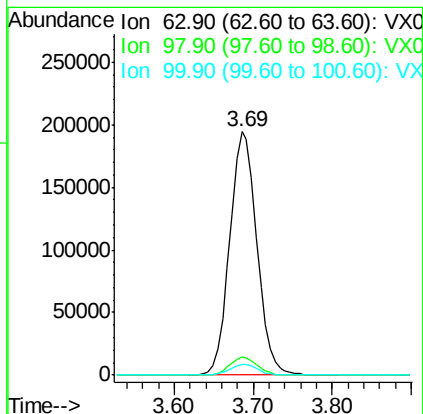
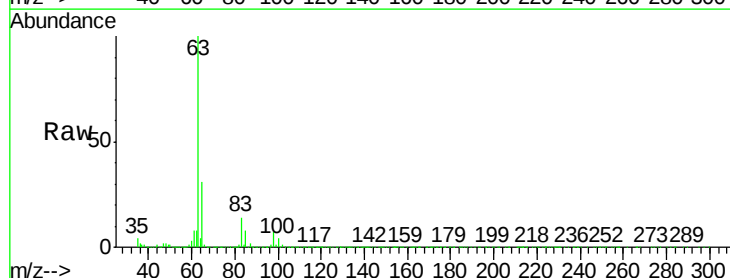
Tgt Ion: 63 Resp: 464903

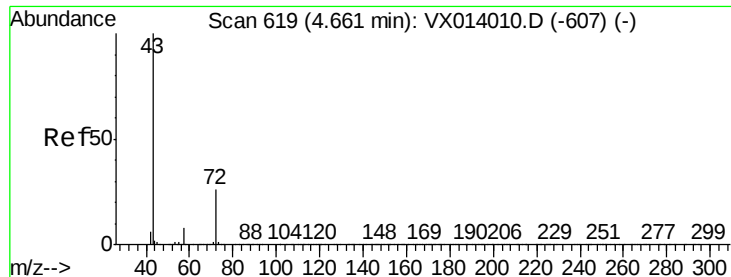
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 234.357 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tot Ion: 43 Resp: 1027224

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

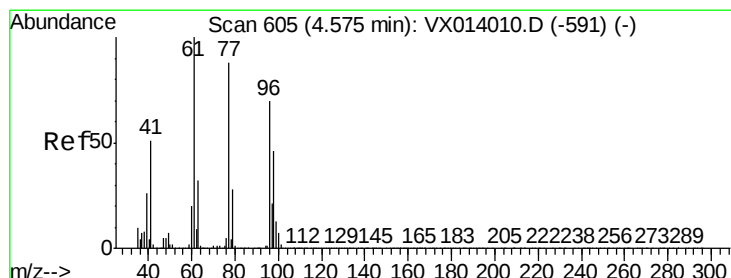
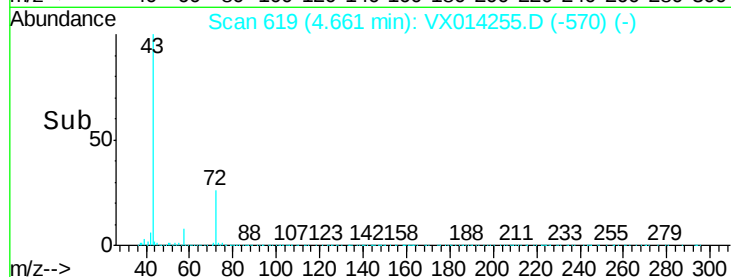
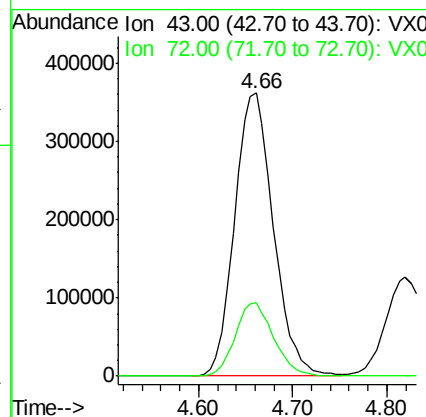
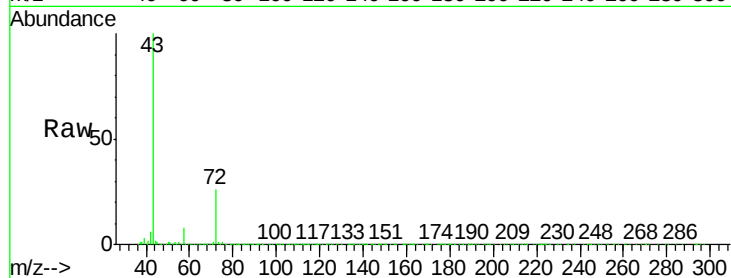
996-MW-15-(17)MS

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#26

2,2-Dichloropropane

Concen: 44.425 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014255.D

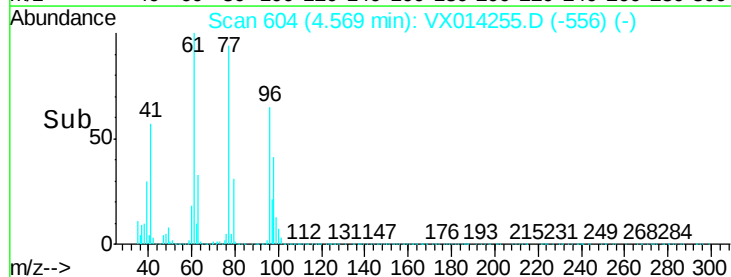
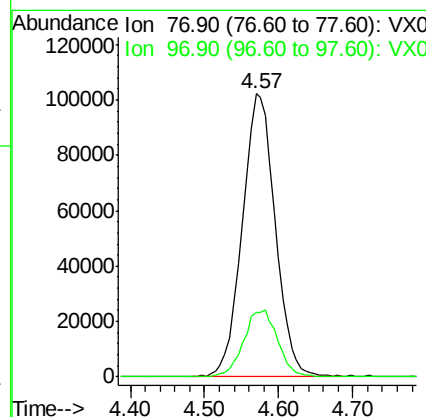
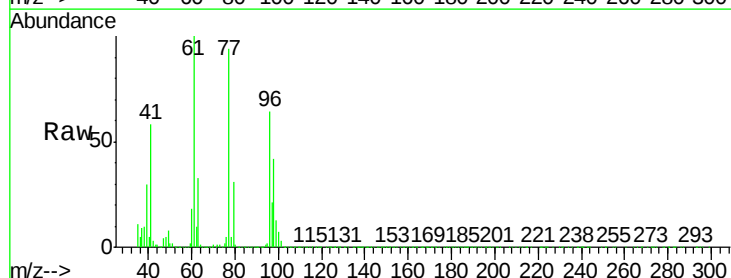
Acq: 24 Dec 2019 19:08

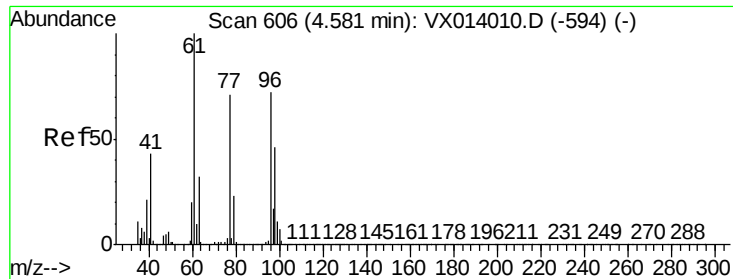
Tgt Ion: 77 Resp: 317347

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





#27

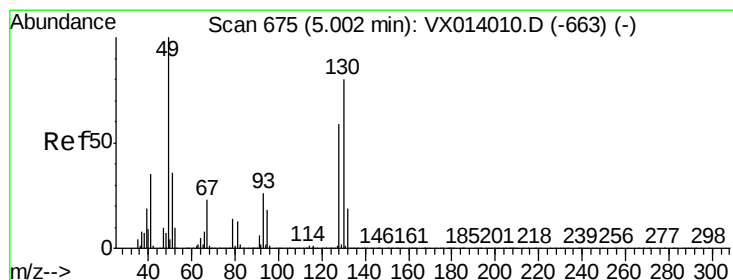
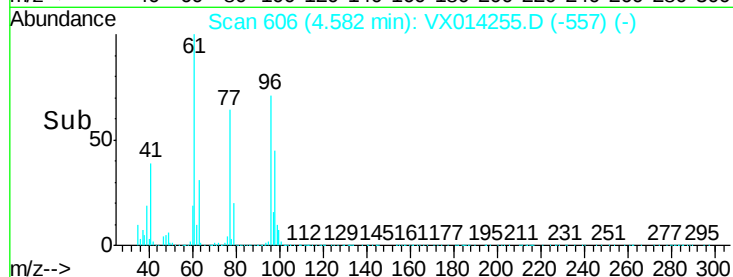
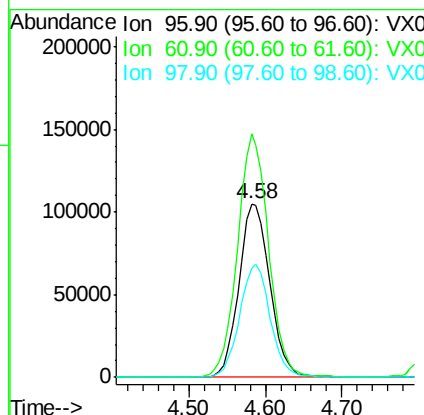
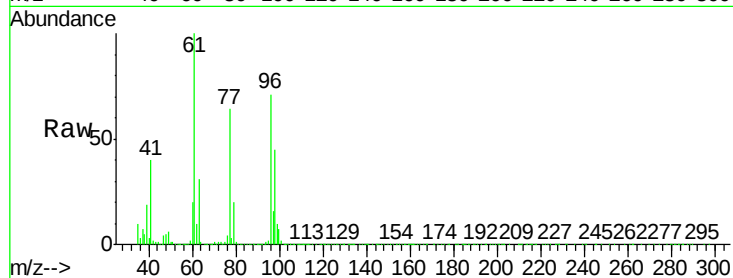
cis-1,2-Dichloroethene
Concen: 50.500 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	292450		
61	141.4	0.0	288.4	
98	64.5	0.0	129.6	

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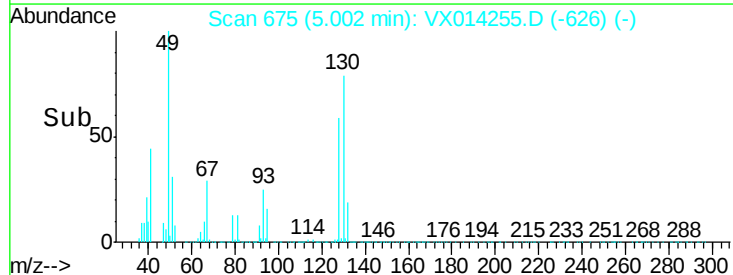
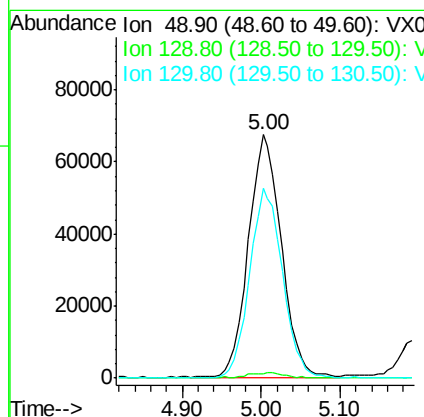
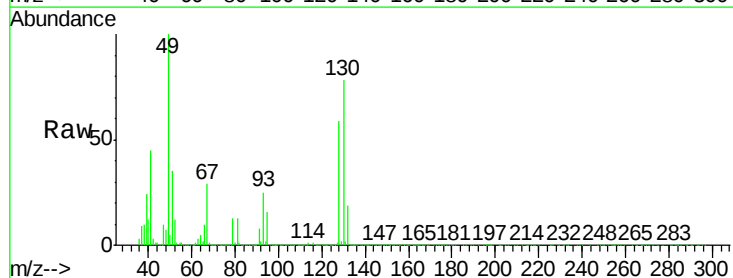
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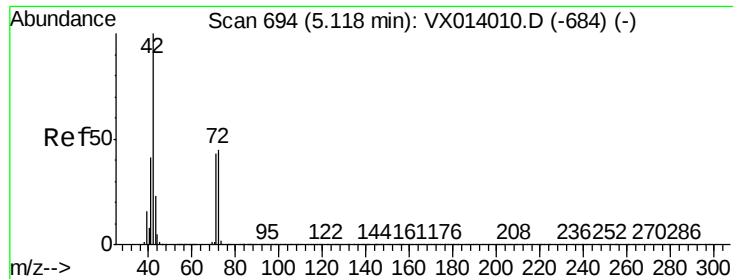


#28

Bromochloromethane
Concen: 55.777 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	197549		
129	2.5	0.0	5.0	
130	77.4	64.6	97.0	





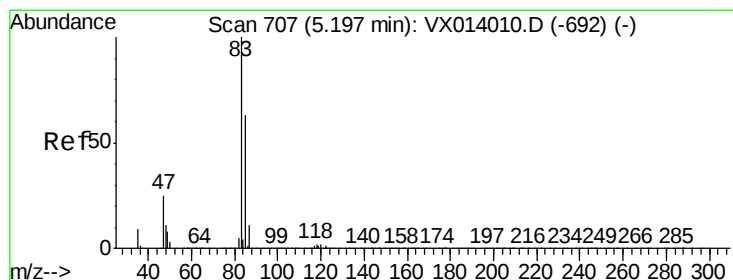
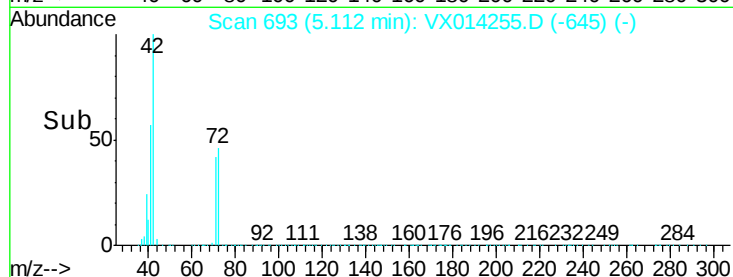
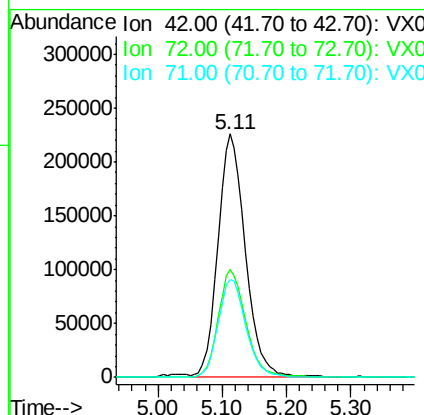
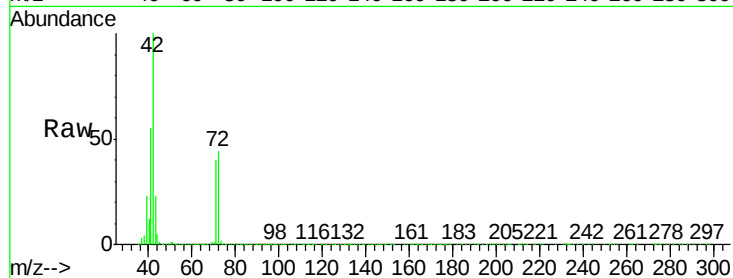
#29
Tetrahydrofuran
Concen: 274.359 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.8	53.8
71	41.0	33.6	50.4

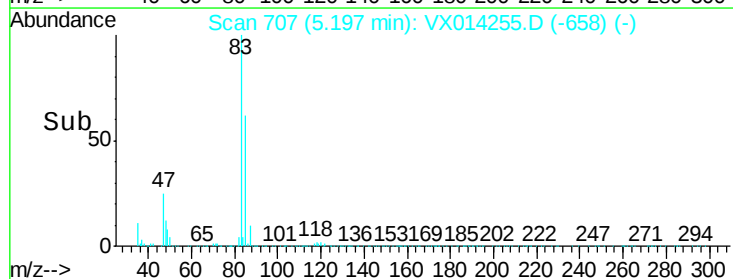
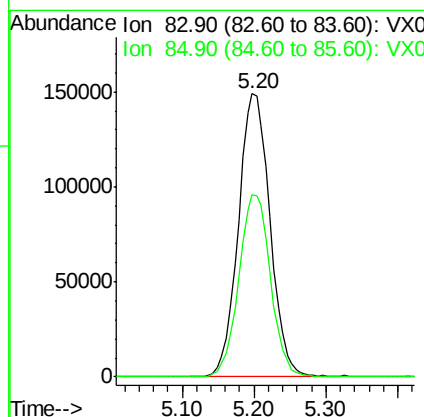
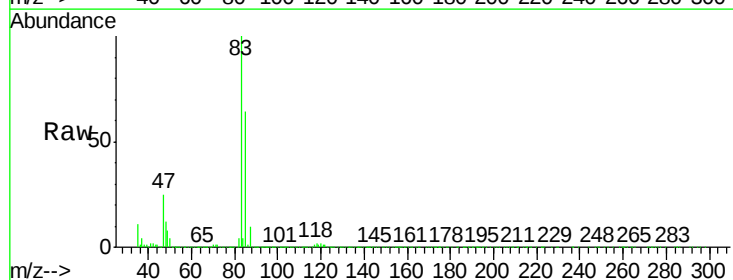
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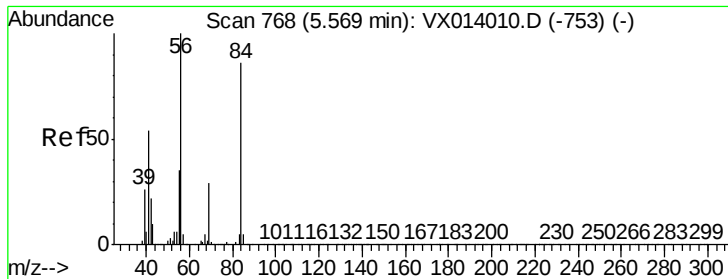
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#30
Chloroform
Concen: 52.107 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2





#31

Cyclohexane

Concen: 49.338 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

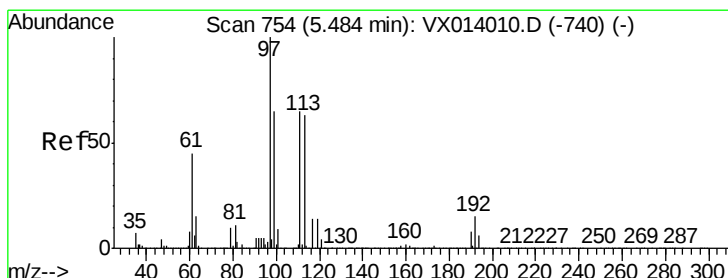
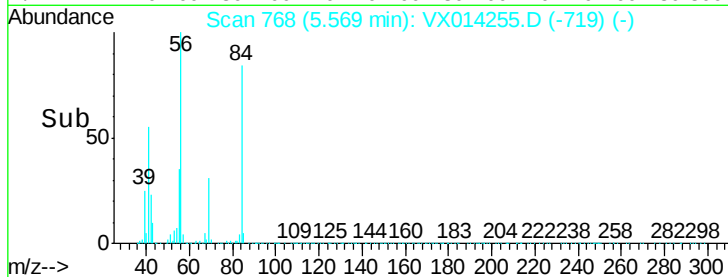
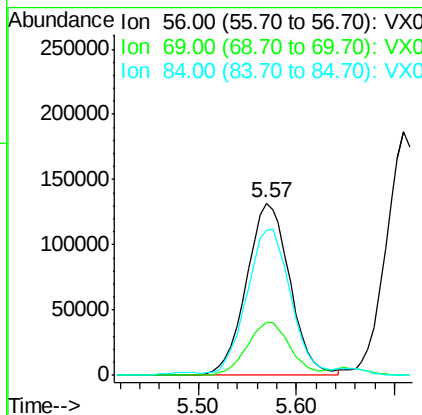
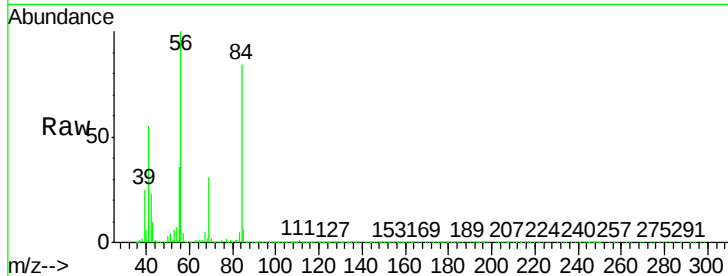
ClientSampleId :

996-MW-15-(17)MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.8	23.2	34.8	
84	82.7	69.2	103.8	

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#32

1,1,1-Trichloroethane

Concen: 50.490 ug/l

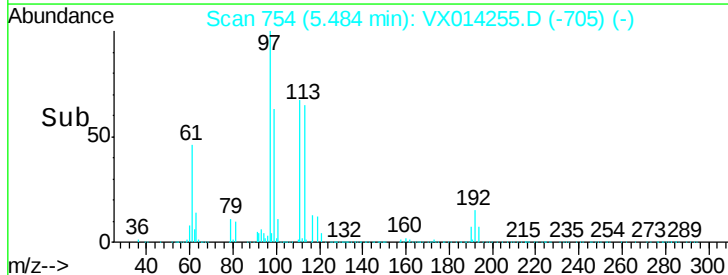
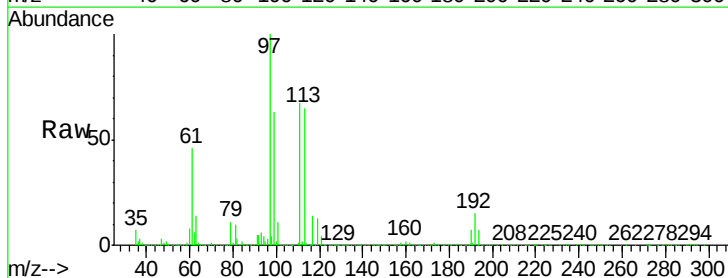
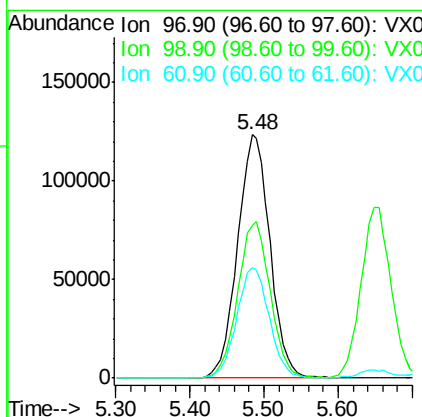
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.9	52.0	78.0	
61	45.5	36.7	55.1	





#33

1,2-Dichloroethane-d4

Concen: 51.275 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 65 Resp: 280790

