

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014066.D
 Acq On : 17 Dec 2019 20:52
 Operator : JC/SP
 Sample : K6251-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Manual Integrations
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 12/18/2019 11:04:35 AM

Quant Time: Dec 18 08:02:31 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	509931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	809306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	732965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	286810	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.48	113	239901	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.71	98	912918	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.13	95	314617	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	212211	46.517	ug/l	100
3) Chloromethane	1.32	50	310832	50.771	ug/l	99
4) Vinyl Chloride	1.40	62	319842	49.510	ug/l	99
5) Bromomethane	1.63	94	215304	46.958	ug/l	99
6) Chloroethane	1.71	64	199322	49.992	ug/l	97
7) Trichlorofluoromethane	1.92	101	413088	51.656	ug/l	99
8) Diethyl Ether	2.18	74	189428	50.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	216464	44.904	ug/l	100
10) Methyl Iodide	2.50	142	332886	52.240	ug/l	98
11) Tert butyl alcohol	3.03	59	384690	308.051	ug/l	100
12) 1,1-Dichloroethene	2.36	96	249560	50.877	ug/l	99
13) Acrolein	2.28	56	236879	331.371	ug/l	98
14) Allyl chloride	2.72	41	431107	49.224	ug/l	98
15) Acrylonitrile	3.13	53	834360	286.254	ug/l	100
16) Acetone	2.43	43	743491	198.156	ug/l	99
17) Carbon Disulfide	2.56	76	661873	48.625	ug/l	100
18) Methyl Acetate	2.76	43	340719	45.827	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	843865	52.353	ug/l	99
20) Methylene Chloride	2.84	84	290361	49.143	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	269625	49.893	ug/l	99
22) Diisopropyl ether	3.84	45	923076	52.890	ug/l	93
23) Vinyl Acetate	3.80	43	3183257	223.505	ug/l	100
24) 1,1-Dichloroethane	3.69	63	515417	53.081	ug/l	100
25) 2-Butanone	4.65	43	1198770	259.147	ug/l	98
26) 2,2-Dichloropropane	4.57	77	192488	25.532	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	363352	59.452	ug/l	92
28) Bromochloromethane	5.00	49	197779	52.936	ug/l	98
29) Tetrahydrofuran	5.11	42	768999	297.215	ug/l	99
30) Chloroform	5.20	83	481488	52.308	ug/l	99
31) Cyclohexane	5.57	56	419524	48.578	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	398309	50.772	ug/l	99
36) 1,1-Dichloropropene	5.79	75	351967	47.398	ug/l	98
37) Ethyl Acetate	4.82	43	370886	45.229	ug/l	99
38) Carbon Tetrachloride	5.77	117	334142	49.394	ug/l	98

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Quant Time: Dec 18 08:02:31 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	385316	42.023	ug/l	98
40) Benzene	6.14	78	1114335	48.771	ug/l	100
41) Methacrylonitrile	5.03	41	247614	54.422	ug/l	99
42) 1,2-Dichloroethane	6.18	62	389504	50.290	ug/l	99
43) Isopropyl Acetate	6.43	43	637649	46.986	ug/l	100
44) Trichloroethene	7.20	130	573811	90.923	ug/l	98
45) 1,2-Dichloropropane	7.51	63	297103	50.733	ug/l	96
46) Dibromomethane	7.65	93	189237	48.875	ug/l	99
47) Bromodichloromethane	7.89	83	370400	50.795	ug/l	99
48) Methyl methacrylate	7.76	41	357013	53.724	ug/l	99
49) 1,4-Dioxane	7.73	88	162127	1198.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2329442	273.319	ug/l	99
52) Toluene	8.78	92	692924	47.980	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	372879	46.634	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	410403	46.072	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	284787	49.202	ug/l	98
56) Ethyl methacrylate	9.17	69	470819	51.783	ug/l	99
57) 1,3-Dichloropropane	9.37	76	489496	50.264	ug/l	100
59) 2-Hexanone	9.48	43	1806493	263.303	ug/l	100
60) Dibromochloromethane	9.57	129	297116	51.642	ug/l	99
61) 1,2-Dibromoethane	9.67	107	301448	50.902	ug/l	100
64) Tetrachloroethene	9.33	164	337642	52.058	ug/l	98
65) Chlorobenzene	10.14	112	738462	47.384	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	275109	49.439	ug/l	100
67) Ethyl Benzene	10.25	91	1308252	48.827	ug/l	100
68) m/p-Xylenes	10.35	106	989558	96.025	ug/l	99
69) o-Xylene	10.70	106	484357	47.924	ug/l	98
70) Styrene	10.71	104	820142	47.988	ug/l	98
71) Bromoform	10.85	173	233104	52.114	ug/l #	100
73) Isopropylbenzene	11.01	105	1254241	51.274	ug/l	100
74) N-amyl acetate	10.89	43	502227	43.801	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	464117	54.727	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	417900m	55.405	ug/l	
77) Bromobenzene	11.25	156	331752	49.292	ug/l	99
78) n-propylbenzene	11.35	91	1384484	50.459	ug/l	99
79) 2-Chlorotoluene	11.42	91	840580	50.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1025291	49.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	123305	46.142	ug/l	99
82) 4-Chlorotoluene	11.51	91	951108	49.161	ug/l	100
83) tert-Butylbenzene	11.76	119	1037532	51.787	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1042381	50.560	ug/l	100
85) sec-Butylbenzene	11.94	105	1156021	48.878	ug/l	100
86) p-Isopropyltoluene	12.06	119	1055801	48.801	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	557080	47.228	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	552891	46.098	ug/l	99
89) n-Butylbenzene	12.39	91	853420	46.230	ug/l	99
90) Hexachloroethane	12.59	117	197545	50.835	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	571176	48.102	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100882	53.755	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	343185	44.467	ug/l	97

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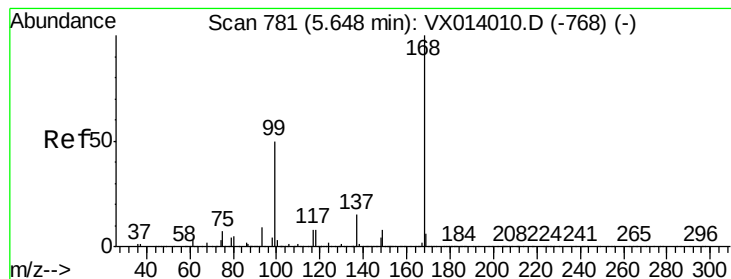
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Quant Time: Dec 18 08:02:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	154300	41.600	ug/l	97
95) Naphthalene	13.83	128	1122251	49.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	357531	46.929	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

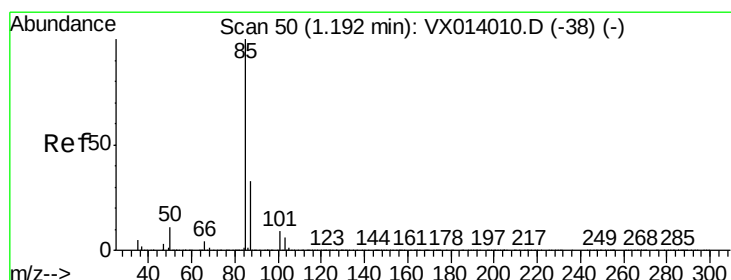
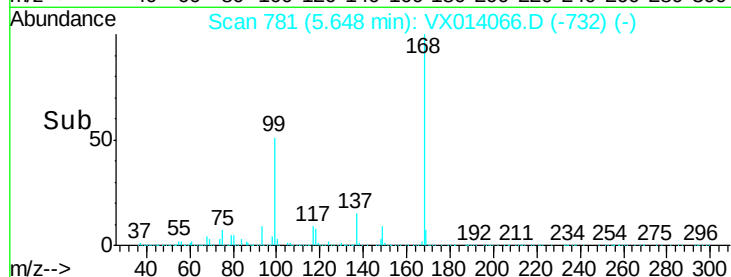
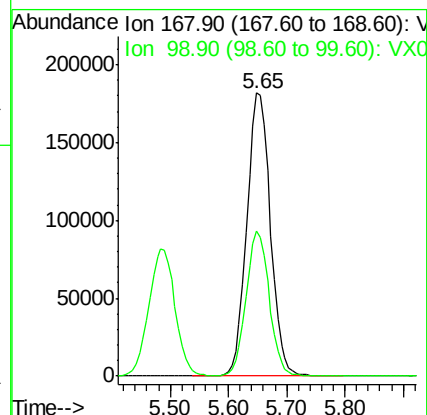
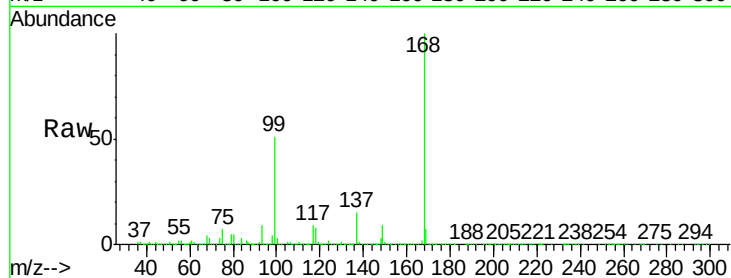
ClientSampleId :

MW202D-20191207MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	509931		
99	51.2		40.3	60.5

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#2

Dichlorodifluoromethane

Concen: 46.517 ug/l

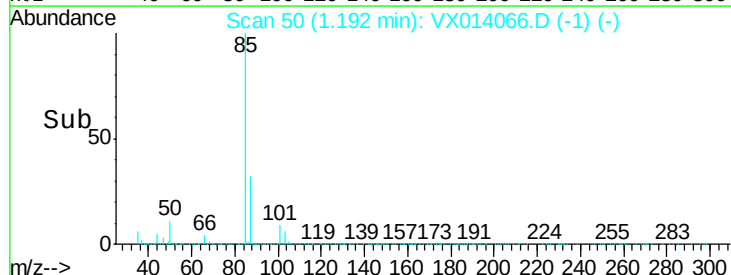
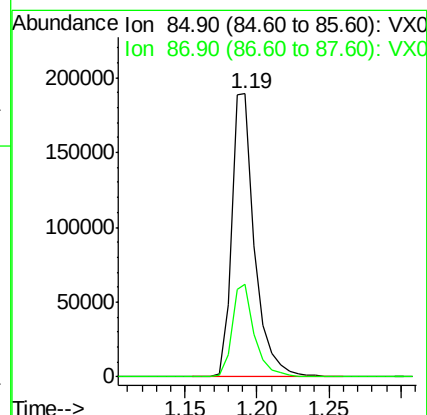
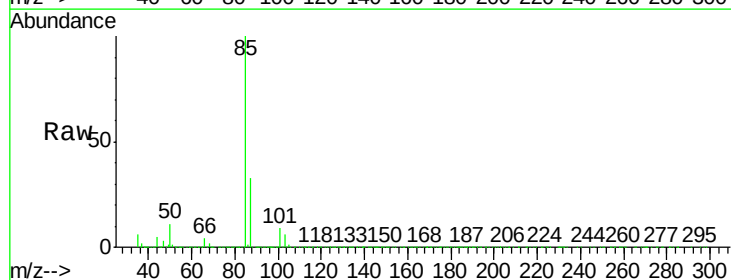
RT: 1.19 min Scan# 50

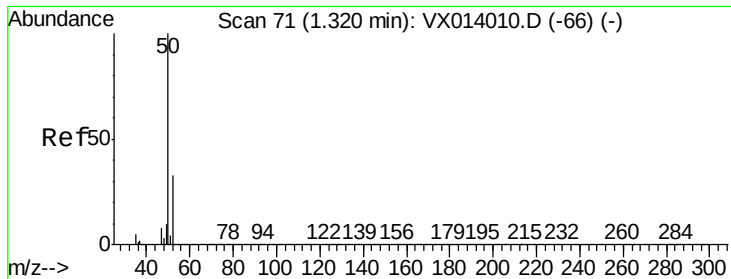
Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	212211		
87	32.5		16.4	49.2





#3

Chloromethane

Concen: 50.771 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 50 Resp: 310832

Ion Ratio Lower Upper

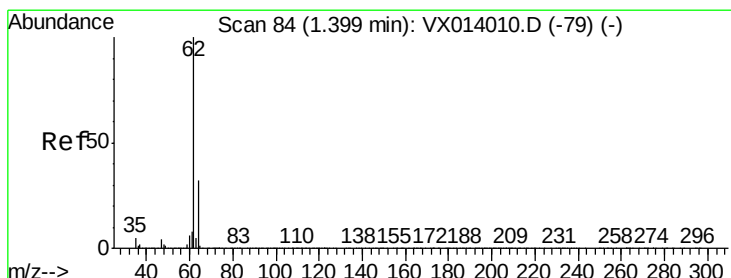
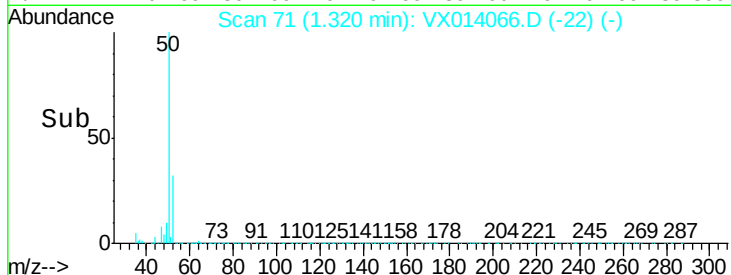
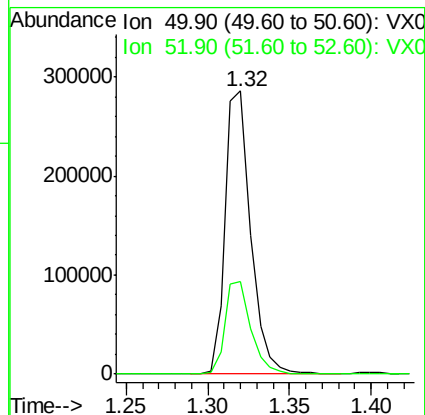
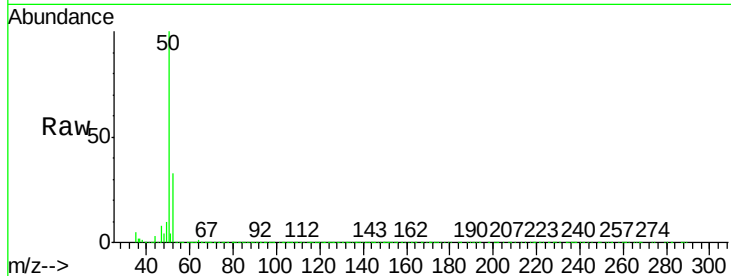
50 100

52 32.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 49.510 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014066.D

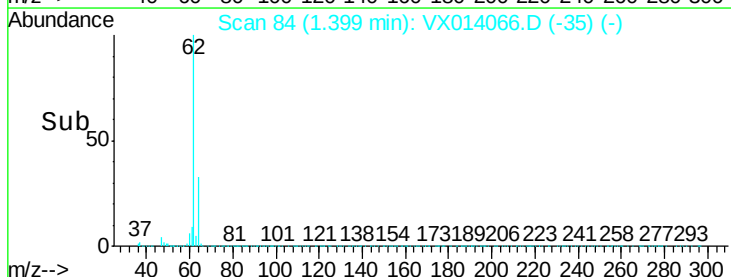
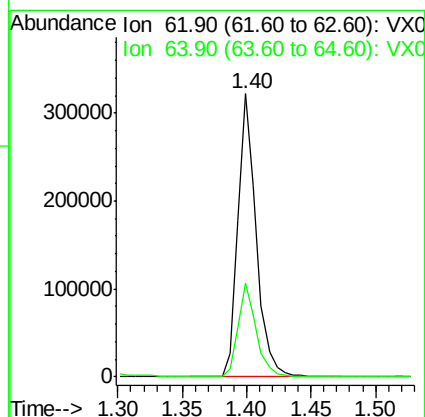
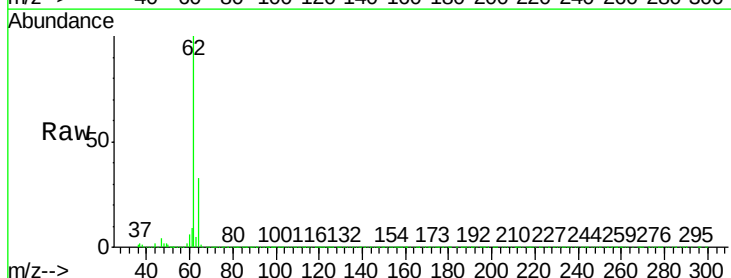
Acq: 17 Dec 2019 20:52

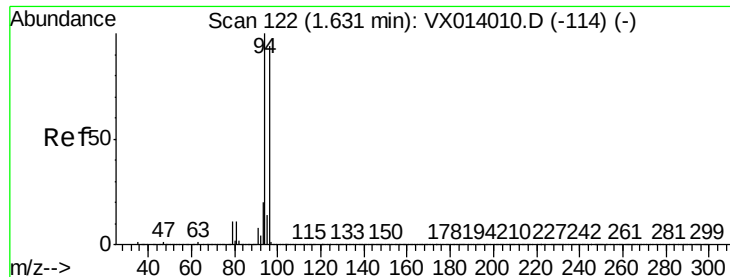
Tgt Ion: 62 Resp: 319842

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 46.958 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 94 Resp: 215304

Ion Ratio Lower Upper

94 100

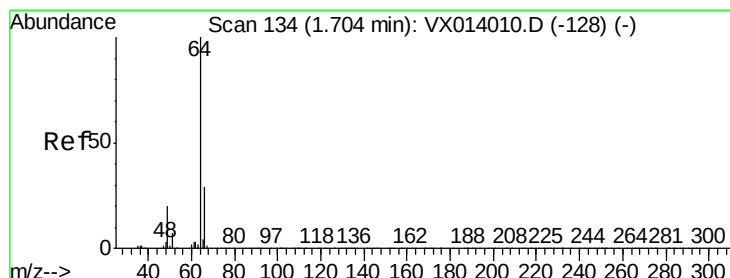
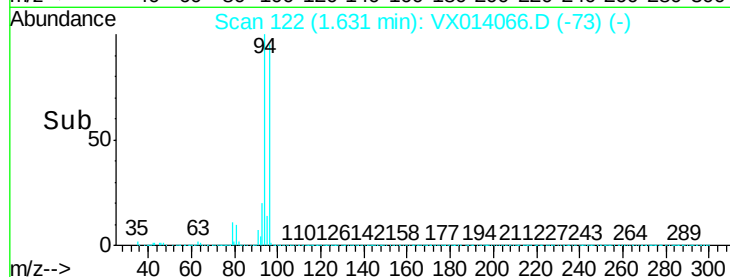
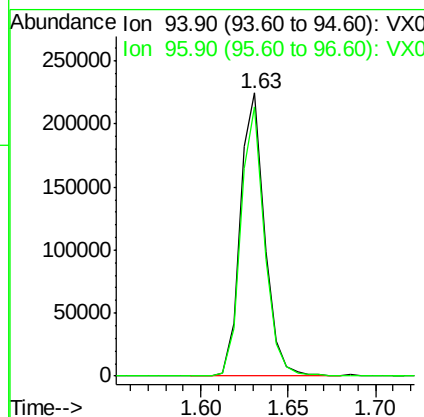
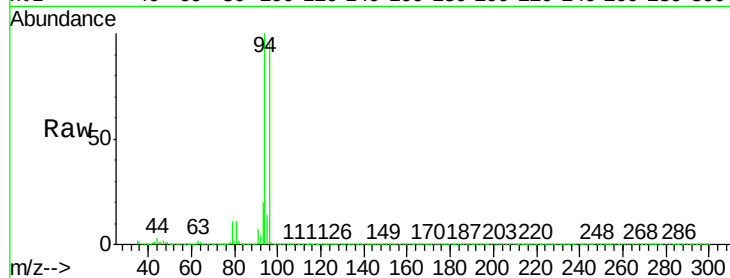
96 94.9 75.2 112.8

