

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014135.D
 Acq On : 19 Dec 2019 20:54
 Operator : JC/SP
 Sample : K6372-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Manual Integrations
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 12/20/2019 10:24:39 AM

Quant Time: Dec 20 03:47:04 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	507969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	727584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	291834	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.48	113	247528	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	947807	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	350714	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209352	46.068	ug/l	100
3) Chloromethane	1.32	50	292214	47.914	ug/l	99
4) Vinyl Chloride	1.40	62	304773	47.360	ug/l	99
5) Bromomethane	1.63	94	191392	41.904	ug/l	100
6) Chloroethane	1.72	64	206178	51.911	ug/l	97
7) Trichlorofluoromethane	1.92	101	383423	48.131	ug/l	99
8) Diethyl Ether	2.18	74	178441	47.728	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	229943	47.885	ug/l	99
10) Methyl Iodide	2.50	142	320745	50.615	ug/l	99
11) Tert butyl alcohol	3.03	59	297881	239.457	ug/l	99
12) 1,1-Dichloroethene	2.37	96	238057	48.719	ug/l	97
13) Acrolein	2.28	56	211802	297.435	ug/l	91
14) Allyl chloride	2.72	41	444987	51.005	ug/l	98
15) Acrylonitrile	3.13	53	773408	266.367	ug/l	99
16) Acetone	2.43	43	639326	171.052	ug/l	98
17) Carbon Disulfide	2.56	76	645813	47.644	ug/l	100
18) Methyl Acetate	2.76	43	368215	49.717	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	834587	51.978	ug/l #	77
20) Methylene Chloride	2.85	84	275068	46.735	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	261086	48.500	ug/l	98
22) Diisopropyl ether	3.84	45	896659	51.575	ug/l	98
23) Vinyl Acetate	3.80	43	3749265	264.263	ug/l	100
24) 1,1-Dichloroethane	3.69	63	479338	49.556	ug/l	99
25) 2-Butanone	4.65	43	1047213	227.258	ug/l	99
26) 2,2-Dichloropropane	4.58	77	334603	44.554	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	303822	49.904	ug/l	98
28) Bromochloromethane	5.00	49	199287	53.540	ug/l	97
29) Tetrahydrofuran	5.11	42	684422	265.548	ug/l	99
30) Chloroform	5.20	83	480288	52.379	ug/l	97
31) Cyclohexane	5.57	56	529568	61.557	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	383801	49.112	ug/l	100
36) 1,1-Dichloropropene	5.79	75	346748	47.206	ug/l	100
37) Ethyl Acetate	4.82	43	407988	50.298	ug/l	100
38) Carbon Tetrachloride	5.78	117	326982	48.865	ug/l	97

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 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)
39) Methylcyclohexane	7.46	83	553061	60.978	ug/l	97
40) Benzene	6.14	78	2316136	102.480	ug/l	100
41) Methacrylonitrile	5.03	41	236413	52.529	ug/l	97
42) 1,2-Dichloroethane	6.19	62	382992	49.991	ug/l	99
43) Isopropyl Acetate	6.43	43	699774	52.129	ug/l	97
44) Trichloroethene	7.20	130	292403	46.840	ug/l	100
45) 1,2-Dichloropropane	7.51	63	290728	50.188	ug/l	98
46) Dibromomethane	7.65	93	184300	48.121	ug/l	96
47) Bromodichloromethane	7.89	83	350140	48.542	ug/l	100
48) Methyl methacrylate	7.76	41	355681	54.110	ug/l	95
49) 1,4-Dioxane	7.73	88	123271	921.519	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2176209	258.135	ug/l	99
52) Toluene	8.78	92	984152	68.892	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	397541	50.263	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	444499	50.446	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	269661	47.099	ug/l	99
56) Ethyl methacrylate	9.17	69	484622	53.885	ug/l	97
57) 1,3-Dichloropropane	9.37	76	470881	48.882	ug/l	100
59) 2-Hexanone	9.49	43	1630797	240.298	ug/l	100
60) Dibromochloromethane	9.57	129	291583	51.235	ug/l	100
61) 1,2-Dibromoethane	9.67	107	292748	49.974	ug/l	100
64) Tetrachloroethene	9.33	164	260422	40.449	ug/l	97
65) Chlorobenzene	10.14	112	733344	47.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	268840	48.670	ug/l	100
67) Ethyl Benzene	10.25	91	9113271	342.644	ug/l	93
68) m/p-Xylenes	10.36	106	3284144	321.045	ug/l	97
69) o-Xylene	10.70	106	897468	89.455	ug/l	99
70) Styrene	10.71	104	852396	50.244	ug/l	92
71) Bromoform	10.85	173	222472	50.105	ug/l #	99
73) Isopropylbenzene	11.01	105	1785038	69.311	ug/l	100
74) N-amyl acetate	10.89	43	603160	49.963	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	440825	49.371	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	404240m	50.904	ug/l	
77) Bromobenzene	11.25	156	327766	46.256	ug/l	99
78) n-propylbenzene	11.35	91	2793260	96.693	ug/l	99
79) 2-Chlorotoluene	11.42	91	875086	49.833	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1418277	65.434	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	139519	49.589	ug/l	98
82) 4-Chlorotoluene	11.51	91	1017546	49.955	ug/l	97
83) tert-Butylbenzene	11.76	119	1096044	51.962	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	8159958	375.929	ug/l	94
85) sec-Butylbenzene	11.94	105	1400323	56.235	ug/l	95
86) p-Isopropyltoluene	12.06	119	1235472	54.240	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	576697	46.437	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	580259	45.952	ug/l	99
89) n-Butylbenzene	12.39	91	1310358	67.420	ug/l #	85
90) Hexachloroethane	12.59	117	317119	77.511	ug/l	66
91) 1,2-Dichlorobenzene	12.39	146	573987	45.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	114351	57.873	ug/l	84
93) 1,2,4-Trichlorobenzene	13.64	180	407365	50.134	ug/l	95

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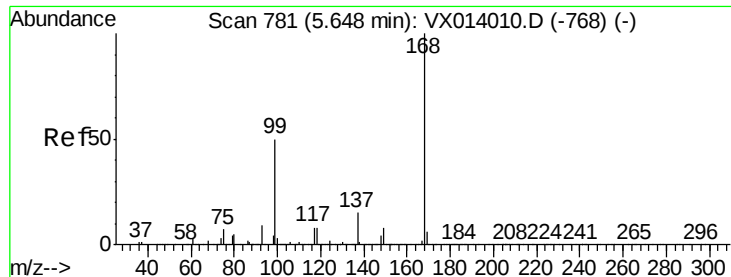
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	184011	47.121	ug/l	97
95) Naphthalene	13.83	128	3819575	159.995	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	410533	51.182	ug/l	95

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



#1

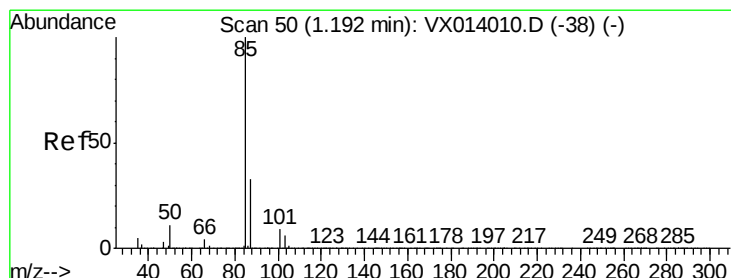
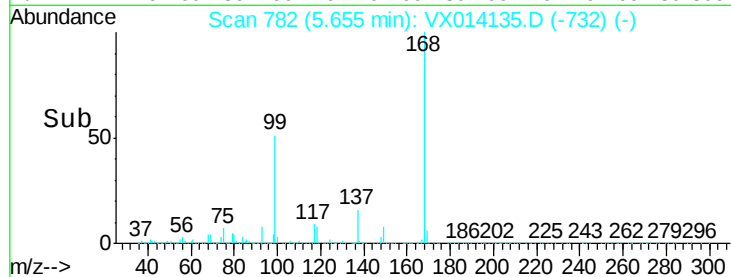
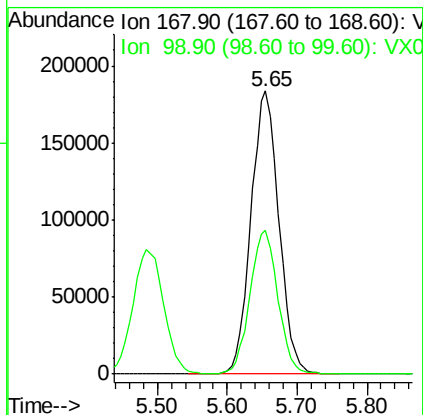
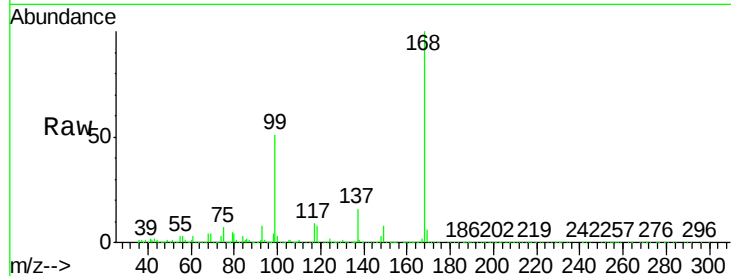
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	507969		
99	50.9		40.3	60.5

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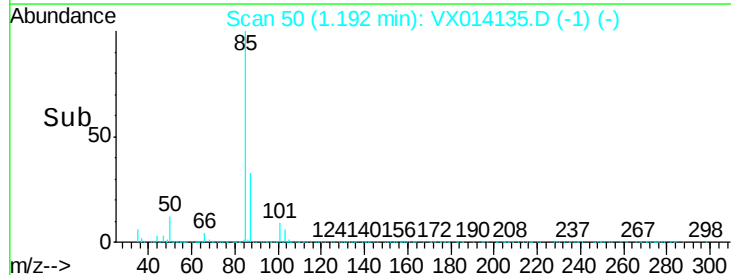
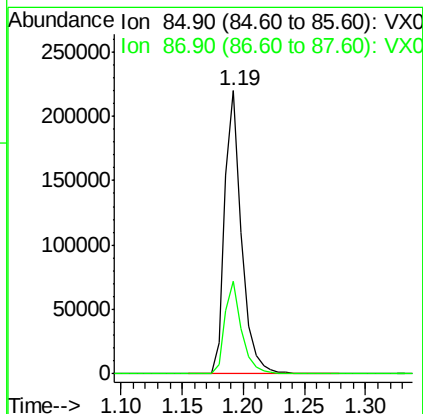
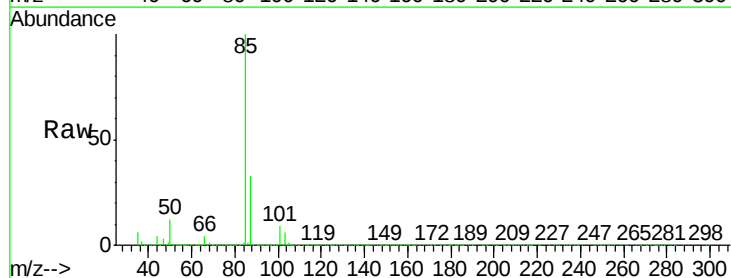
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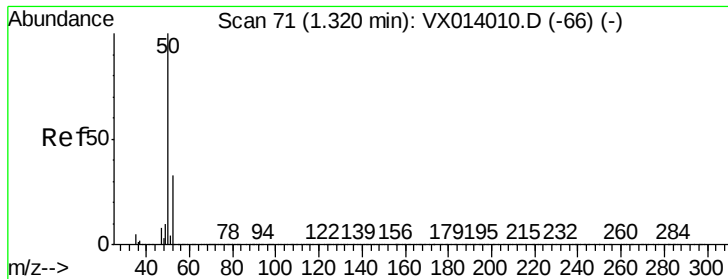


#2

Dichlorodifluoromethane
 Concen: 46.068 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	209352		
87	32.7		16.4	49.2





#3

Chloromethane

Concen: 47.914 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 50 Resp: 292214

Ion Ratio Lower Upper

50 100

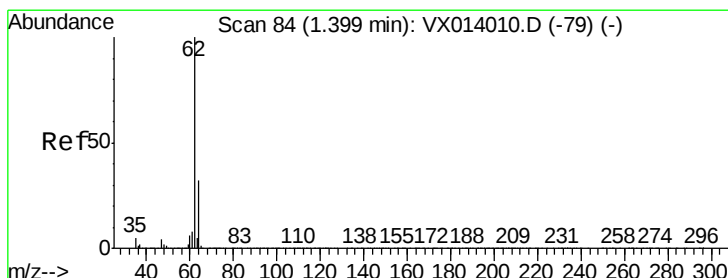
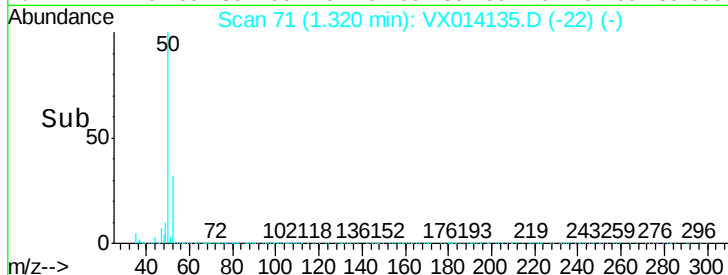
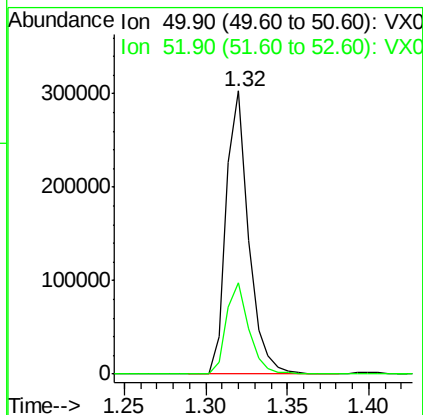
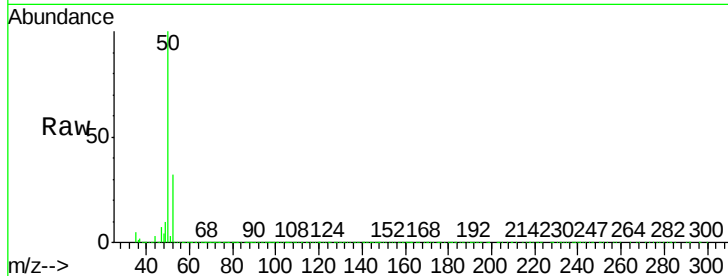
52 32.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.360 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014135.D

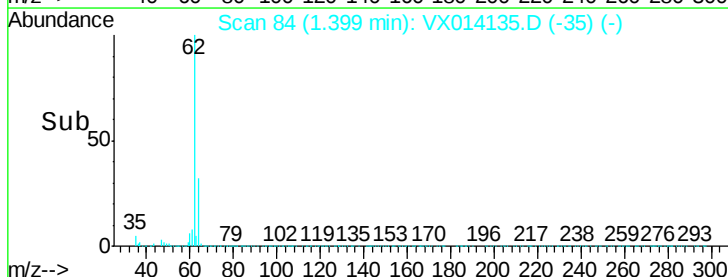
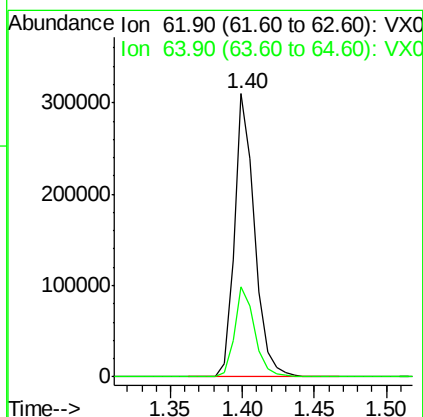
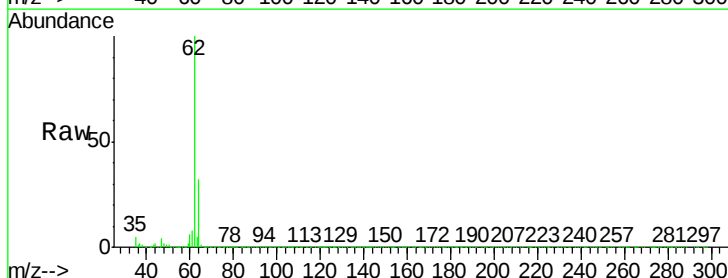
Acq: 19 Dec 2019 20:54

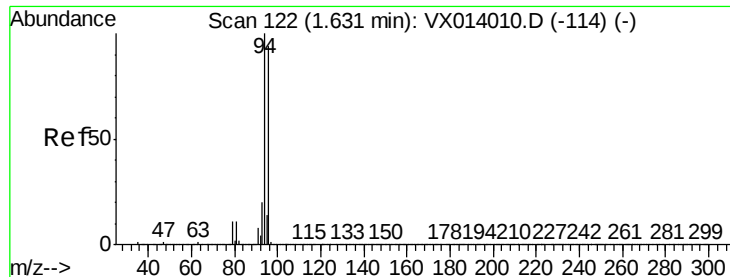
Tgt Ion: 62 Resp: 304773

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 41.904 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 94 Resp: 191392

Ion Ratio Lower Upper

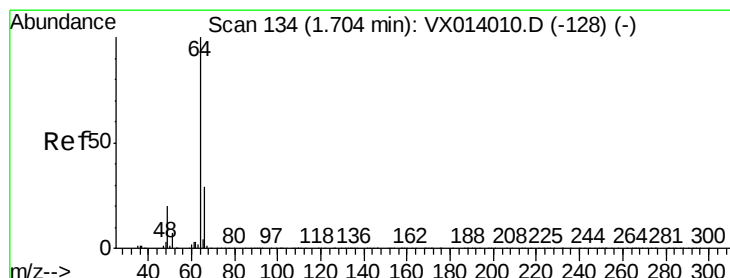
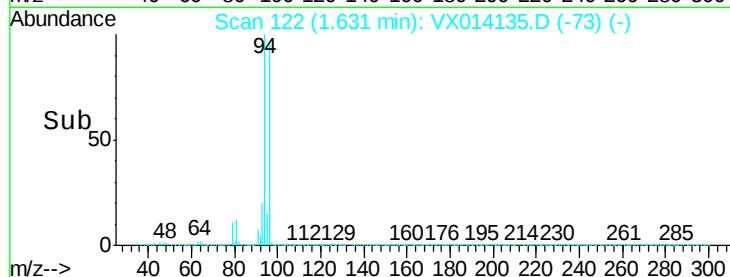
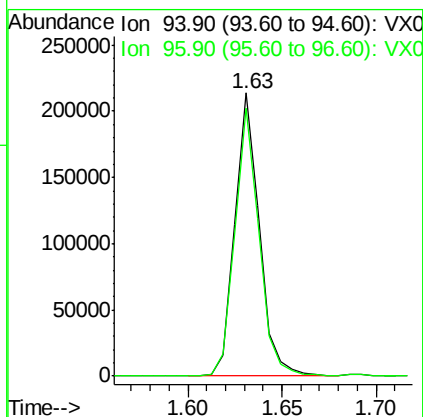
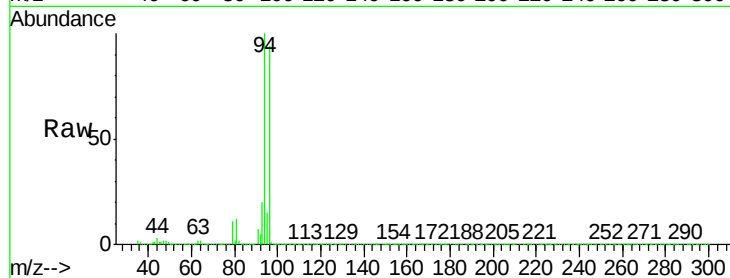
94 100

96 94.4 75.2 112.8

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#6

Chloroethane

Concen: 51.911 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014135.D

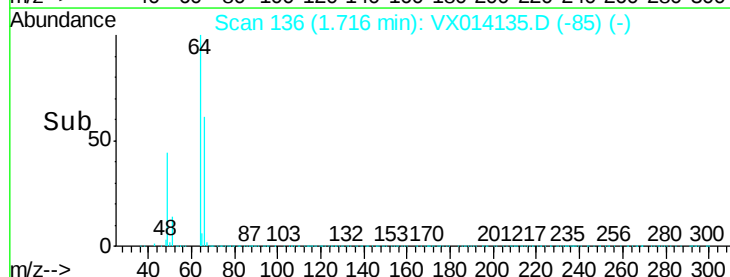
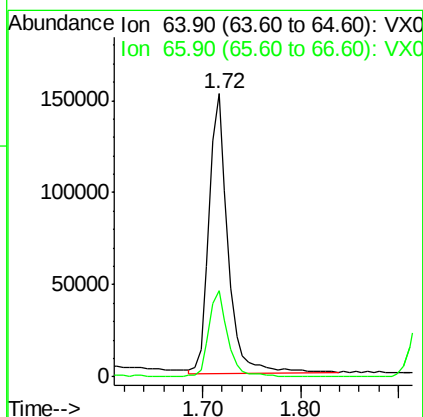
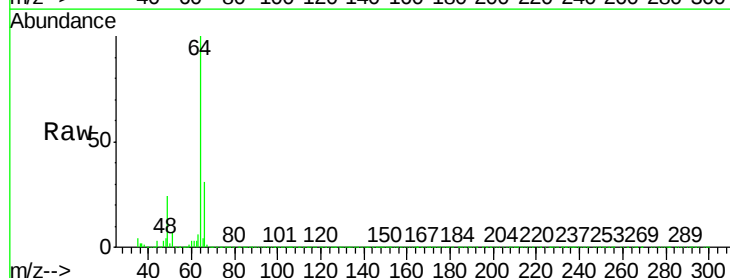
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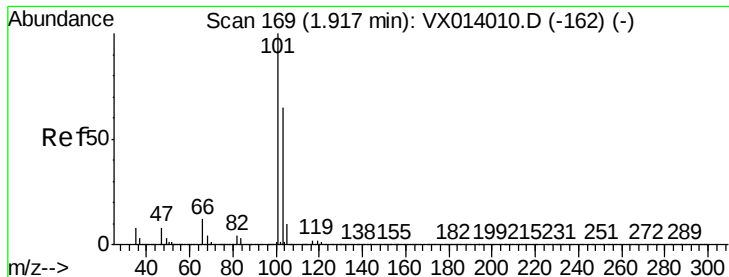
Tgt Ion: 64 Resp: 206178

Ion Ratio Lower Upper

64 100

66 31.0 23.4 35.2





#7

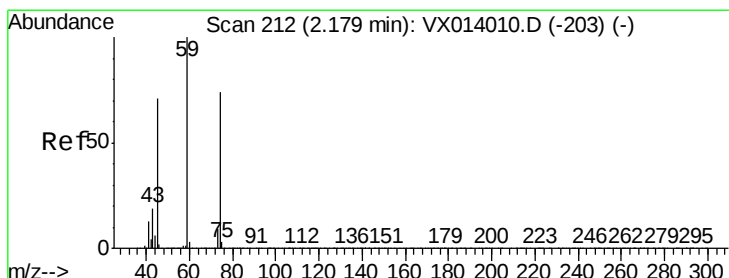
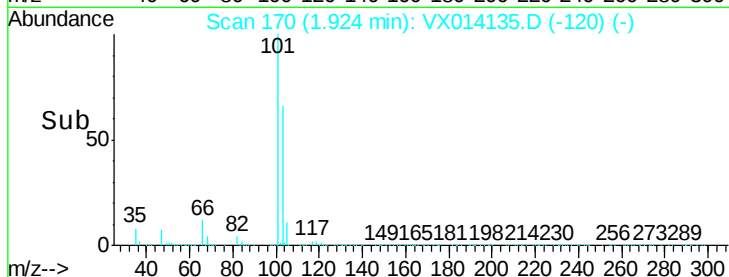
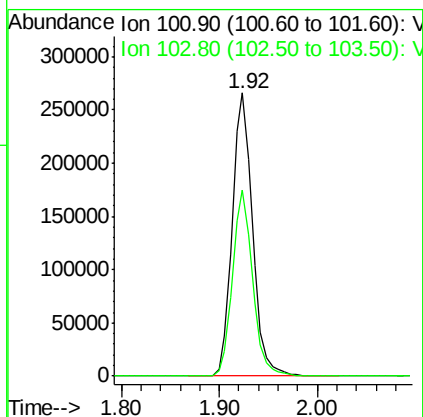
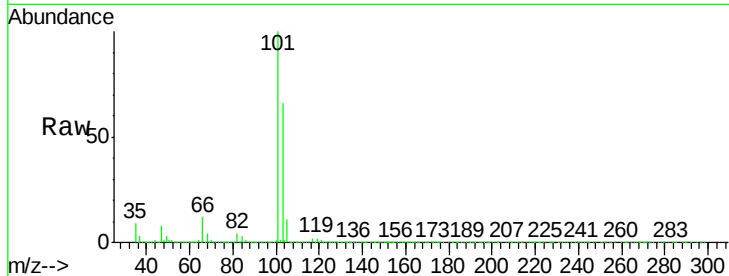
Trichlorofluoromethane
Concen: 48.131 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	383423		
103	103	65.8	52.2	78.4	

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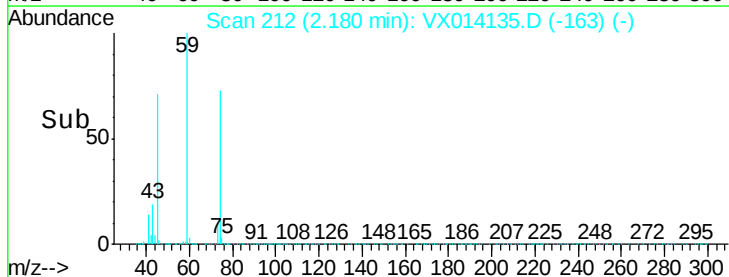
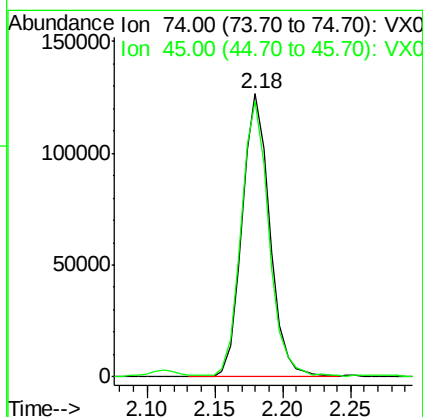
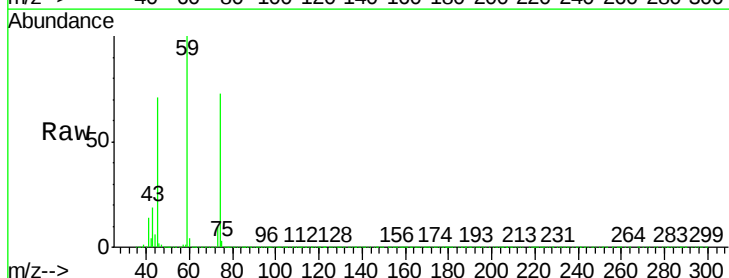
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#8

Diethyl Ether
Concen: 47.728 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	74	100	178441		
45	45	97.8	48.1	144.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.885 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

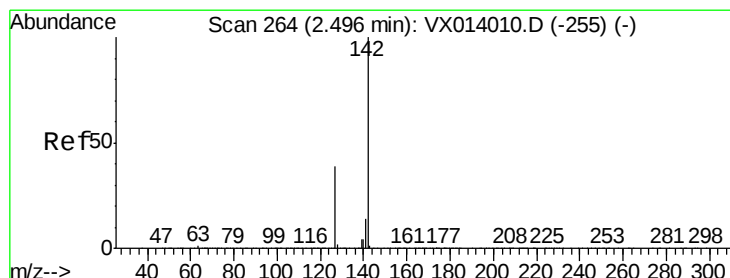
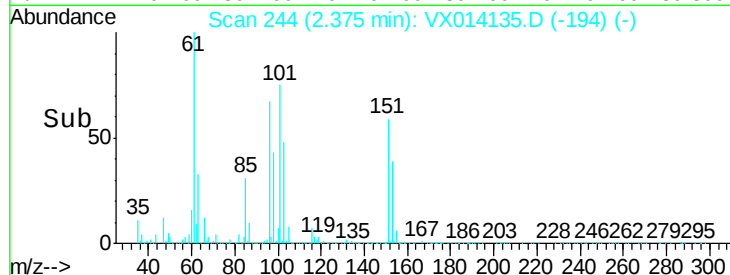
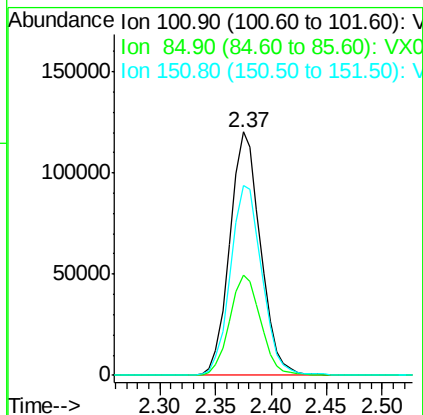
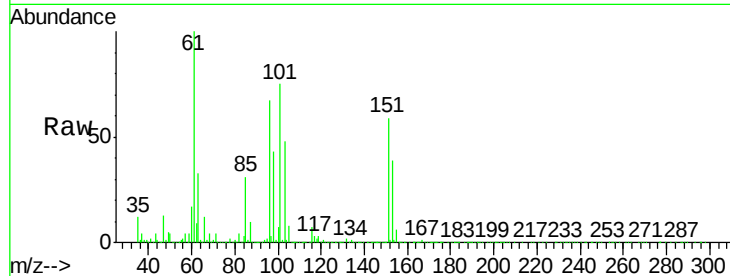
ClientSampleId :

MW-3MSD

Tot Ion:	101	Resp:	229943
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.7	50.5
151	80.1	64.5	96.7

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#10

Methyl Iodide

Concen: 50.615 ug/l

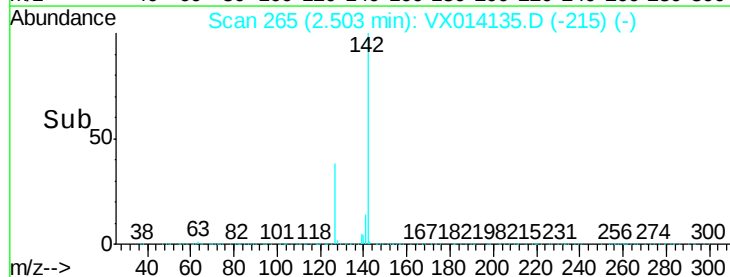
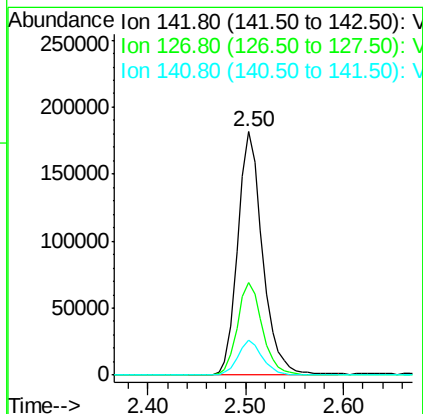
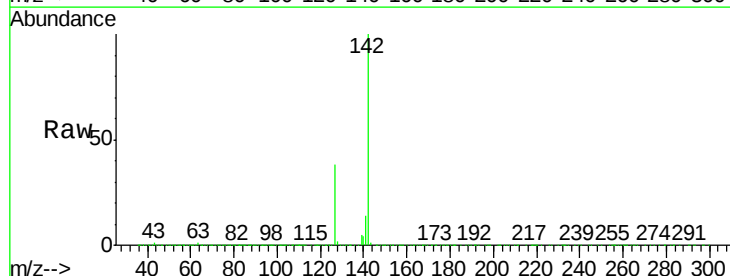
RT: 2.50 min Scan# 265