Ion Ratio Lower Upper

65 100

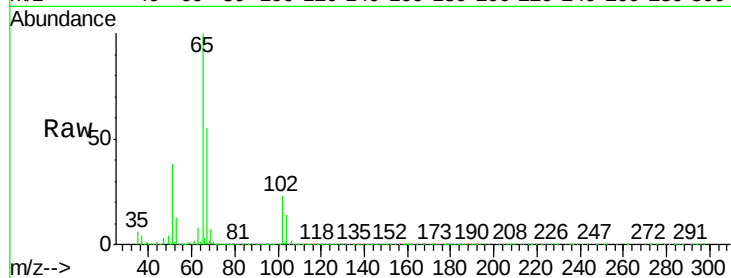
67 53.8 0.0 106.4

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

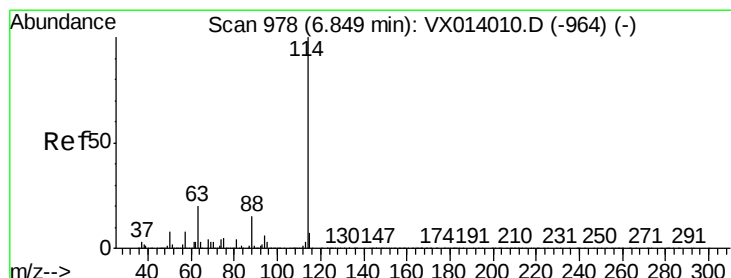
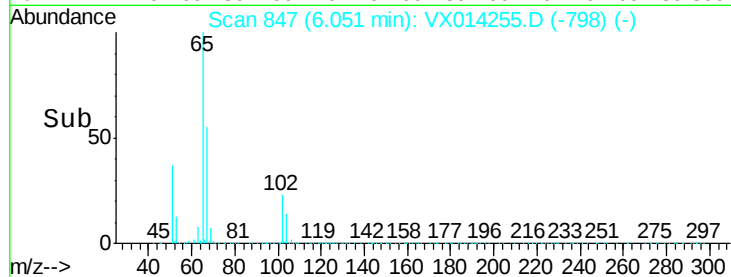
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

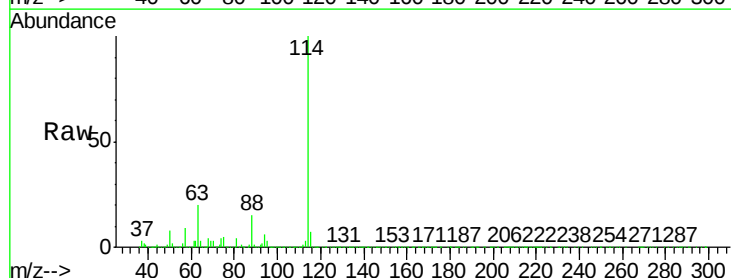
Tgt Ion: 114 Resp: 766167

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

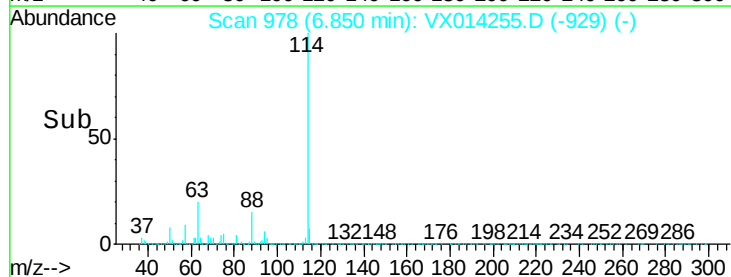
300000

200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.256 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

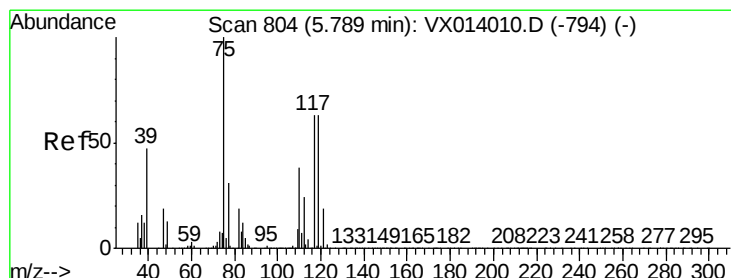
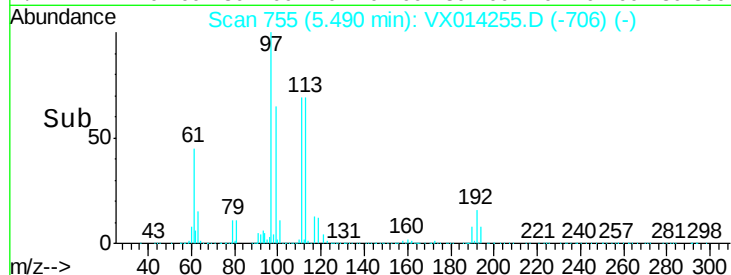
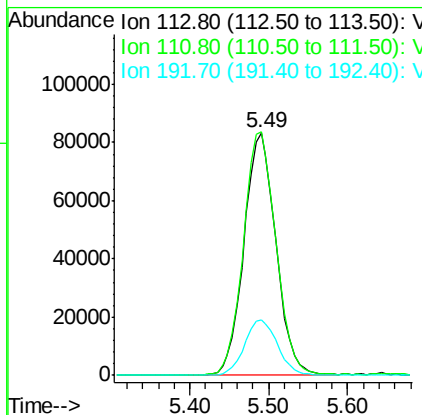
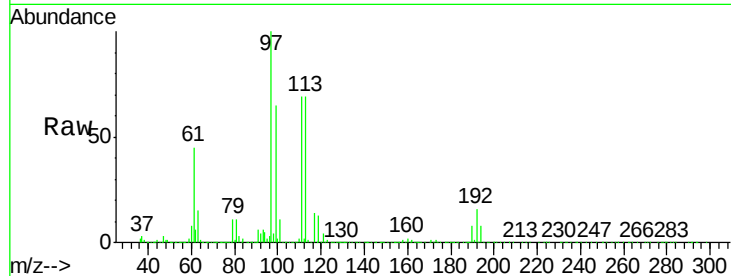
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	113	Resp:	234066
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.0	123.0
192	23.9	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 47.571 ug/l

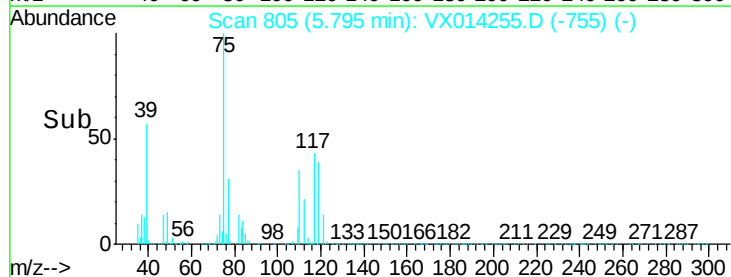
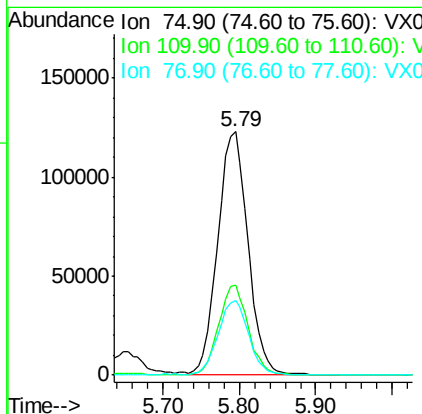
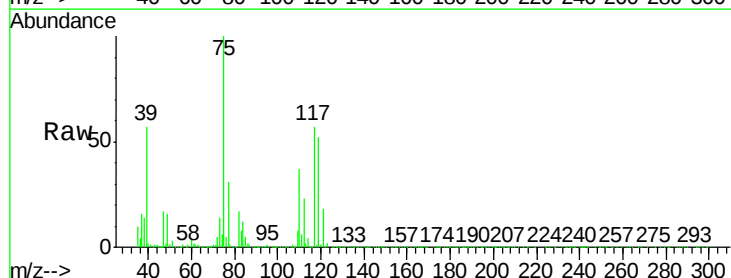
RT: 5.79 min Scan# 805

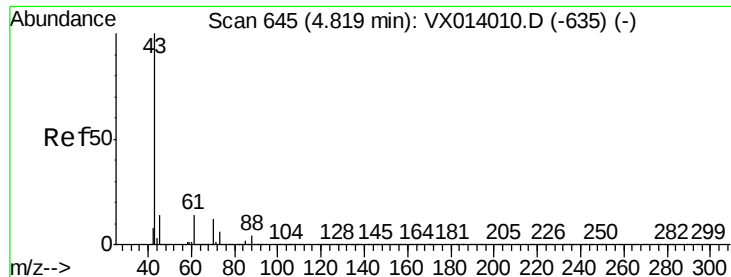
Delta R.T. 0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	75	Resp:	334424
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.3	54.9
77	30.4	24.8	37.2





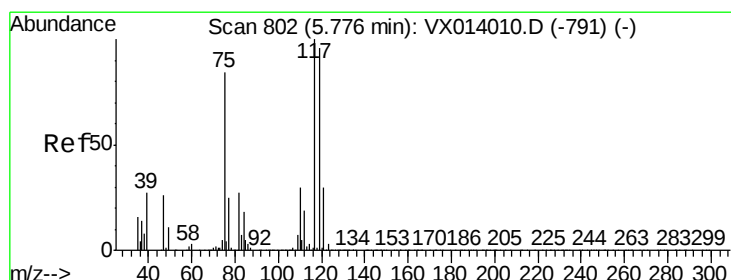
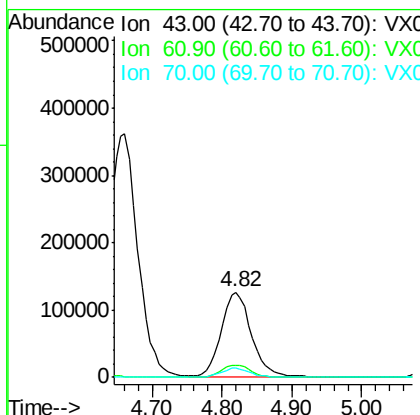
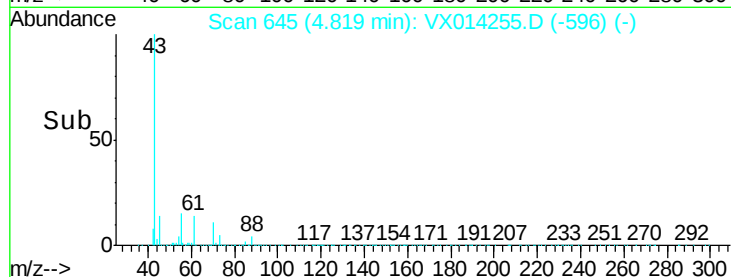
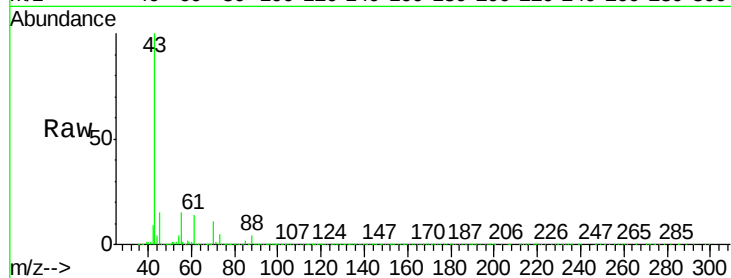
#37
Ethyl Acetate
Concen: 48.296 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.3	8.6	12.8

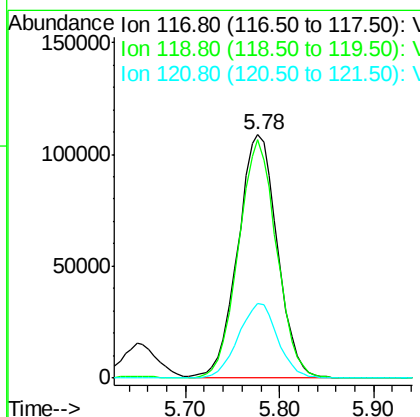
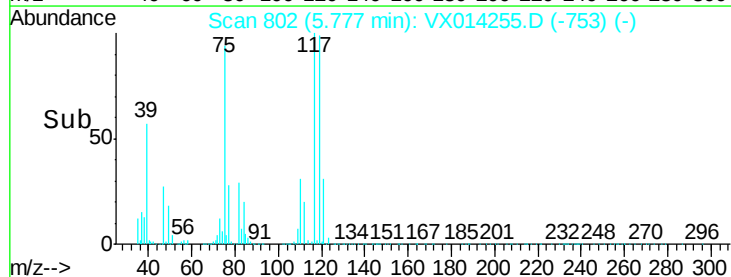
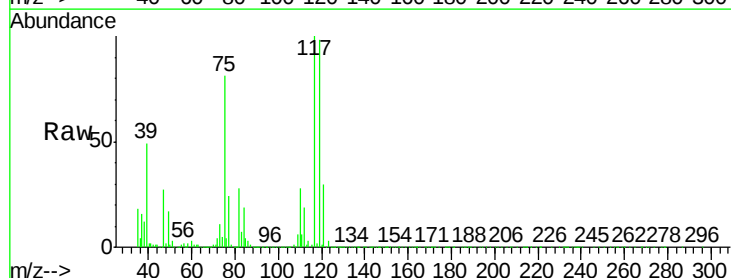
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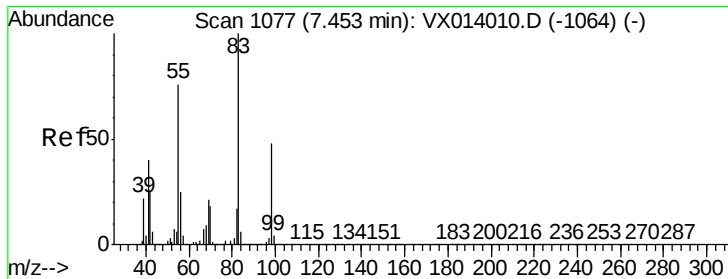
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#38
Carbon Tetrachloride
Concen: 49.561 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.2	114.4
121	30.3	23.6	35.4





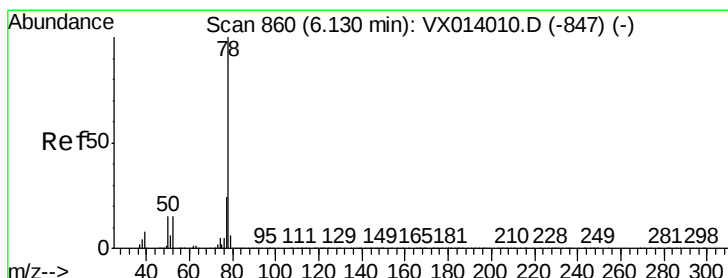
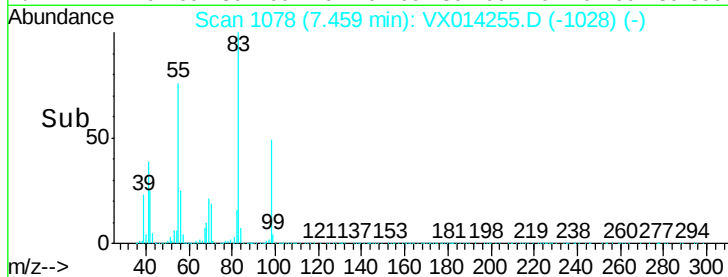
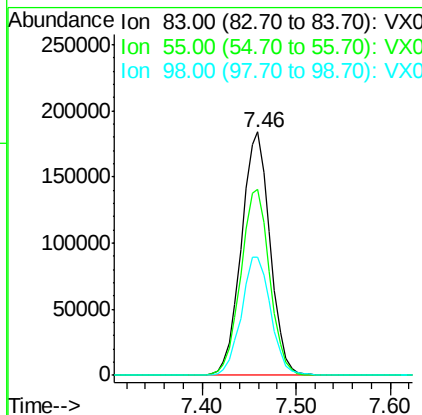
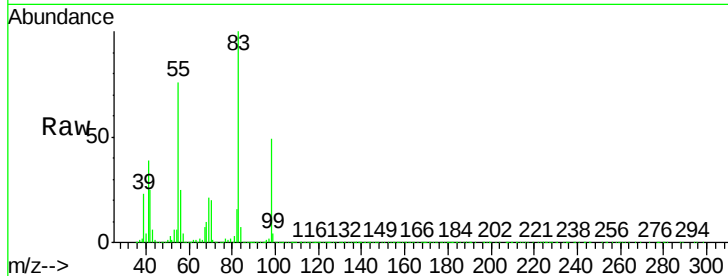
#39
Methvlcvclohexane
Concen: 44.979 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	390438		
55	76.1	61.0	91.6	
98	48.7	38.6	57.8	

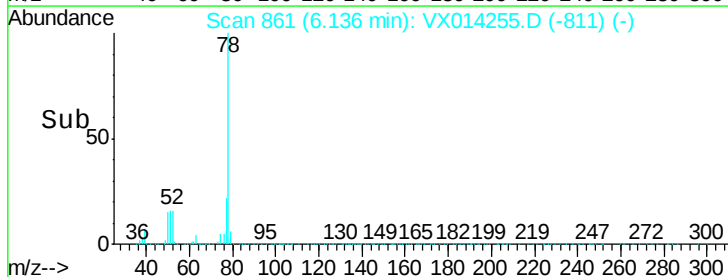
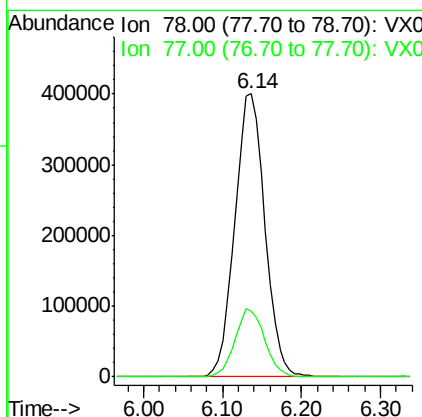
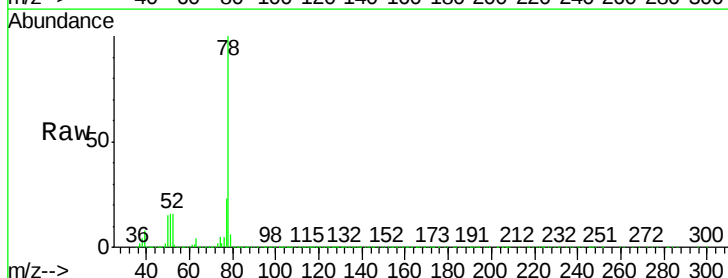
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#40
Benzene
Concen: 49.104 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1062137		
77	23.4	18.8	28.2	





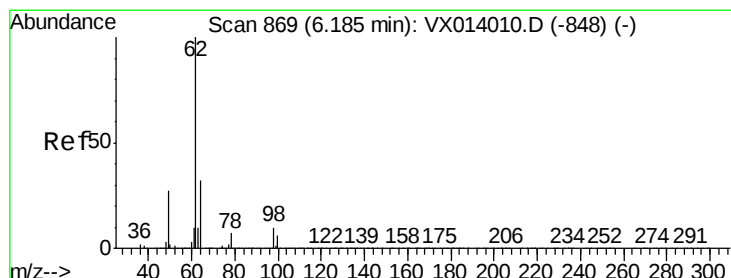
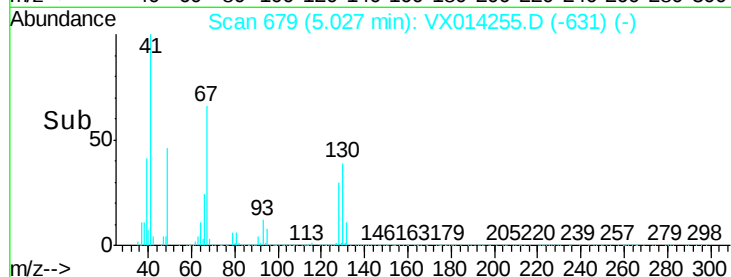
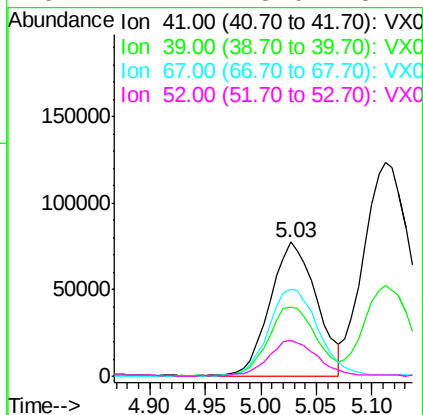
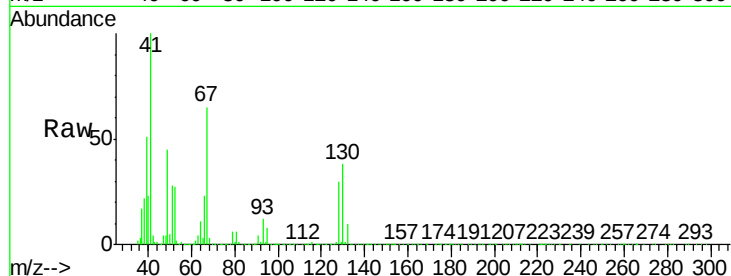
#41
Methacrylonitrile
Concen: 52.962 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		228128		
39	51.7	44.5	66.7		
67	68.8	57.4	86.0		
52	27.4	23.0	34.4		

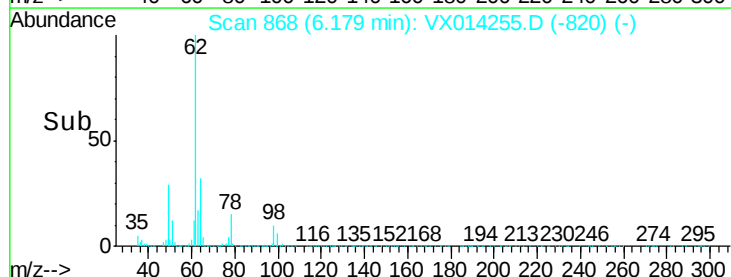
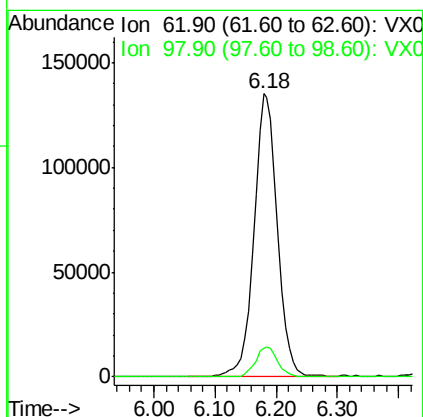
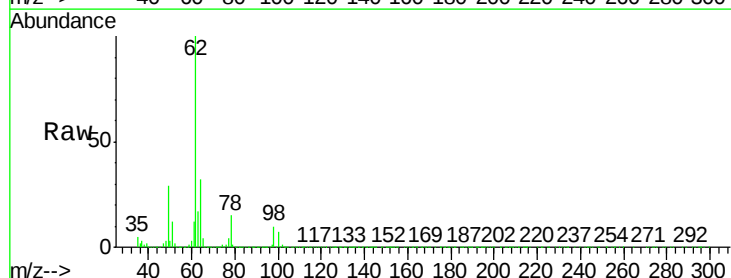
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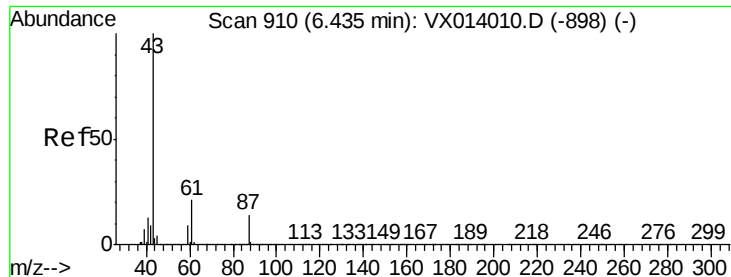
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#42
1,2-Dichloroethane
Concen: 49.481 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		362803		
98	10.2	0.0	21.0		





