

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014256.D
 Acq On : 24 Dec 2019 19:31
 Operator : JC/SP
 Sample : K6405-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 12/26/2019 9:24:50 AM

Quant Time: Dec 25 08:44:54 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	488343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	767359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	695552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	282953	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.49	113	241087	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.71	98	918443	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	328698	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191163	43.756	ug/l	99
3) Chloromethane	1.32	50	274381	46.798	ug/l	99
4) Vinyl Chloride	1.40	62	292317	47.250	ug/l	100
5) Bromomethane	1.63	94	202870	46.202	ug/l	99
6) Chloroethane	1.72	64	189100	49.525	ug/l	93
7) Trichlorofluoromethane	1.92	101	371170	48.466	ug/l	99
8) Diethyl Ether	2.18	74	177483	49.380	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	221637	48.010	ug/l	100
10) Methyl Iodide	2.50	142	298033	49.009	ug/l	99
11) Tert butyl alcohol	3.03	59	323298	270.334	ug/l	98
12) 1,1-Dichloroethene	2.37	96	232133	49.416	ug/l	94
13) Acrolein	2.28	56	181420	265.008	ug/l	98
14) Allyl chloride	2.72	41	428885	51.135	ug/l	99
15) Acrylonitrile	3.13	53	750093	268.719	ug/l	99
16) Acetone	2.43	43	625974	174.211	ug/l	100
17) Carbon Disulfide	2.56	76	587298	45.109	ug/l	99
18) Methyl Acetate	2.76	43	353803	49.691	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	805079	52.155	ug/l	98
20) Methylene Chloride	2.85	84	273788	48.387	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	251092	48.518	ug/l	99
22) Diisopropyl ether	3.84	45	879598	52.627	ug/l	98
23) Vinyl Acetate	3.80	43	3464115	253.977	ug/l	99
24) 1,1-Dichloroethane	3.69	63	468929	50.428	ug/l	100
25) 2-Butanone	4.66	43	1041312	235.059	ug/l	99
26) 2,2-Dichloropropane	4.58	77	317761	44.012	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	294943	50.392	ug/l	98
28) Bromochloromethane	5.01	49	198920	55.572	ug/l	98
29) Tetrahydrofuran	5.11	42	682016	275.249	ug/l	99
30) Chloroform	5.20	83	452105	51.287	ug/l	98
31) Cyclohexane	5.58	56	411064	49.703	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	378086	50.325	ug/l	98
36) 1,1-Dichloropropene	5.79	75	332600	47.238	ug/l	99
37) Ethyl Acetate	4.82	43	380941	48.994	ug/l	100
38) Carbon Tetrachloride	5.78	117	319783	49.855	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	400357	46.051	ug/l	100
40) Benzene	6.14	78	1055542	48.723	ug/l	99
41) Methacrylonitrile	5.03	41	224651	52.074	ug/l	99
42) 1,2-Dichloroethane	6.18	62	361931	49.285	ug/l	99
43) Isopropyl Acetate	6.43	43	638787	49.643	ug/l	99
44) Trichloroethene	7.21	130	285721	47.749	ug/l	100
45) 1,2-Dichloropropane	7.51	63	282998	50.966	ug/l	95
46) Dibromomethane	7.65	93	177549	48.363	ug/l	99
47) Bromodichloromethane	7.89	83	352008	50.911	ug/l	100
48) Methyl methacrylate	7.76	41	326825	51.870	ug/l	99
49) 1,4-Dioxane	7.73	88	127560	994.815	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2099265	259.776	ug/l	99
52) Toluene	8.78	92	658898	48.118	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	384066	50.659	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	429180	50.814	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	274360	49.991	ug/l	98
56) Ethyl methacrylate	9.17	69	444852	51.602	ug/l	99
57) 1,3-Dichloropropane	9.37	76	466423	50.513	ug/l	100
59) 2-Hexanone	9.48	43	1592875	244.859	ug/l	100
60) Dibromochloromethane	9.57	129	286082	52.442	ug/l	100
61) 1,2-Dibromoethane	9.67	107	280500	49.954	ug/l	98
64) Tetrachloroethene	9.33	164	278570	45.261	ug/l	99
65) Chlorobenzene	10.14	112	706814	47.793	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	267372	50.633	ug/l	99
67) Ethyl Benzene	10.25	91	1251103	49.206	ug/l	100
68) m/p-Xylenes	10.35	106	955477	97.705	ug/l	100
69) o-Xylene	10.70	106	464689	48.451	ug/l	99
70) Styrene	10.71	104	801486	49.419	ug/l	99
71) Bromoform	10.85	173	221926	52.283	ug/l	100
73) Isopropylbenzene	11.01	105	1231823	50.924	ug/l	100
74) N-amyl acetate	10.89	43	534666	47.154	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	428492	51.094	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	344017m	46.123	ug/l	
77) Bromobenzene	11.25	156	319086	47.944	ug/l	99
78) n-propylbenzene	11.35	91	1379089	50.827	ug/l	100
79) 2-Chlorotoluene	11.42	91	819442	49.683	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1012595	49.739	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136911	51.810	ug/l	99
82) 4-Chlorotoluene	11.51	91	931082	48.667	ug/l	99
83) tert-Butylbenzene	11.76	119	1010181	50.989	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1022495	50.153	ug/l	100
85) sec-Butylbenzene	11.94	105	1165943	49.852	ug/l	100
86) p-Isopropyltoluene	12.06	119	1066974	49.873	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	547359	46.926	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	554118	46.720	ug/l	100
89) n-Butylbenzene	12.39	91	899766	49.289	ug/l	99
90) Hexachloroethane	12.59	117	193496	50.354	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	557681	47.494	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89188	48.058	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	366460	48.017	ug/l	99

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ClientSampleId :
996-MW-15-(17)MSD

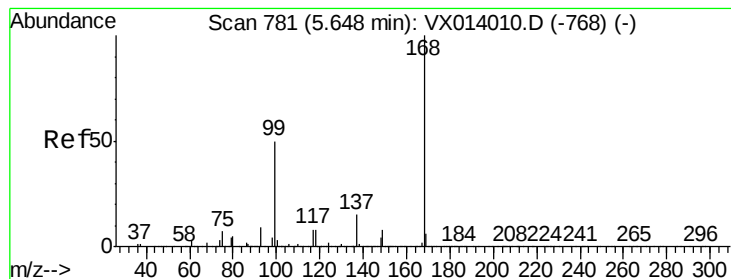
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173891	47.410	ug/l	98
95) Naphthalene	13.83	128	1147246	51.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	373104	49.524	ug/l	99

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



#1

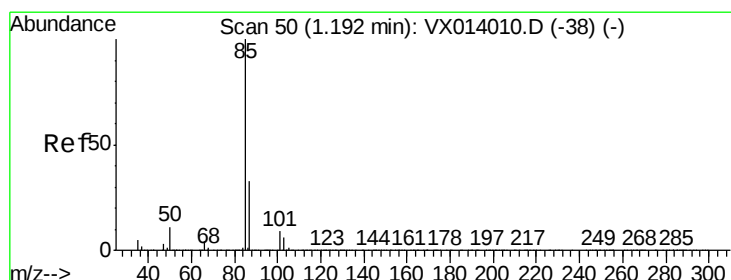
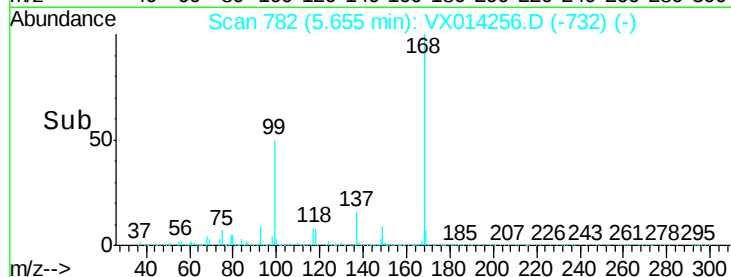
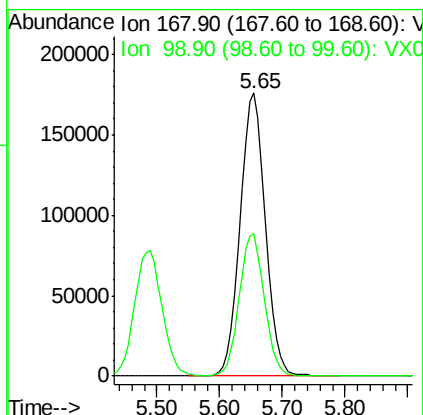
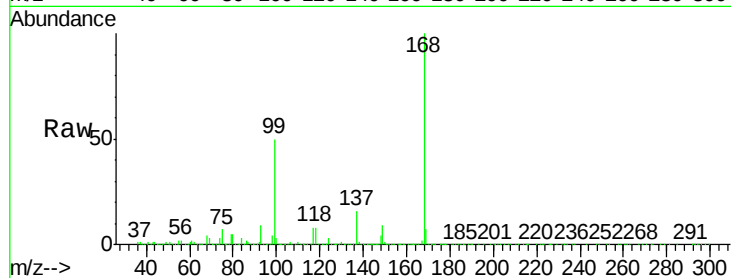
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.1	40.3	60.5

Manual Integrations
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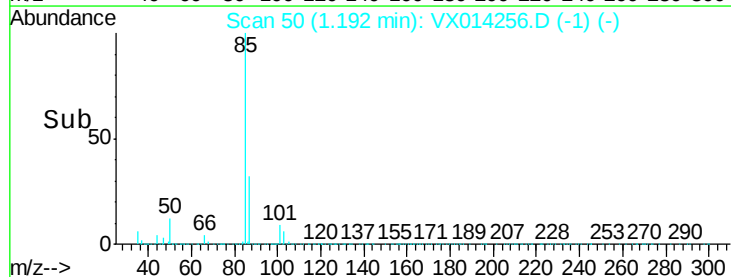
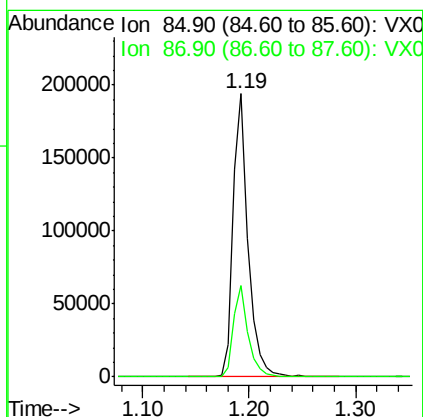
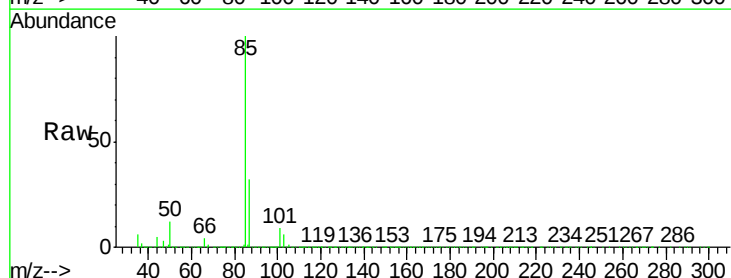
apatel
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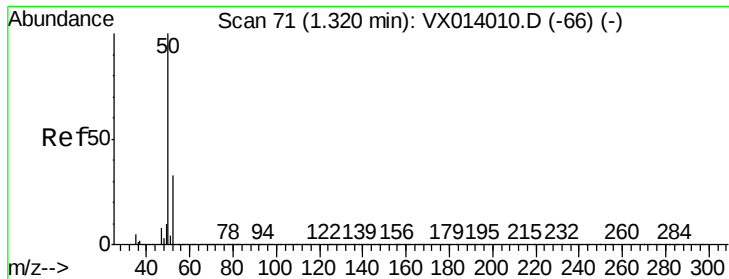


#2

Dichlorodifluoromethane
Concen: 43.756 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.2





#3

Chloromethane

Concen: 46.798 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 50 Resp: 274381

Ion Ratio Lower Upper

50 100

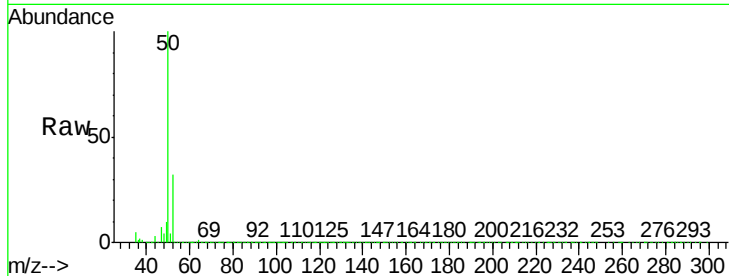
52 32.2 26.2 39.4

Manual Integrations

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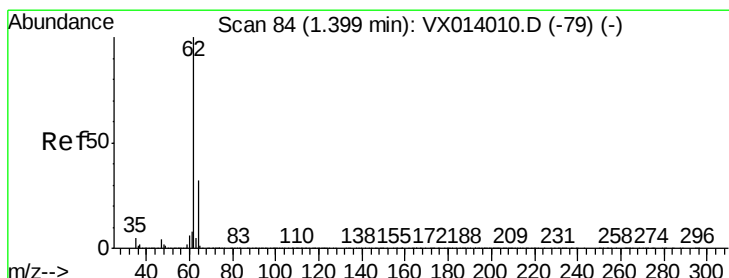
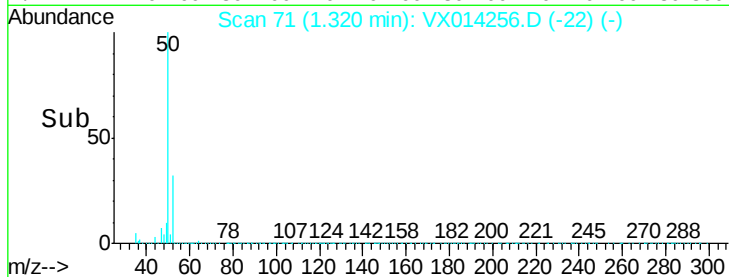
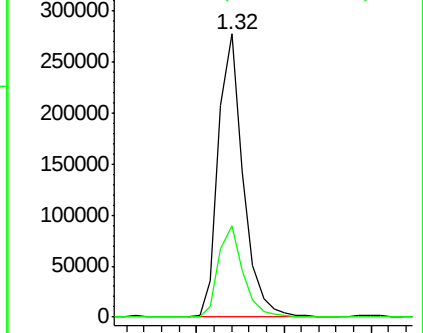
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.250 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014256.D

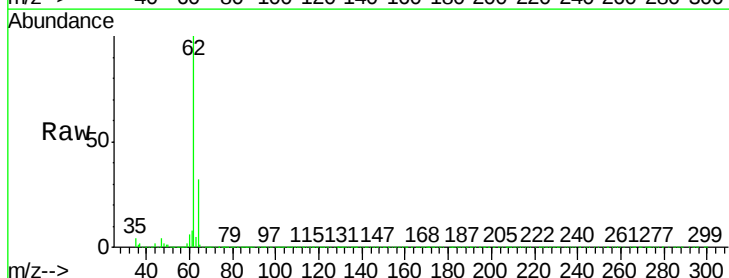
Acq: 24 Dec 2019 19:31

Tgt Ion: 62 Resp: 292317

Ion Ratio Lower Upper

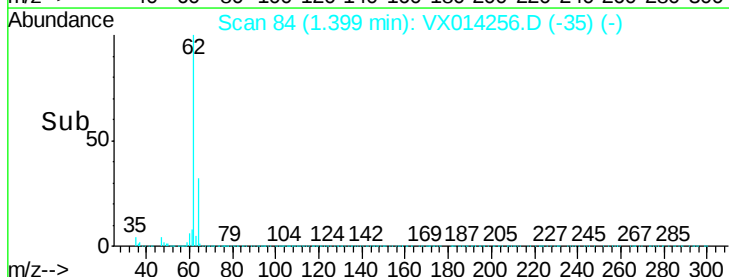
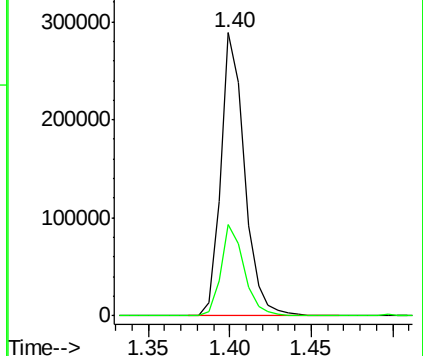
62 100

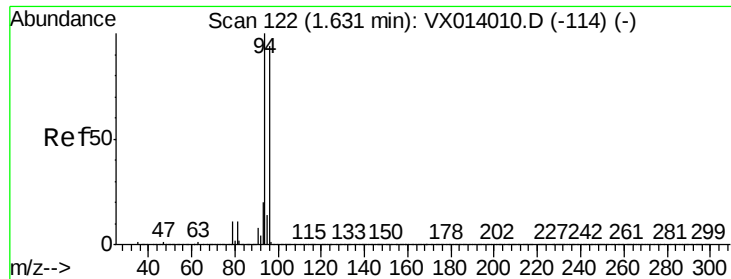
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.202 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 94 Resp: 202870

Ion Ratio Lower Upper

94 100

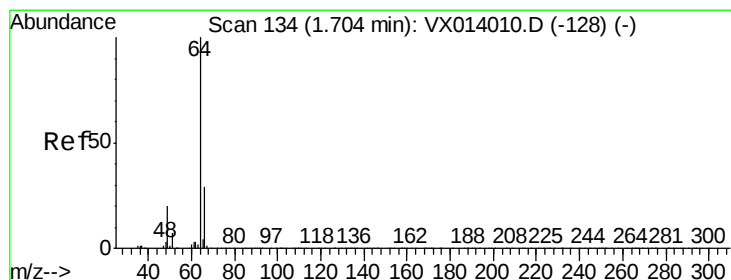
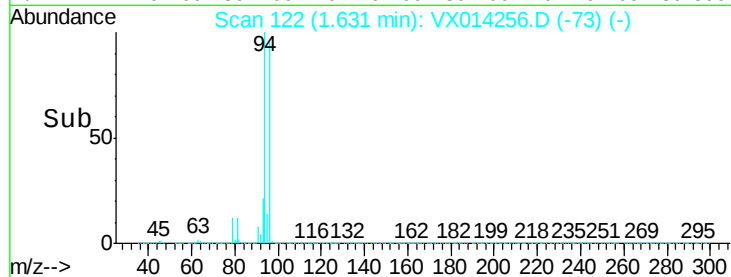
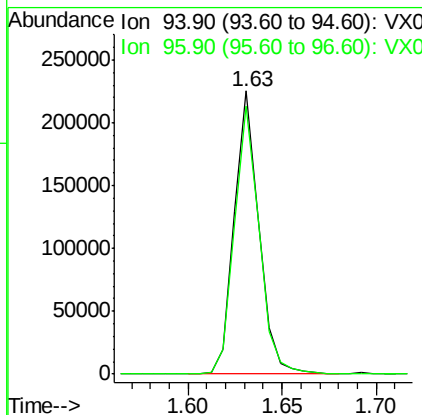
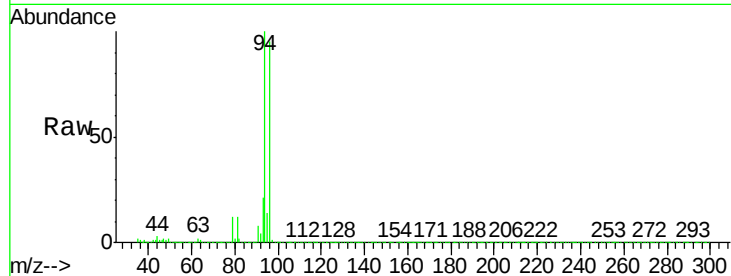
96 94.7 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 49.525 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014256.D

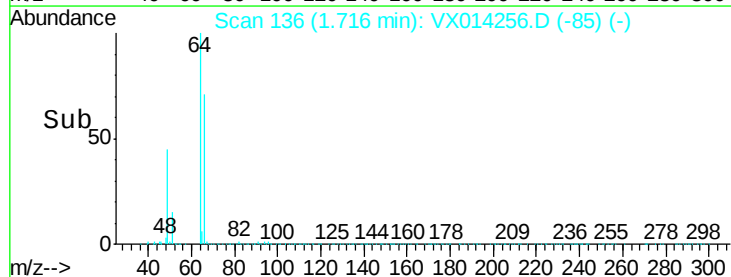
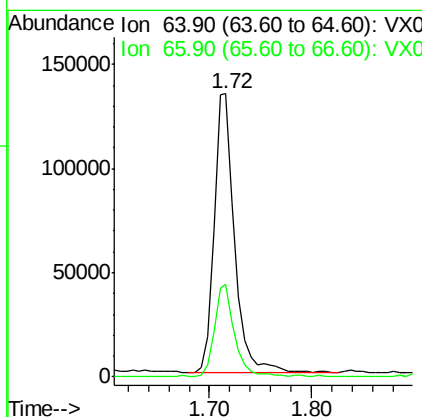
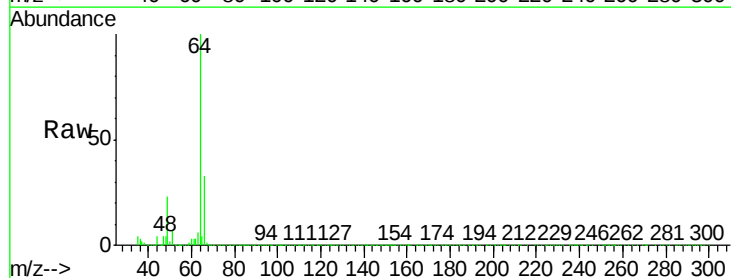
Acq: 24 Dec 2019 19:31

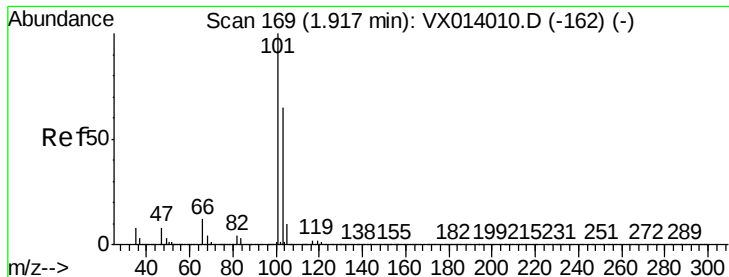
Tgt Ion: 64 Resp: 189100

Ion Ratio Lower Upper

64 100

66 33.1 23.4 35.2





#7

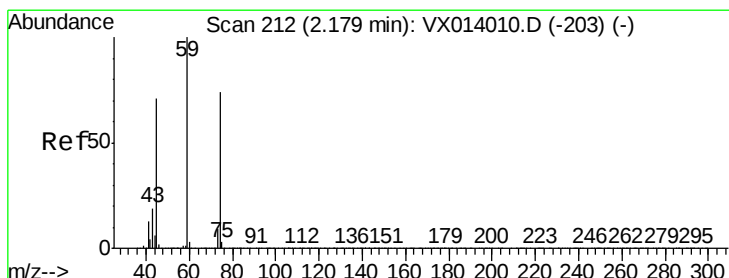
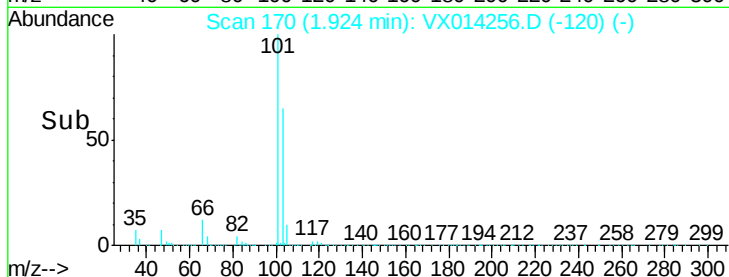
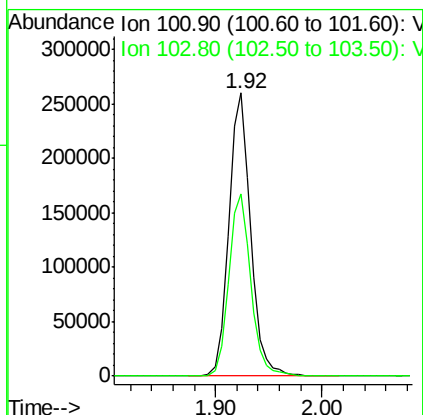
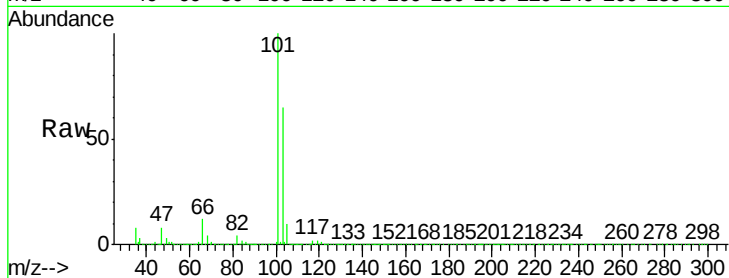
Trichlorofluoromethane
Concen: 48.466 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

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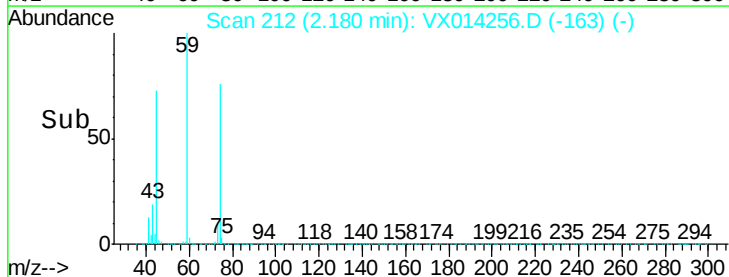
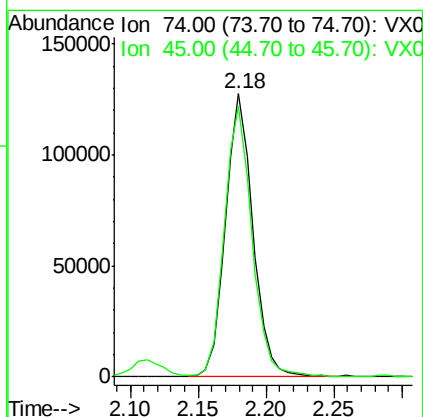
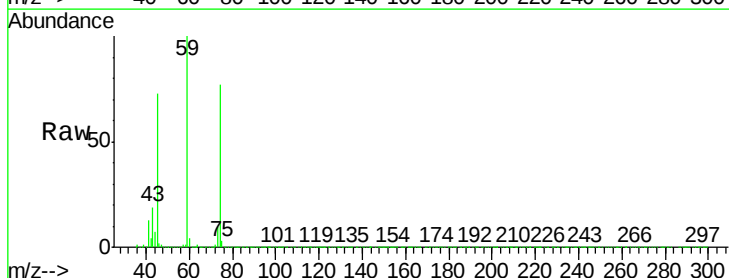
apatel
12/26/2019 9:24:50 AM

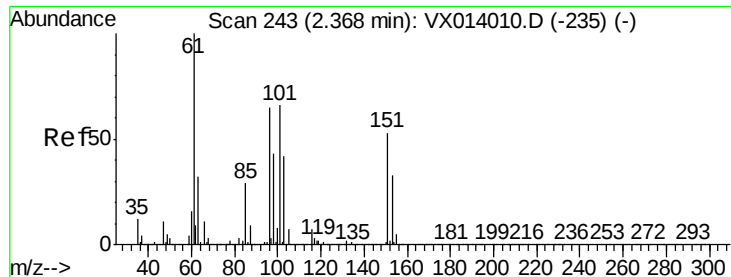


#8

Diethyl Ether
Concen: 49.380 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.010 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

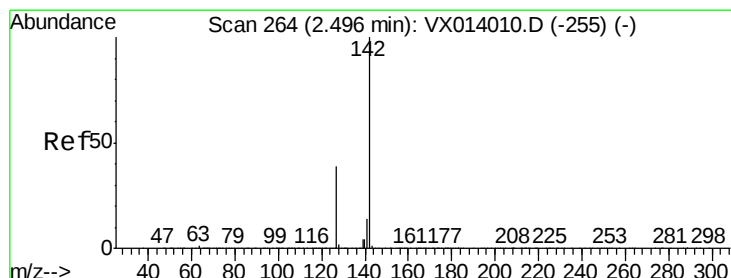
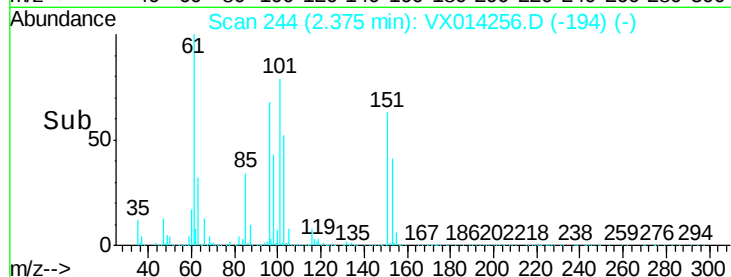
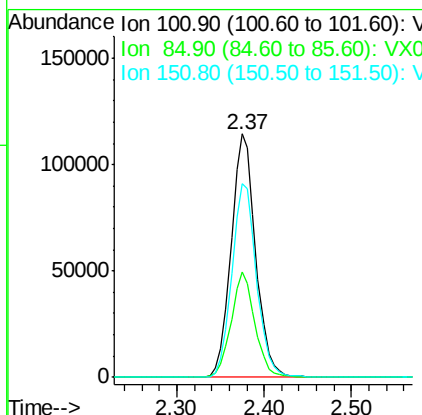
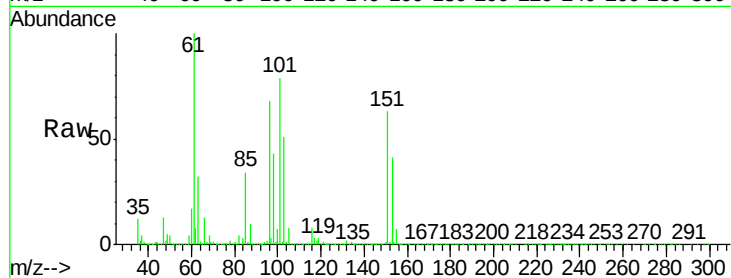
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	101	Resp:	221637
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.7	50.5
151	80.5	64.5	96.7

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#10

Methyl Iodide

Concen: 49.009 ug/l

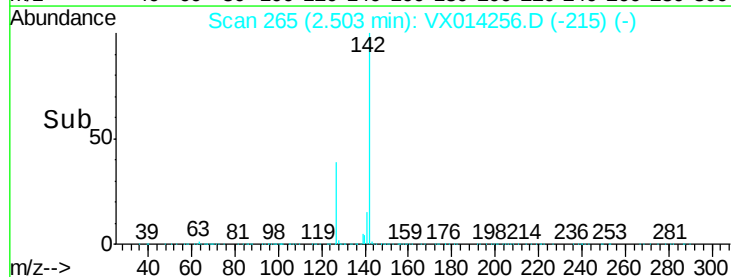
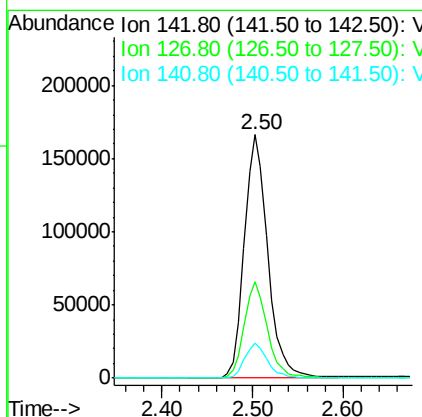
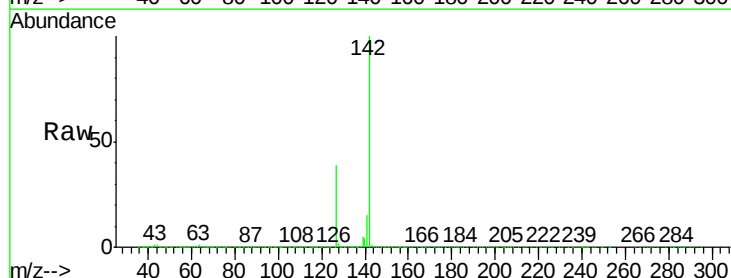
RT: 2.50 min Scan# 265