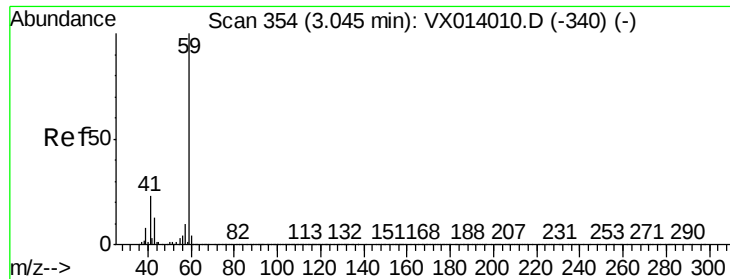
Delta R.T. 0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	142	Resp:	320745
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.6	47.4
141	14.3	11.6	17.4





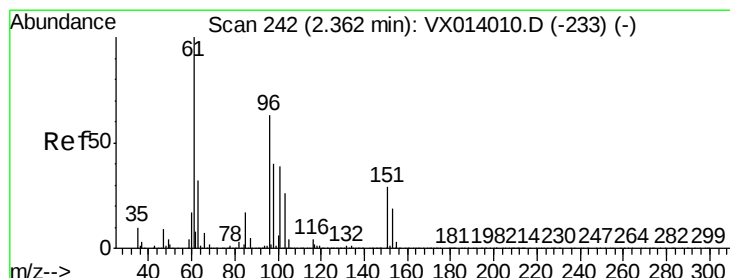
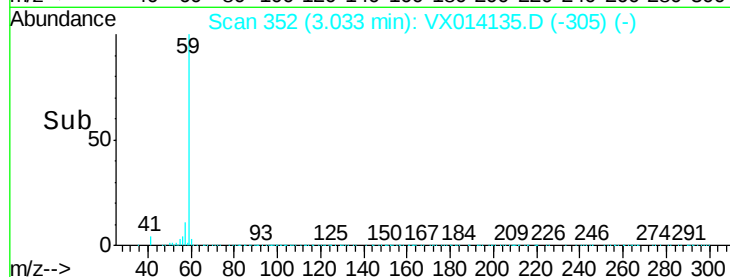
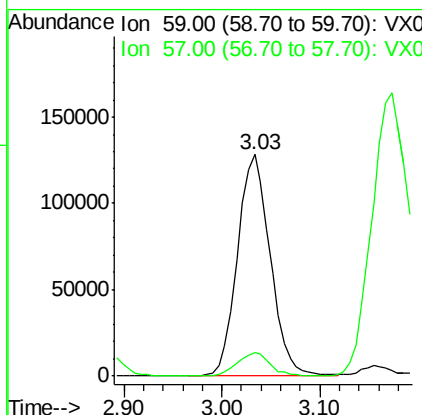
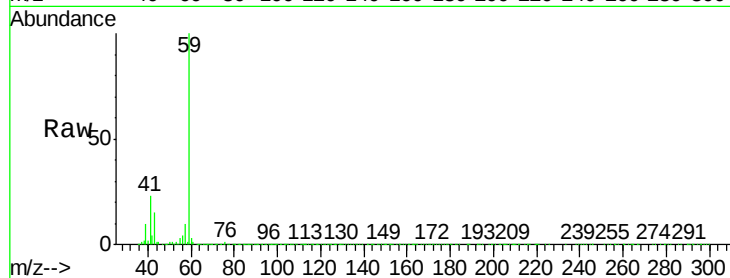
#11
Tert butyl alcohol
Concen: 239.457 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampled :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

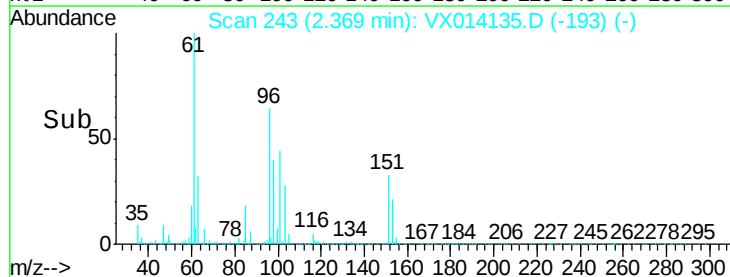
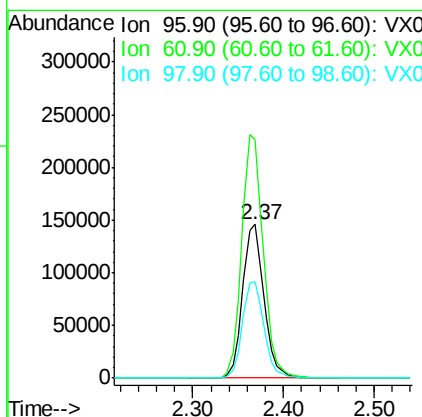
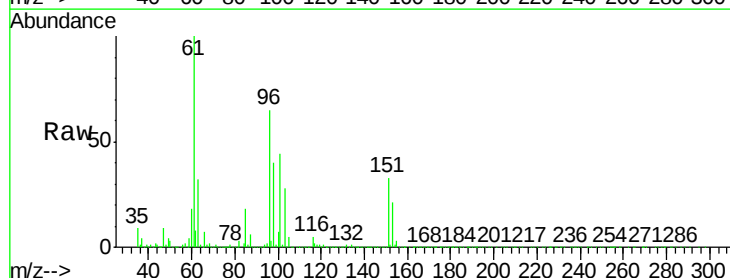
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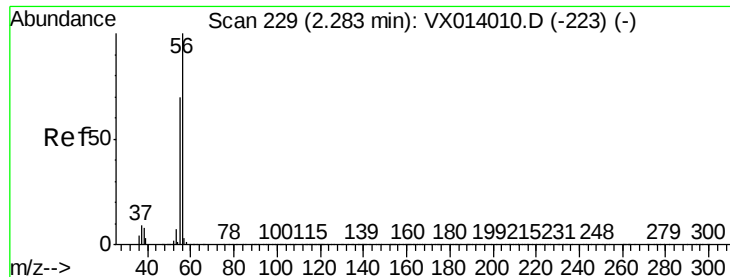
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#12
1,1-Dichloroethene
Concen: 48.719 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	127.9	191.9
98	62.7	50.5	75.7





#13

Acrolein

Concen: 297.435 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 56 Resp: 211802

Ion Ratio Lower Upper

56 100

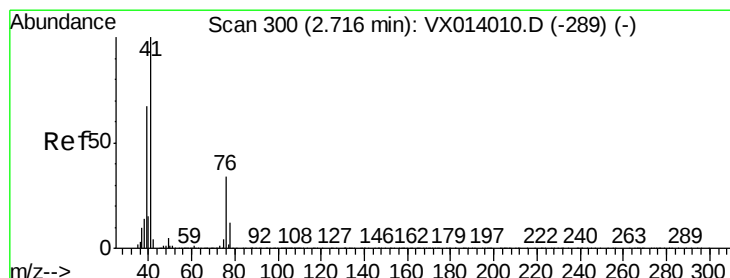
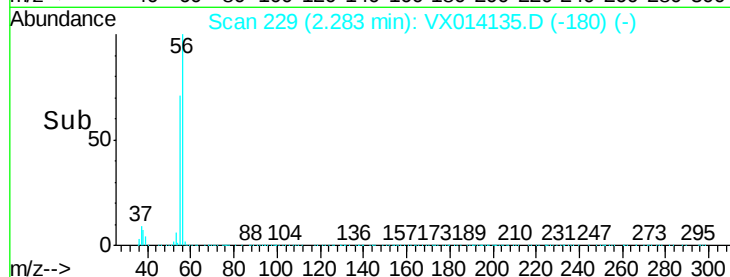
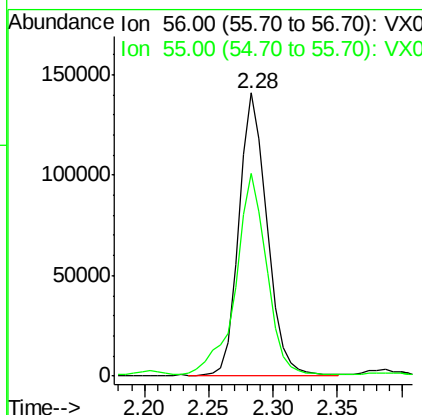
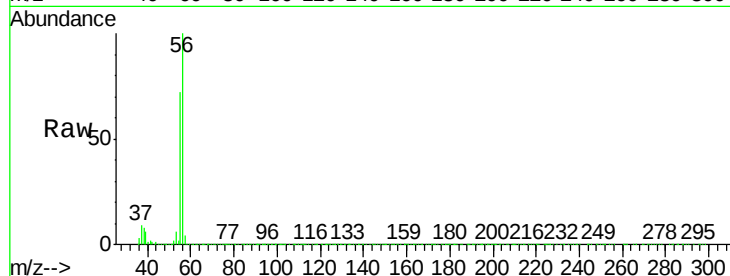
55 78.7 56.9 85.3

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#14

Allyl chloride

Concen: 51.005 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

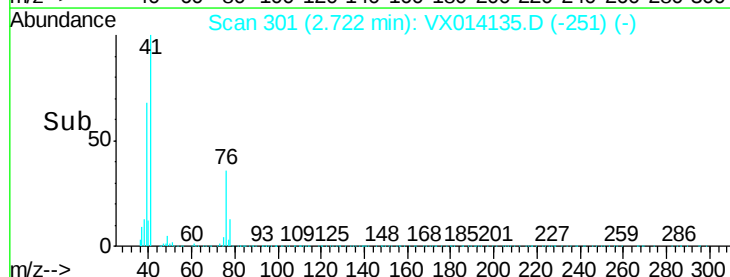
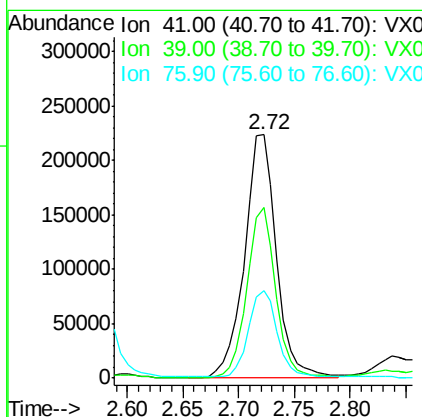
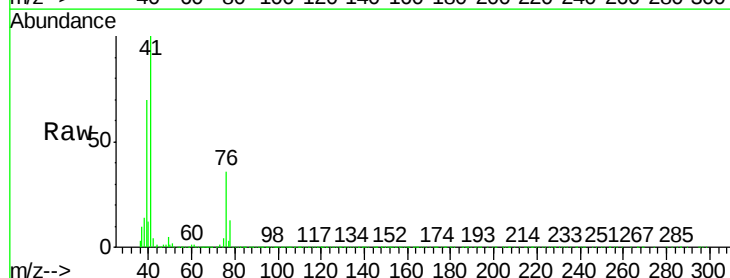
Tgt Ion: 41 Resp: 444987

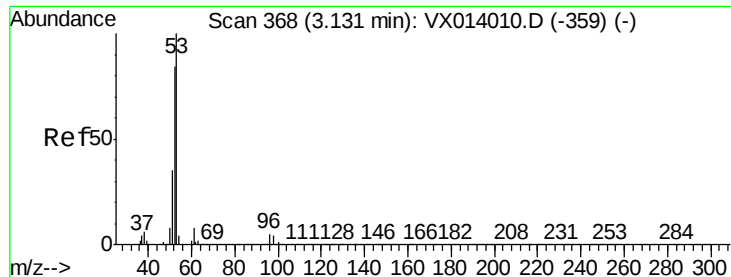
Ion Ratio Lower Upper

41 100

39 63.0 51.8 77.8

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 266.367 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

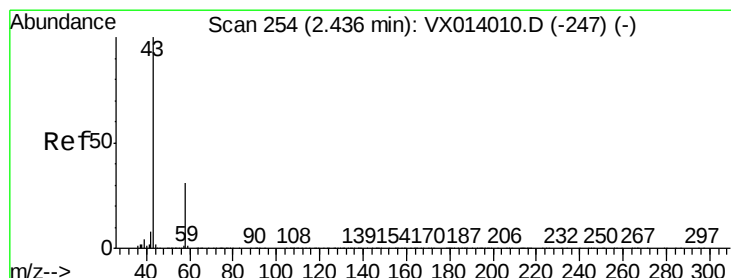
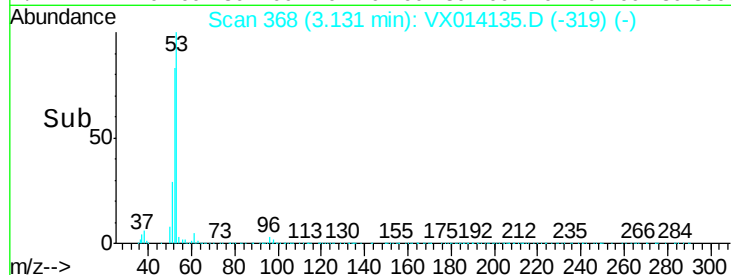
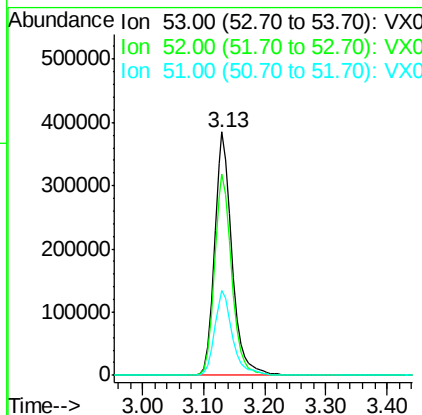
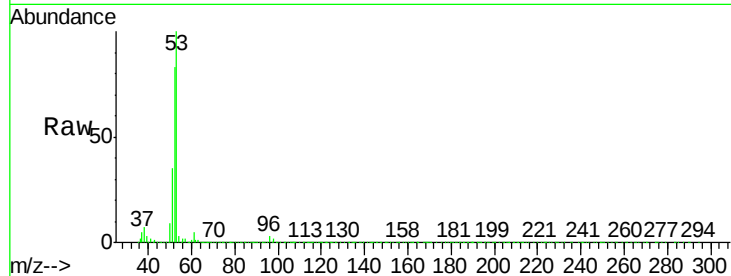
ClientSampleId :

MW-3MSD

Tot Ion:	53	Resp:	773408
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	35.7	28.1	42.1

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#16

Acetone

Concen: 171.052 ug/l

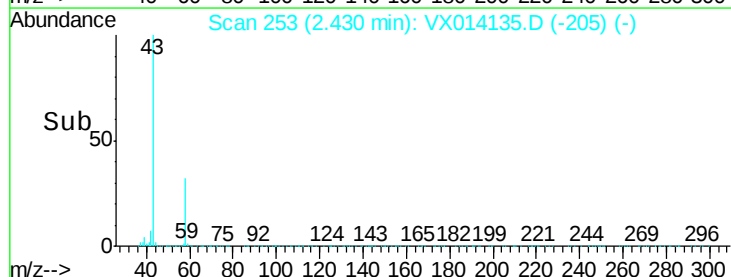
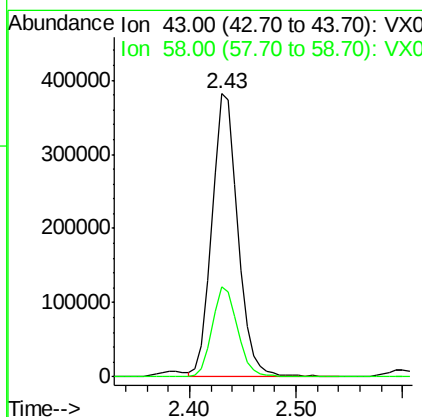
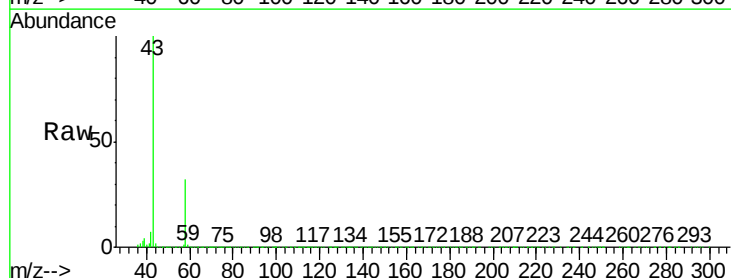
RT: 2.43 min Scan# 253

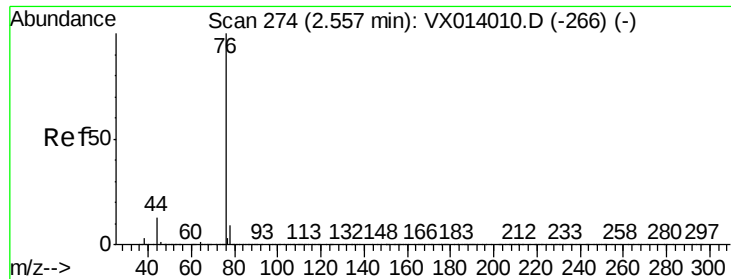
Delta R.T. -0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	43	Resp:	639326
Ion Ratio	Lower	Upper	
43	100		
58	32.0	24.9	37.3





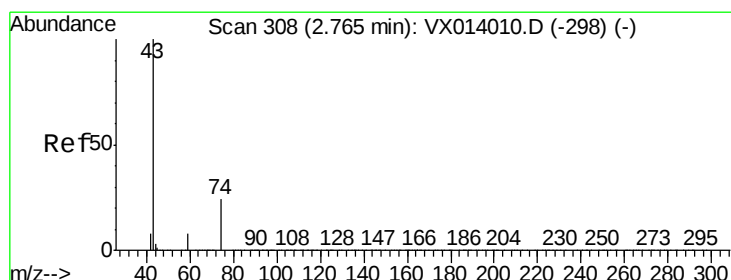
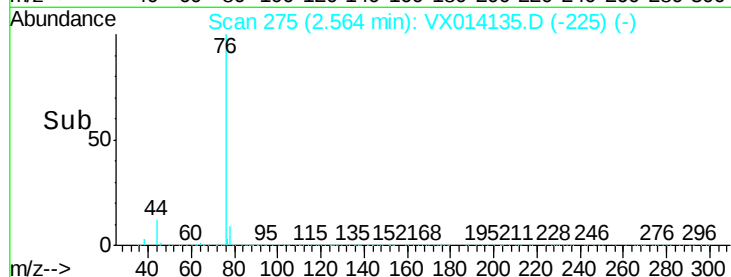
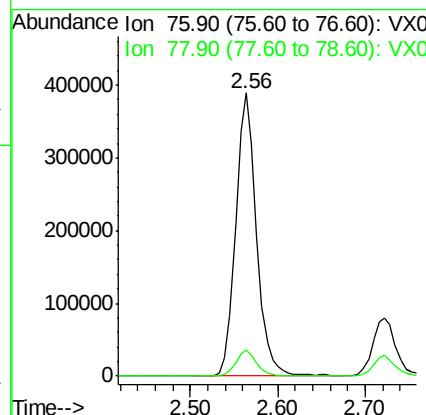
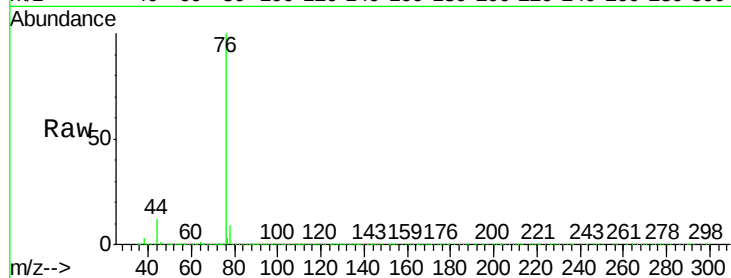
#17
Carbon Disulfide
Concen: 47.644 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

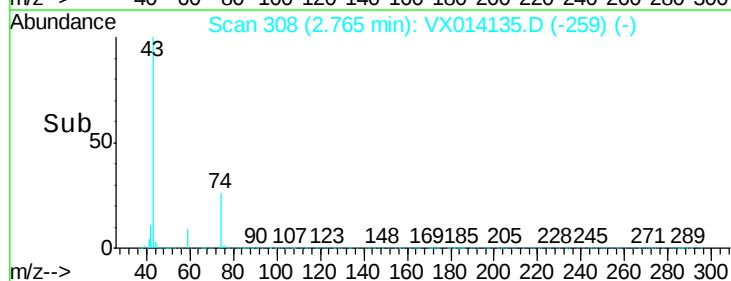
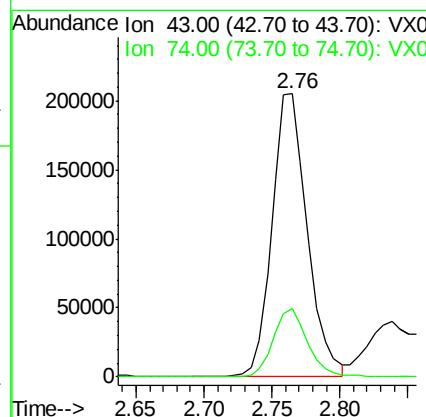
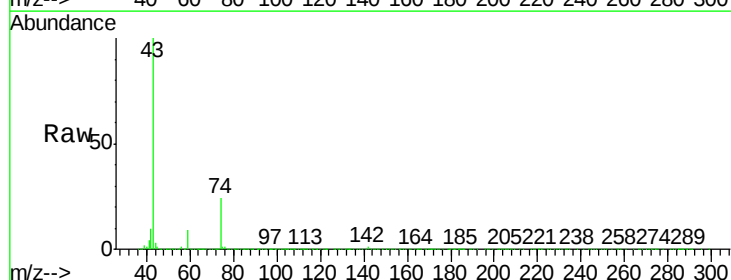
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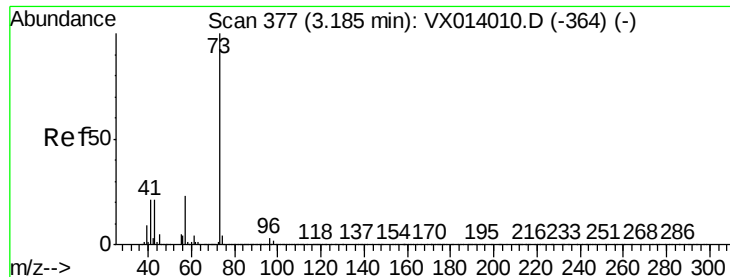
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#18
Methyl Acetate
Concen: 49.717 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.5	29.3





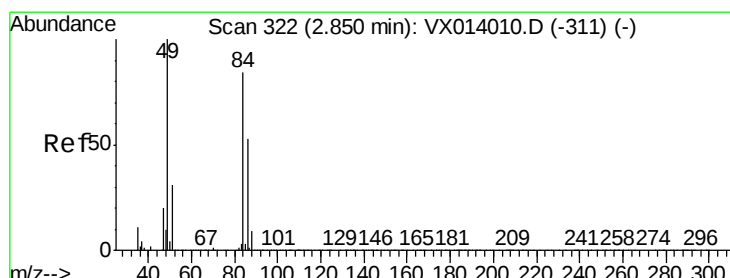
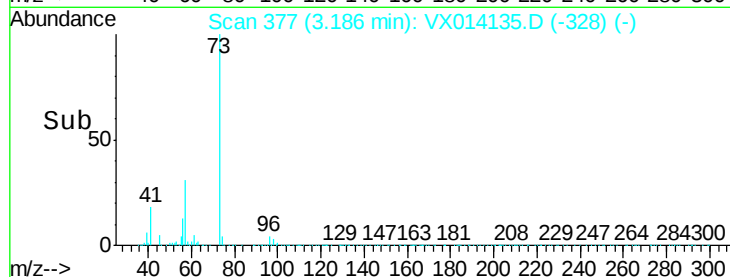
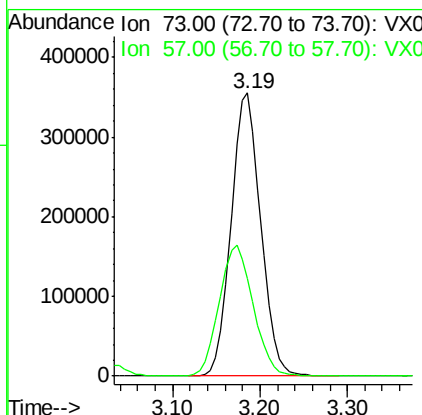
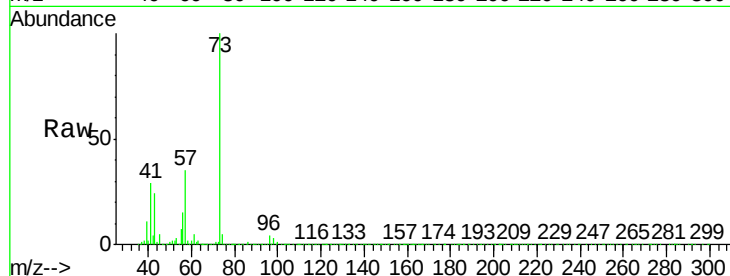
#19
Methyl tert-butyl Ether
Concen: 51.978 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	34.7	18.8	28.2

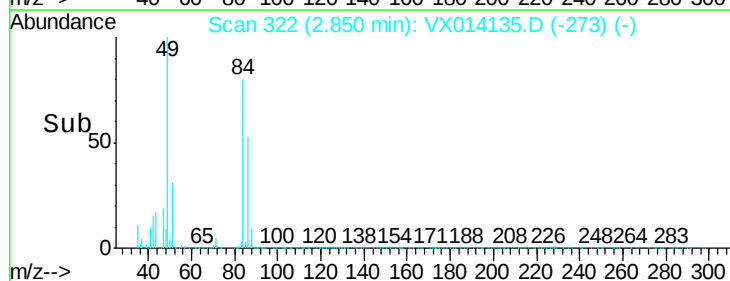
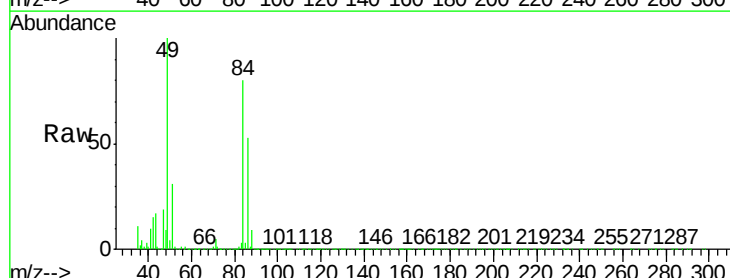
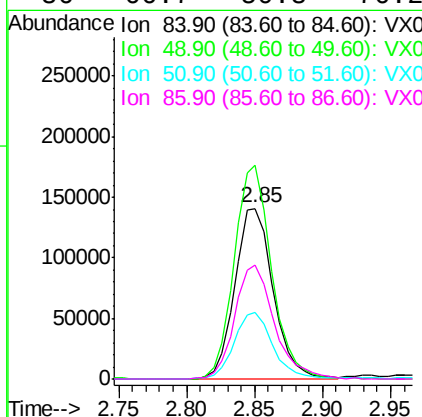
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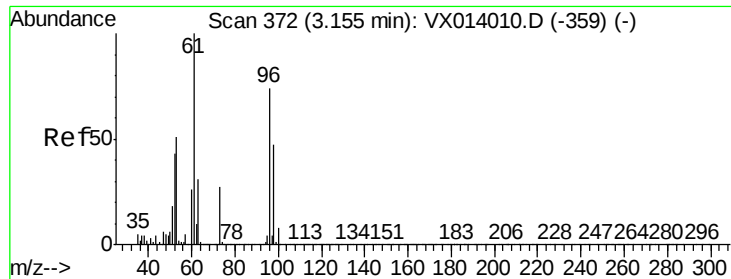
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#20
Methylene Chloride
Concen: 46.735 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.5	95.8	143.6
51	38.9	29.8	44.8
86	66.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.500 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

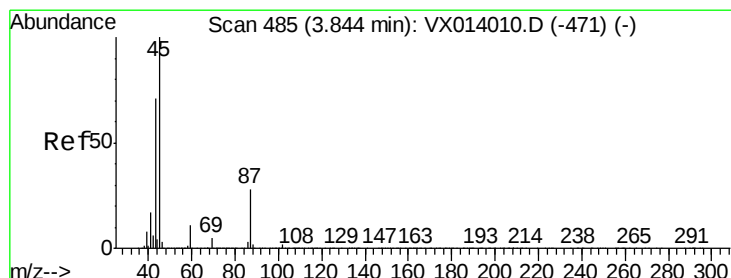
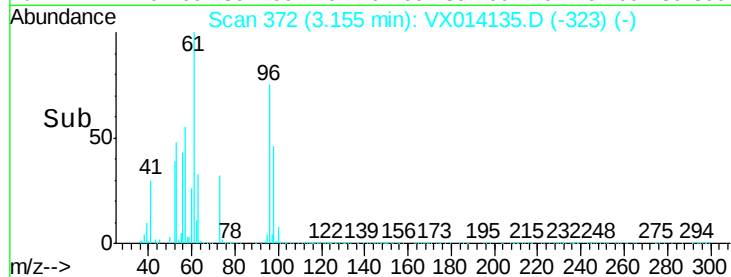
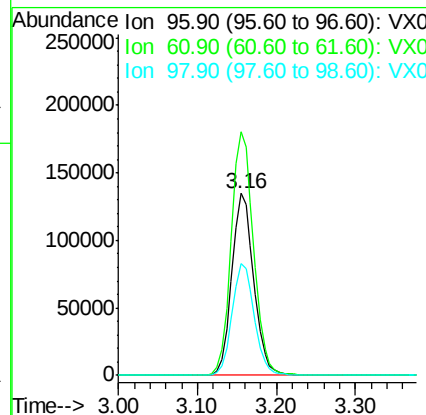
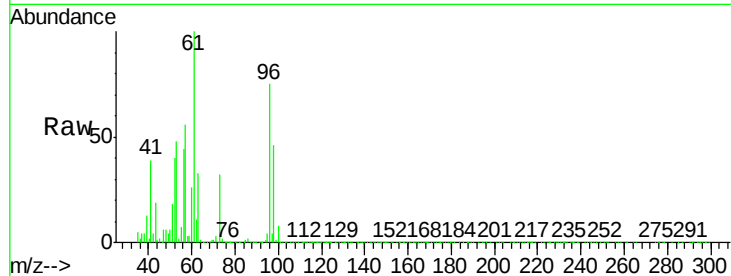
ClientSampleId :

MW-3MSD

Tot Ion:	96	Resp:	261086
Ion Ratio	Lower	Upper	
96	100		
61	133.7	108.3	162.5
98	61.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 51.575 ug/l

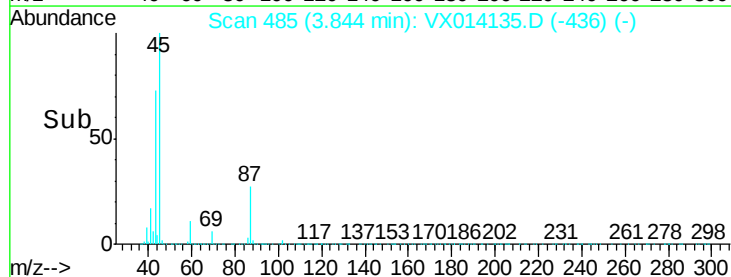
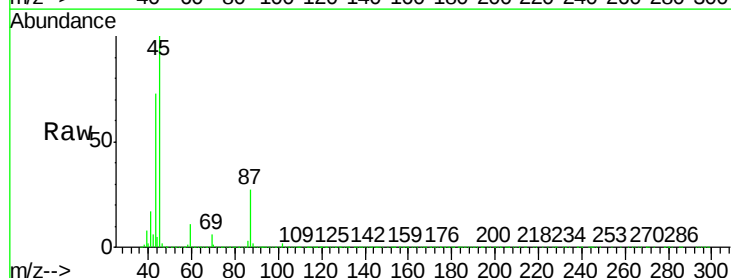
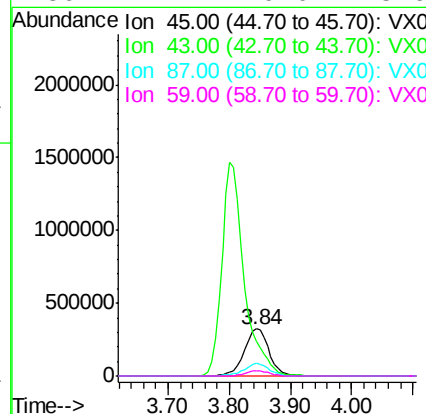
RT: 3.84 min Scan# 485