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#6

Chloroethane

Concen: 49.992 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014066.D

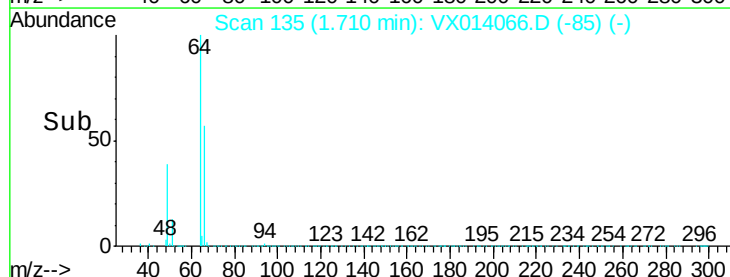
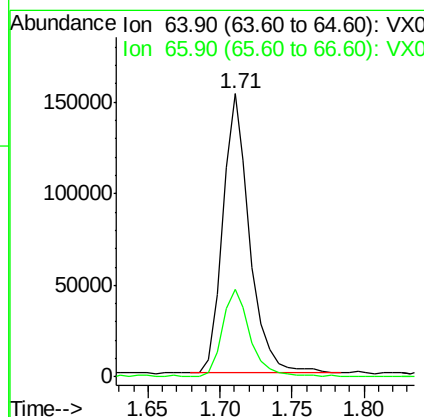
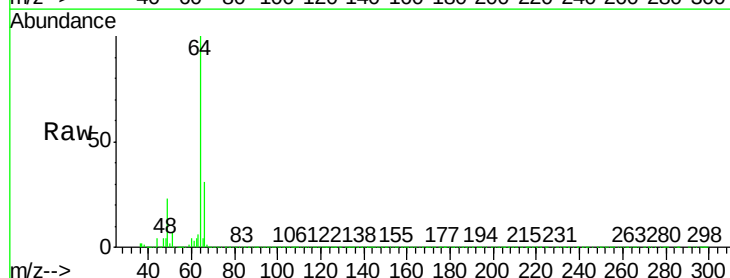
Acq: 17 Dec 2019 20:52

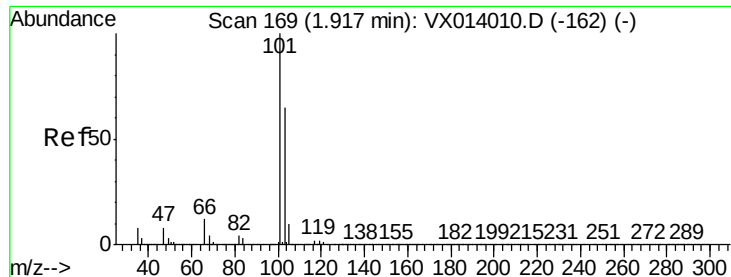
Tgt Ion: 64 Resp: 199322

Ion Ratio Lower Upper

64 100

66 31.2 23.4 35.2





#7

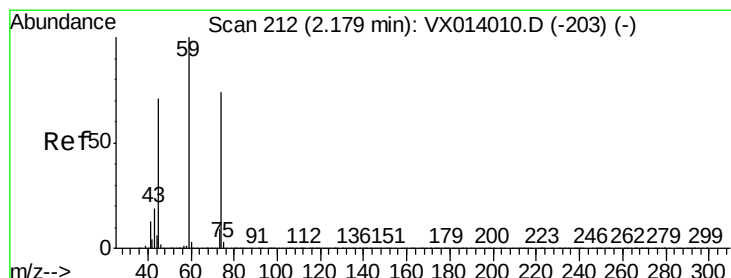
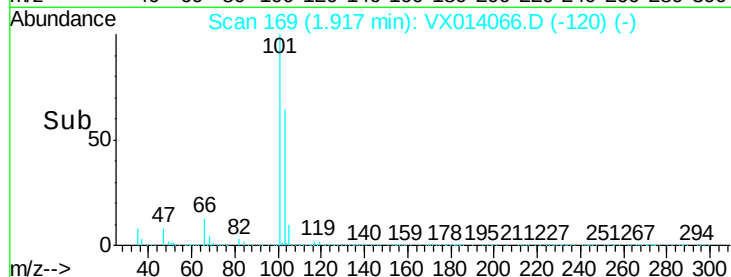
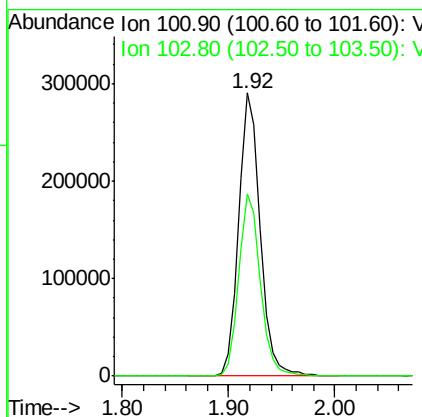
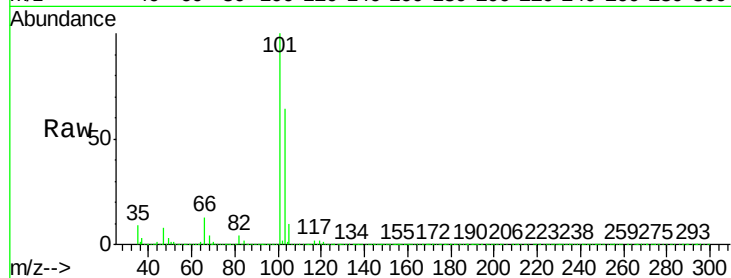
Trichlorofluoromethane
Concen: 51.656 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
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ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

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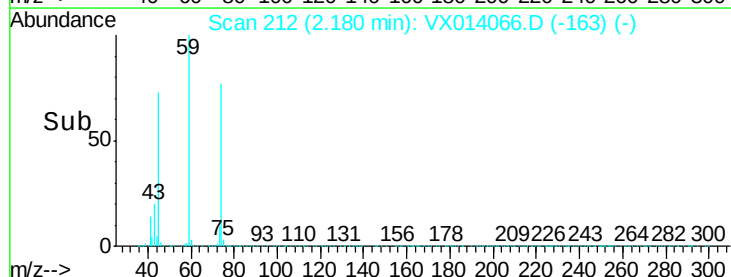
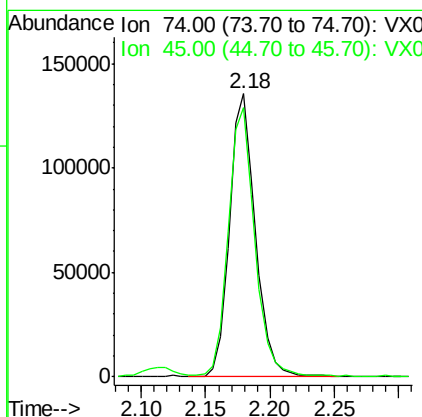
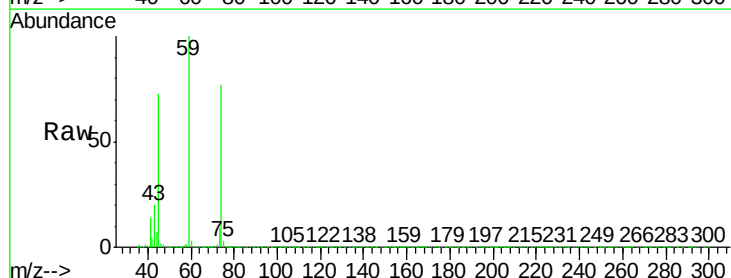
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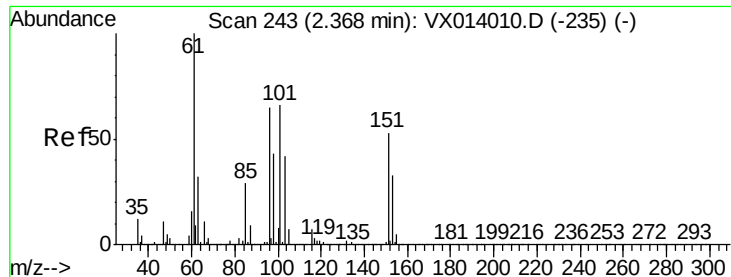


#8

Diethyl Ether
Concen: 50.472 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.904 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

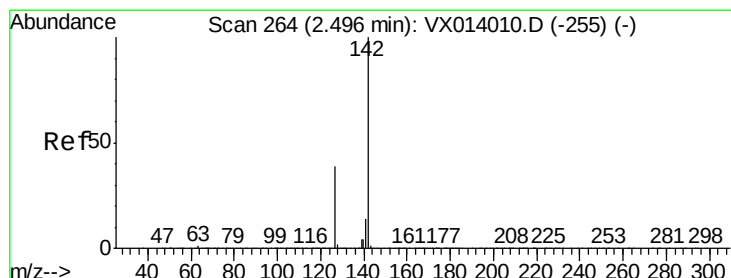
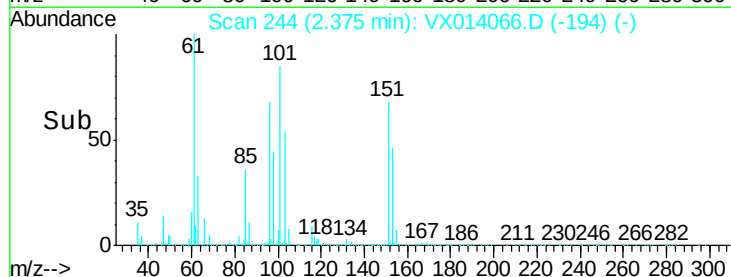
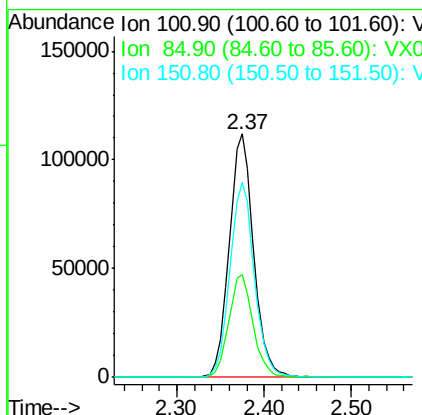
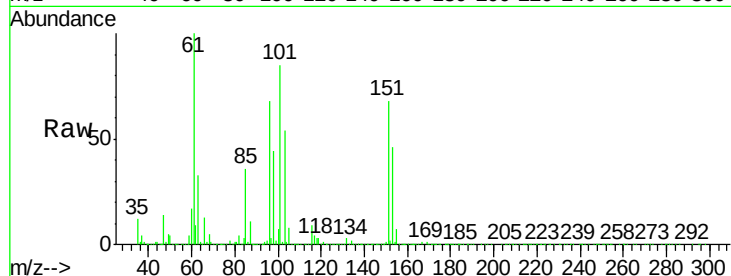
ClientSampleId :

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Tot Ion:	101	Resp:	216464
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	80.6	64.5	96.7

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#10

Methyl Iodide

Concen: 52.240 ug/l

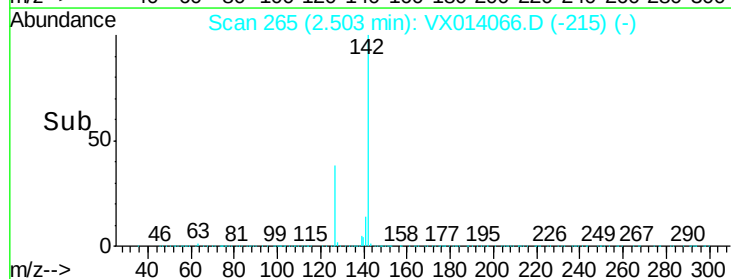
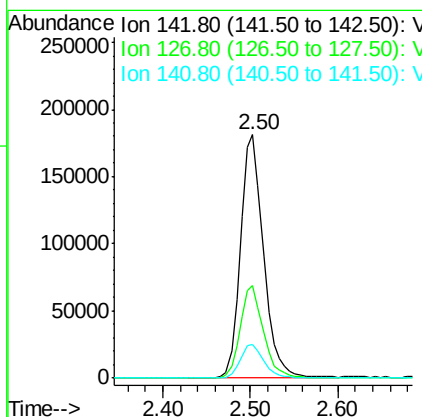
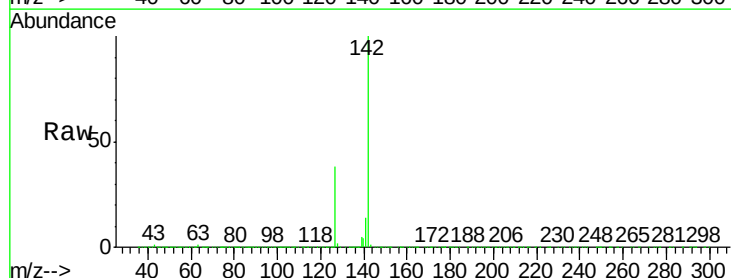
RT: 2.50 min Scan# 265

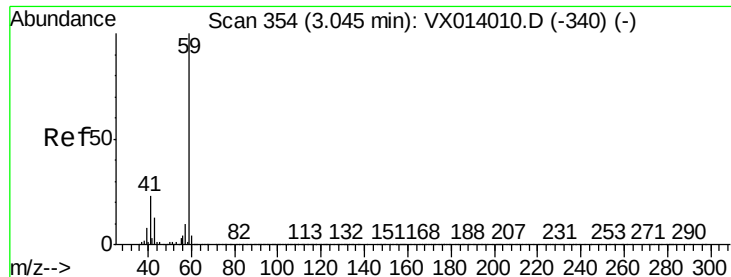
Delta R.T. 0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion:	142	Resp:	332886
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	14.1	11.6	17.4





#11

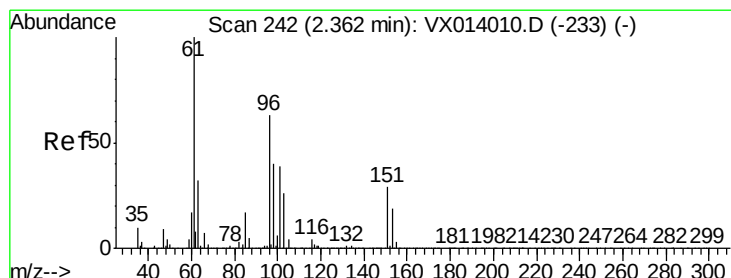
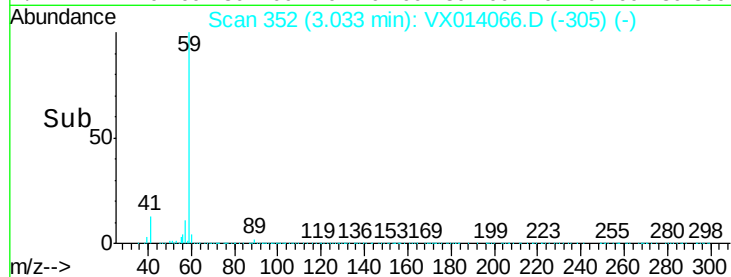
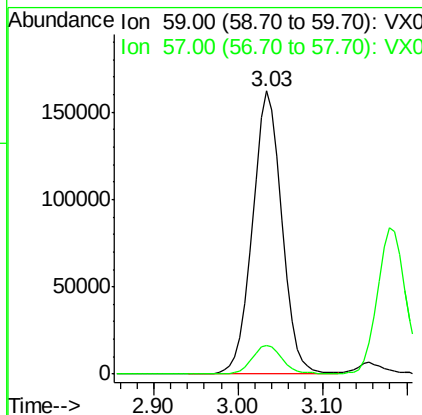
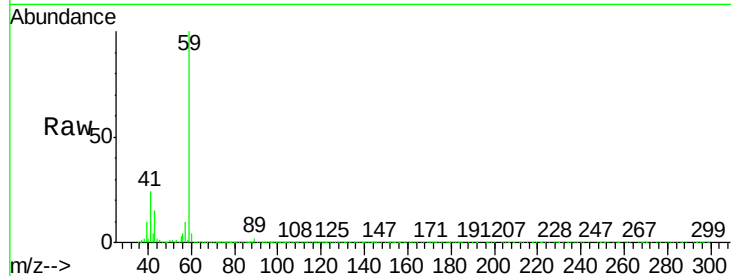
Tert butyl alcohol
Concen: 308.051 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

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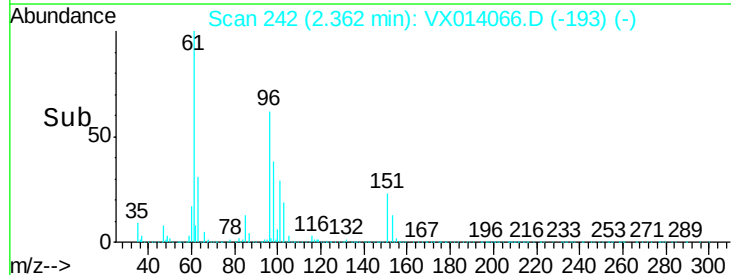
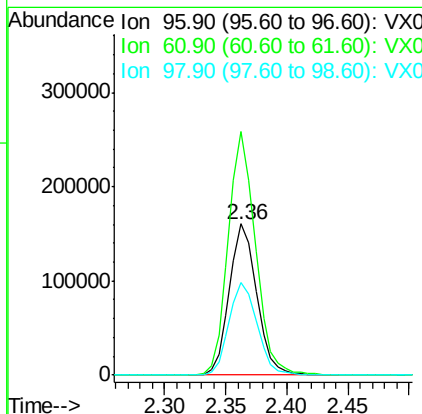
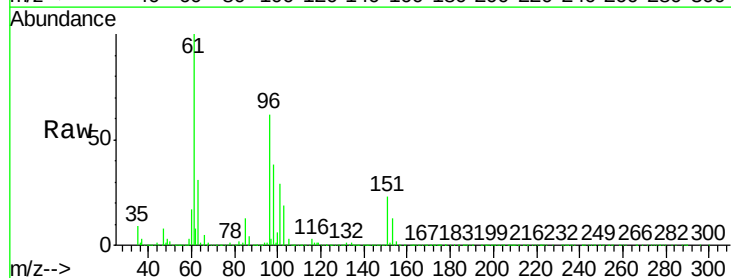
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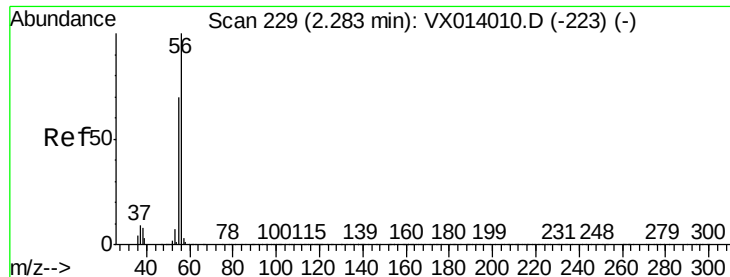


#12

1,1-Dichloroethene
Concen: 50.877 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	127.9	191.9
98	60.9	50.5	75.7





#13

Acrolein

Concen: 331.371 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 56 Resp: 236879