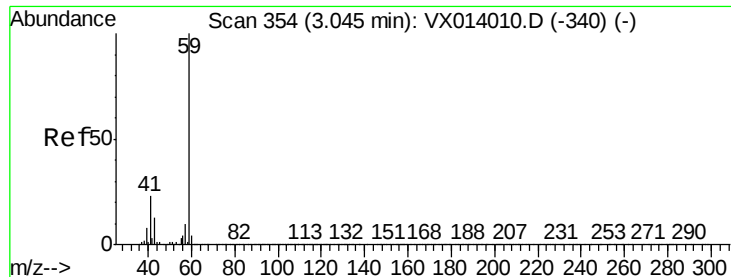
Delta R.T. 0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	142	Resp:	298033
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.6	47.4
141	13.9	11.6	17.4





#11

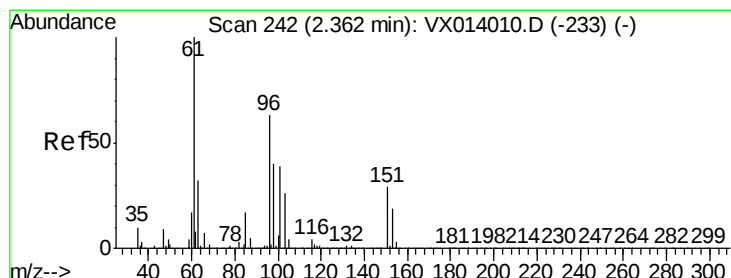
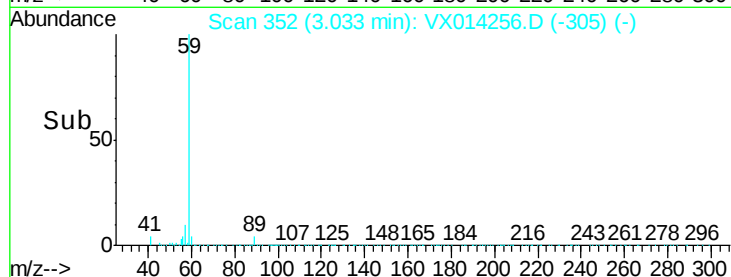
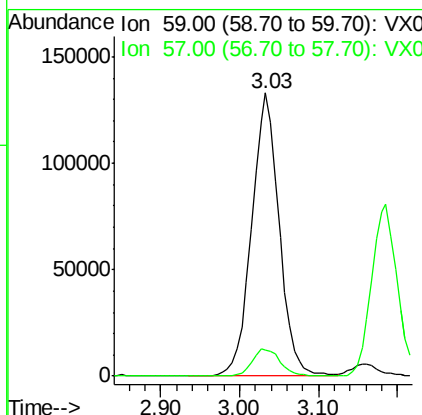
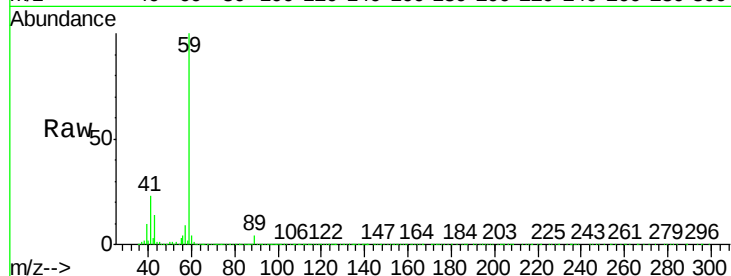
Tert butyl alcohol
Concen: 270.334 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

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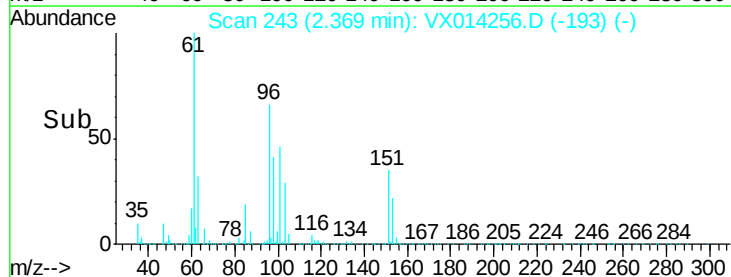
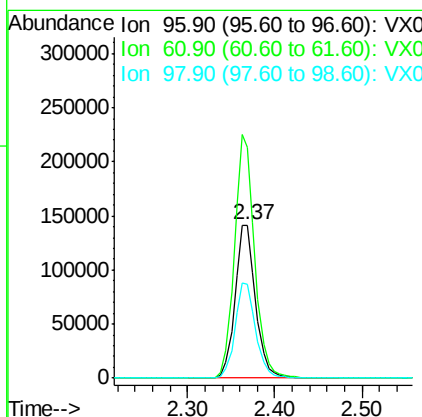
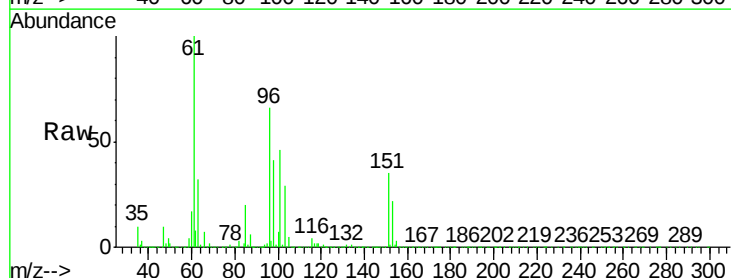
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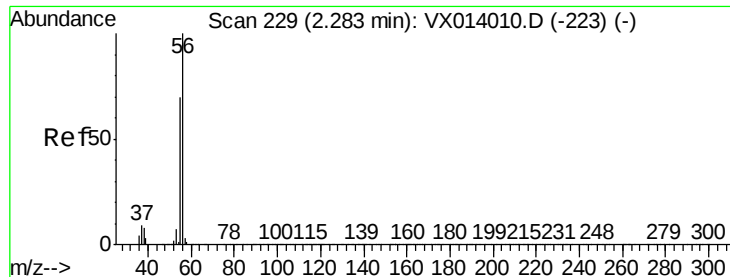


#12

1,1-Dichloroethene
Concen: 49.416 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.7	127.9	191.9
98	61.6	50.5	75.7





#13

Acrolein

Concen: 265.008 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 56 Resp: 181420

Ion Ratio Lower Upper

56 100

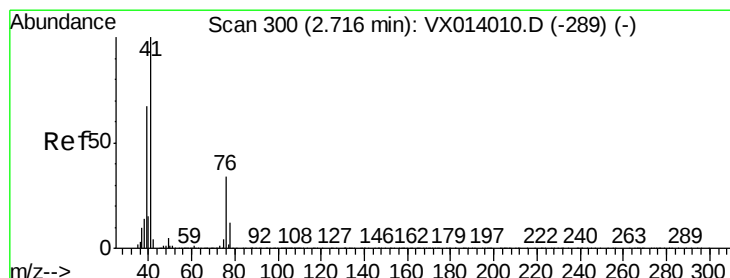
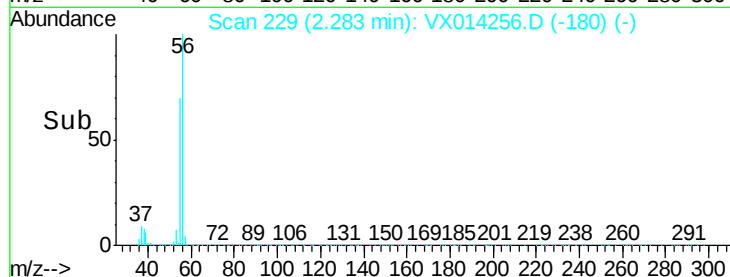
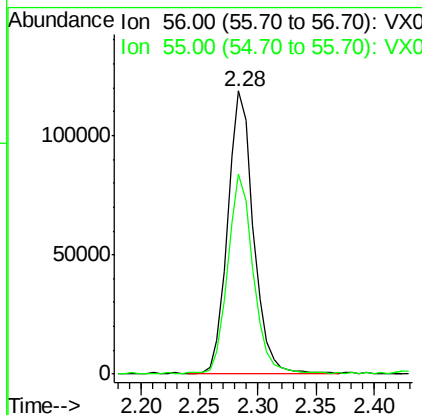
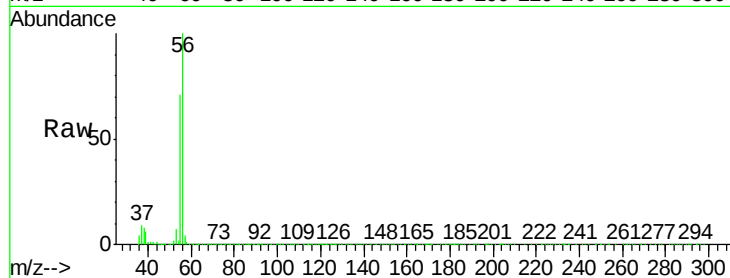
55 69.7 56.9 85.3

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#14

Allyl chloride

Concen: 51.135 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

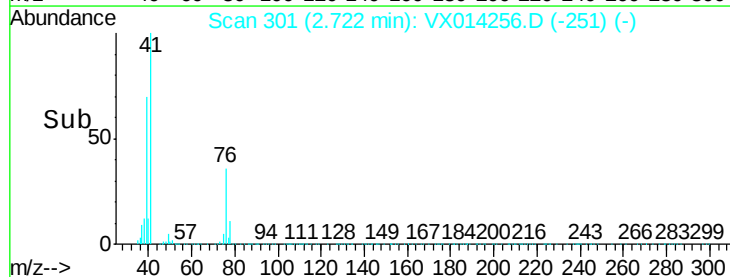
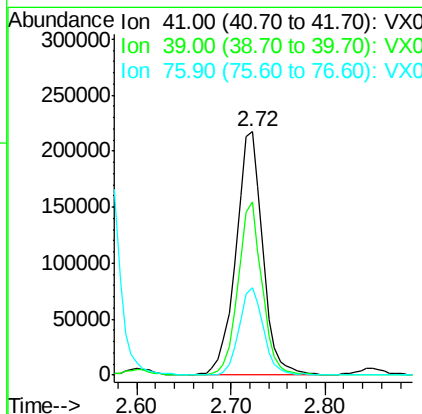
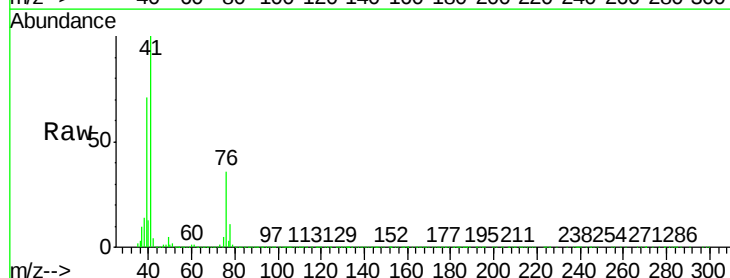
Tgt Ion: 41 Resp: 428885

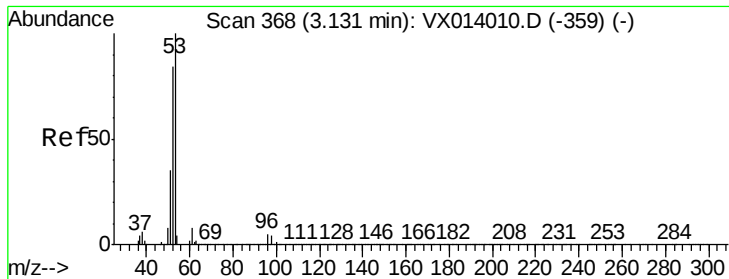
Ion Ratio Lower Upper

41 100

39 63.4 51.8 77.8

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 268.719 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

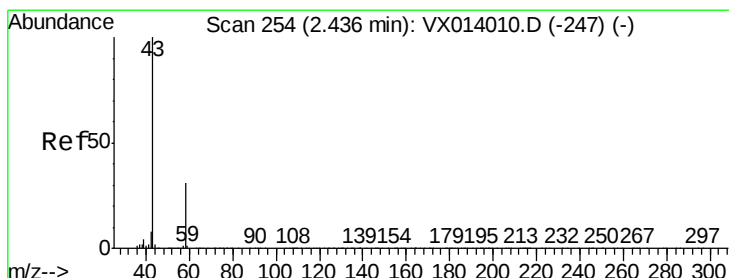
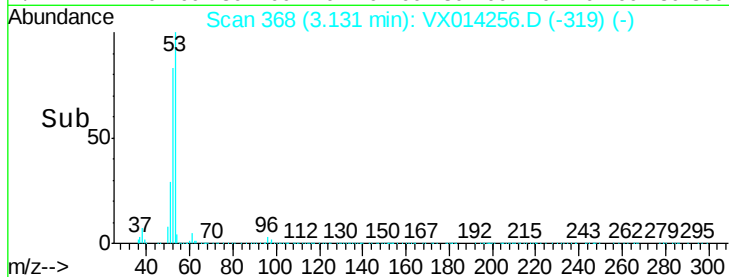
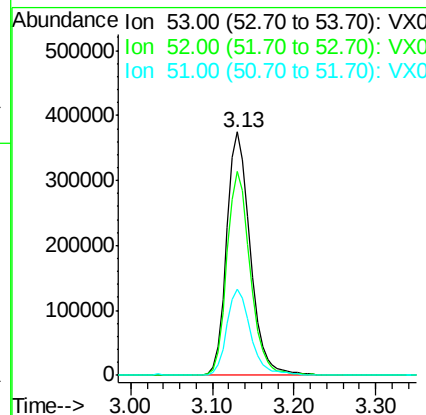
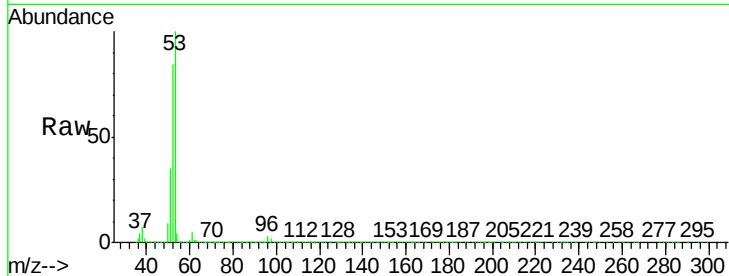
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	53	Resp:	750093
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.5	99.7
51	35.9	28.1	42.1

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#16

Acetone

Concen: 174.211 ug/l

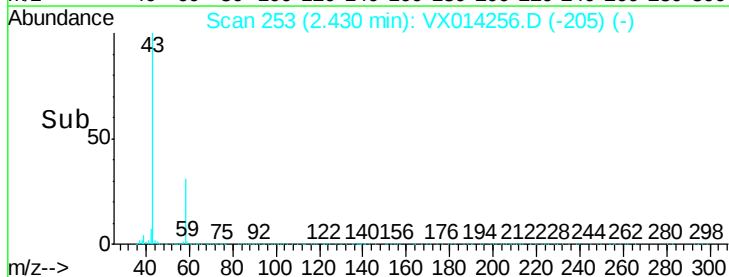
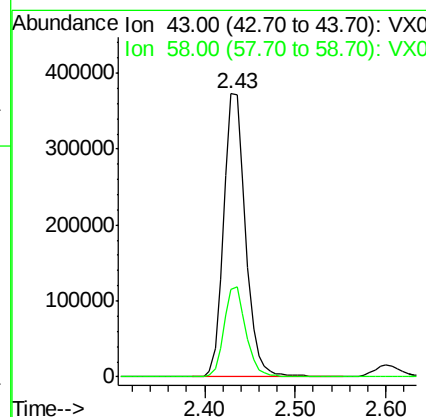
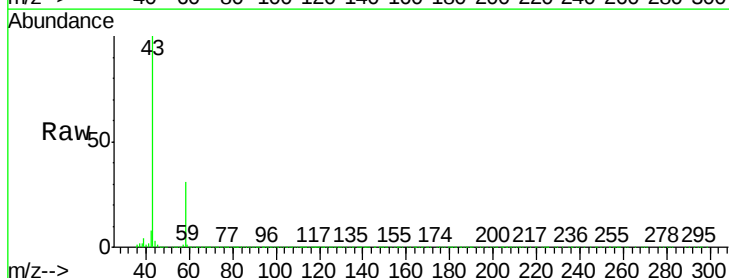
RT: 2.43 min Scan# 253

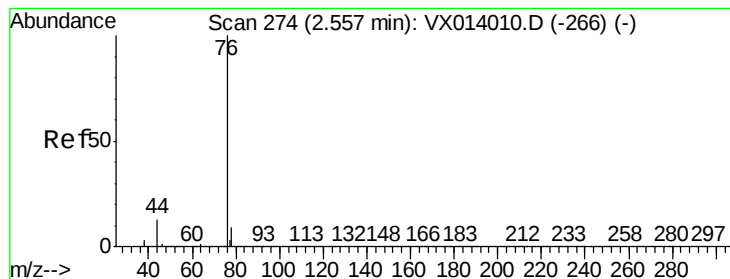
Delta R.T. -0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	43	Resp:	625974
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.9	37.3





#17

Carbon Disulfide

Concen: 45.109 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 76 Resp: 587298

Ion Ratio Lower Upper

76 100

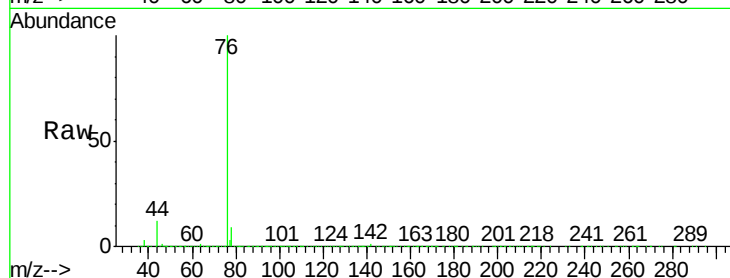
78 9.3 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

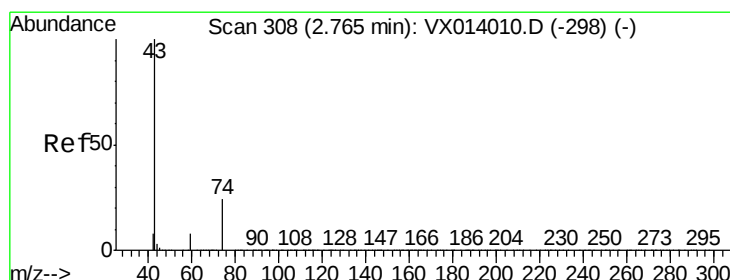
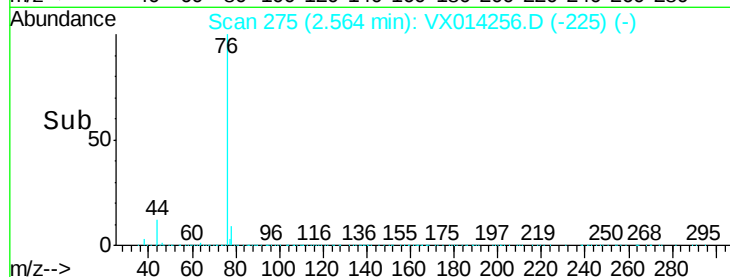
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 49.691 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014256.D

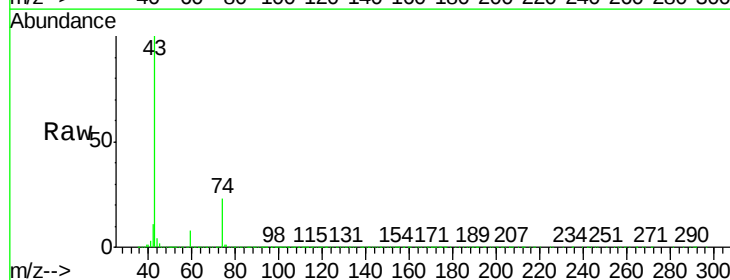
Acq: 24 Dec 2019 19:31

Tgt Ion: 43 Resp: 353803

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

200000

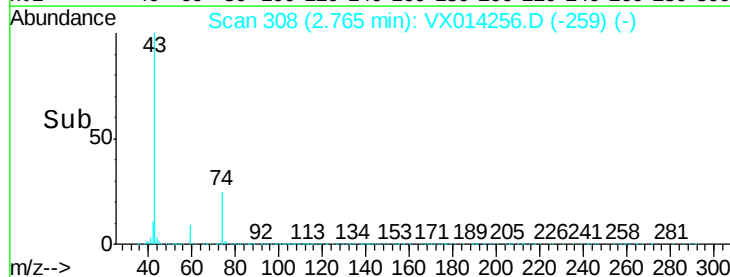
150000

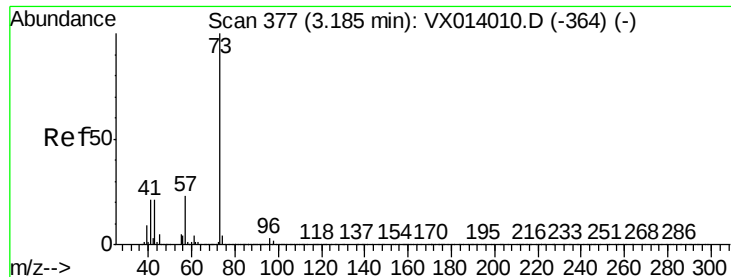
100000

50000

0

Time-->





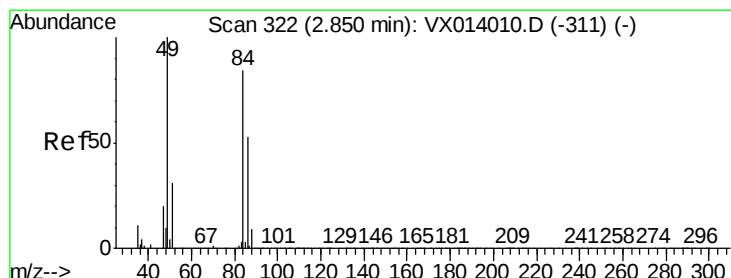
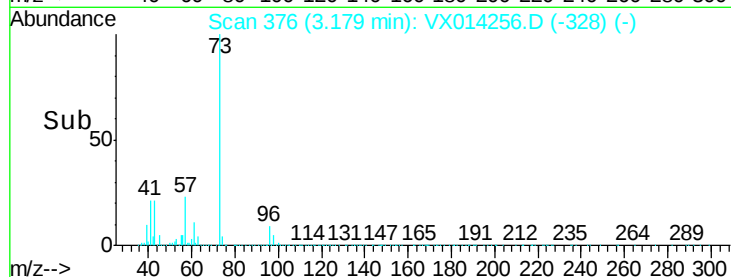
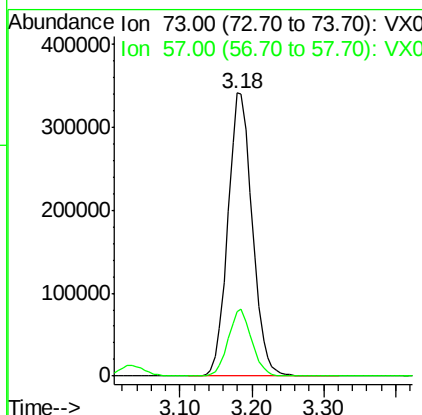
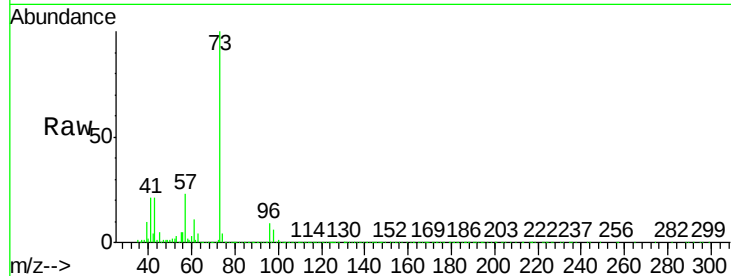
#19
Methyl tert-butyl Ether
Concen: 52.155 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

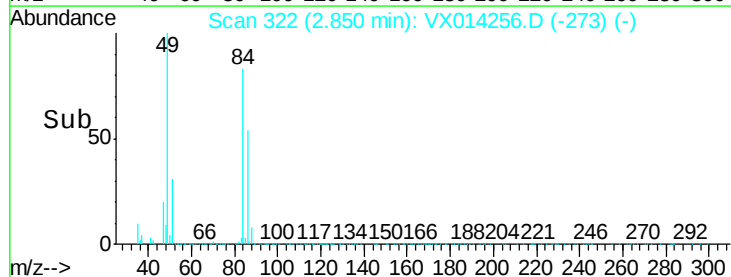
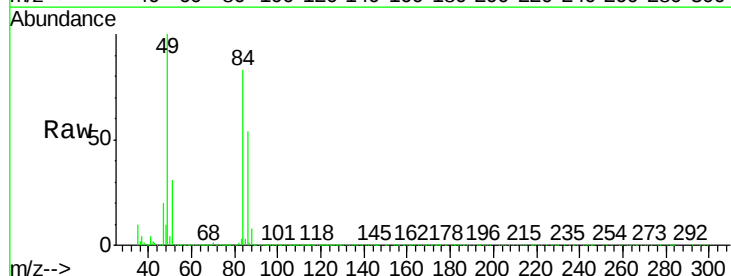
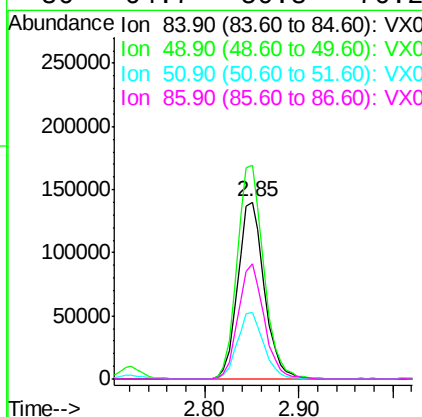
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#20
Methylene Chloride
Concen: 48.387 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	95.8	143.6
51	37.2	29.8	44.8
86	64.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.518 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

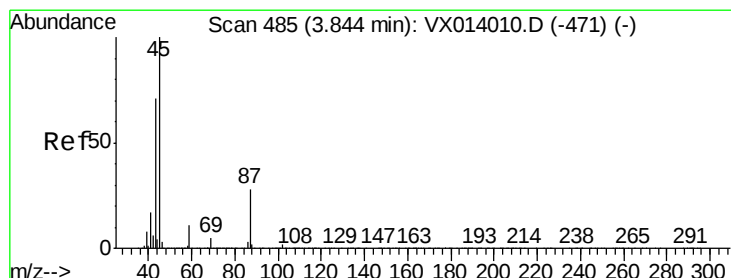
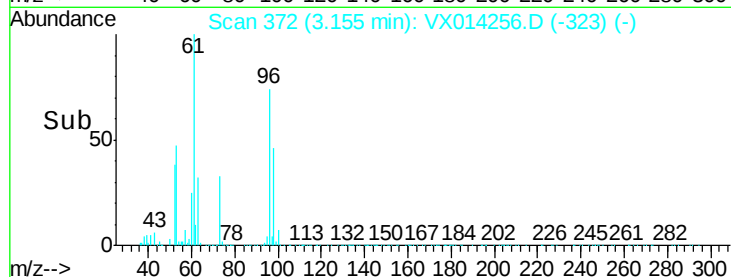
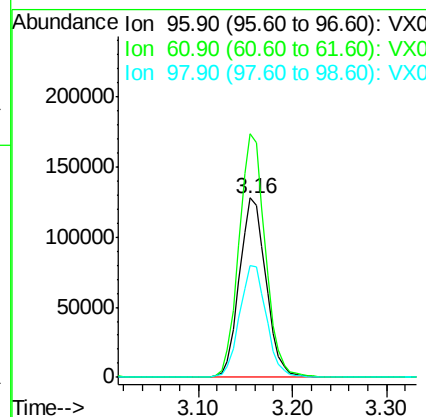
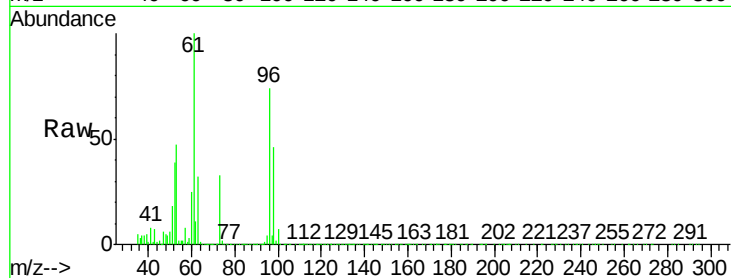
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	96	Resp:	251092
Ion Ratio	Lower	Upper	
96	100		
61	136.0	108.3	162.5
98	62.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 52.627 ug/l

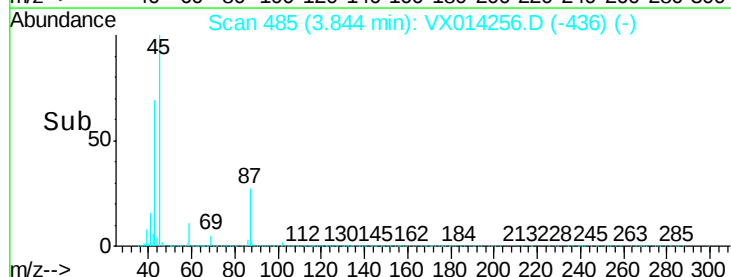
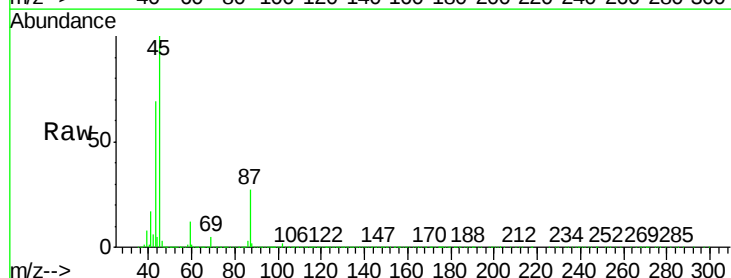
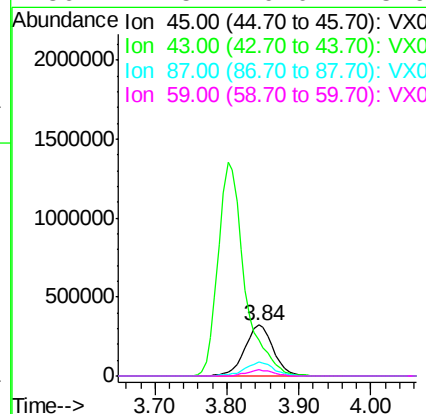
RT: 3.84 min Scan# 485

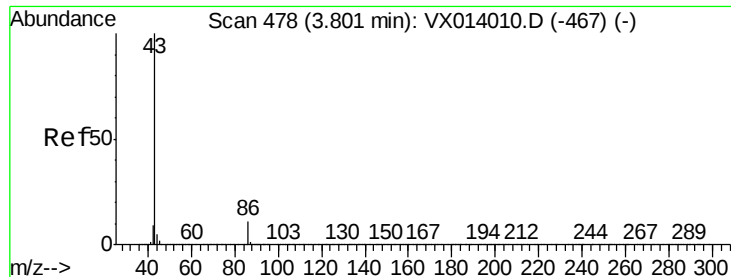
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	45	Resp:	879598
Ion Ratio	Lower	Upper	
45	100		
43	69.1	57.4	86.0
87	27.4	21.9	32.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 253.977 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 43 Resp: 3464115