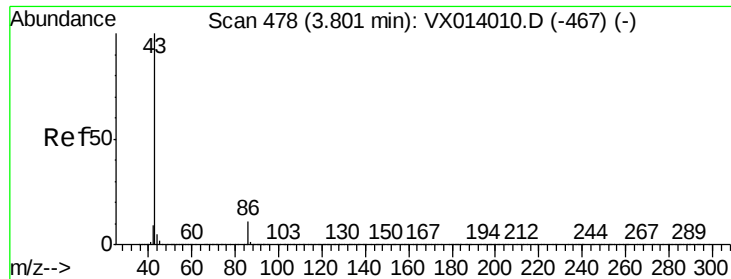
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	45	Resp:	896659
Ion Ratio	Lower	Upper	
45	100		
43	73.3	57.4	86.0
87	26.8	21.9	32.9
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 264.263 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 43 Resp: 3749265

Ion Ratio Lower Upper

43 100

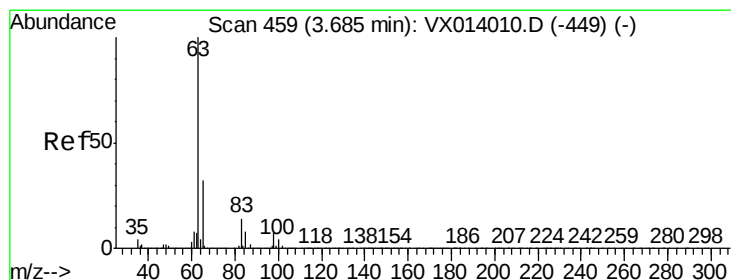
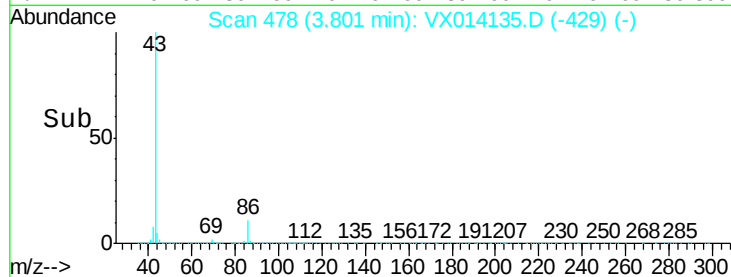
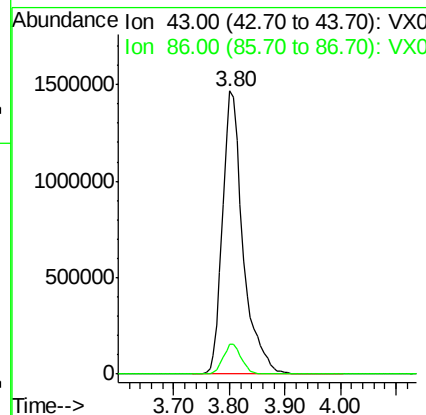
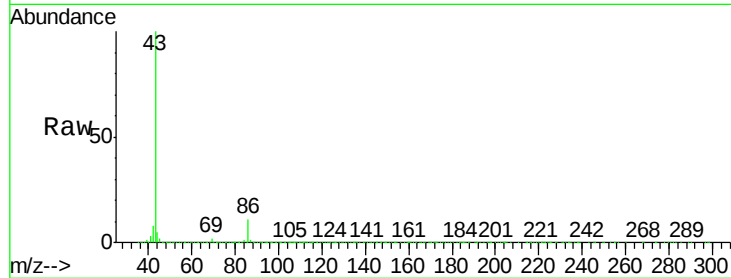
86 10.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.556 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

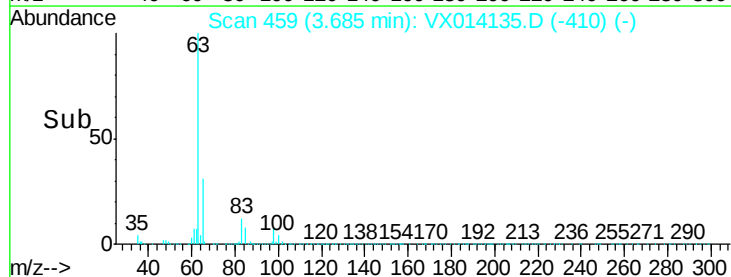
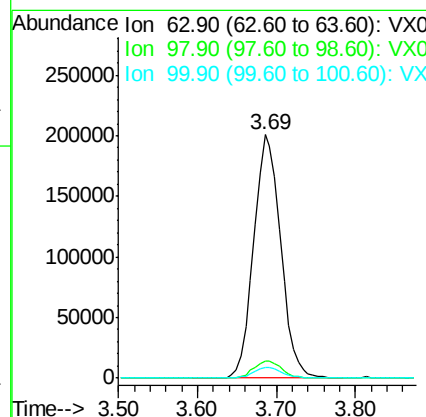
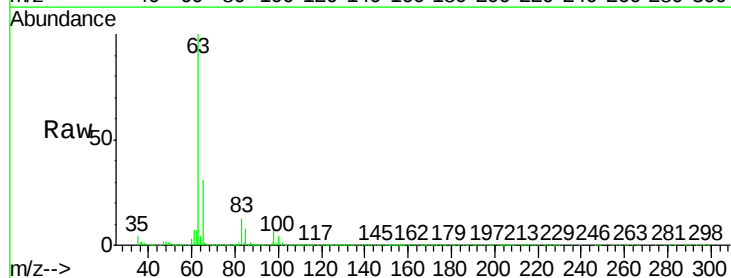
Tgt Ion: 63 Resp: 479338

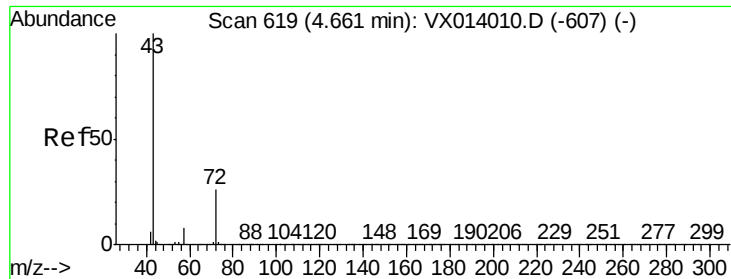
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 227.258 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tot Ion: 43 Resp: 1047213

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

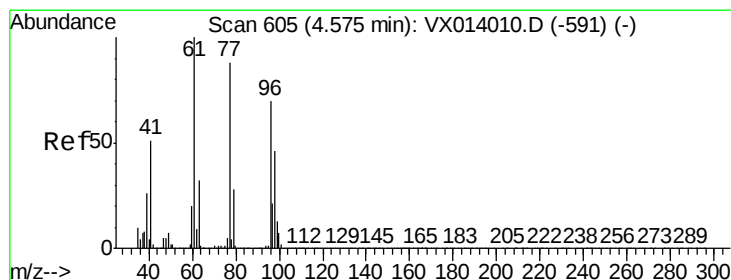
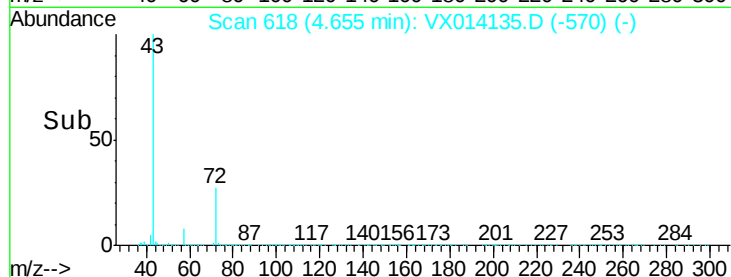
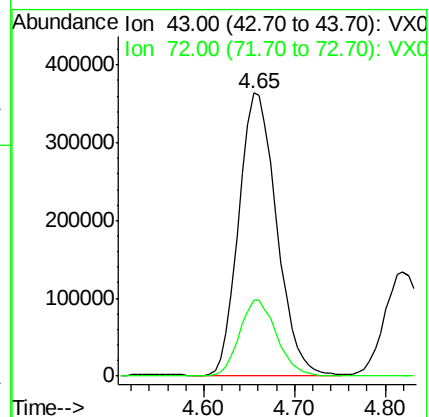
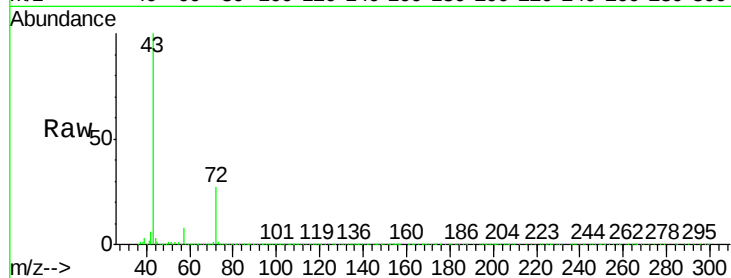
MW-3MSD

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#26

2,2-Dichloropropane

Concen: 44.554 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014135.D

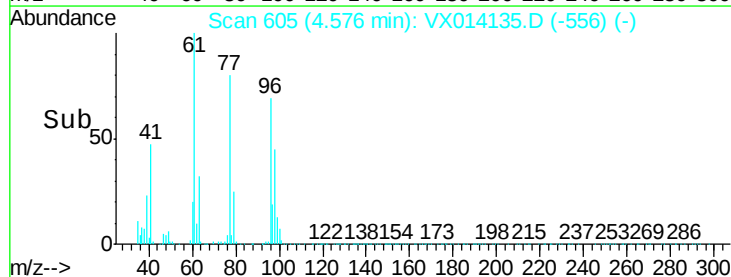
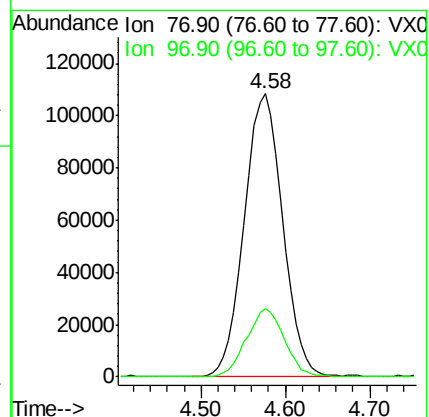
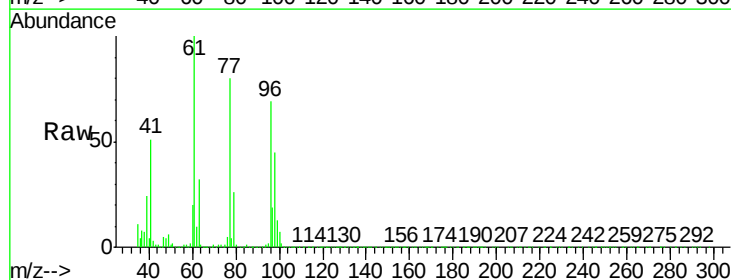
Acq: 19 Dec 2019 20:54

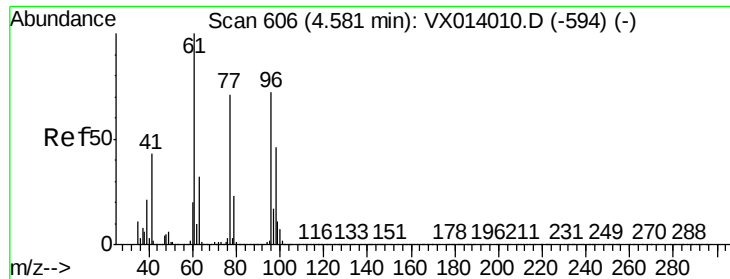
Tgt Ion: 77 Resp: 334603

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9





#27

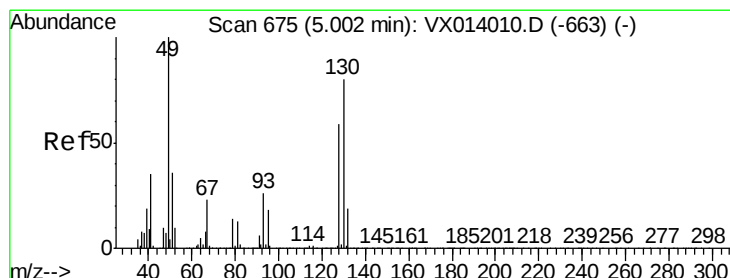
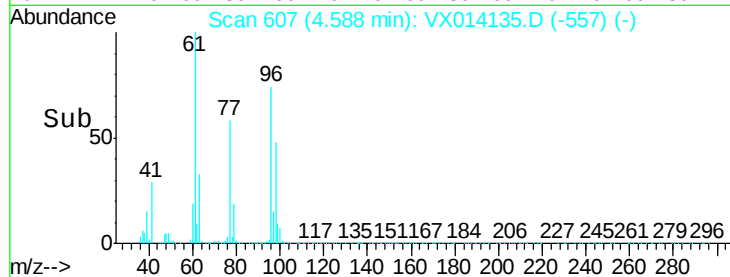
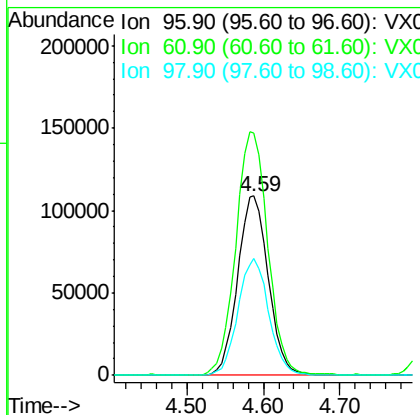
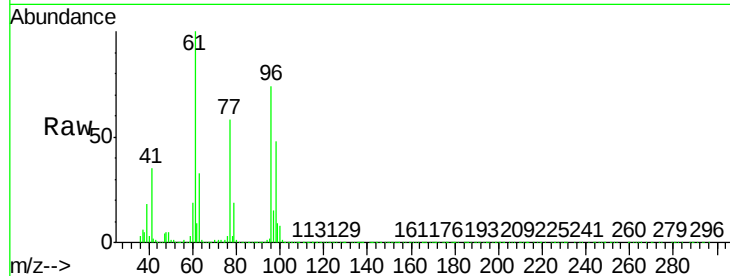
cis-1,2-Dichloroethene
Concen: 49.904 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	303822		
61	141.0	0.0	288.4	
98	64.9	0.0	129.6	

Manual Integrations
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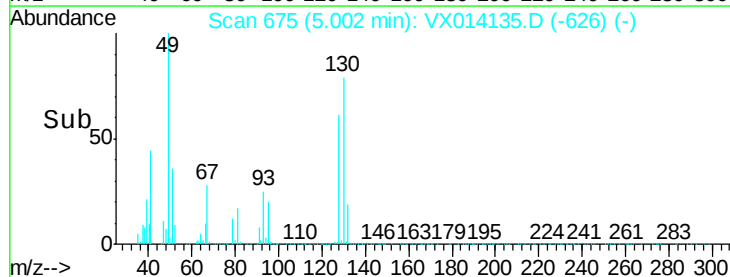
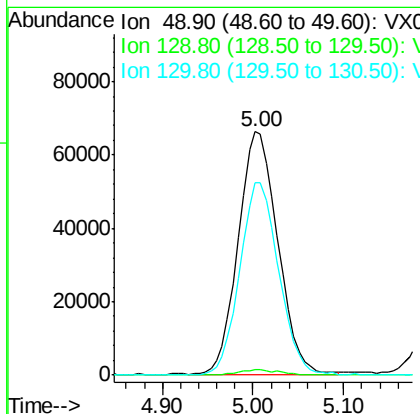
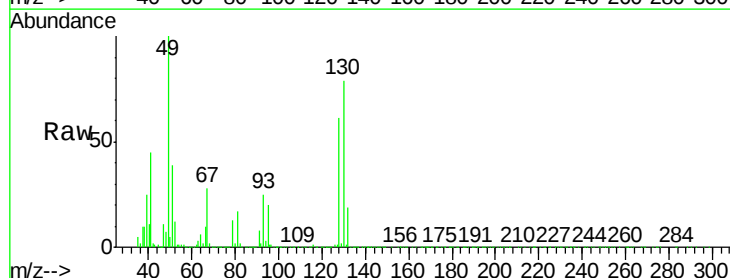
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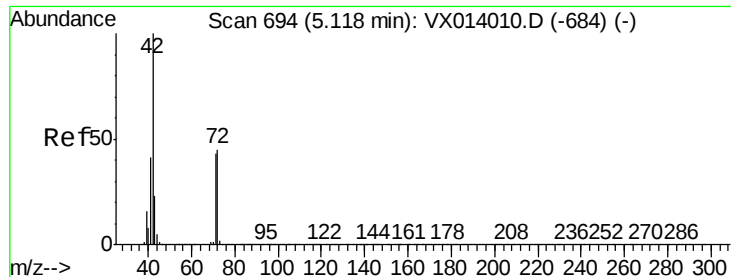


#28

Bromochloromethane
Concen: 53.540 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	199287		
129	2.5	0.0	5.0	
130	78.3	64.6	97.0	





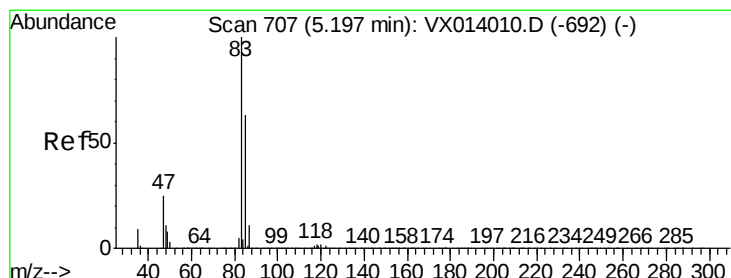
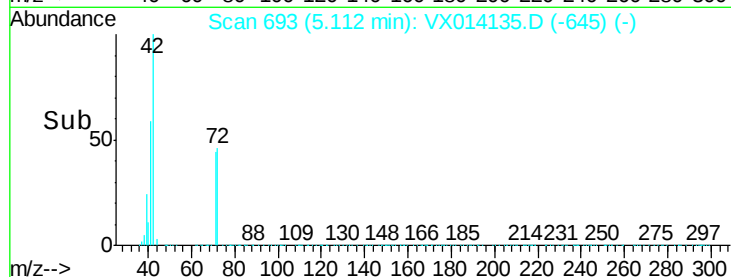
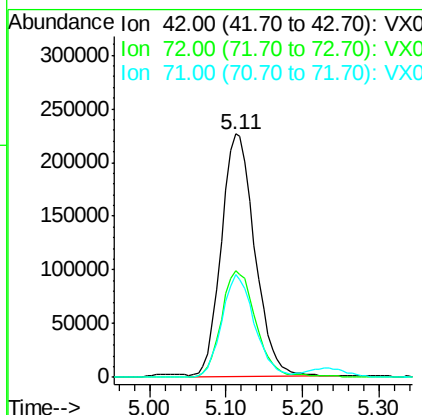
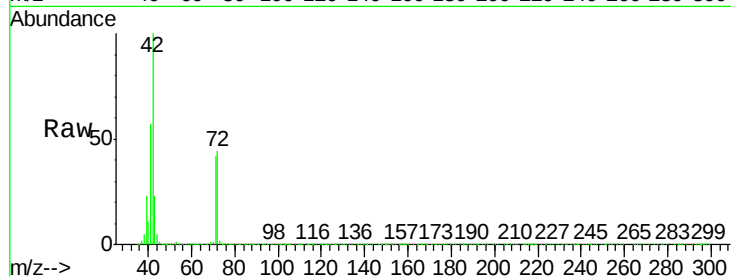
#29
Tetrahydrofuran
Concen: 265.548 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.8	53.8
71	41.2	33.6	50.4

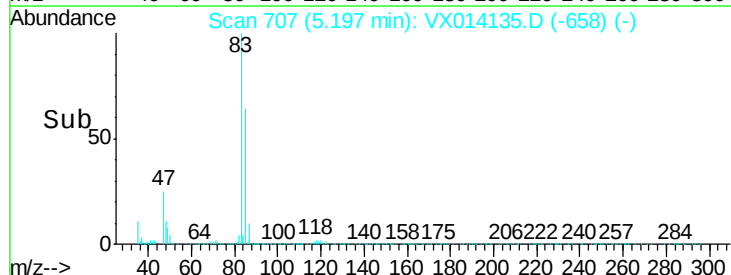
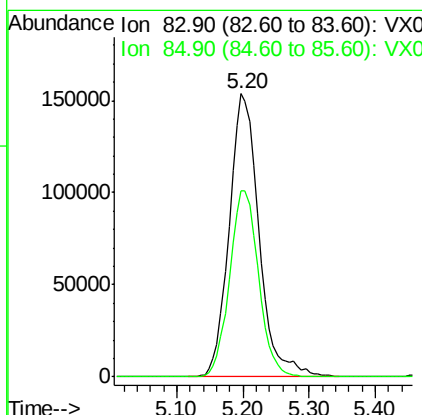
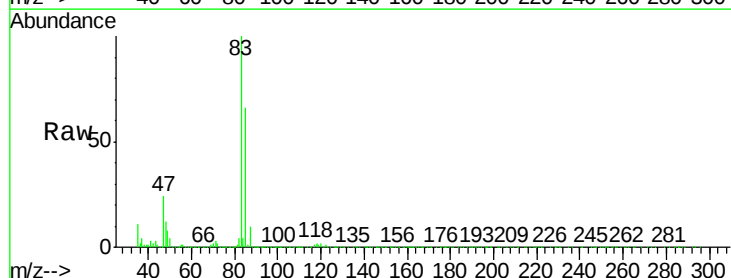
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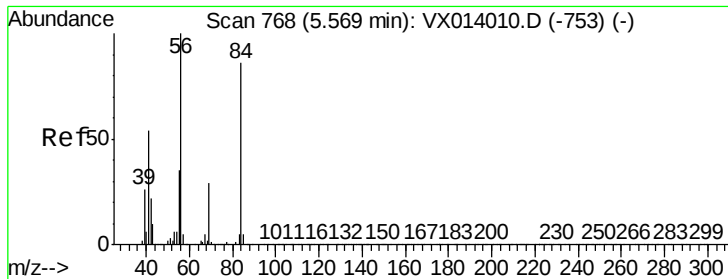
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#30
Chloroform
Concen: 52.379 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.8	76.2





#31

Cyclohexane

Concen: 61.557 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

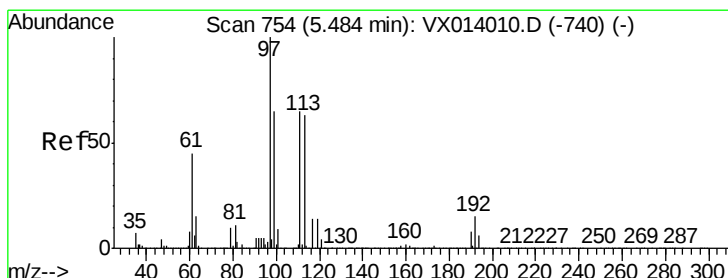
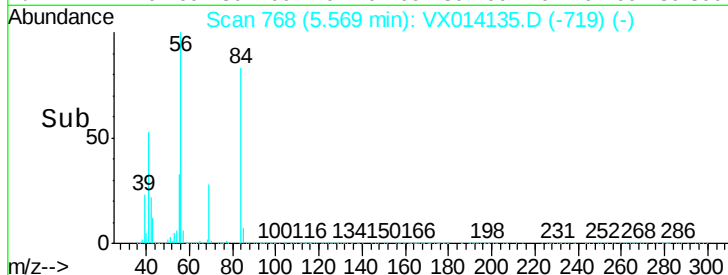
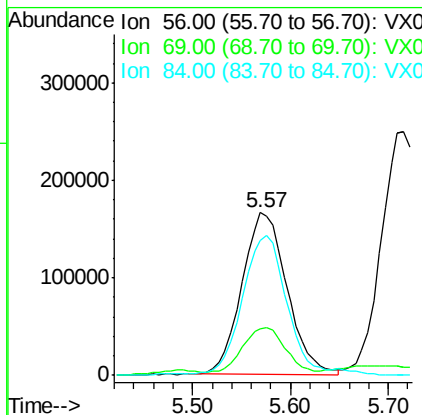
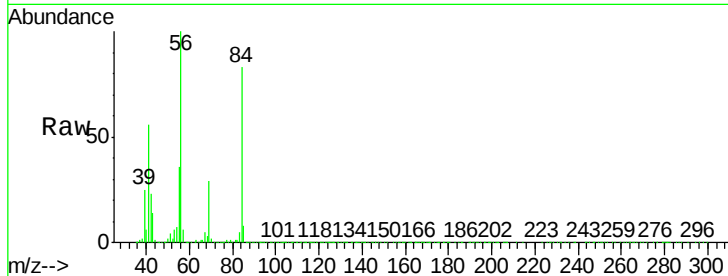
ClientSampleId :

MW-3MSD

Tot Ion:	56	Resp:	529568
Ion	Ratio	Lower	Upper
56	100		
69	26.2	23.2	34.8
84	82.5	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 49.112 ug/l

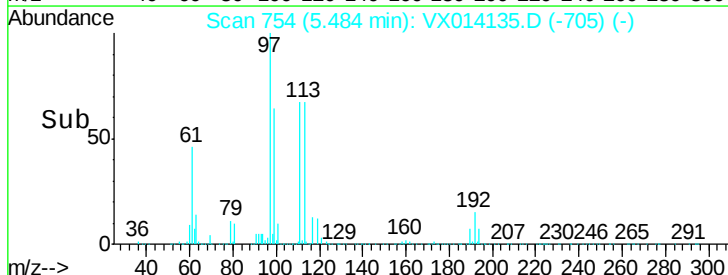
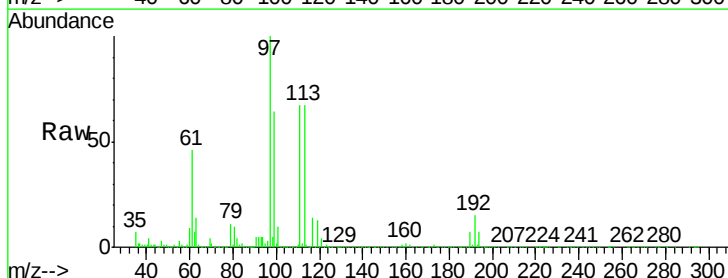
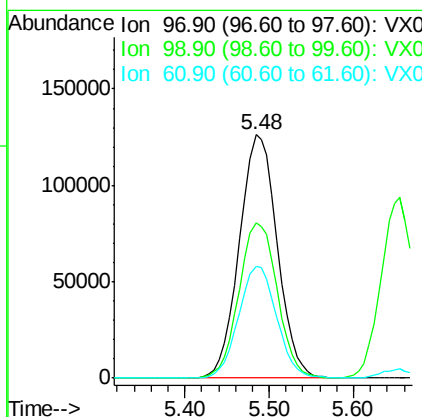
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	97	Resp:	383801
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	45.8	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 50.691 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 65 Resp: 291834

Ion Ratio Lower Upper

65 100

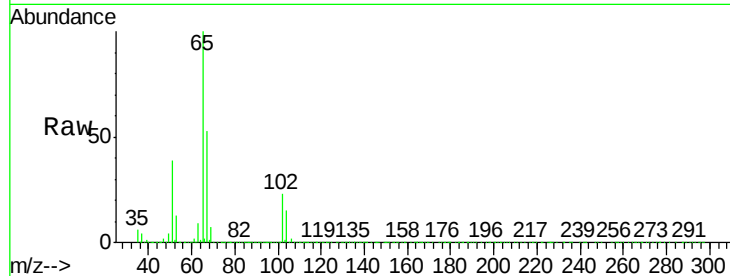
67 54.1 0.0 106.4

Manual Integrations

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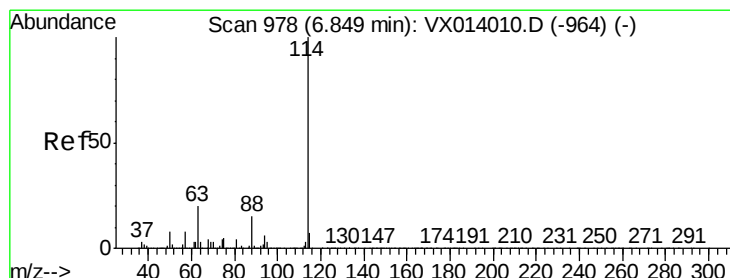
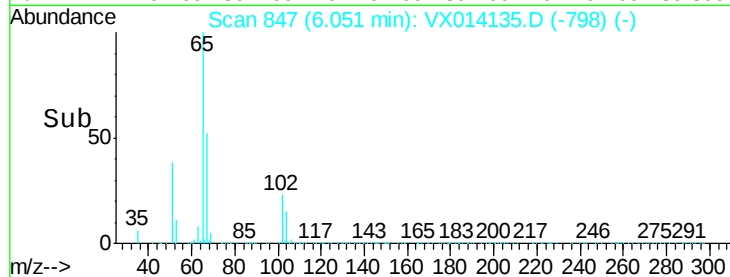
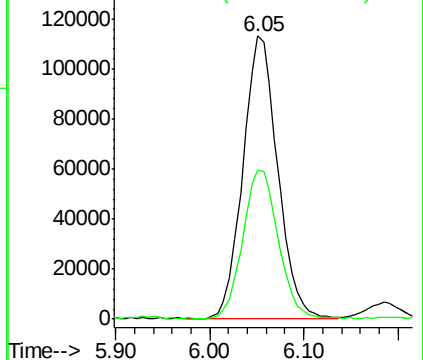
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

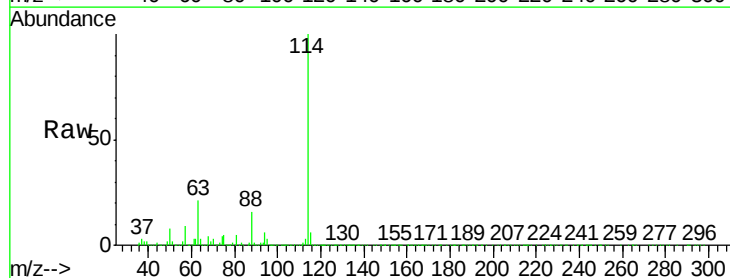
Tgt Ion: 114 Resp: 800540

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

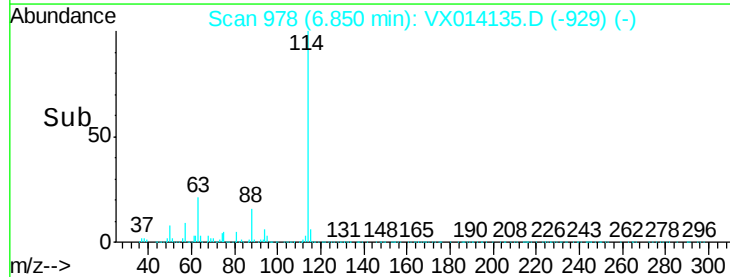
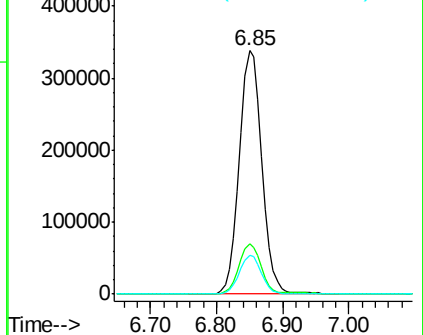
88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.865 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