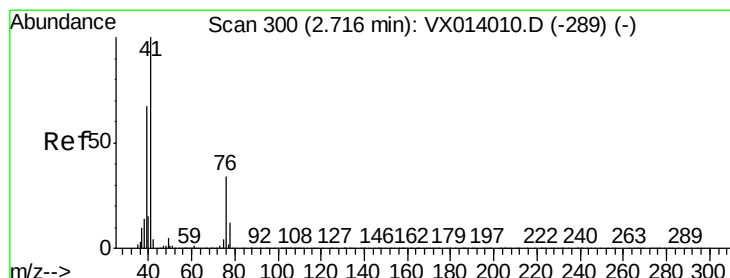
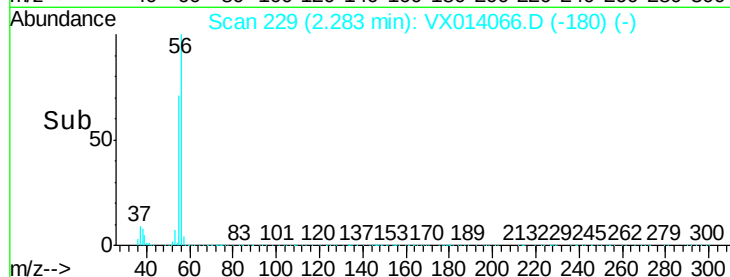
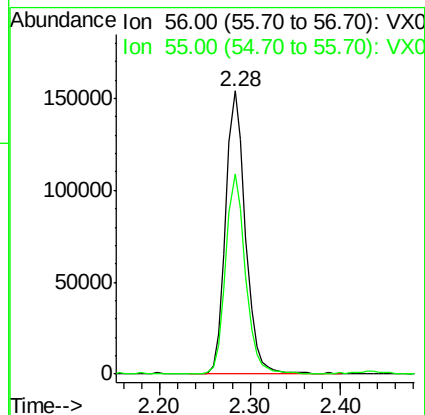
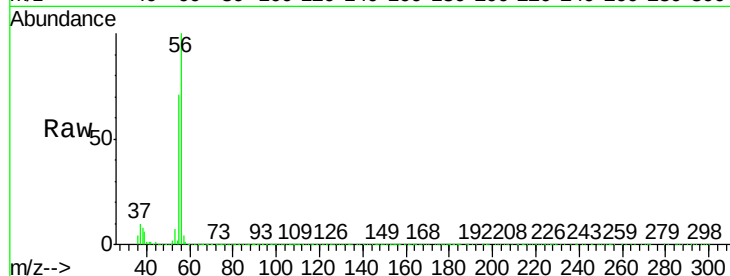
Ion Ratio Lower Upper

56 100

55 69.5 56.9 85.3

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#14

Allyl chloride

Concen: 49.224 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

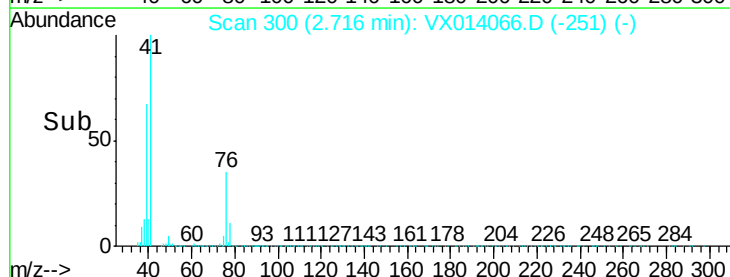
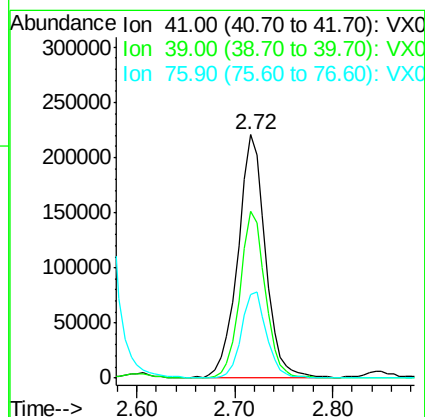
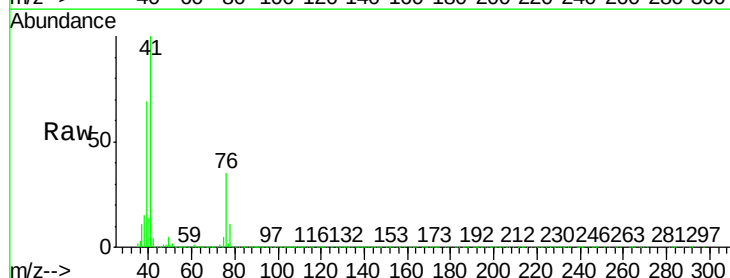
Tgt Ion: 41 Resp: 431107

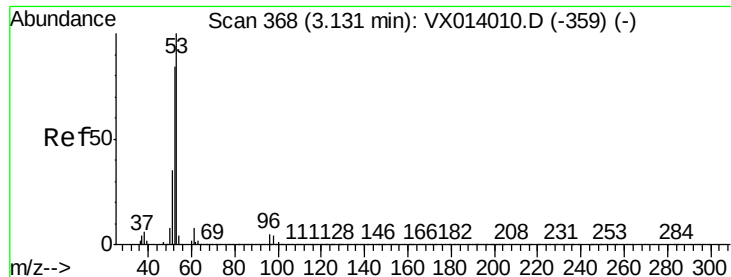
Ion Ratio Lower Upper

41 100

39 62.9 51.8 77.8

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 286.254 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

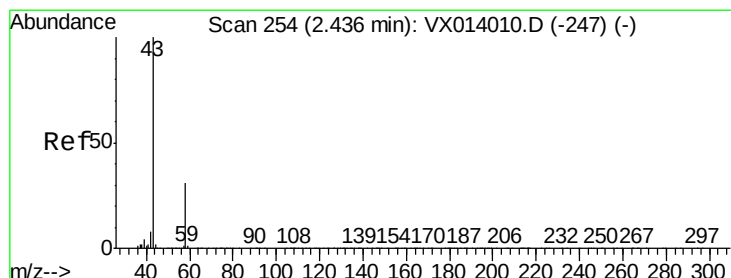
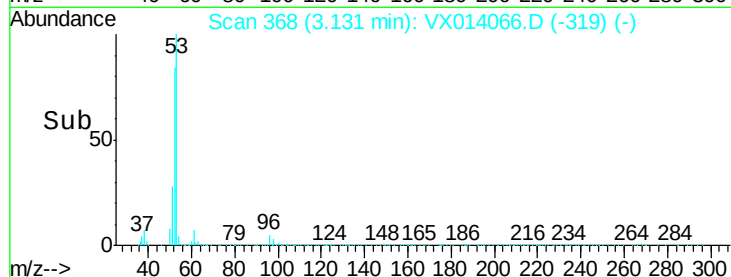
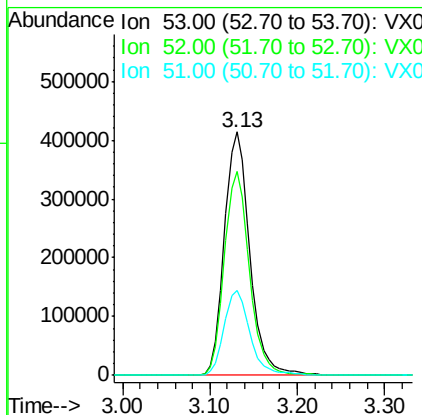
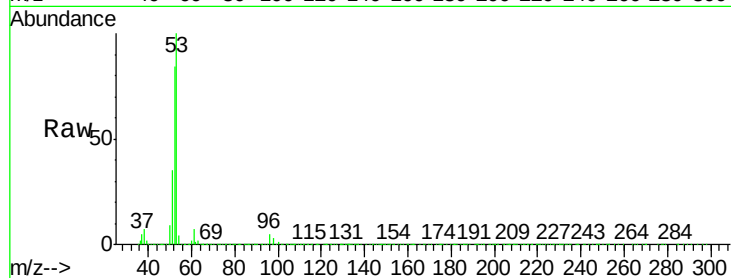
ClientSampleId :

MW202D-20191207MSD

Tot Ion:	53	Resp:	834360
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.5	99.7
51	35.5	28.1	42.1

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#16

Acetone

Concen: 198.156 ug/l

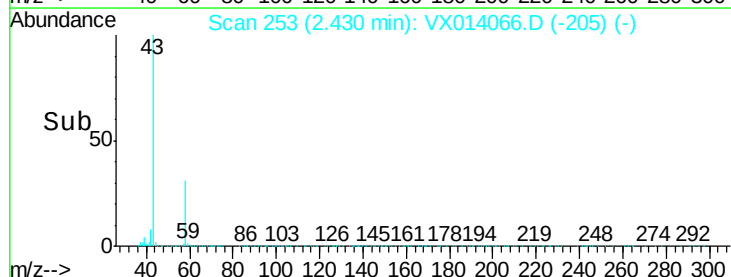
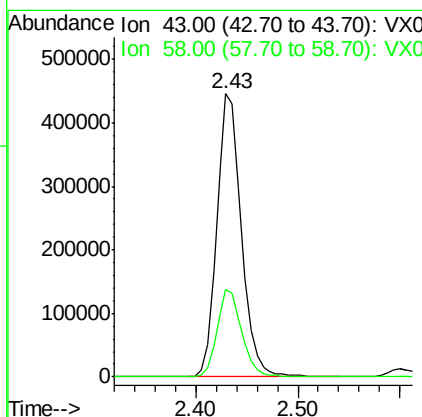
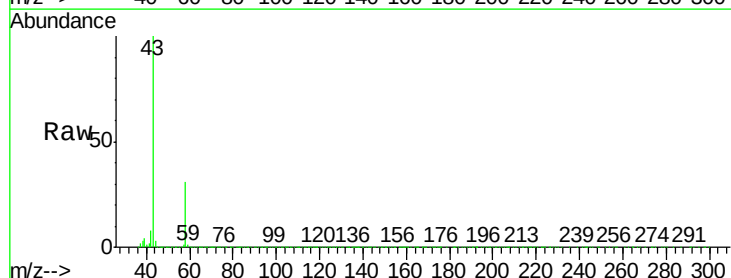
RT: 2.43 min Scan# 253

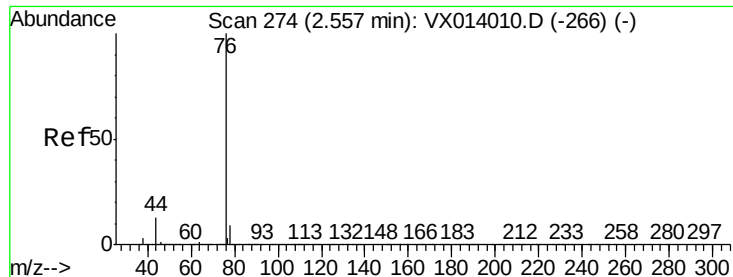
Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion:	43	Resp:	743491
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.9	37.3





#17

Carbon Disulfide

Concen: 48.625 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 76 Resp: 661873

Ion Ratio Lower Upper

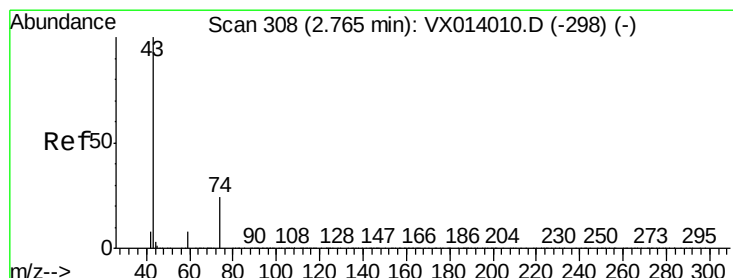
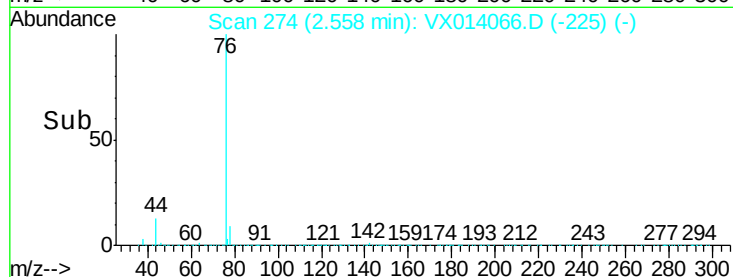
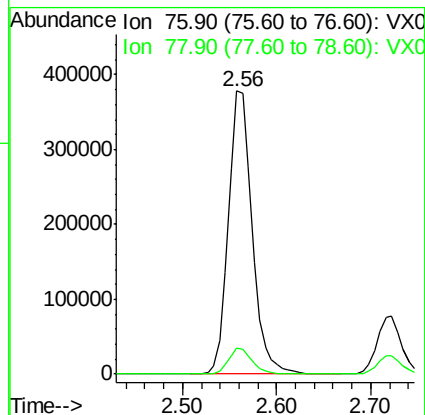
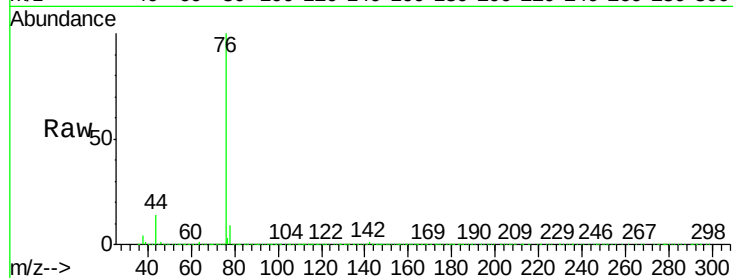
76 100

78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 45.827 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014066.D

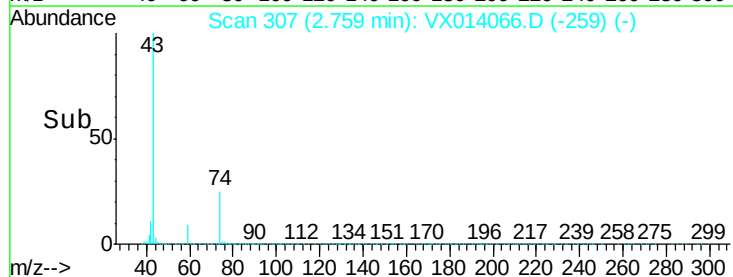
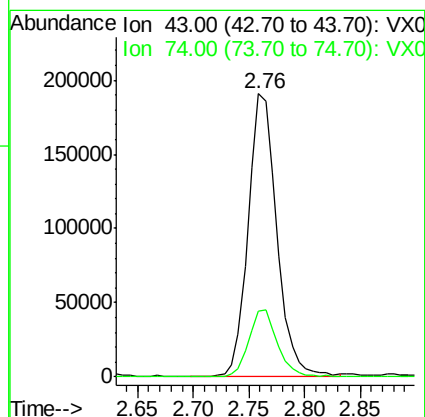
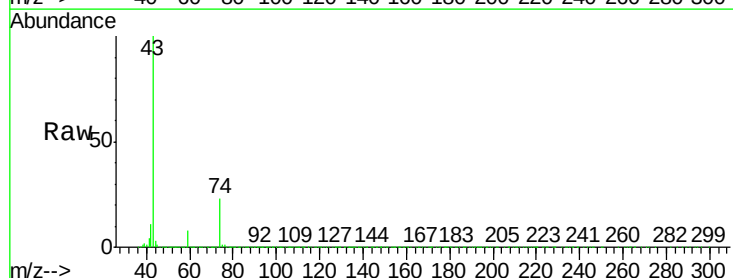
Acq: 17 Dec 2019 20:52

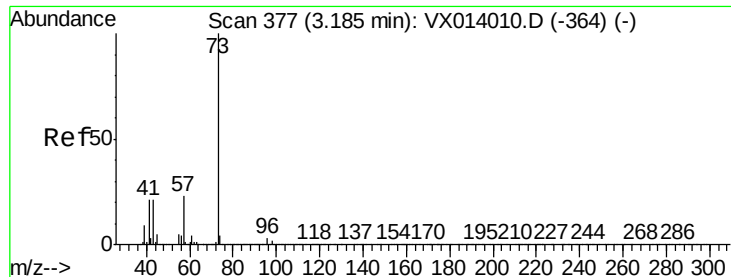
Tgt Ion: 43 Resp: 340719

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3





#19

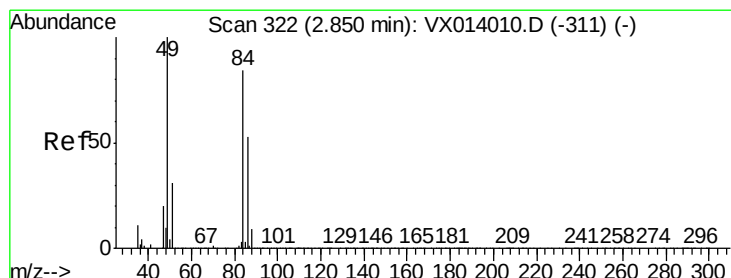
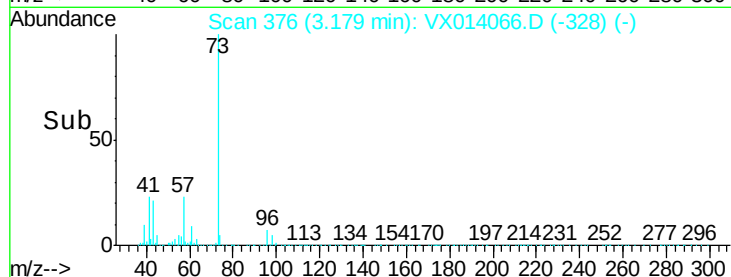
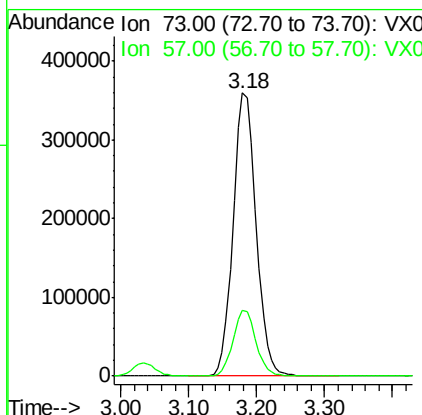
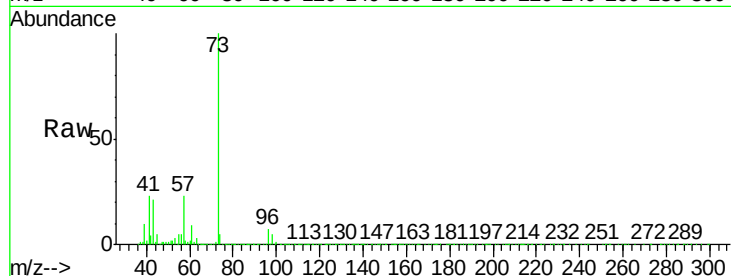
Methyl tert-butyl Ether
Concen: 52.353 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.8	28.2

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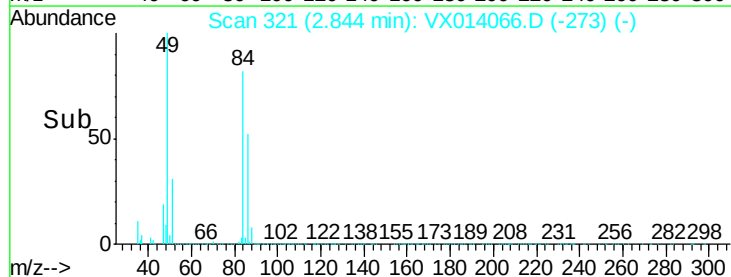
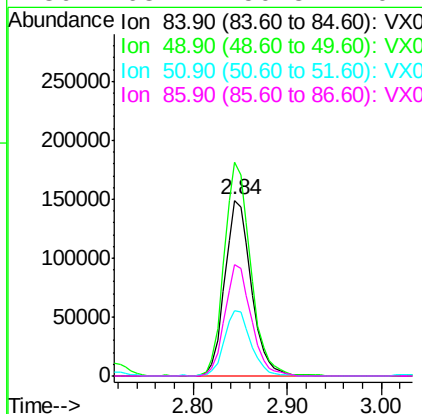
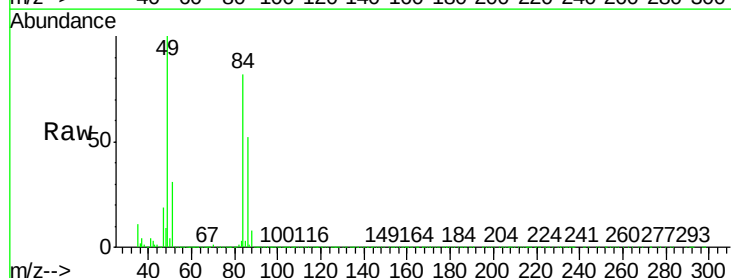
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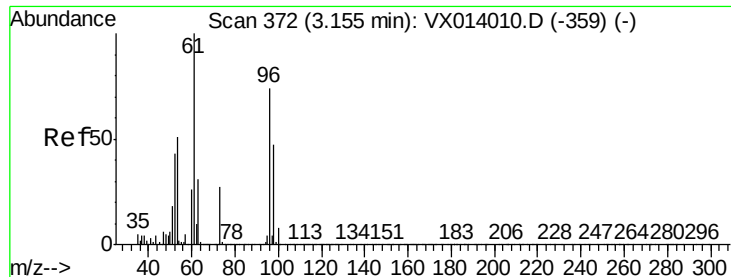