Ion Ratio Lower Upper

43 100

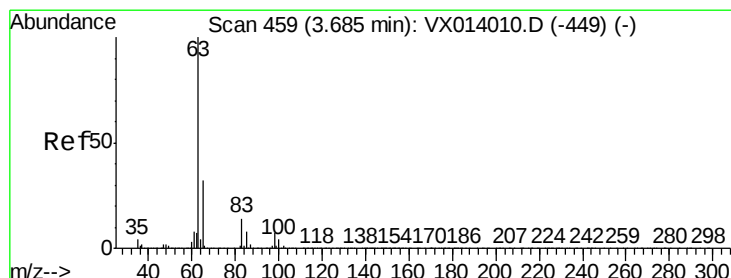
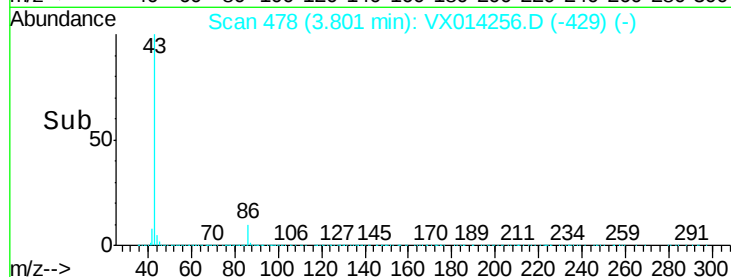
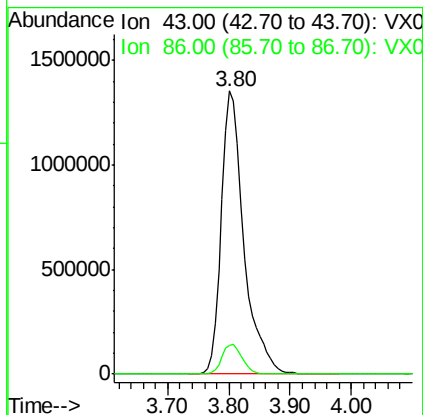
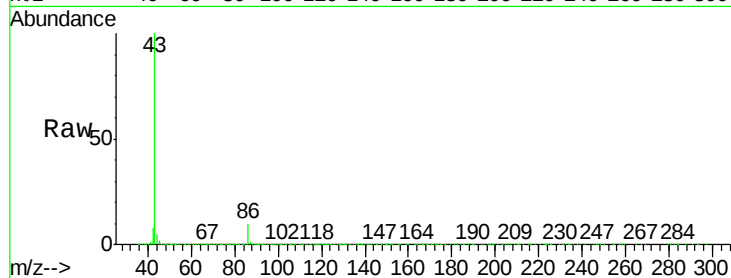
86 10.3 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.428 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

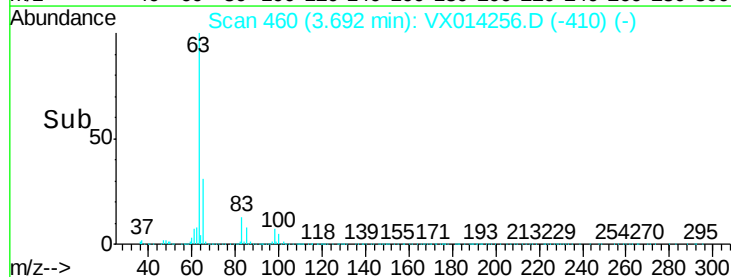
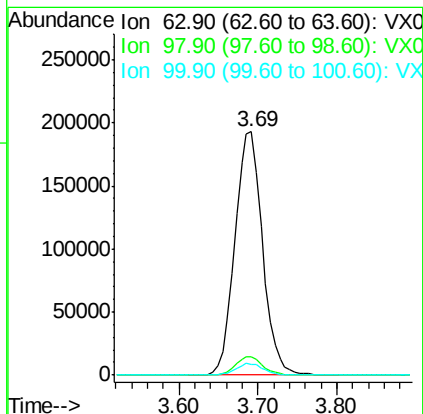
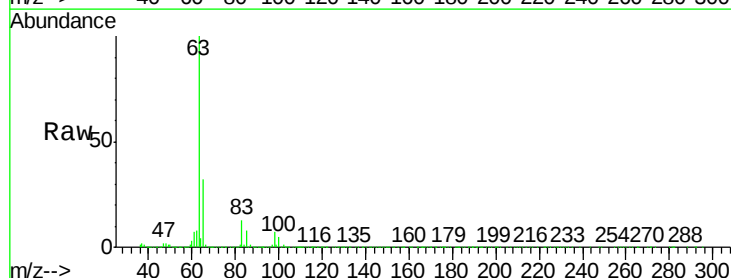
Tgt Ion: 63 Resp: 468929

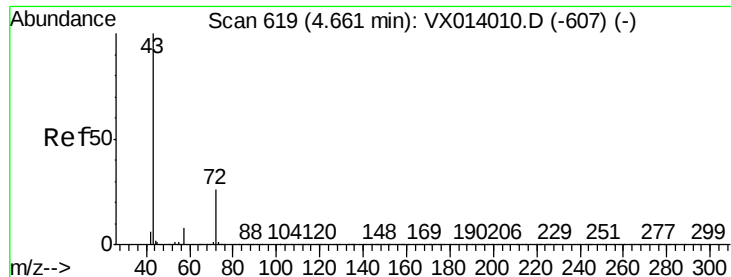
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 235.059 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tot Ion: 43 Resp: 1041312

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

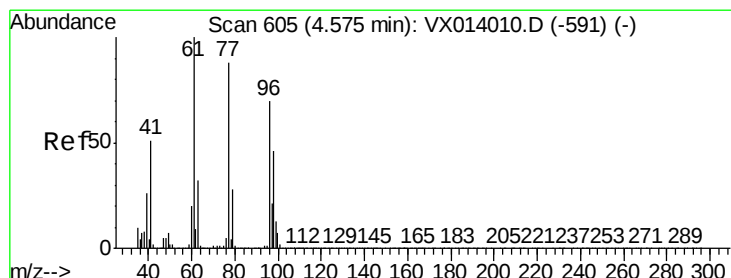
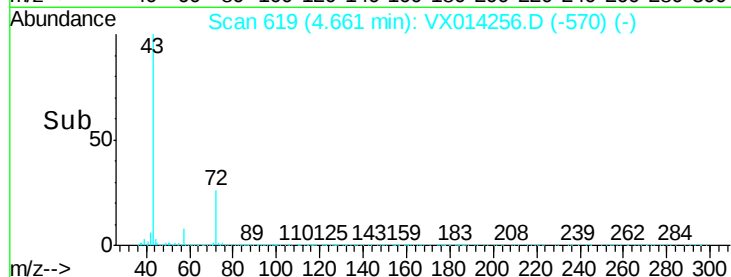
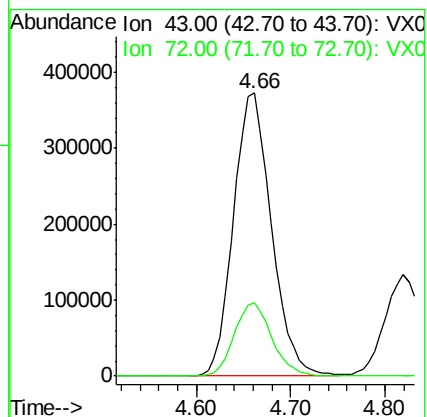
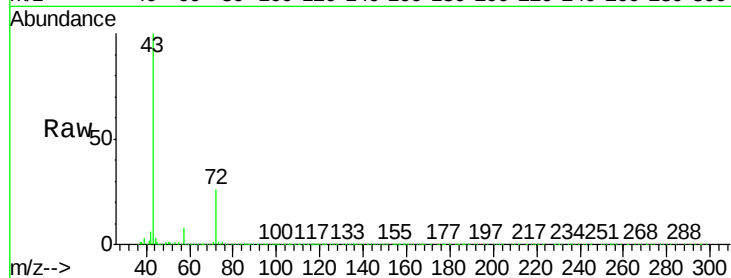
996-MW-15-(17)MSD

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#26

2,2-Dichloropropane

Concen: 44.012 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014256.D

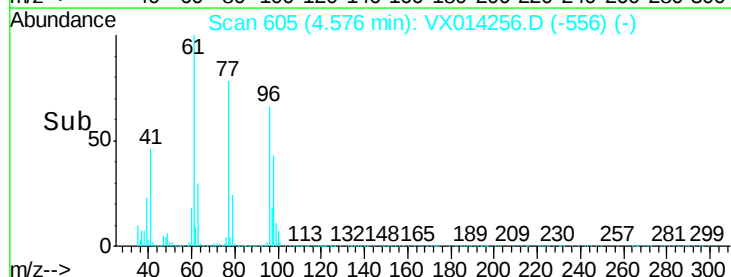
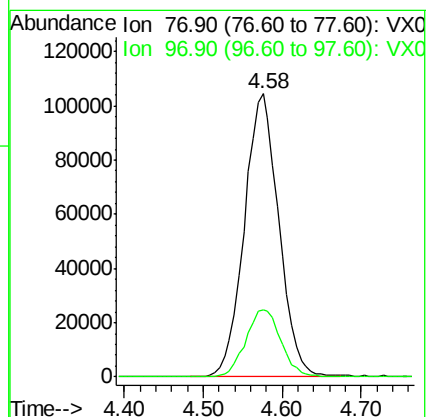
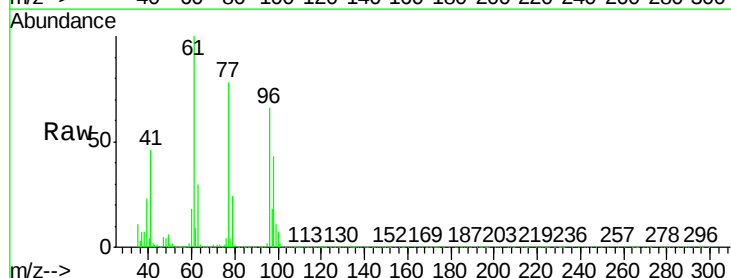
Acq: 24 Dec 2019 19:31

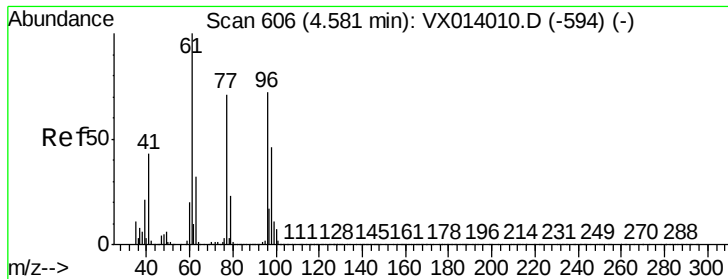
Tgt Ion: 77 Resp: 317761

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

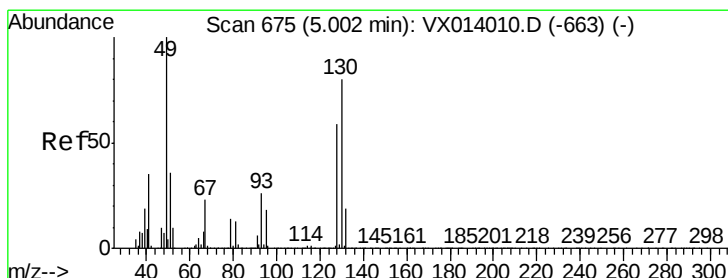
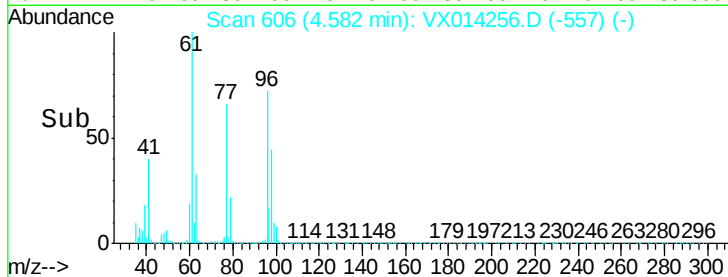
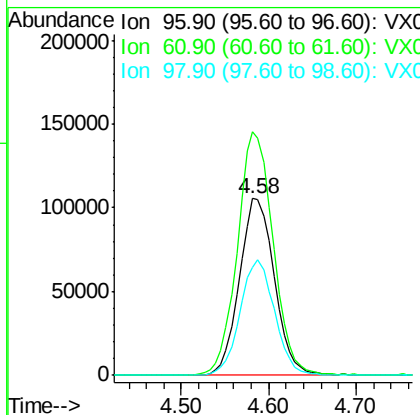
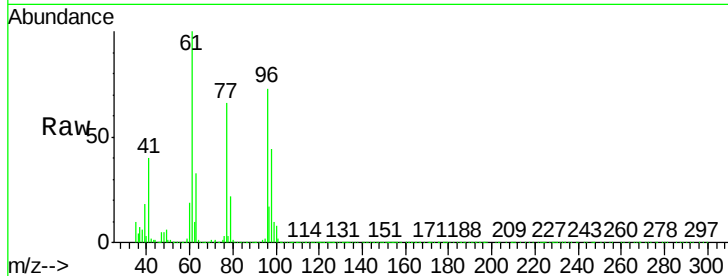
cis-1,2-Dichloroethene
Concen: 50.392 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	294943		
61	140.5	0.0	288.4	
98	63.8	0.0	129.6	

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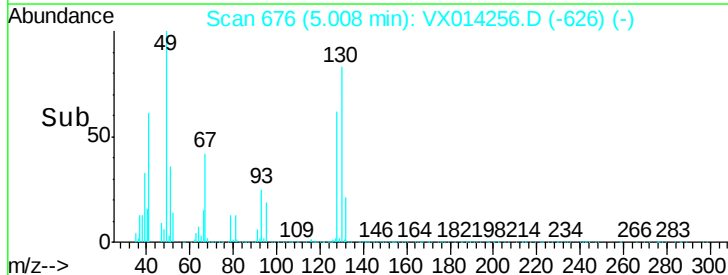
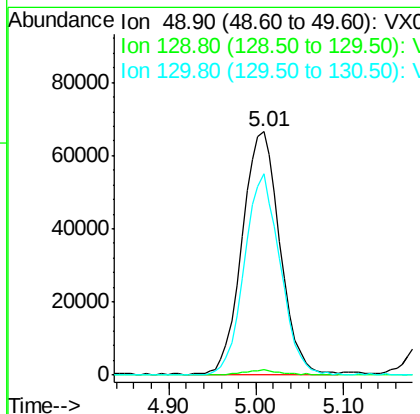
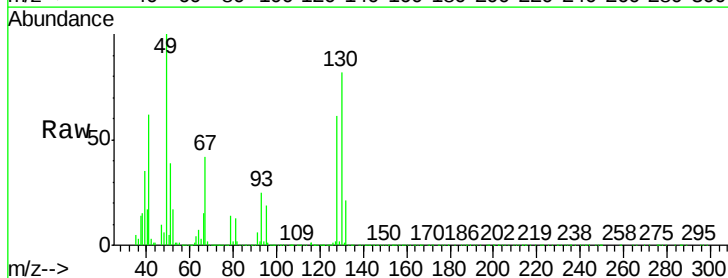
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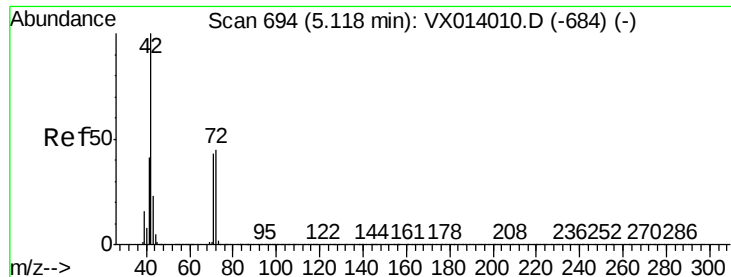


#28

Bromochloromethane
Concen: 55.572 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	198920		
129	2.2	0.0	5.0	
130	78.6	64.6	97.0	





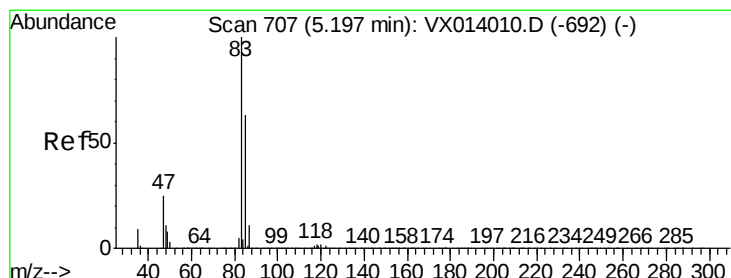
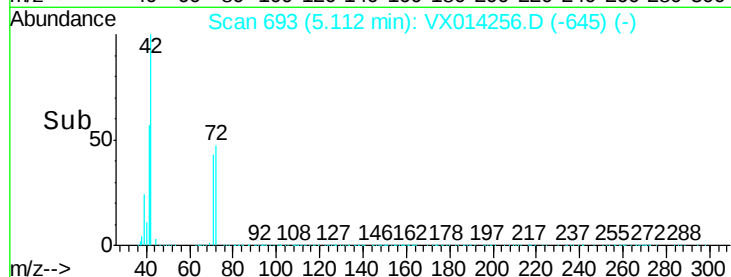
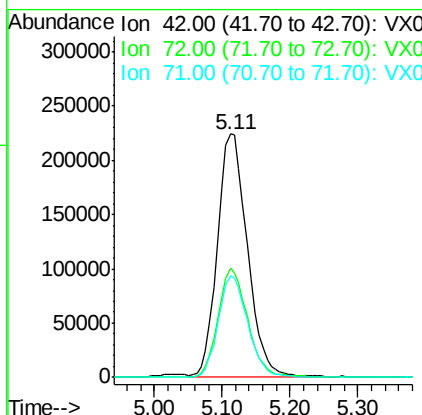
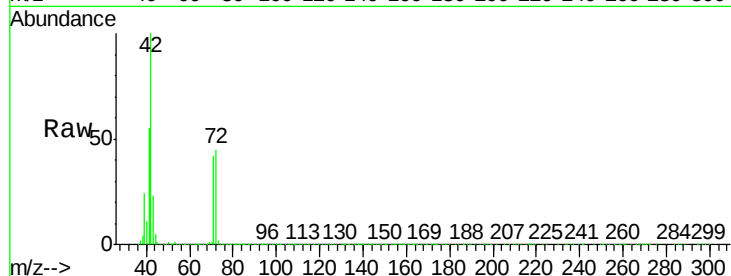
#29
Tetrahydrofuran
Concen: 275.249 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.8	53.8
71	41.4	33.6	50.4

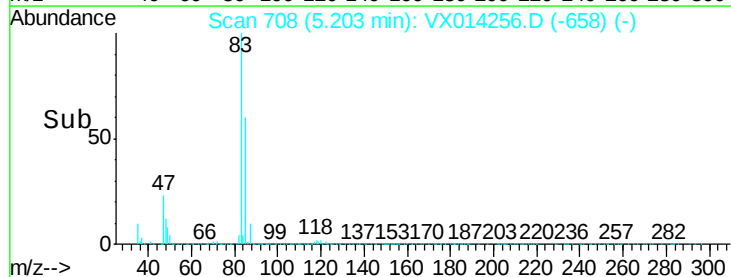
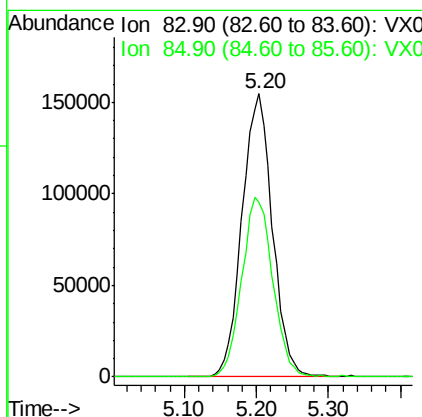
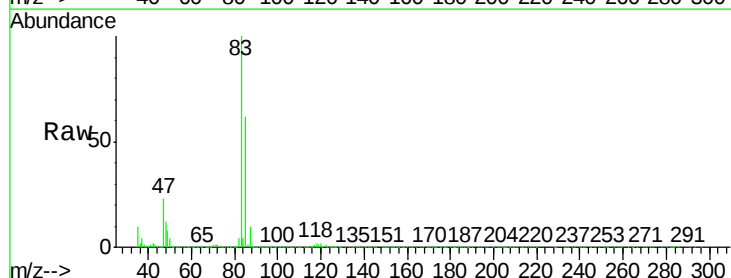
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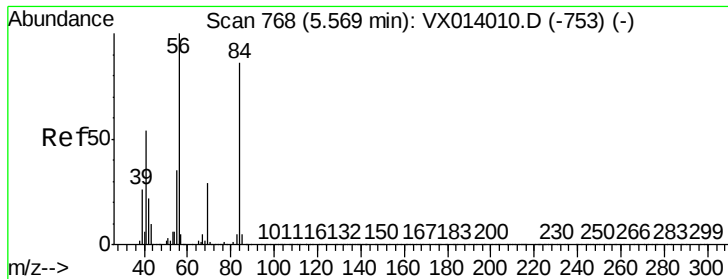
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#30
Chloroform
Concen: 51.287 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.8	76.2





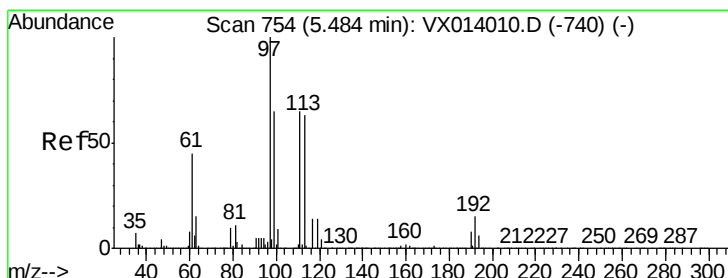
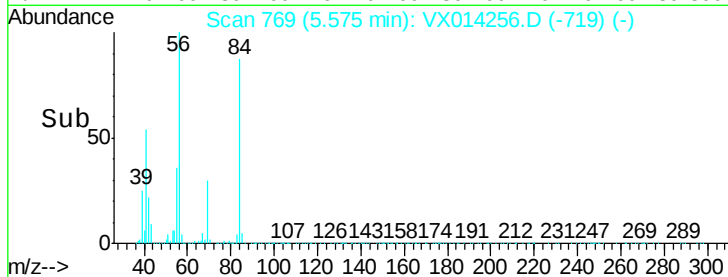
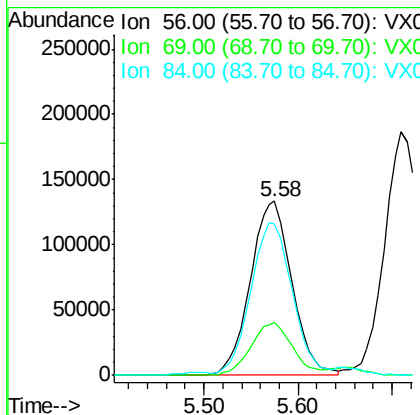
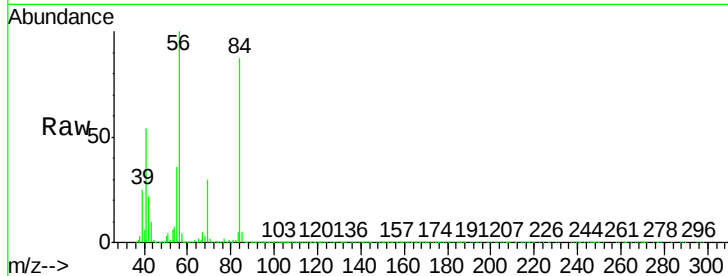
#31
Cyclohexane
Concen: 49.703 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.2	34.8
84	85.2	69.2	103.8

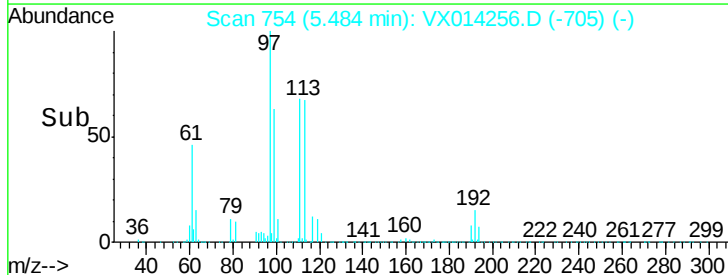
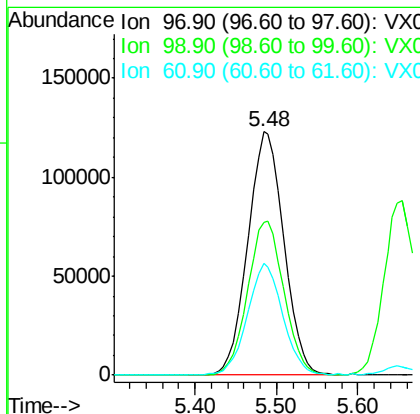
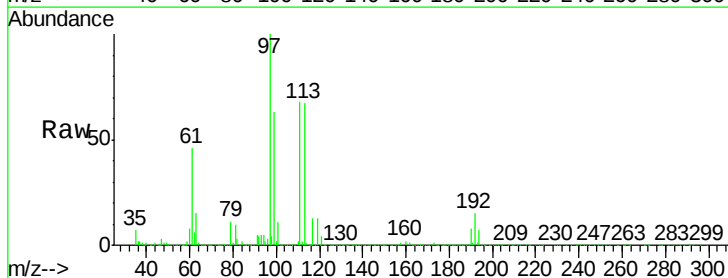
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#32
1,1,1-Trichloroethane
Concen: 50.325 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.0	78.0
61	44.9	36.7	55.1





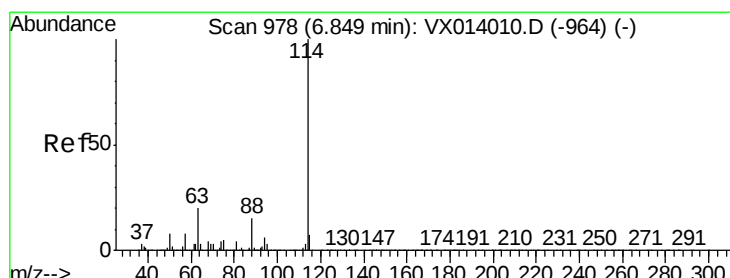
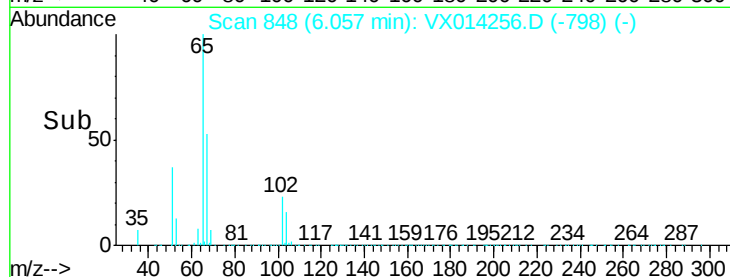
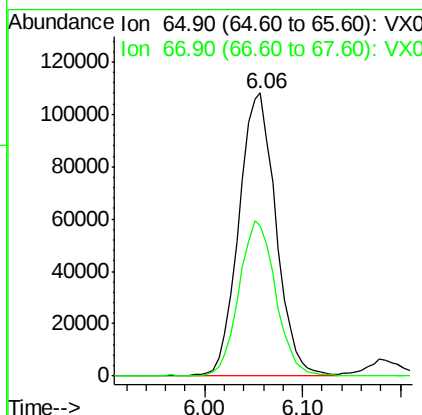
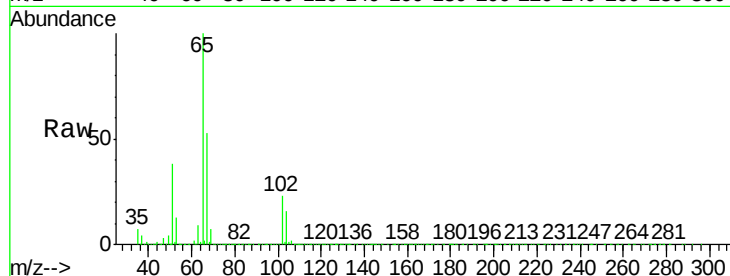
#33
 1,2-Dichloroethane-d4
 Concen: 51.124 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	282953		
67	54.5	0.0	106.4	

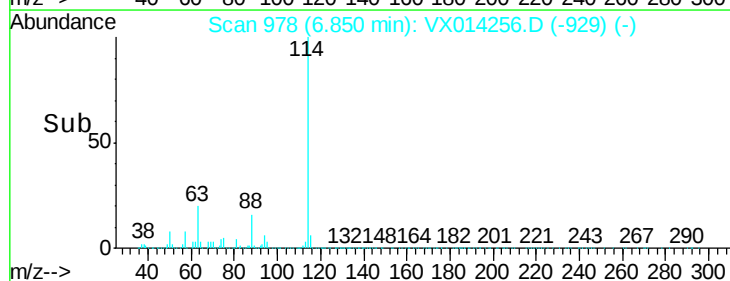
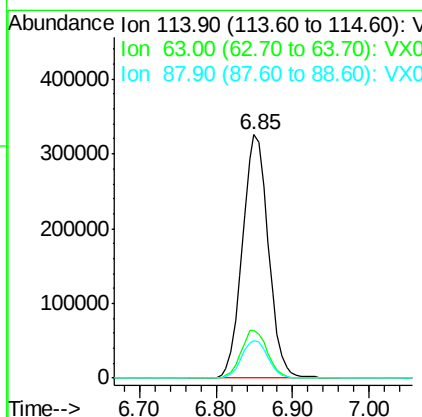
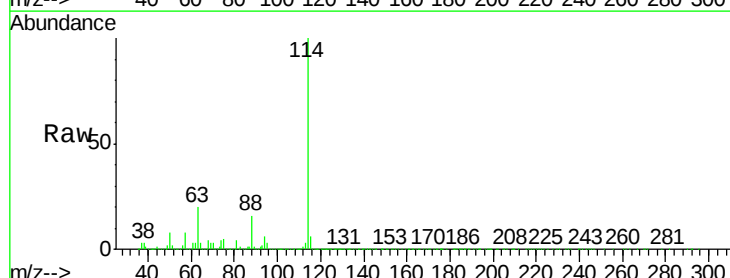
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	767359		
63	19.7	0.0	40.8	
88	15.5	0.0	30.4	





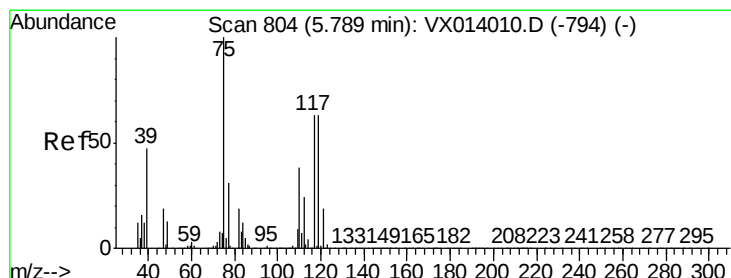
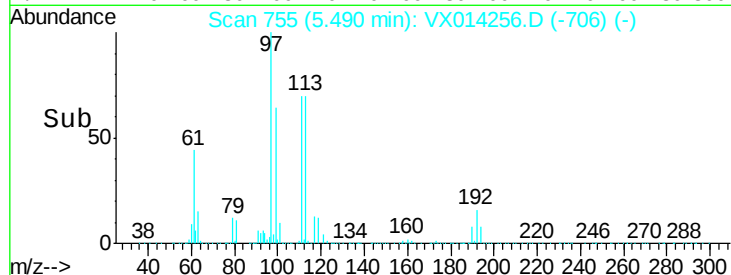
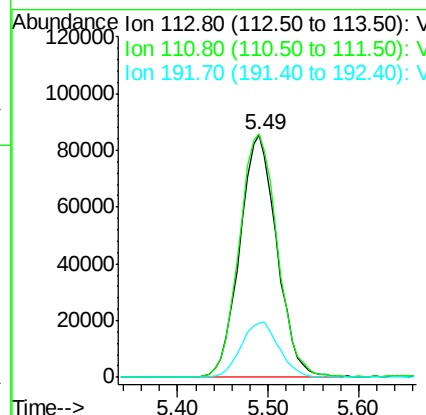
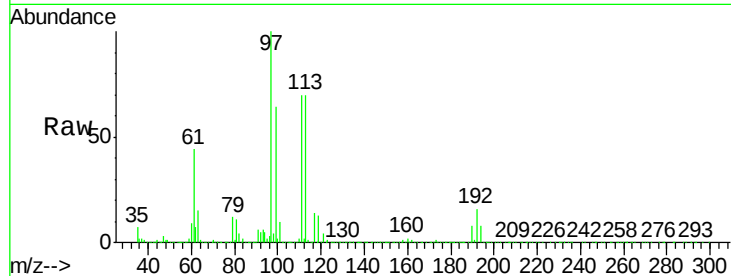
#35
 Dibromofluoromethane
 Concen: 51.683 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	241087		
111	103.6	82.0	123.0	
192	23.5	19.3	28.9	