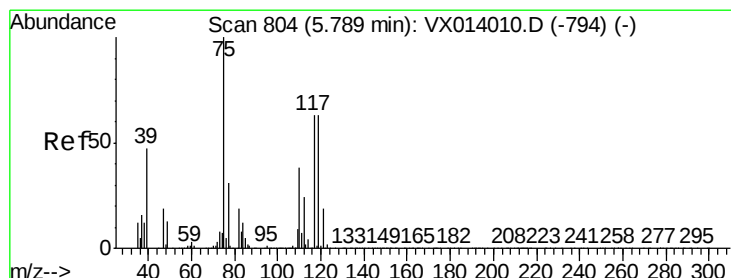
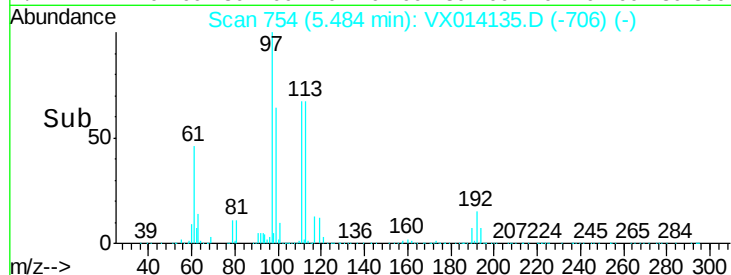
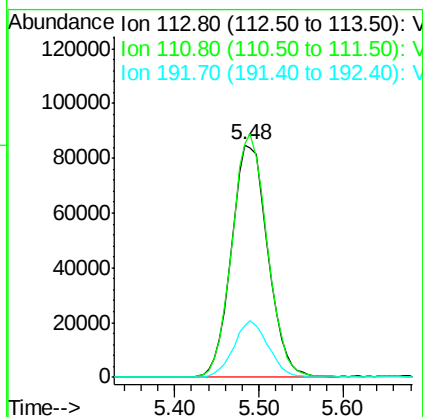
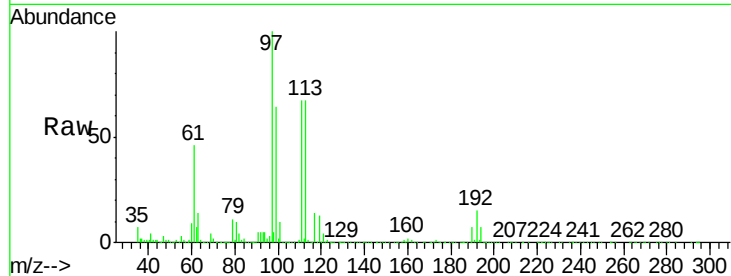
ClientSampleId :

MW-3MSD

Tot Ion:	113	Resp:	247528
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.0	123.0
192	23.3	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 47.206 ug/l

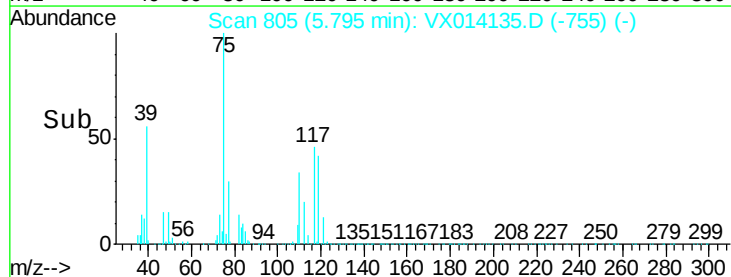
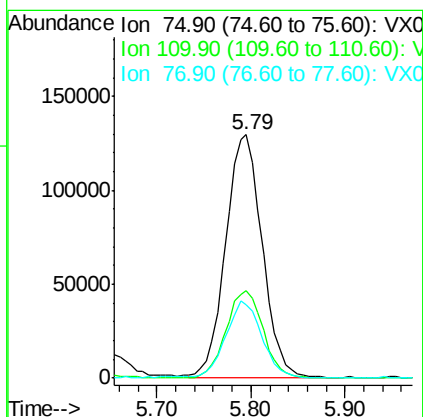
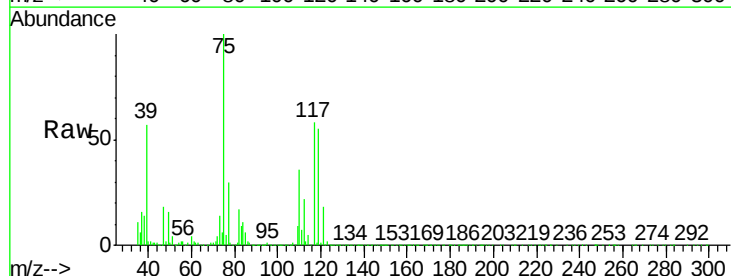
RT: 5.79 min Scan# 805

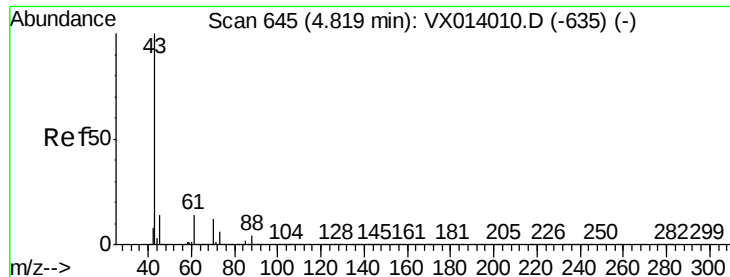
Delta R.T. 0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	75	Resp:	346748
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.3	54.9
77	31.1	24.8	37.2





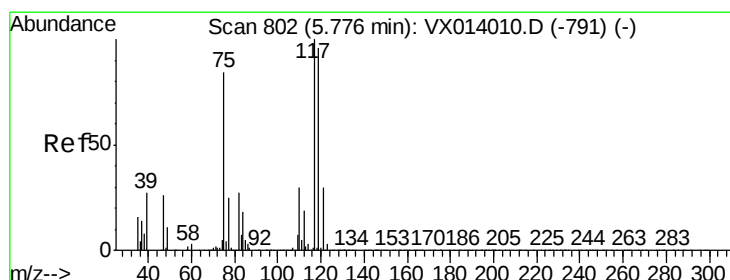
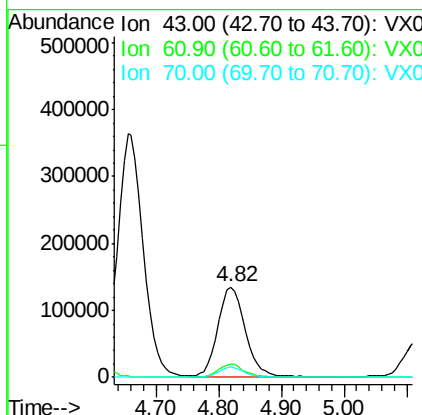
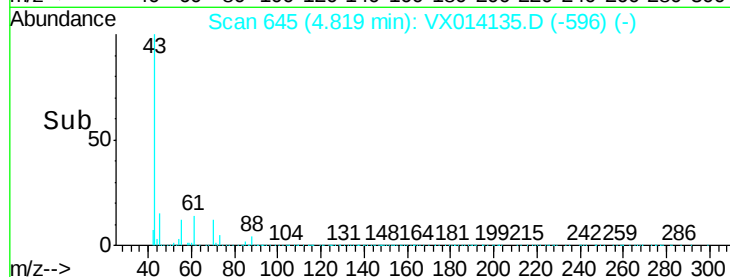
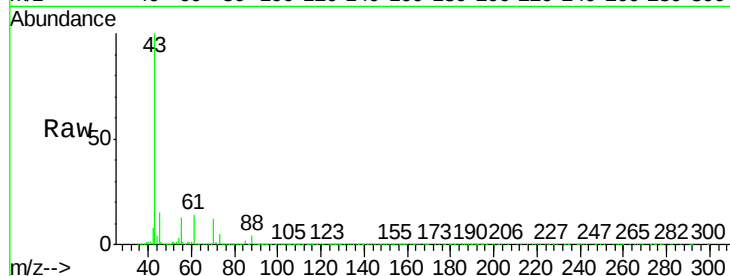
#37
Ethyl Acetate
Concen: 50.298 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.9	8.6	12.8

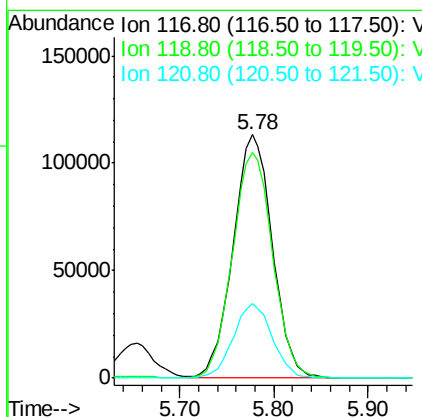
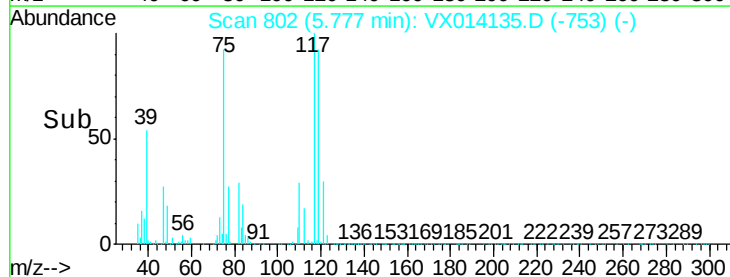
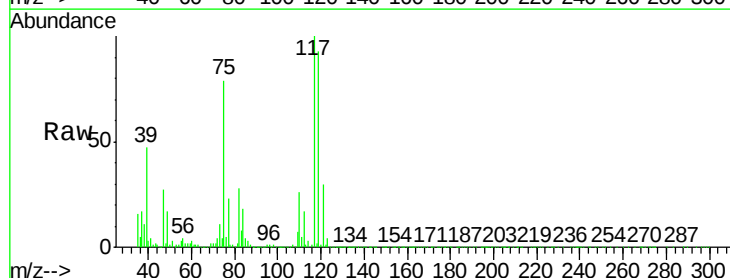
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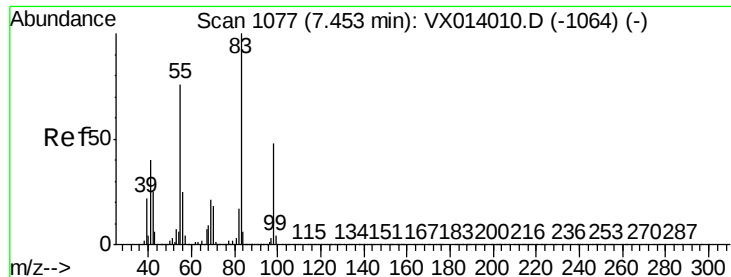
apatel
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#38
Carbon Tetrachloride
Concen: 48.865 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.2	114.4
121	30.5	23.6	35.4





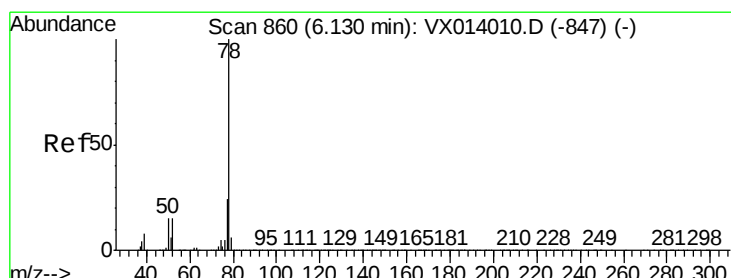
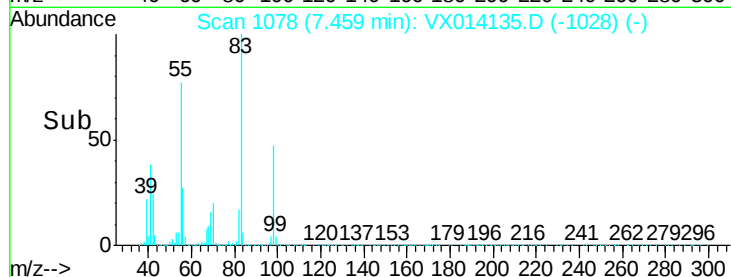
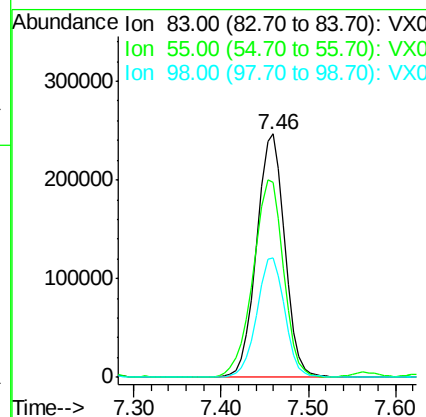
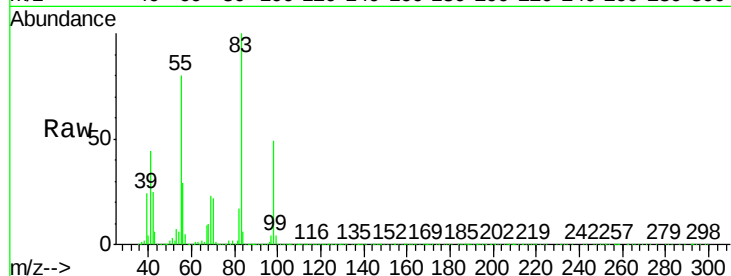
#39
Methvlcvclohexane
Concen: 60.978 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	553061		
55	79.7	61.0	91.6	
98	49.0	38.6	57.8	

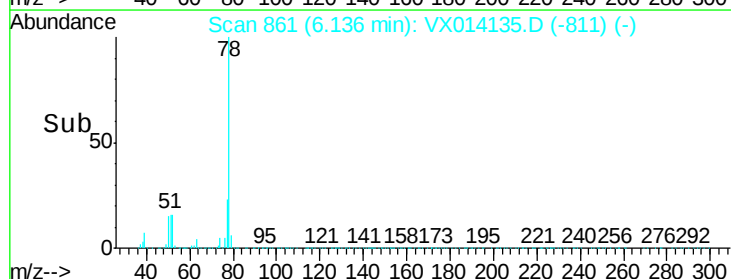
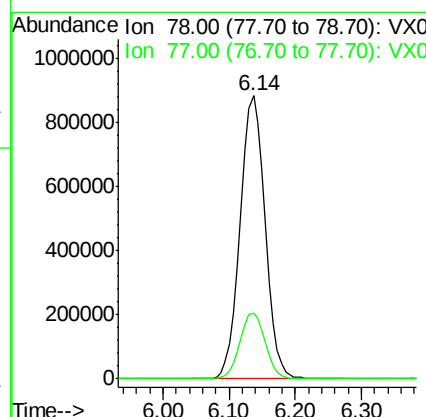
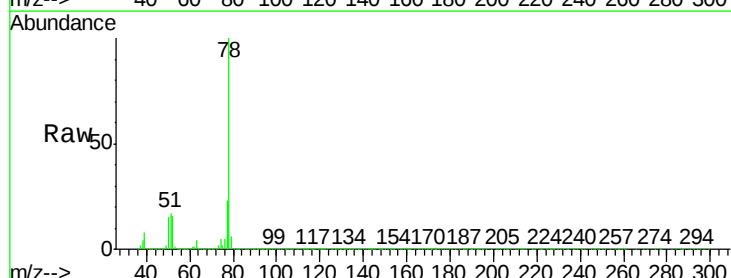
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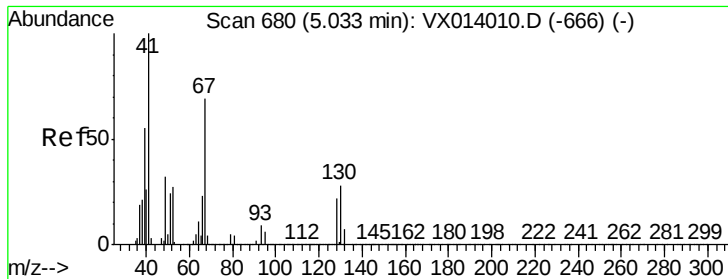
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#40
Benzene
Concen: 102.480 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	2316136		
77	23.4	18.8	28.2	





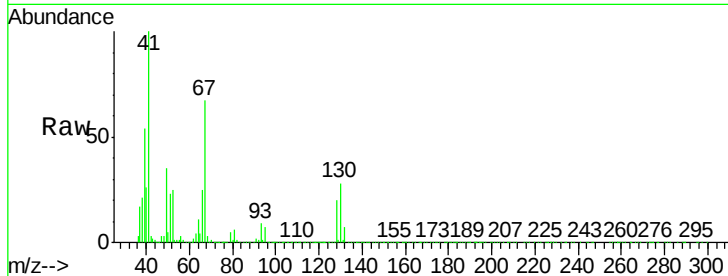
#41
Methacrylonitrile
Concen: 52.529 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampled :
MW-3MSD

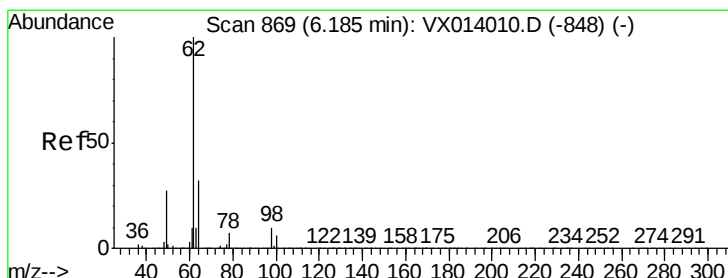
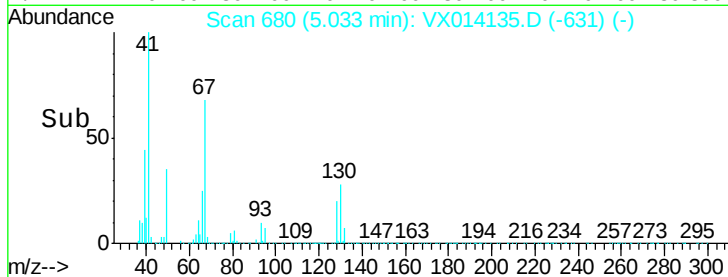
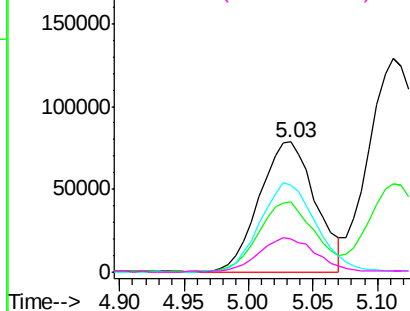
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.3	44.5	66.7		
67	69.8	57.4	86.0		
52	26.6	23.0	34.4		

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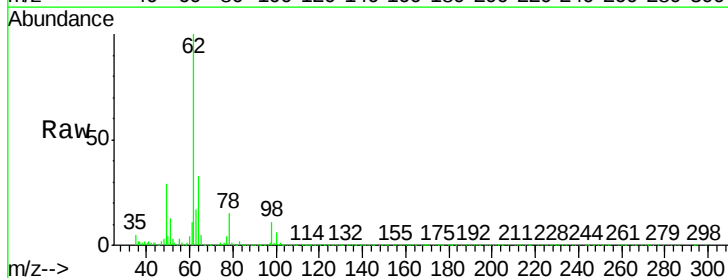


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

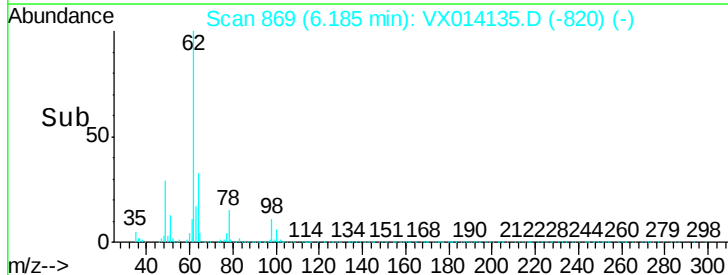
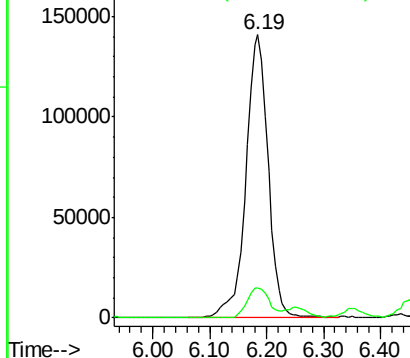


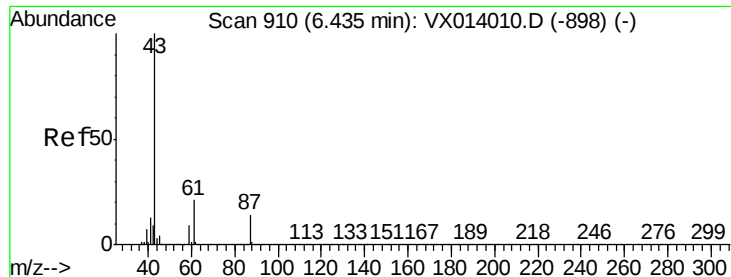
#42
1,2-Dichloroethane
Concen: 49.991 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	21.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

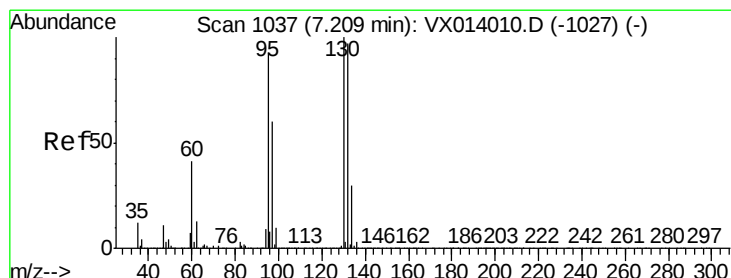
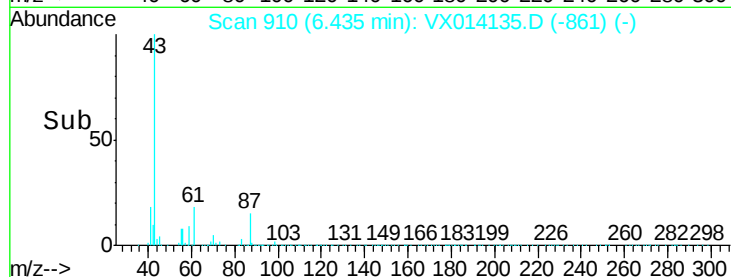
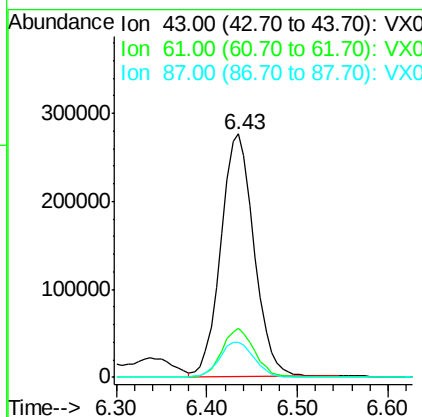
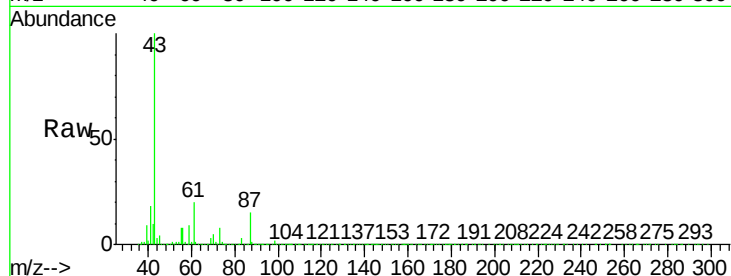
Isopropyl Acetate
 Concen: 52.129 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion:	43	Resp:	699774
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.4	24.6
87	15.0	10.7	16.1

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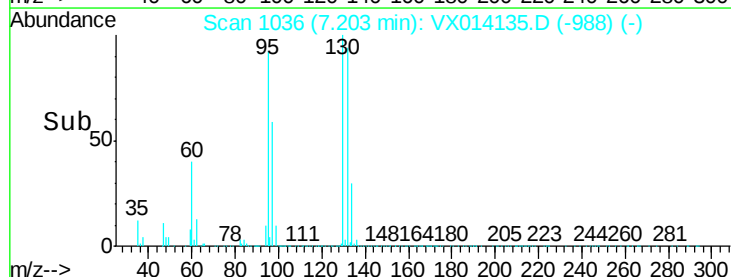
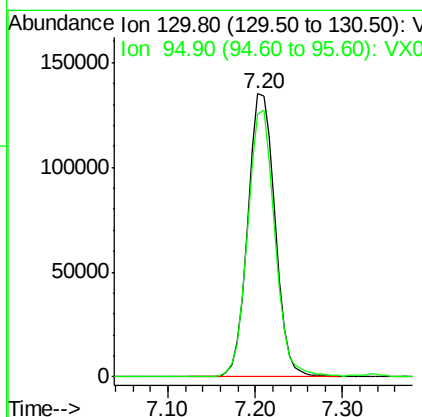
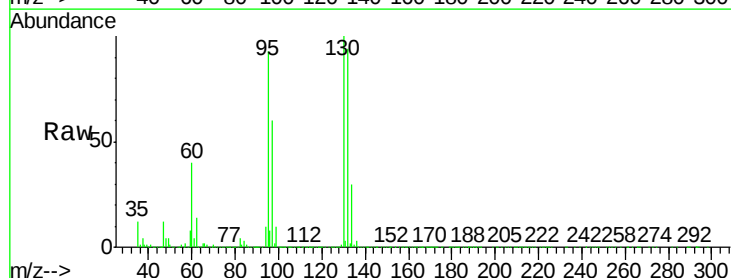
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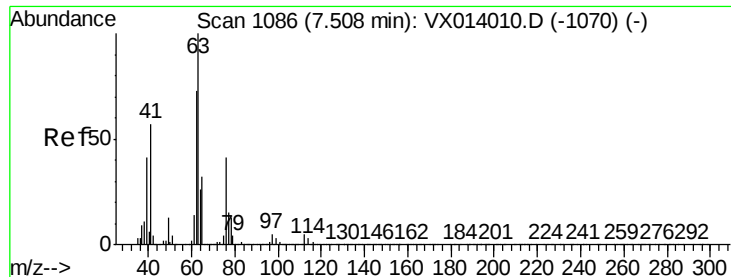


#44

Trichloroethene
 Concen: 46.840 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Tgt Ion:	130	Resp:	292403
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.188 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 63 Resp: 290728

Ion Ratio Lower Upper

63 100

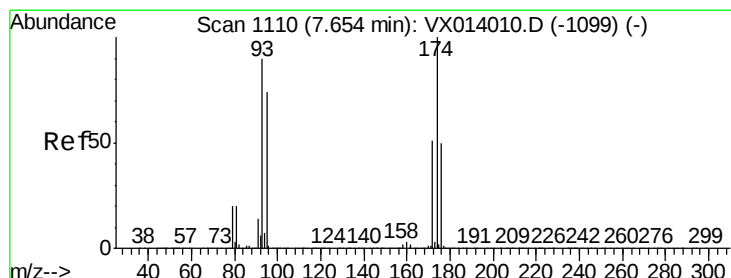
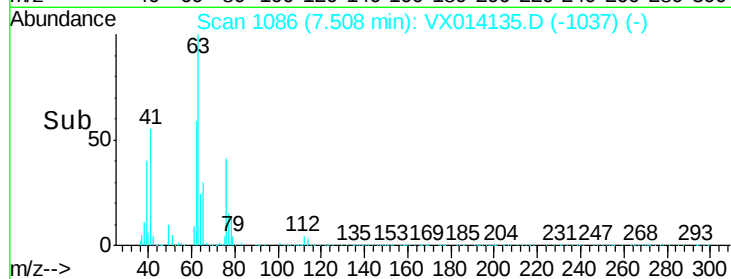
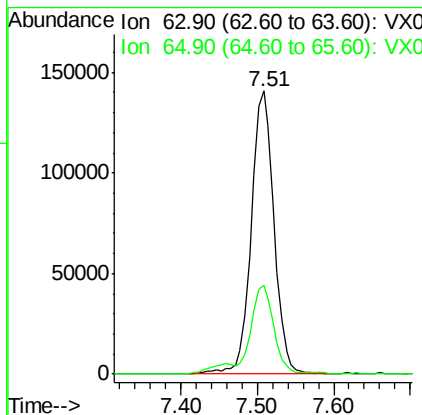
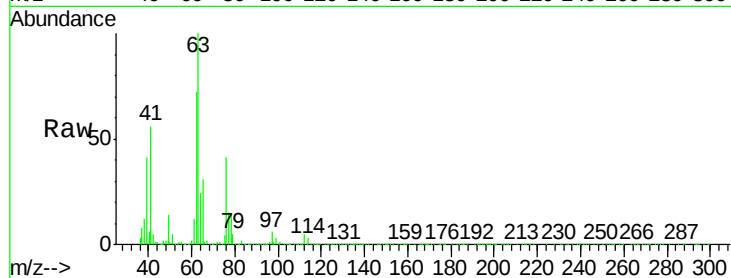
65 31.2 25.8 38.8

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#46

Dibromomethane

Concen: 48.121 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

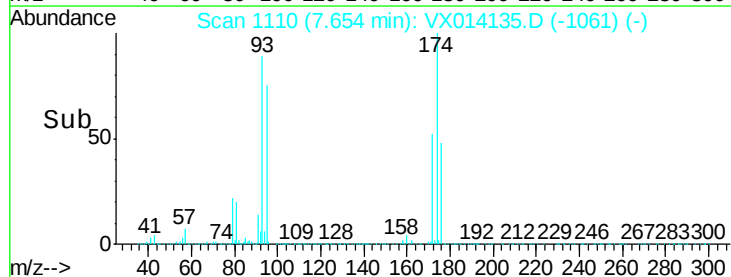
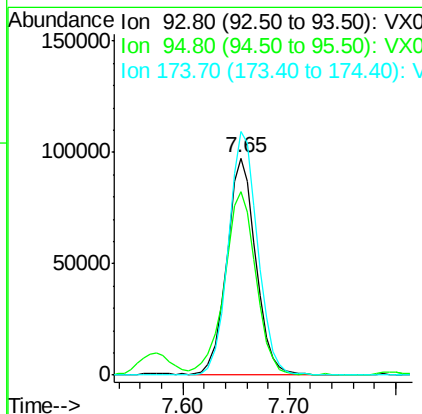
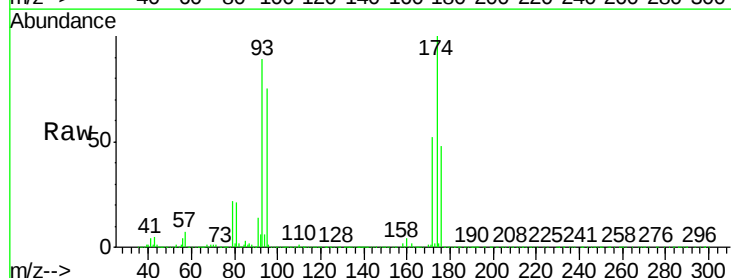
Tgt Ion: 93 Resp: 184300

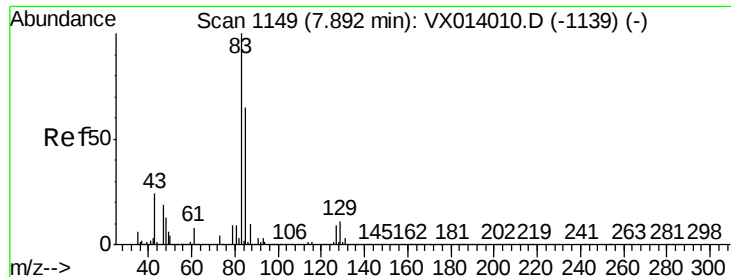
Ion Ratio Lower Upper

93 100

95 91.7 67.3 100.9

174 114.7 91.6 137.4





#47

Bromodichloromethane

Concen: 48.542 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

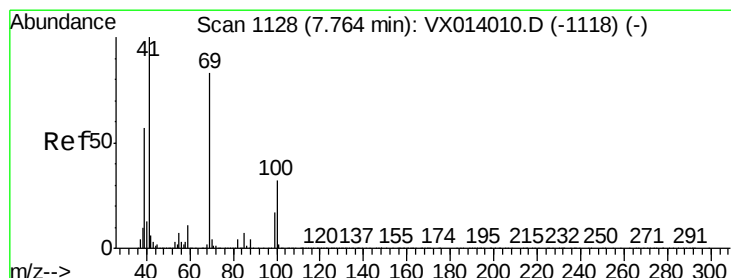
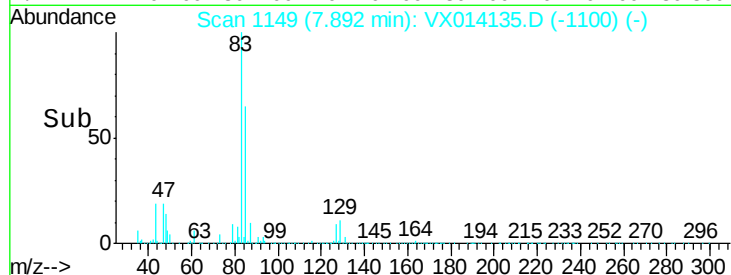
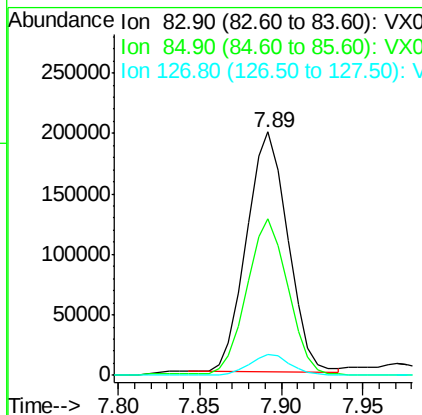
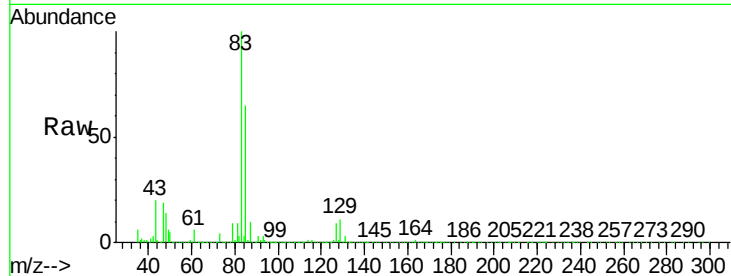
ClientSampleId :