#20

Methylene Chloride
Concen: 49.143 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	95.8	143.6
51	37.4	29.8	44.8
86	63.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.893 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

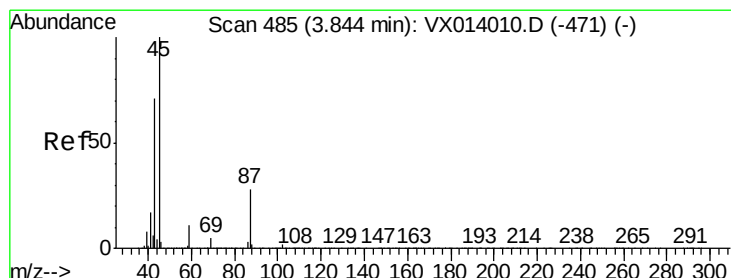
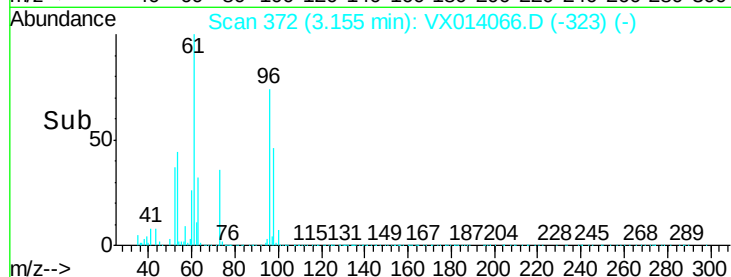
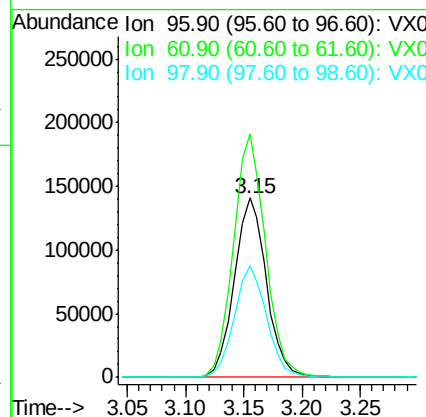
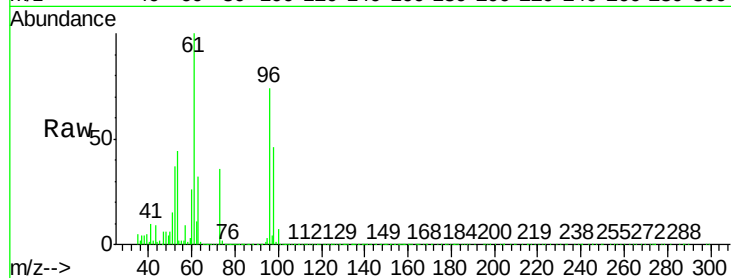
ClientSampleId :

MW202D-20191207MSD

Tot Ion:	96	Resp:	269625
Ion	Ratio	Lower	Upper
96	100		
61	135.6	108.3	162.5
98	61.9	50.8	76.2

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#22

Diisopropyl ether

Concen: 52.890 ug/l

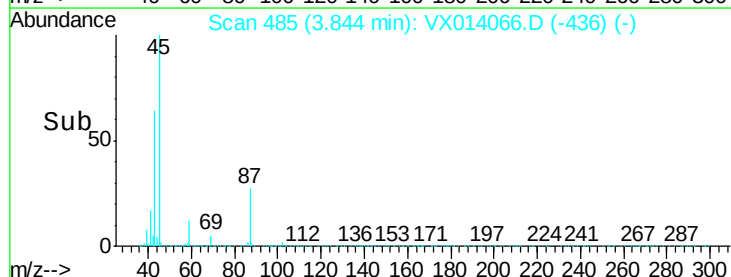
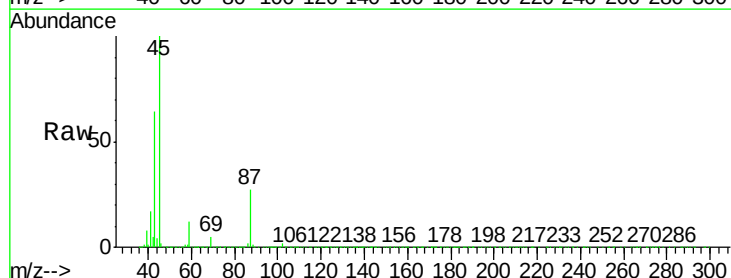
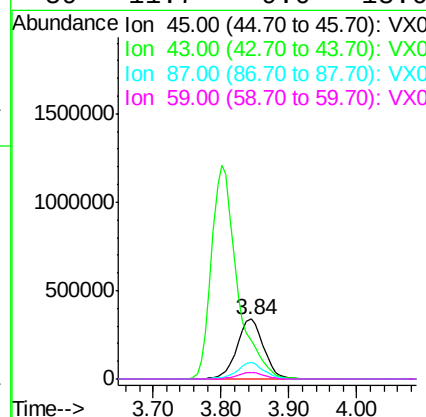
RT: 3.84 min Scan# 485

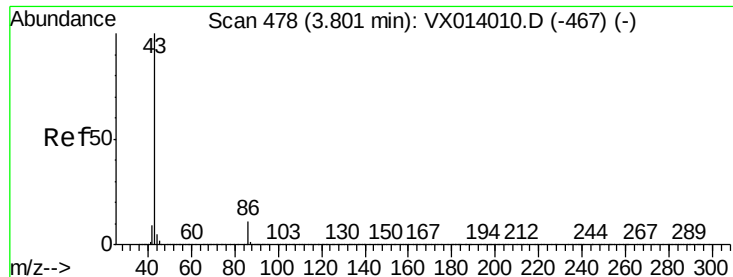
Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion:	45	Resp:	923076
Ion	Ratio	Lower	Upper
45	100		
43	63.5	57.4	86.0
87	27.2	21.9	32.9
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 223.505 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 43 Resp: 3183257

Ion Ratio Lower Upper

43 100

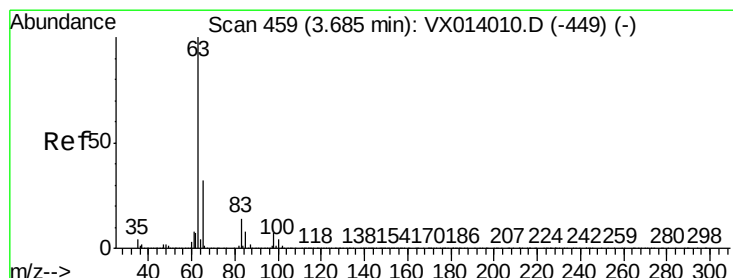
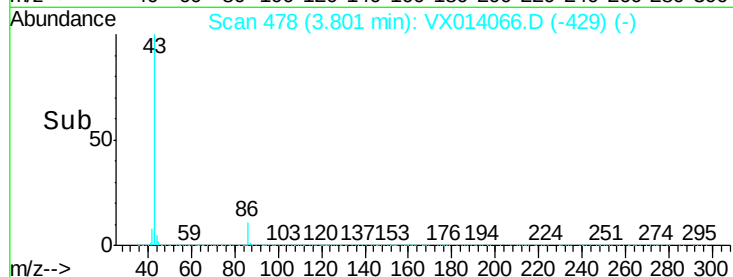
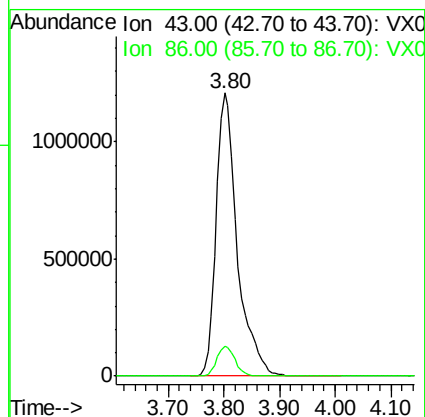
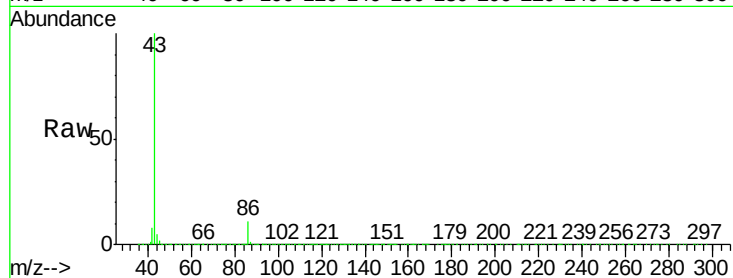
86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 53.081 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

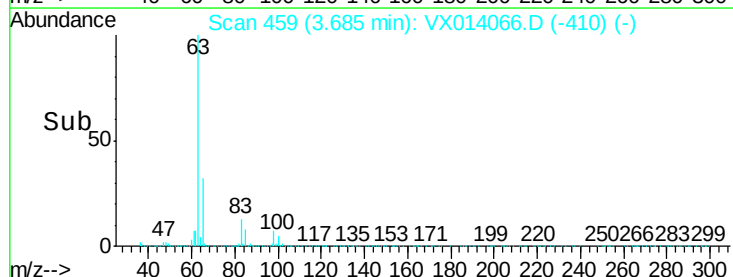
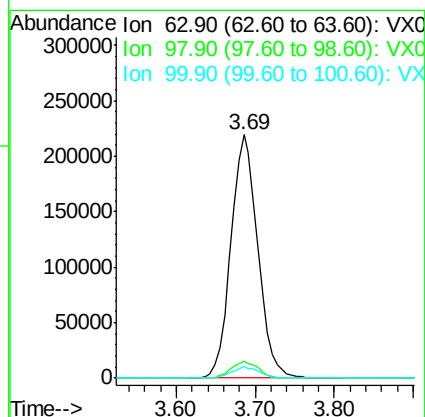
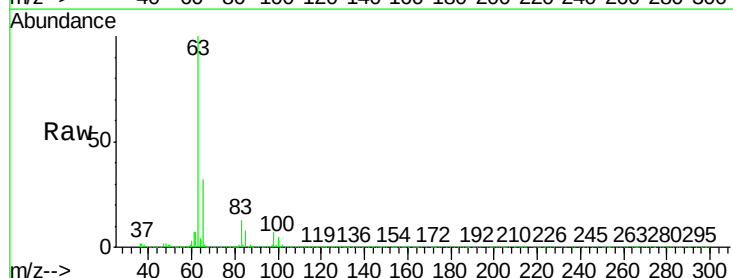
Tgt Ion: 63 Resp: 515417

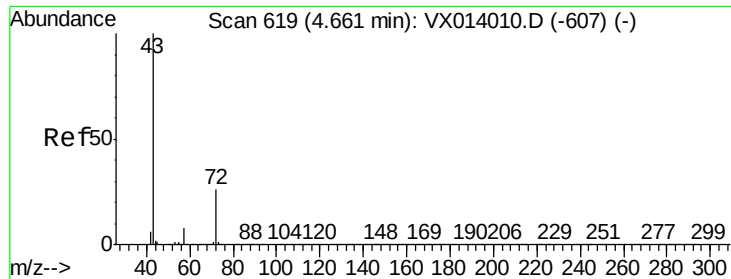
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 259.147 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tot Ion: 43 Resp: 1198770

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

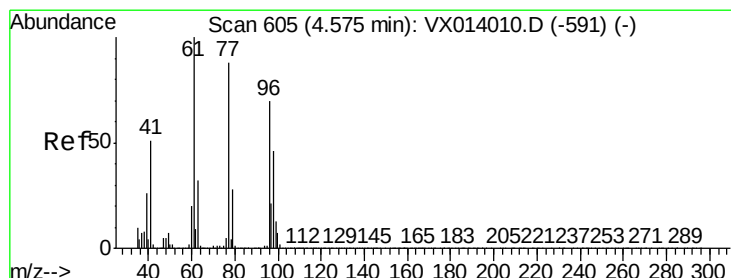
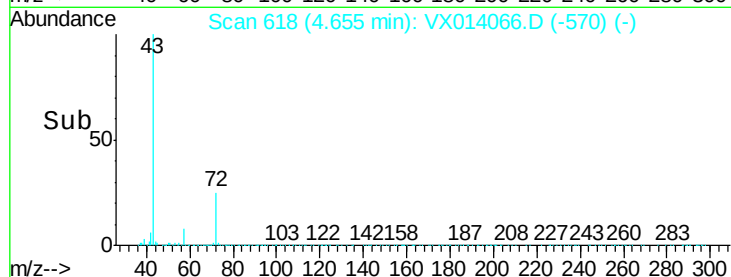
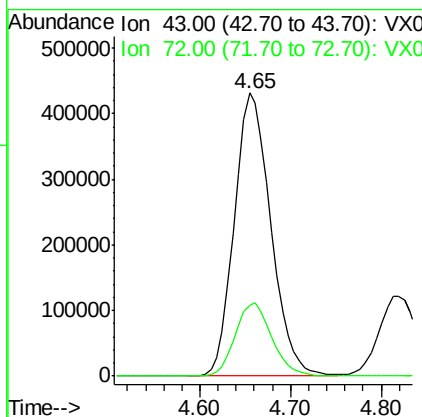
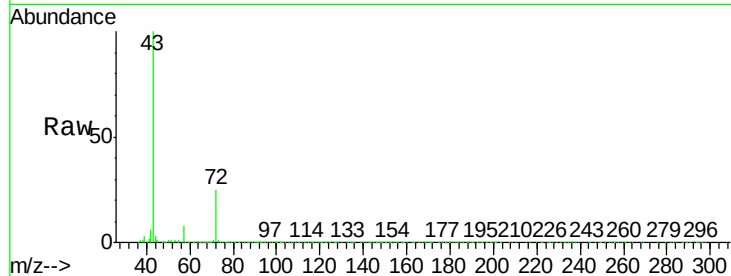
MW202D-20191207MSD

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#26

2,2-Dichloropropane

Concen: 25.532 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014066.D

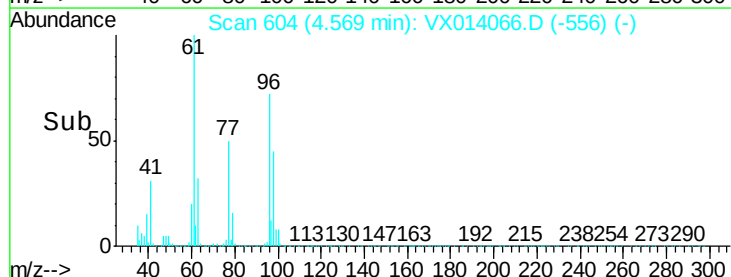
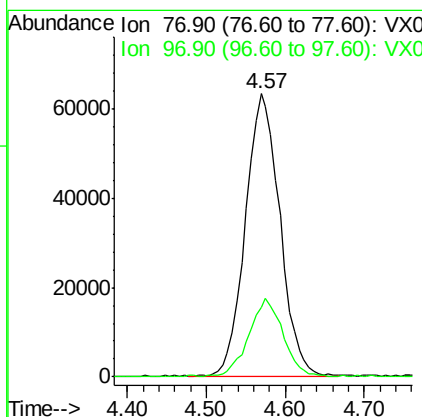
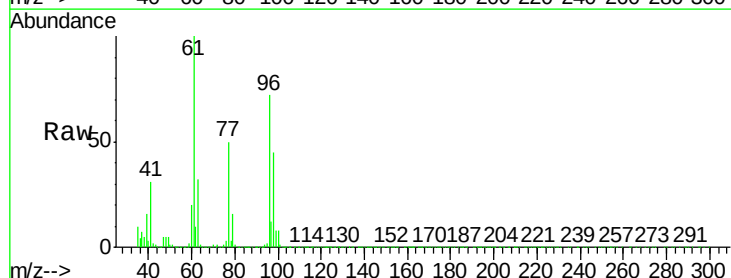
Acq: 17 Dec 2019 20:52

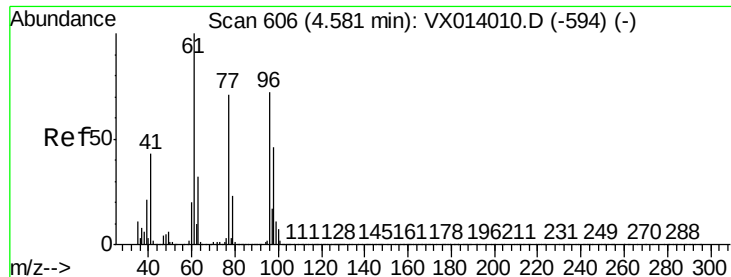
Tgt Ion: 77 Resp: 192488

Ion Ratio Lower Upper

77 100

97 26.9 11.9 35.9





#27

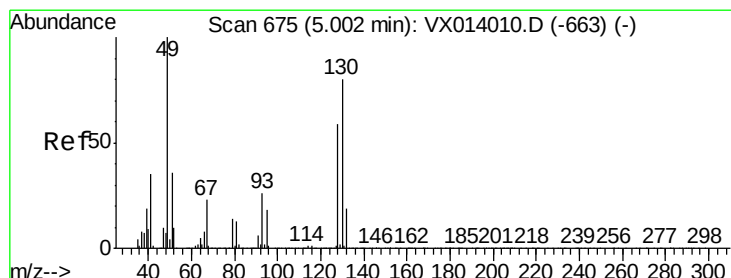
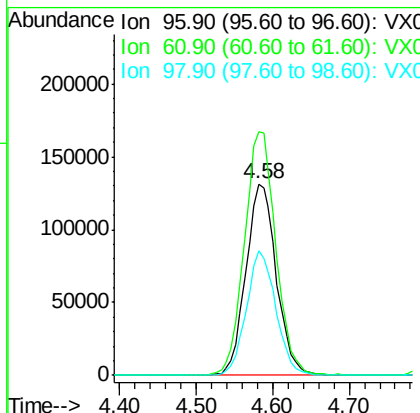
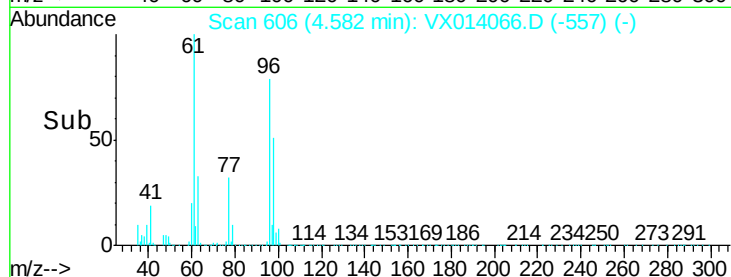
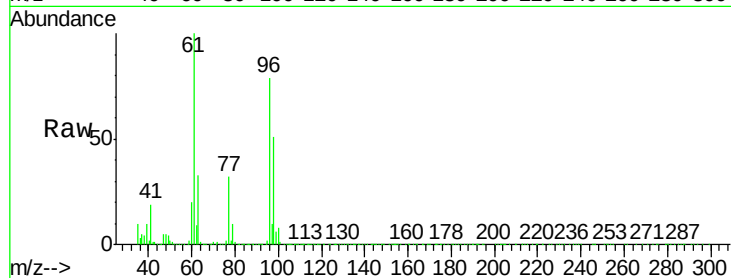
cis-1,2-Dichloroethene
Concen: 59.452 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	363352		
61	130.6	0.0	288.4	
98	63.4	0.0	129.6	