#43

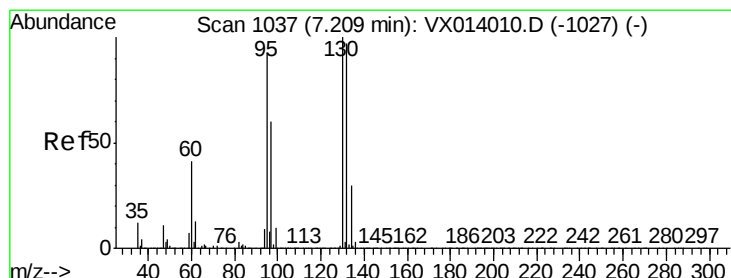
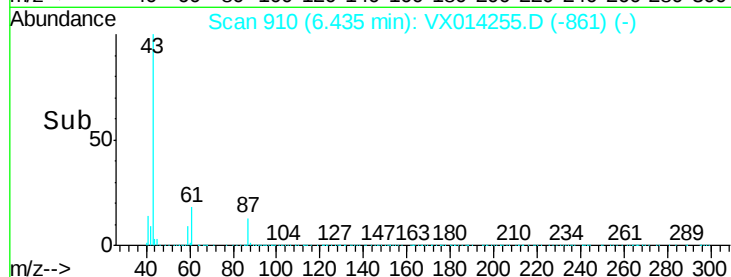
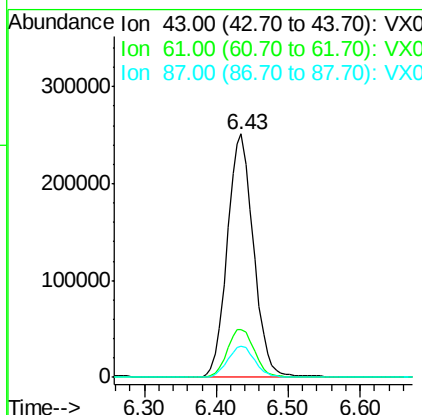
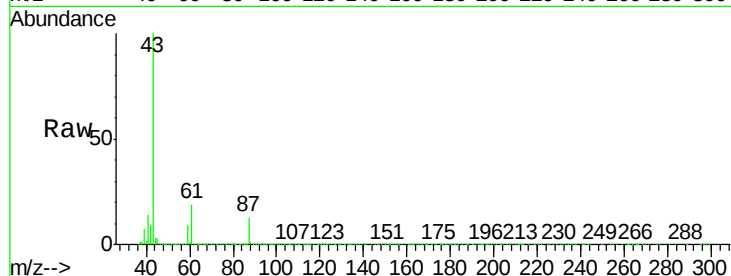
Isopropyl Acetate
 Concen: 49.098 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	13.0	10.7	16.1

Manual Integrations
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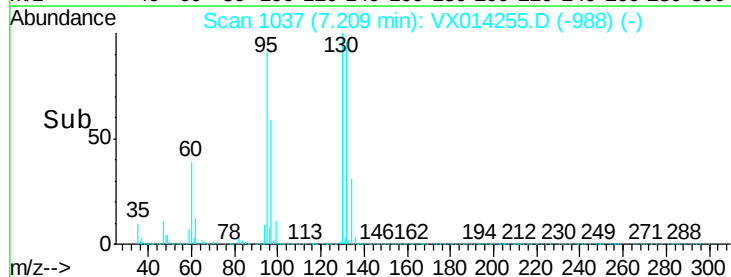
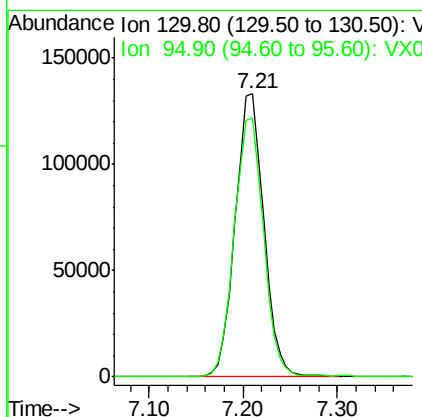
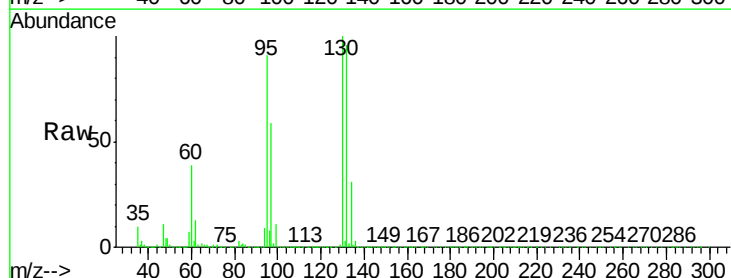
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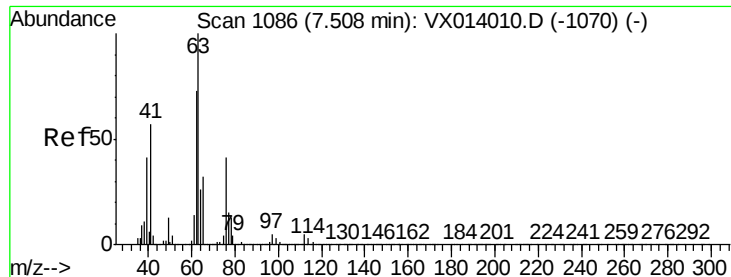


#44

Trichloroethene
 Concen: 47.295 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.461 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 63 Resp: 279759

Ion Ratio Lower Upper

63 100

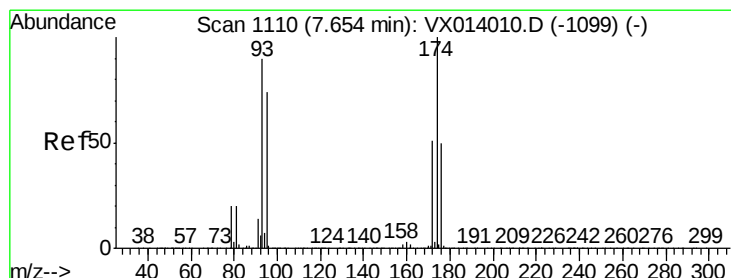
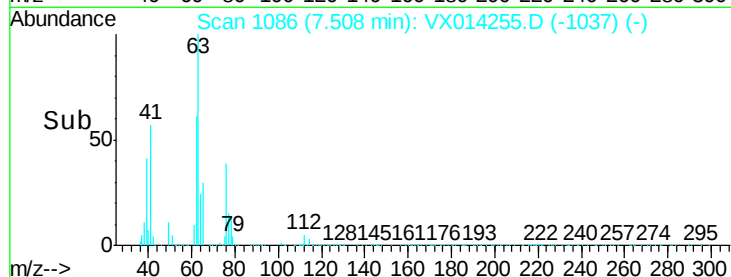
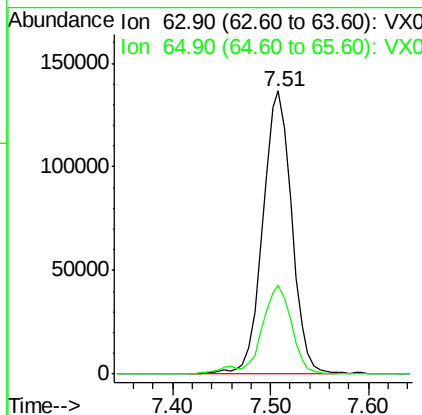
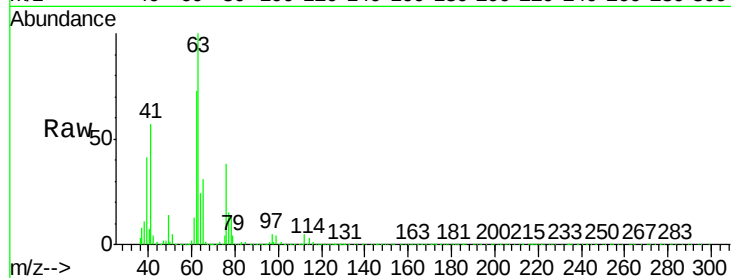
65 31.0 25.8 38.8

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#46

Dibromomethane

Concen: 47.967 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

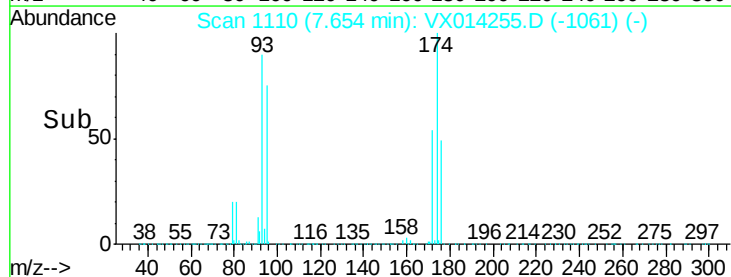
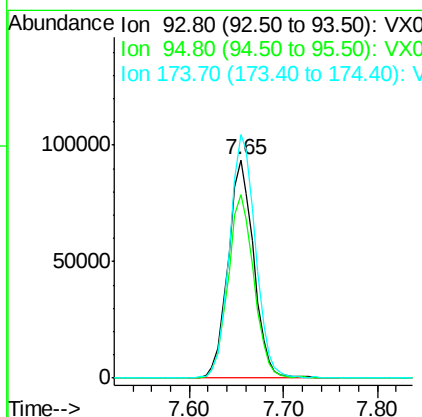
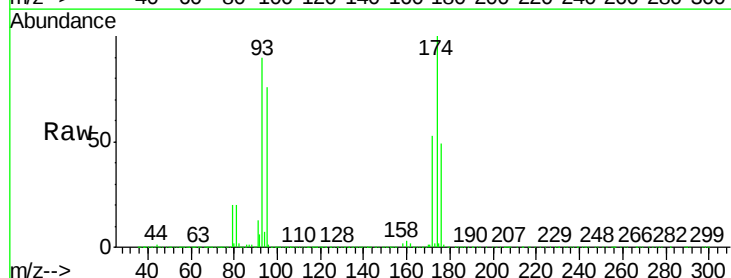
Tgt Ion: 93 Resp: 175821

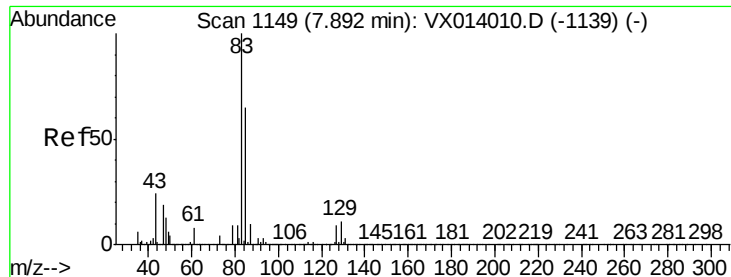
Ion Ratio Lower Upper

93 100

95 85.1 67.3 100.9

174 113.7 91.6 137.4





#47

Bromodichloromethane

Concen: 50.291 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

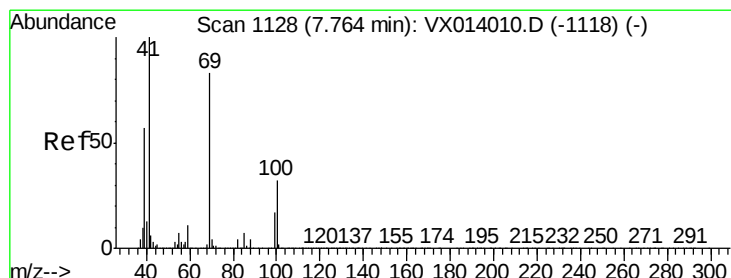
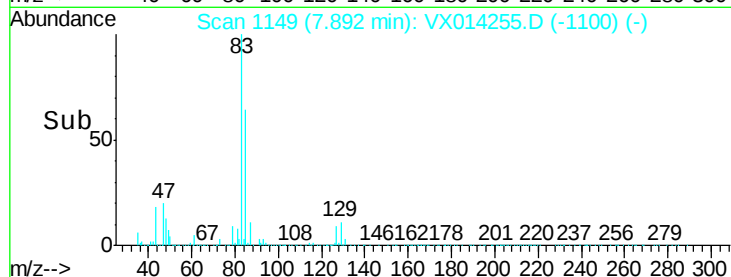
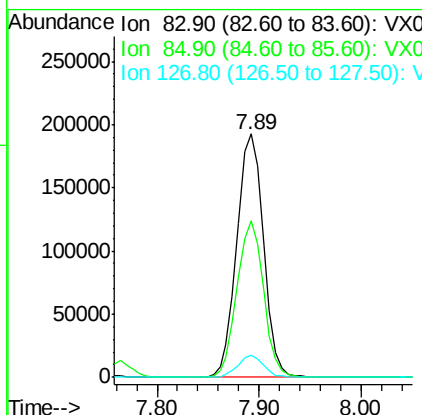
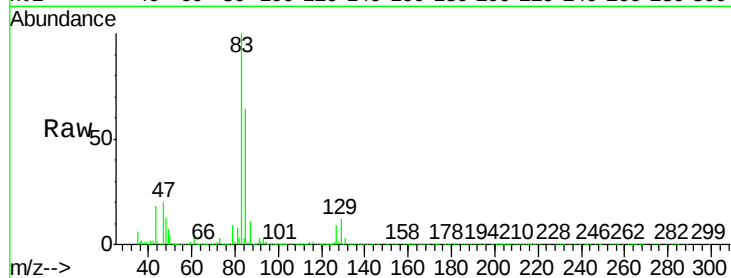
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	83	Resp:	347181
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.8	77.8
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.636 ug/l

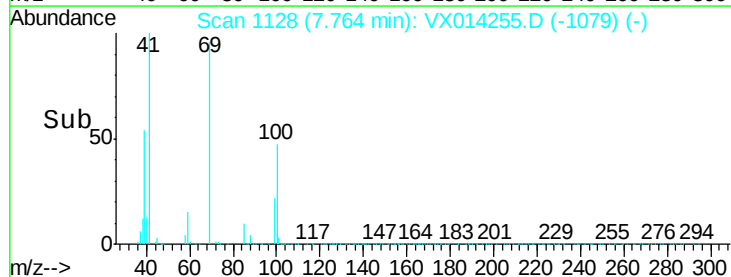
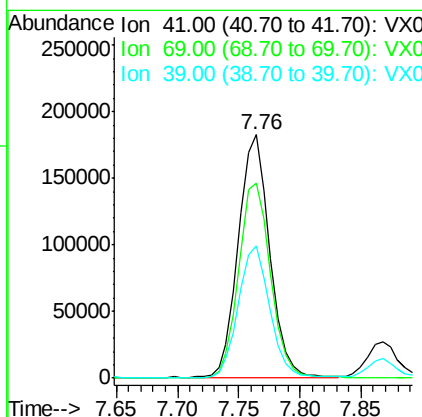
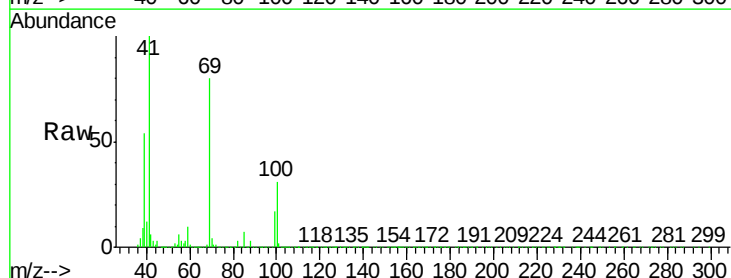
RT: 7.76 min Scan# 1128

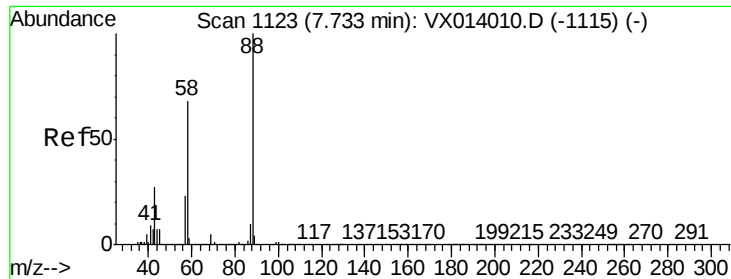
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	41	Resp:	324850
Ion Ratio	Lower	Upper	
41	100		
69	81.6	65.8	98.6
39	54.4	44.6	67.0





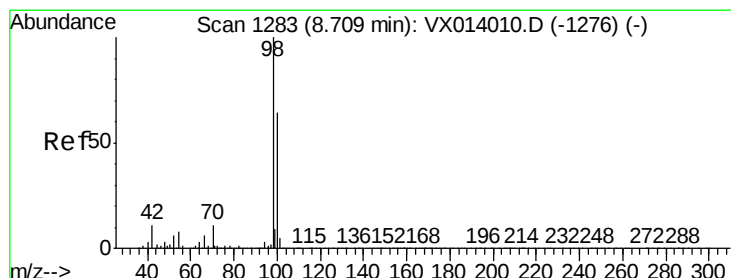
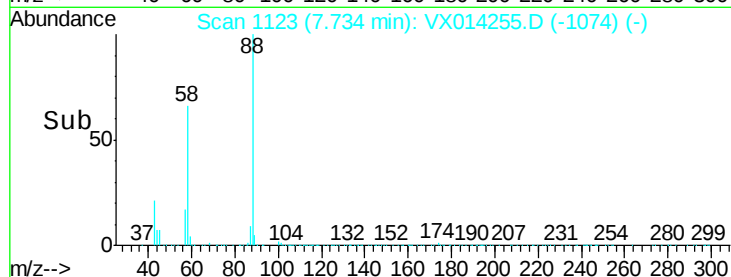
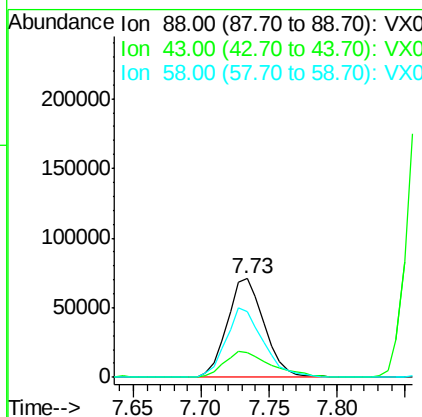
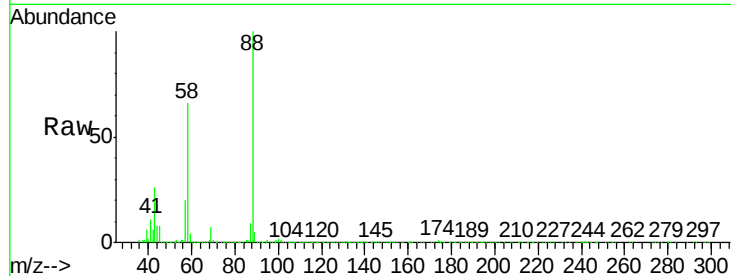
#49
1,4-Dioxane
Concen: 1045.142 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.5	39.7
58	71.5	56.8	85.2

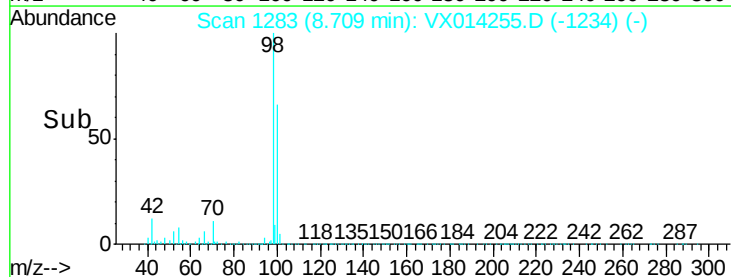
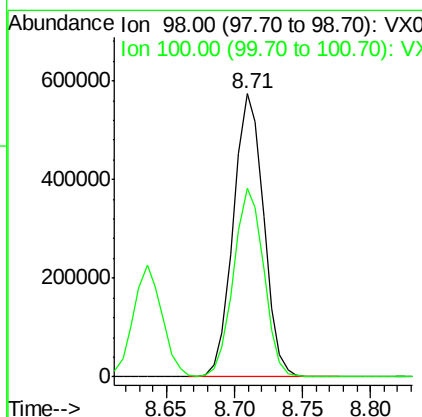
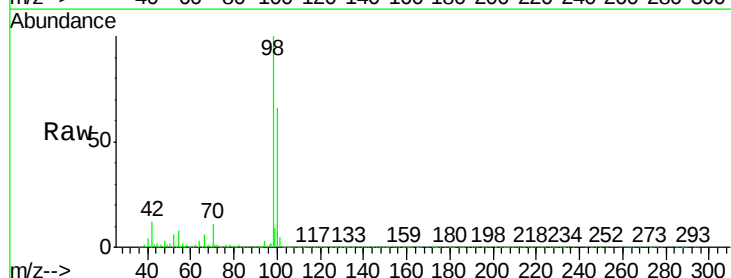
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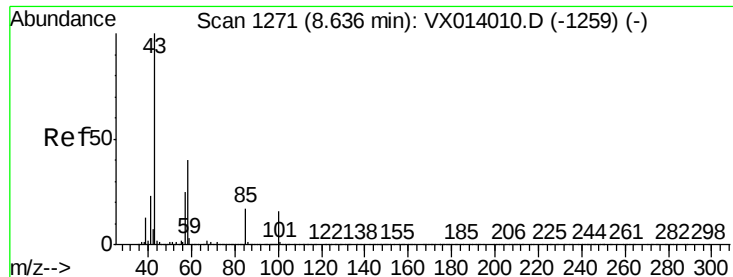
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#50
Toluene-d8
Concen: 49.156 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 258.761 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 43 Resp: 2087817

Ion Ratio Lower Upper

43 100

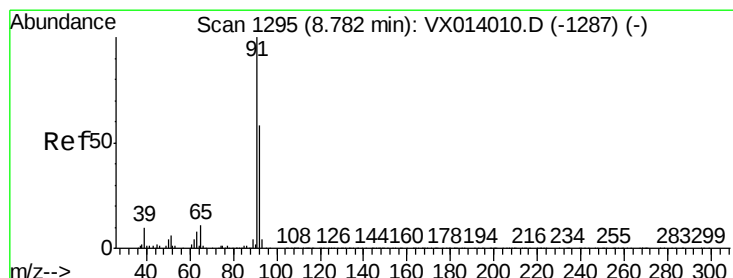
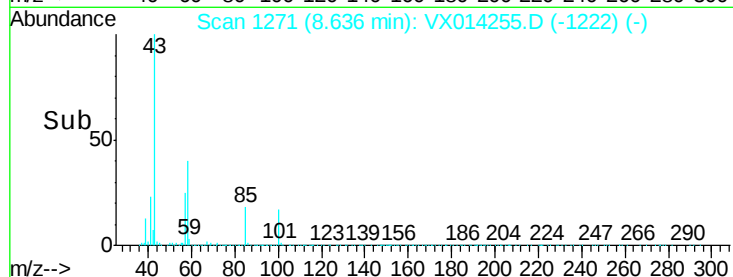
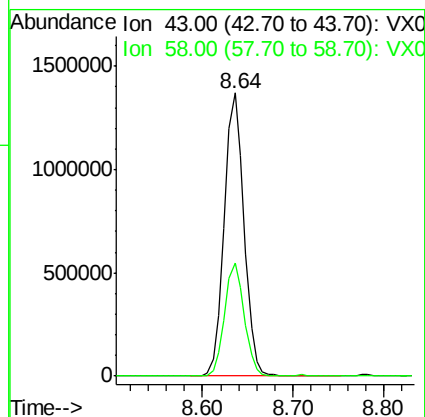
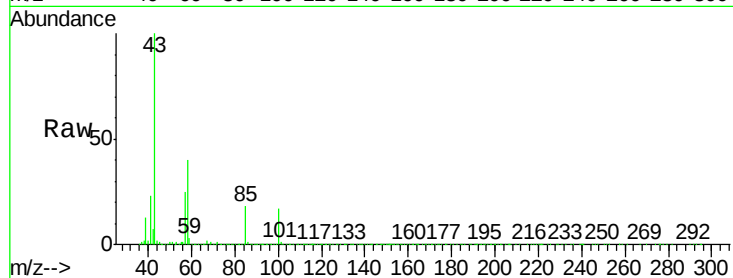
58 39.7 32.2 48.2