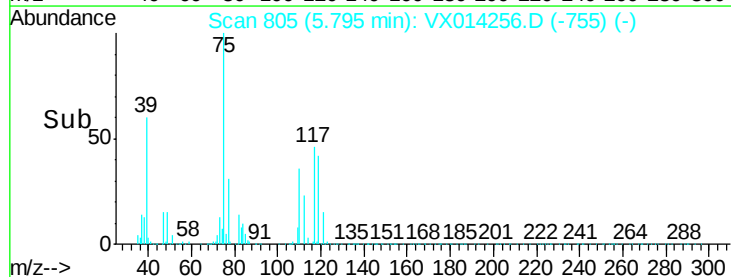
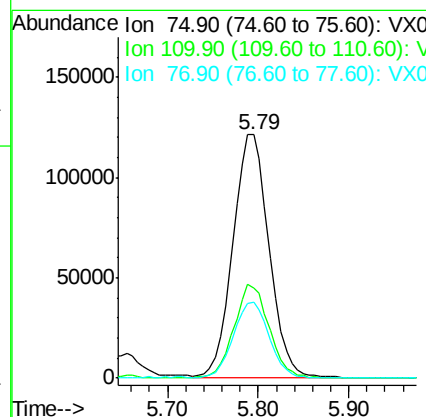
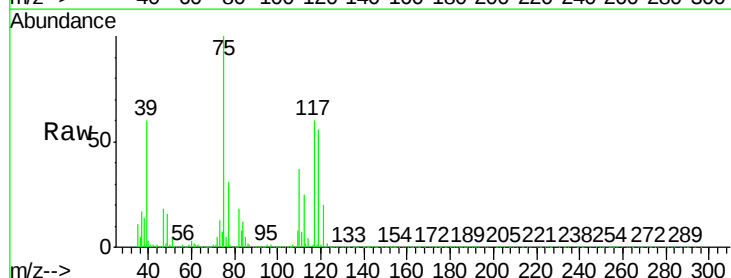
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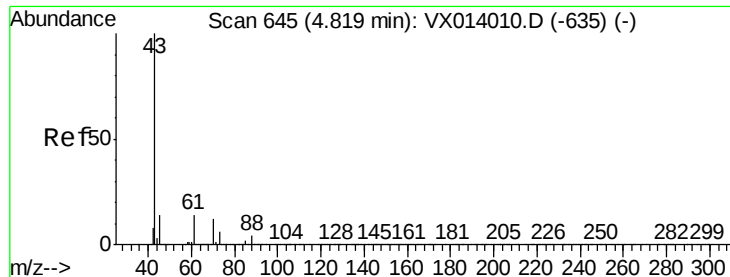
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#36
 1,1-Dichloropropene
 Concen: 47.238 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	332600		
110	37.4	18.3	54.9	
77	30.7	24.8	37.2	





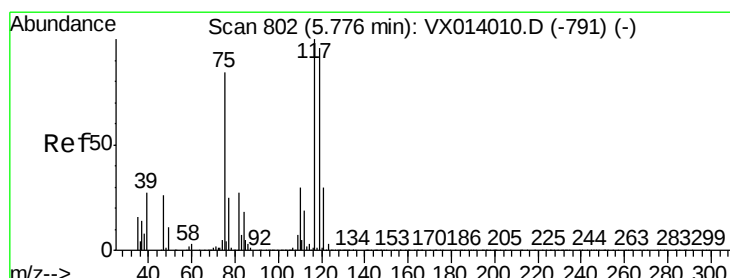
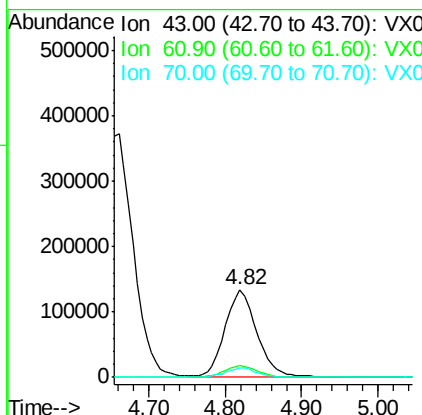
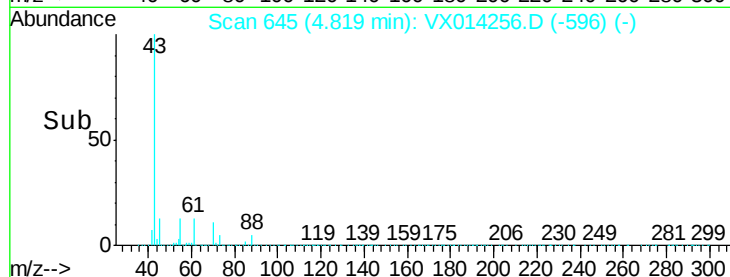
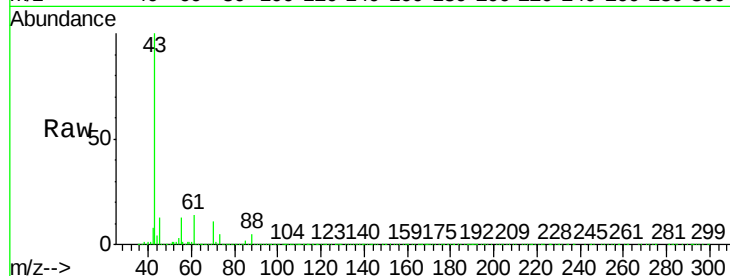
#37
Ethyl Acetate
Concen: 48.994 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	10.5	8.6	12.8

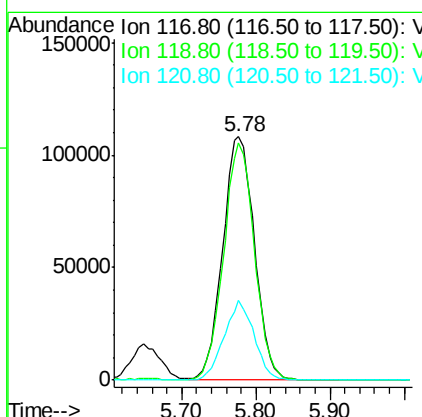
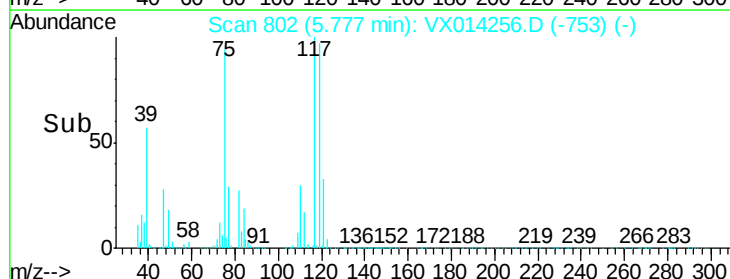
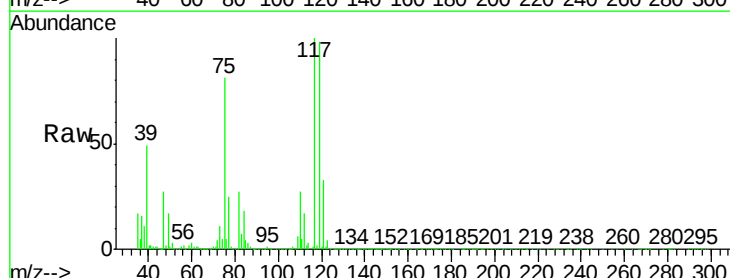
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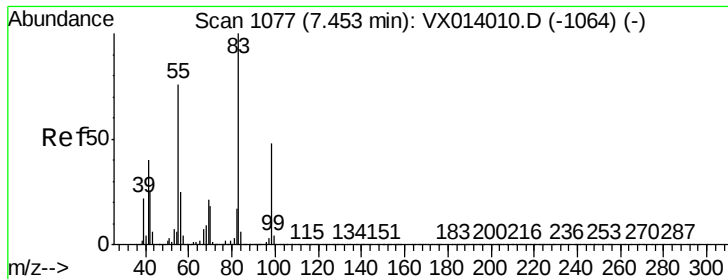
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#38
Carbon Tetrachloride
Concen: 49.855 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.2	114.4
121	32.6	23.6	35.4





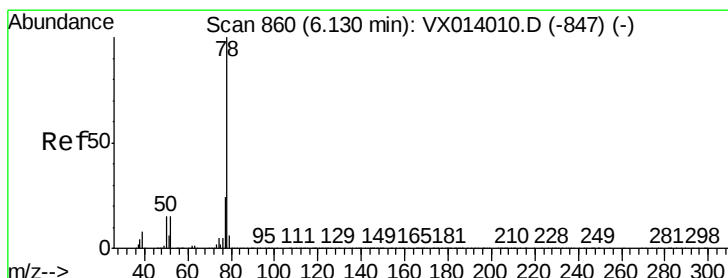
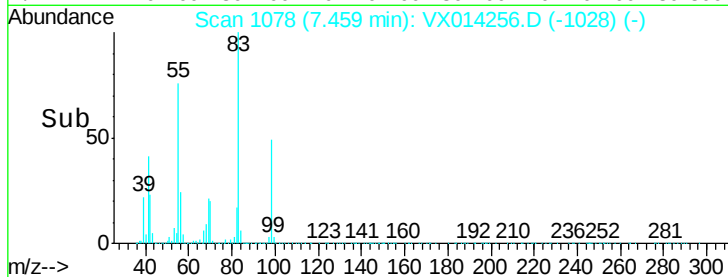
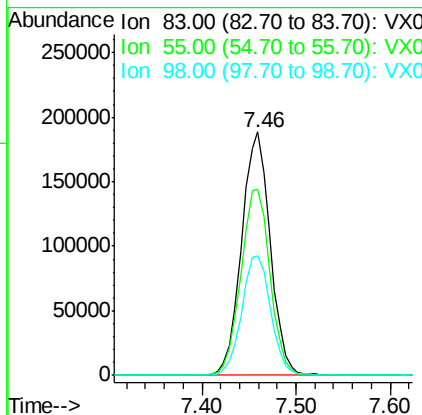
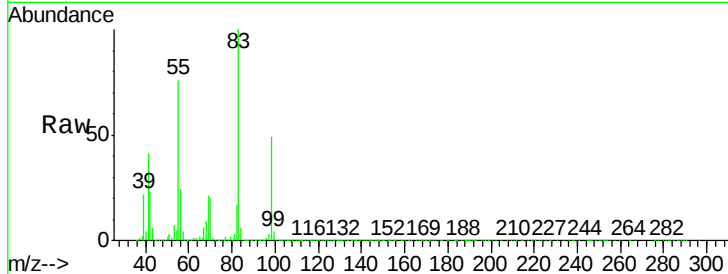
#39
Methvlcvclohexane
Concen: 46.051 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.0	91.6
98	48.8	38.6	57.8

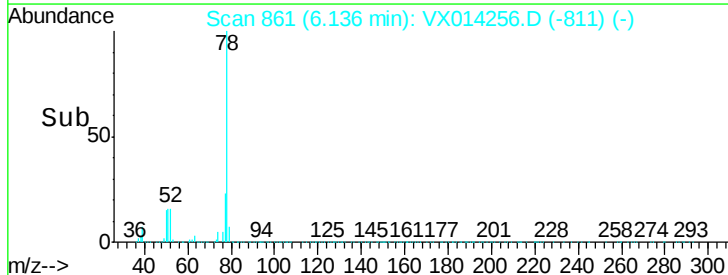
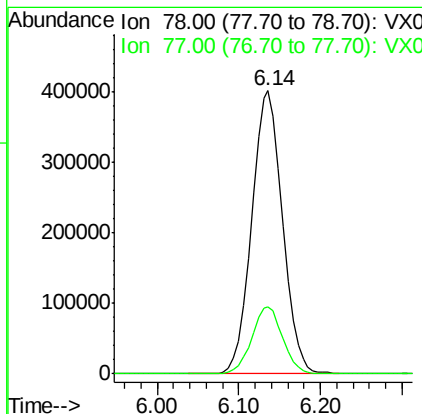
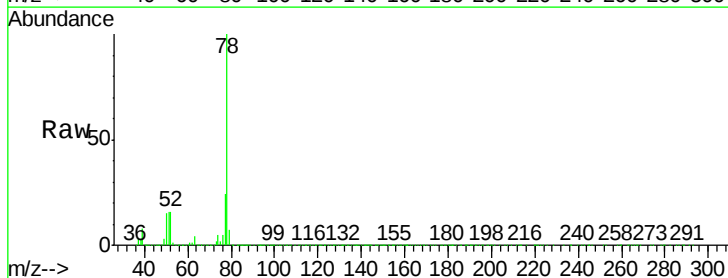
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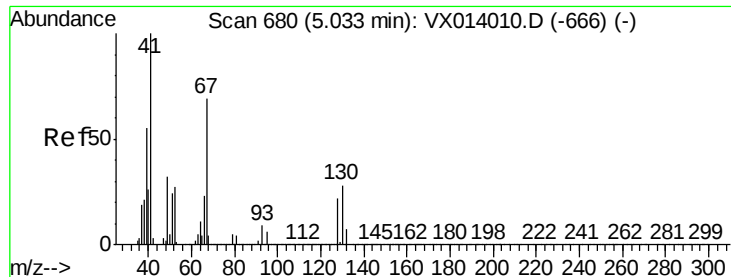
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#40
Benzene
Concen: 48.723 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





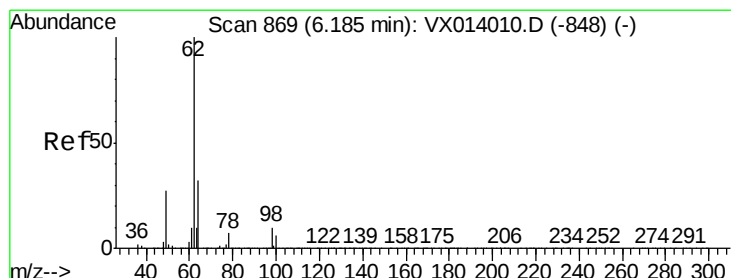
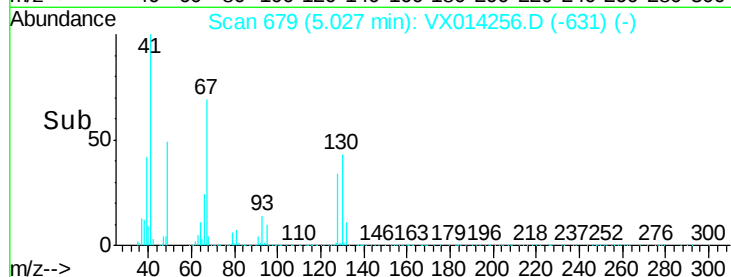
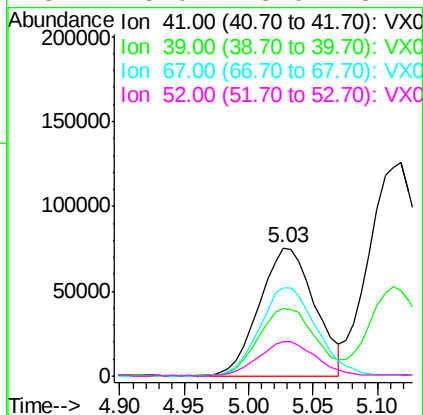
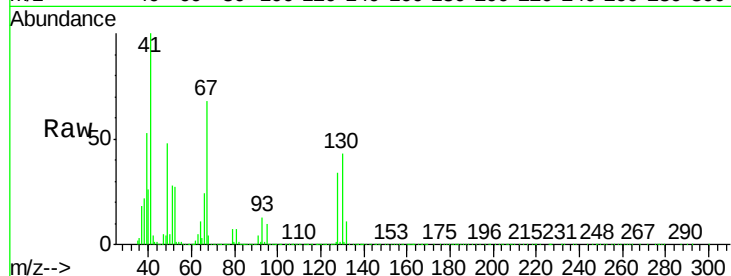
#41
Methacrylonitrile
Concen: 52.074 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		224651		
39	55.8	44.5	66.7		
67	71.0	57.4	86.0		
52	28.0	23.0	34.4		

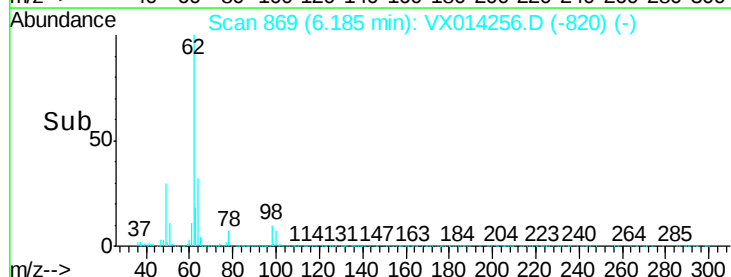
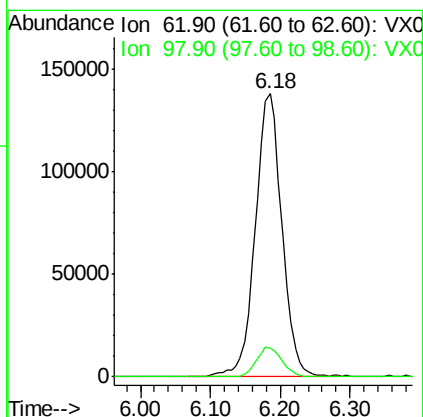
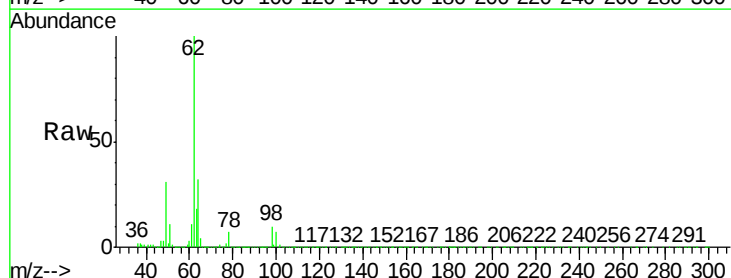
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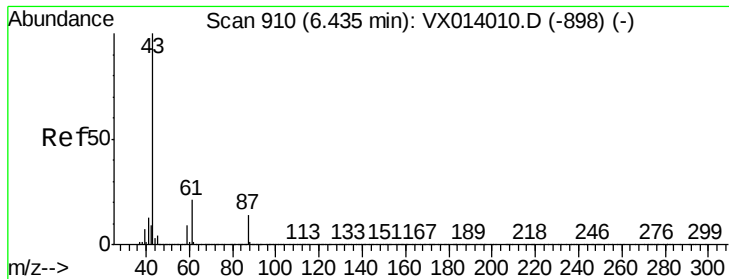
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#42
1,2-Dichloroethane
Concen: 49.285 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		361931		
98	10.1	0.0	21.0		





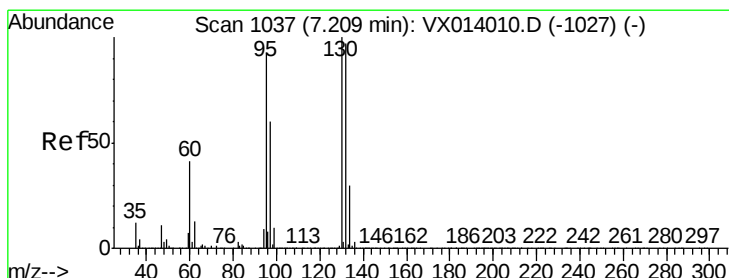
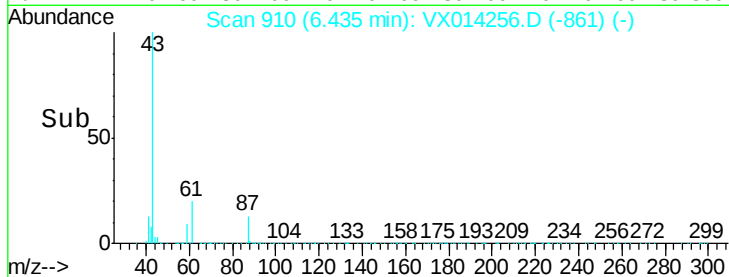
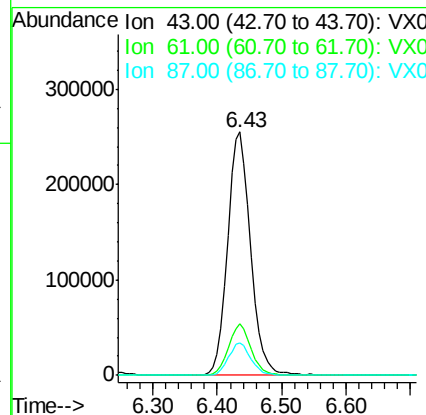
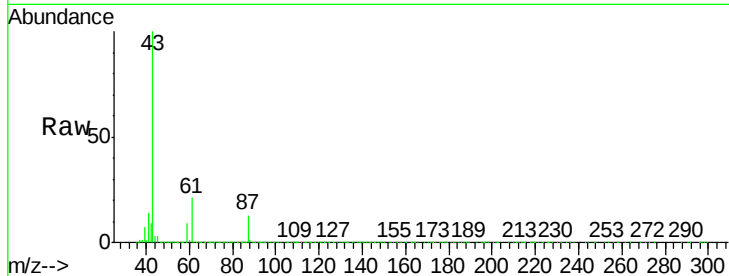
#43
Isopropyl Acetate
Concen: 49.643 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.4	24.6
87	13.0	10.7	16.1

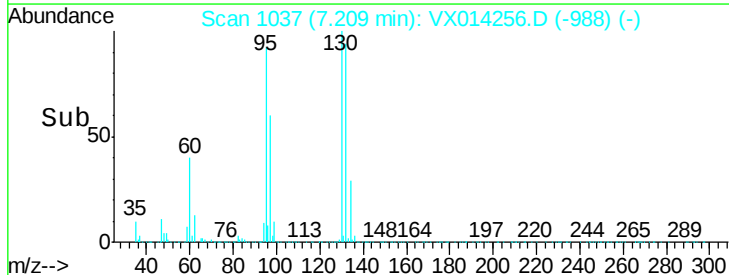
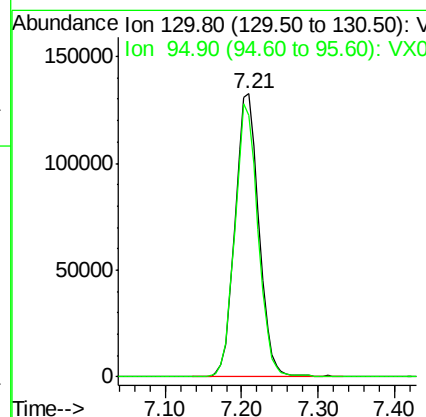
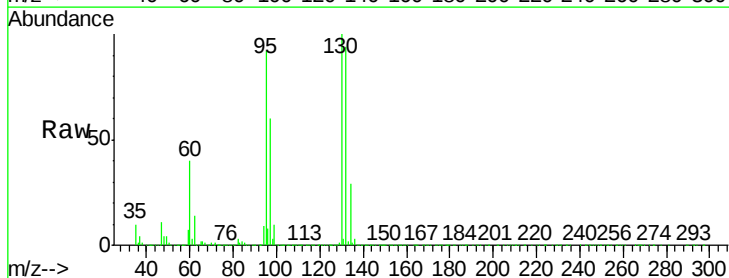
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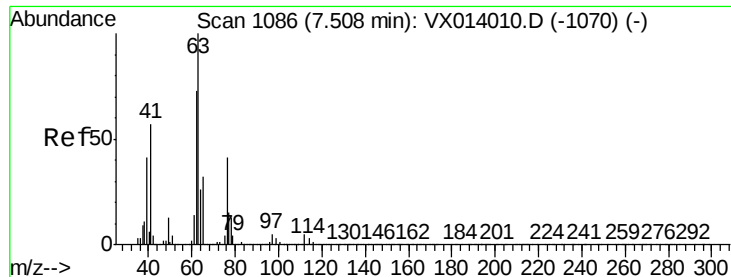
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#44
Trichloroethene
Concen: 47.749 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.6





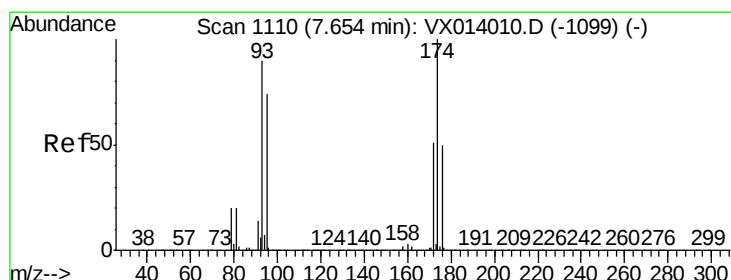
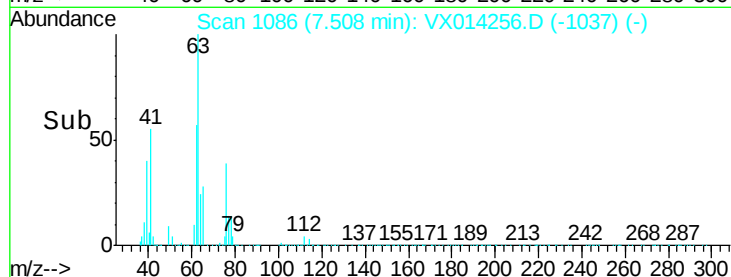
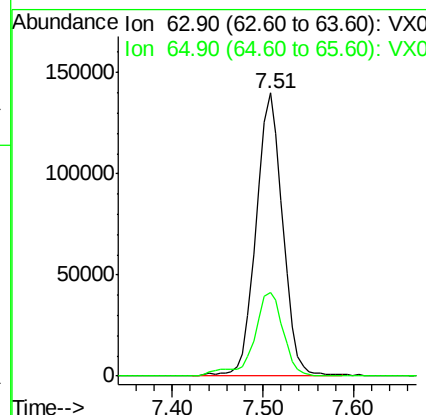
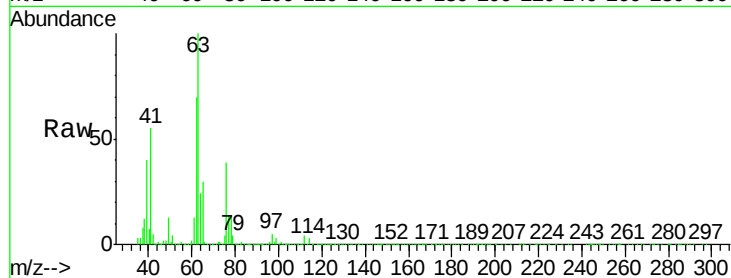
#45
 1,2-Dichloropropane
 Concen: 50.966 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	25.8	38.8

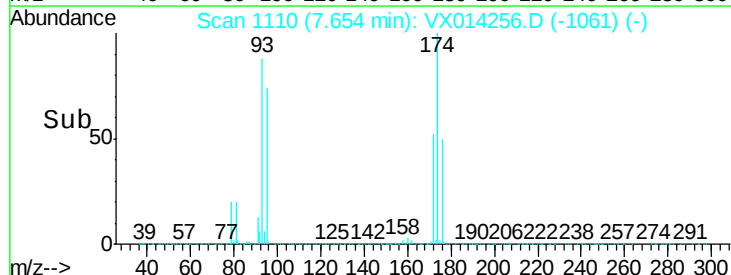
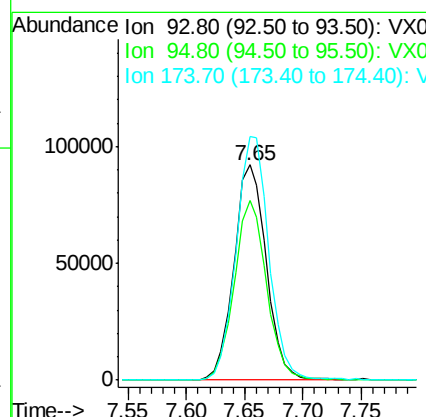
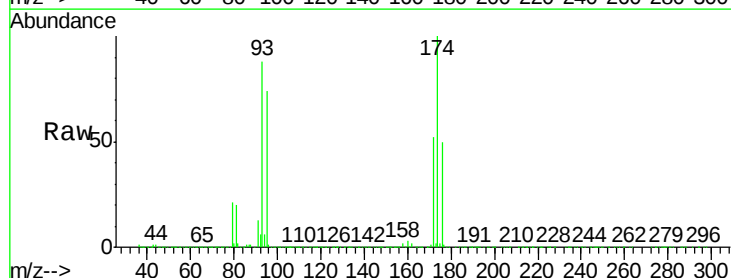
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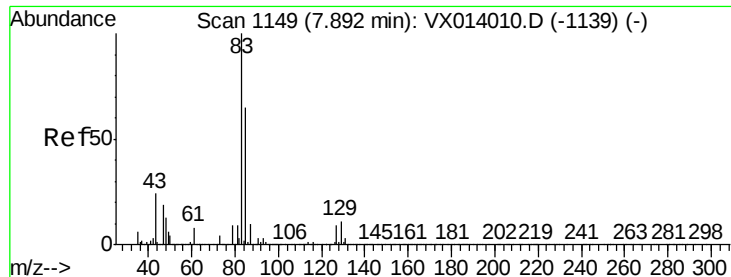
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#46
 Dibromomethane
 Concen: 48.363 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.3	100.9
174	115.3	91.6	137.4





#47

Bromodichloromethane

Concen: 50.911 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

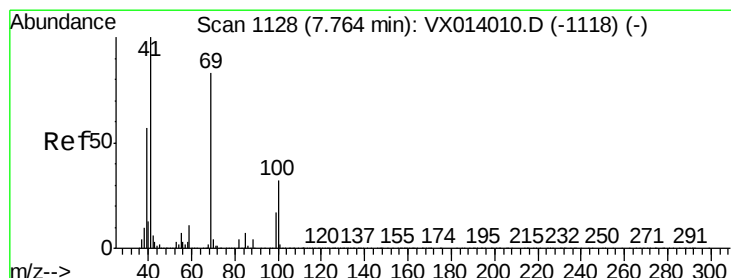
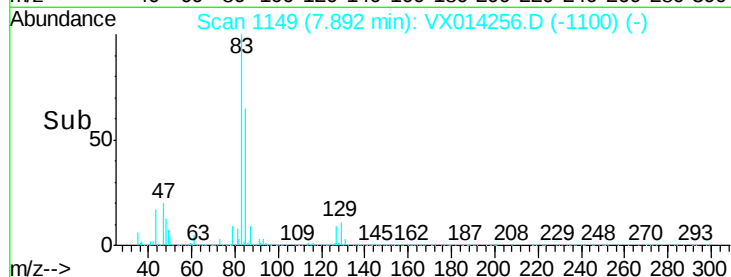
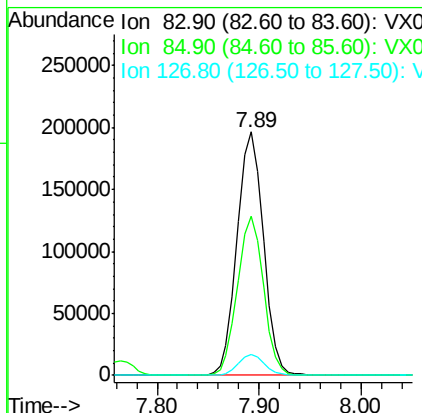
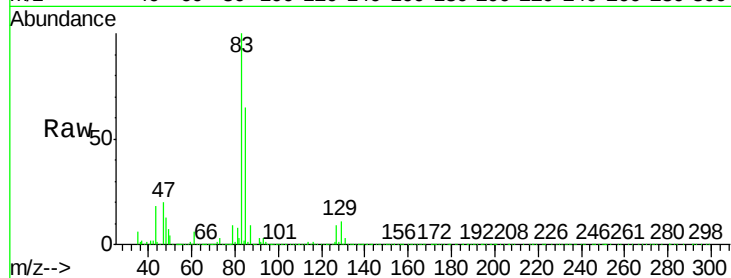
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	83	Resp:	352008
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.8	77.8
127	8.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.870 ug/l