MW-3MSD

Tot Ion:	83	Resp:	350140
Ion Ratio		Lower	Upper
83	100		
85	65.1	51.8	77.8
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 54.110 ug/l

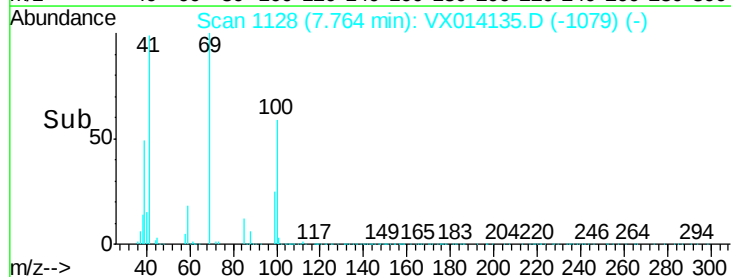
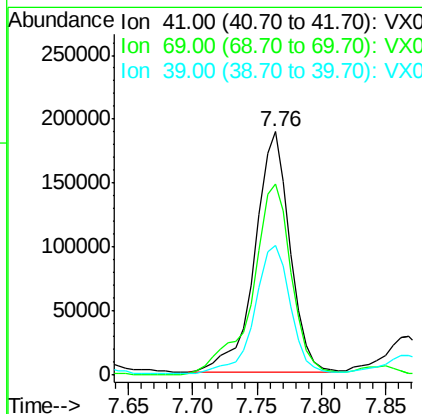
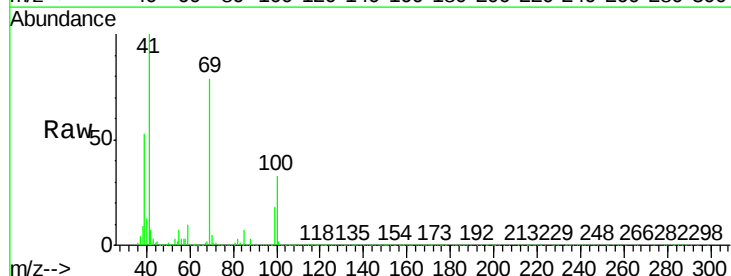
RT: 7.76 min Scan# 1128

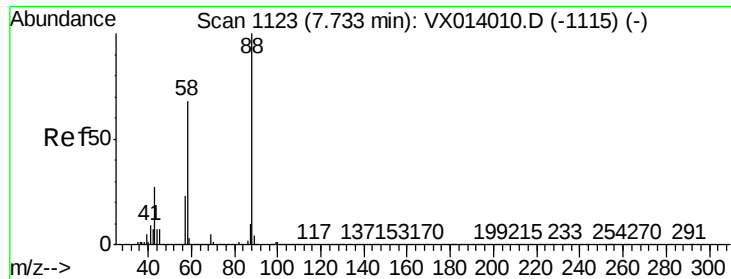
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	41	Resp:	355681
Ion Ratio		Lower	Upper
41	100		
69	88.9	65.8	98.6
39	55.2	44.6	67.0





#49

1,4-Dioxane

Concen: 921.519 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

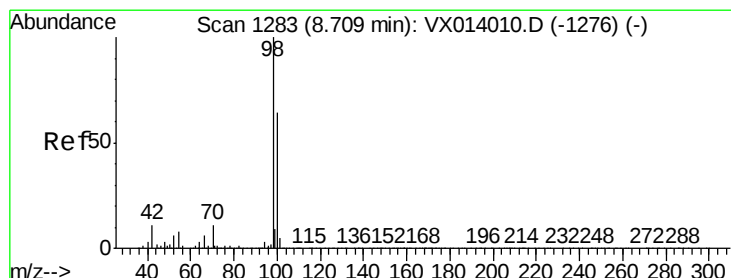
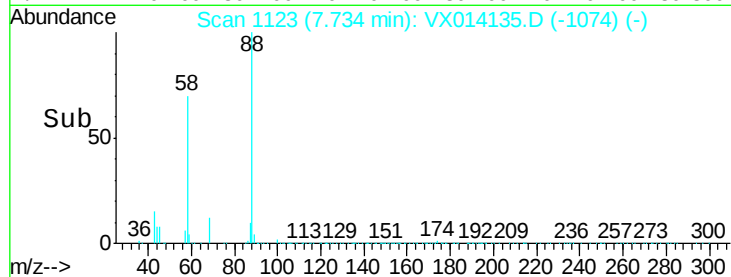
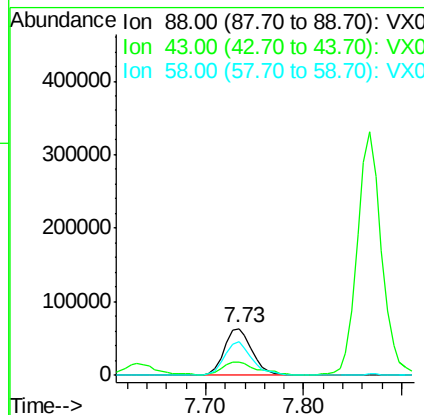
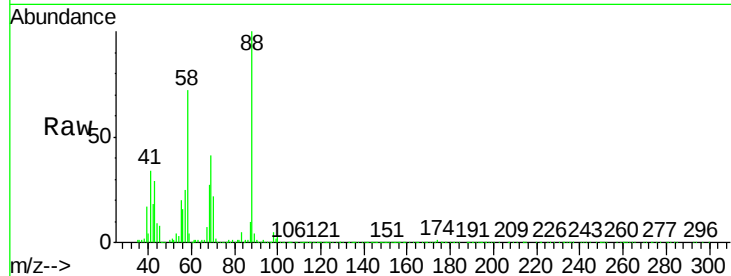
ClientSampleId :

MW-3MSD

Tot Ion:	88	Resp:	123271
Ion Ratio	Lower	Upper	
88	100		
43	33.0	26.5	39.7
58	70.1	56.8	85.2

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#50

Toluene-d8

Concen: 50.027 ug/l

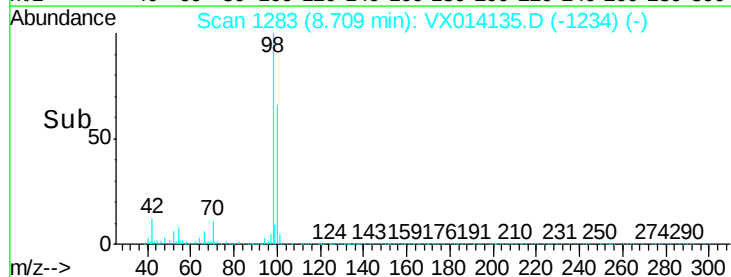
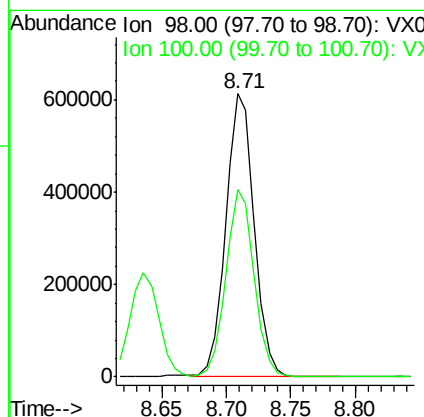
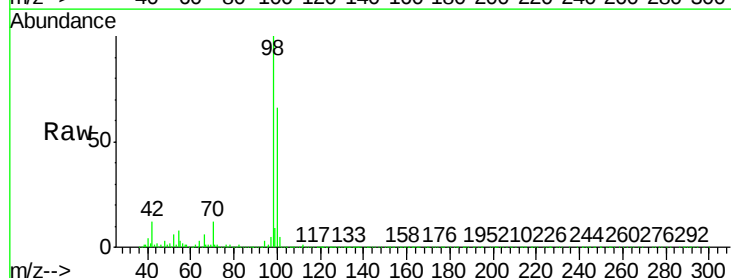
RT: 8.71 min Scan# 1283

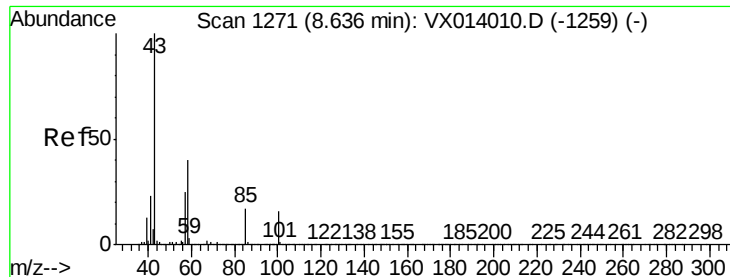
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	98	Resp:	947807
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 258.135 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tot Ion: 43 Resp: 2176209

Ion Ratio Lower Upper

43 100

58 39.7 32.2 48.2

Instrument :

MSVOA_X

ClientSampleId :

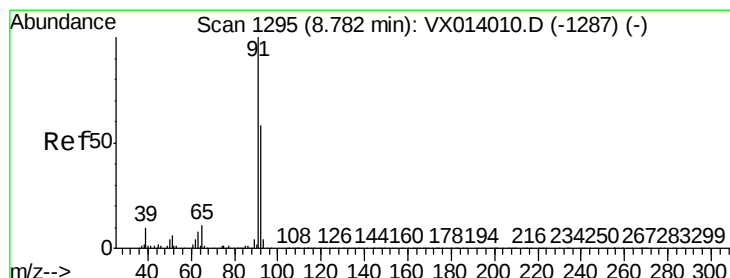
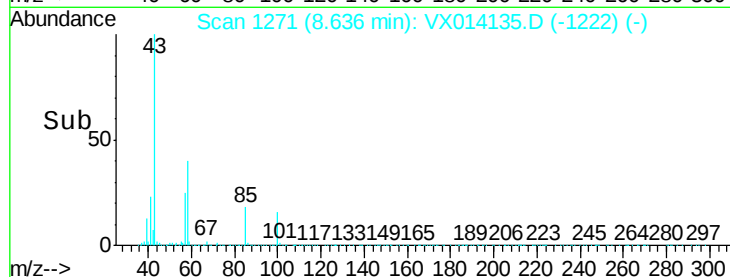
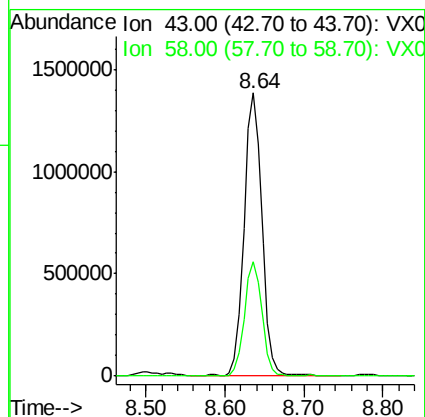
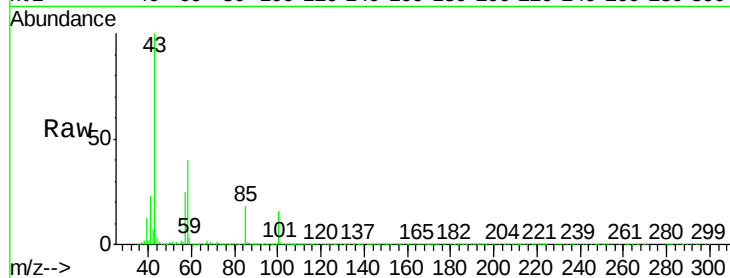
MW-3MSD

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#52

Toluene

Concen: 68.892 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014135.D

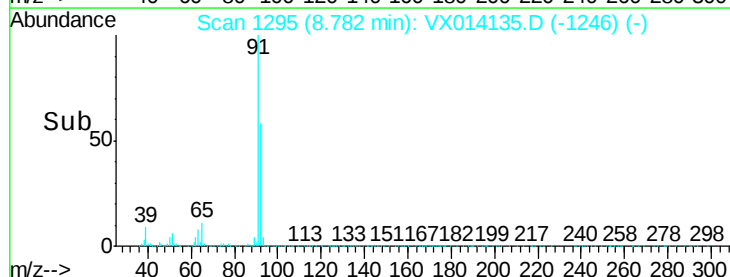
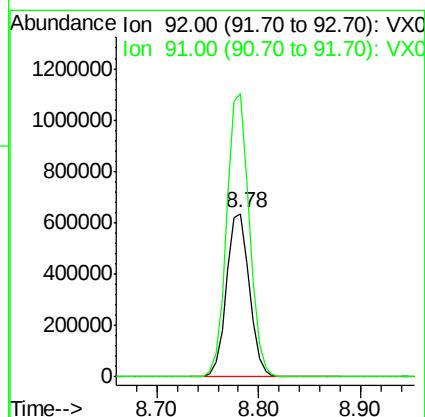
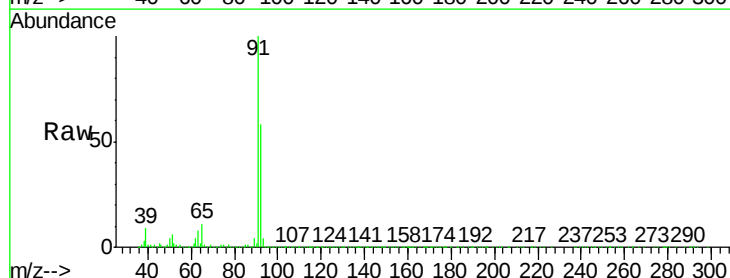
Acq: 19 Dec 2019 20:54

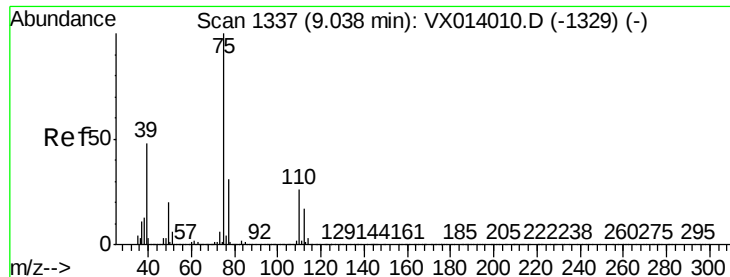
Tgt Ion: 92 Resp: 984152

Ion Ratio Lower Upper

92 100

91 171.3 136.2 204.4





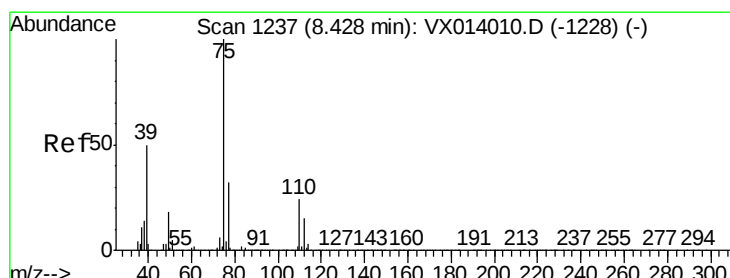
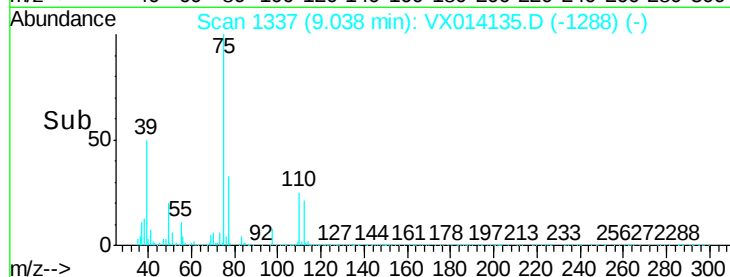
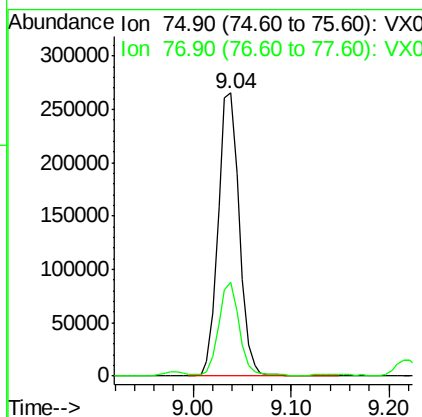
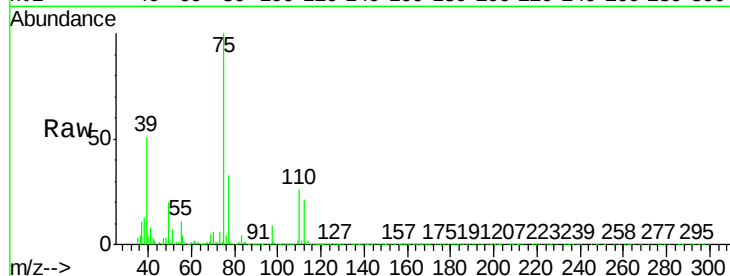
#53
t-1,3-Dichloropropene
Concen: 50.263 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.1	37.7

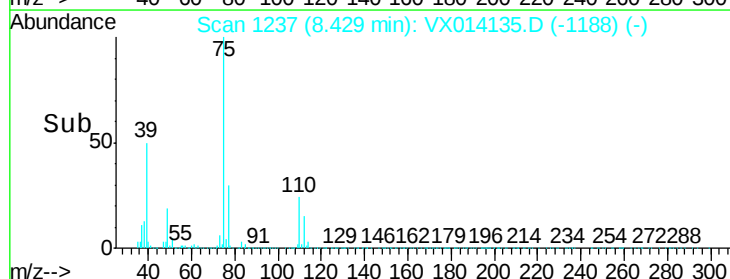
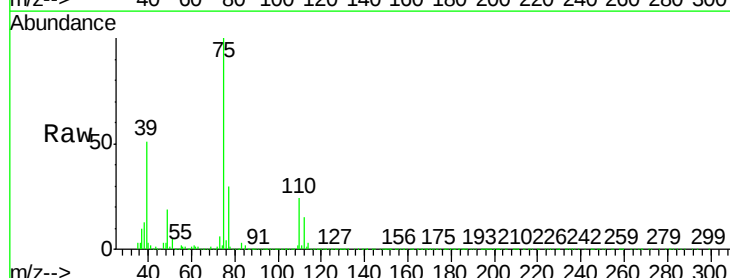
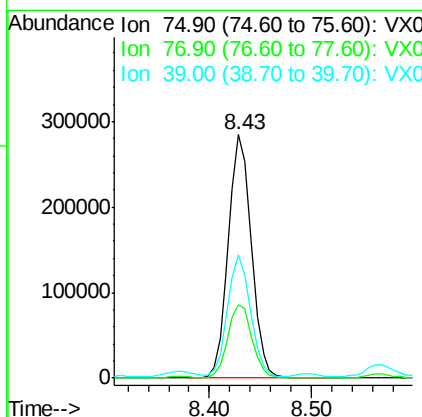
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#54
cis-1,3-Dichloropropene
Concen: 50.446 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.3	37.9
39	49.9	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 47.099 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

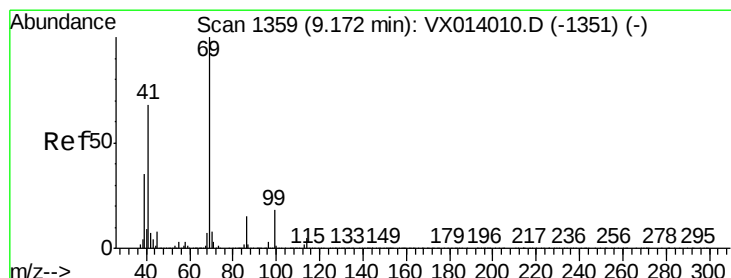
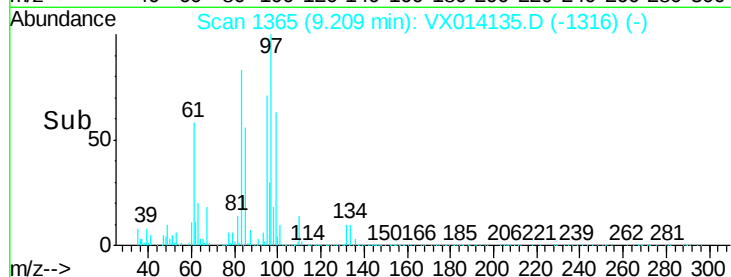
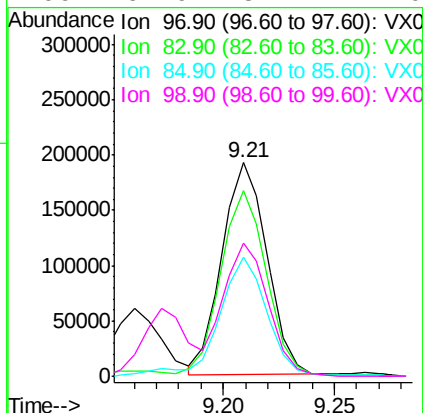
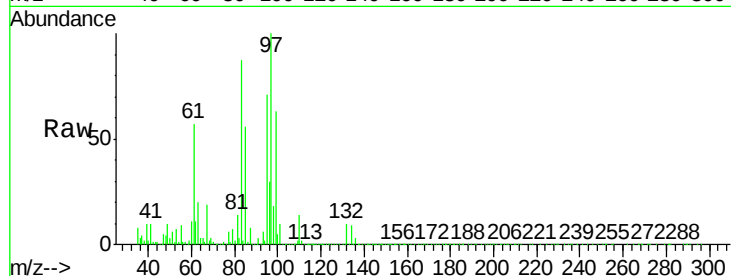
ClientSampled :

MW-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		269661		
83	87.1	68.2	102.4		
85	55.8	44.6	66.8		
99	62.9	51.4	77.0		

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#56

Ethyl methacrylate

Concen: 53.885 ug/l

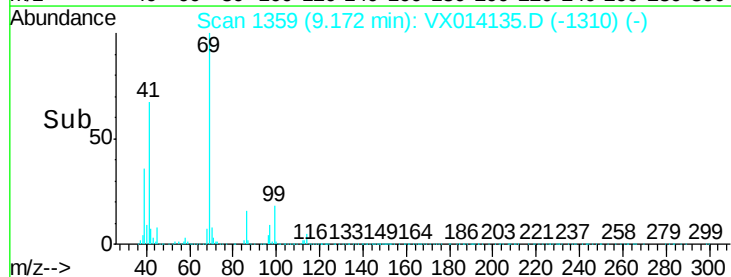
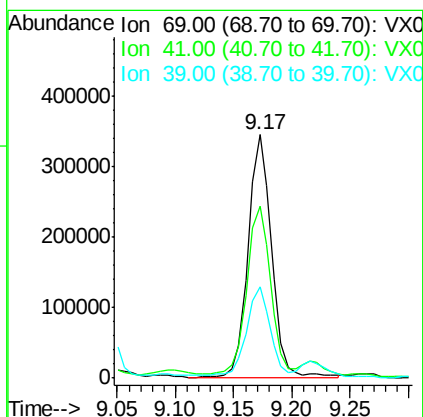
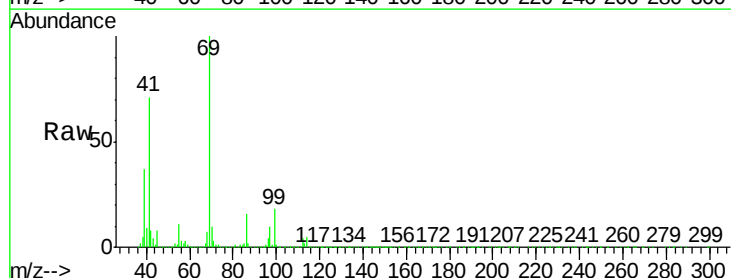
RT: 9.17 min Scan# 1359

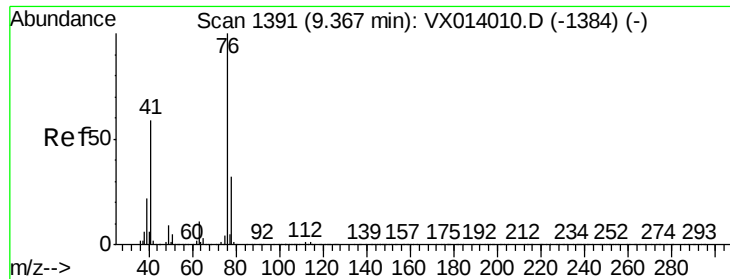
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		484622		
41	70.9	54.8	82.2		
39	36.8	28.3	42.5		





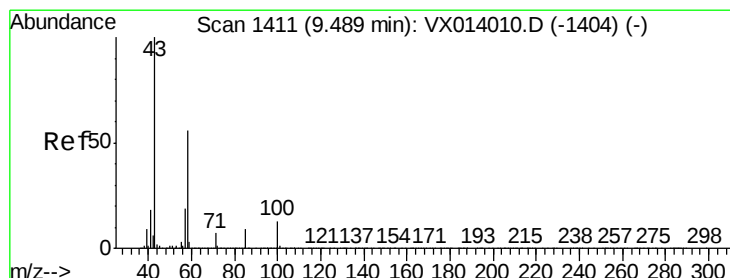
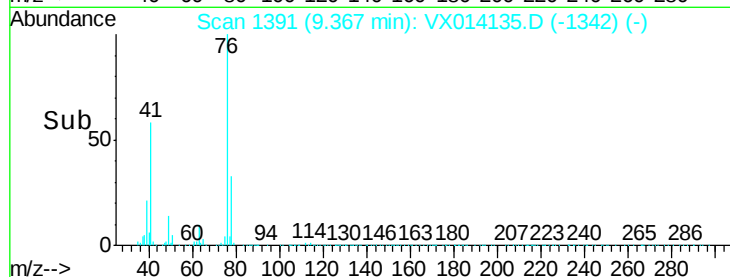
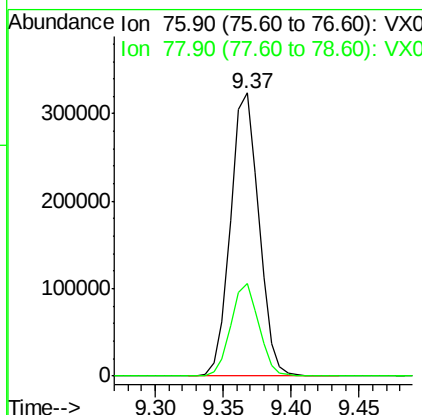
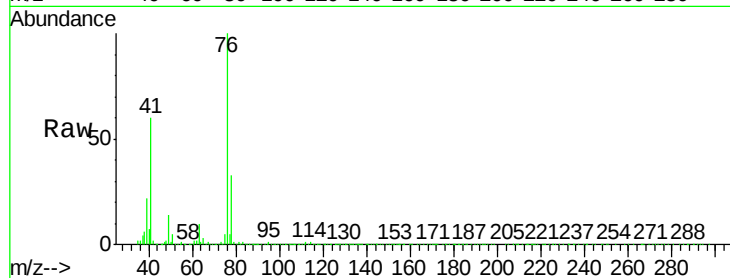
#57
 1,3-Dichloropropane
 Concen: 48.882 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

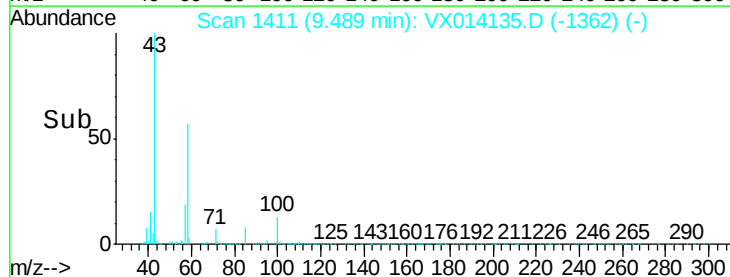
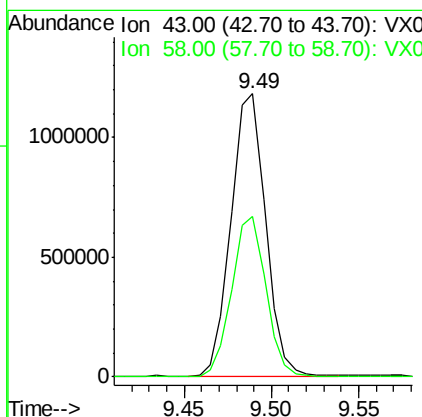
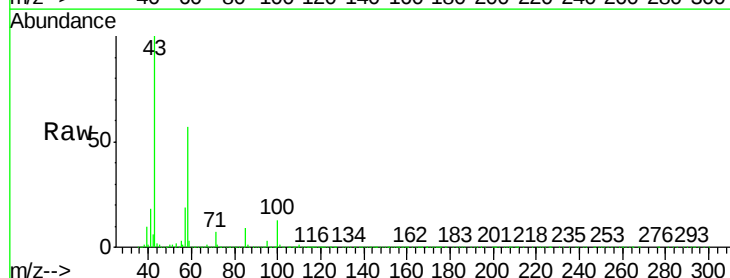
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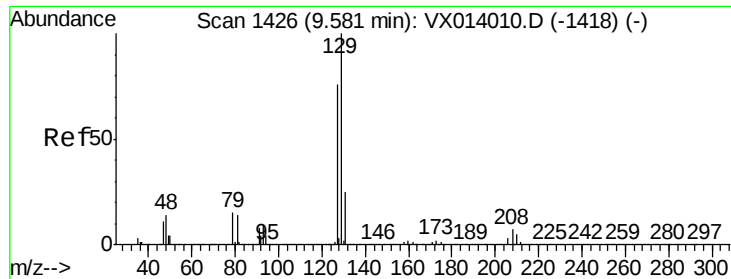
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#59
 2-Hexanone
 Concen: 240.298 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.0	84.0