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#52

Toluene

Concen: 48.171 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014255.D

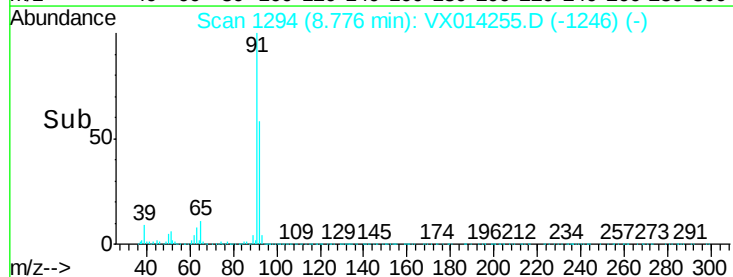
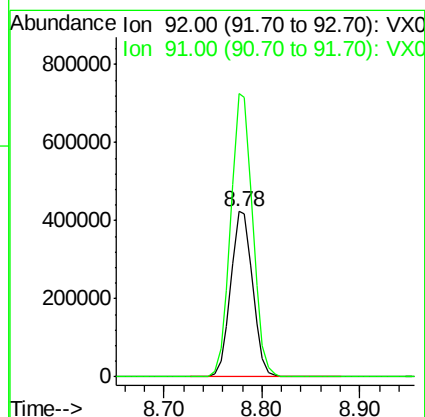
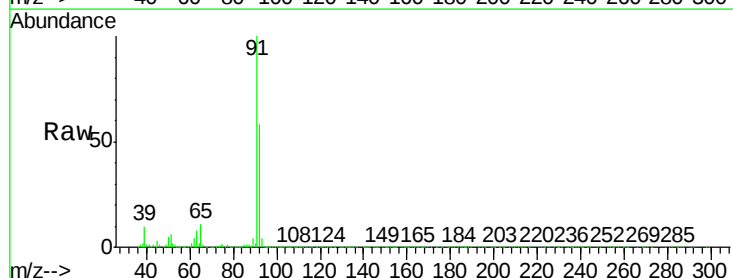
Acq: 24 Dec 2019 19:08

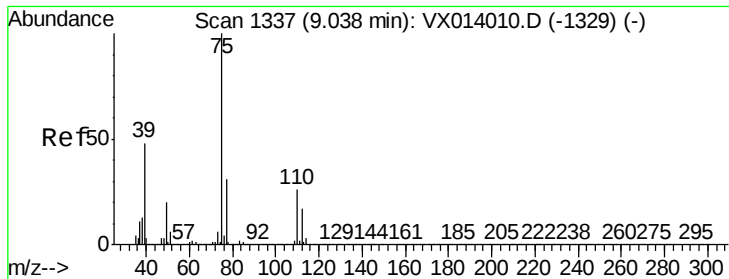
Tgt Ion: 92 Resp: 658593

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.4





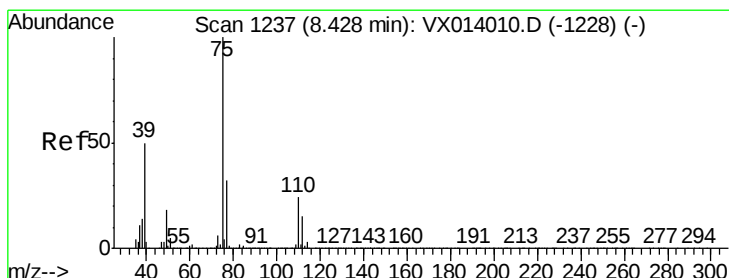
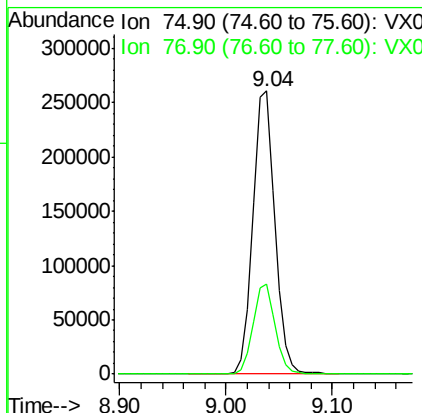
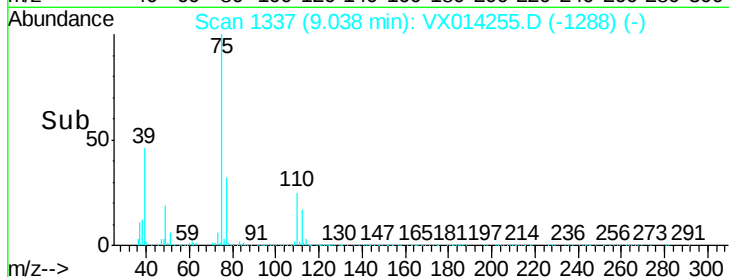
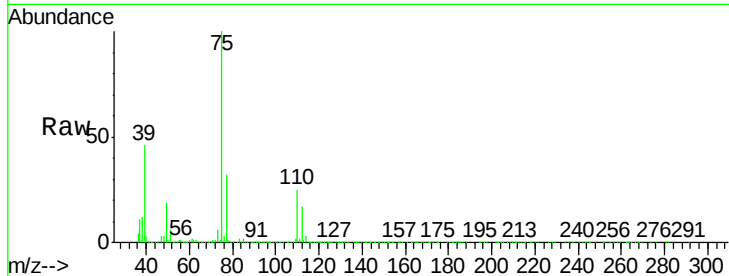
#53
t-1,3-Dichloropropene
Concen: 50.141 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion: 75 Resp: 379547
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

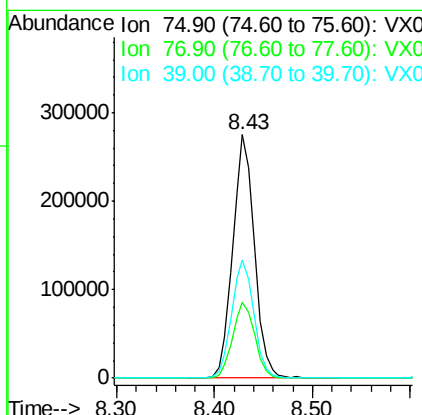
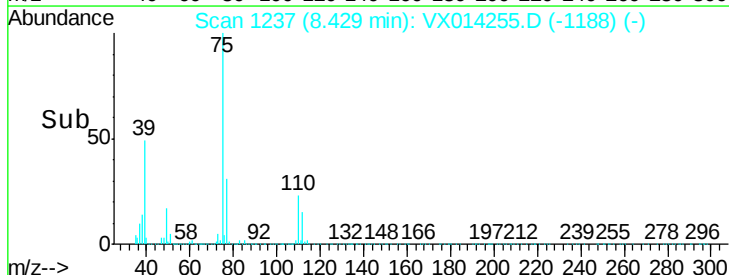
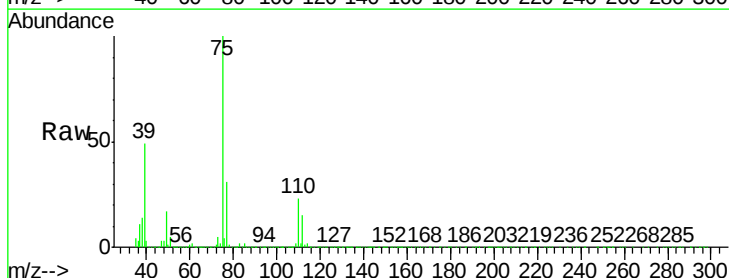
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#54
cis-1,3-Dichloropropene
Concen: 49.887 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 75 Resp: 420700
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 48.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.646 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

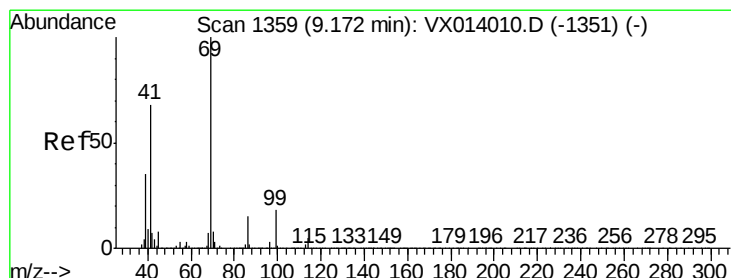
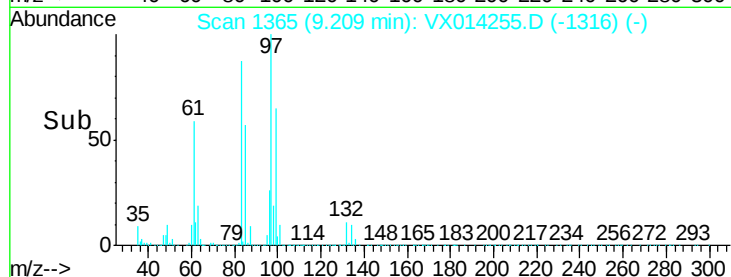
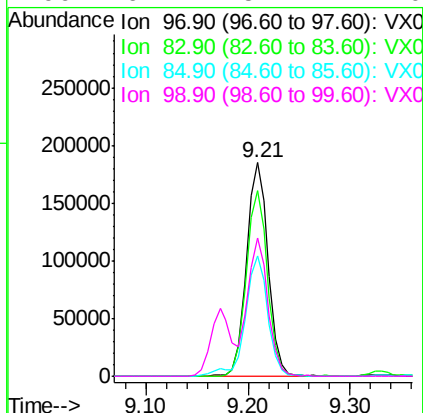
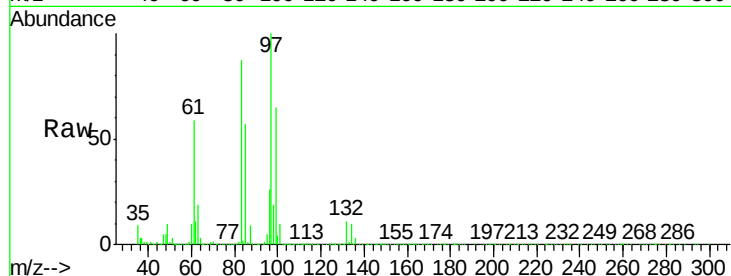
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	97	Resp:	272040
Ion Ratio	Lower	Upper	
97	100		
83	87.1	68.2	102.4
85	56.6	44.6	66.8
99	64.7	51.4	77.0

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#56

Ethyl methacrylate

Concen: 51.486 ug/l

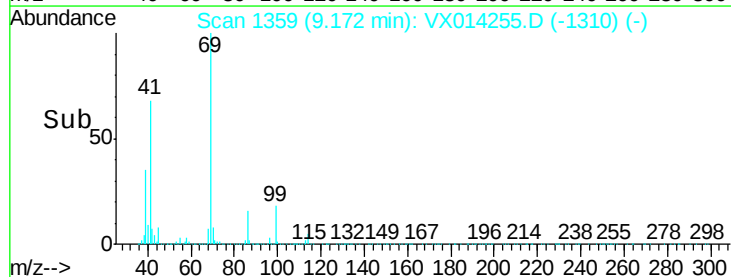
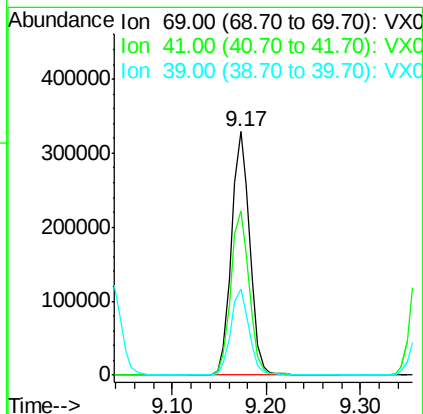
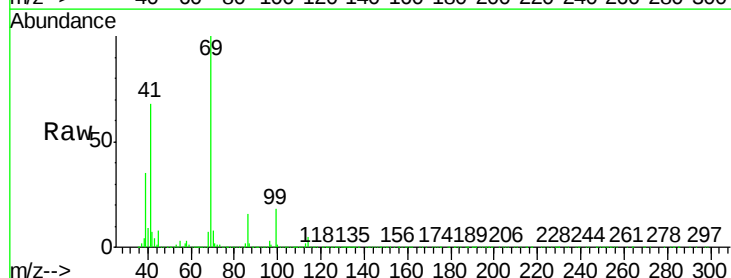
RT: 9.17 min Scan# 1359

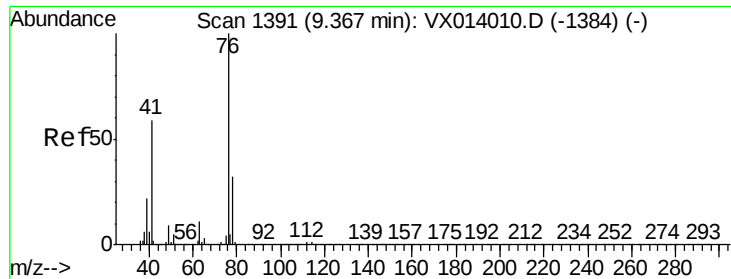
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	69	Resp:	443164
Ion Ratio	Lower	Upper	
69	100		
41	67.7	54.8	82.2
39	35.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.345 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 76 Resp: 464151

Ion Ratio Lower Upper

76 100

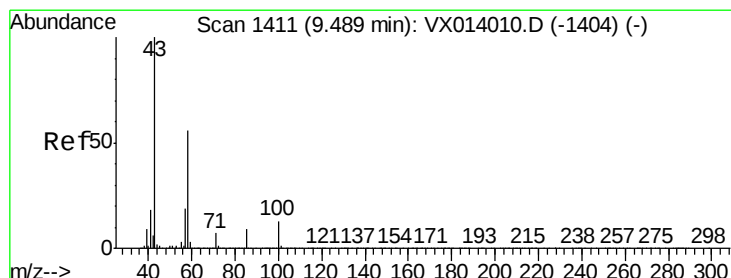
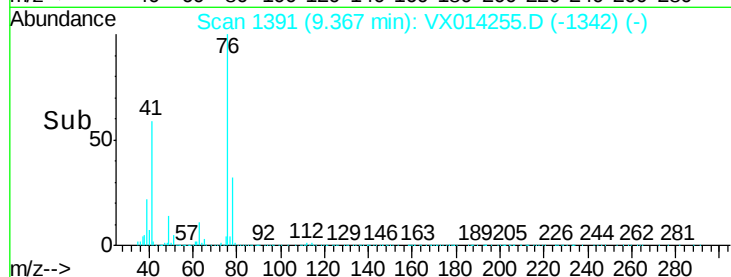
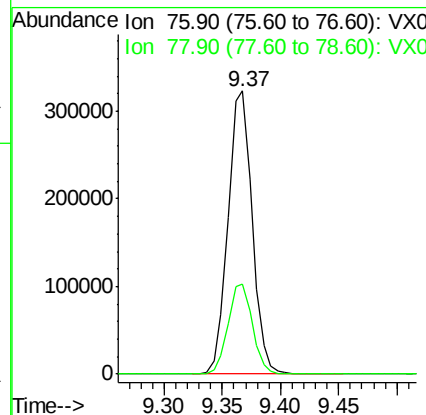
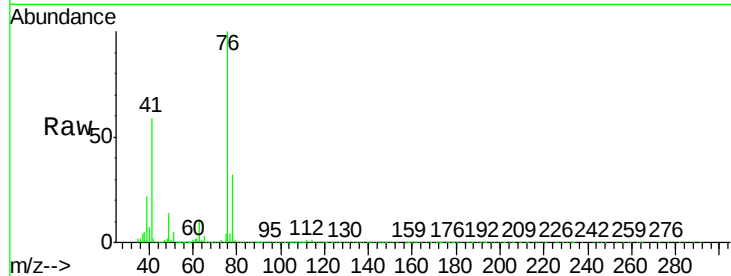
78 32.1 25.8 38.6

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#59

2-Hexanone

Concen: 243.139 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014255.D

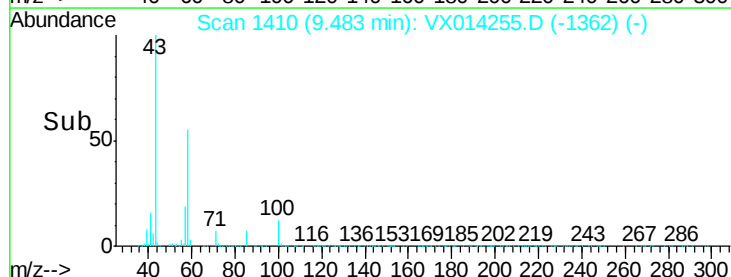
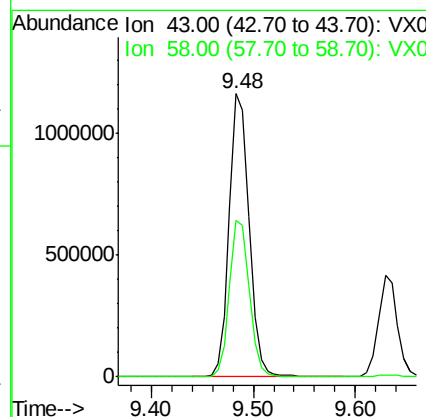
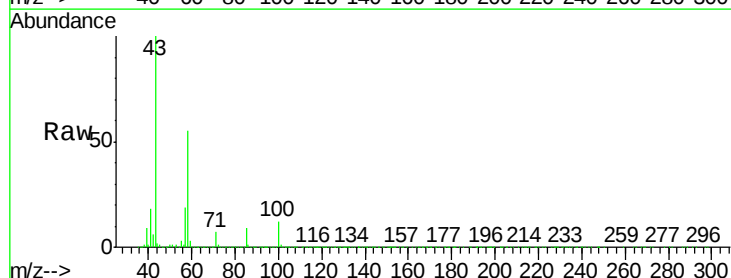
Acq: 24 Dec 2019 19:08

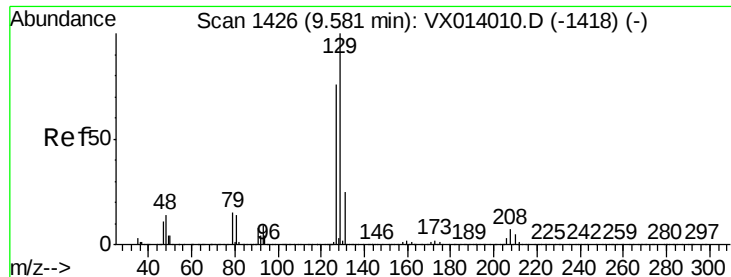
Tgt Ion: 43 Resp: 1579226

Ion Ratio Lower Upper

43 100

58 55.5 28.0 84.0





#60

Dibromochloromethane

Concen: 51.741 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion:129 Resp: 281823

Ion Ratio Lower Upper

129 100

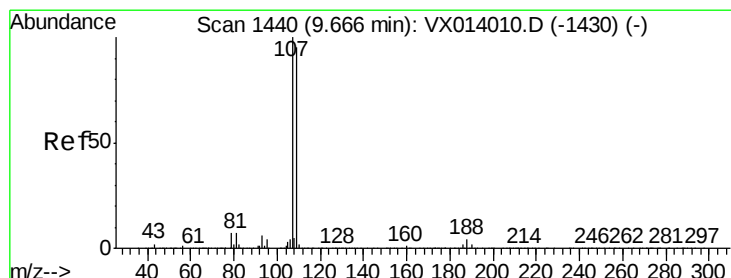
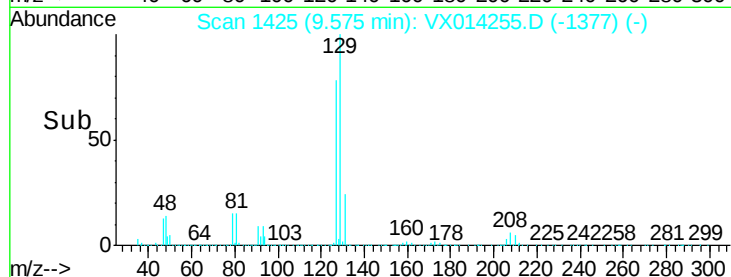
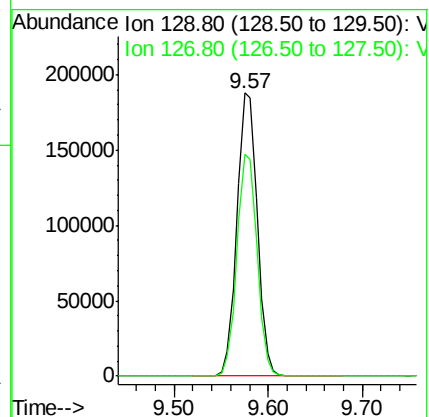
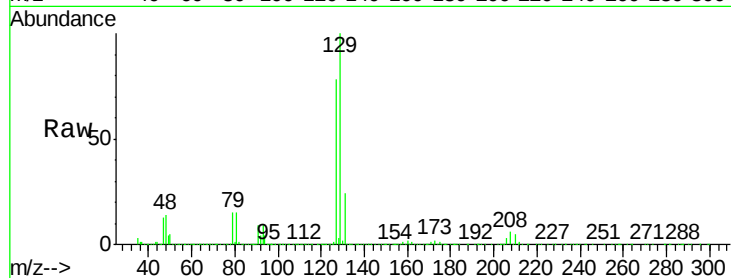
127 77.4 38.4 115.2

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#61

1,2-Dibromoethane

Concen: 50.488 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014255.D

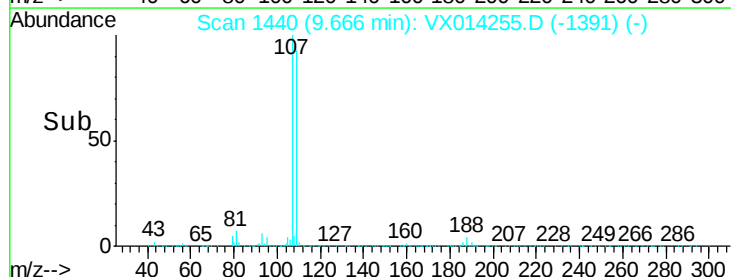
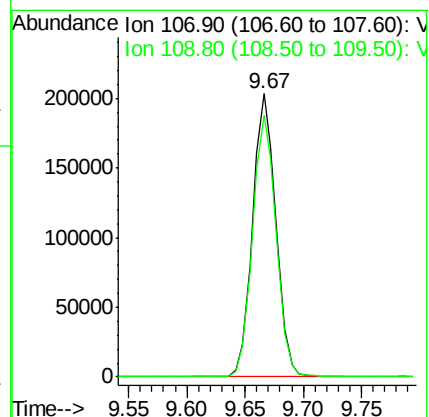
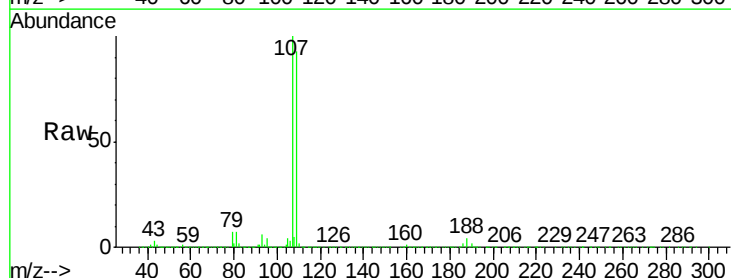
Acq: 24 Dec 2019 19:08