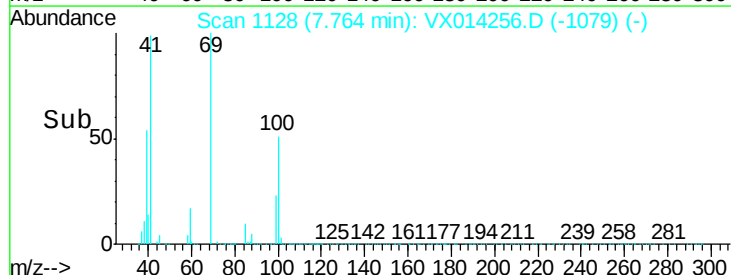
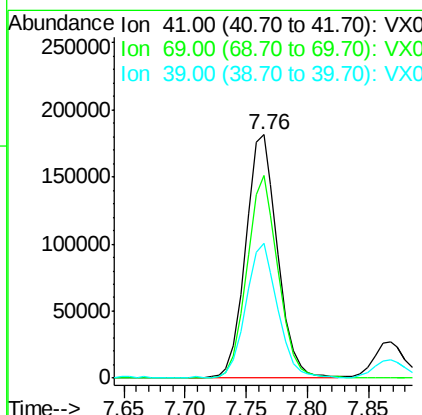
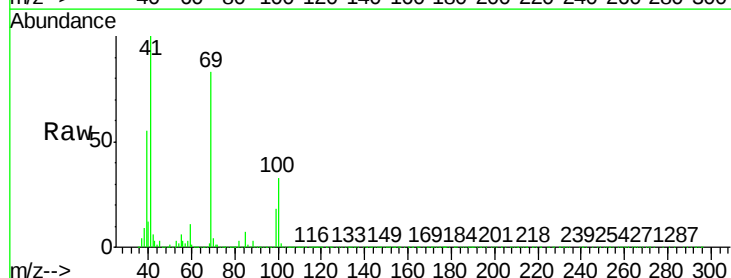
RT: 7.76 min Scan# 1128

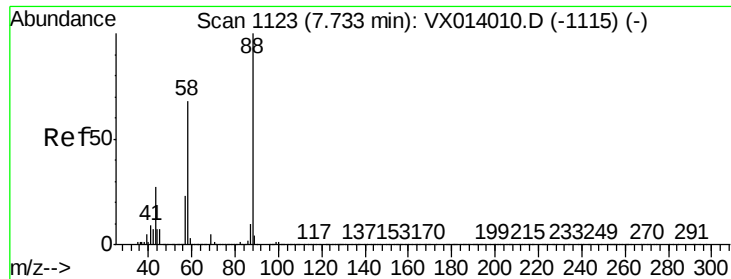
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	41	Resp:	326825
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.8	98.6
39	54.4	44.6	67.0





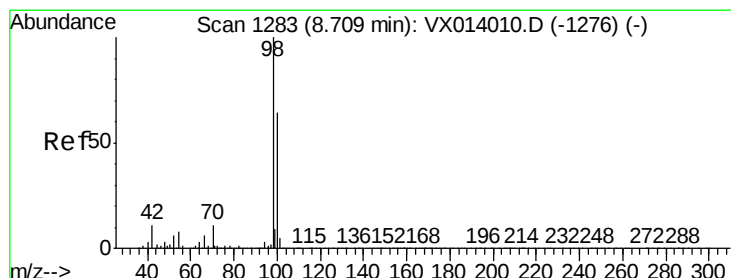
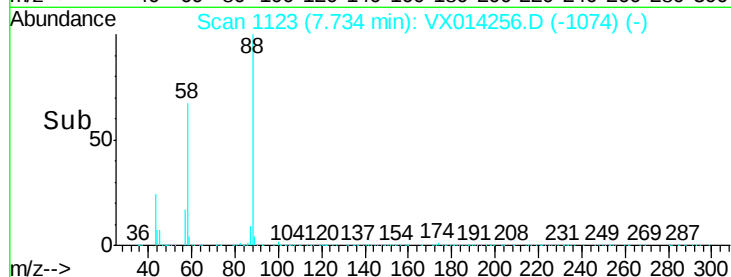
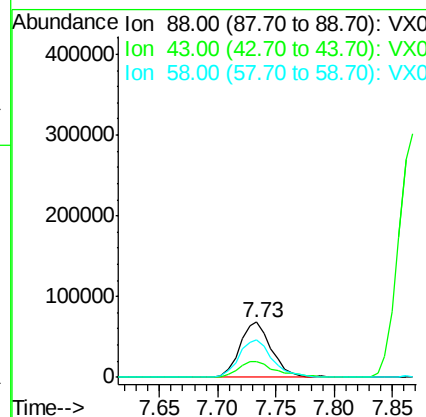
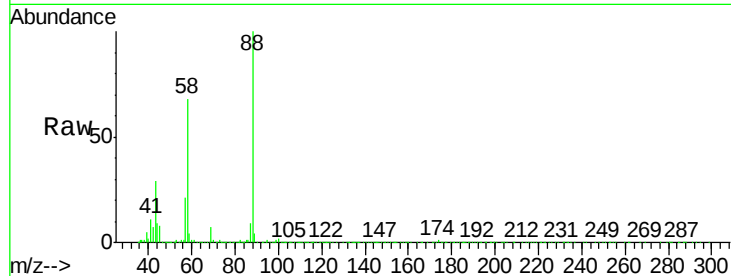
#49
1,4-Dioxane
Concen: 994.815 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.5	39.7
58	71.2	56.8	85.2

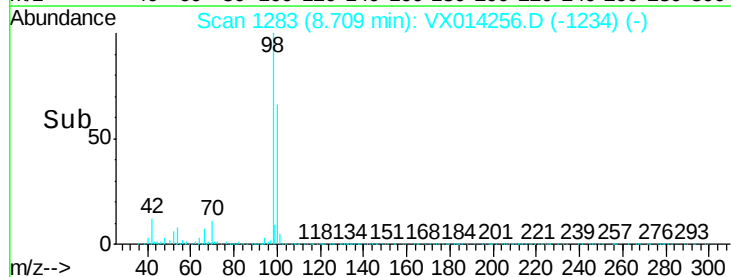
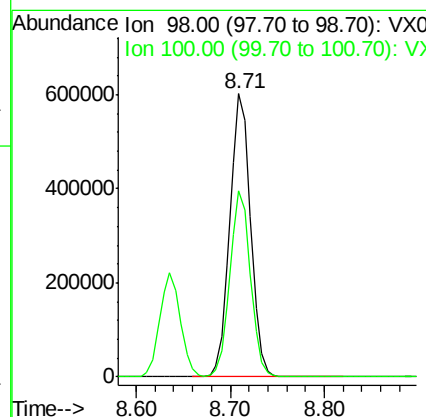
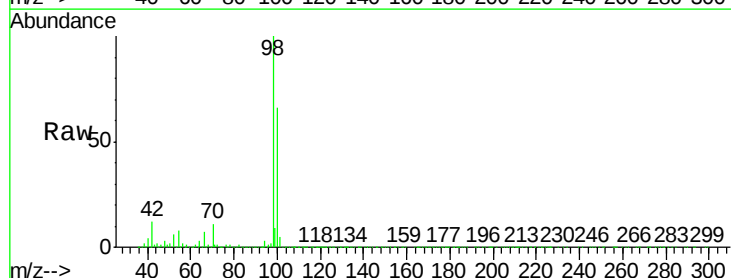
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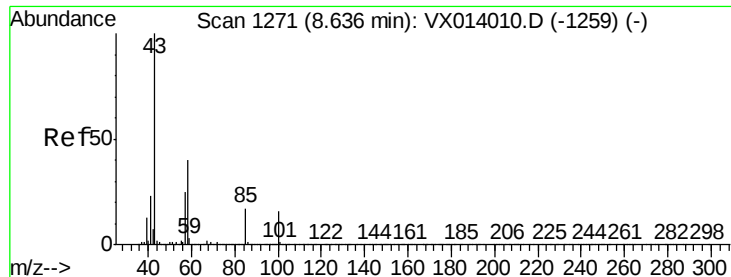
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#50
Toluene-d8
Concen: 50.573 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 259.776 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 43 Resp: 2099265

Ion Ratio Lower Upper

43 100

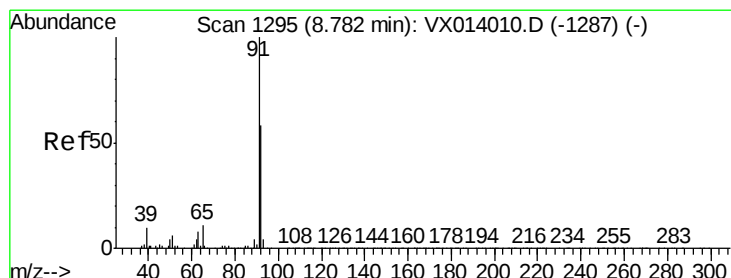
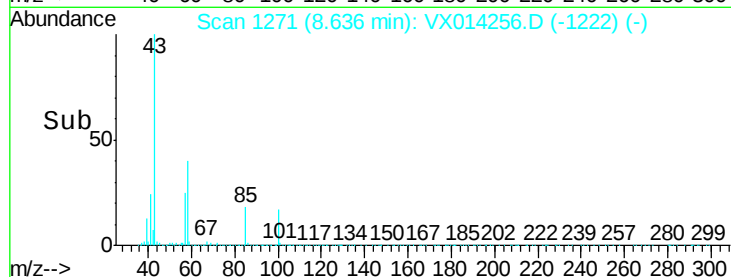
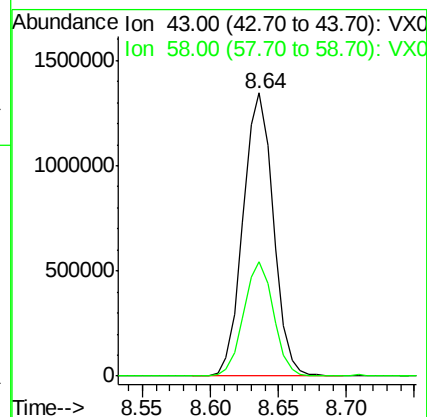
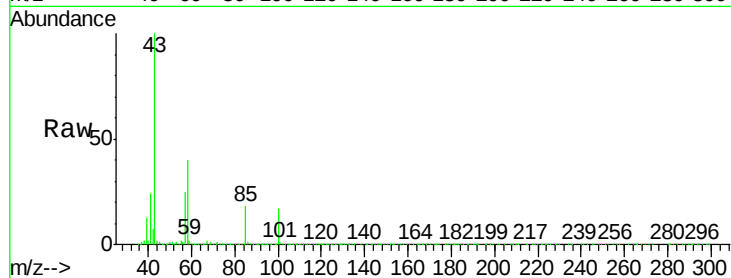
58 39.8 32.2 48.2

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#52

Toluene

Concen: 48.118 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014256.D

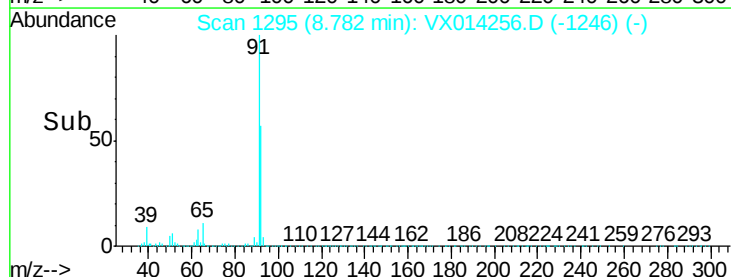
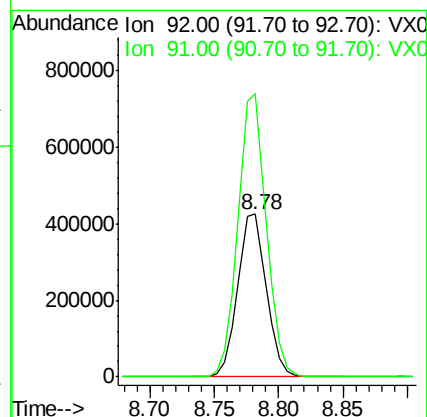
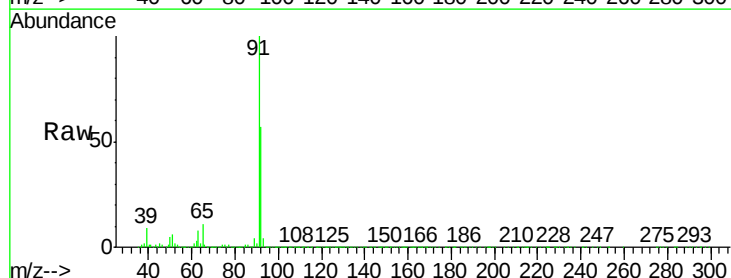
Acq: 24 Dec 2019 19:31

Tgt Ion: 92 Resp: 658898

Ion Ratio Lower Upper

92 100

91 172.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 50.659 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 75 Resp: 384066

Ion Ratio Lower Upper

75 100

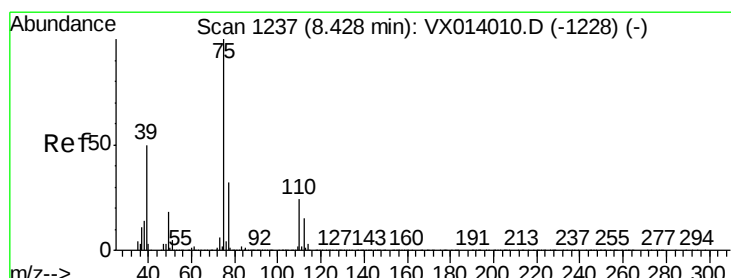
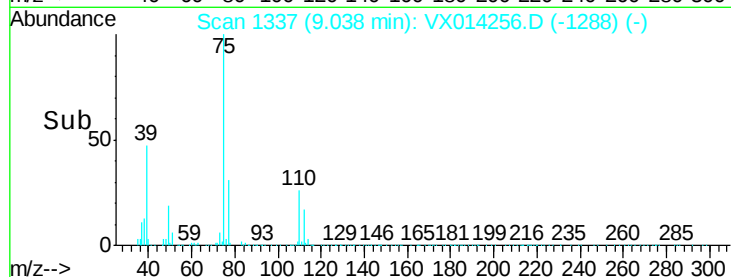
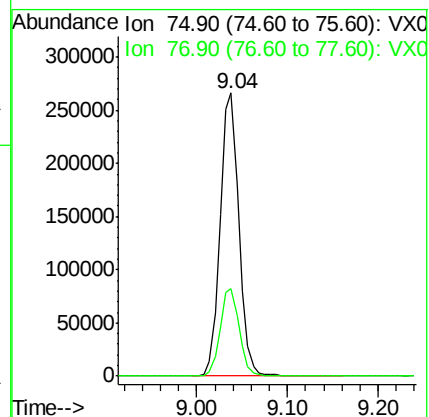
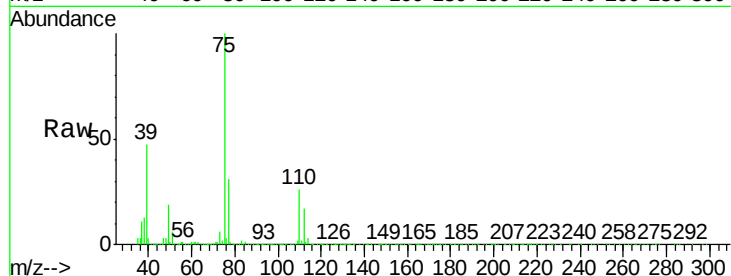
77 31.0 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 50.814 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

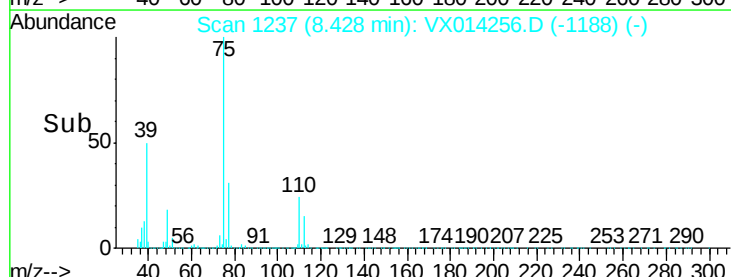
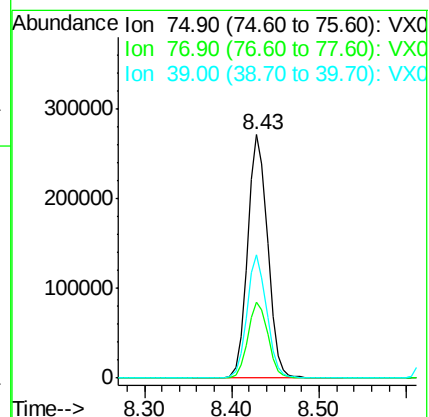
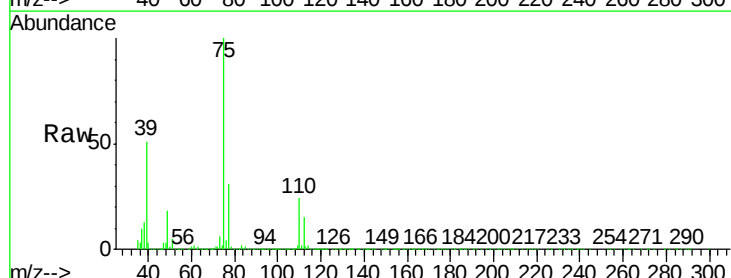
Tgt Ion: 75 Resp: 429180

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 50.4 39.9 59.9





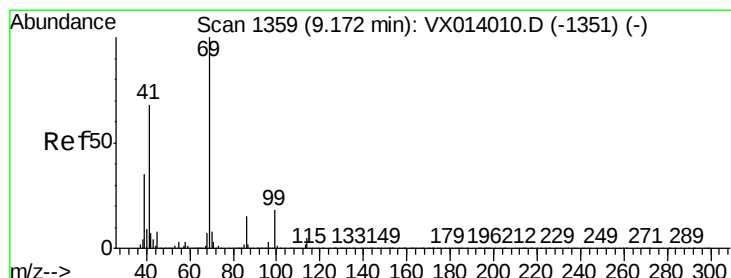
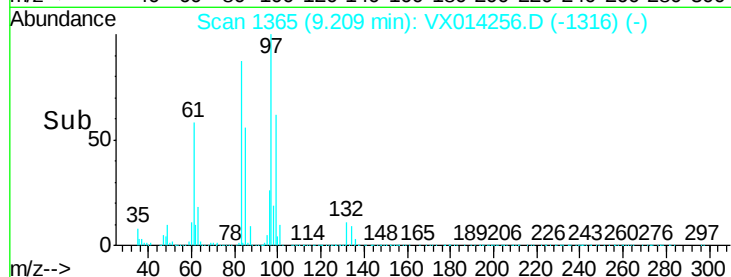
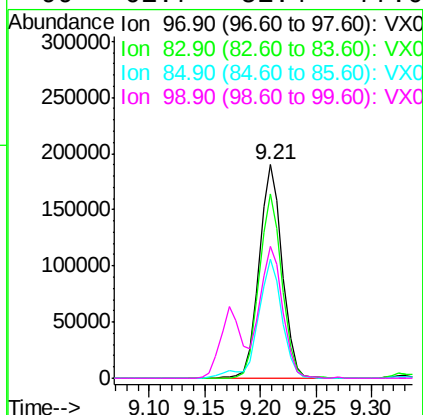
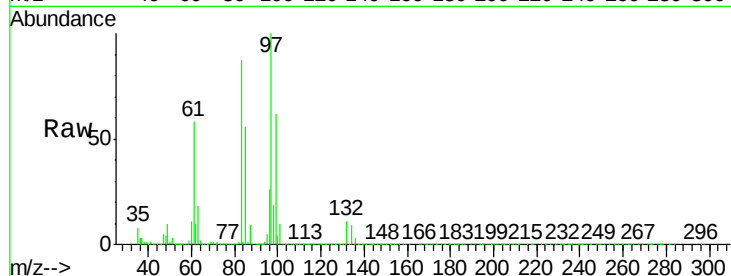
#55
 1,1,2-Trichloroethane
 Concen: 49.991 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		274360		
83	86.4	68.2	102.4		
85	55.8	44.6	66.8		
99	61.7	51.4	77.0		

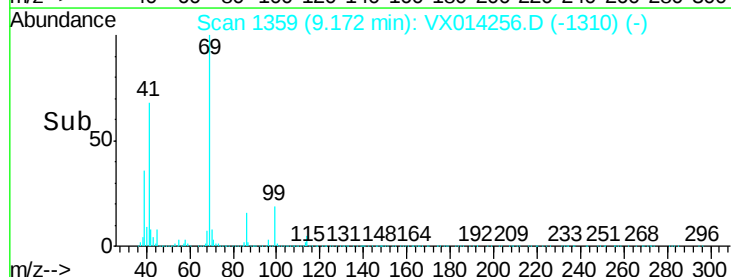
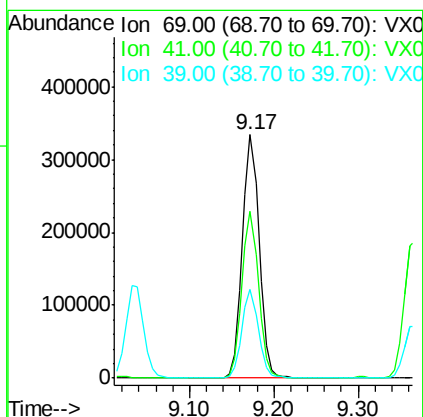
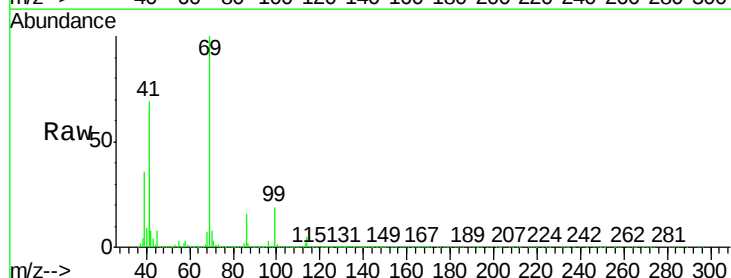
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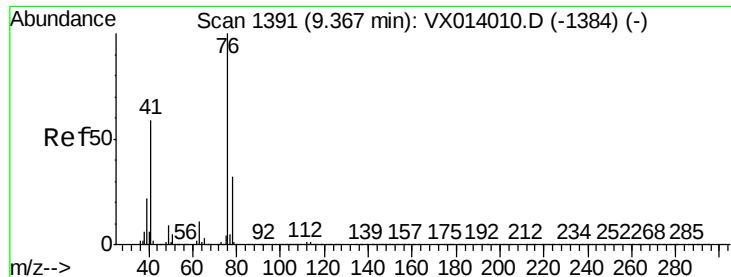
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#56
 Ethyl methacrylate
 Concen: 51.602 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		444852		
41	67.7	54.8	82.2		
39	35.3	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.513 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 76 Resp: 466423

Ion Ratio Lower Upper

76 100

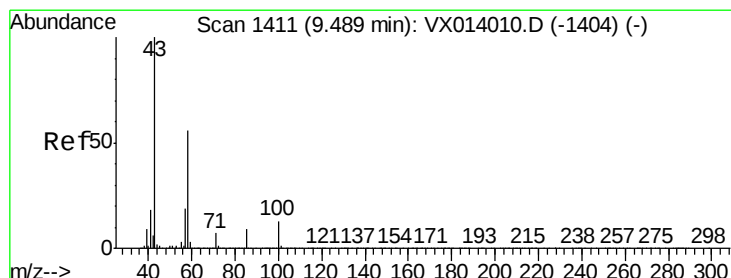
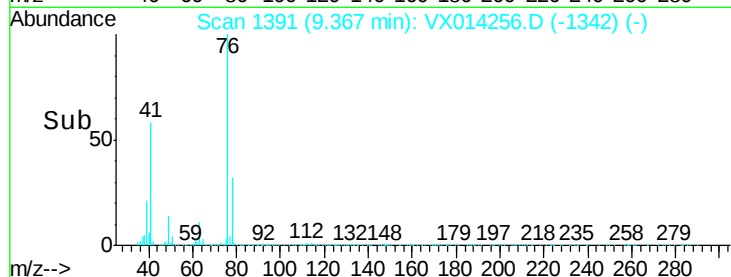
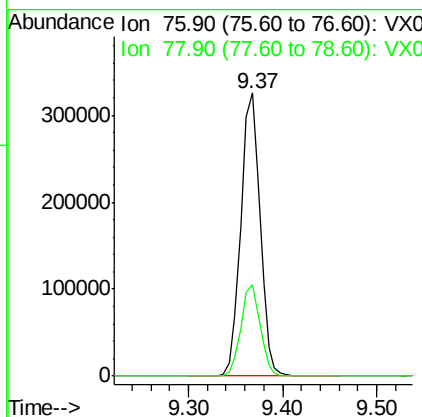
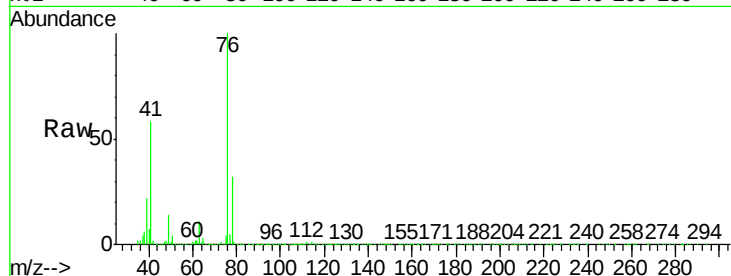
78 32.3 25.8 38.6

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#59

2-Hexanone

Concen: 244.859 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014256.D

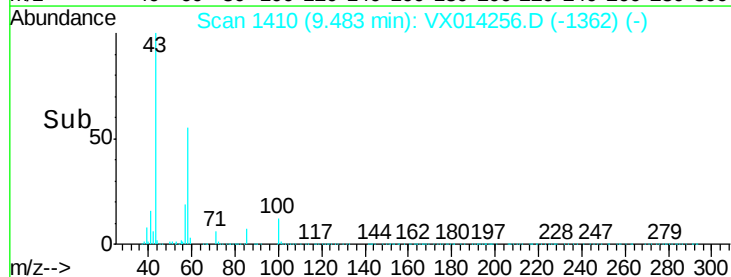
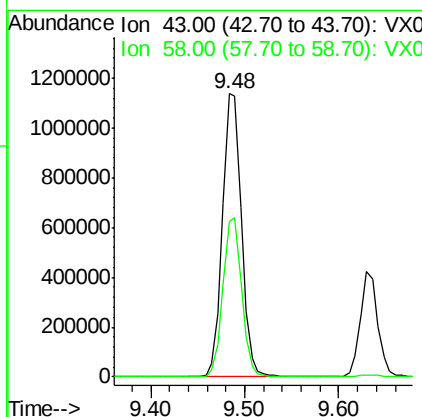
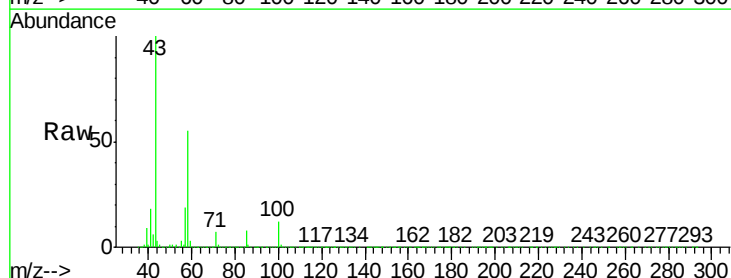
Acq: 24 Dec 2019 19:31

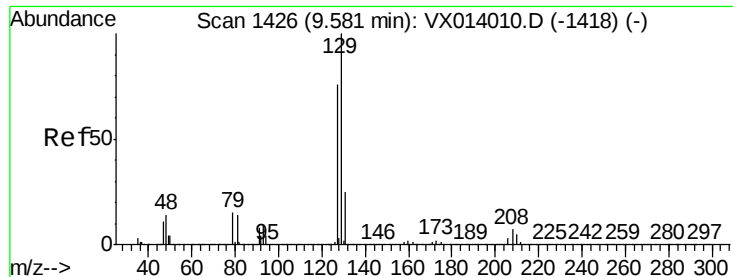
Tgt Ion: 43 Resp: 1592875

Ion Ratio Lower Upper

43 100

58 55.9 28.0 84.0





#60

Dibromochloromethane

Concen: 52.442 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:129 Resp: 286082

Ion Ratio Lower Upper

129 100

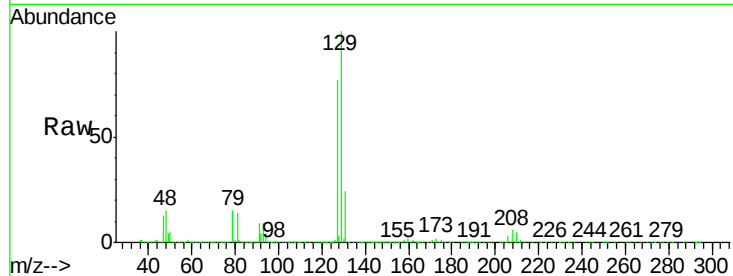
127 76.8 38.4 115.2

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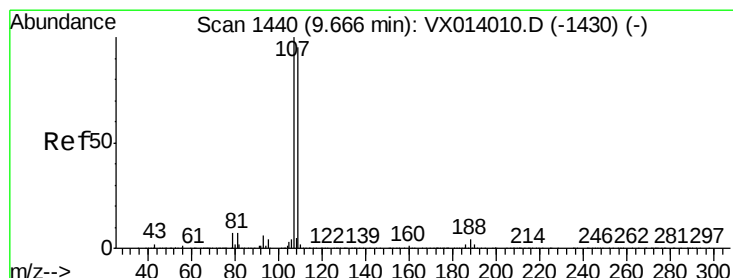
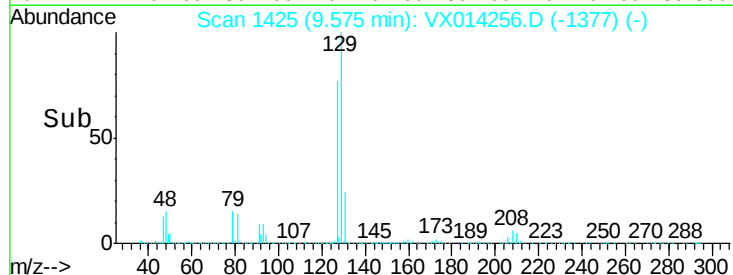
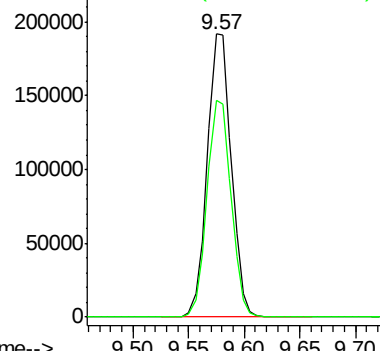
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.954 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014256.D