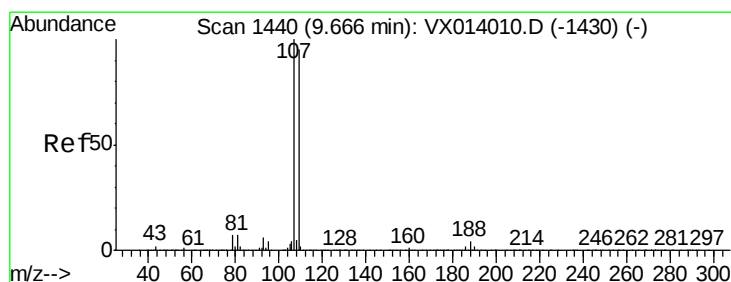
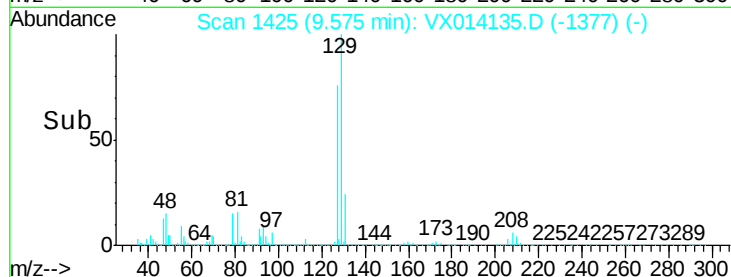
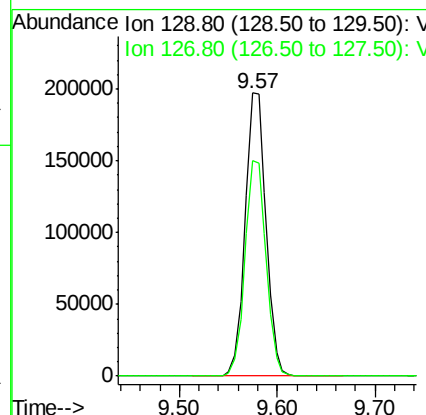
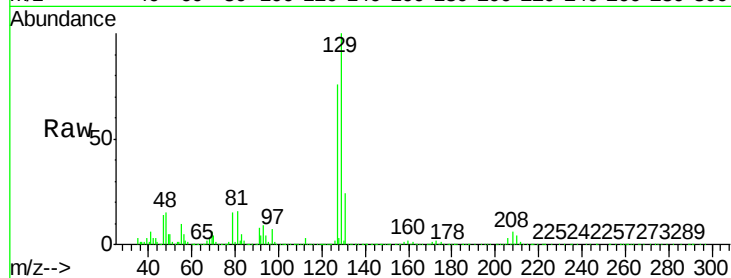
#60
Dibromochloromethane
Concen: 51.235 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.2

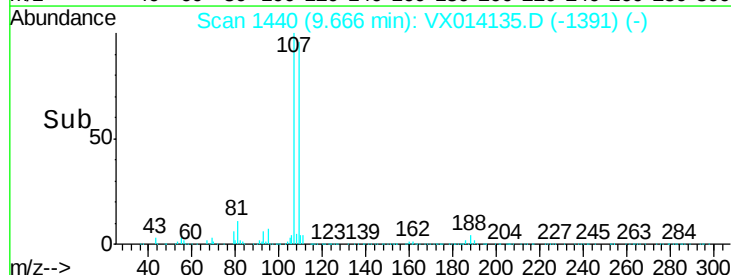
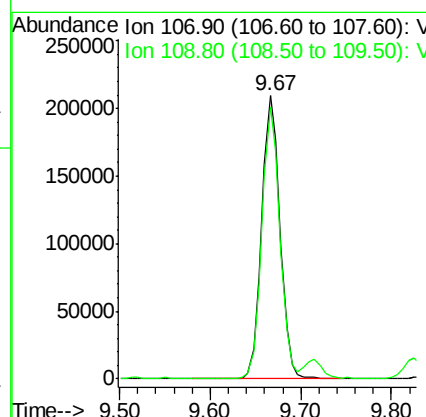
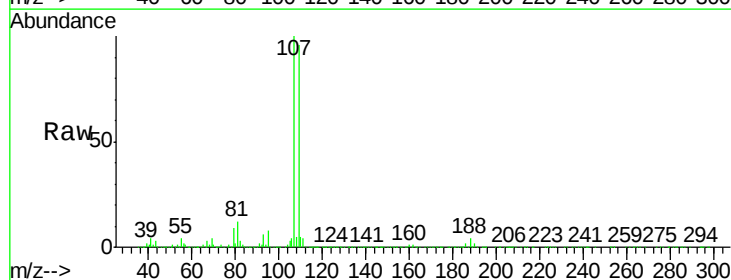
Manual Integrations
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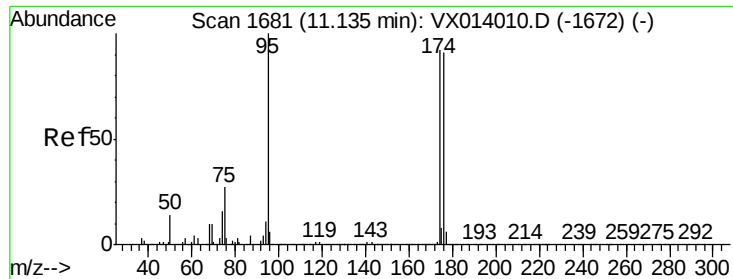
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#61
1,2-Dibromoethane
Concen: 49.974 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.7	113.5





#62

4-Bromofluorobenzene

Concen: 50.640 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

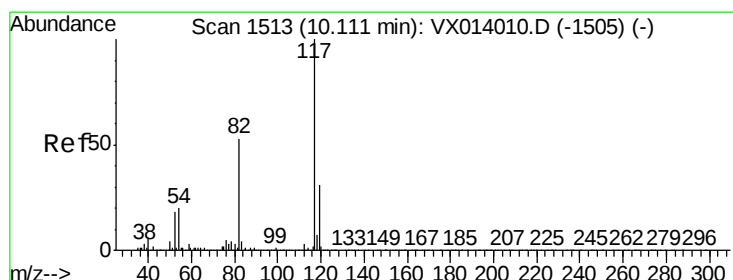
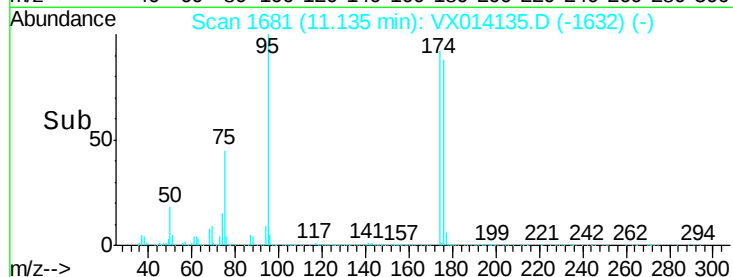
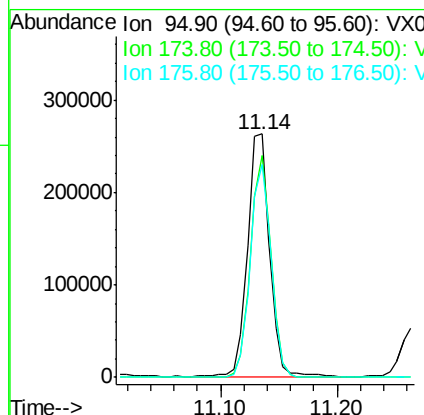
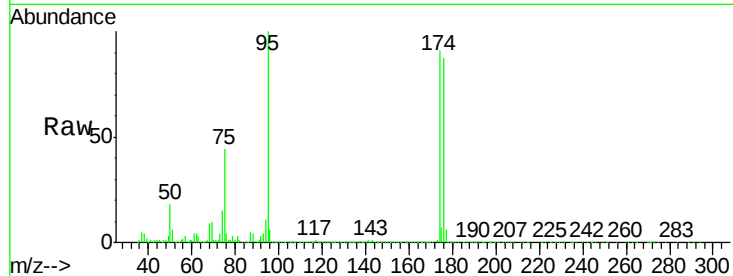
ClientSampleId :

MW-3MSD

Tot Ion:	95	Resp:	350714
Ion Ratio	Lower	Upper	
95	100		
174	84.8	0.0	175.8
176	82.8	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

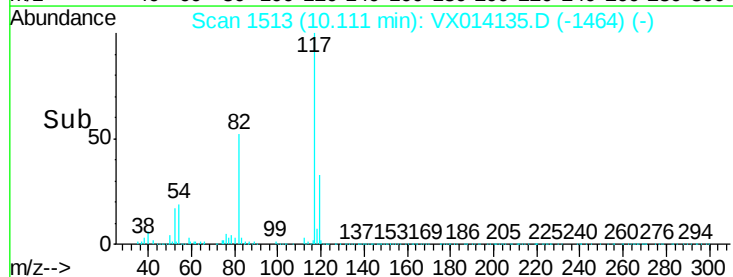
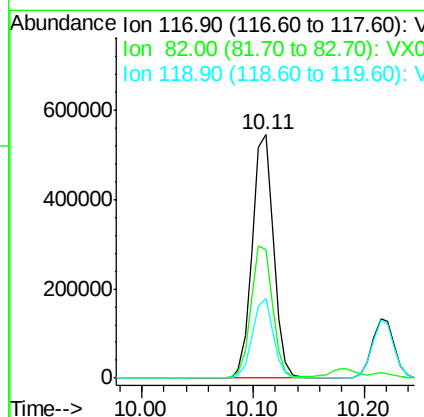
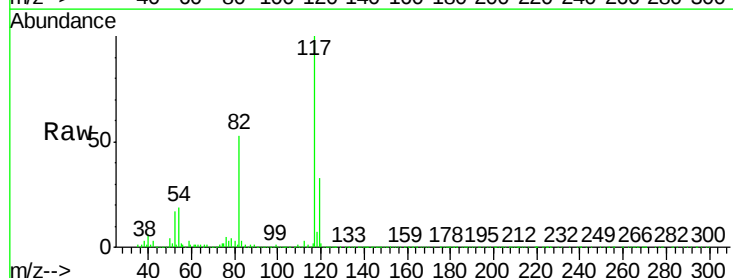
RT: 10.11 min Scan# 1513

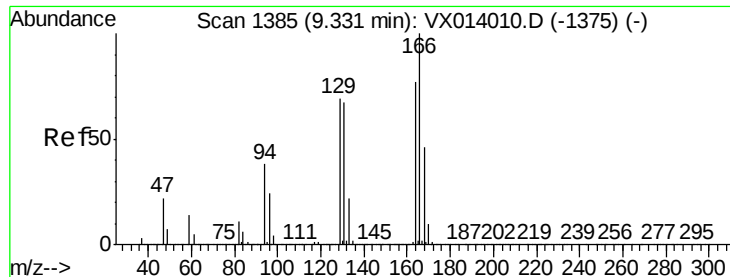
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	117	Resp:	727584
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.2	63.4
119	32.8	25.1	37.7





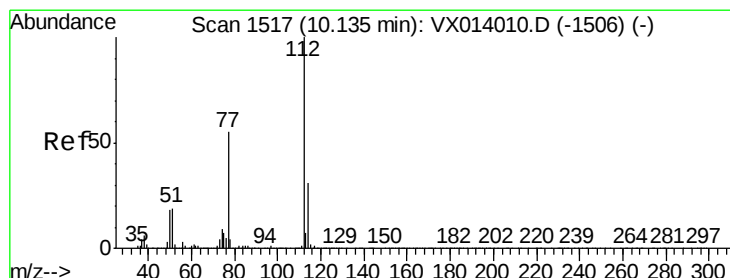
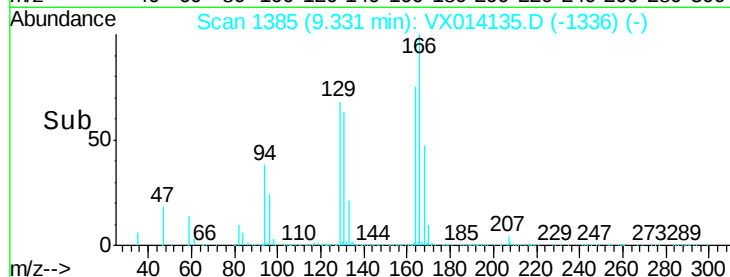
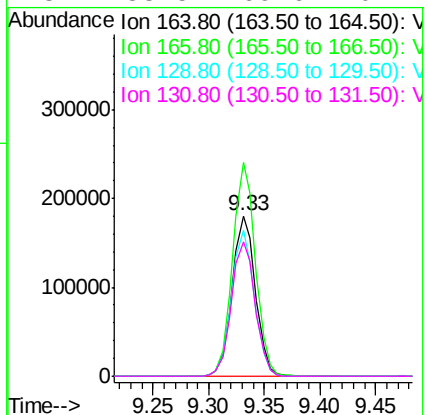
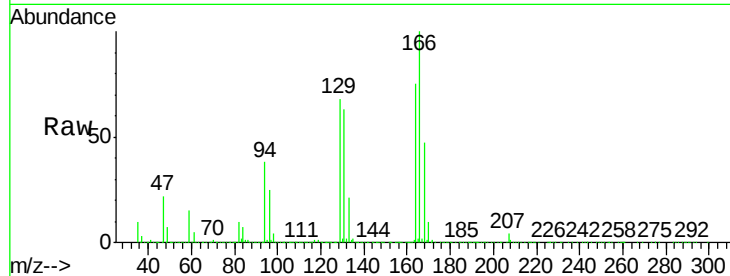
#64
Tetrachloroethene
Concen: 40.449 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	133.3	104.0	156.0	
129	91.1	72.2	108.4	
131	83.5	69.6	104.4	

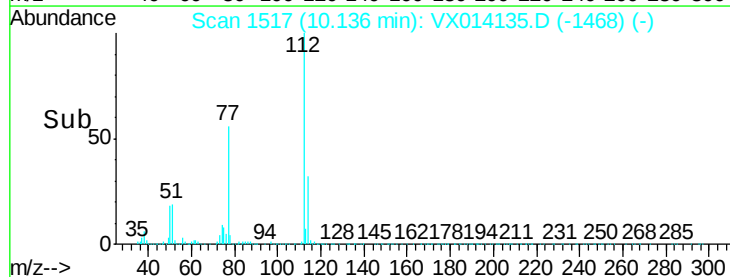
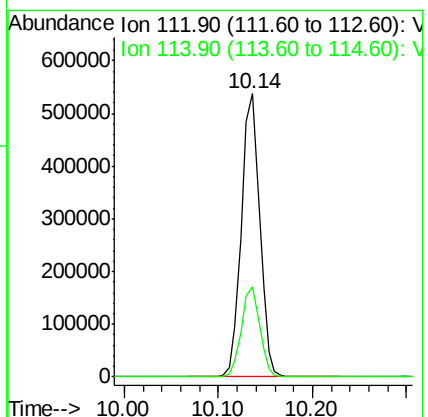
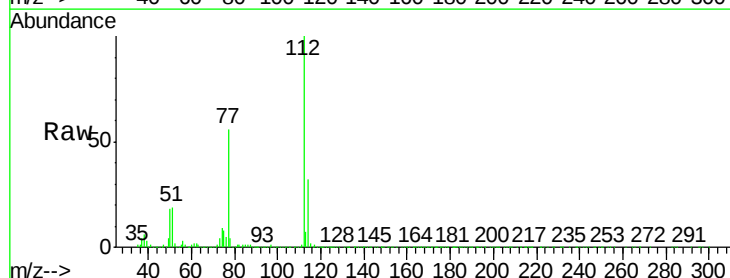
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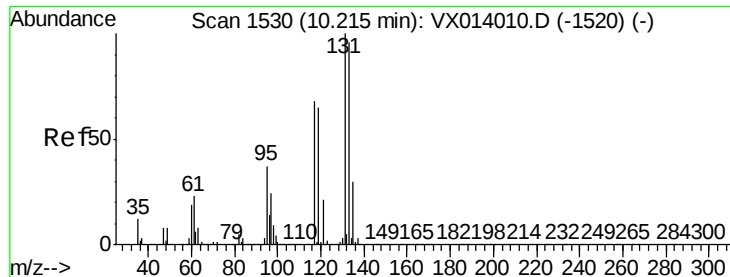
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#65
Chlorobenzene
Concen: 47.404 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.9	24.9	37.3	





#66

1,1,1,2-Tetrachloroethane

Concen: 48.670 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

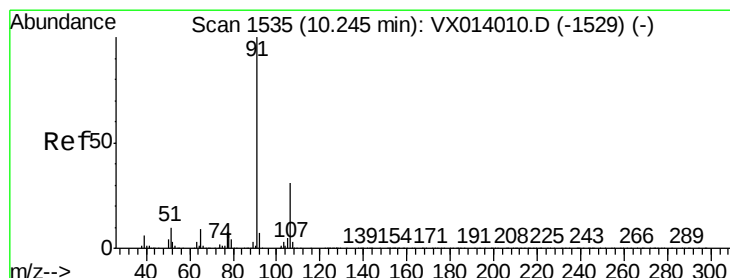
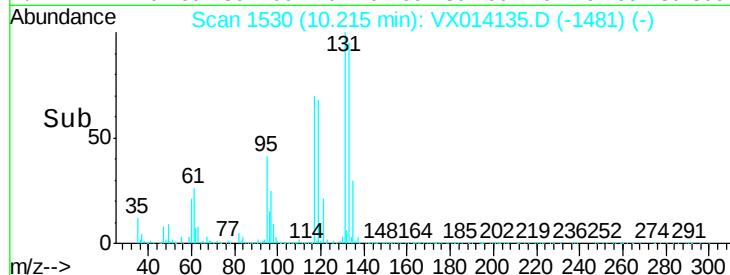
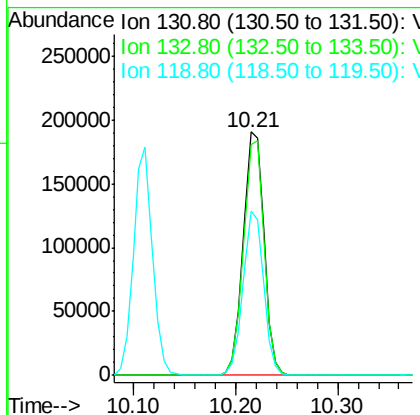
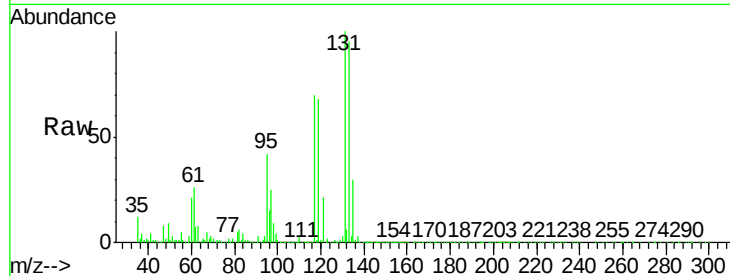
ClientSampleId :

MW-3MSD

Tot Ion:	131	Resp:	268840
Ion Ratio	Lower	Upper	
131	100		
133	95.8	48.0	144.0
119	66.4	33.4	100.2

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#67

Ethyl Benzene

Concen: 342.644 ug/l

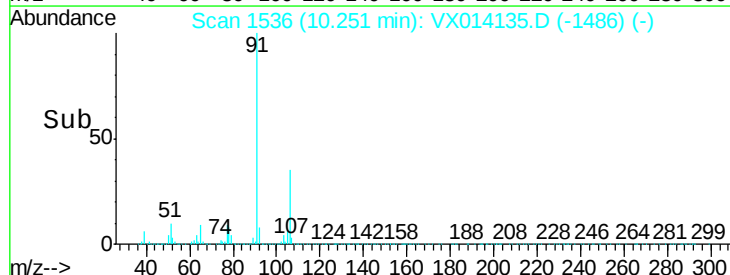
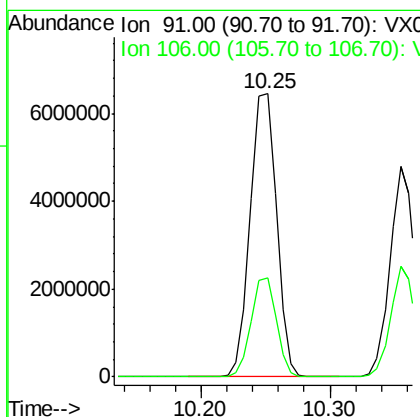
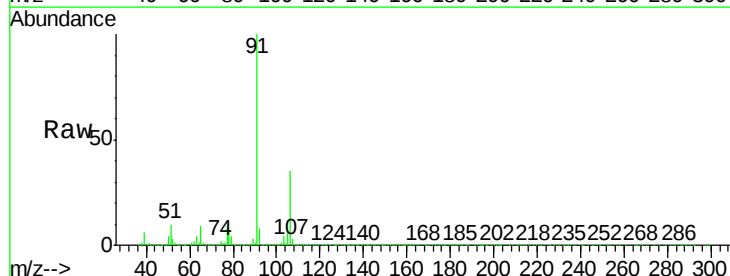
RT: 10.25 min Scan# 1536

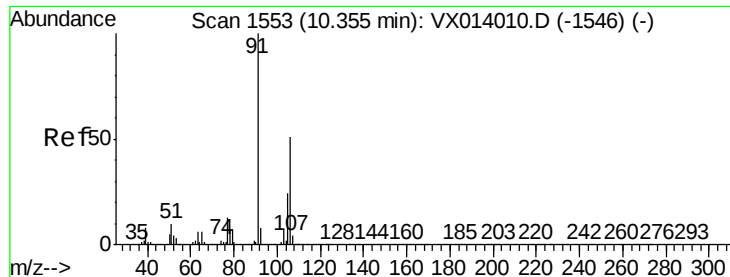
Delta R.T. 0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	91	Resp:	9113271
Ion Ratio	Lower	Upper	
91	100		
106	35.1	25.0	37.6





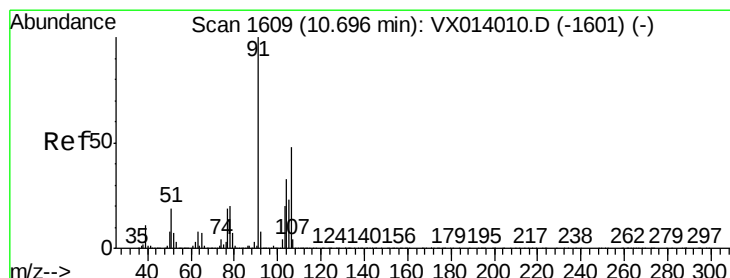
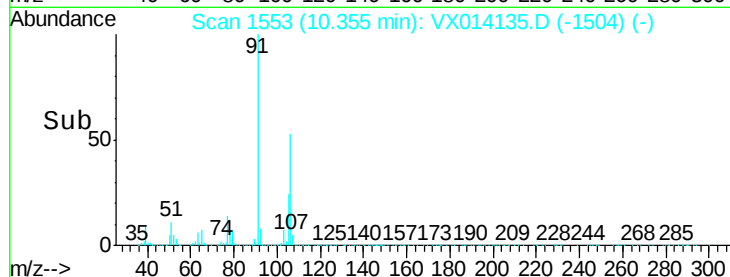
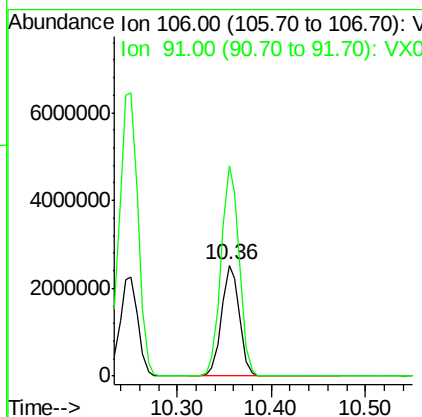
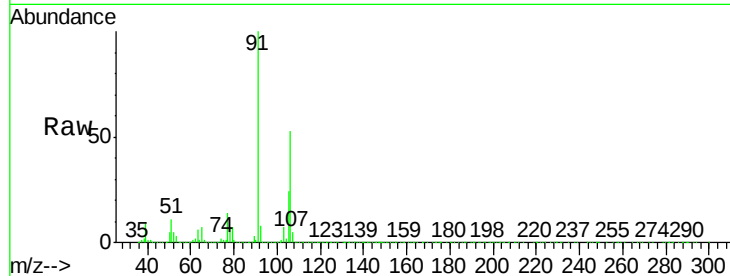
#68
m/p-Xylenes
Concen: 321.045 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion:106 Resp: 3284144
Ion Ratio Lower Upper
106 100
91 193.5 158.6 238.0

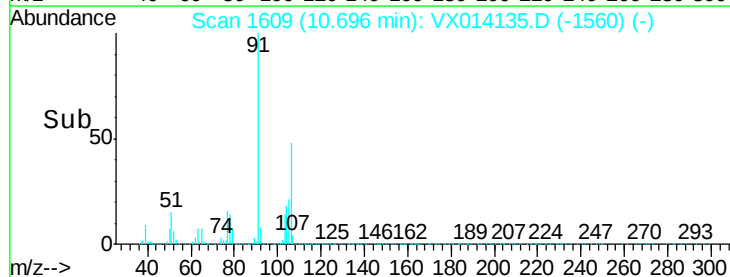
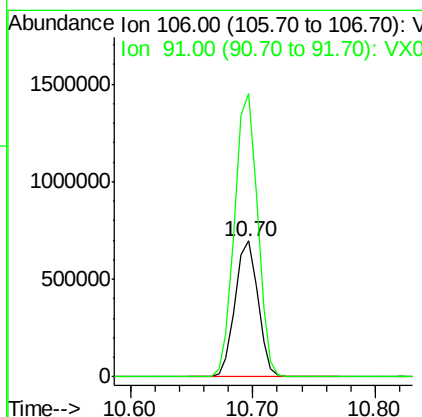
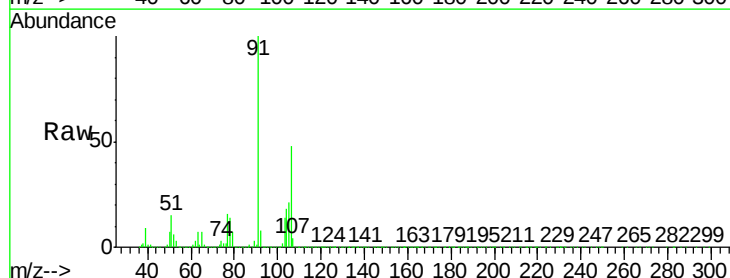
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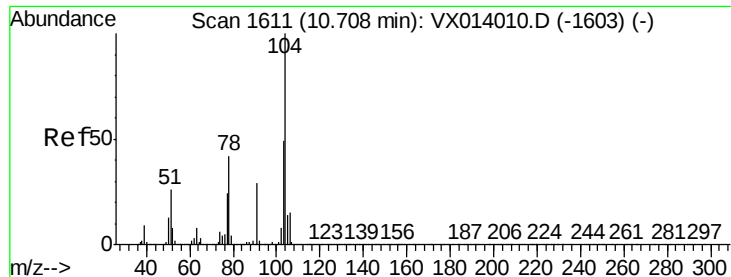
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#69
o-Xylene
Concen: 89.455 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion:106 Resp: 897468
Ion Ratio Lower Upper
106 100
91 210.1 104.2 312.6





#70

Stvrene

Concen: 50.244 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

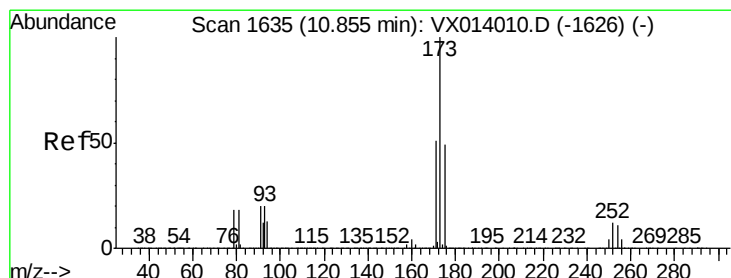
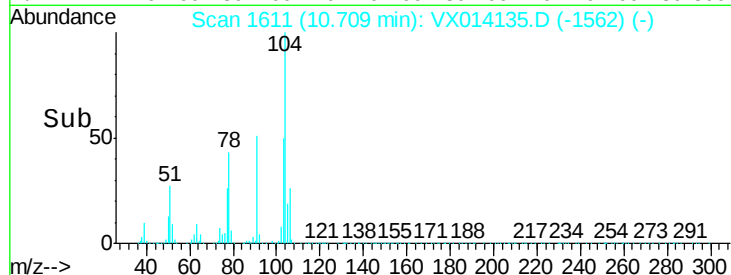
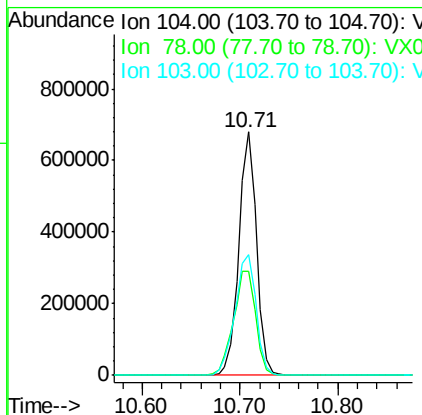
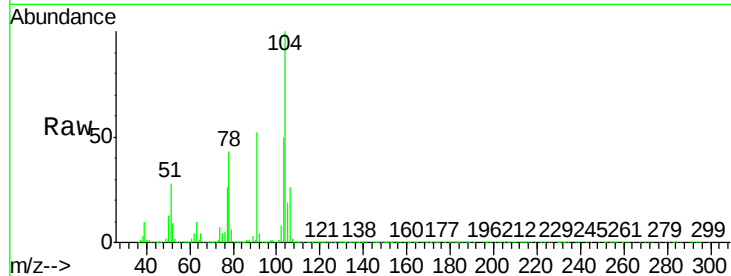
ClientSampleId :

MW-3MSD

Tot Ion:	104	Resp:	852396
Ion Ratio	Lower	Upper	
104	100		
78	53.4	38.5	57.7
103	59.1	42.9	64.3

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#71

Bromoform

Concen: 50.105 ug/l

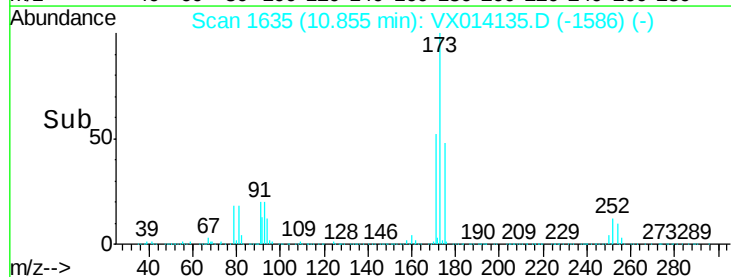
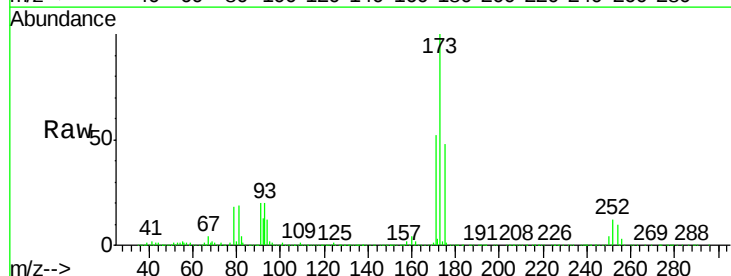
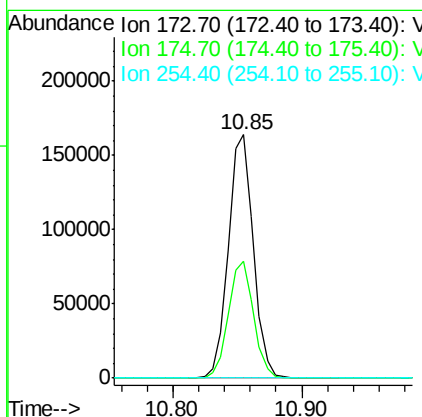
RT: 10.85 min Scan# 1635

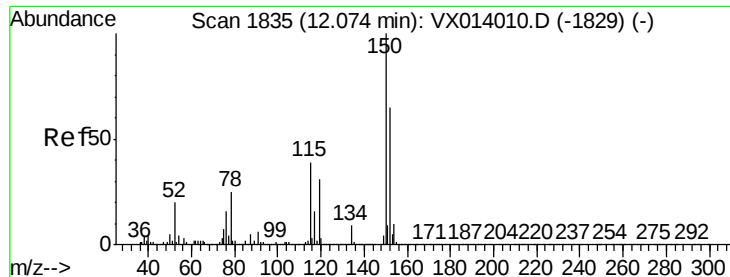
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	173	Resp:	222472
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.4	73.4
254	0.3	0.2	0.2#