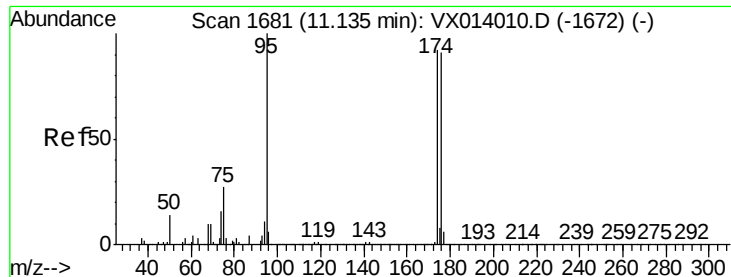
Tgt Ion:107 Resp: 283060

Ion Ratio Lower Upper

107 100

109 94.4 75.7 113.5





#62

4-Bromofluorobenzene

Concen: 48.334 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

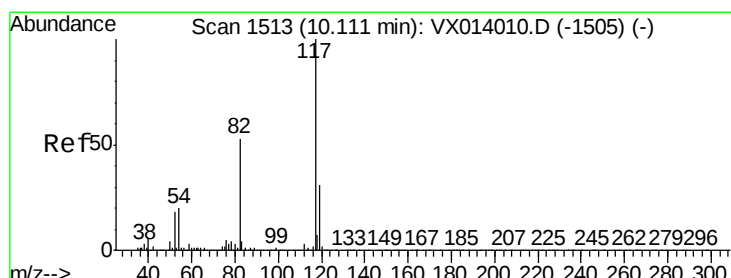
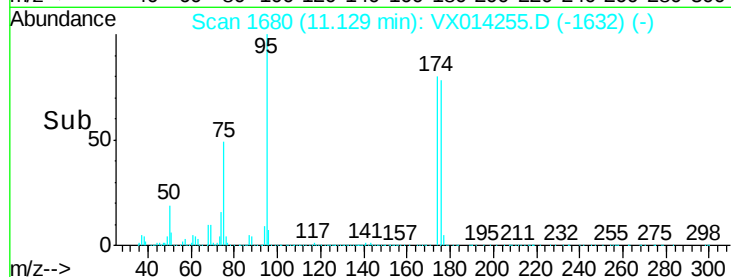
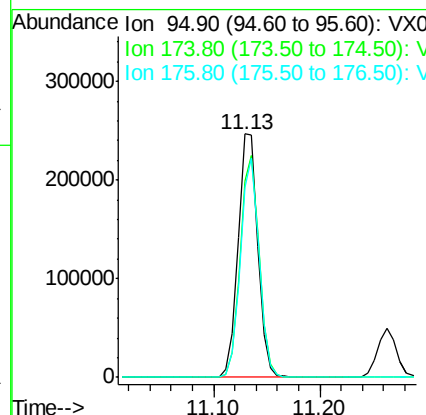
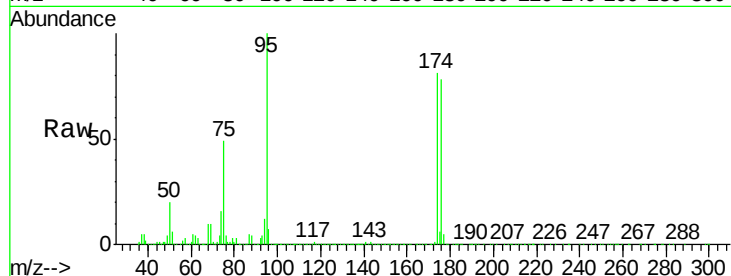
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	95	Resp:	320373
Ion Ratio	Lower	Upper	
95	100		
174	87.9	0.0	175.8
176	85.7	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

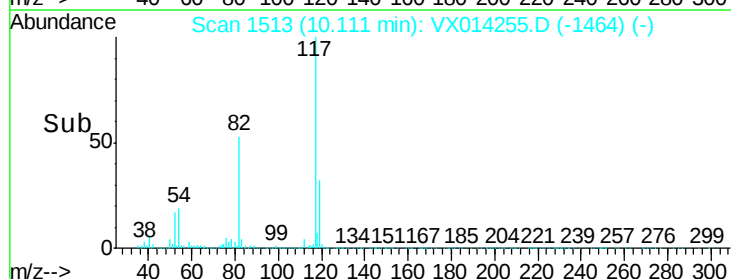
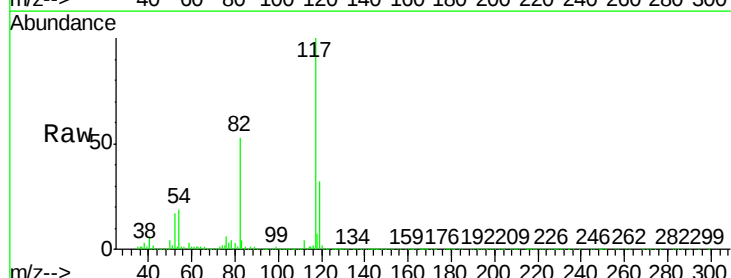
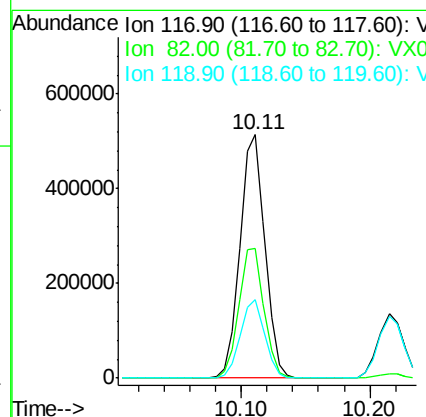
RT: 10.11 min Scan# 1513

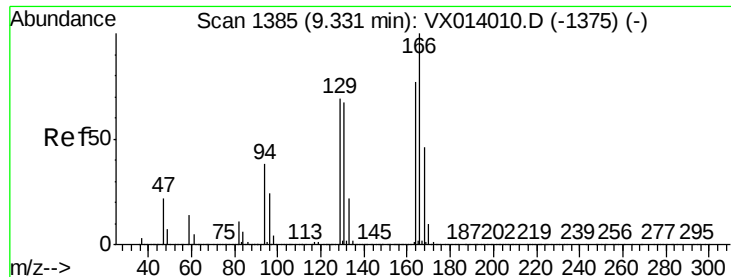
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	117	Resp:	688774
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.2	63.4
119	32.4	25.1	37.7





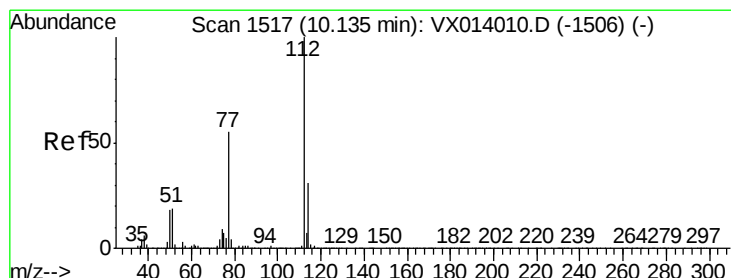
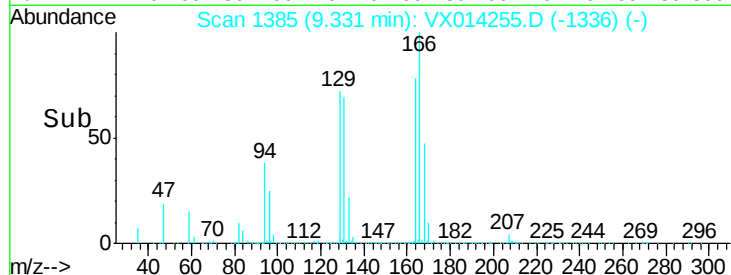
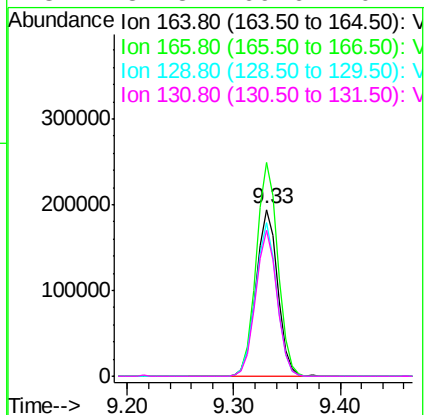
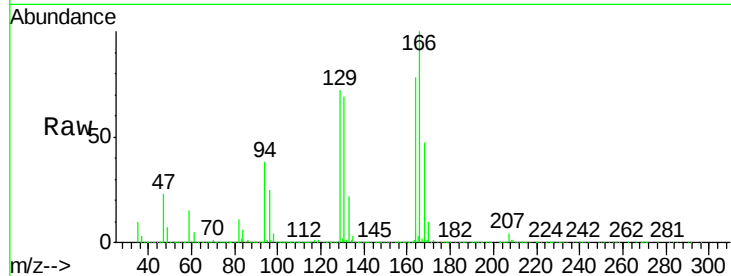
#64
Tetrachloroethene
Concen: 45.695 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	104.0	156.0
129	92.1	72.2	108.4
131	87.8	69.6	104.4

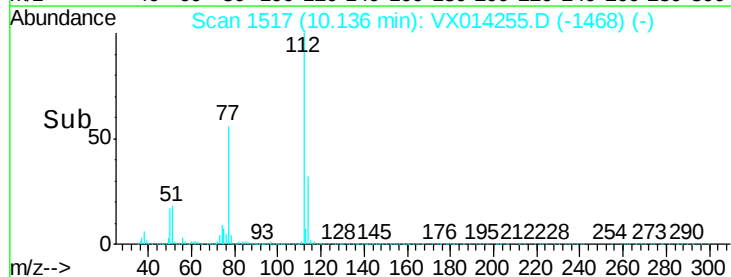
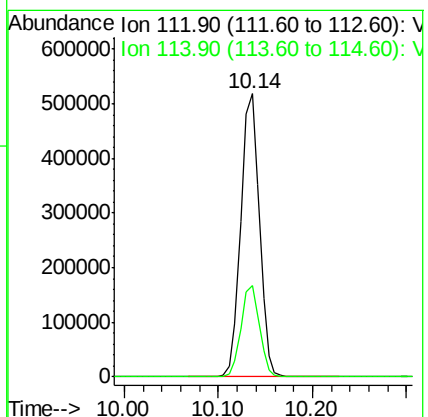
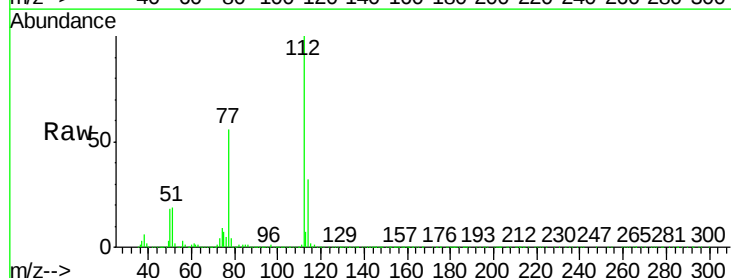
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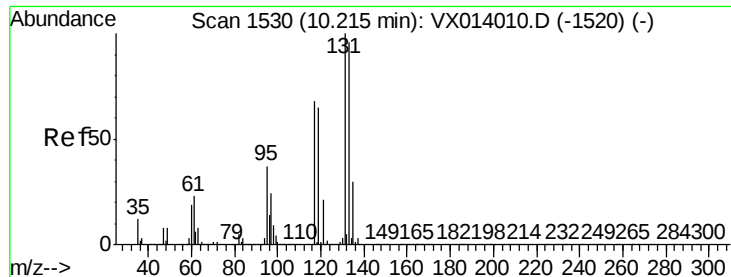
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#65
Chlorobenzene
Concen: 48.813 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	24.9	37.3





#66

1,1,1,2-Tetrachloroethane

Concen: 50.393 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

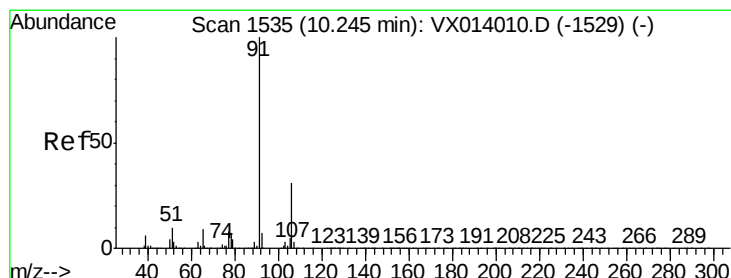
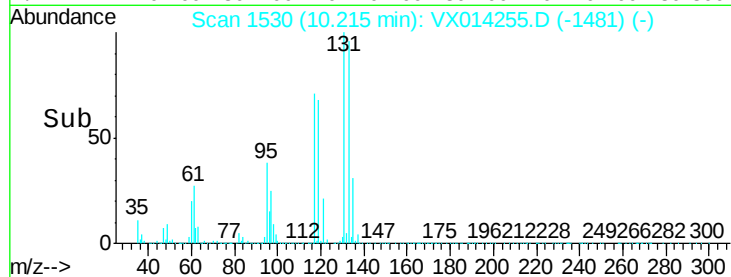
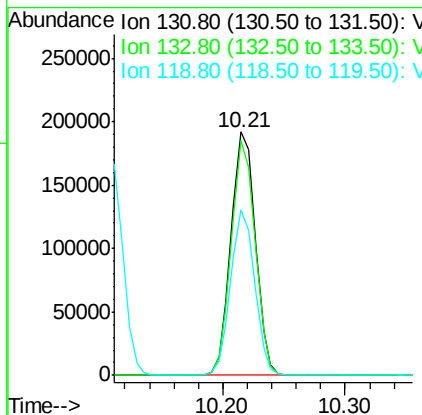
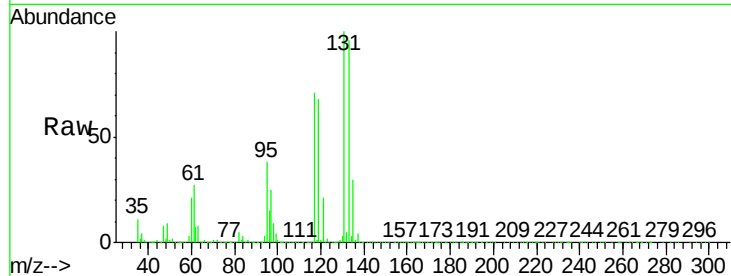
ClientSampleId :

996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.0	144.0
119	67.0	33.4	100.2

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#67

Ethyl Benzene

Concen: 49.461 ug/l

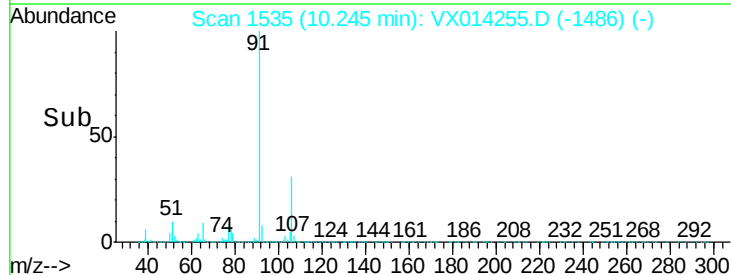
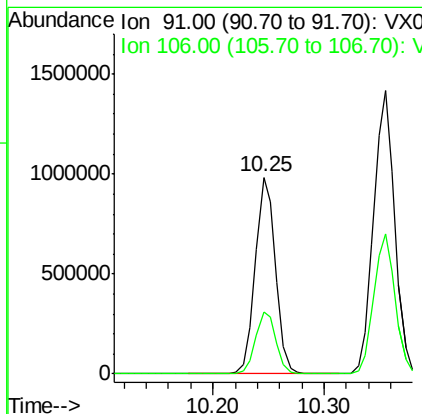
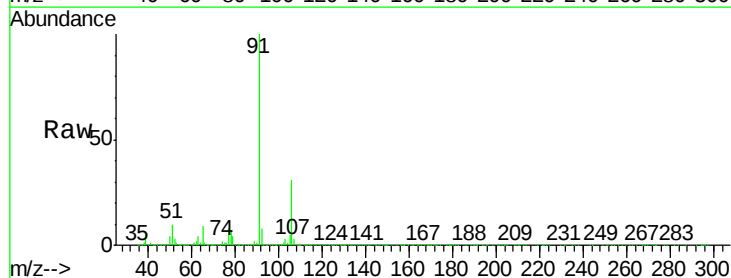
RT: 10.25 min Scan# 1535

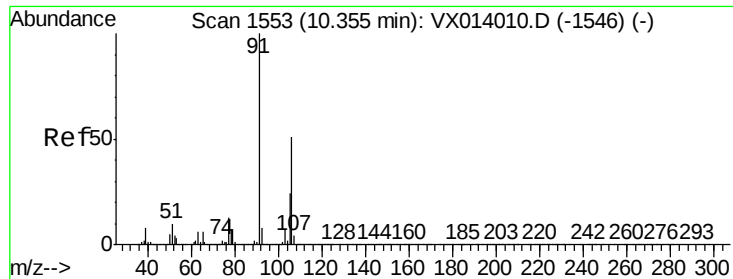
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.0	37.6





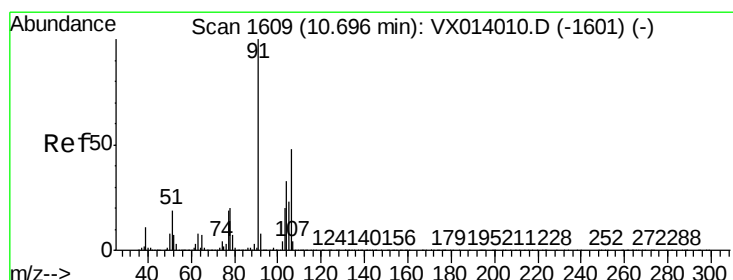
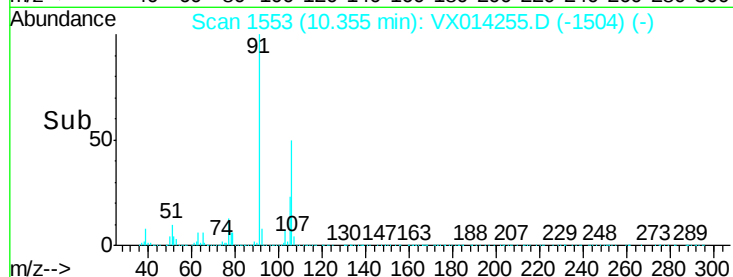
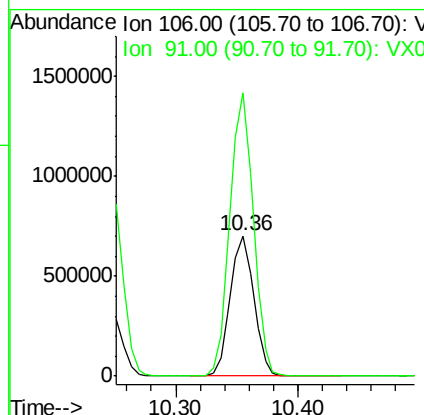
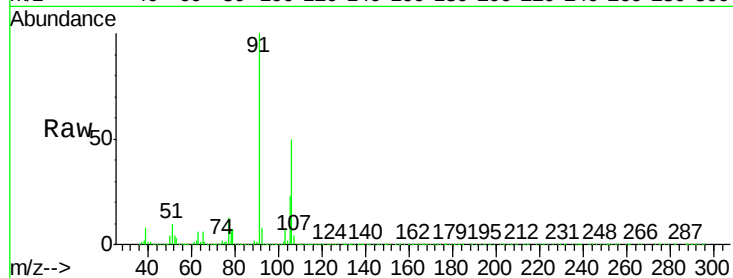
#68
m/p-Xylenes
Concen: 97.071 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.1	158.6	238.0

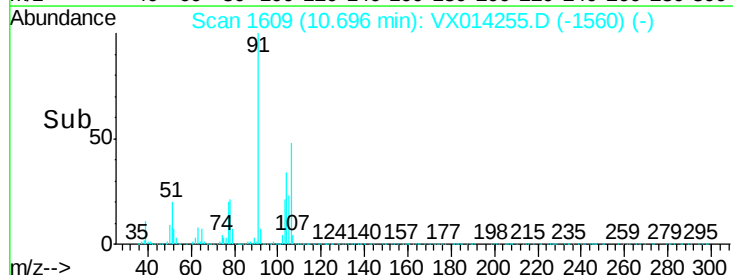
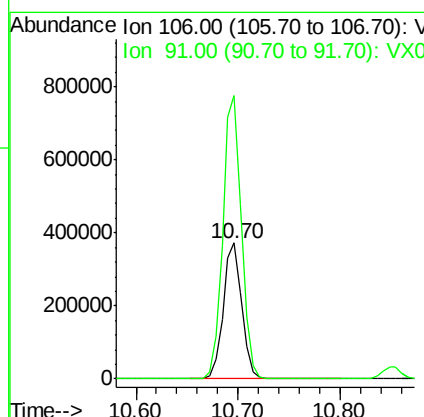
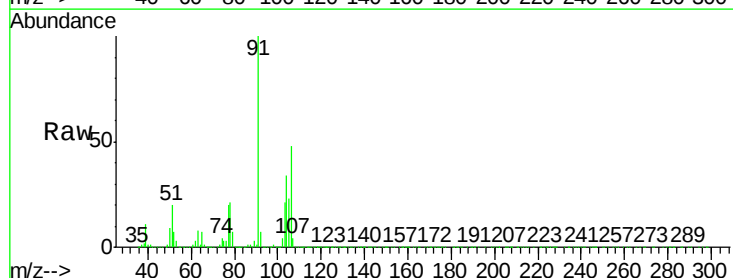
Manual Integrations
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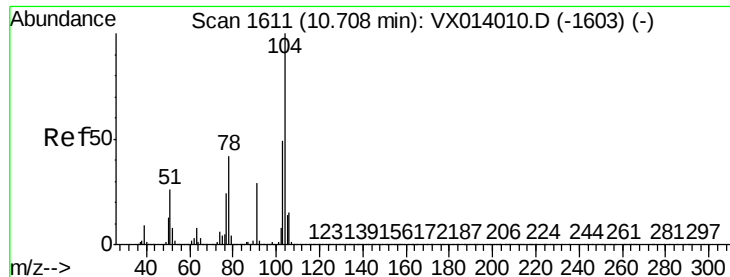
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#69
o-Xylene
Concen: 49.218 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.4	104.2	312.6