Manual Integrations
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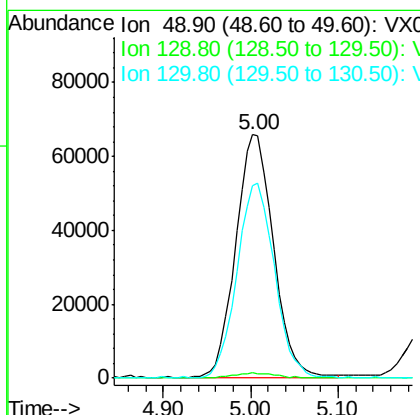
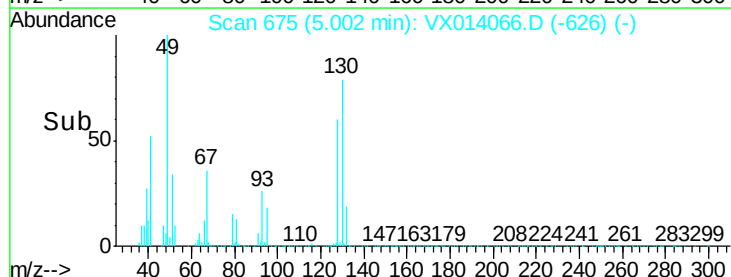
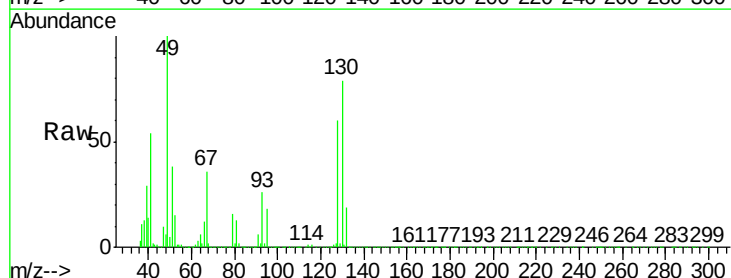
apatel
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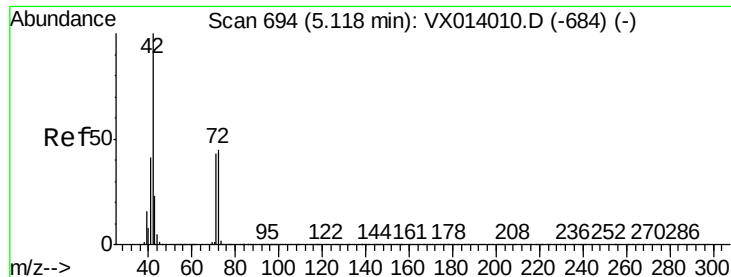


#28

Bromochloromethane
Concen: 52.936 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	197779		
129	2.2	0.0	5.0	
130	79.0	64.6	97.0	





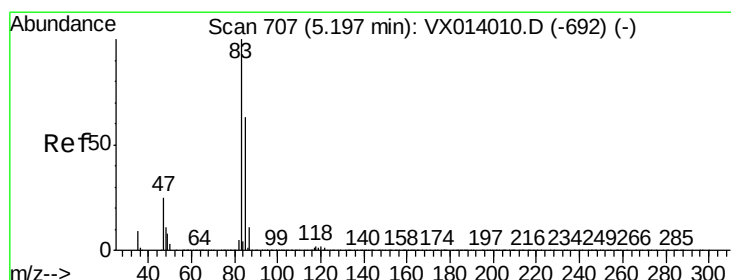
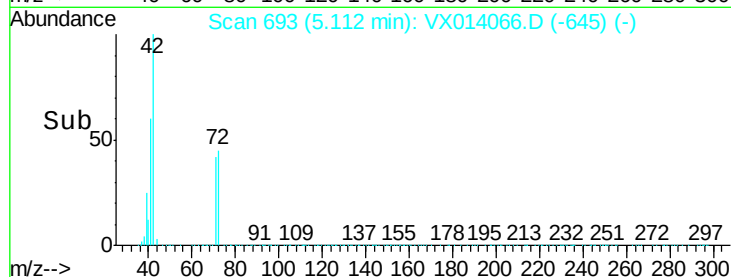
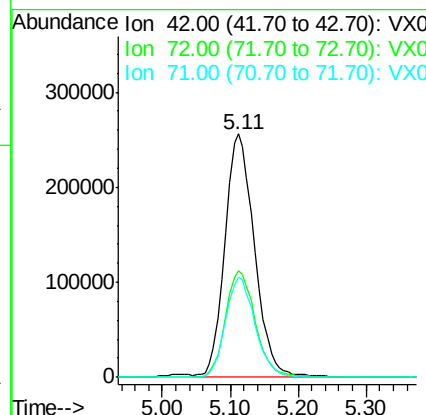
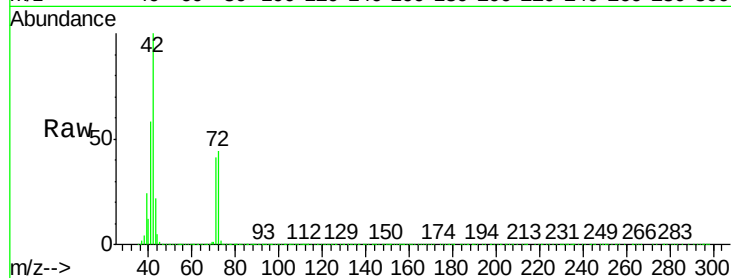
#29
Tetrahydrofuran
Concen: 297.215 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.8	53.8
71	41.1	33.6	50.4

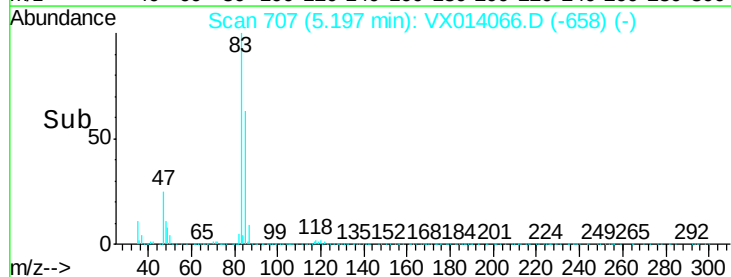
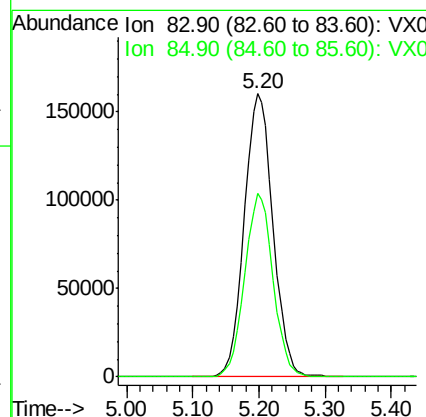
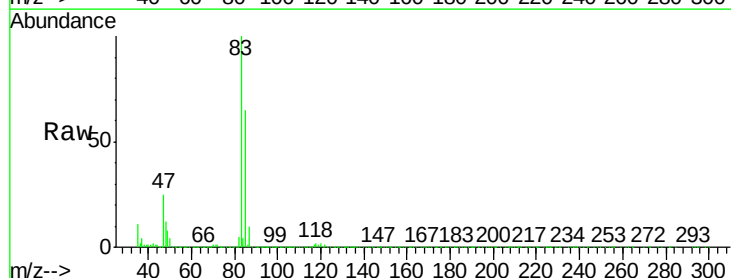
Manual Integrations
APPROVED

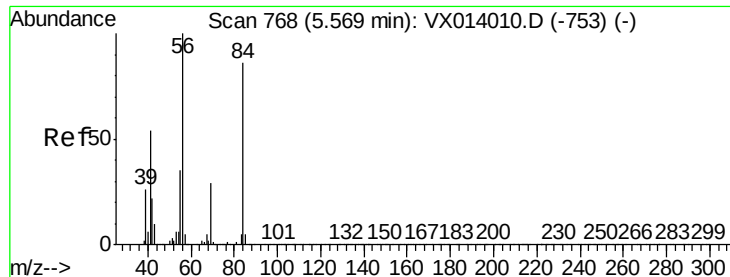
apatel
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#30
Chloroform
Concen: 52.308 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





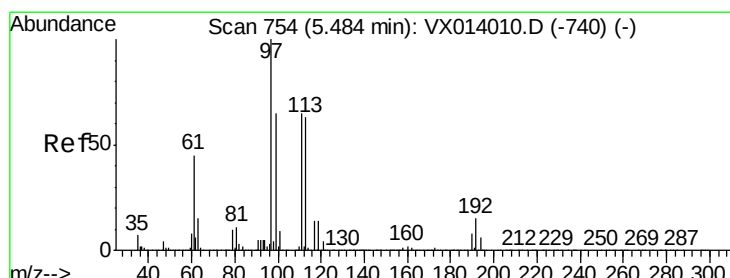
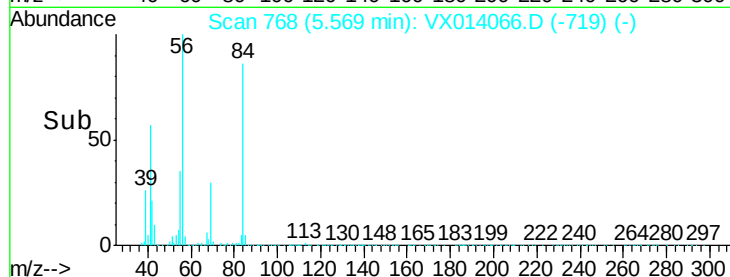
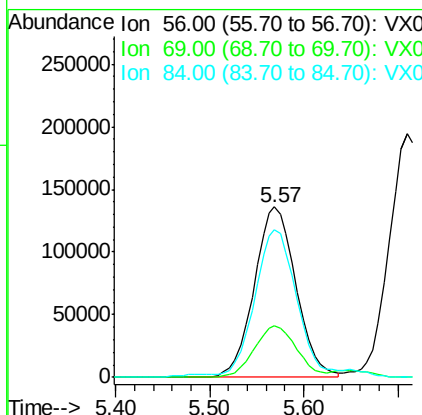
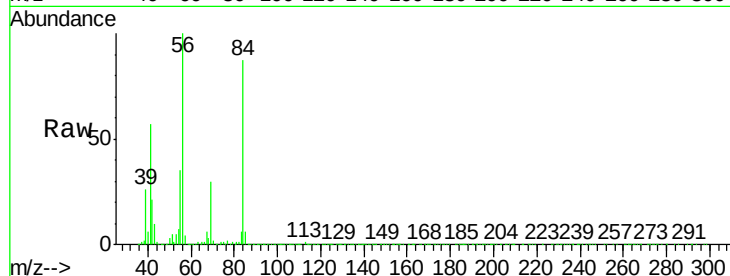
#31
Cyclohexane
Concen: 48.578 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.2	34.8
84	84.9	69.2	103.8

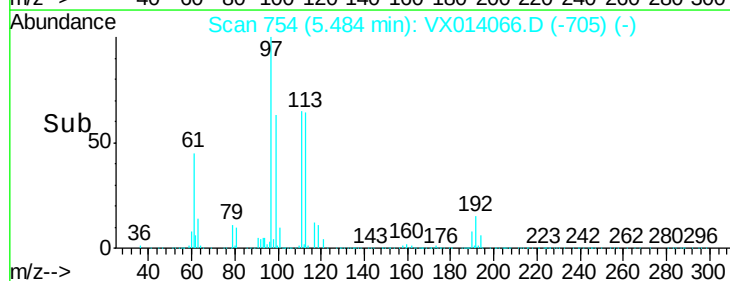
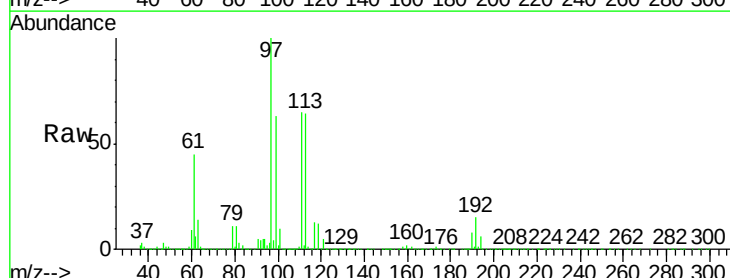
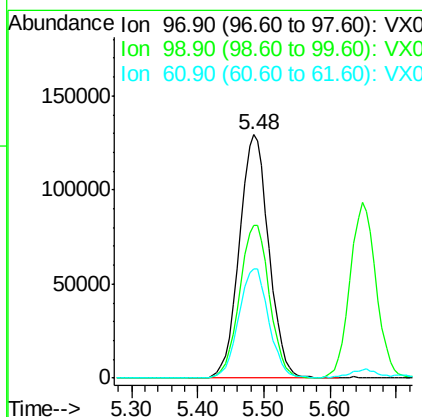
Manual Integrations
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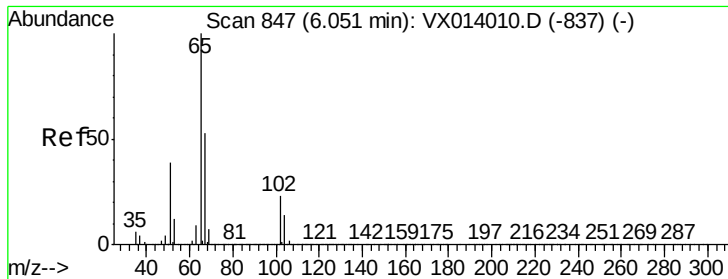
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#32
1,1,1-Trichloroethane
Concen: 50.772 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.0	78.0
61	45.7	36.7	55.1





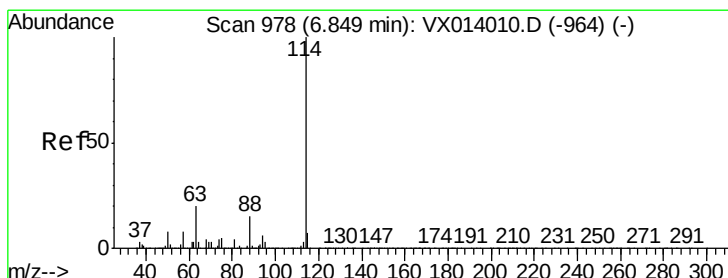
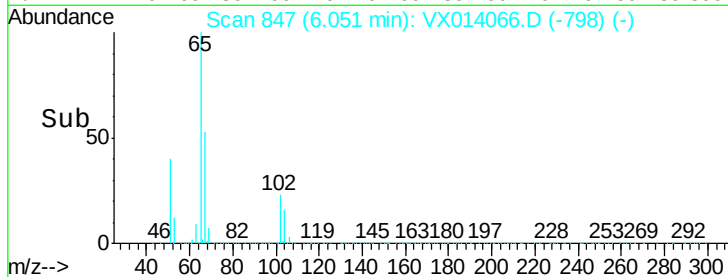
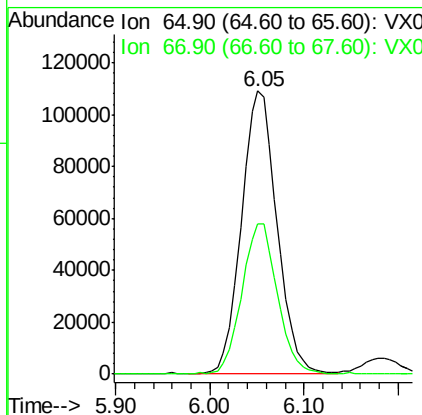
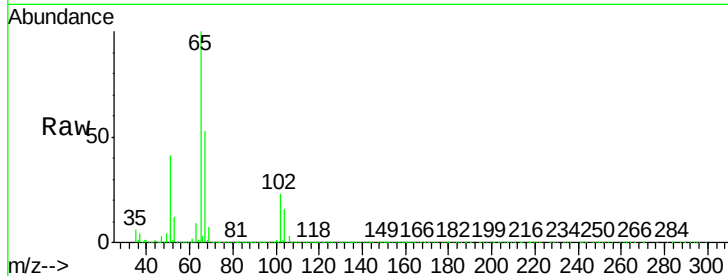
#33
 1,2-Dichloroethane-d4
 Concen: 49.627 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	286810		
67	53.1	0.0	106.4	

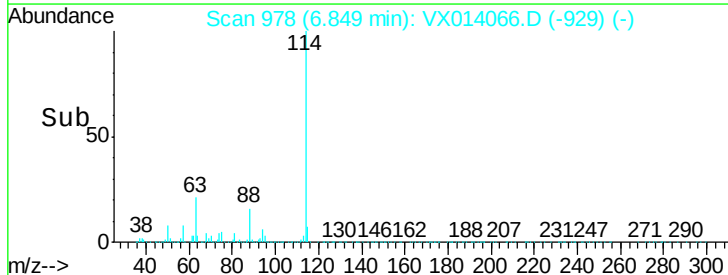
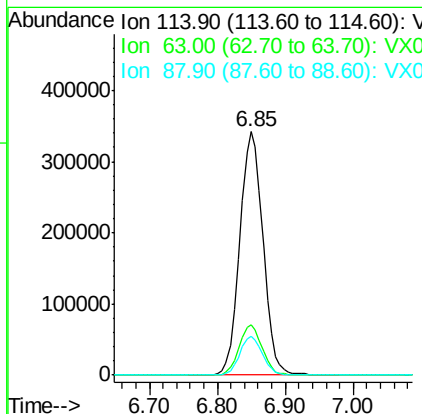
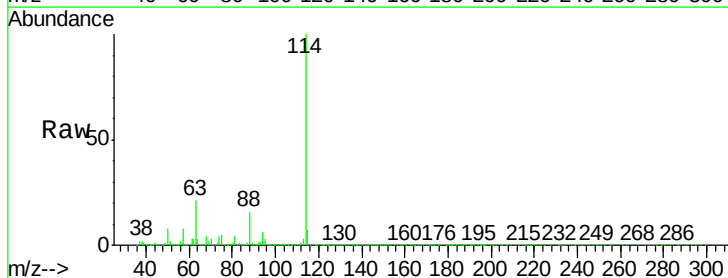
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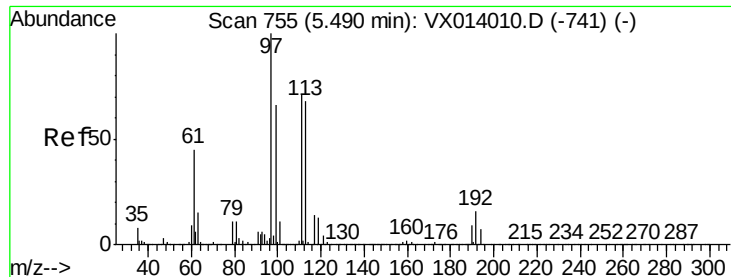
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	809306		
63	20.4	0.0	40.8	
88	16.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 48.763 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