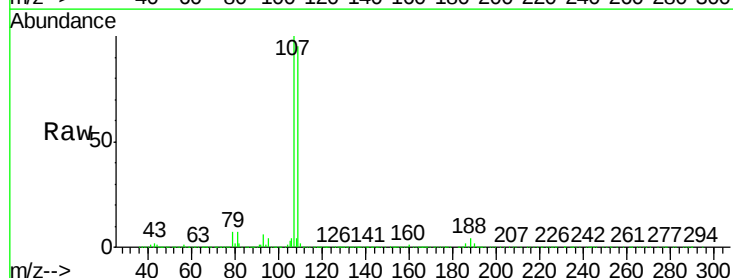
Acq: 24 Dec 2019 19:31

Tgt Ion:107 Resp: 280500

Ion Ratio Lower Upper

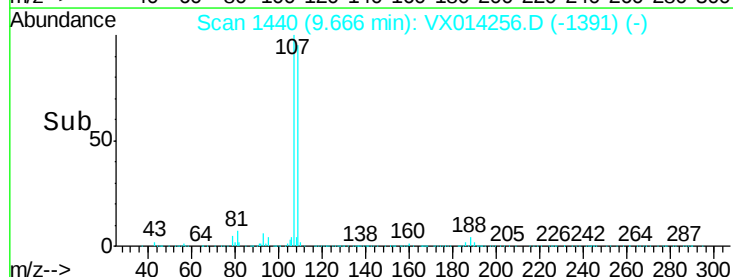
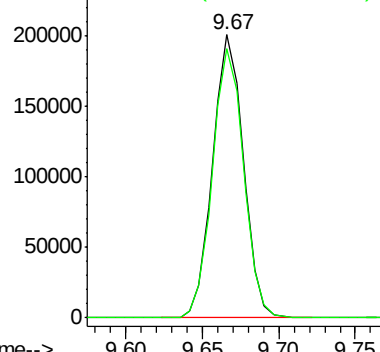
107 100

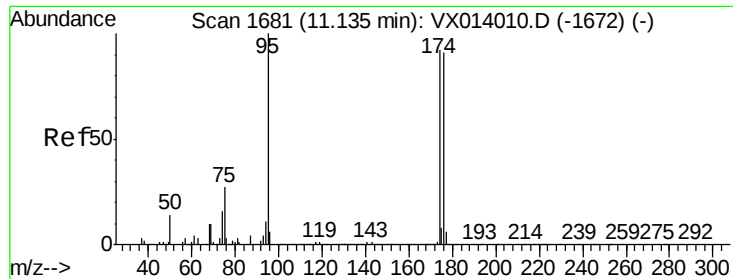
109 96.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.513 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

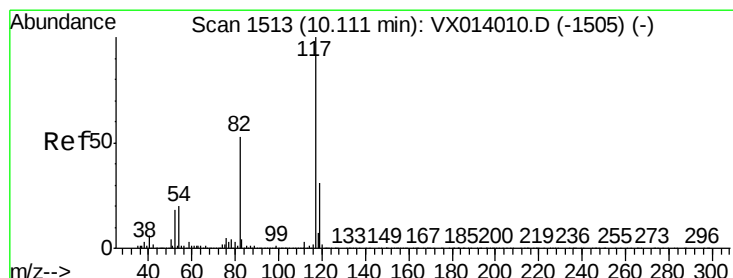
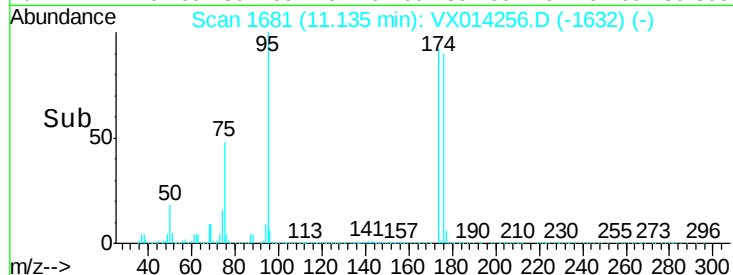
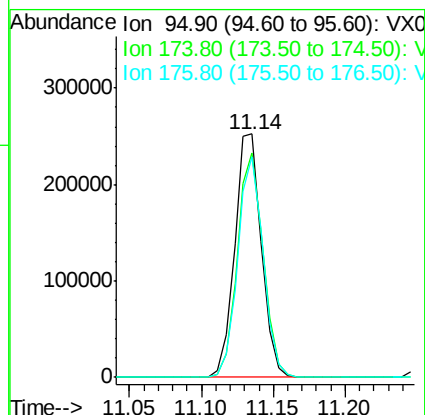
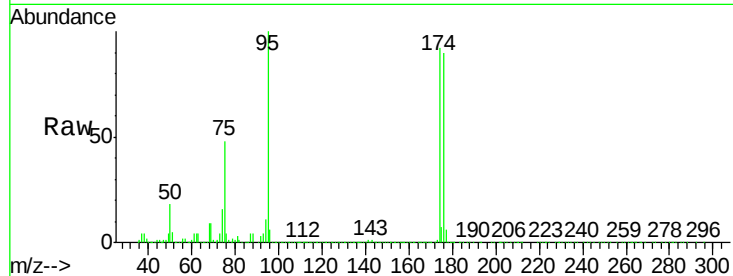
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	95	Resp:	328698
Ion Ratio	Lower	Upper	
95	100		
174	88.4	0.0	175.8
176	85.7	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

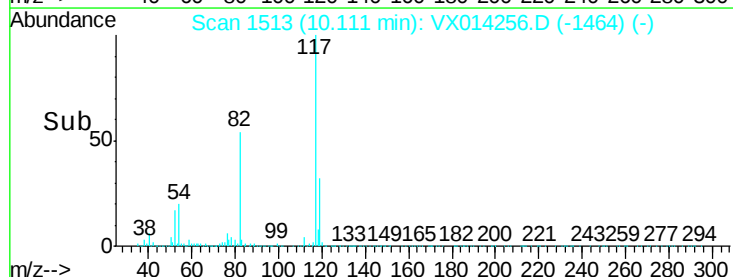
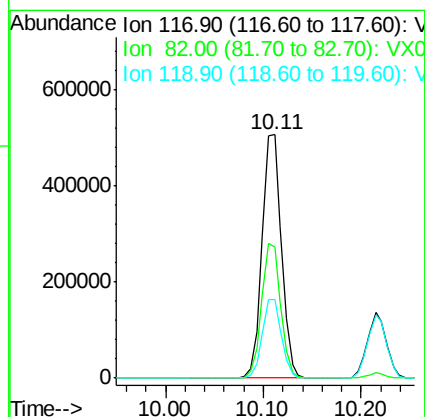
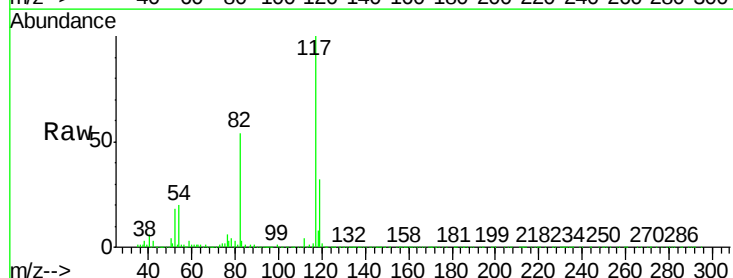
RT: 10.11 min Scan# 1513

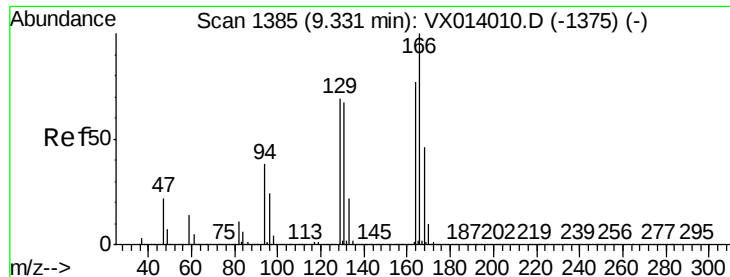
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	117	Resp:	695552
Ion Ratio	Lower	Upper	
117	100		
82	53.7	42.2	63.4
119	32.3	25.1	37.7





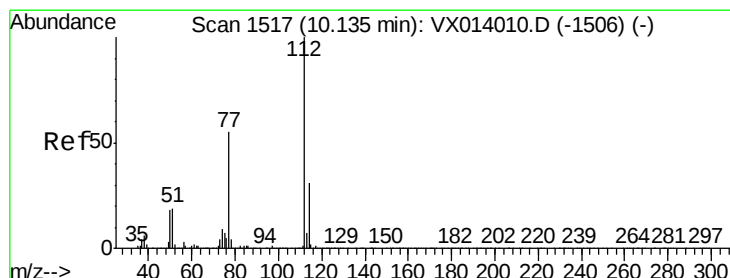
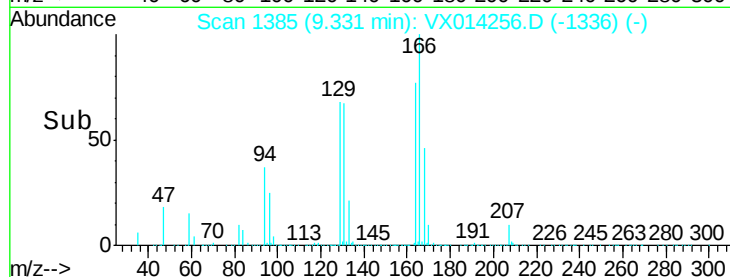
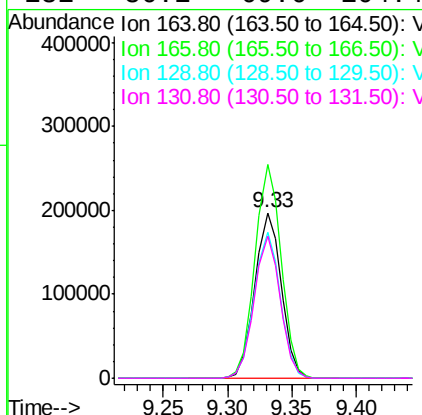
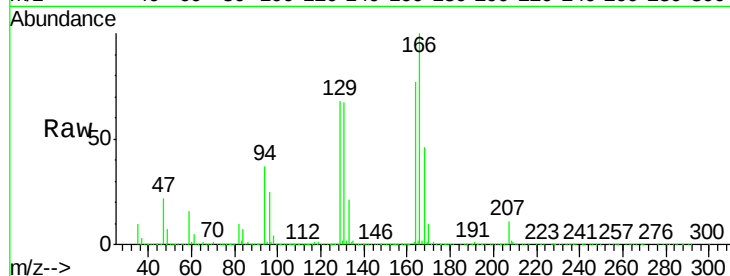
#64
Tetrachloroethene
Concen: 45.261 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.1	104.0	156.0	
129	88.2	72.2	108.4	
131	86.1	69.6	104.4	

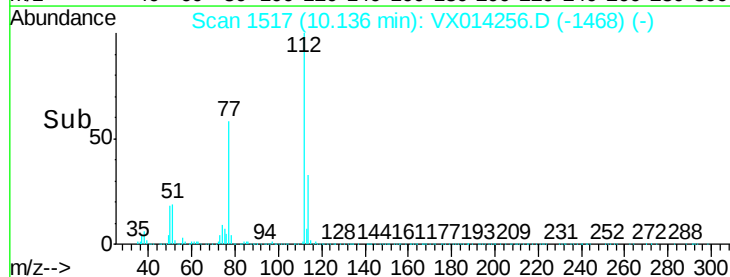
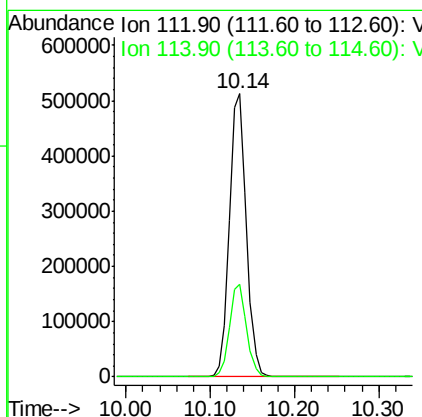
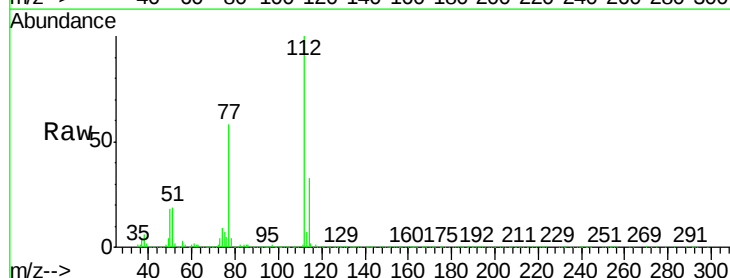
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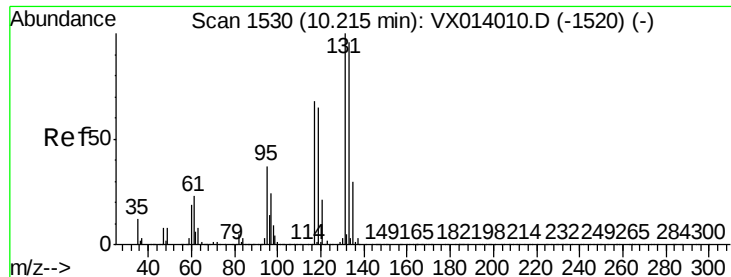
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#65
Chlorobenzene
Concen: 47.793 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.8	24.9	37.3	





#66

1,1,1,2-Tetrachloroethane

Concen: 50.633 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

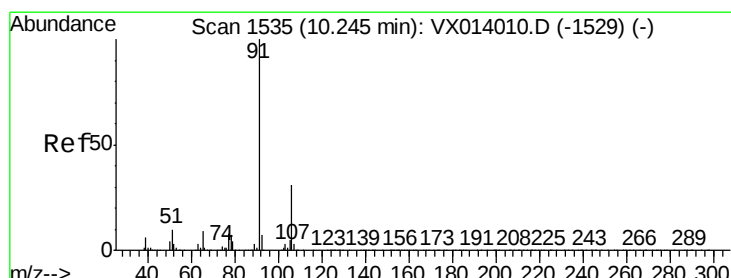
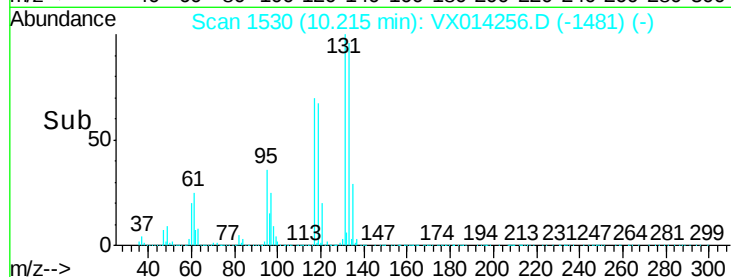
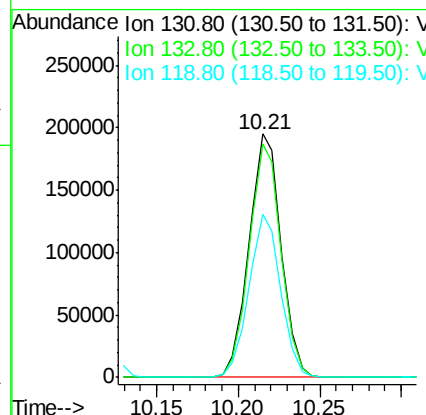
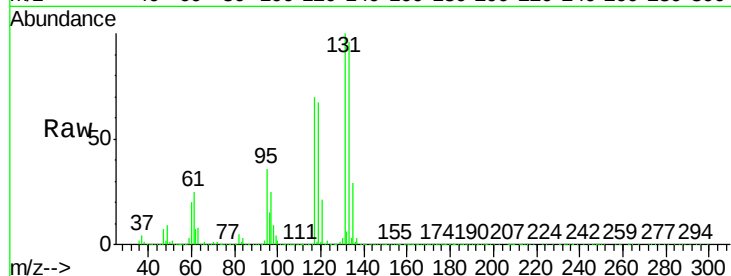
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	131	Resp:	267372
Ion Ratio	Lower	Upper	
131	100		
133	94.7	48.0	144.0
119	66.0	33.4	100.2

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#67

Ethyl Benzene

Concen: 49.206 ug/l

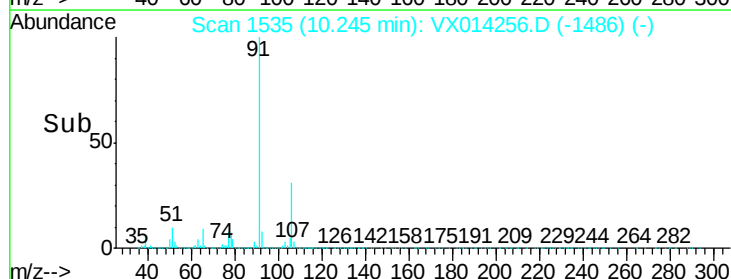
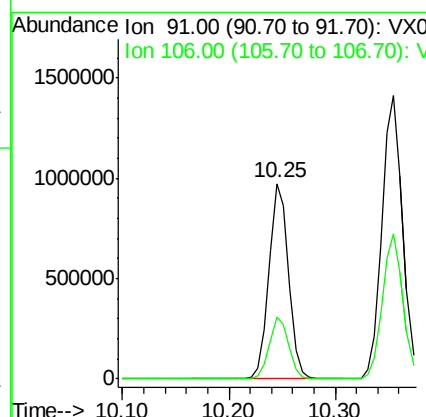
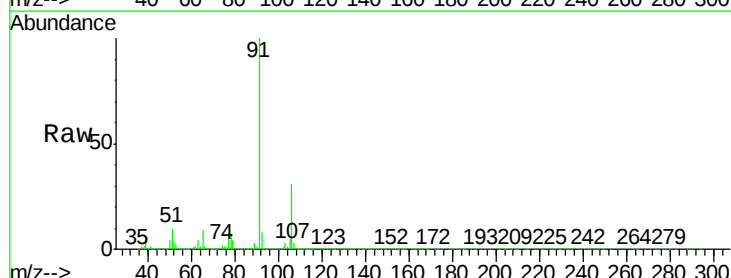
RT: 10.25 min Scan# 1535

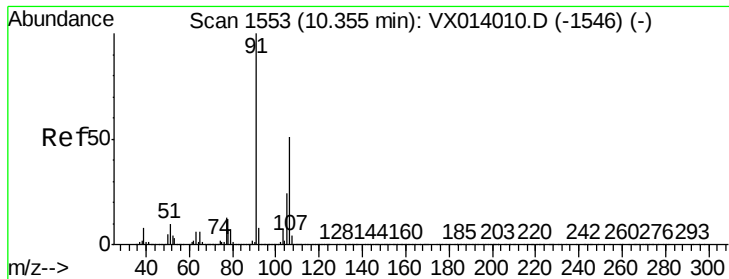
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	91	Resp:	1251103
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.0	37.6





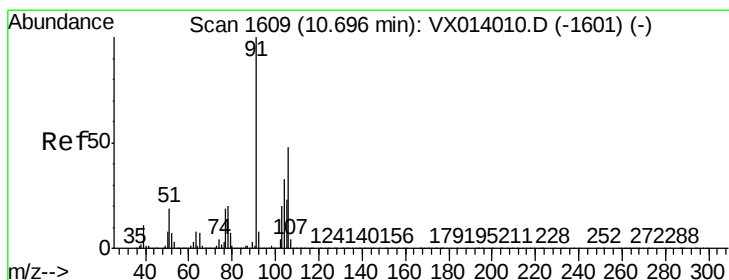
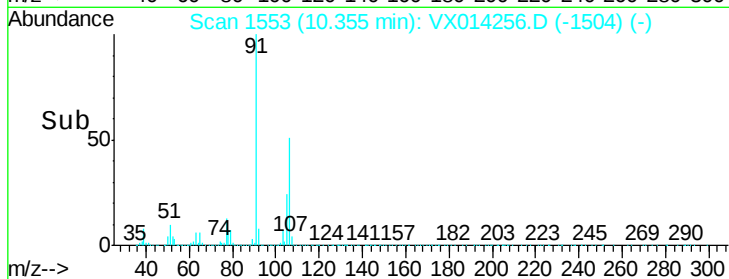
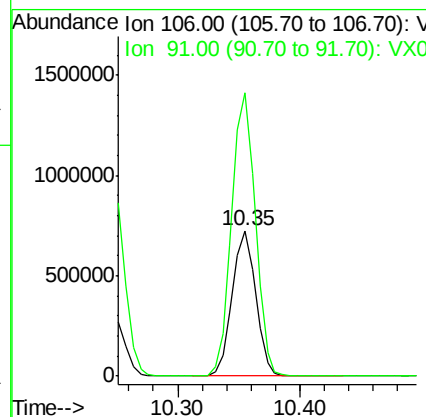
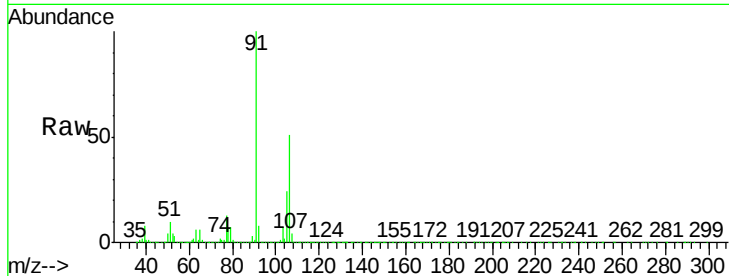
#68
m/p-Xylenes
Concen: 97.705 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion:106 Resp: 955477
Ion Ratio Lower Upper
106 100
91 198.0 158.6 238.0

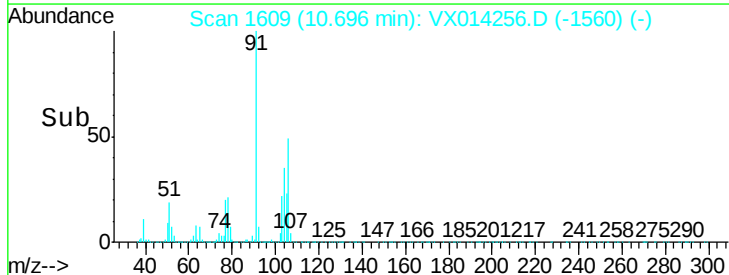
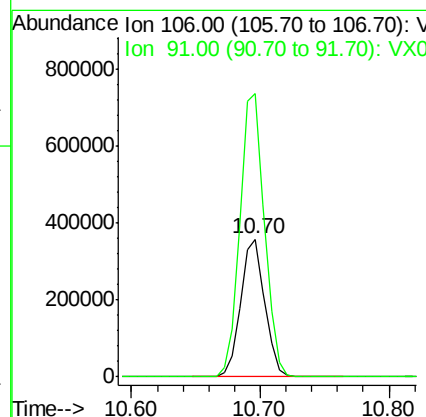
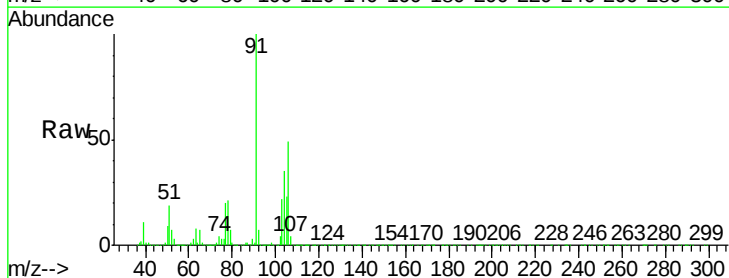
Manual Integrations
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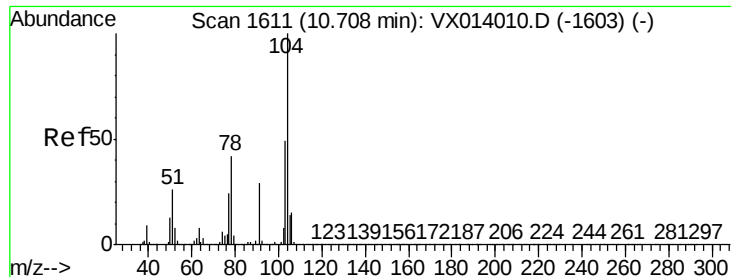
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#69
o-Xylene
Concen: 48.451 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion:106 Resp: 464689
Ion Ratio Lower Upper
106 100
91 210.4 104.2 312.6





#70

Stvrene

Concen: 49.419 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

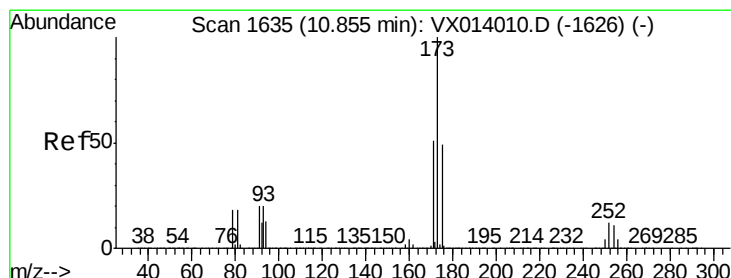
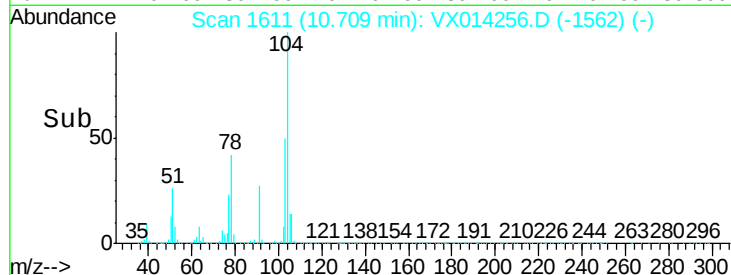
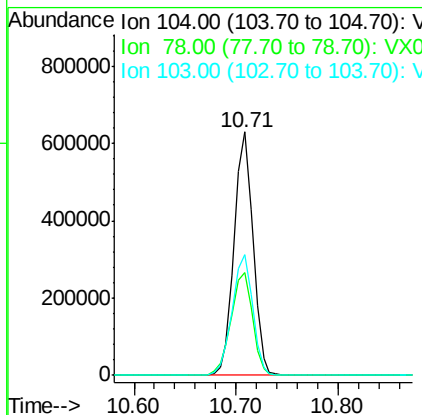
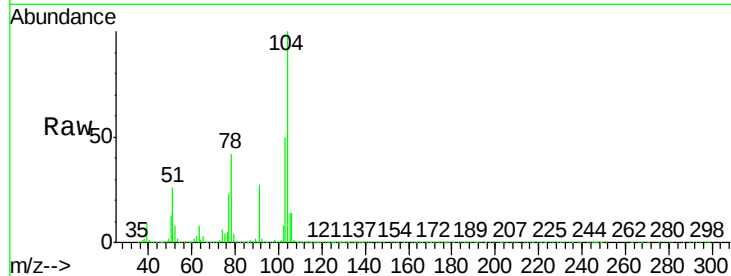
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	104	Resp:	801486
Ion Ratio		Lower	Upper
104	100		
78	48.1	38.5	57.7
103	54.3	42.9	64.3

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#71

Bromoform

Concen: 52.283 ug/l

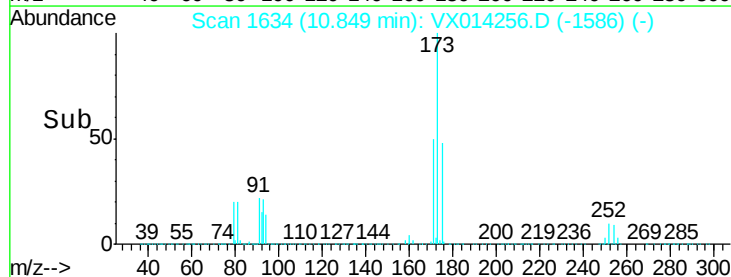
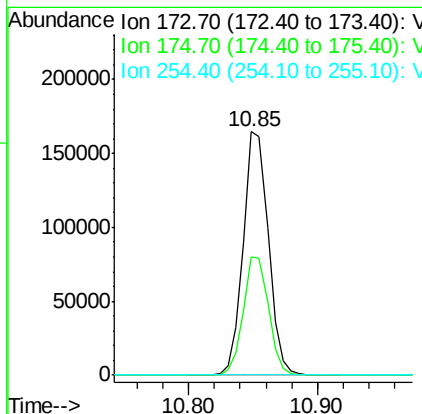
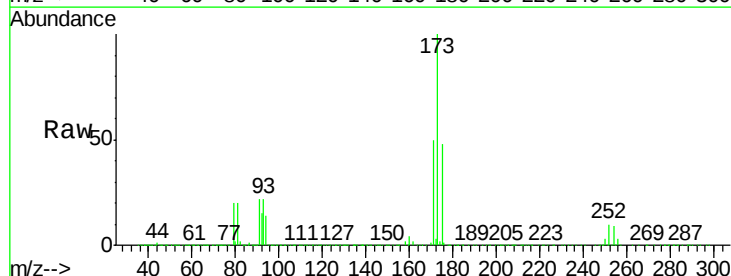
RT: 10.85 min Scan# 1634

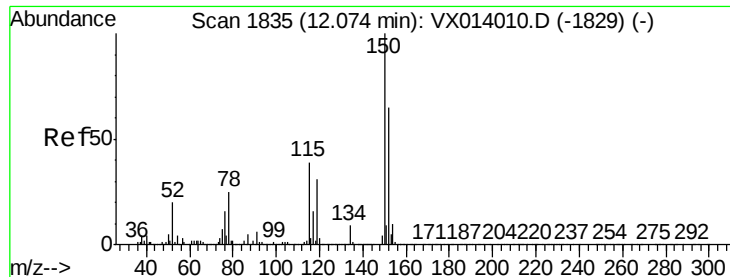
Delta R.T. -0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	173	Resp:	221926
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: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

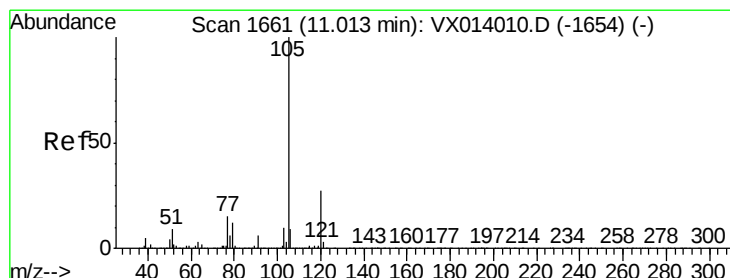
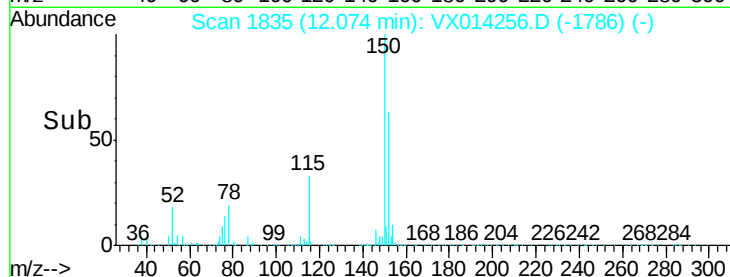
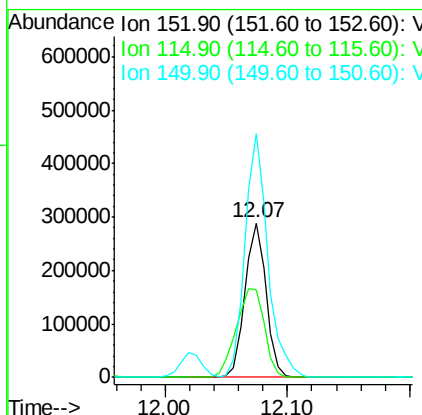
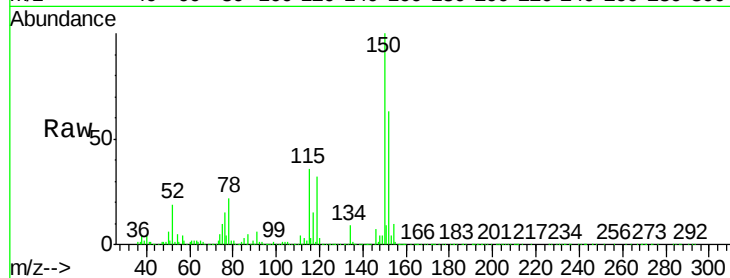
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	152	Resp:	343564
Ion Ratio	Lower	Upper	
152	100		
115	76.3	38.3	114.9
150	170.7	0.0	345.4