#70

Stvrene

Concen: 49.253 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

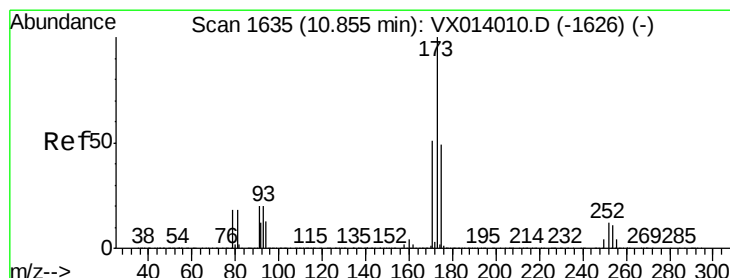
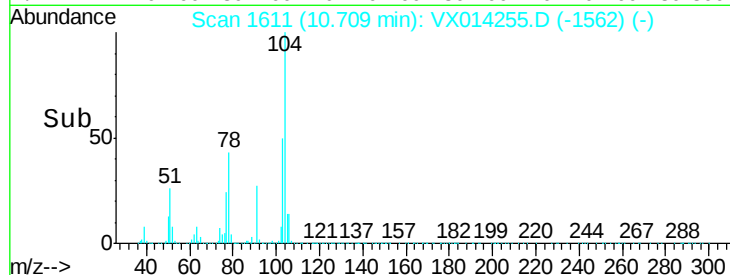
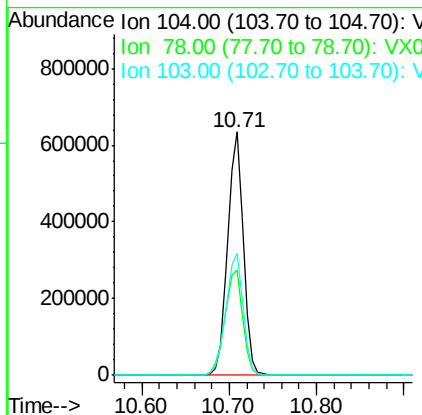
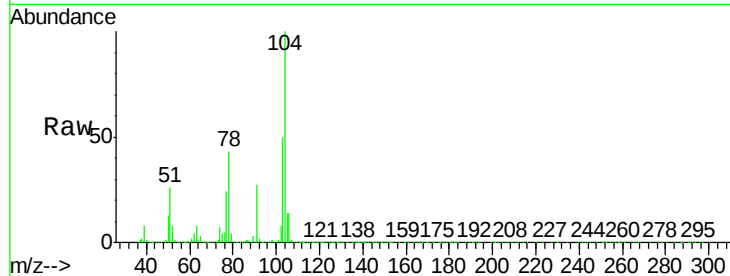
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	104	Resp:	791013
Ion Ratio		Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.7	42.9	64.3

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#71

Bromoform

Concen: 51.435 ug/l

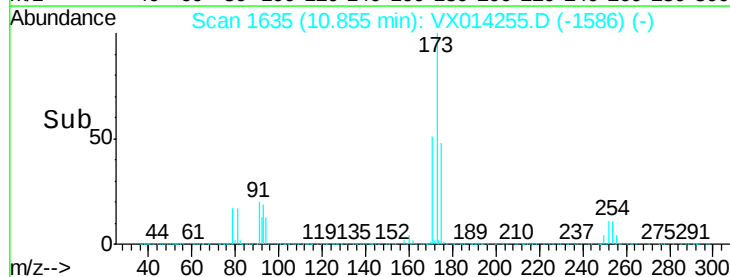
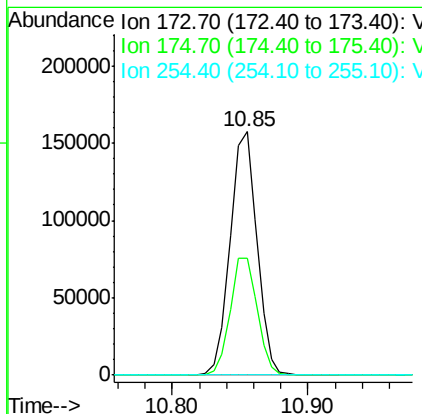
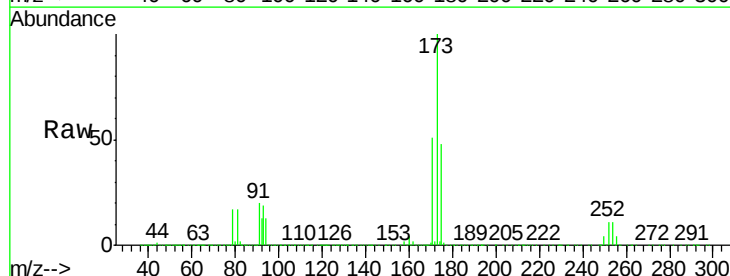
RT: 10.85 min Scan# 1635

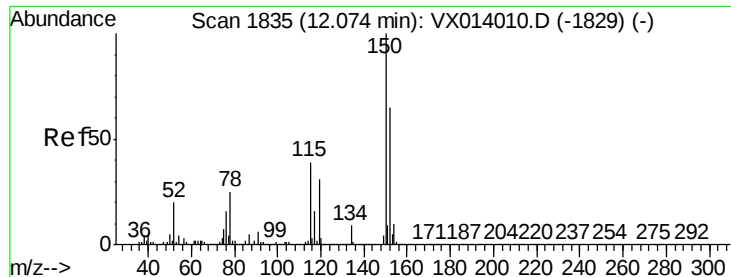
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	173	Resp:	216196
Ion Ratio		Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

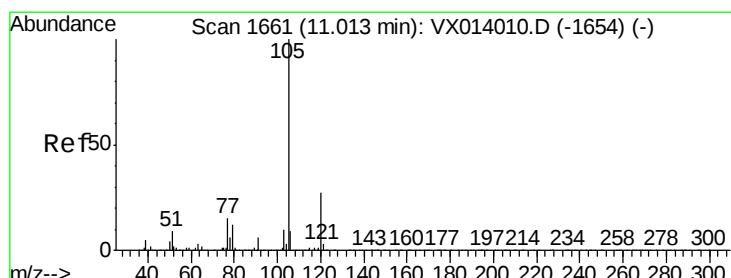
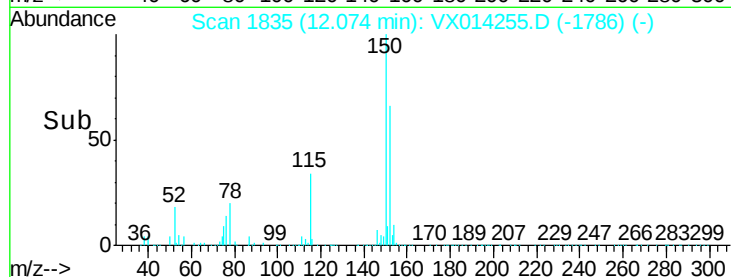
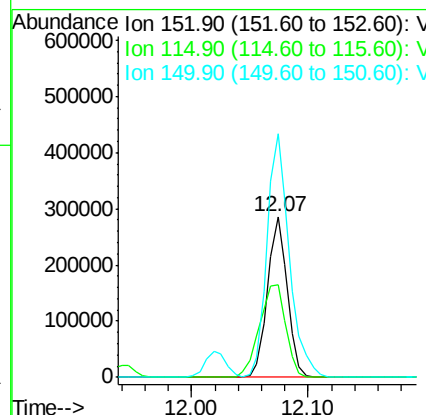
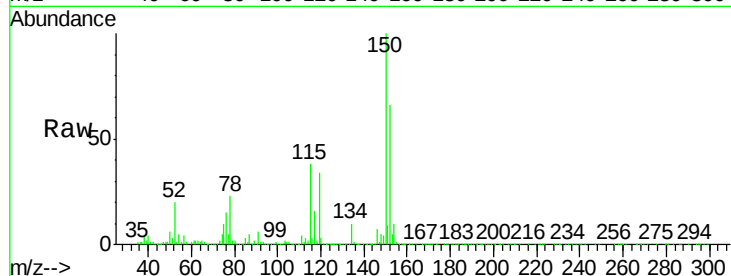
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	152	Resp:	338475
Ion Ratio	Lower	Upper	
152	100		
115	76.4	38.3	114.9
150	171.2	0.0	345.4

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#73

Isopropylbenzene

Concen: 50.960 ug/l

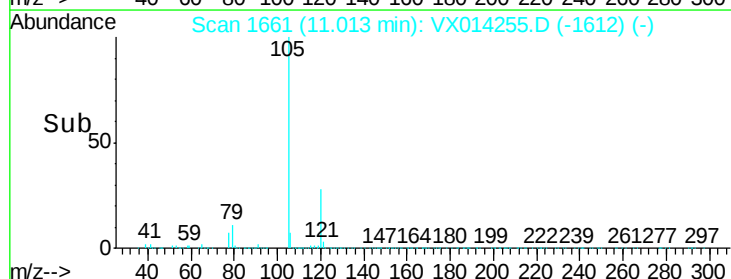
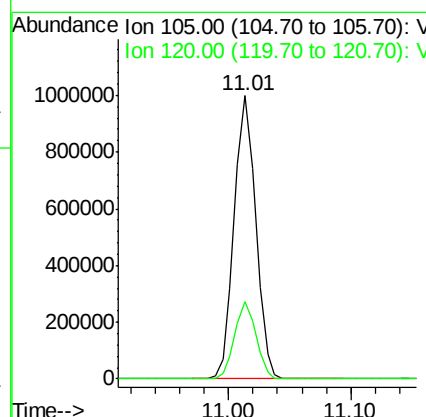
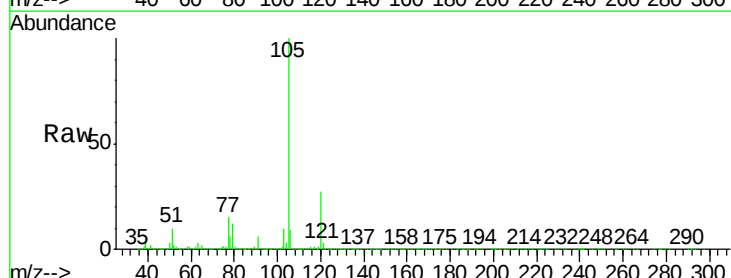
RT: 11.01 min Scan# 1661

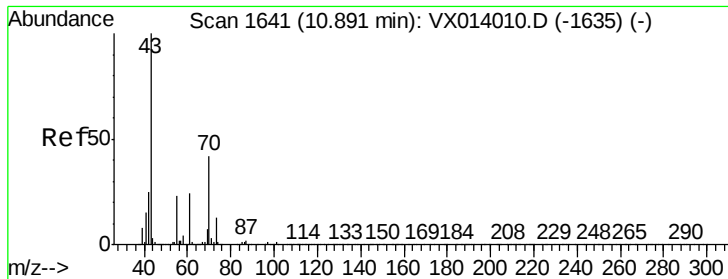
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	105	Resp:	1214432
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.5	40.4





#74

N-amvl acetate

Concen: 47.993 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

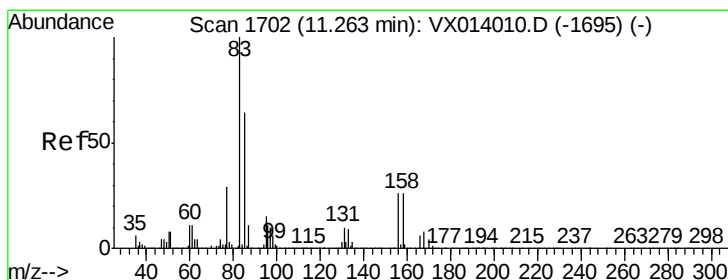
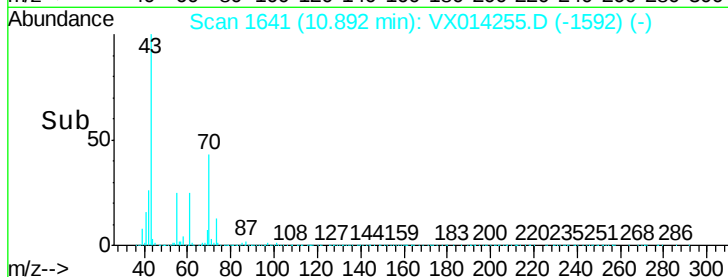
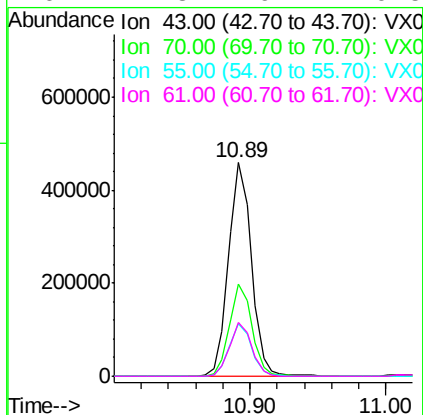
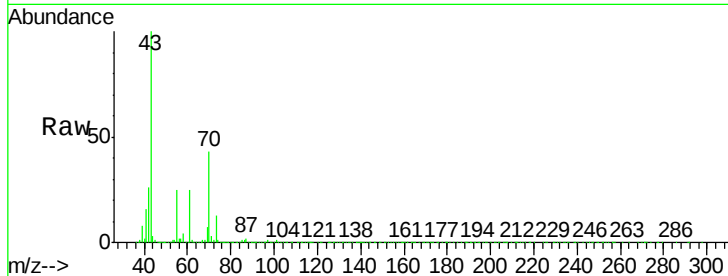
ClientSampleId :

996-MW-15-(17)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		536115		
70	43.1	34.4	51.6		
55	24.6	19.1	28.7		
61	24.8	19.7	29.5		

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.279 ug/l

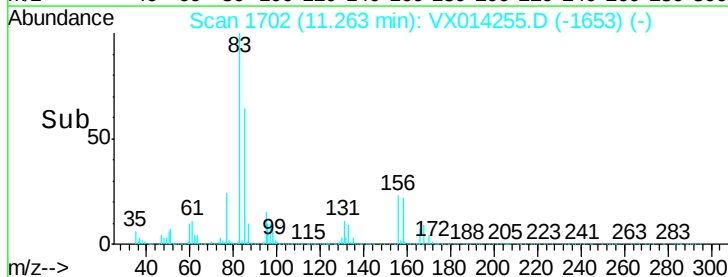
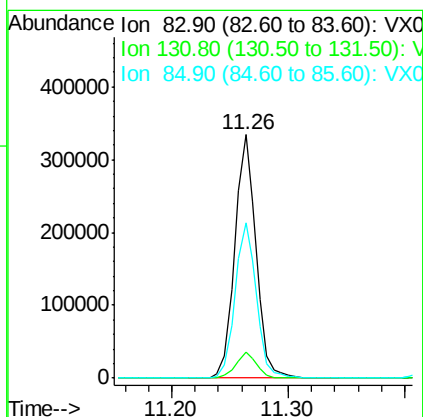
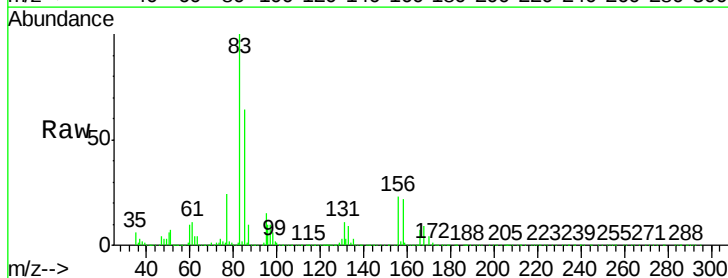
RT: 11.26 min Scan# 1702

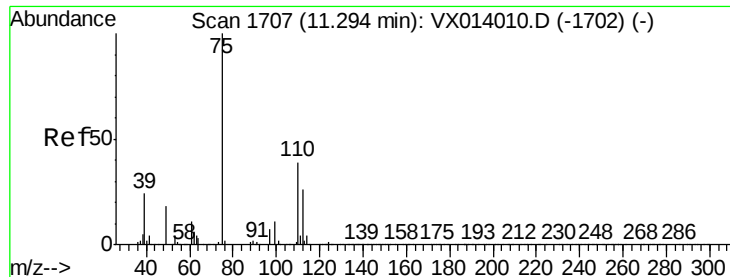
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		423668		
131	10.3	5.1	15.2		
85	64.0	31.9	95.7		





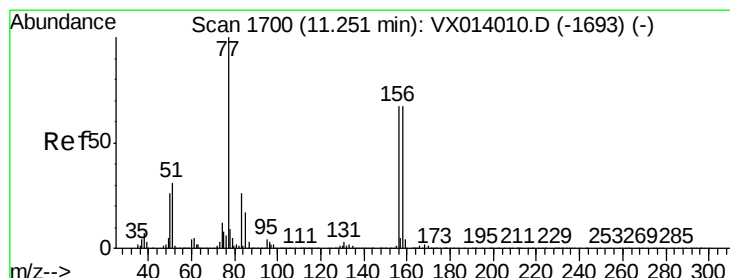
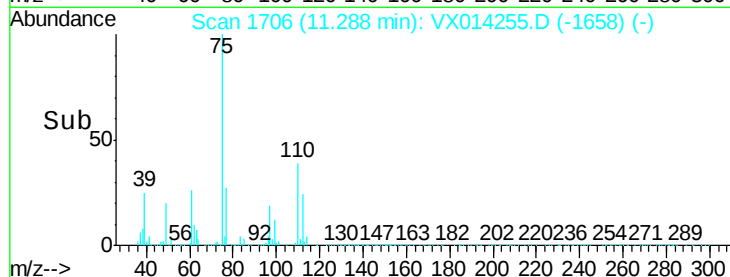
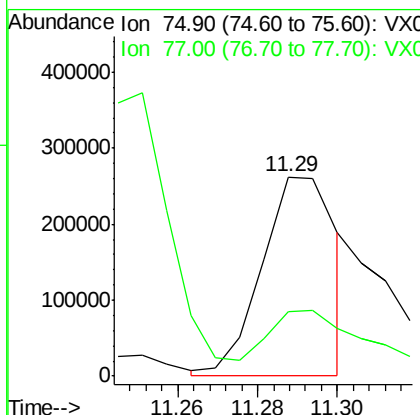
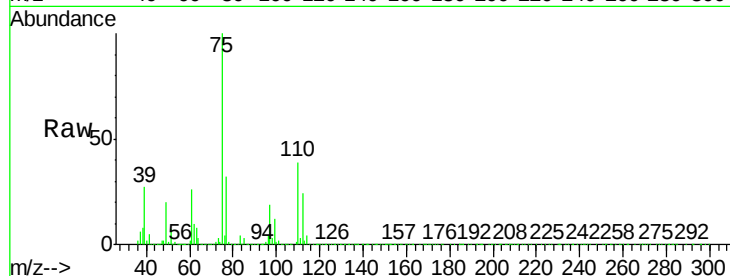
#76
 1,2,3-Trichloropropane
 Concen: 46.252 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion: 75 Resp: 339868
 Ion Ratio Lower Upper
 75 100
 77 43.9 19.3 57.8

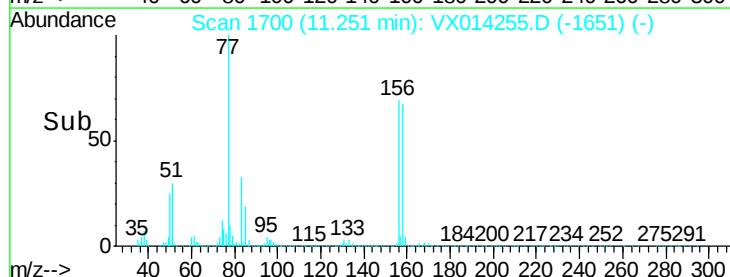
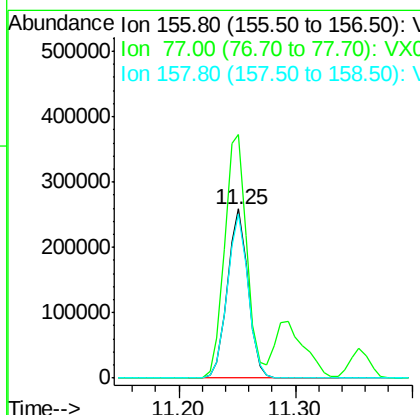
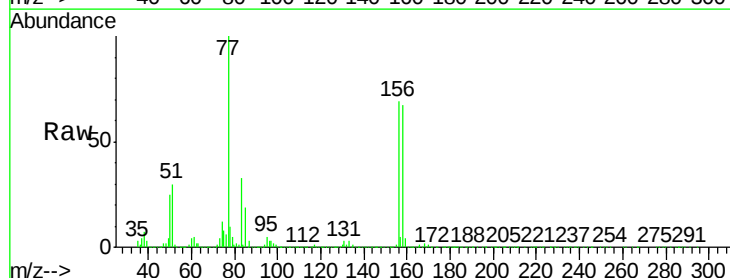
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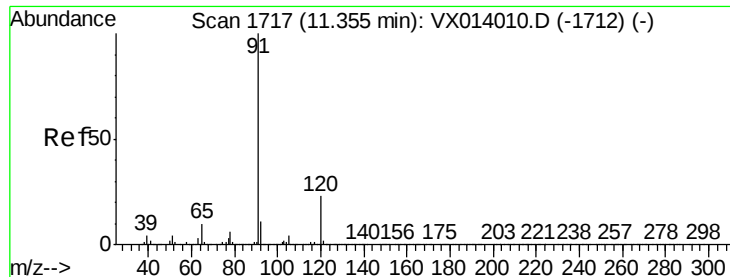
apatel
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#77
 Bromobenzene
 Concen: 48.535 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion: 156 Resp: 318233
 Ion Ratio Lower Upper
 156 100
 77 154.5 76.5 229.5
 158 98.2 49.3 147.9





#78

n-propylbenzene

Concen: 50.750 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MS

Tot Ion: 91 Resp: 1356585

Ion Ratio Lower Upper

91 100

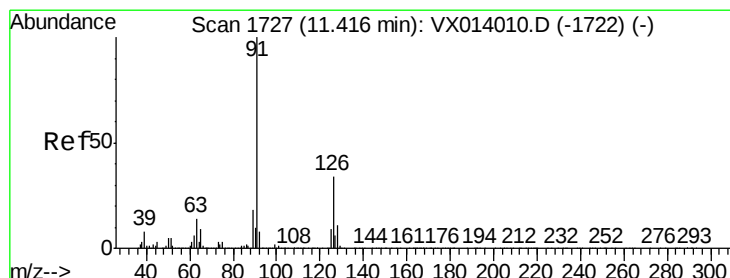
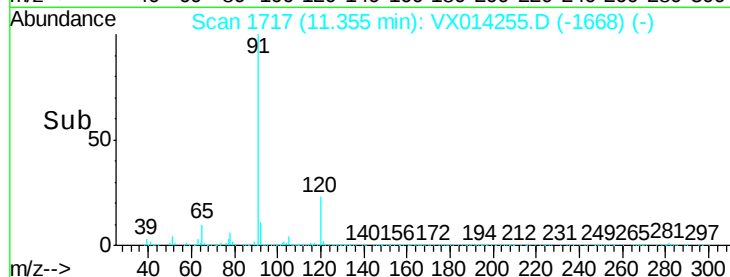
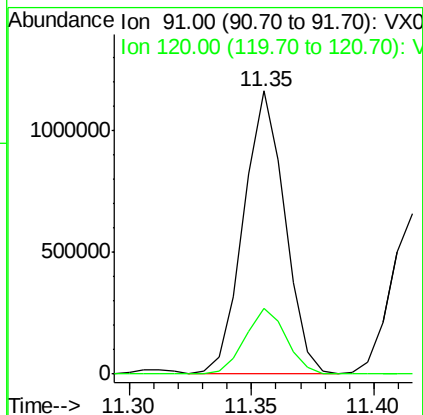
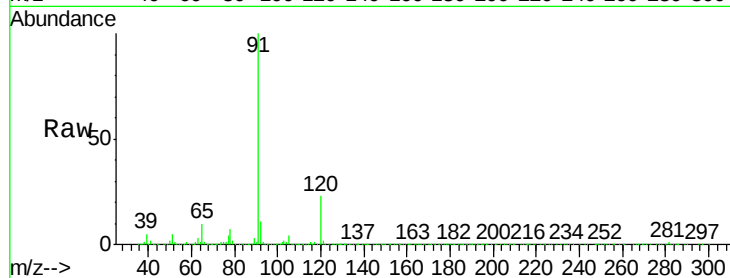
120 23.4 11.7 35.0