#72

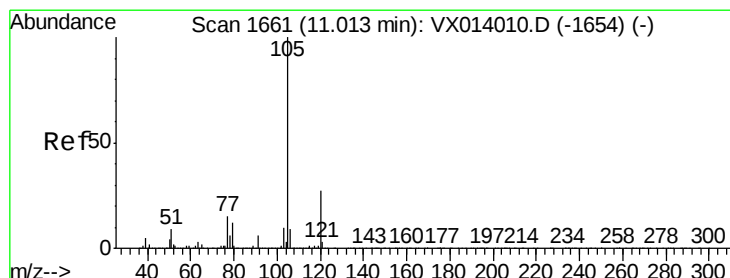
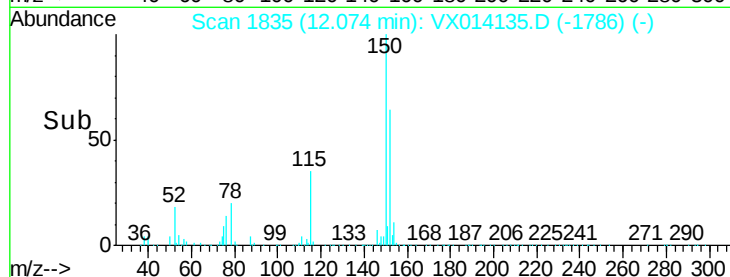
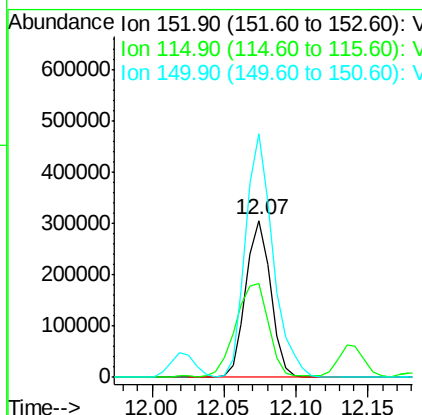
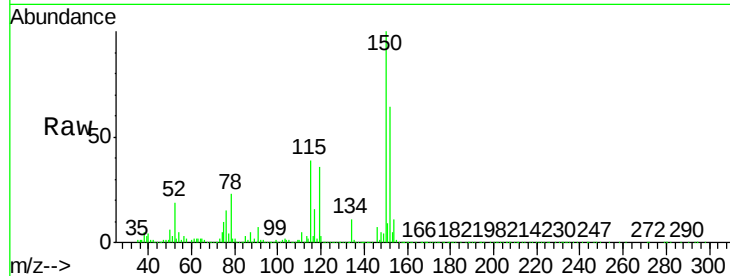
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	80.5	38.3	114.9
150	171.2	0.0	345.4

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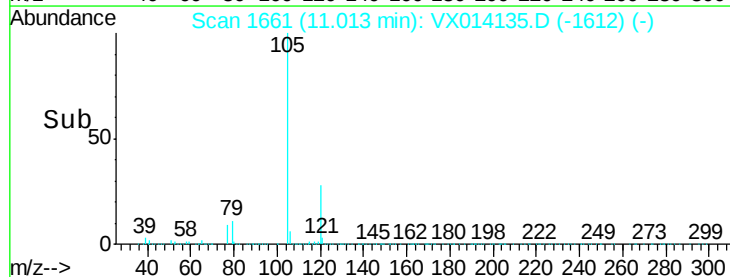
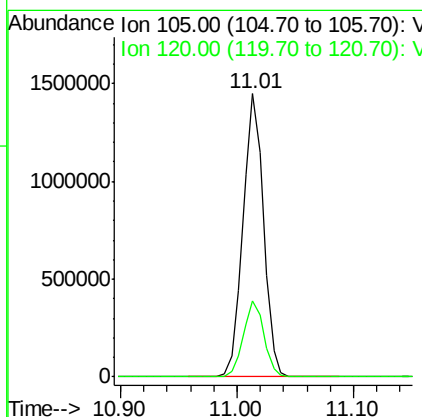
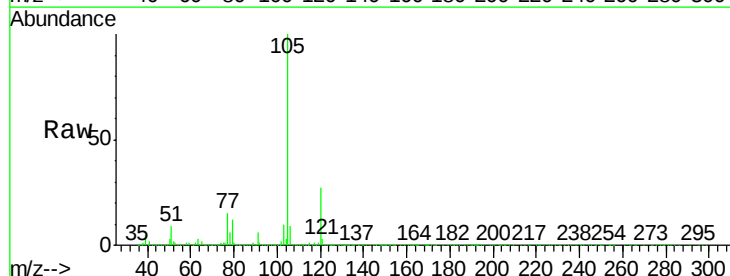
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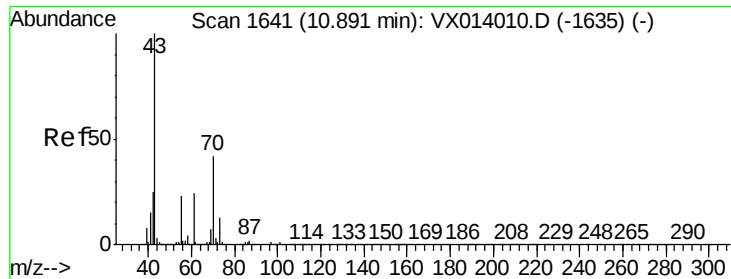


#73

Isopropylbenzene
Concen: 69.311 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4





#74

N-amvl acetate

Concen: 49.963 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

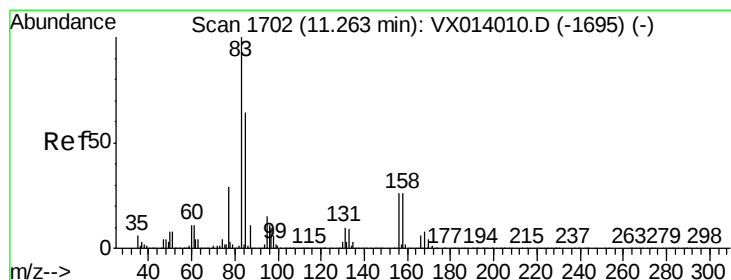
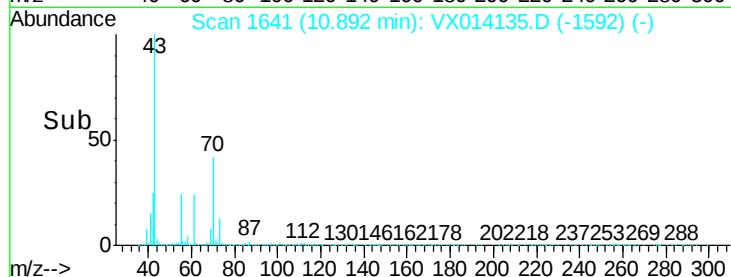
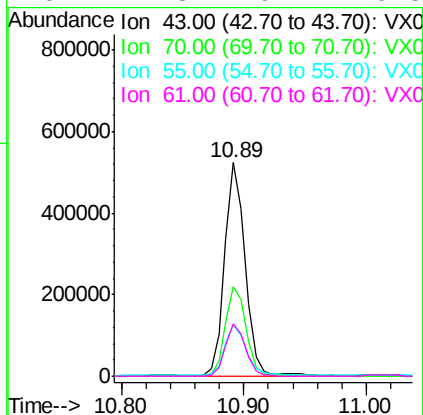
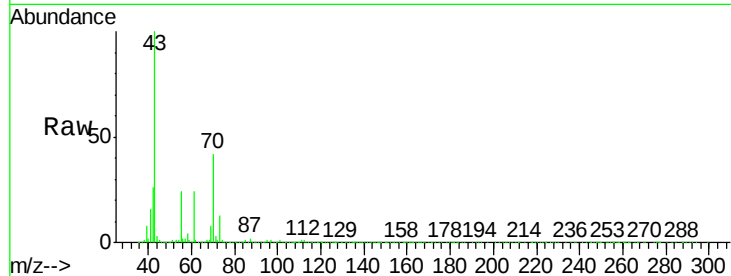
ClientSampleId :

MW-3MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	43.0	34.4	51.6
55	24.9	19.1	28.7
61	24.3	19.7	29.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.371 ug/l

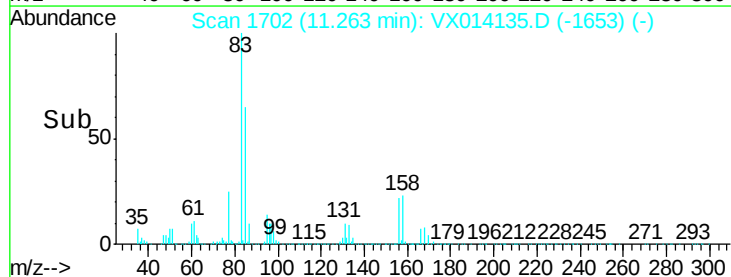
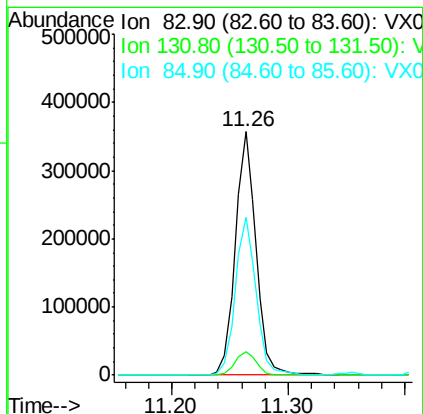
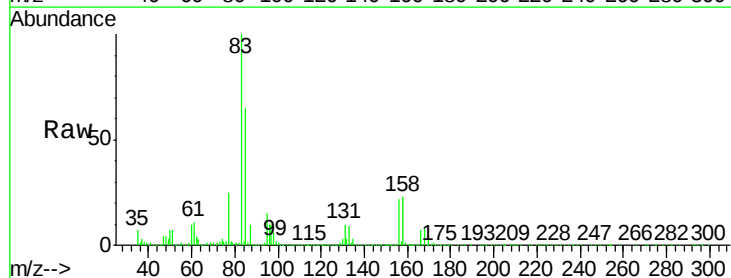
RT: 11.26 min Scan# 1702

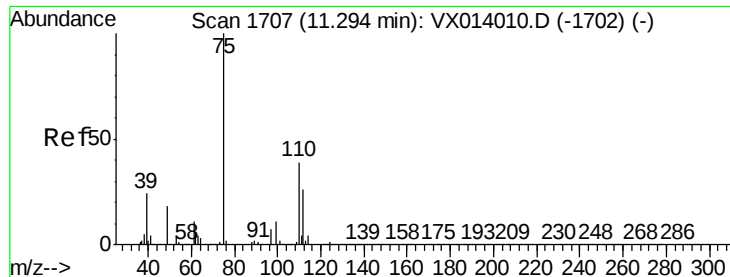
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	65.1	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 50.904 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 75 Resp: 404240

Ion Ratio Lower Upper

75 100

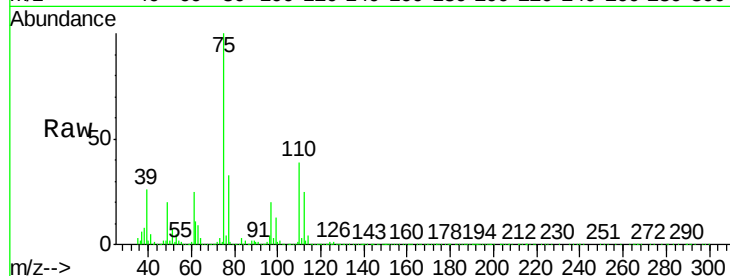
77 37.7 19.3 57.8

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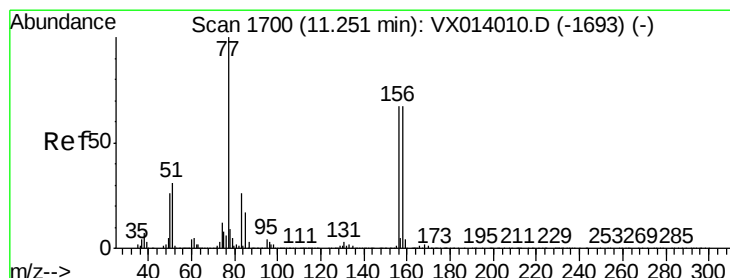
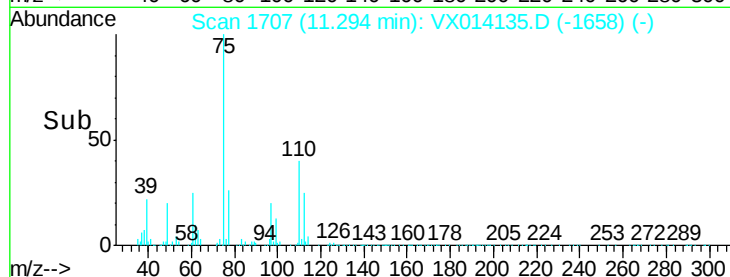
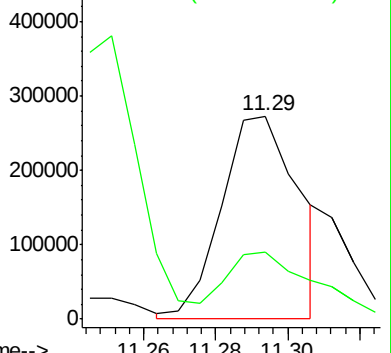
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 46.256 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

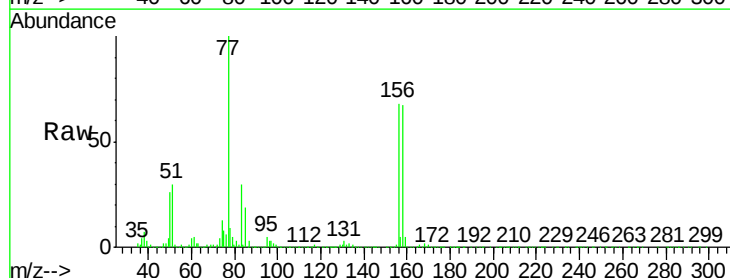
Tgt Ion: 156 Resp: 327766

Ion Ratio Lower Upper

156 100

77 154.3 76.5 229.5

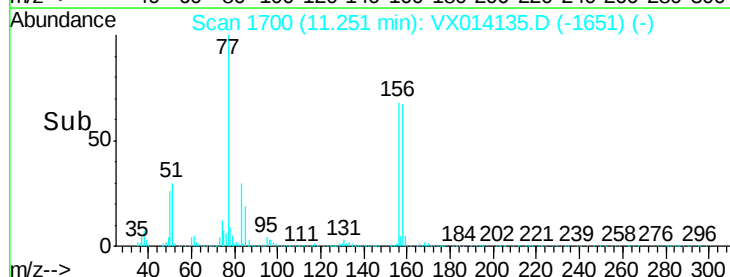
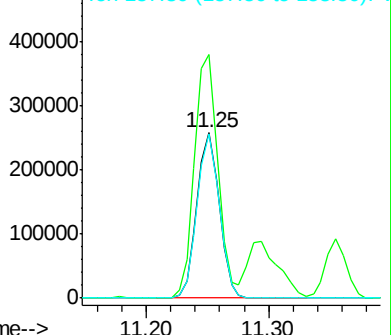
158 98.6 49.3 147.9

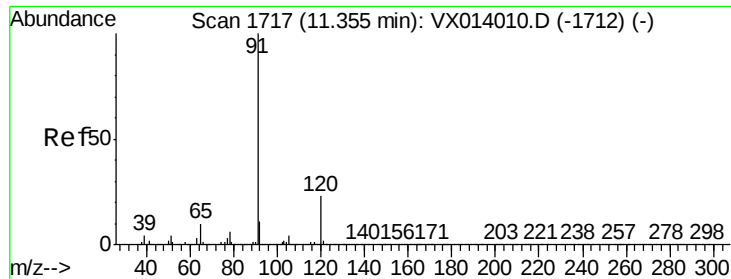


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 96.693 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 91 Resp: 2793260

Ion Ratio Lower Upper

91 100

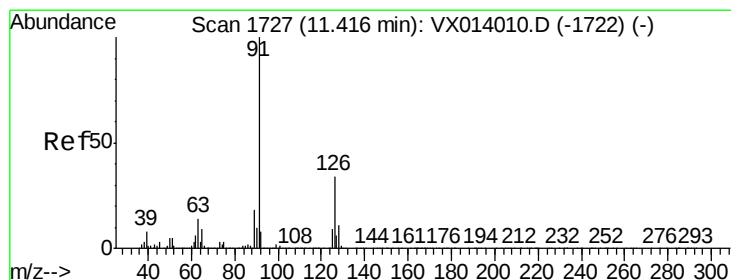
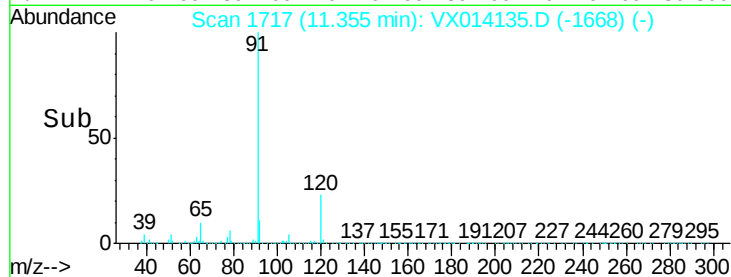
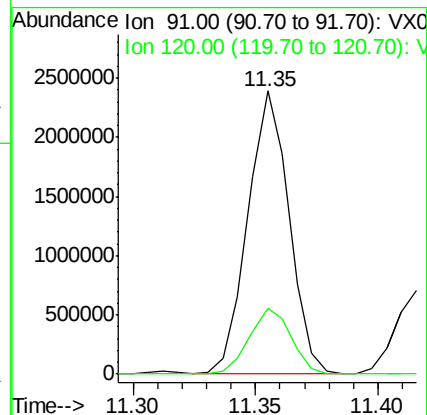
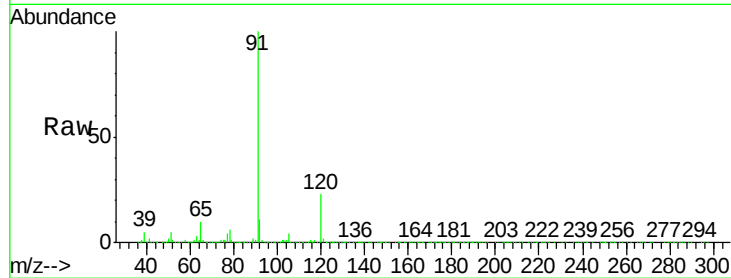
120 23.6 11.7 35.0

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#79

2-Chlorotoluene

Concen: 49.833 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014135.D

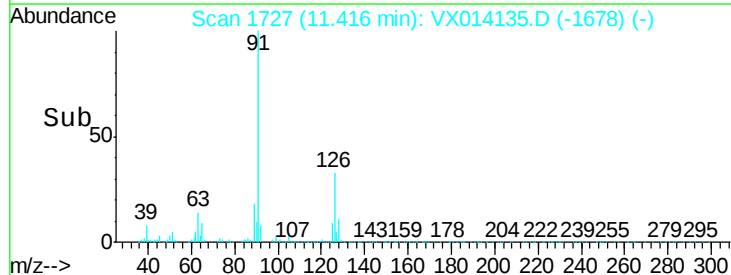
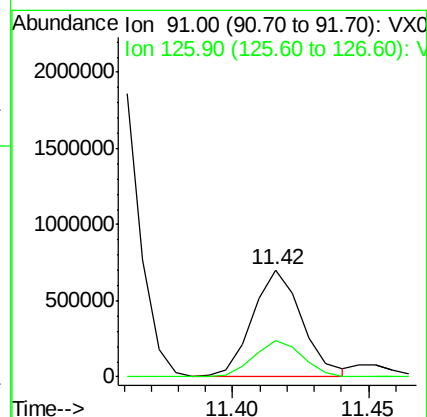
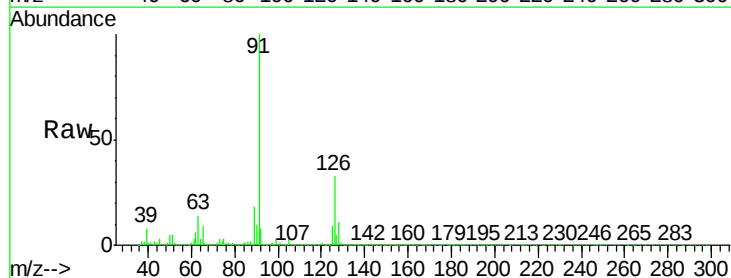
Acq: 19 Dec 2019 20:54

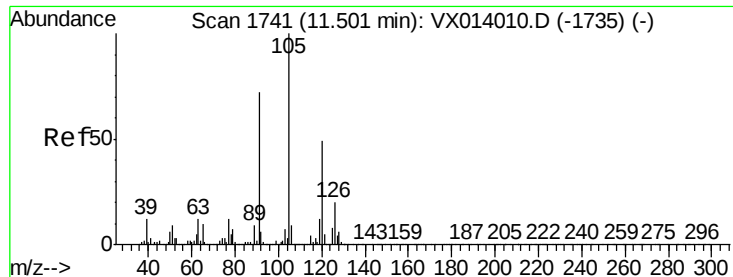
Tgt Ion: 91 Resp: 875086

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 65.434 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion:105 Resp: 1418277

Ion Ratio Lower Upper

105 100

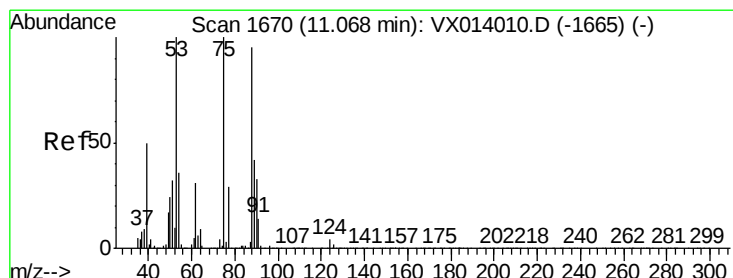
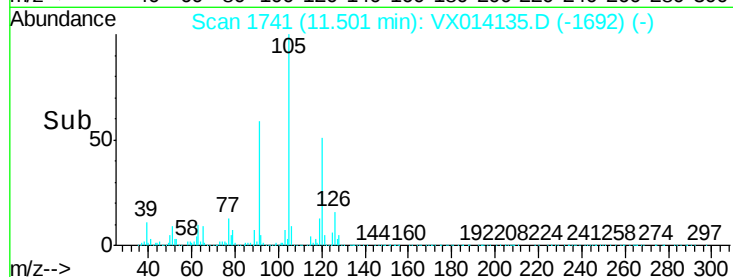
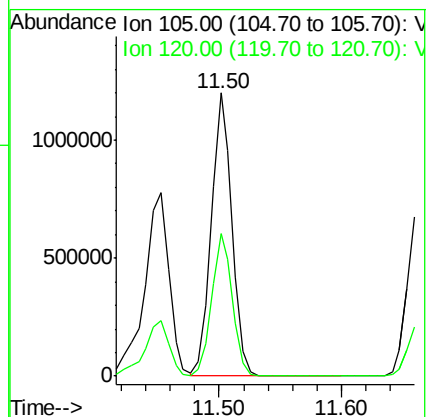
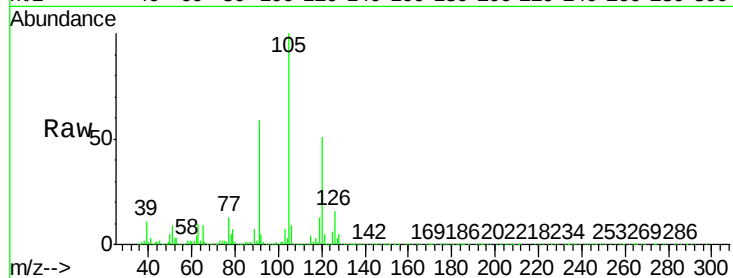
120 50.4 25.3 75.8

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#81

trans-1,4-Dichloro-2-butene

Concen: 49.589 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

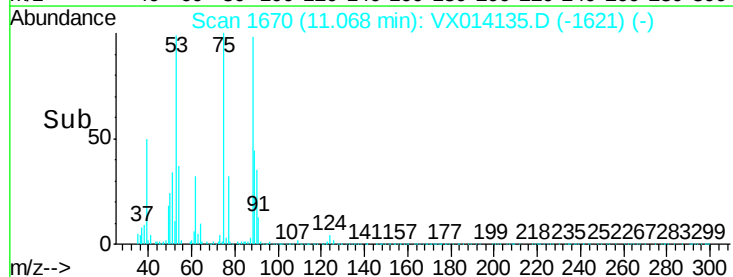
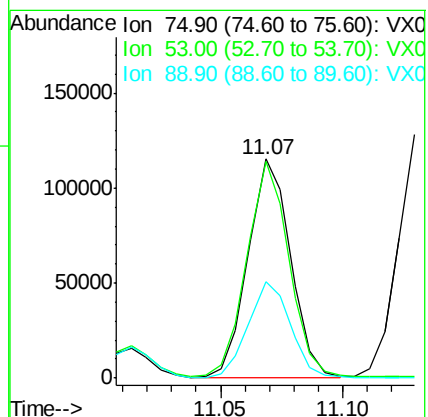
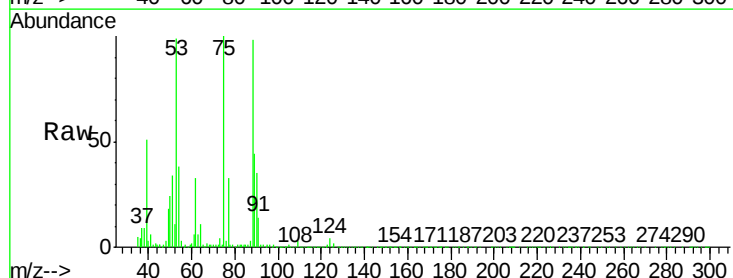
Tgt Ion: 75 Resp: 139519

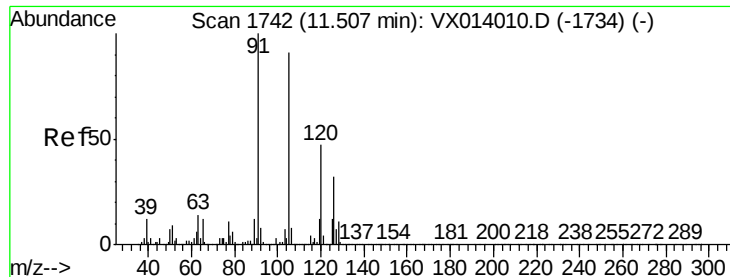
Ion Ratio Lower Upper

75 100

53 97.4 76.7 115.1

89 44.6 34.6 51.8





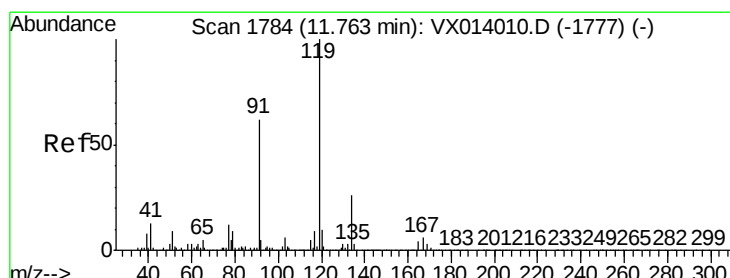
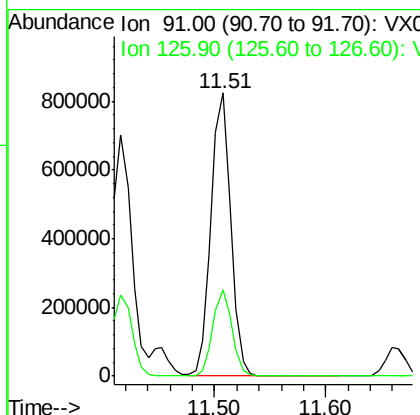
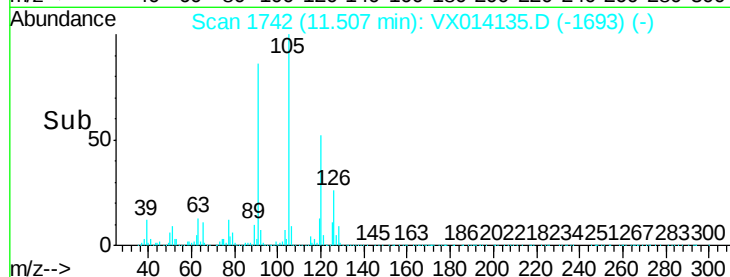
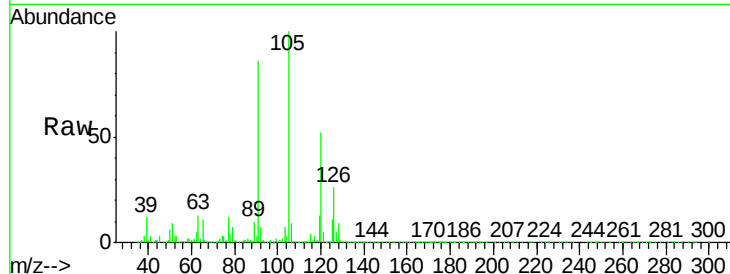
#82
4-Chlorotoluene
Concen: 49.955 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion: 91 Resp: 1017546
Ion Ratio Lower Upper
91 100
126 29.4 15.6 46.8

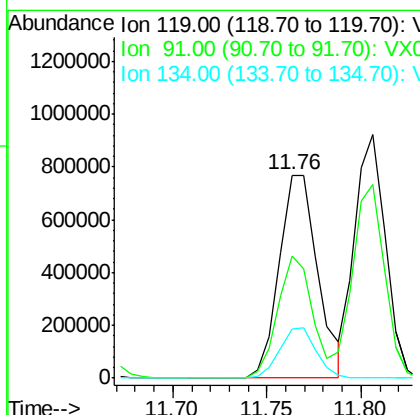
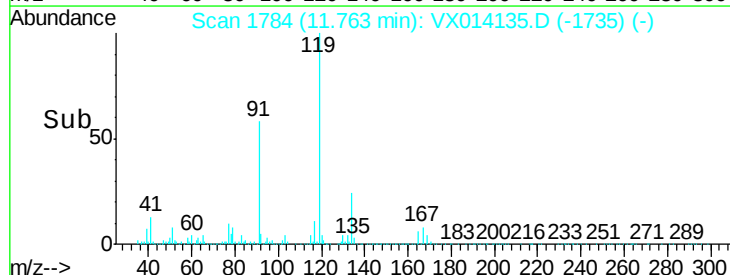
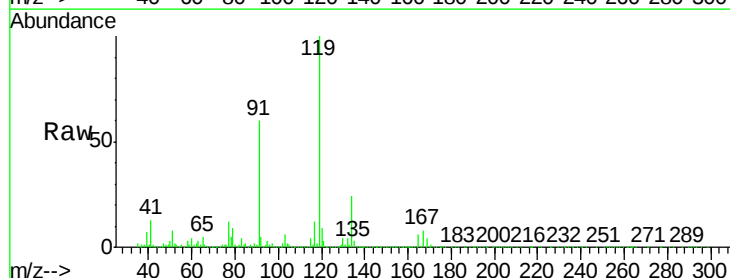
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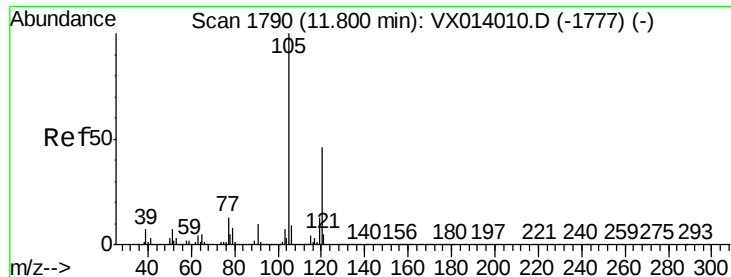
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#83
tert-Butylbenzene
Concen: 51.962 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion: 119 Resp: 1096044
Ion Ratio Lower Upper
119 100
91 53.3 28.5 85.6
134 23.3 12.2 36.6