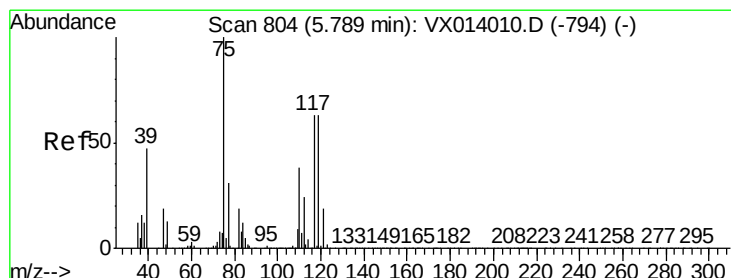
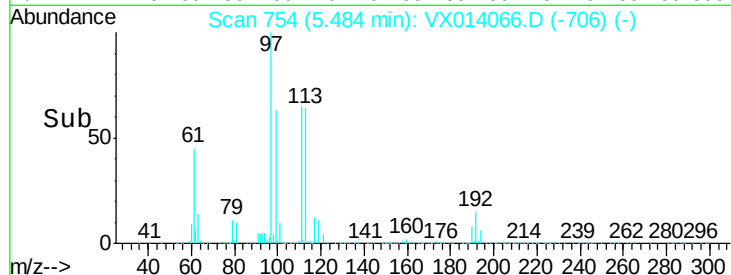
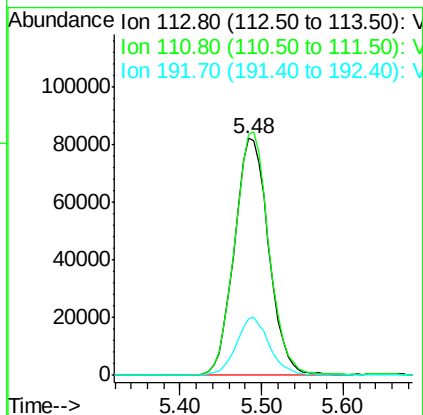
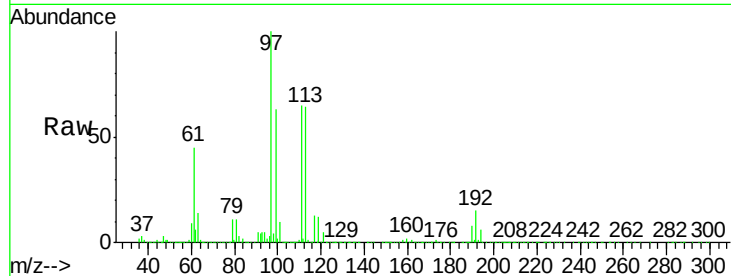
ClientSampleId :

MW202D-20191207MSD

Tot Ion:	113	Resp:	239901
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.0	123.0
192	23.2	19.3	28.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.398 ug/l

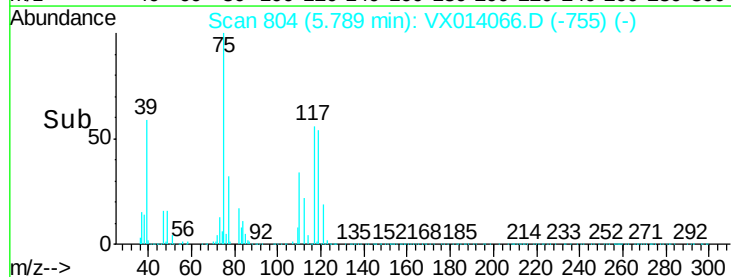
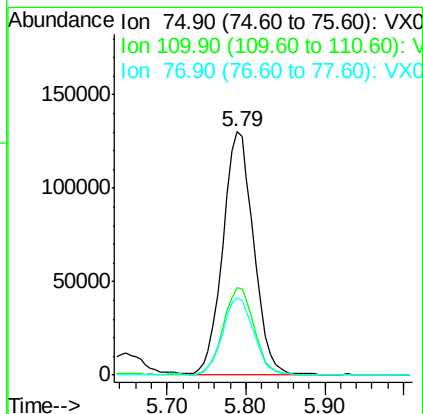
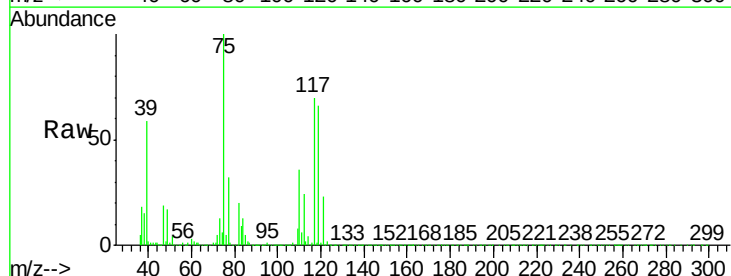
RT: 5.79 min Scan# 804

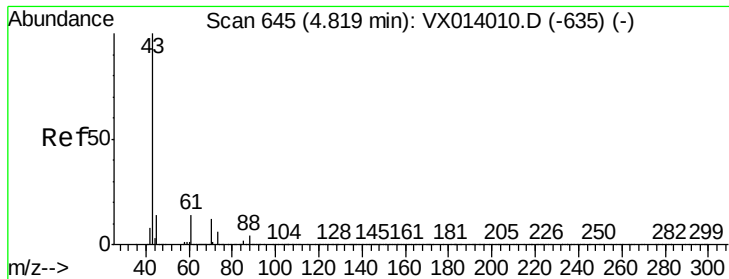
Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion:	75	Resp:	351967
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.3	54.9
77	32.4	24.8	37.2





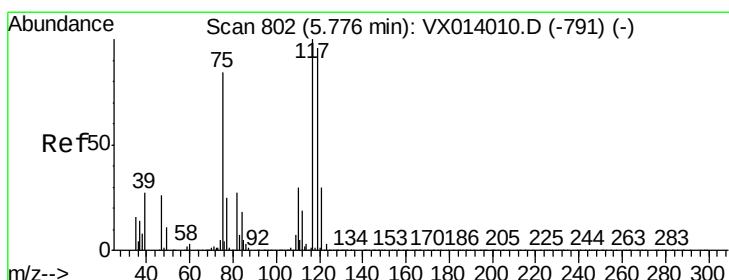
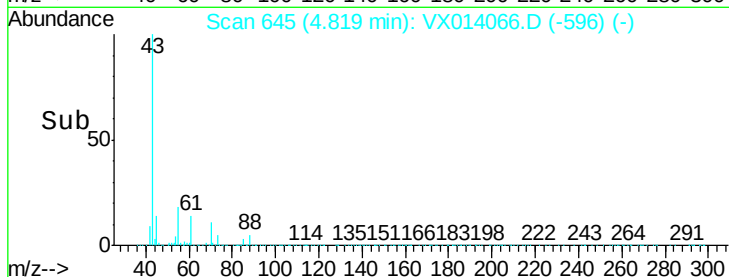
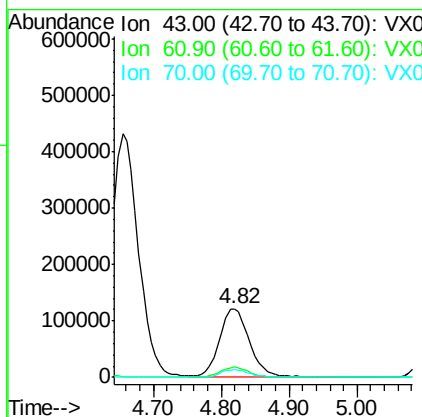
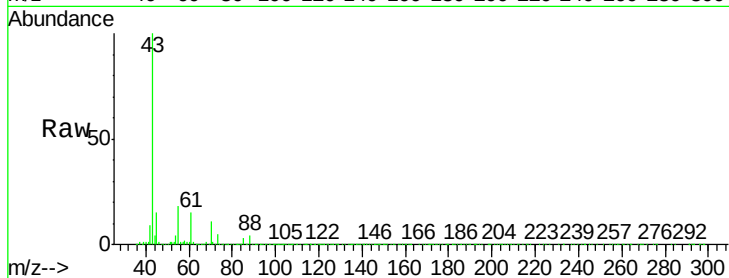
#37
Ethyl Acetate
Concen: 45.229 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	11.0	8.6	12.8

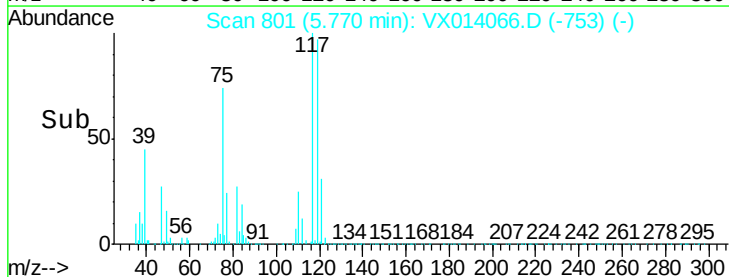
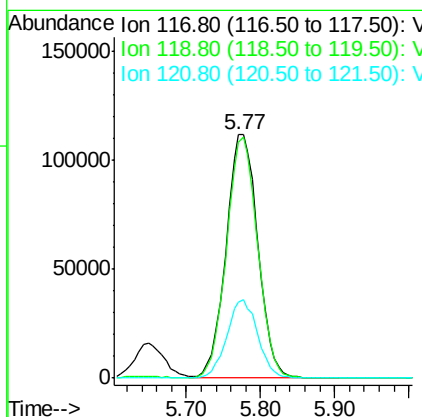
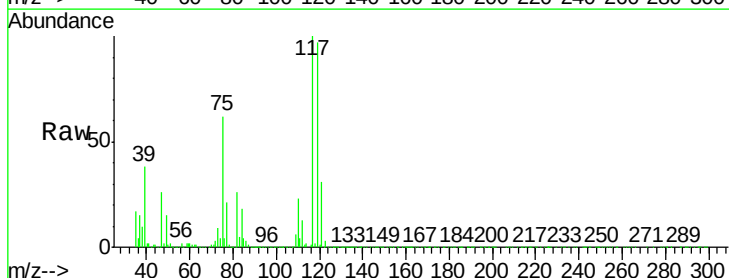
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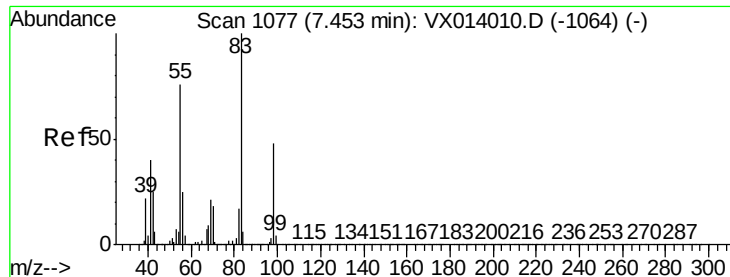
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#38
Carbon Tetrachloride
Concen: 49.394 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.2	114.4
121	31.1	23.6	35.4





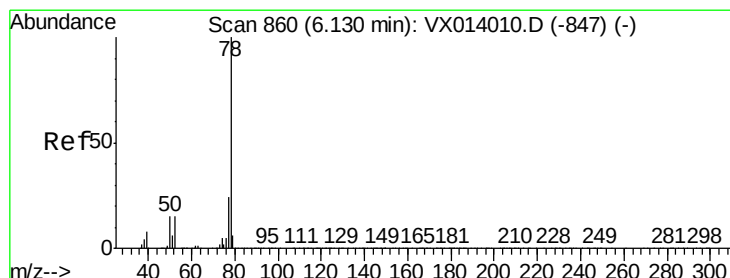
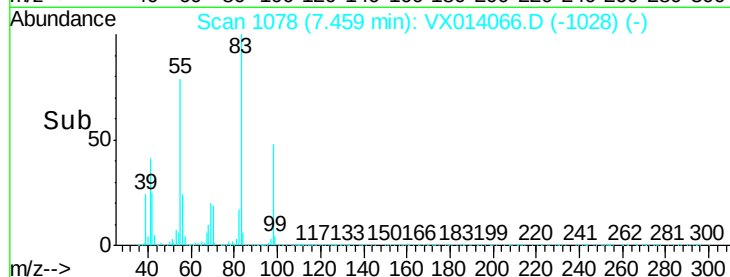
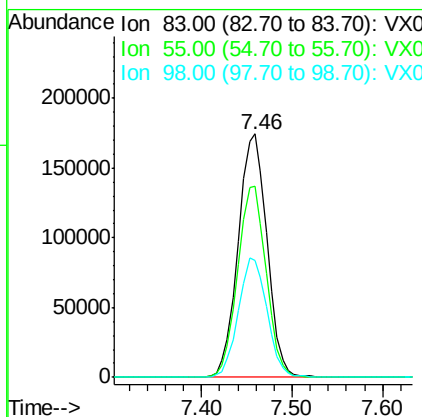
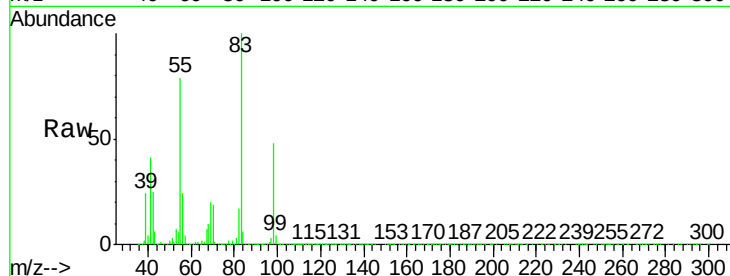
#39
Methylvlcyclohexane
Concen: 42.023 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.6	61.0	91.6	
98	47.8	38.6	57.8	

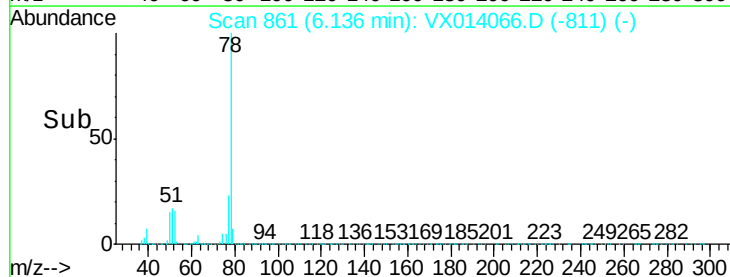
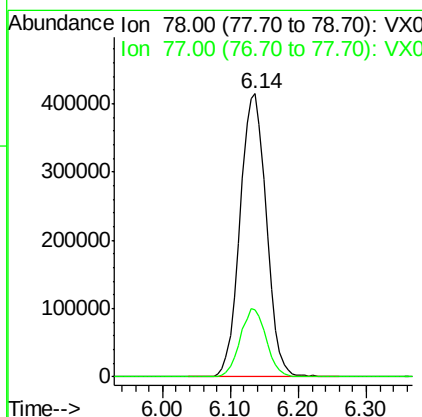
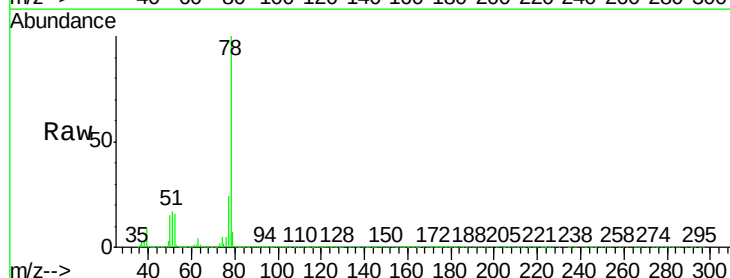
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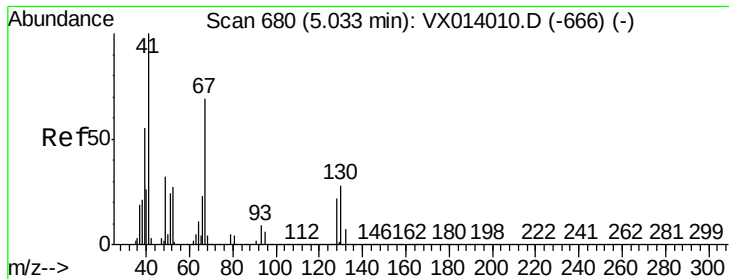
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#40
Benzene
Concen: 48.771 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	18.8	28.2	





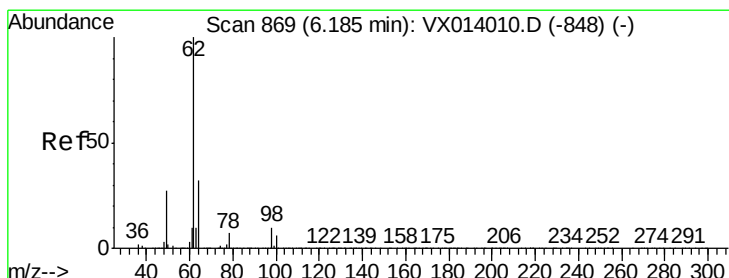
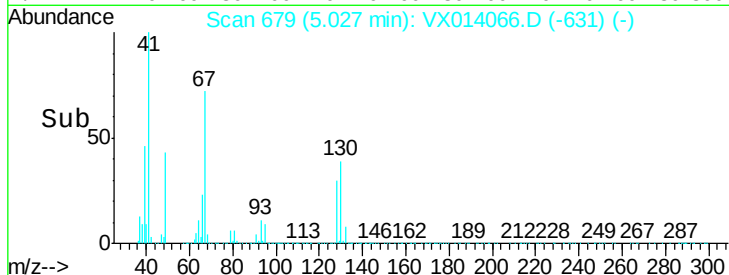
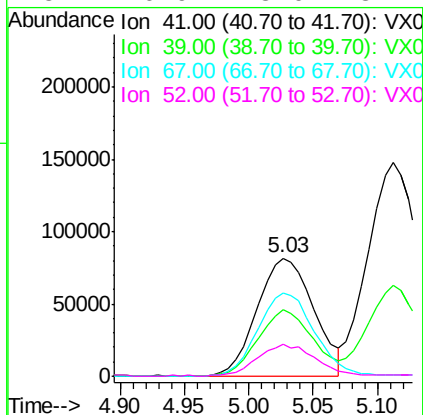
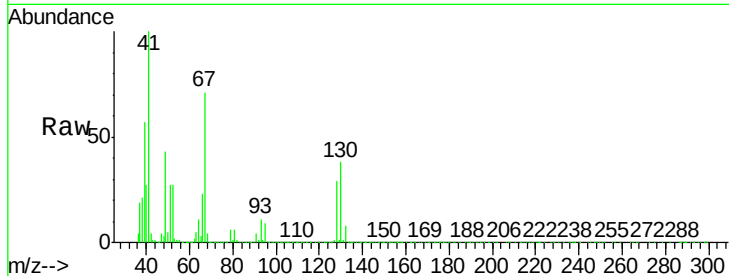
#41
Methacrylonitrile
Concen: 54.422 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		247614		
39	55.5	44.5	66.7		
67	70.9	57.4	86.0		
52	26.9	23.0	34.4		

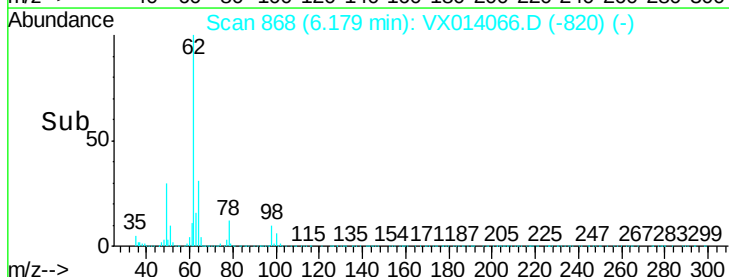
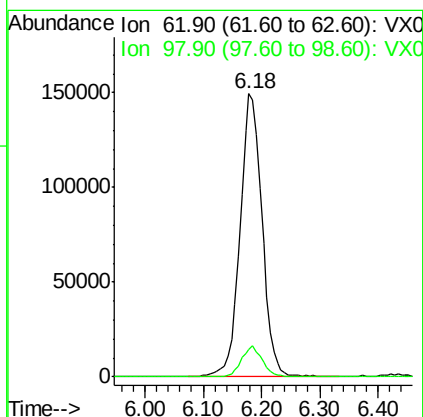
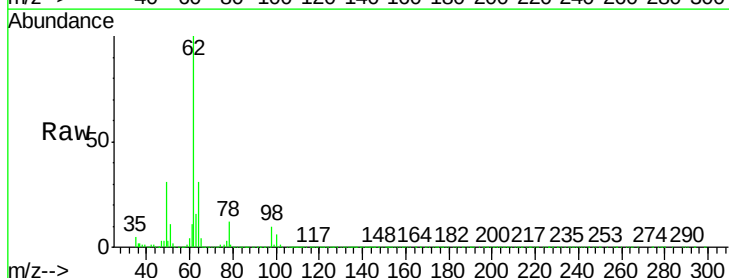
Manual Integrations
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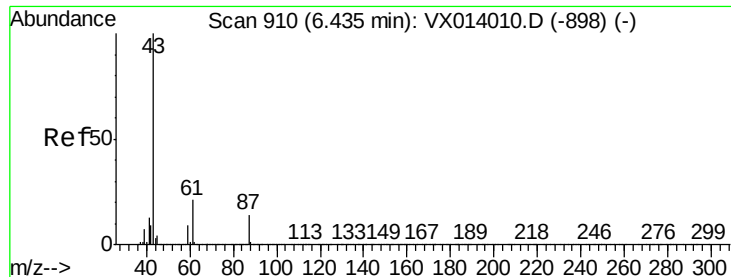
apatel
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#42
1,2-Dichloroethane
Concen: 50.290 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		389504		
98	10.0	0.0	21.0		