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#79

2-Chlorotoluene

Concen: 49.895 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014255.D

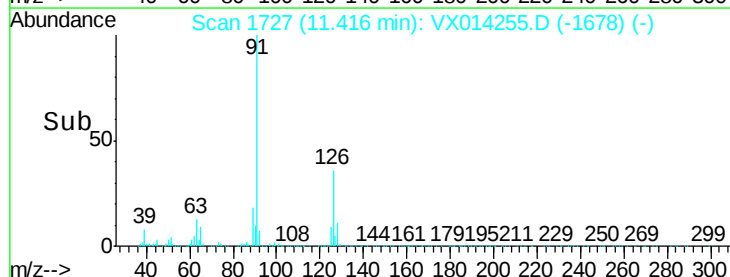
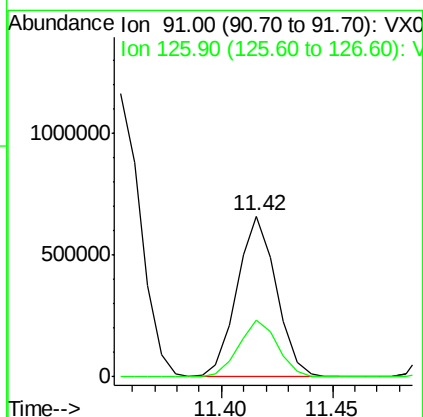
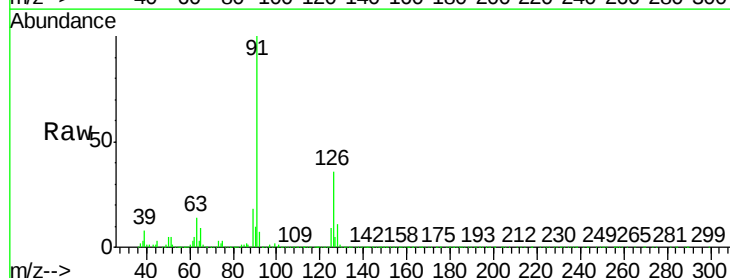
Acq: 24 Dec 2019 19:08

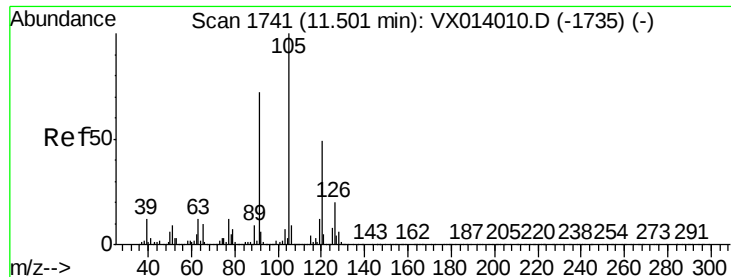
Tgt Ion: 91 Resp: 810748

Ion Ratio Lower Upper

91 100

126 35.2 17.2 51.6





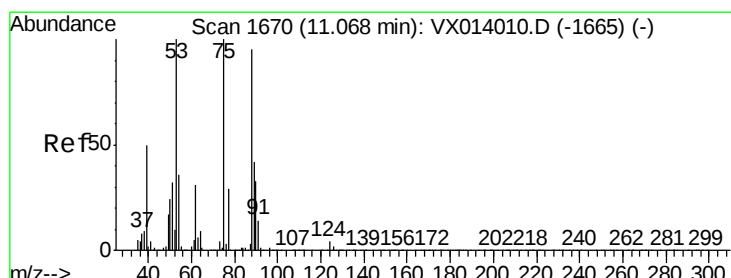
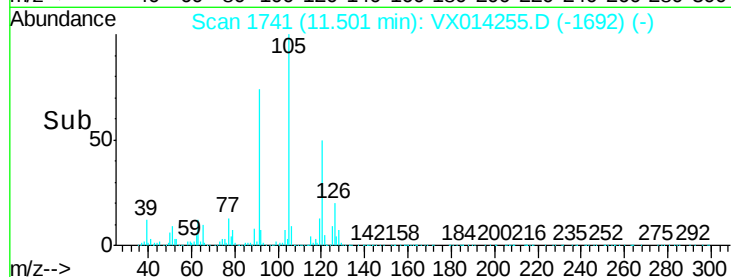
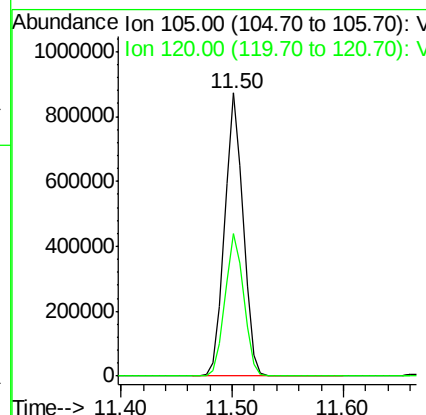
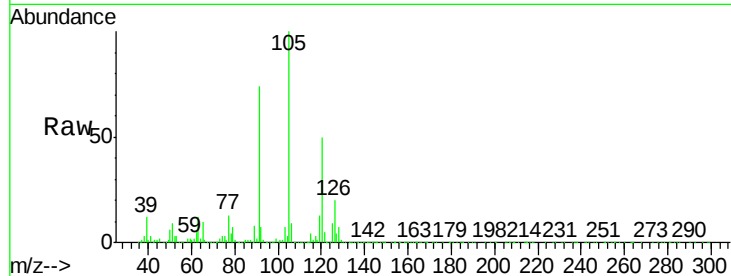
#80
 1,3,5-Trimethylbenzene
 Concen: 49.825 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.3	75.8

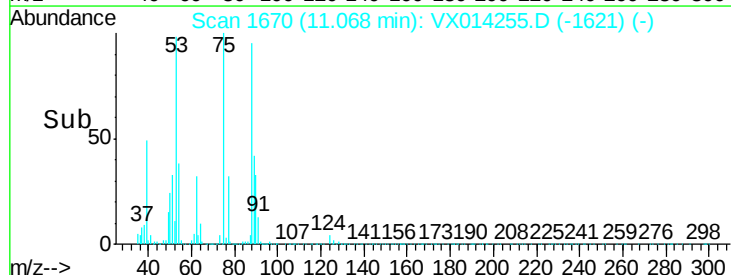
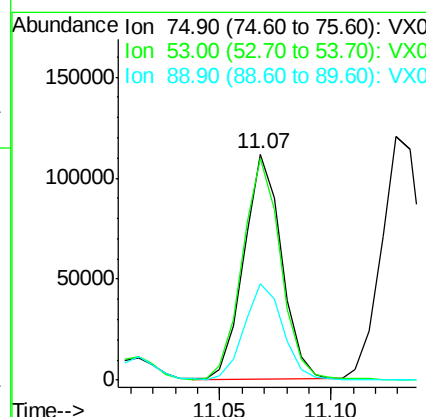
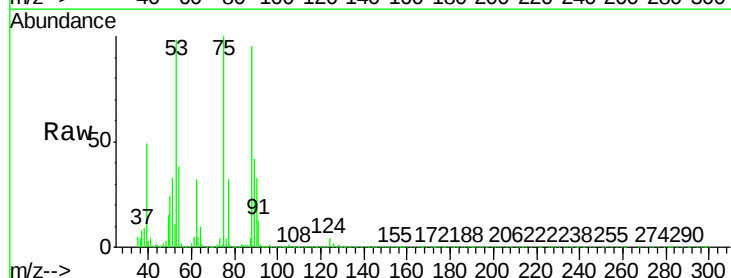
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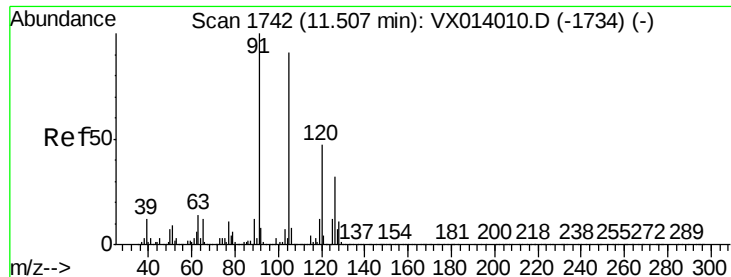
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.406 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.0	76.7	115.1
89	44.4	34.6	51.8





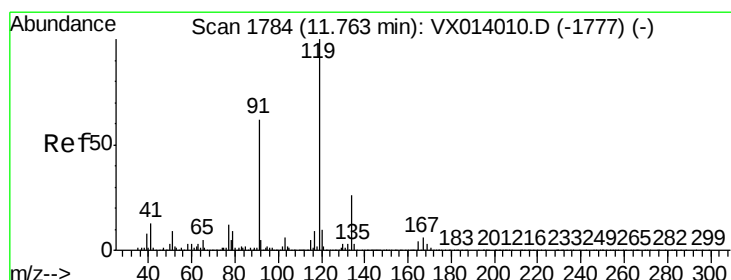
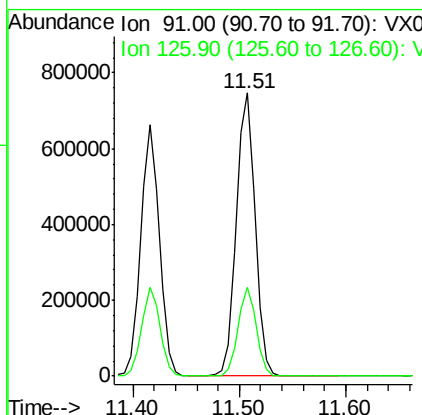
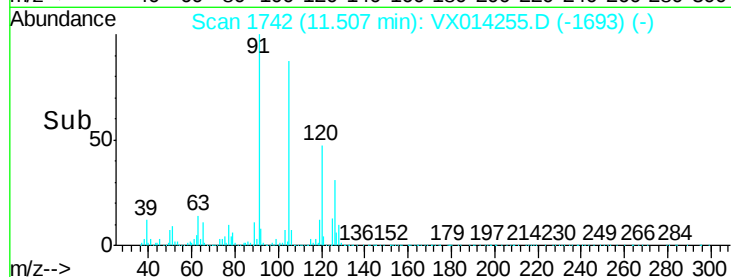
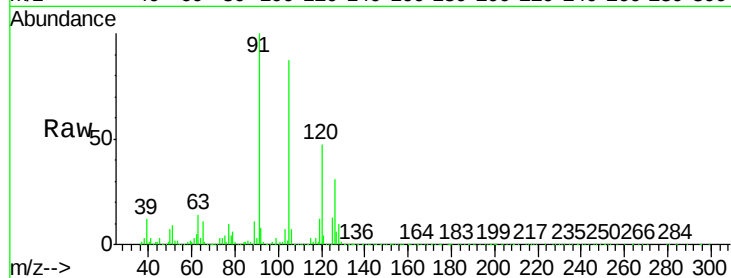
#82
4-Chlorotoluene
Concen: 49.387 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion: 91 Resp: 930870
Ion Ratio Lower Upper
91 100
126 30.2 15.6 46.8

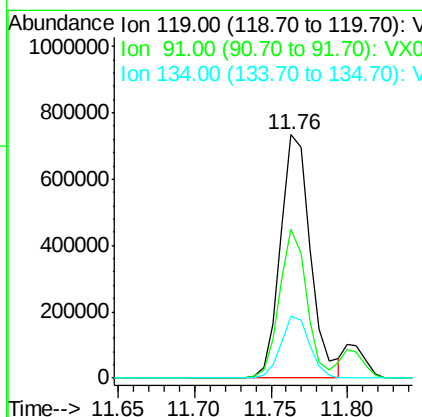
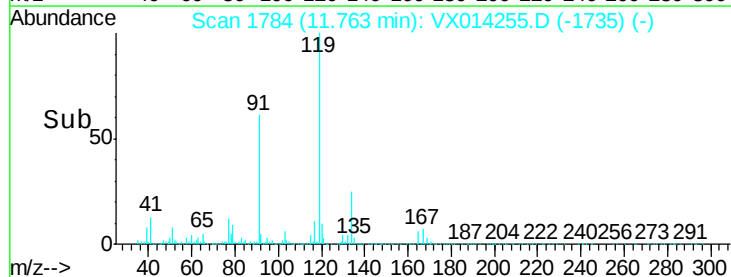
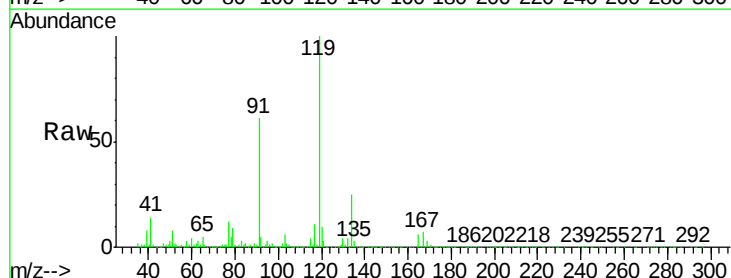
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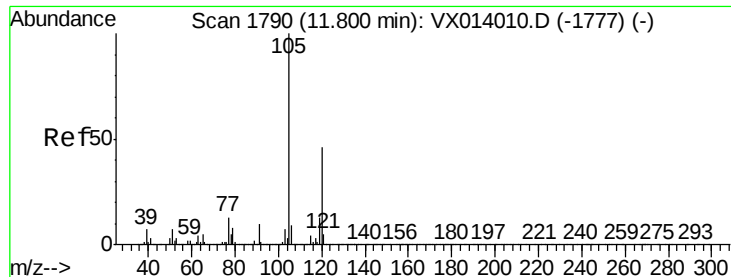
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#83
tert-Butylbenzene
Concen: 51.404 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion: 119 Resp: 1003325
Ion Ratio Lower Upper
119 100
91 55.5 28.5 85.6
134 24.1 12.2 36.6





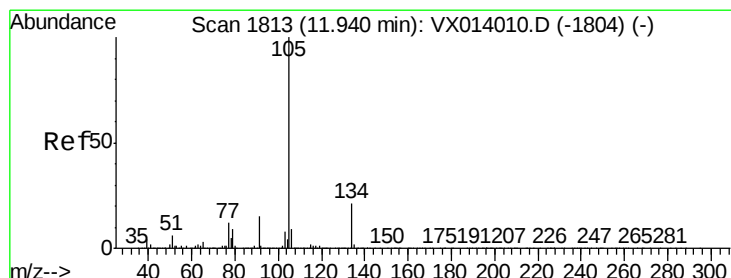
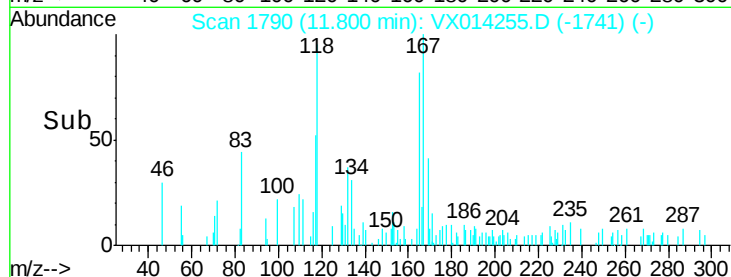
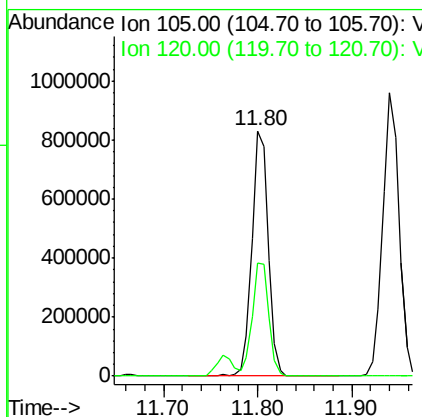
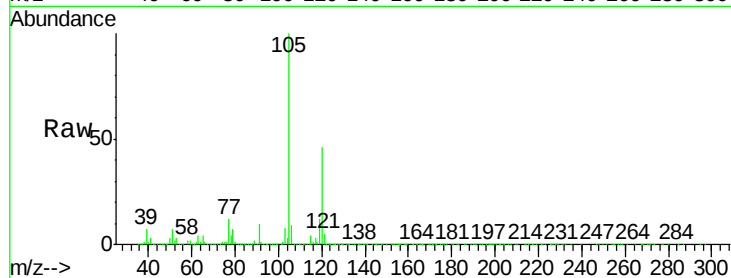
#84
1,2,4-Trimethylbenzene
Concen: 50.777 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion:105 Resp: 1019870
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2

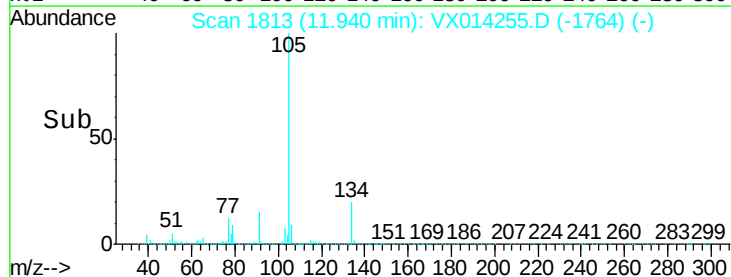
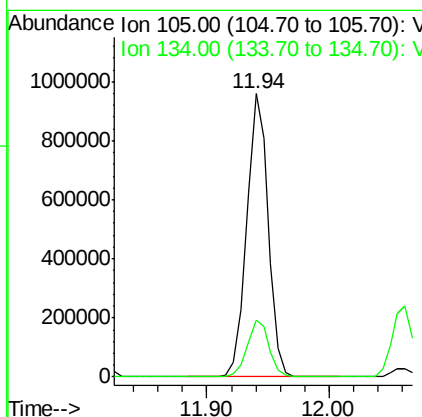
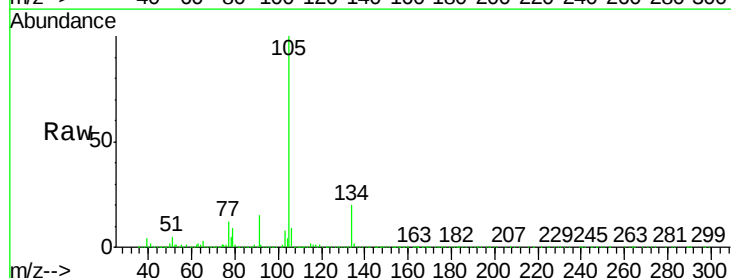
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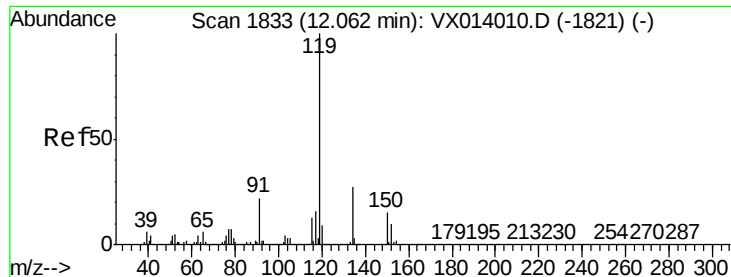
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#85
sec-Butylbenzene
Concen: 50.447 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion:105 Resp: 1162400
Ion Ratio Lower Upper
105 100
134 20.4 10.4 31.1





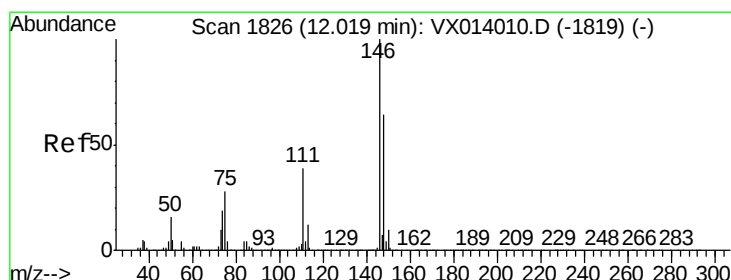
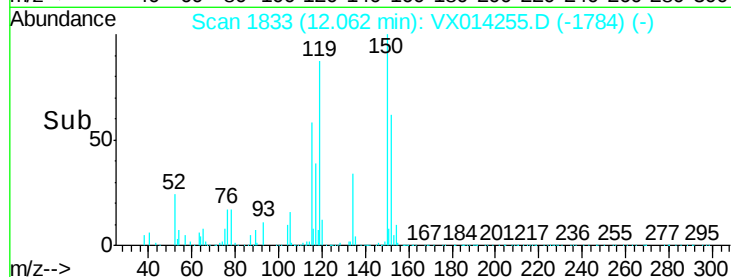
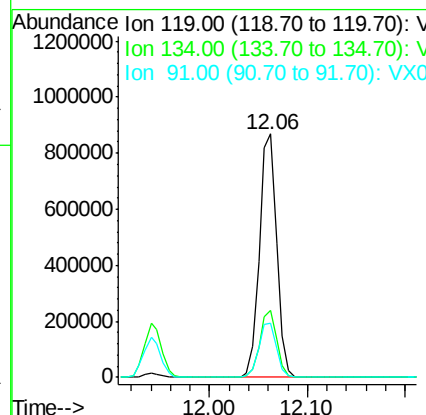
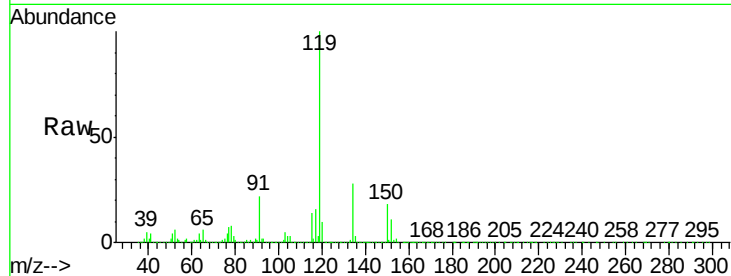
#86
 p-Isopropyltoluene
 Concen: 50.087 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	22.8	11.4	34.1