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#73

Isopropylbenzene

Concen: 50.924 ug/l

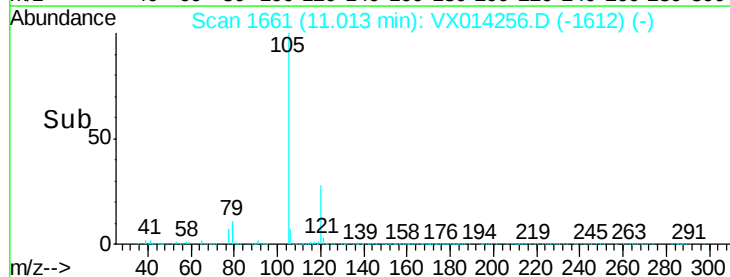
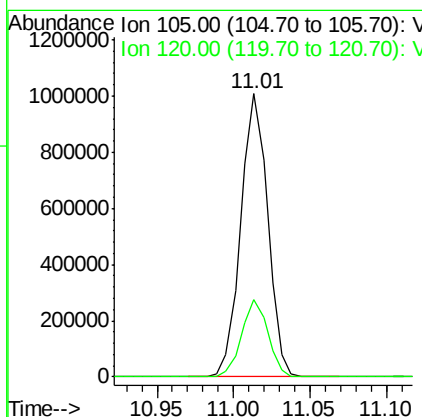
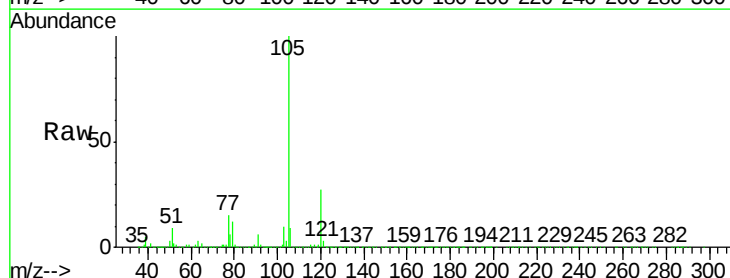
RT: 11.01 min Scan# 1661

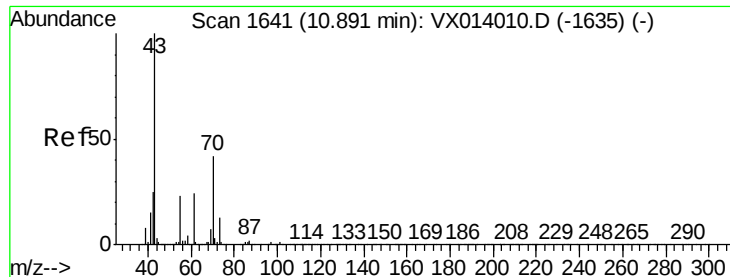
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	105	Resp:	1231823
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.5	40.4





#74

N-amvl acetate

Concen: 47.154 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

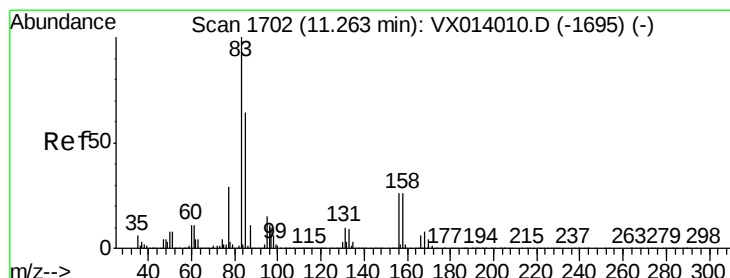
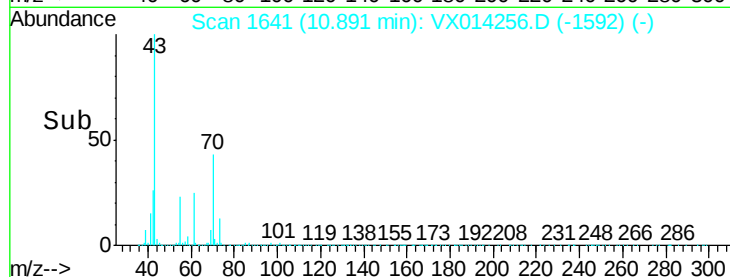
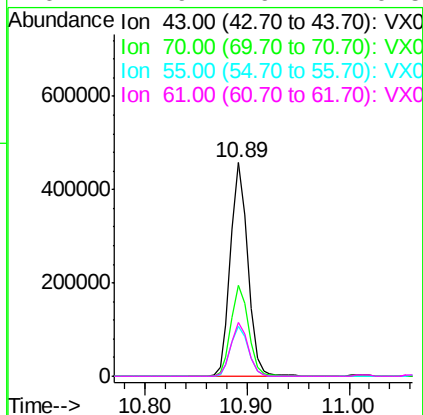
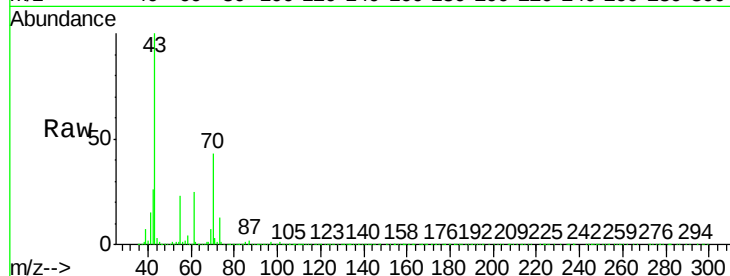
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	534666		
70	70	43.4		34.4	51.6
55	55	23.9		19.1	28.7
61	61	24.9		19.7	29.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.094 ug/l

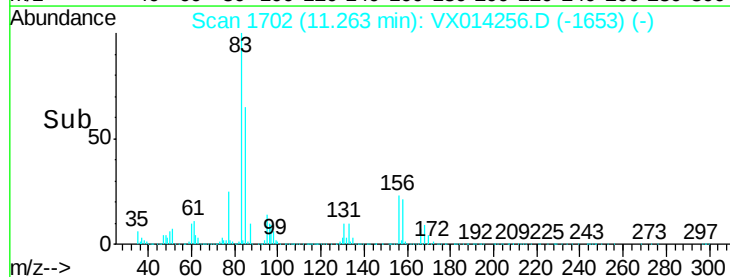
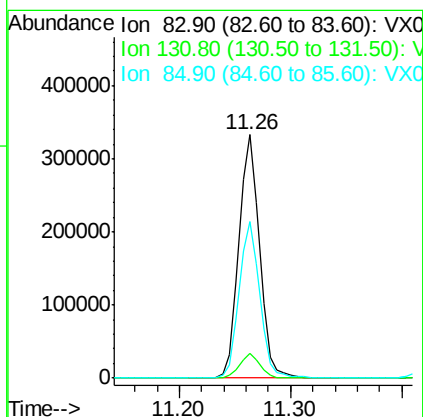
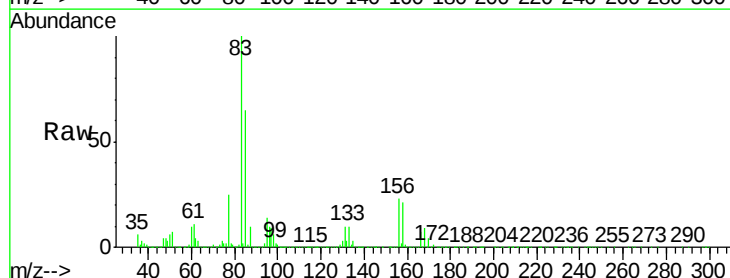
RT: 11.26 min Scan# 1702

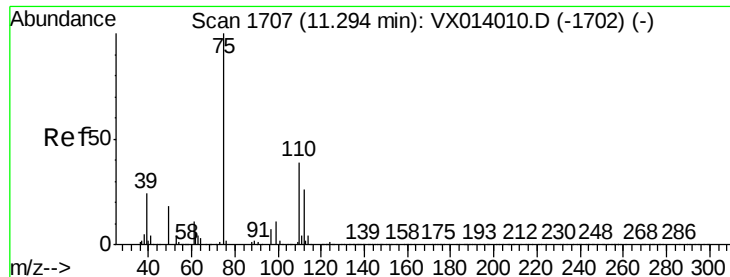
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	428492		
131	131	10.0		5.1	15.2
85	85	64.1		31.9	95.7





#76

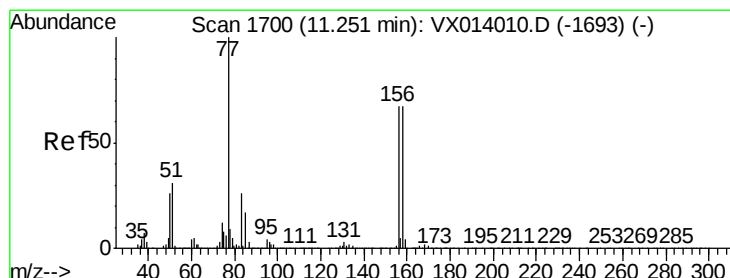
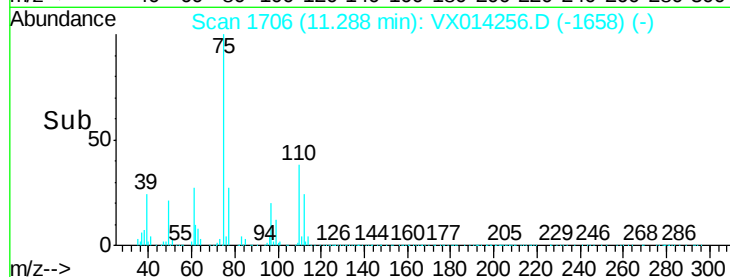
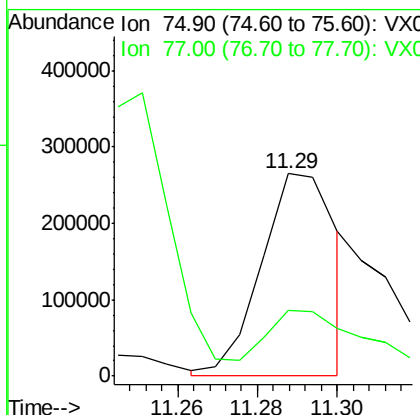
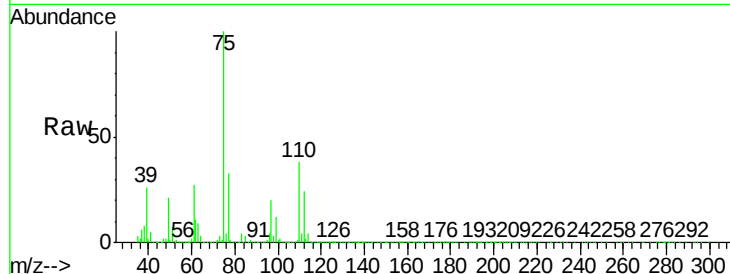
1,2,3-Trichloropropane
Concen: 46.123 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	43.6	19.3	57.8

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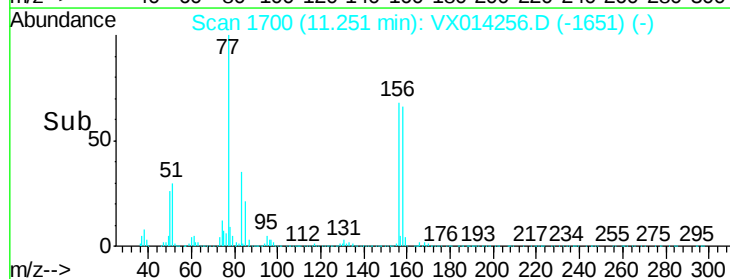
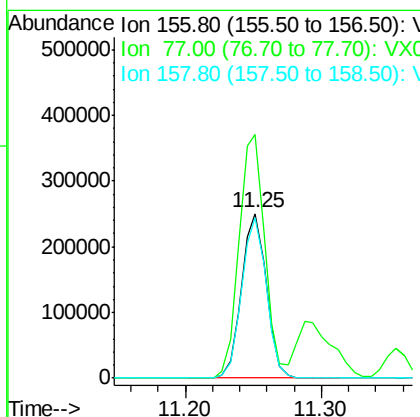
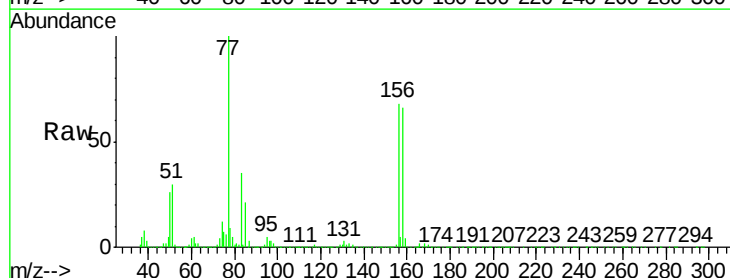
apatel
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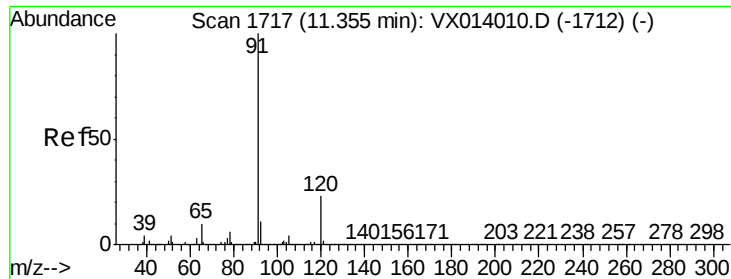


#77

Bromobenzene
Concen: 47.944 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
156	100		
77	153.7	76.5	229.5
158	96.7	49.3	147.9





#78

n-propylbenzene

Concen: 50.827 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 91 Resp: 1379089

Ion Ratio Lower Upper

91 100

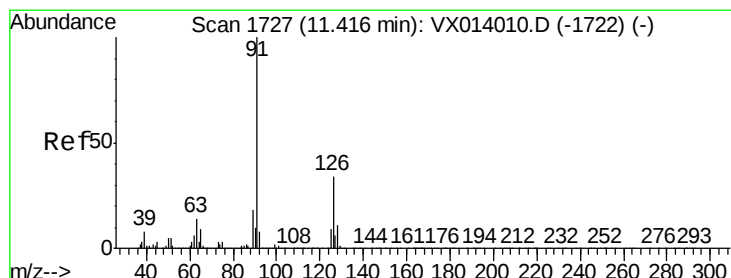
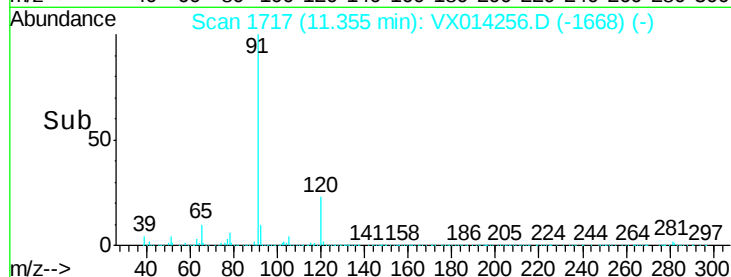
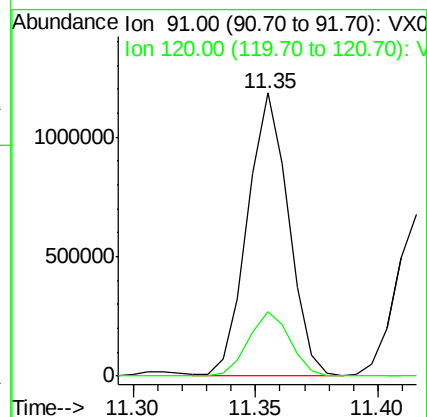
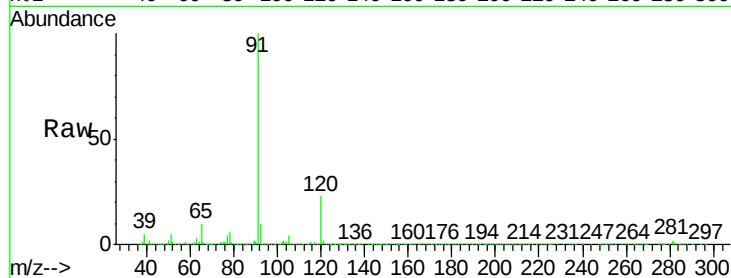
120 23.3 11.7 35.0

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#79

2-Chlorotoluene

Concen: 49.683 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014256.D

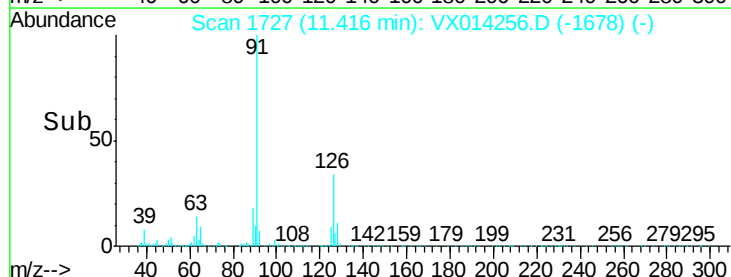
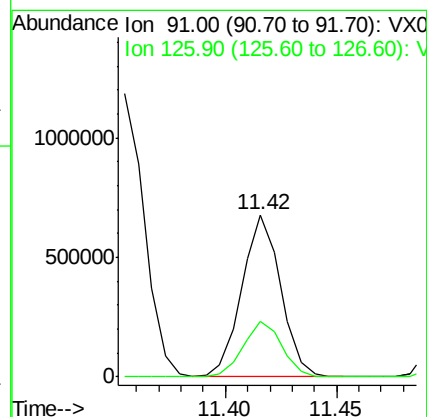
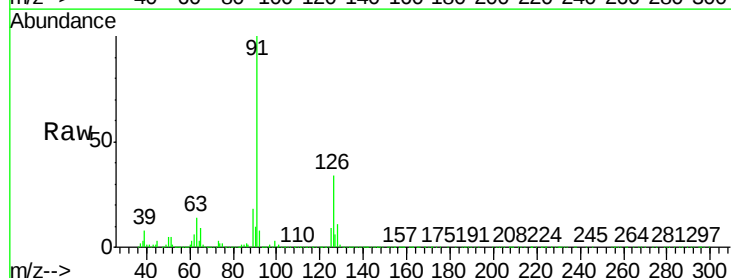
Acq: 24 Dec 2019 19:31

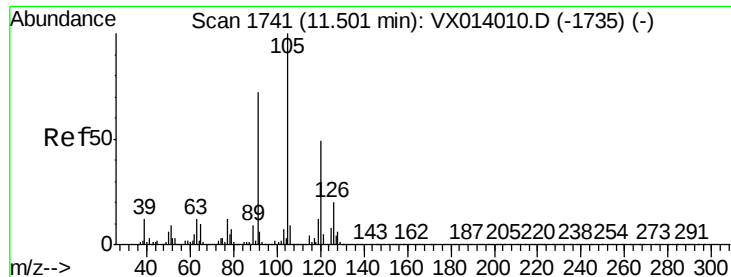
Tgt Ion: 91 Resp: 819442

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 49.739 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:105 Resp: 1012595

Ion Ratio Lower Upper

105 100

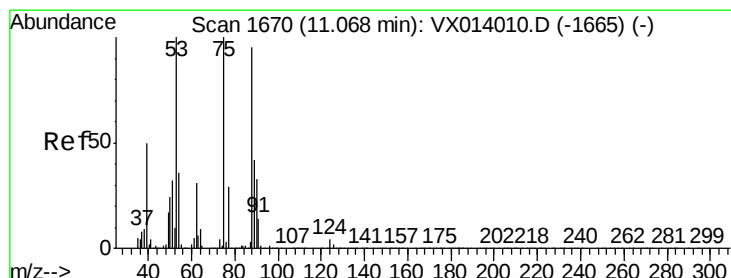
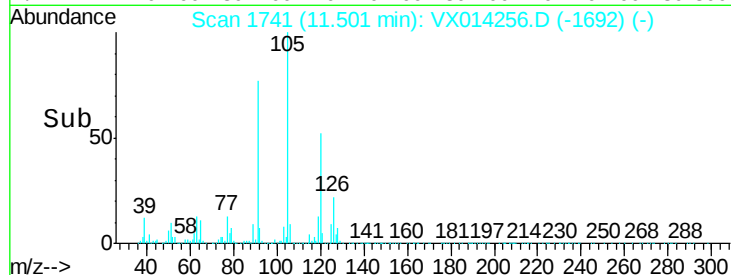
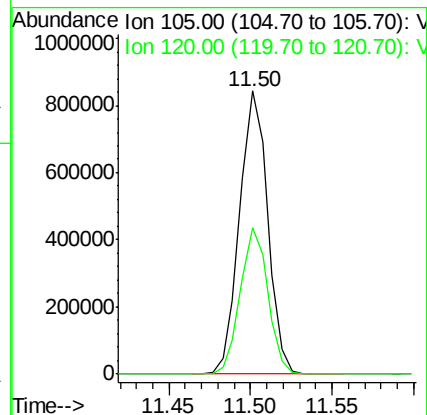
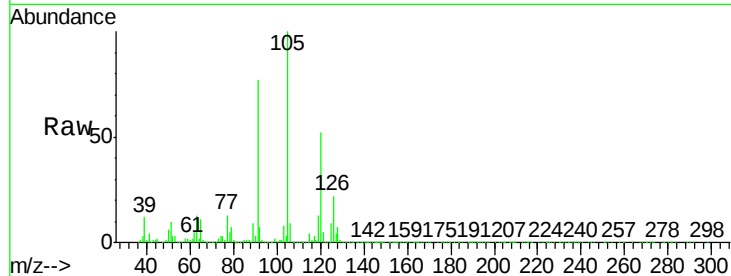
120 50.6 25.3 75.8

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#81

trans-1,4-Dichloro-2-butene

Concen: 51.810 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

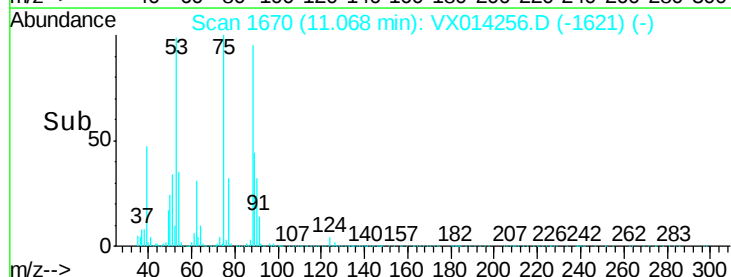
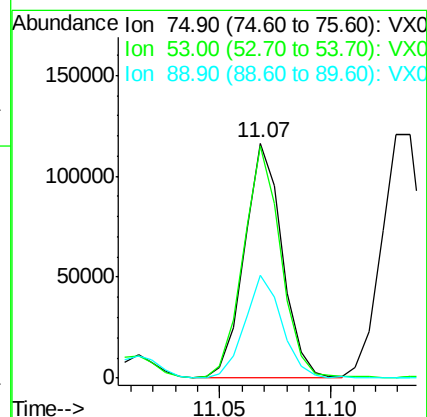
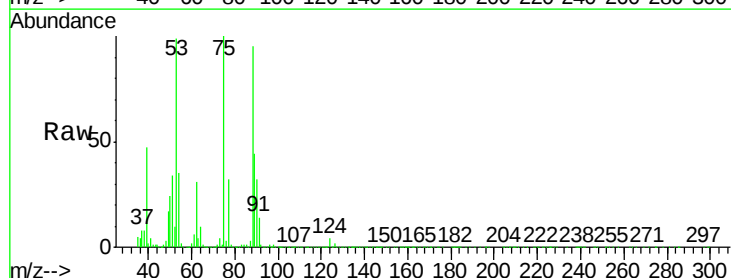
Tgt Ion: 75 Resp: 136911

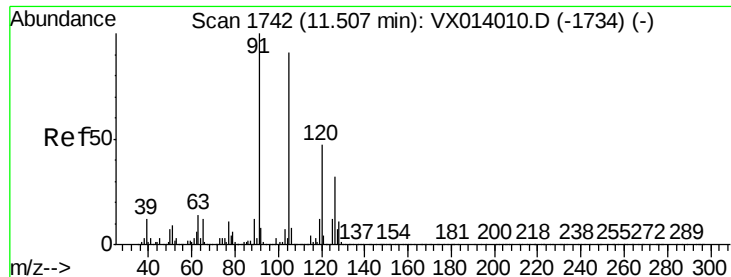
Ion Ratio Lower Upper

75 100

53 97.3 76.7 115.1

89 43.7 34.6 51.8





#82

4-Chlorotoluene

Concen: 48.667 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion: 91 Resp: 931082

Ion Ratio Lower Upper

91 100

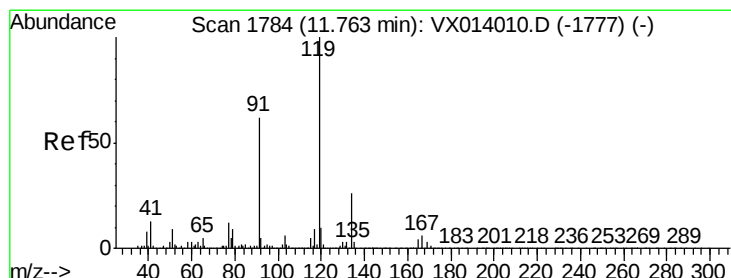
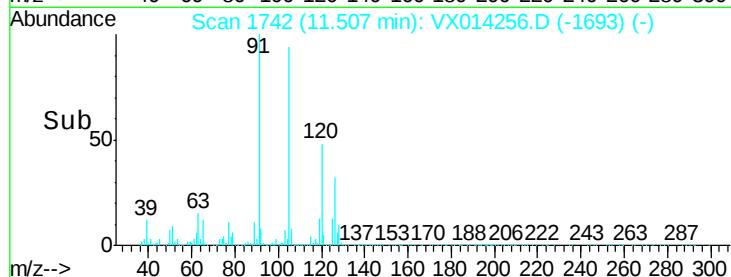
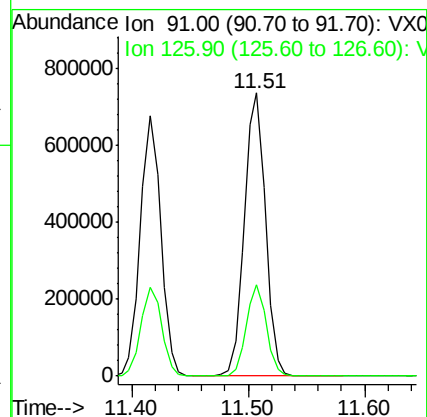
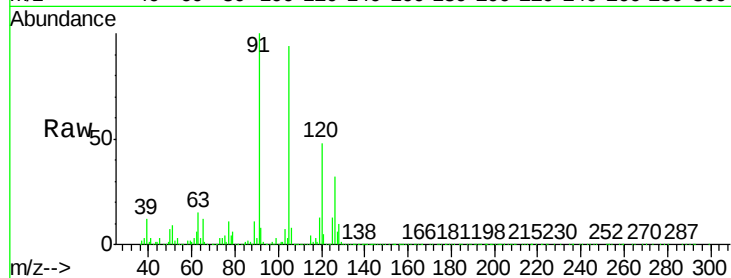
126 30.7 15.6 46.8

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#83

tert-Butylbenzene

Concen: 50.989 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

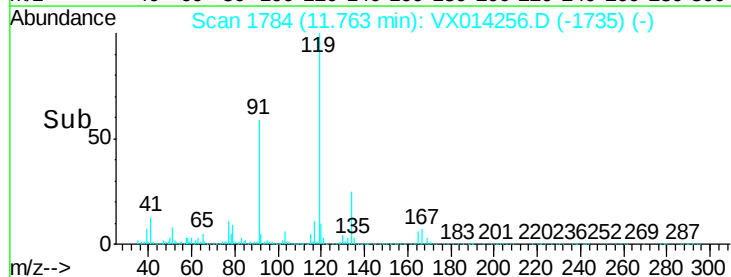
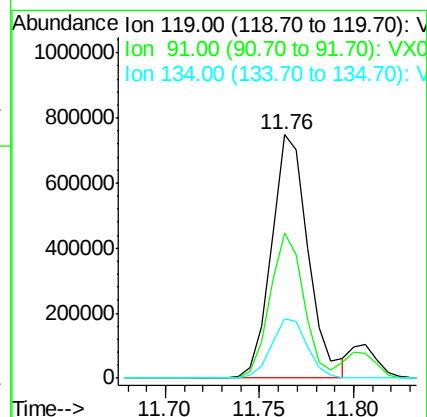
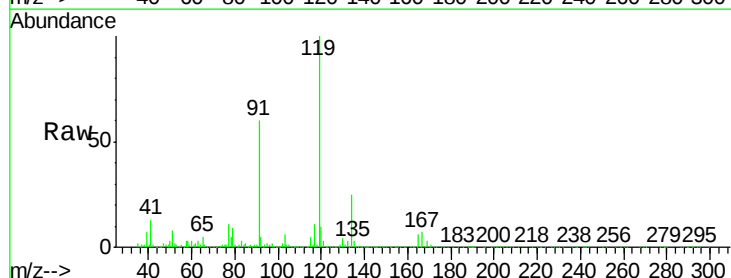
Tgt Ion: 119 Resp: 1010181

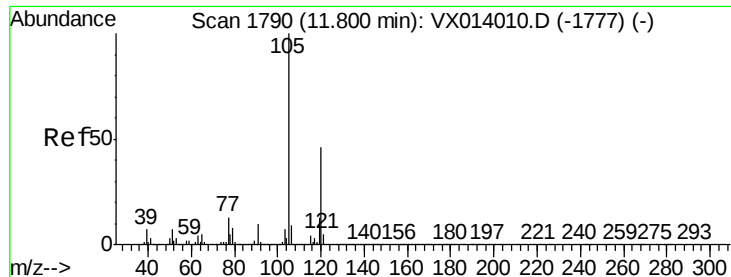
Ion Ratio Lower Upper

119 100

91 55.1 28.5 85.6

134 23.8 12.2 36.6





#84

1,2,4-Trimethylbenzene

Concen: 50.153 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:105 Resp: 1022495

Ion Ratio Lower Upper

105 100

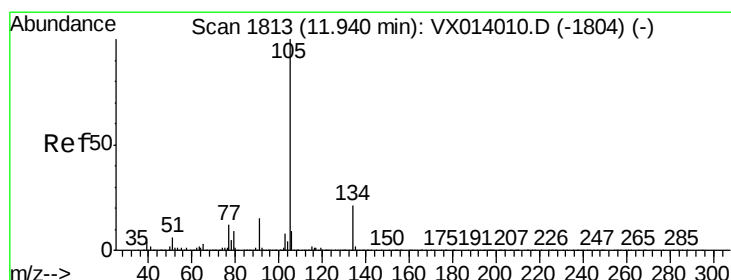
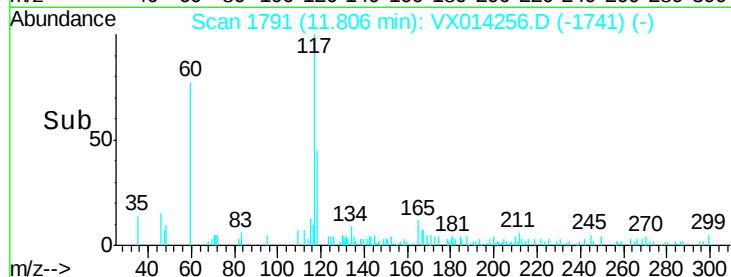
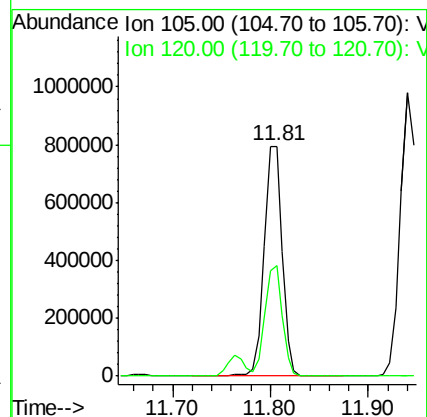
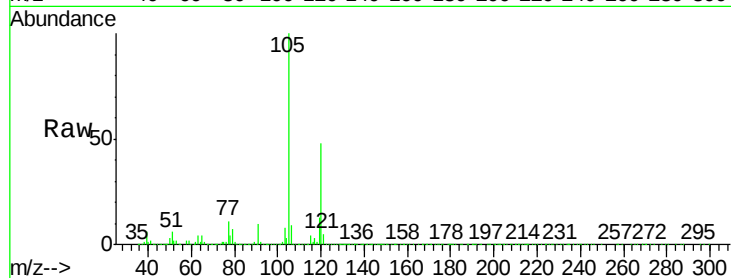
120 46.3 23.1 69.2