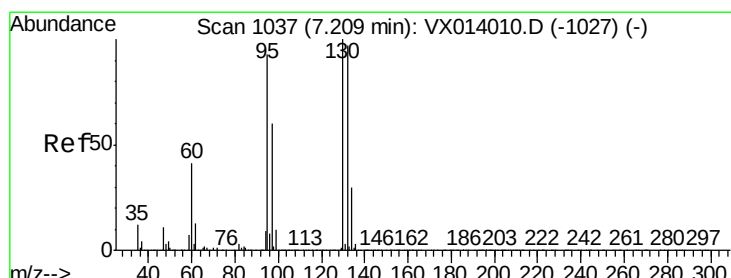
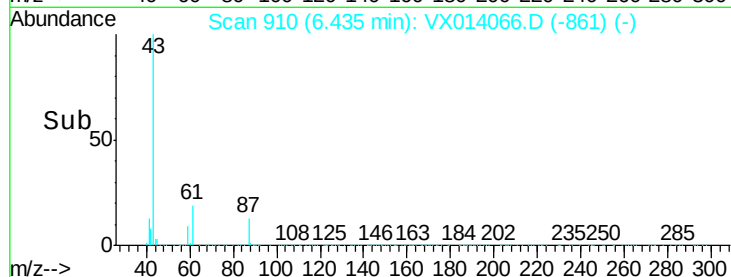
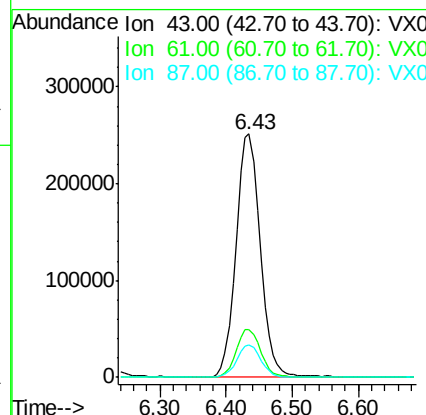
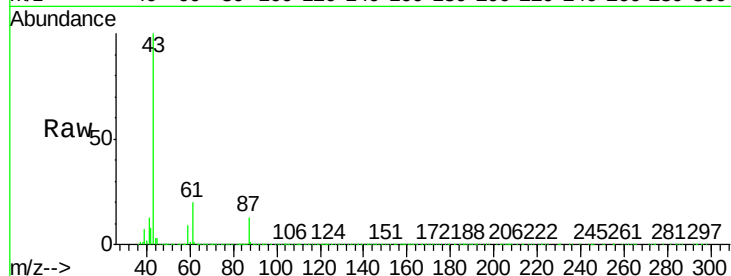
#43
Isopropyl Acetate
Concen: 46.986 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.4	24.6
87	13.1	10.7	16.1

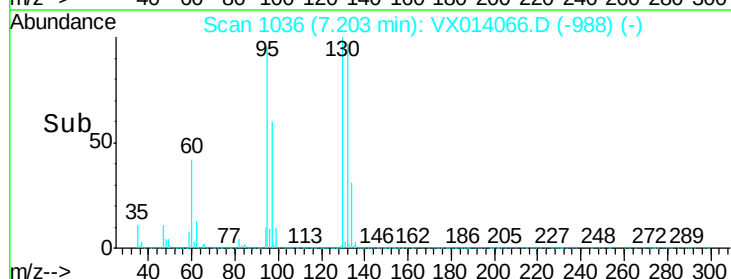
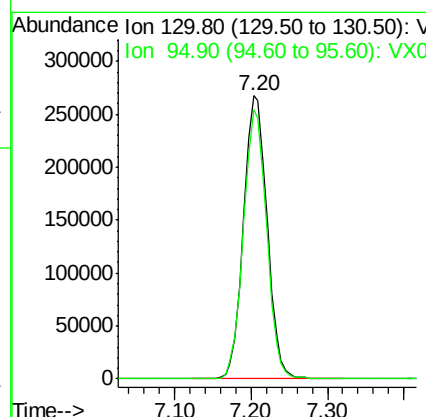
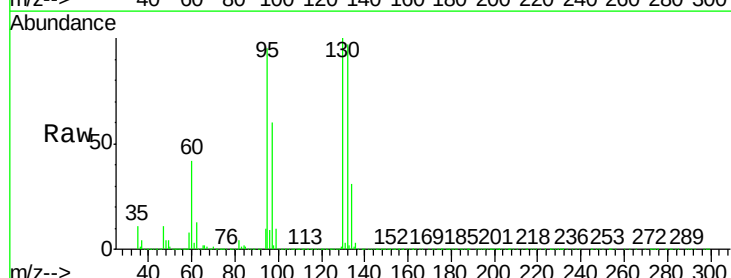
Manual Integrations
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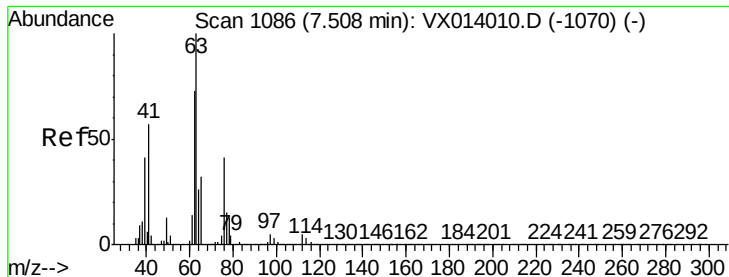
apatel
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#44
Trichloroethene
Concen: 90.923 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	185.6





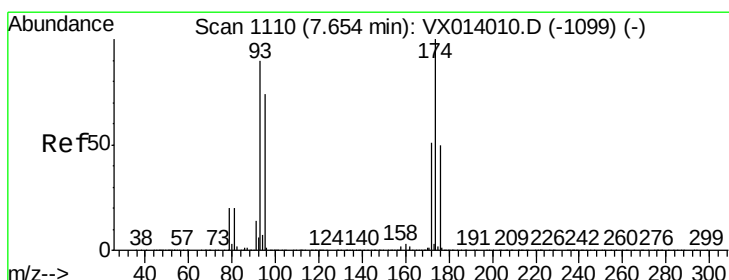
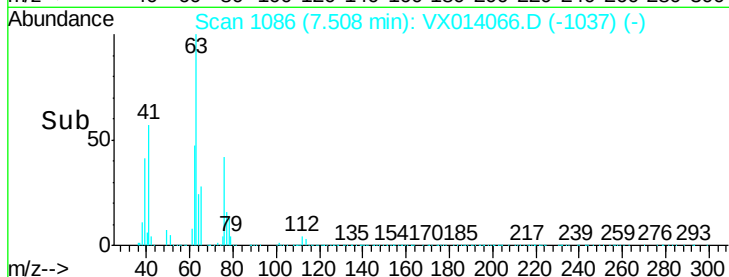
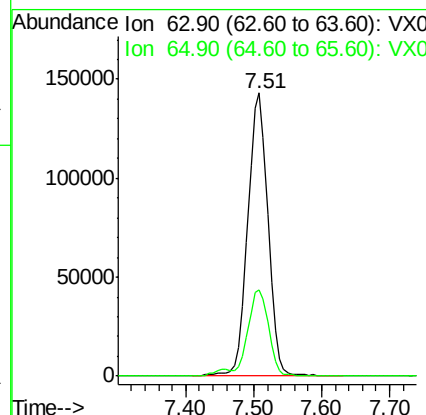
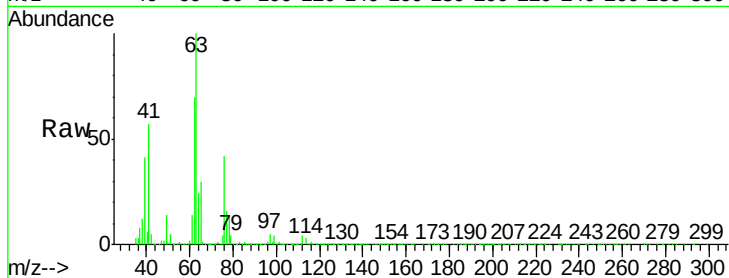
#45
 1,2-Dichloropropane
 Concen: 50.733 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion	Ratio	Resp	Lower	Upper
63	100	297103		
65	30.3		25.8	38.8

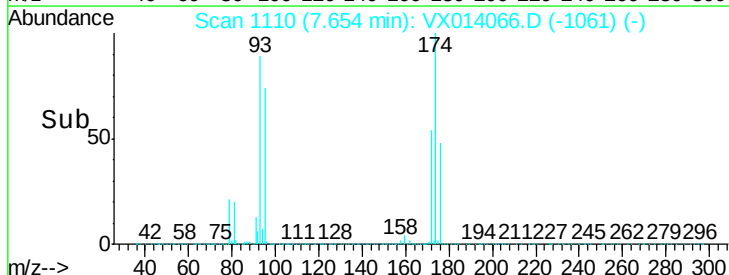
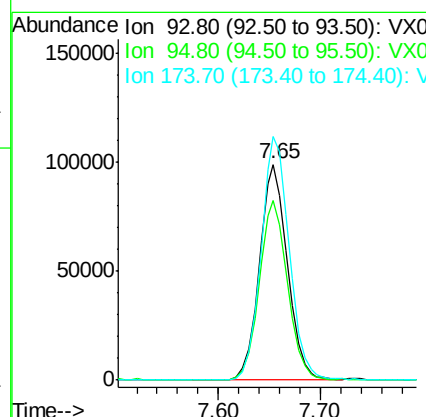
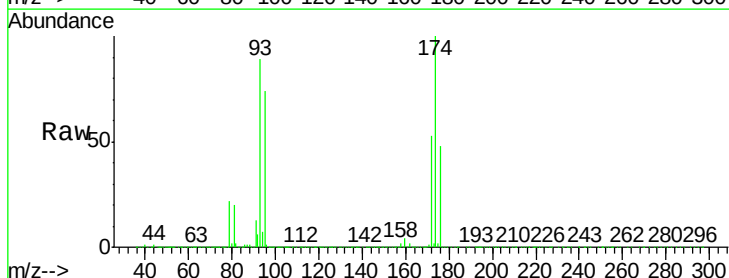
Manual Integrations
 APPROVED

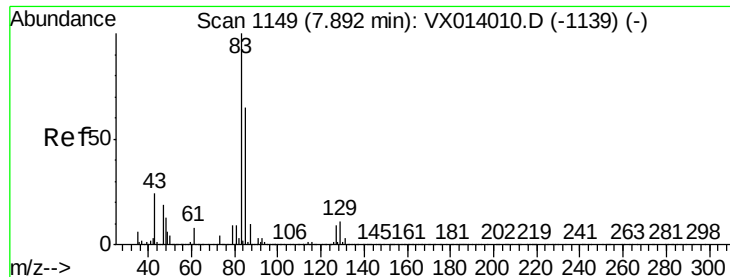
apatel
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#46
 Dibromomethane
 Concen: 48.875 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189237		
95	83.8		67.3	100.9
174	113.8		91.6	137.4





#47

Bromodichloromethane

Concen: 50.795 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

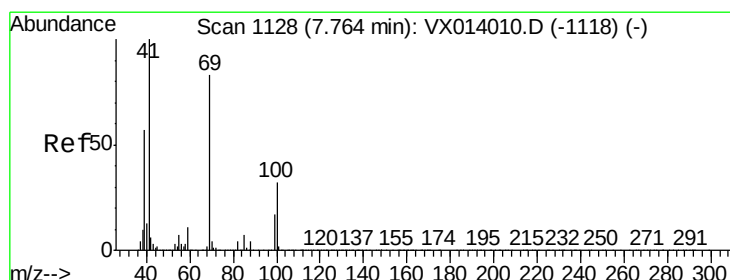
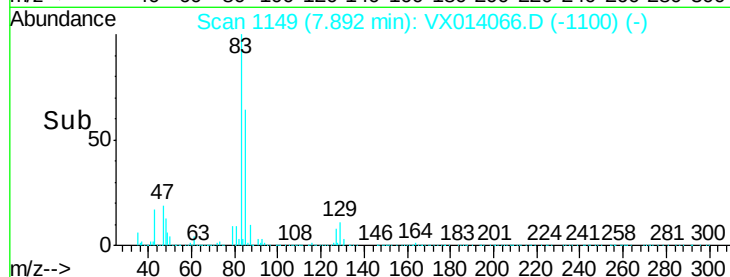
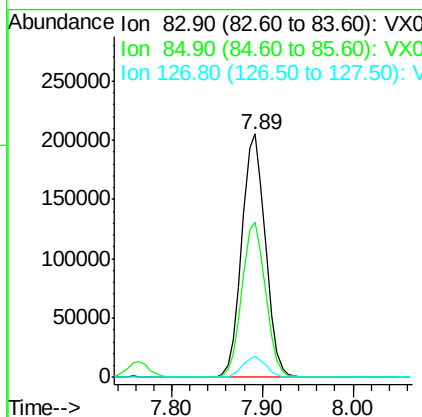
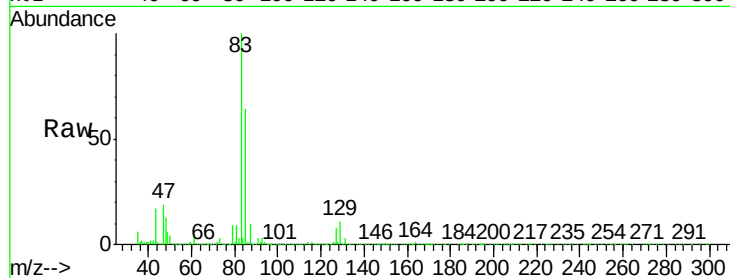
ClientSampleId :

MW202D-20191207MSD

Tot Ion:	83	Resp:	370400
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.8	77.8
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 53.724 ug/l

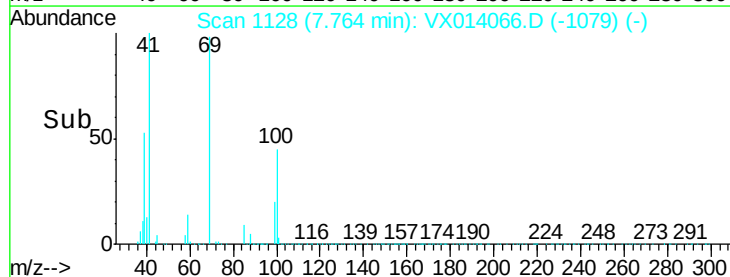
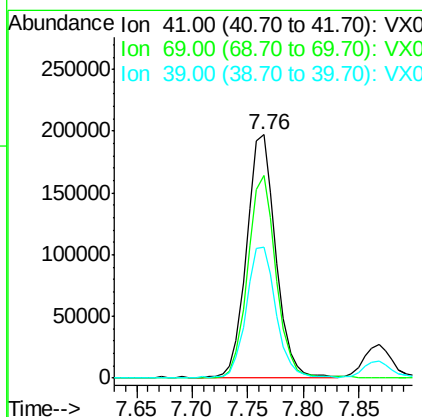
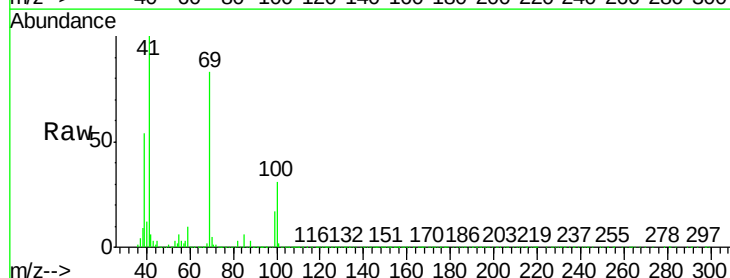
RT: 7.76 min Scan# 1128

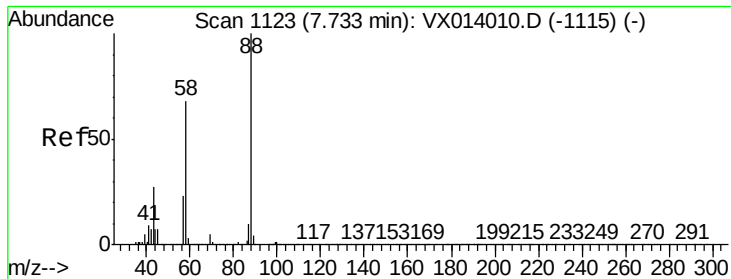
Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion:	41	Resp:	357013
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.8	98.6
39	54.7	44.6	67.0





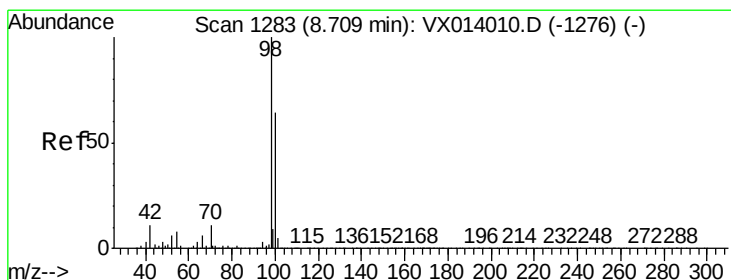
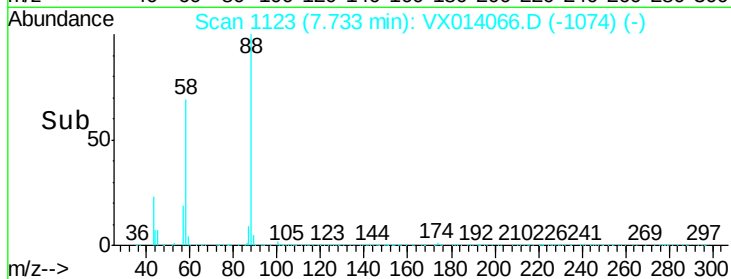
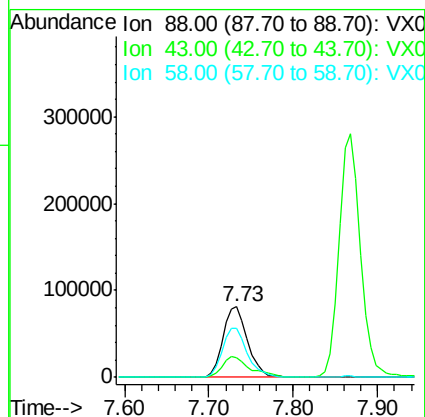
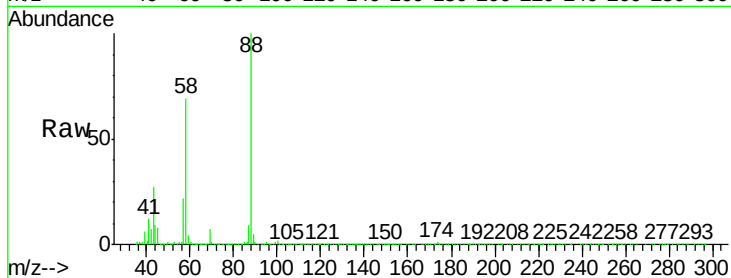
#49
1,4-Dioxane
Concen: 1198.862 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.5	39.7
58	70.5	56.8	85.2