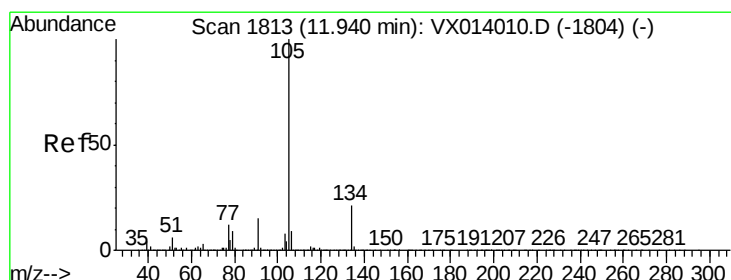
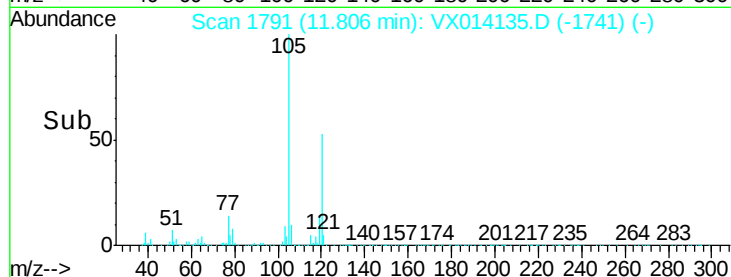
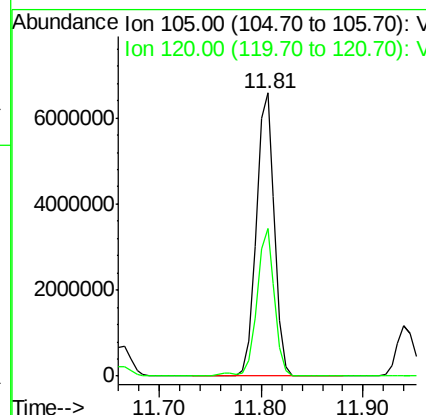
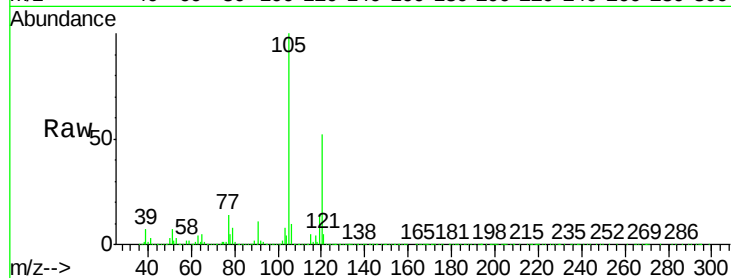
#84
 1,2,4-Trimethylbenzene
 Concen: 375.929 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion:105 Resp: 8159958
 Ion Ratio Lower Upper
 105 100
 120 49.9 23.1 69.2

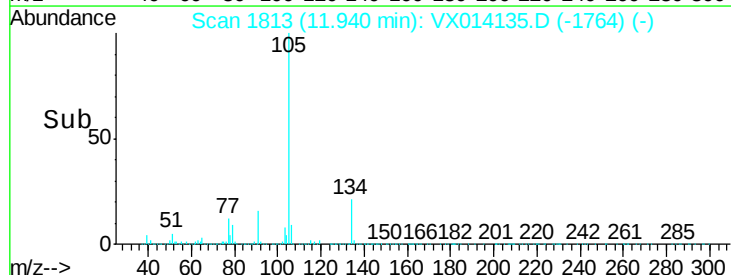
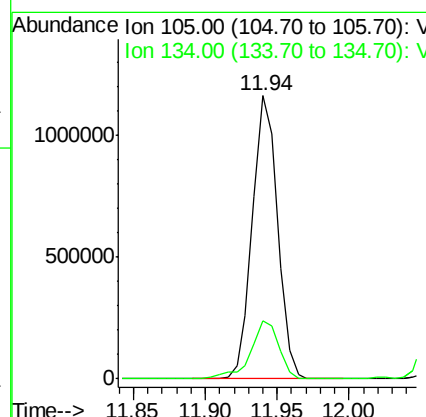
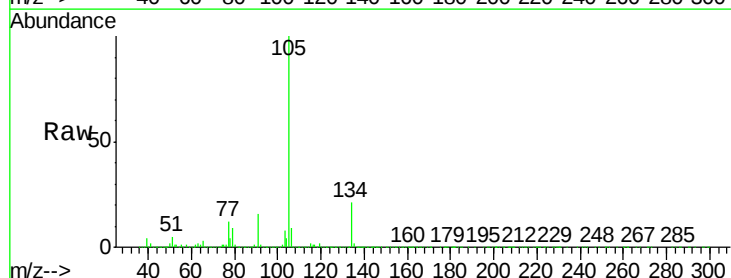
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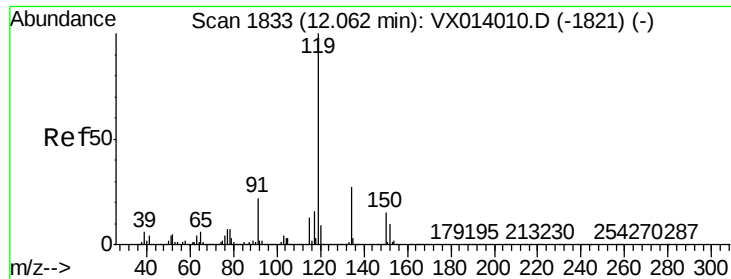
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#85
 sec-Butylbenzene
 Concen: 56.235 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Tgt Ion:105 Resp: 1400323
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.4 31.1





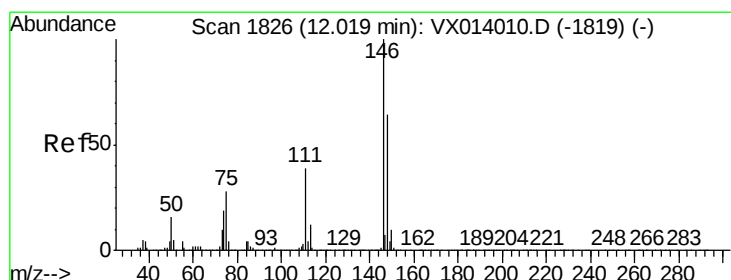
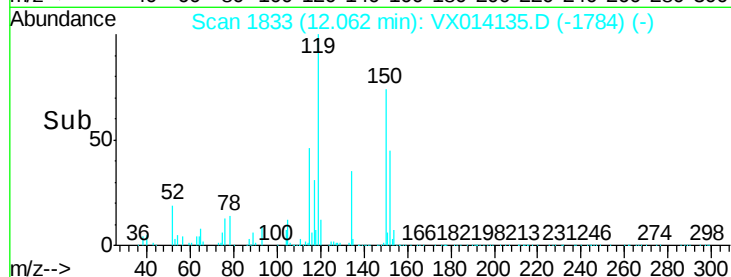
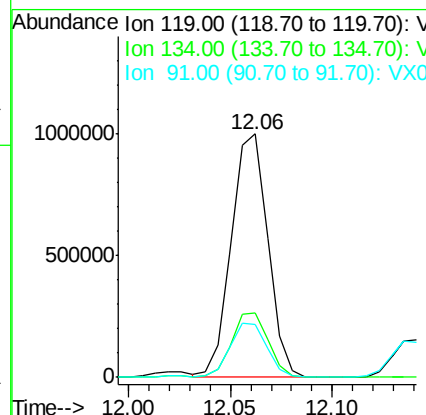
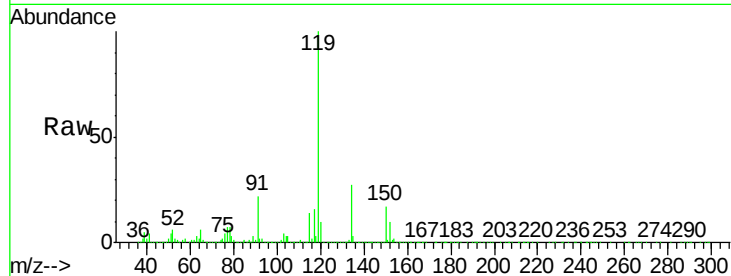
#86
p-Isopropyltoluene
Concen: 54.240 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.4	11.4	34.1

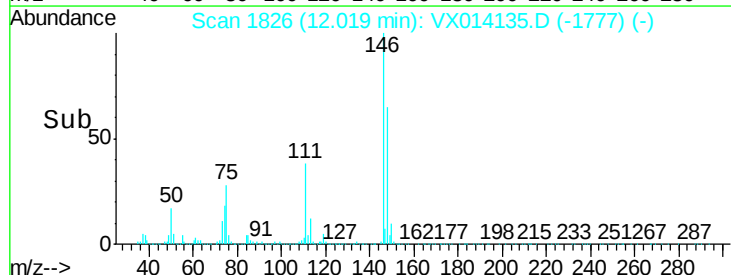
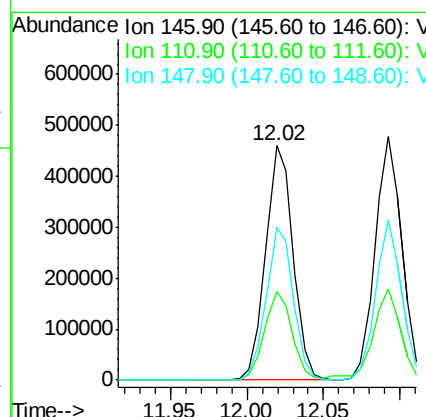
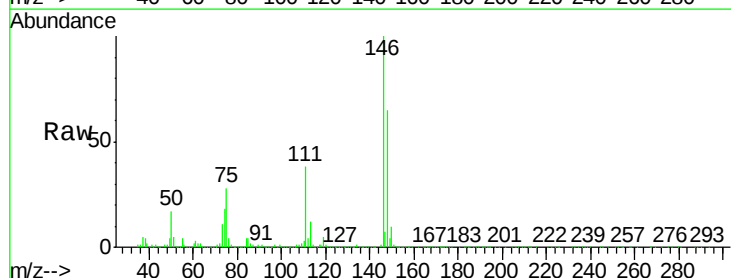
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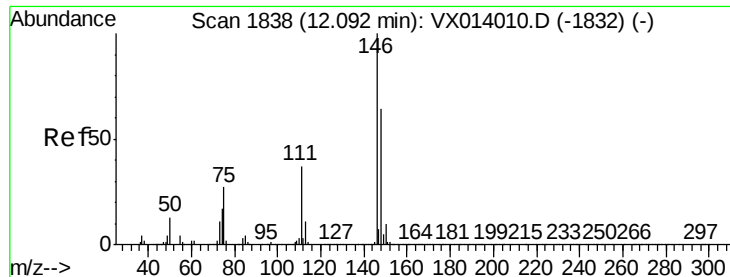
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#87
1,3-Dichlorobenzene
Concen: 46.437 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014135.D
Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.5	32.3	96.9





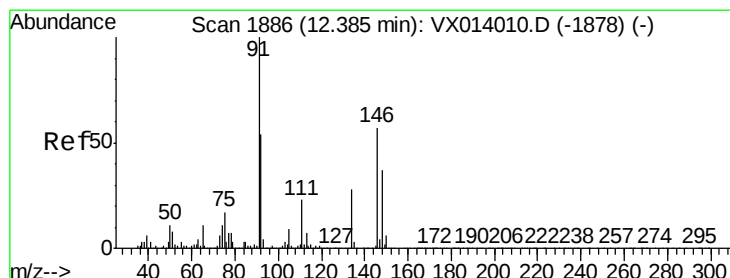
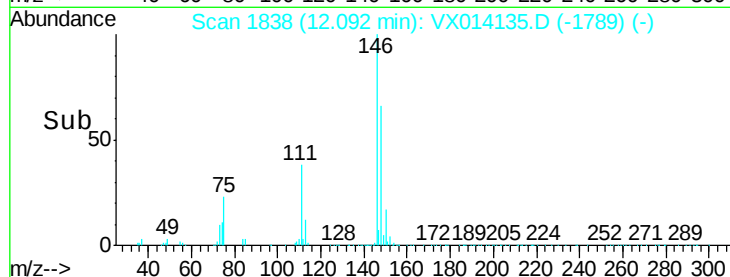
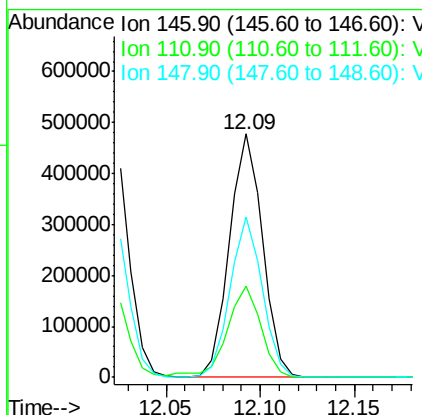
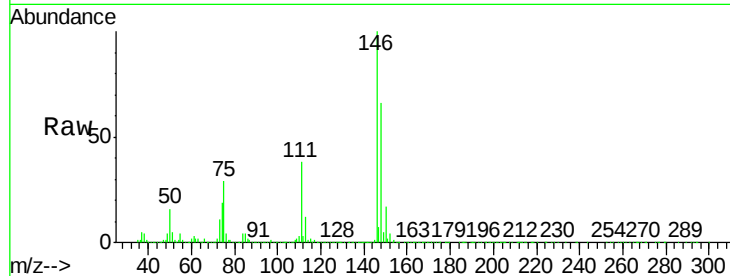
#88
 1,4-Dichlorobenzene
 Concen: 45.952 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.7	56.1
148	64.1	31.9	95.9

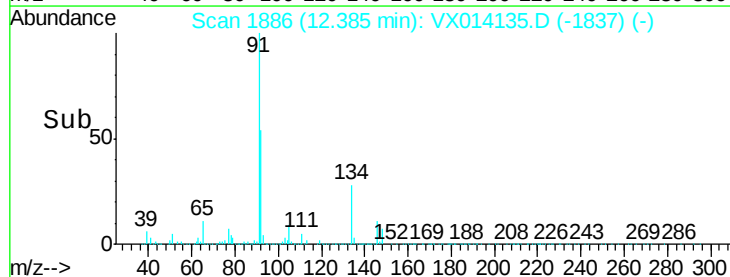
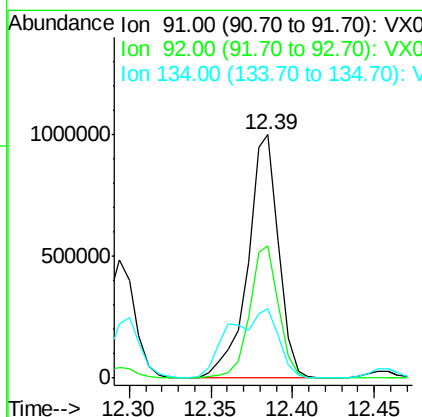
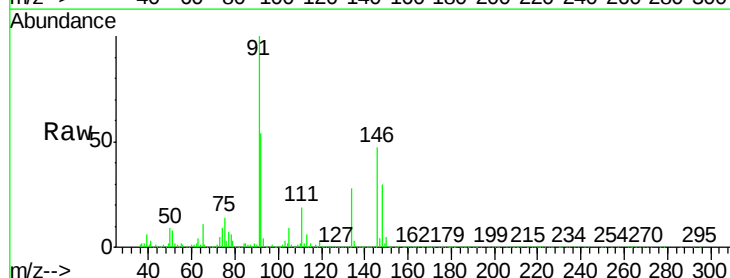
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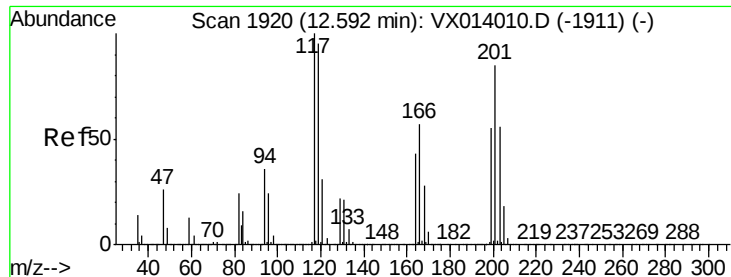
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#89
 n-Butylbenzene
 Concen: 67.420 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	27.2	81.6
134	45.2	13.4	40.1





#90

Hexachloroethane

Concen: 77.511 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion:117 Resp: 317119

Ion Ratio Lower Upper

117 100

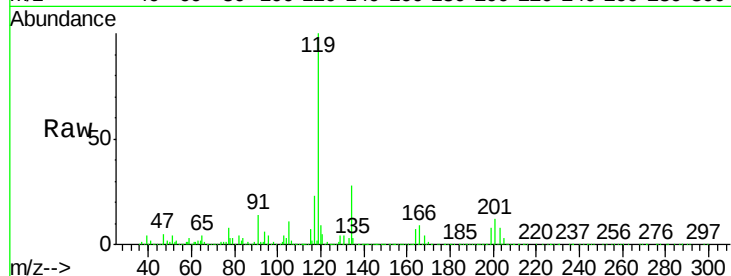
201 54.9 43.1 129.3

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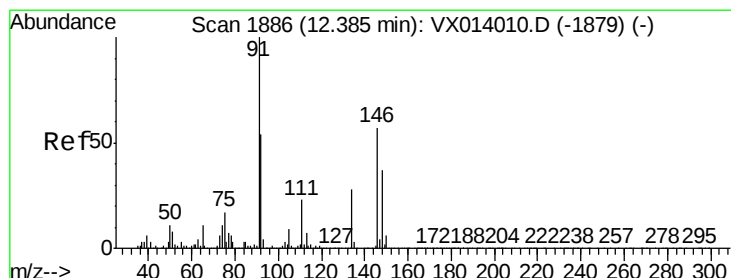
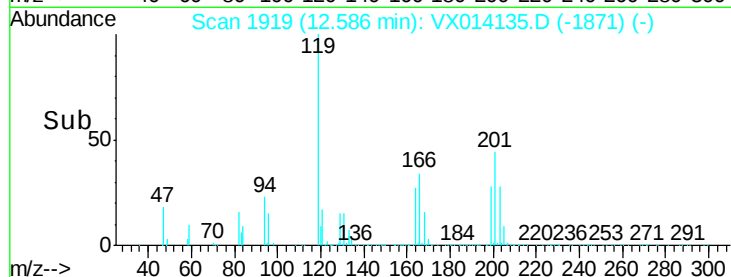
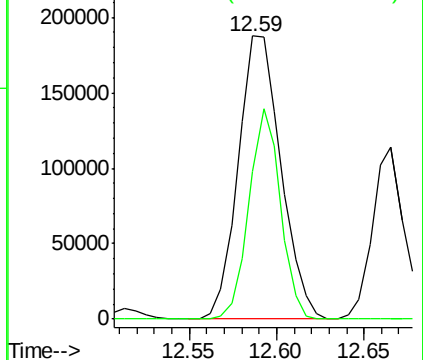
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 45.913 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

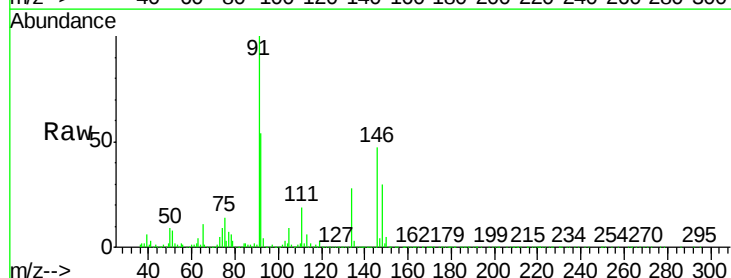
Tgt Ion:146 Resp: 573987

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.1

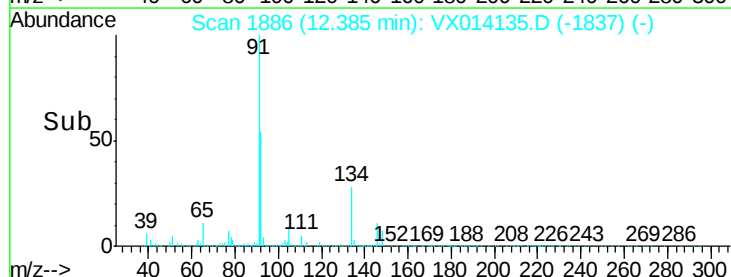
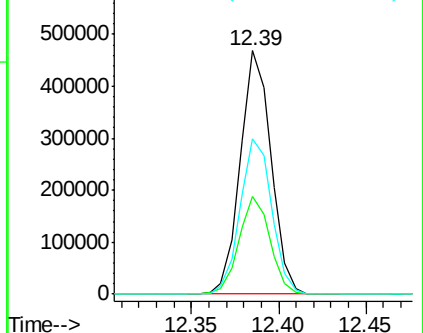
148 65.3 32.1 96.5

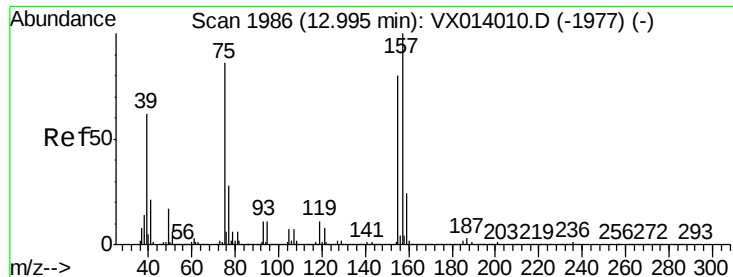


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 57.873 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

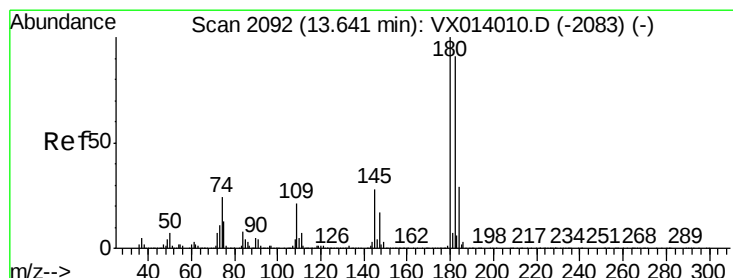
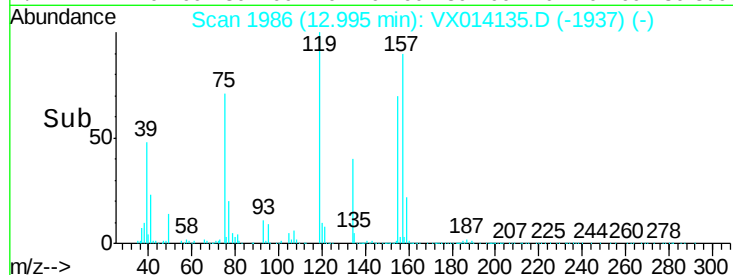
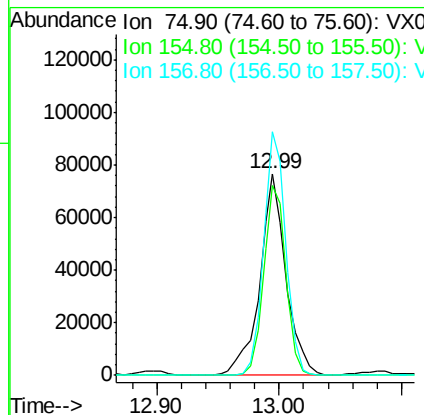
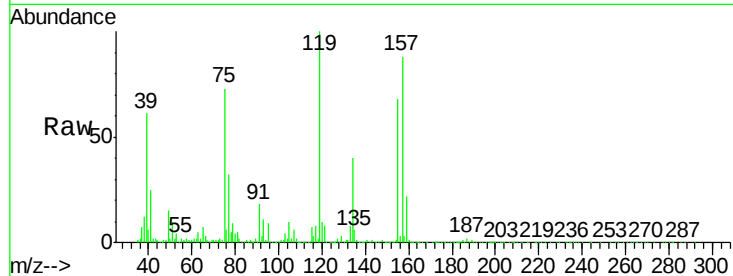
ClientSampleId :

MW-3MSD

Tot Ion:	75	Resp:	114351
Ion Ratio	Lower	Upper	
75	100		
155	80.0	46.9	140.6
157	102.4	60.8	182.4

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#93

1,2,4-Trichlorobenzene

Concen: 50.134 ug/l

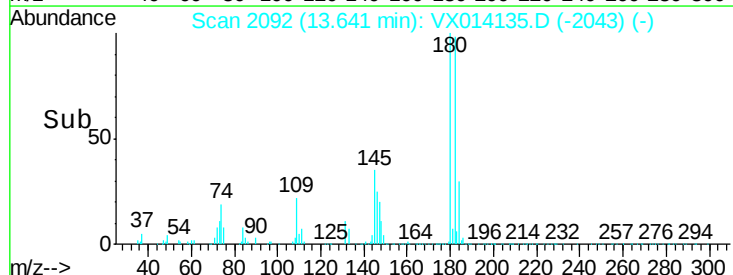
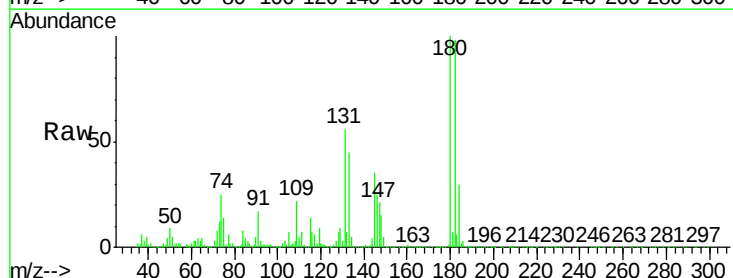
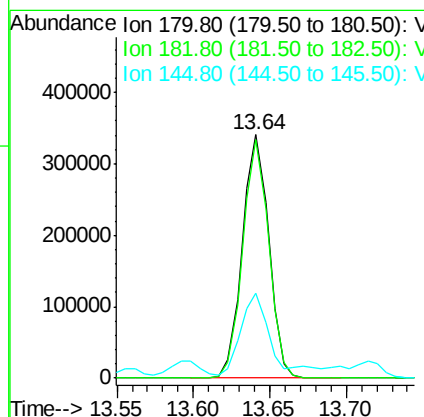
RT: 13.64 min Scan# 2092

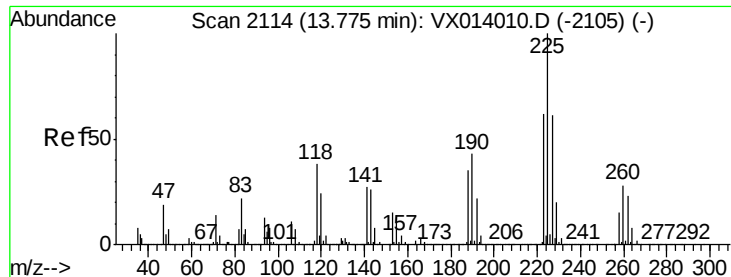
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	180	Resp:	407365
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.6	139.8
145	34.9	14.2	42.6





#94

Hexachlorobutadiene

Concen: 47.121 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Instrument :

MSVOA_X

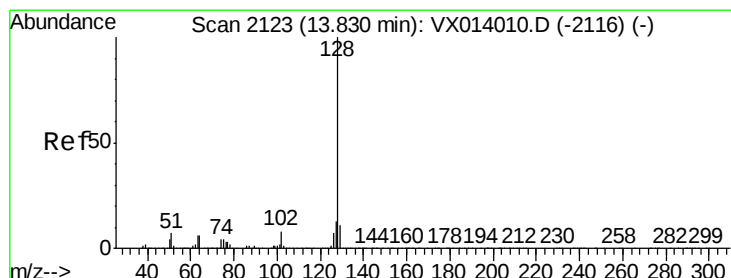
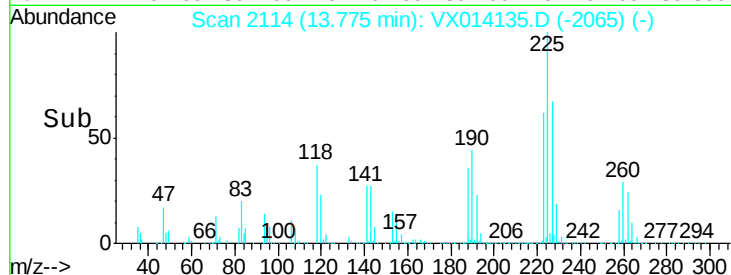
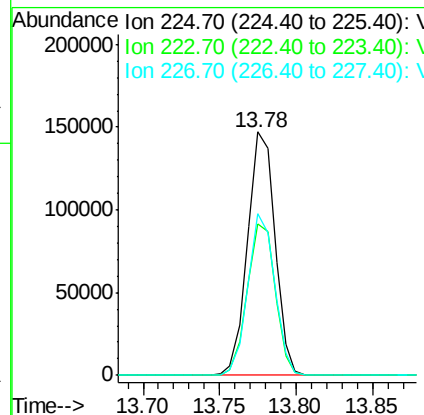
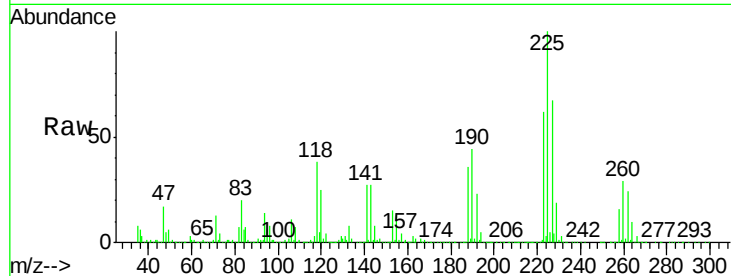
ClientSampled :

MW-3MSD

Tot Ion:	225	Resp:	184011
Ion Ratio		Lower	Upper
225	100		
223	63.4	30.9	92.5
227	65.0	30.9	92.7

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#95

Naphthalene

Concen: 159.995 ug/l

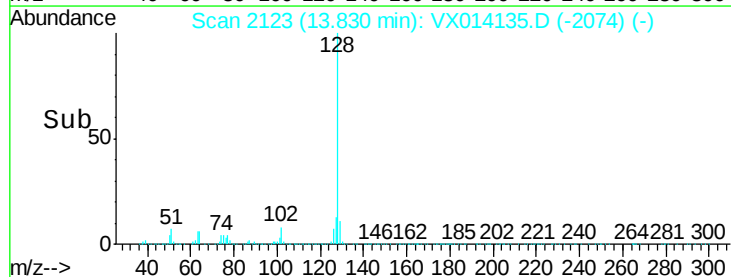
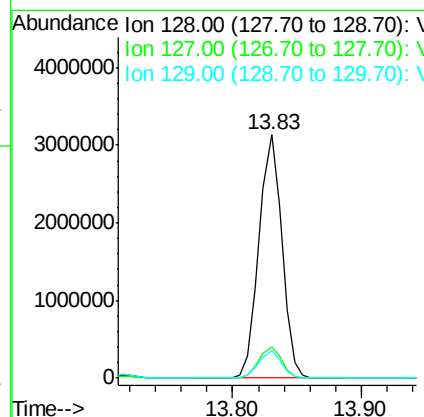
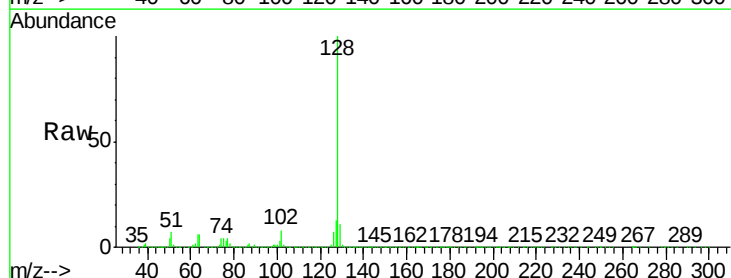
RT: 13.83 min Scan# 2123

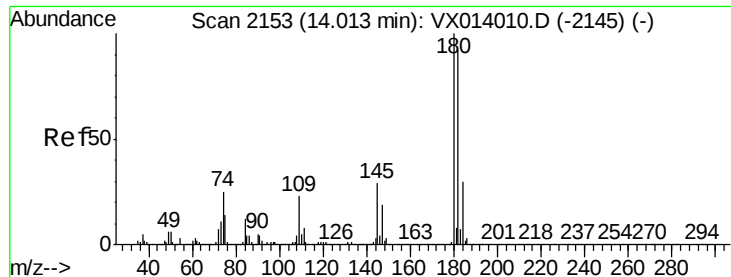
Delta R.T. 0.00 min

Lab File: VX014135.D

Acq: 19 Dec 2019 20:54

Tgt Ion:	128	Resp:	3819575
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.4	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 51.182 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014135.D
 Acq: 19 Dec 2019 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	46.8	140.3
145	35.7	14.8	44.4

Manual Integrations
 APPROVED

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