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#85

sec-Butylbenzene

Concen: 49.852 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014256.D

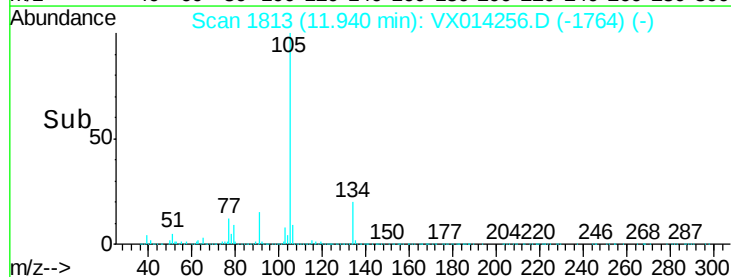
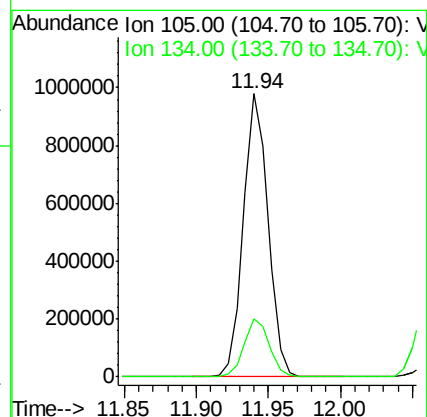
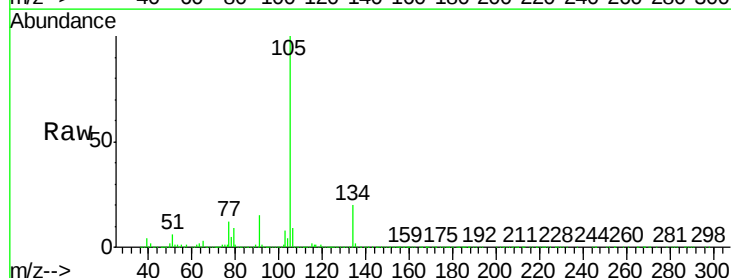
Acq: 24 Dec 2019 19:31

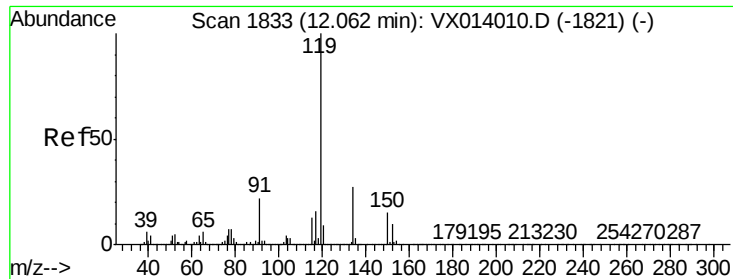
Tgt Ion:105 Resp: 1165943

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1





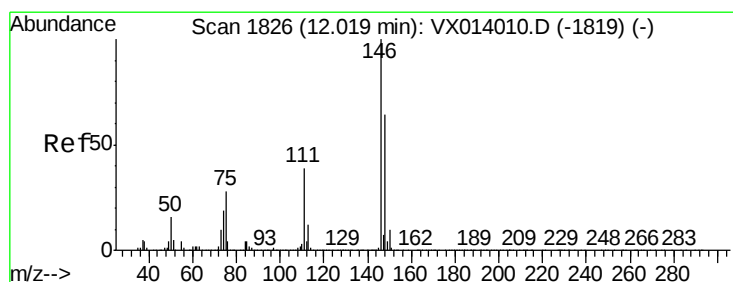
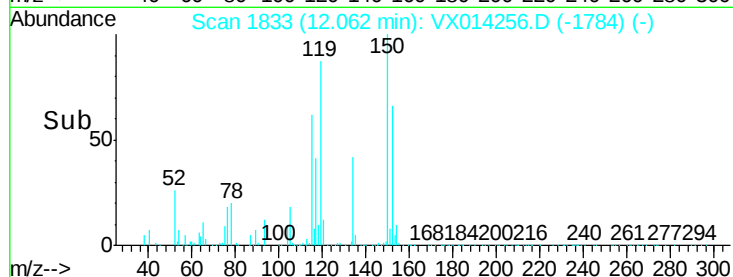
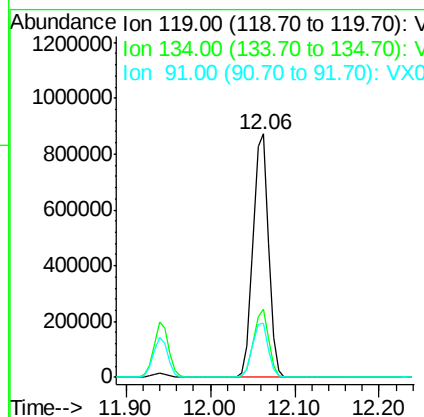
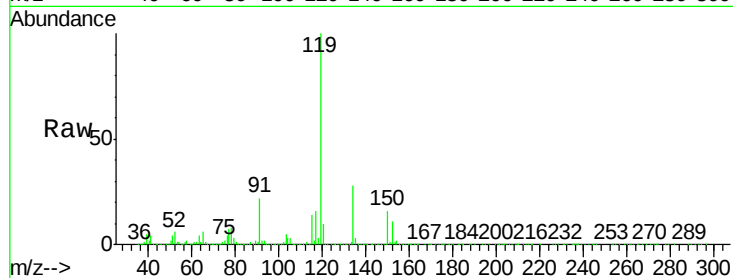
#86
p-Isopropyltoluene
Concen: 49.873 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.1
91	22.3	11.4	34.1

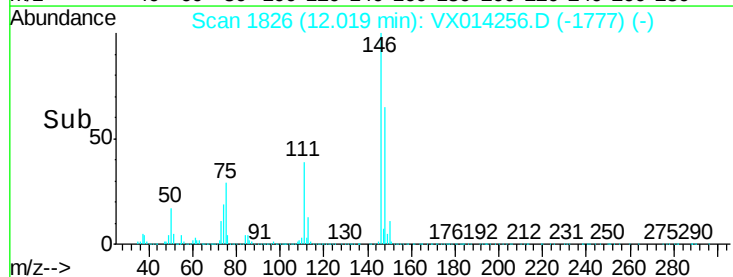
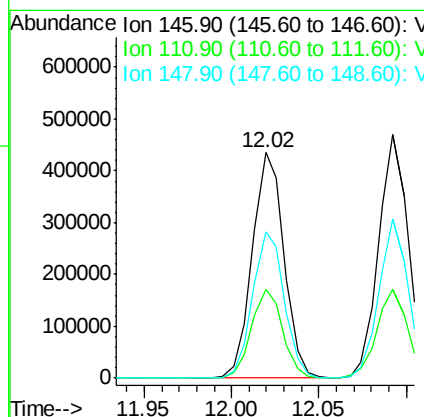
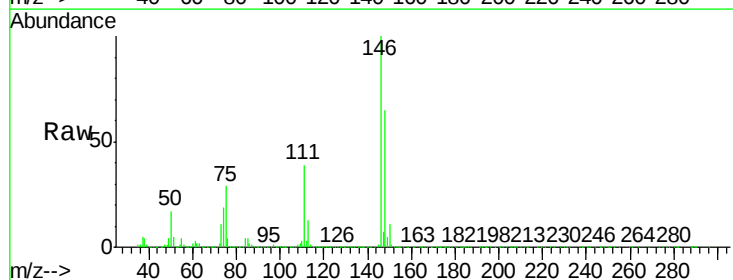
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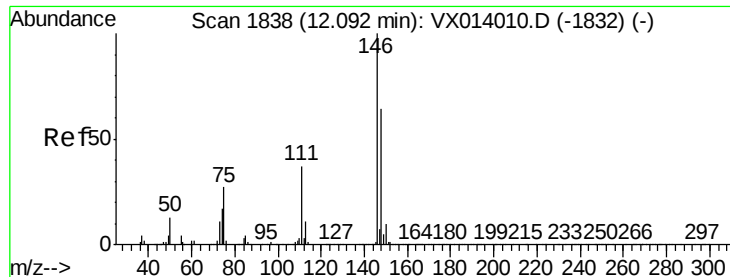
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#87
1,3-Dichlorobenzene
Concen: 46.926 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	64.5	32.3	96.9





#88

1,4-Dichlorobenzene

Concen: 46.720 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

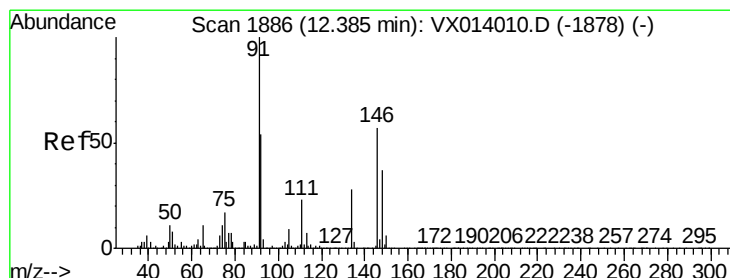
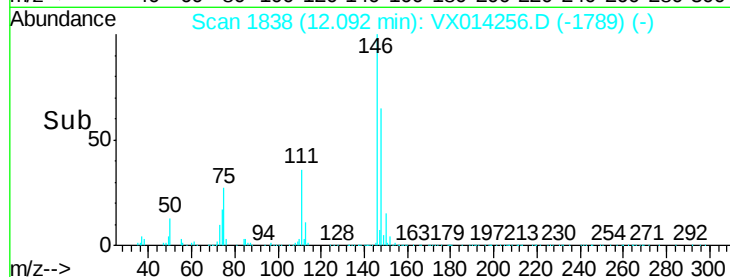
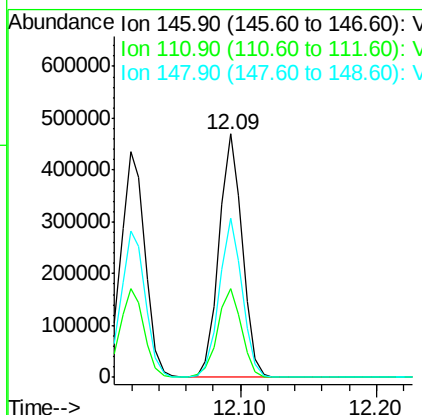
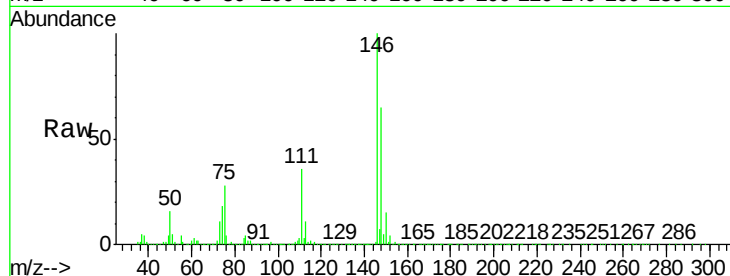
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	146	Resp:	554118
Ion Ratio		Lower	Upper
146	100		
111	37.3	18.7	56.1
148	64.2	31.9	95.9

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#89

n-Butylbenzene

Concen: 49.289 ug/l

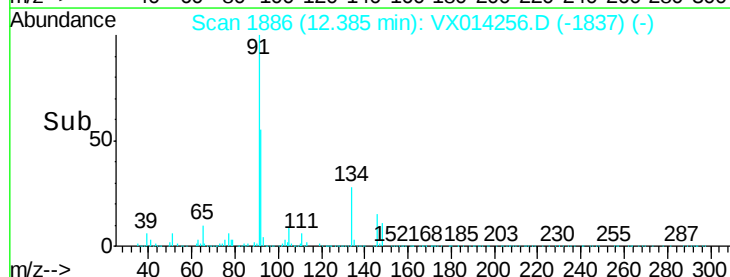
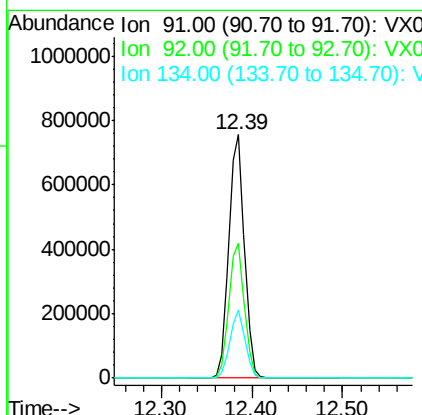
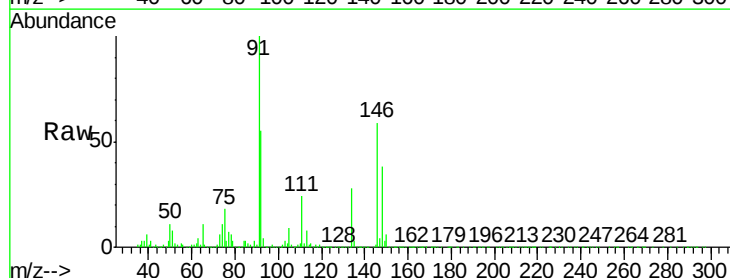
RT: 12.39 min Scan# 1886

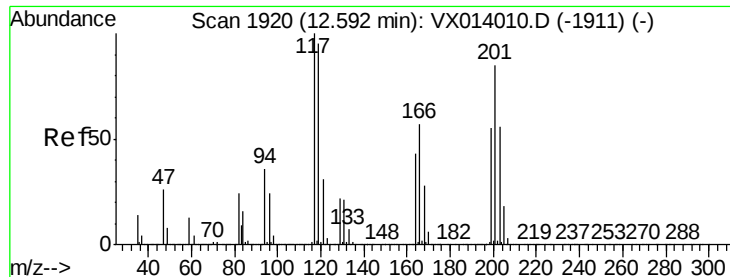
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	91	Resp:	899766
Ion Ratio		Lower	Upper
91	100		
92	55.2	27.2	81.6
134	26.9	13.4	40.1





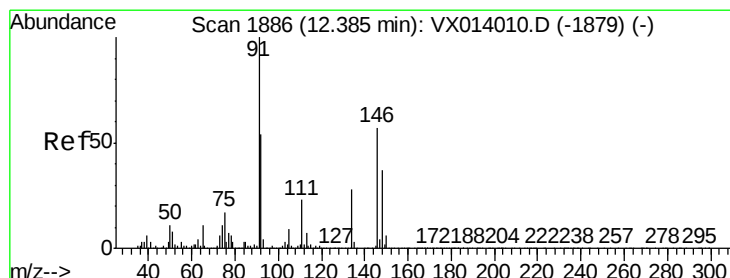
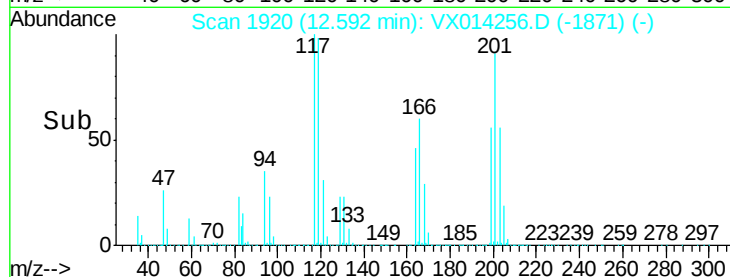
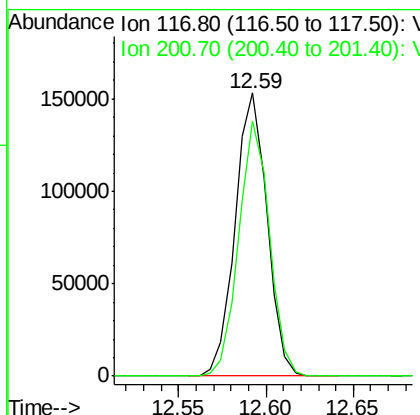
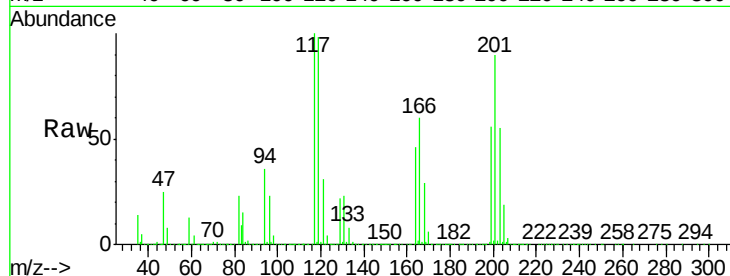
#90
Hexachloroethane
Concen: 50.354 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	193496		
201	87.3	43.1	129.3	

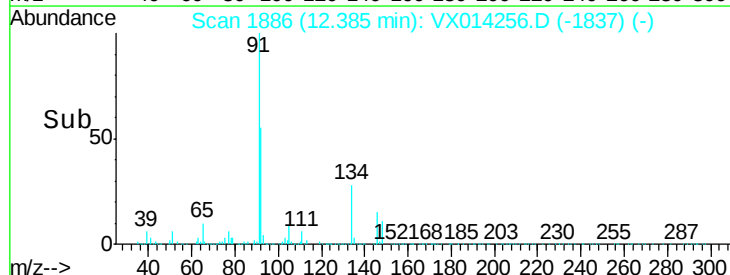
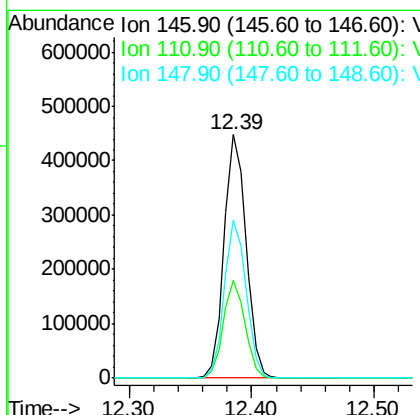
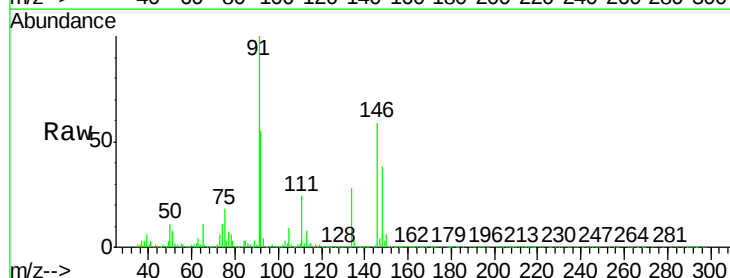
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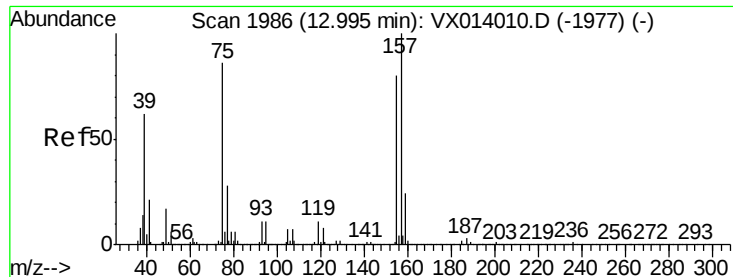
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#91
1,2-Dichlorobenzene
Concen: 47.494 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014256.D
Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557681		
111	39.7	19.7	59.1	
148	64.2	32.1	96.5	





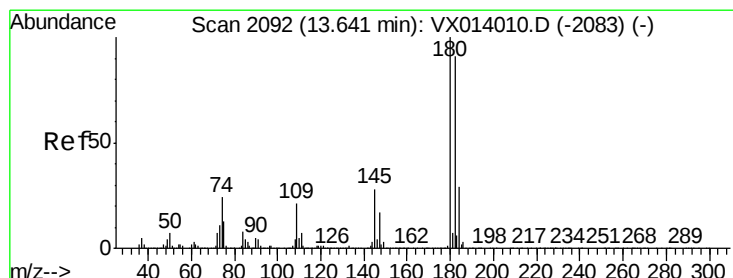
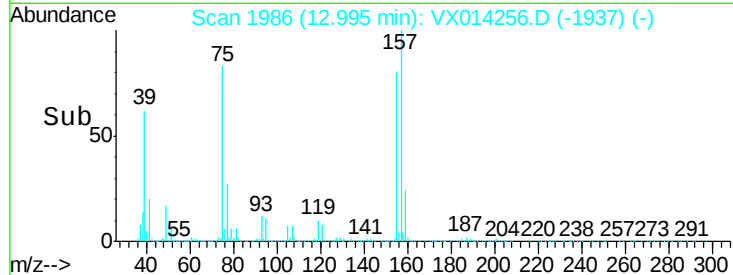
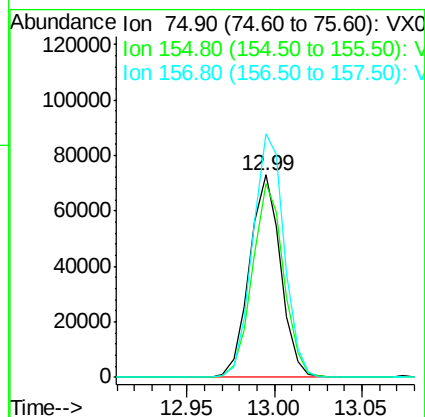
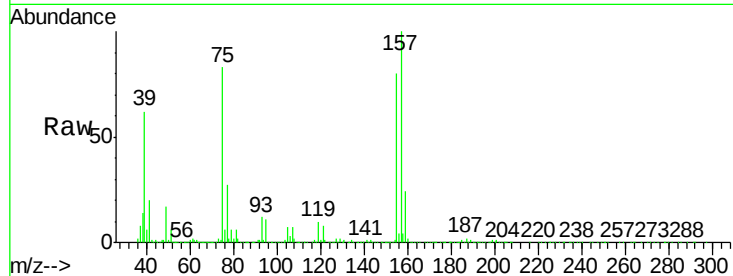
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.058 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	96.9	46.9	140.6
157	123.7	60.8	182.4

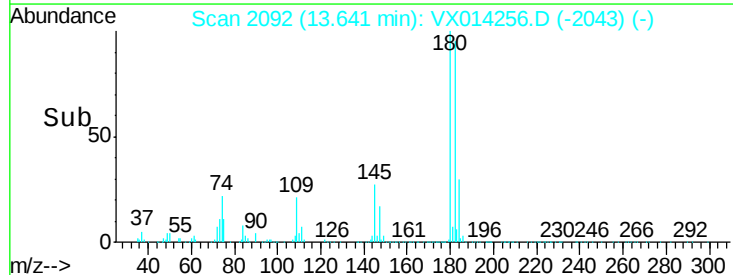
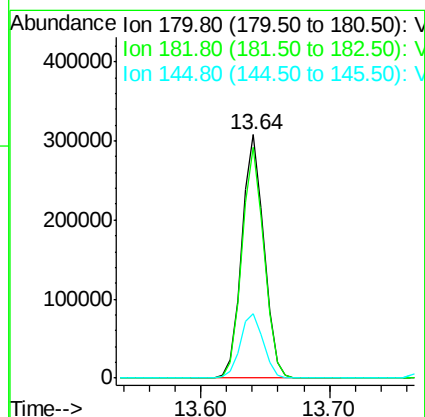
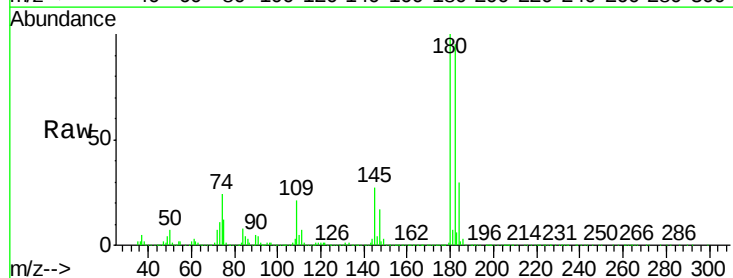
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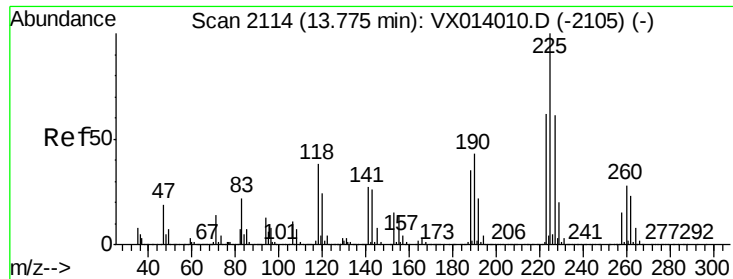
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.017 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.6	139.8
145	28.0	14.2	42.6





#94

Hexachlorobutadiene

Concen: 47.410 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Instrument :

MSVOA_X

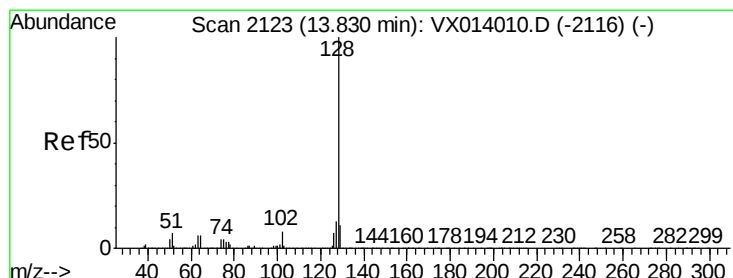
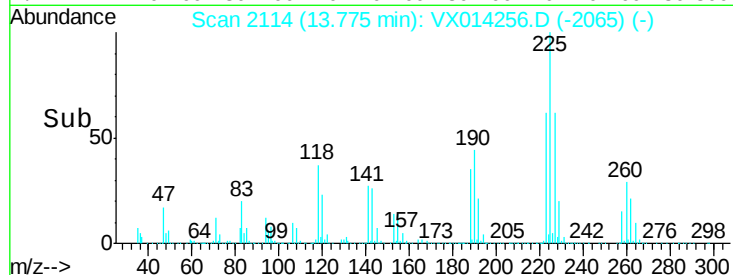
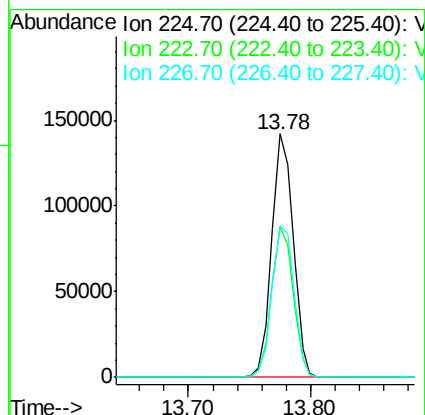
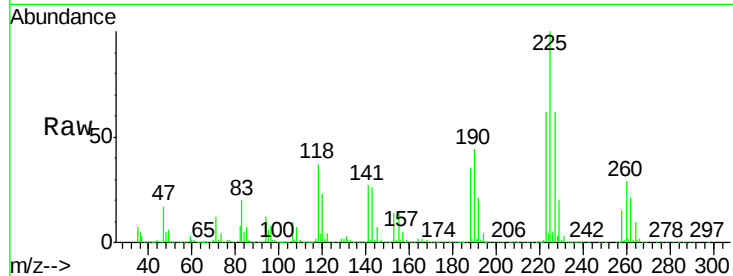
ClientSampleId :

996-MW-15-(17)MSD

Tot Ion:	225	Resp:	173891
Ion Ratio		Lower	Upper
225	100		
223	62.3	30.9	92.5
227	64.4	30.9	92.7

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#95

Naphthalene

Concen: 51.165 ug/l

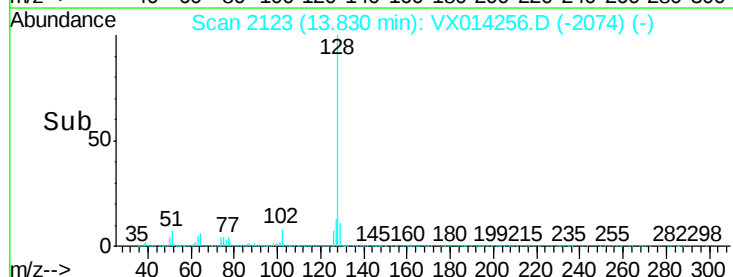
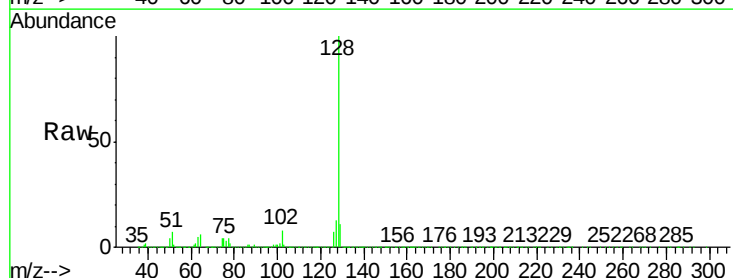
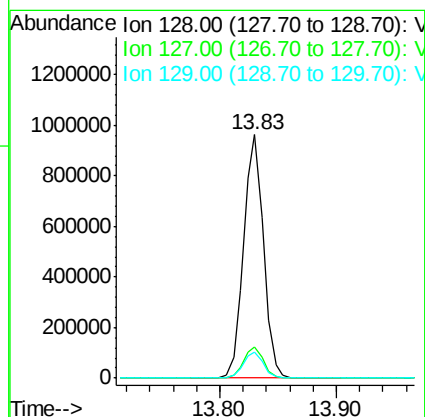
RT: 13.83 min Scan# 2123

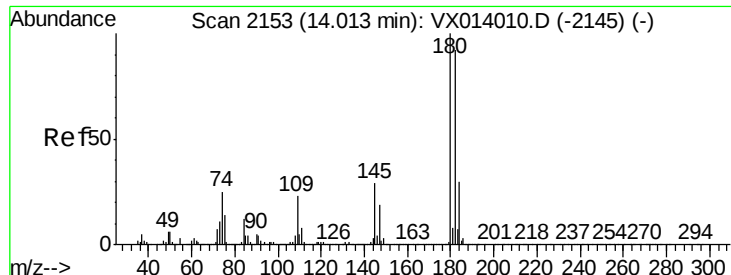
Delta R.T. 0.00 min

Lab File: VX014256.D

Acq: 24 Dec 2019 19:31

Tgt Ion:	128	Resp:	1147246
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.7	13.1





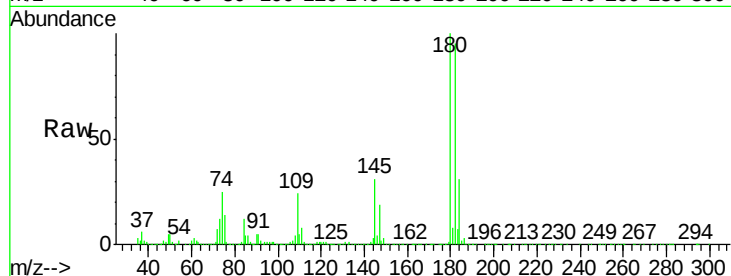
#96
 1,2,3-Trichlorobenzene
 Concen: 49.524 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014256.D
 Acq: 24 Dec 2019 19:31

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

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	46.8	140.3
145	29.6	14.8	44.4

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:50 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