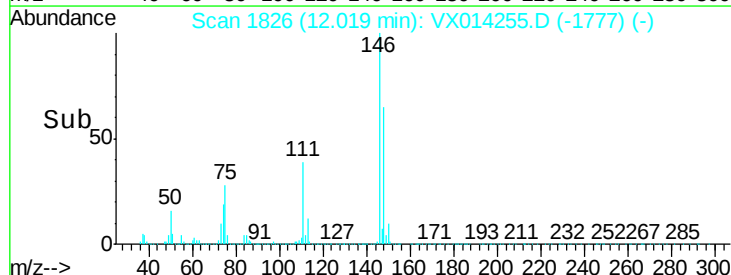
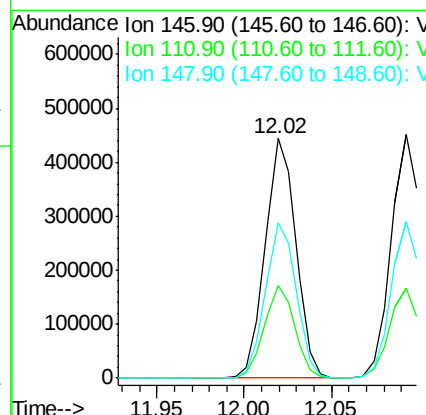
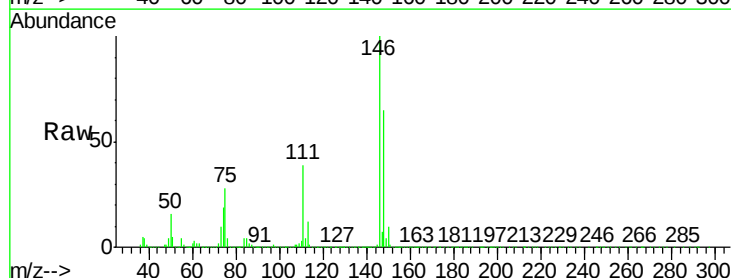
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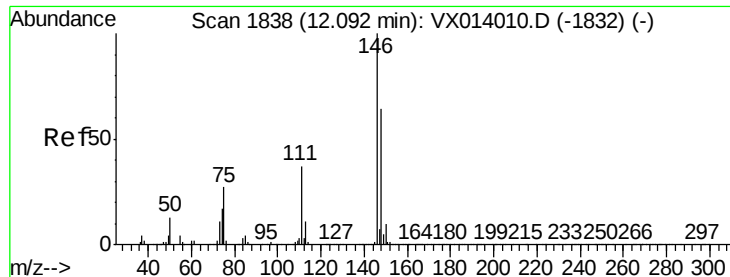
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#87
 1,3-Dichlorobenzene
 Concen: 47.368 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	65.0	32.3	96.9





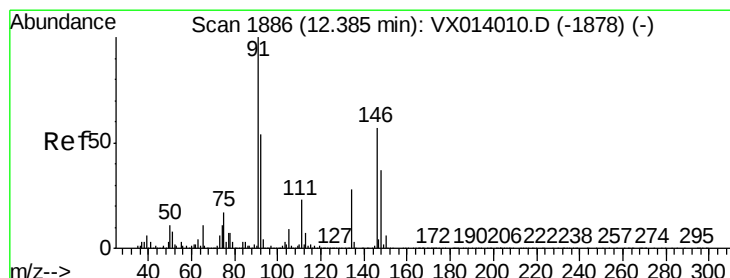
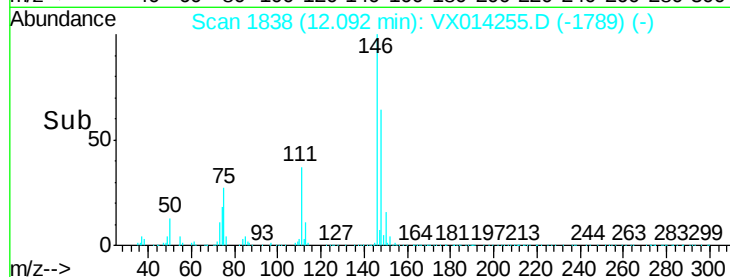
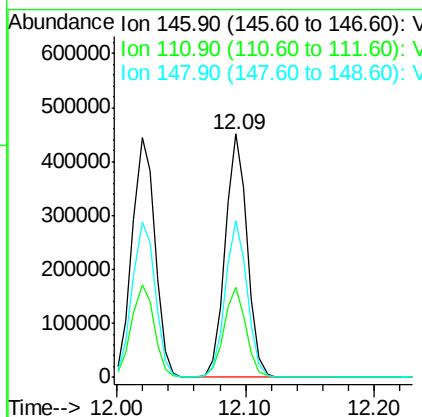
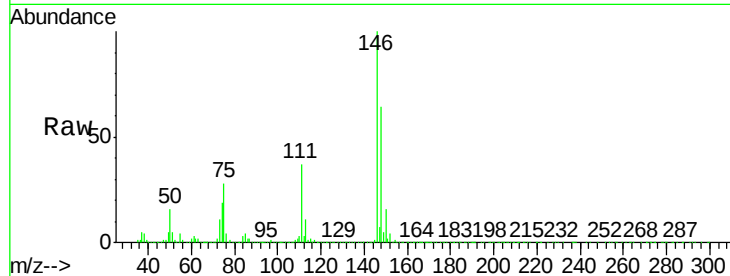
#88
 1,4-Dichlorobenzene
 Concen: 46.394 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	64.4	31.9	95.9

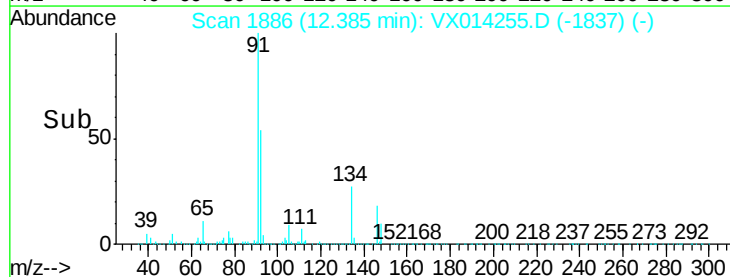
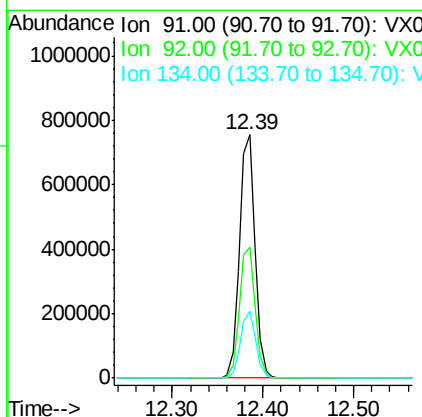
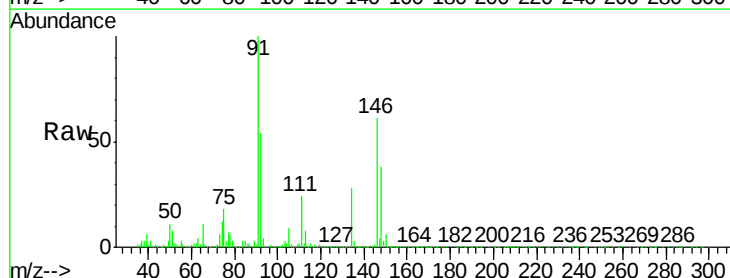
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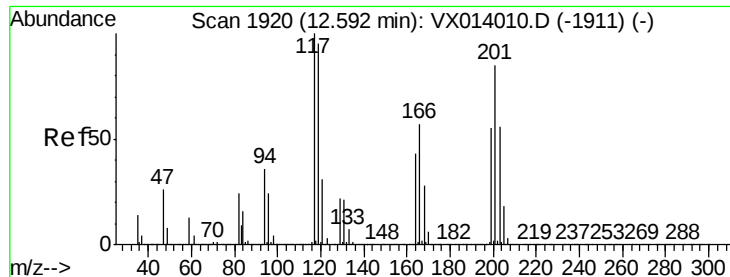
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#89
 n-Butylbenzene
 Concen: 49.500 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.6
134	27.1	13.4	40.1





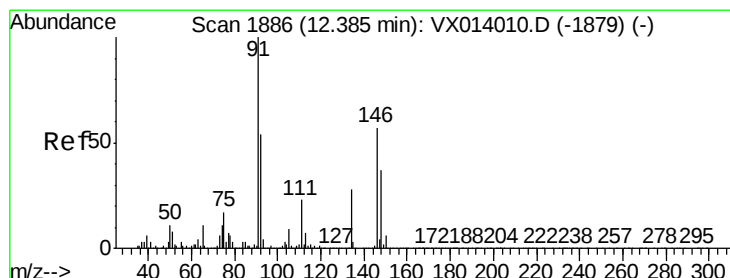
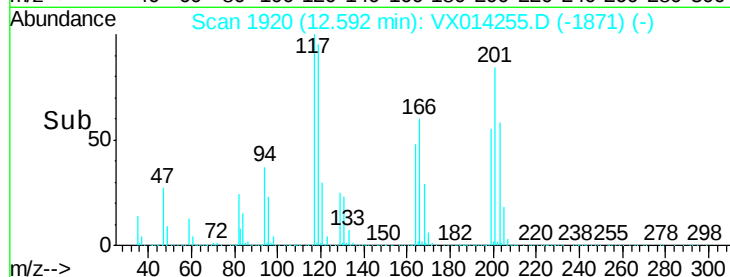
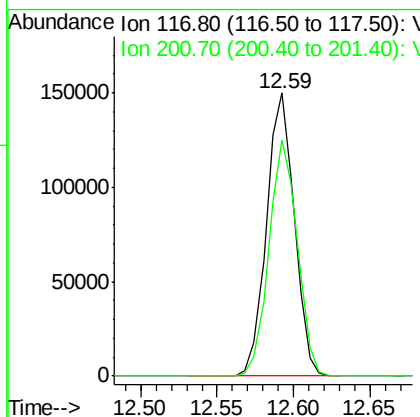
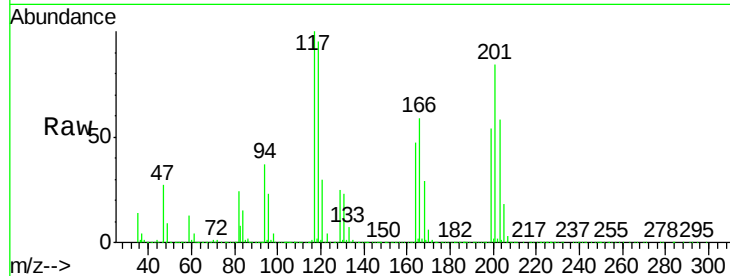
#90
Hexachloroethane
Concen: 50.603 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Instrument :
MSVOA_X
ClientSampleId :
996-MW-15-(17)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	191572		
201	84.8	43.1	129.3	

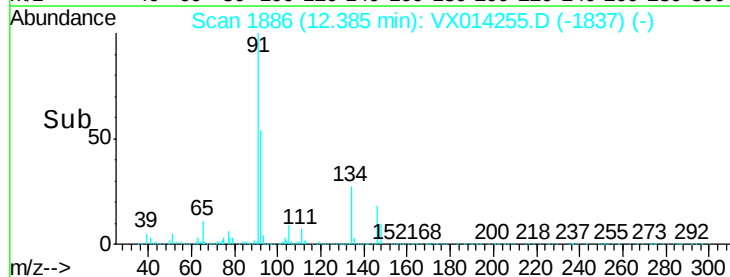
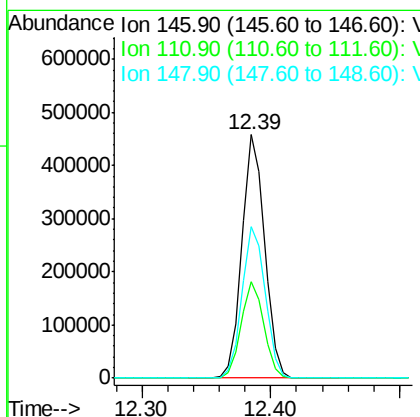
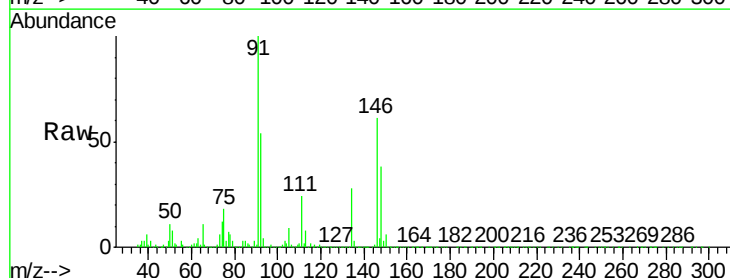
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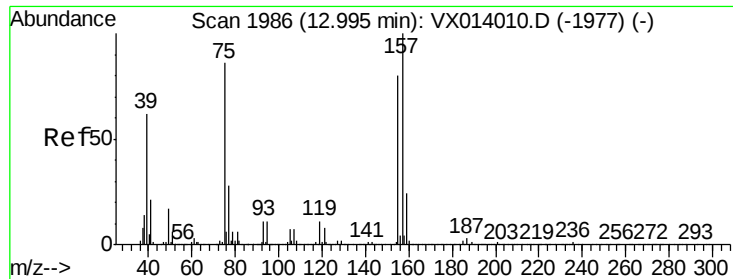
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#91
1,2-Dichlorobenzene
Concen: 48.047 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014255.D
Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	555817		
111	39.7	19.7	59.1	
148	63.9	32.1	96.5	





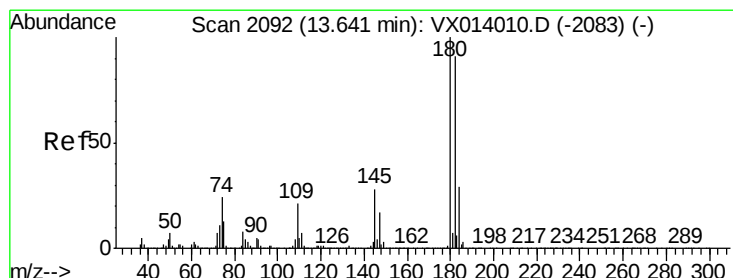
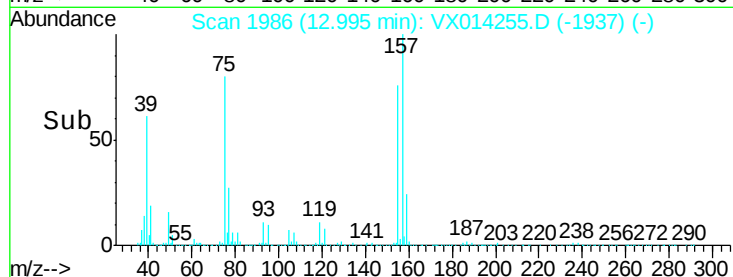
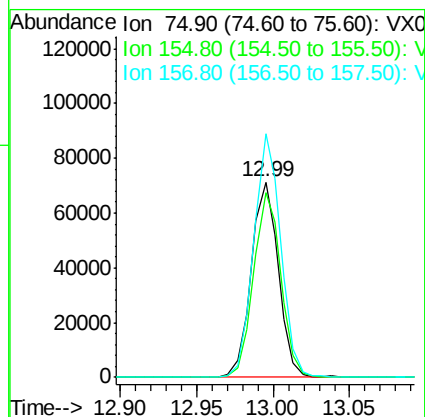
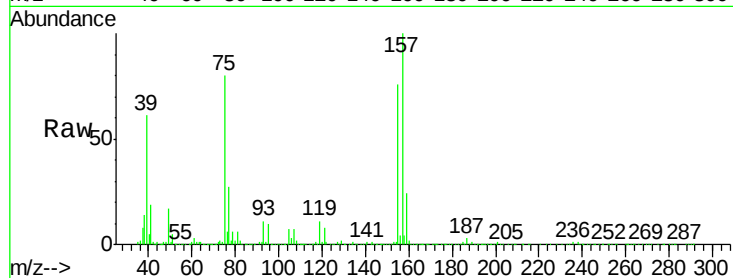
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.172 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	94.9	46.9	140.6
157	124.2	60.8	182.4

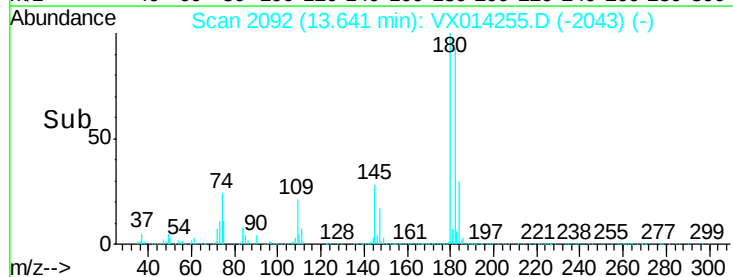
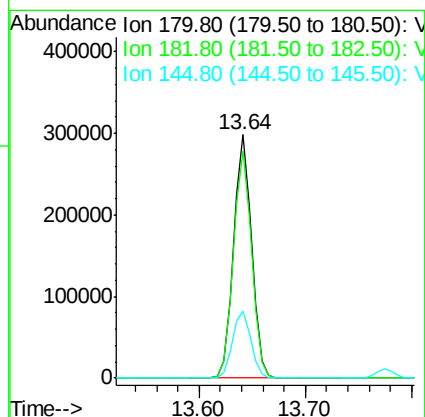
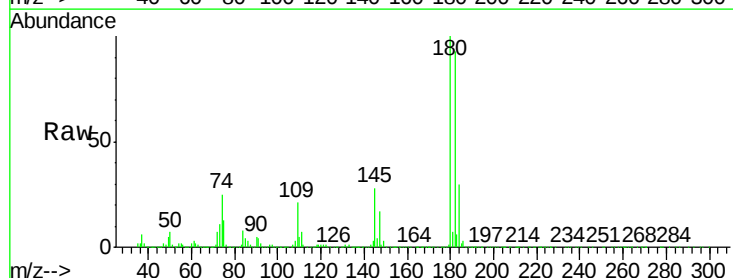
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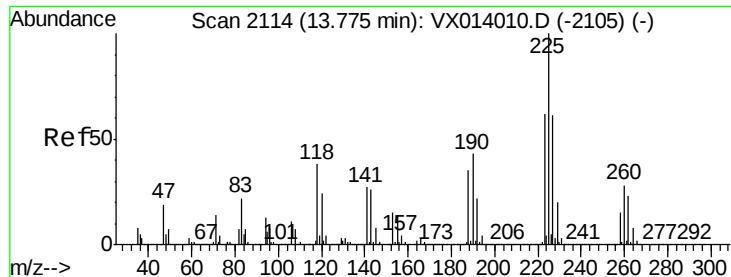
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#93
 1,2,4-Trichlorobenzene
 Concen: 47.314 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.6	139.8
145	28.1	14.2	42.6





#94

Hexachlorobutadiene

Concen: 45.759 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Instrument :

MSVOA_X

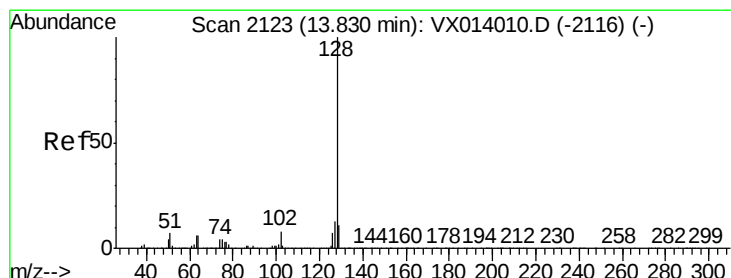
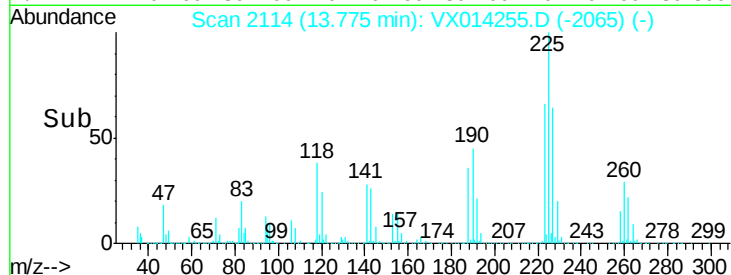
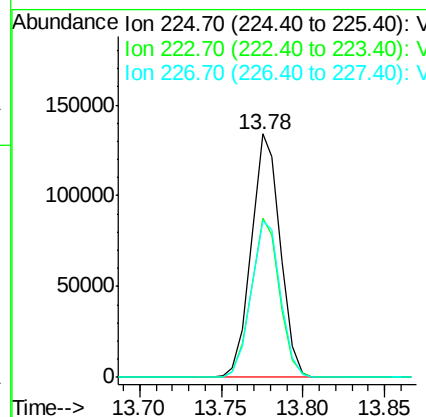
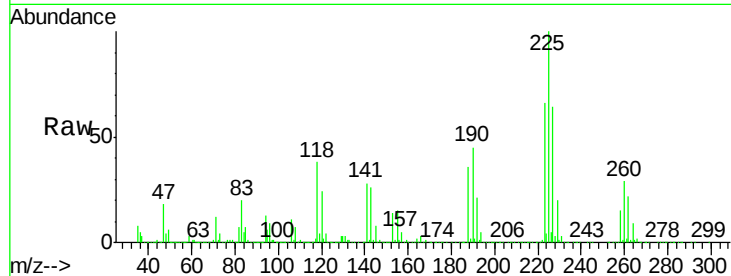
ClientSampleId :

996-MW-15-(17)MS

Tot Ion:	225	Resp:	165352
Ion Ratio		Lower	Upper
225	100		
223	64.0	30.9	92.5
227	65.1	30.9	92.7

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#95

Naphthalene

Concen: 49.997 ug/l

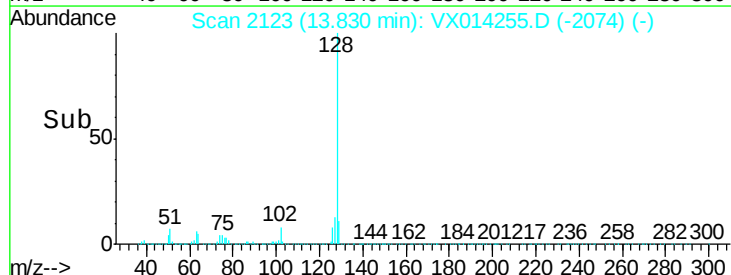
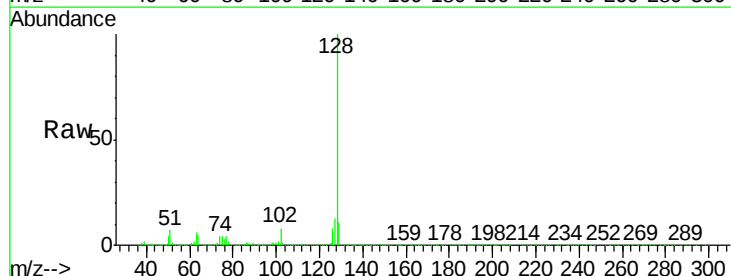
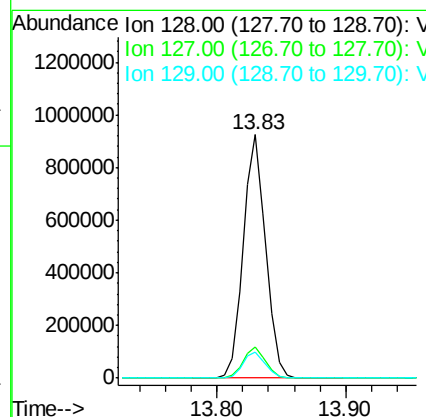
RT: 13.83 min Scan# 2123

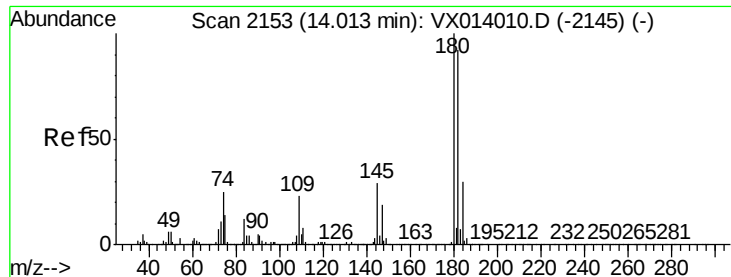
Delta R.T. 0.00 min

Lab File: VX014255.D

Acq: 24 Dec 2019 19:08

Tgt Ion:	128	Resp:	1104462
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.848 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014255.D
 Acq: 24 Dec 2019 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	46.8	140.3
145	29.0	14.8	44.4

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:46 AM