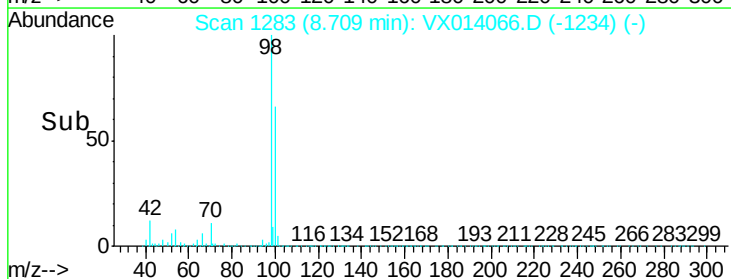
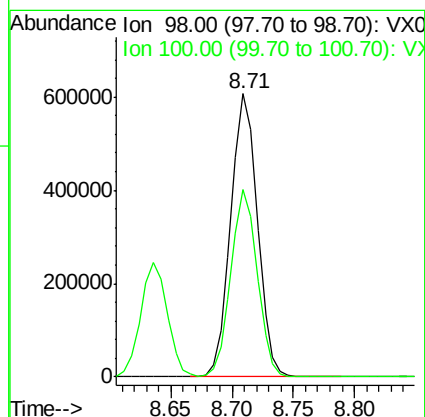
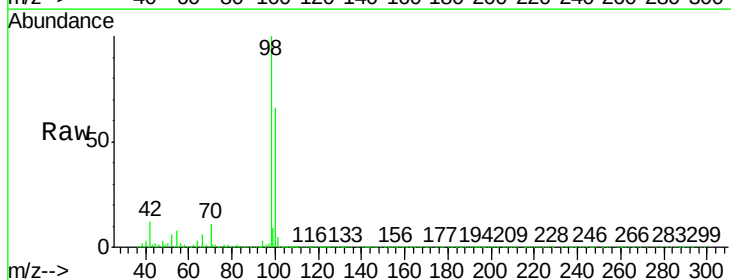
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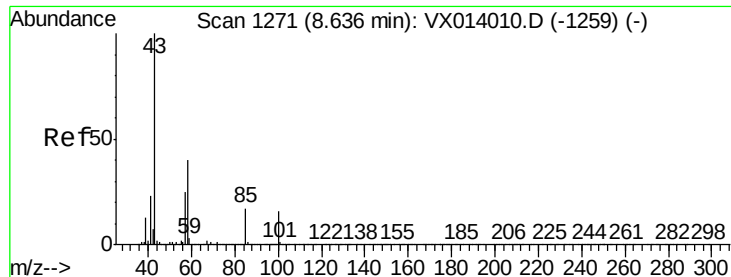
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#50
Toluene-d8
Concen: 47.663 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 273.319 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 43 Resp: 2329442

Ion Ratio Lower Upper

43 100

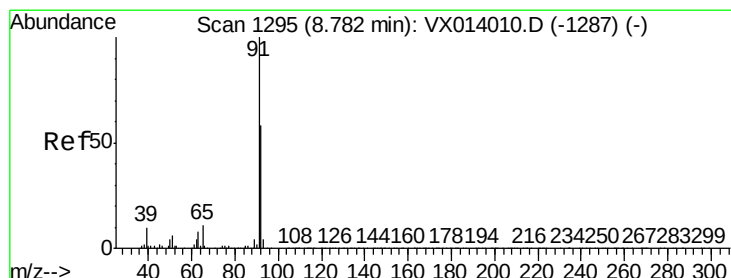
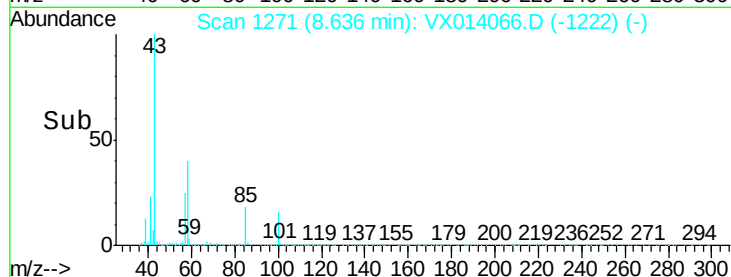
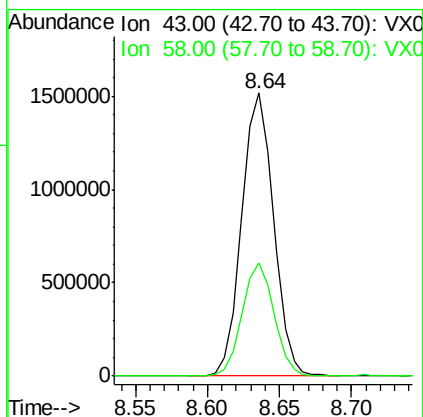
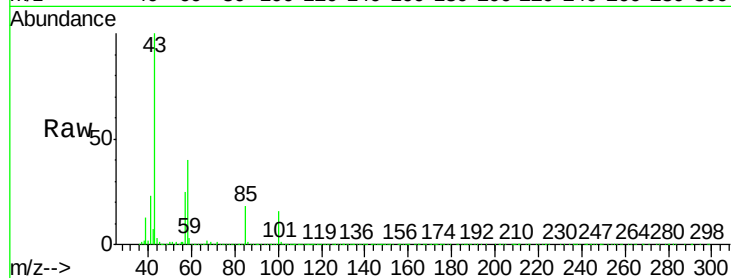
58 39.6 32.2 48.2

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#52

Toluene

Concen: 47.980 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014066.D

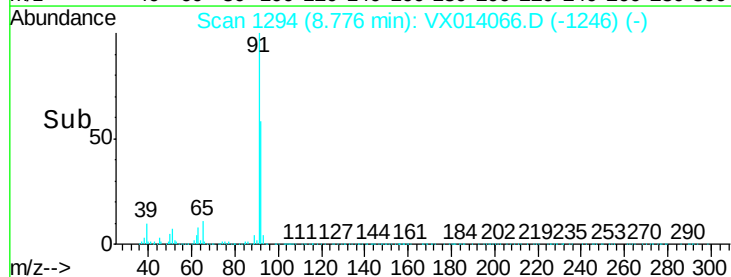
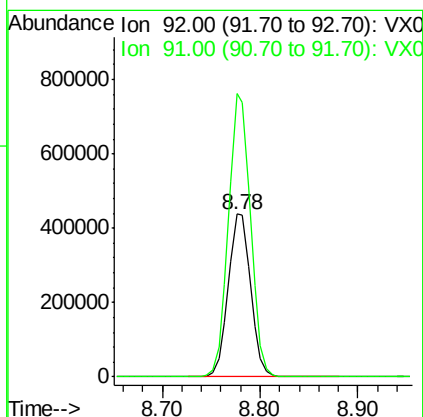
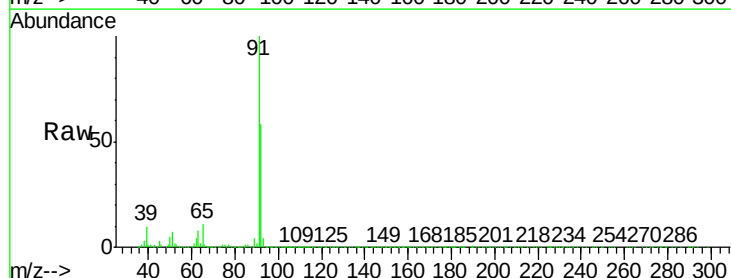
Acq: 17 Dec 2019 20:52

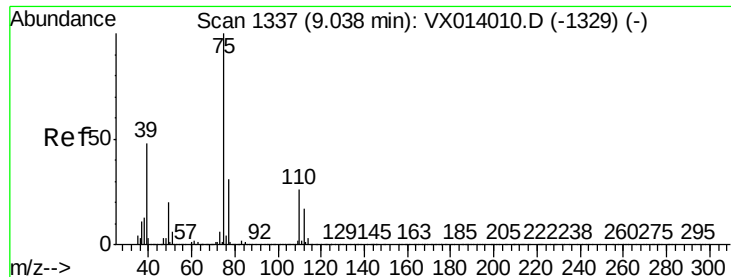
Tgt Ion: 92 Resp: 692924

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 46.634 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 75 Resp: 372879

Ion Ratio Lower Upper

75 100

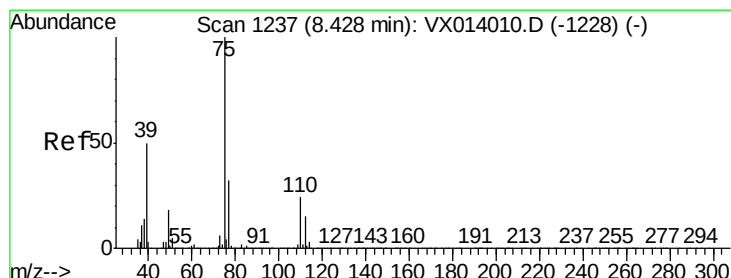
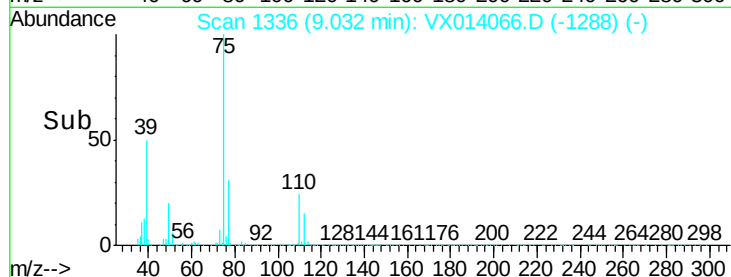
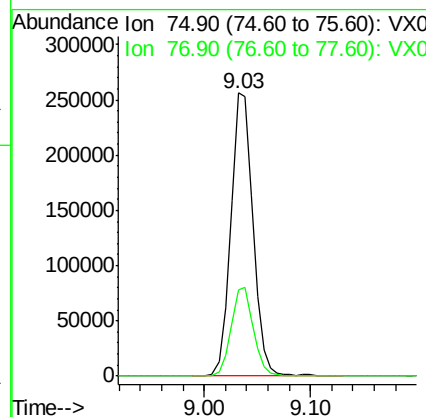
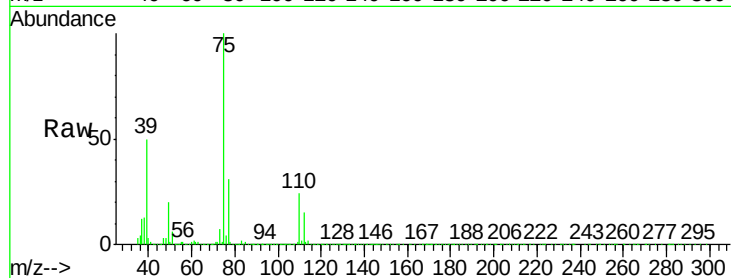
77 30.4 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 46.072 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

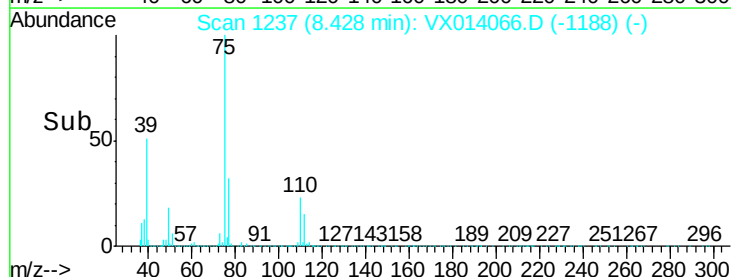
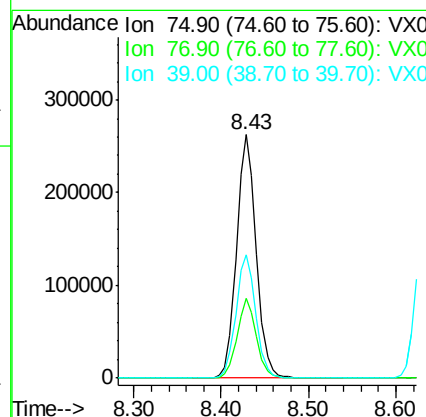
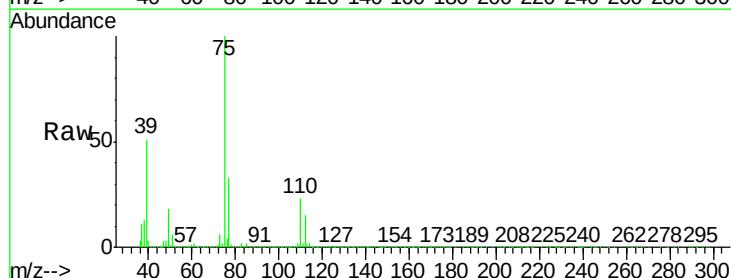
Tgt Ion: 75 Resp: 410403

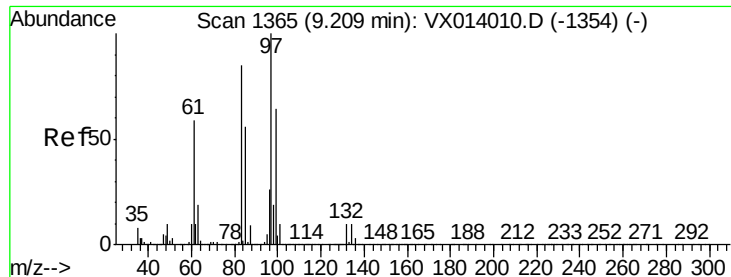
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

39 50.7 39.9 59.9





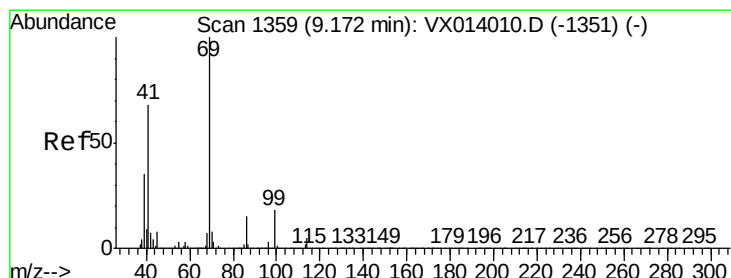
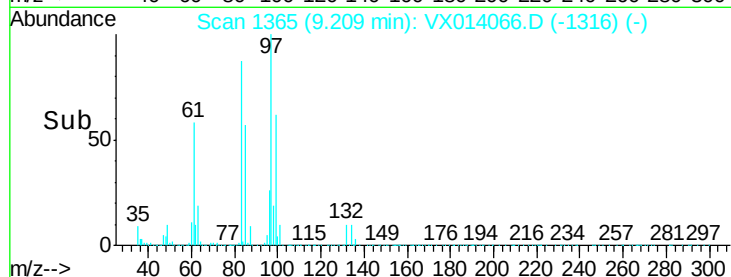
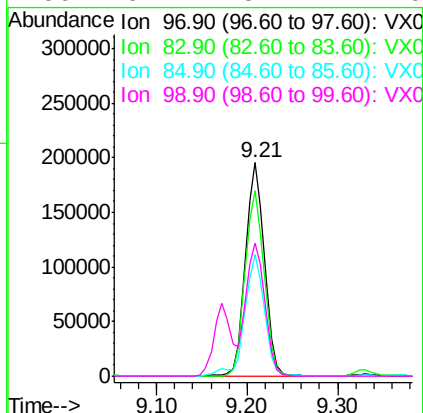
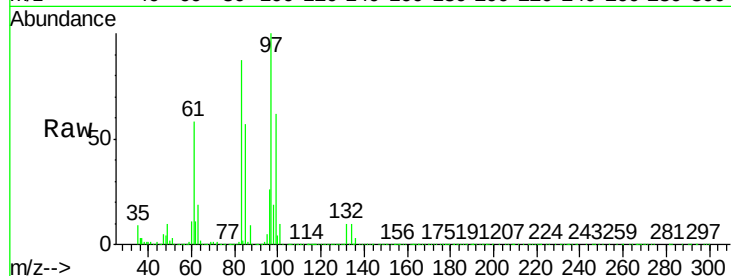
#55
 1,1,2-Trichloroethane
 Concen: 49.202 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		284787		
83	86.9	68.2	102.4		
85	56.6	44.6	66.8		
99	62.4	51.4	77.0		

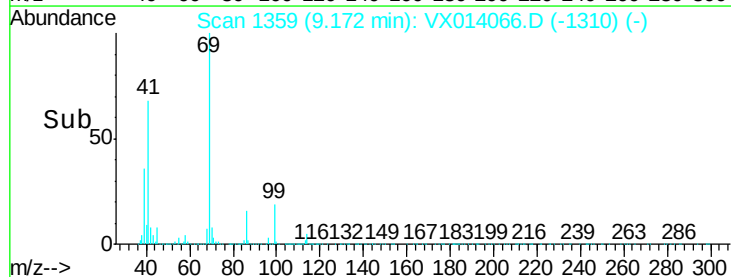
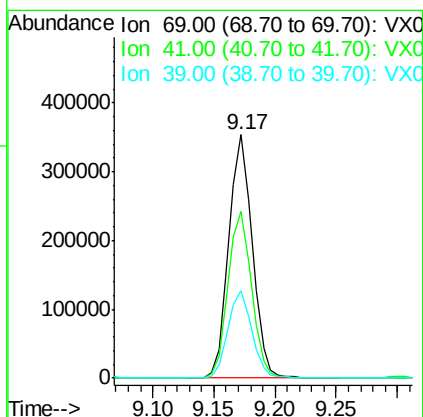
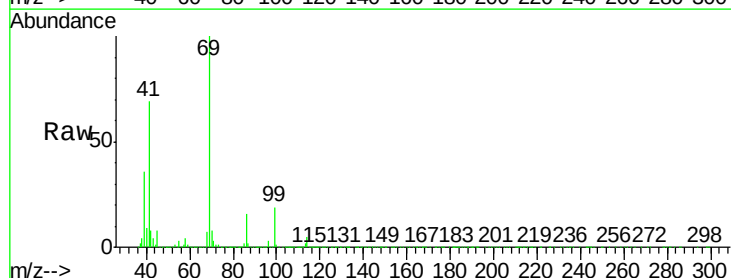
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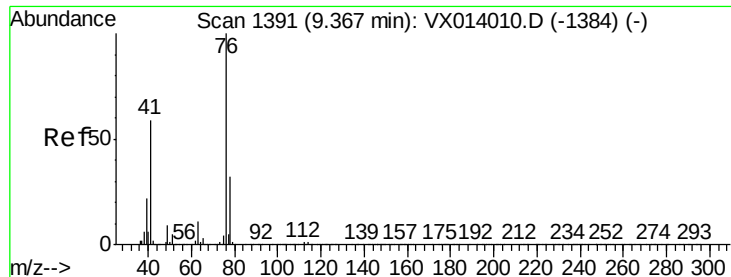
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#56
 Ethyl methacrylate
 Concen: 51.783 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		470819		
41	68.3	54.8	82.2		
39	36.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.264 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 76 Resp: 489496

Ion Ratio Lower Upper

76 100

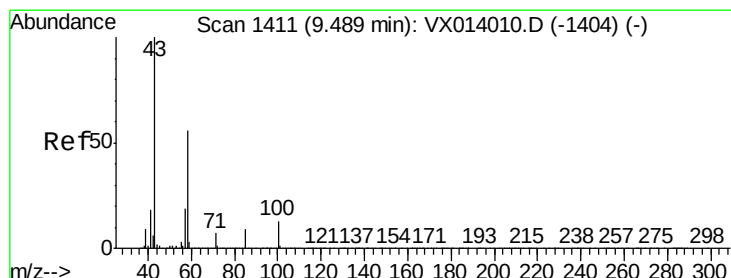
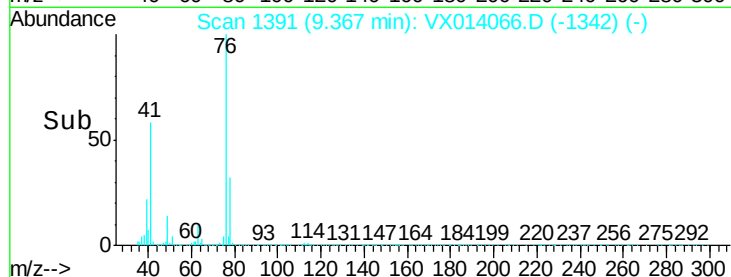
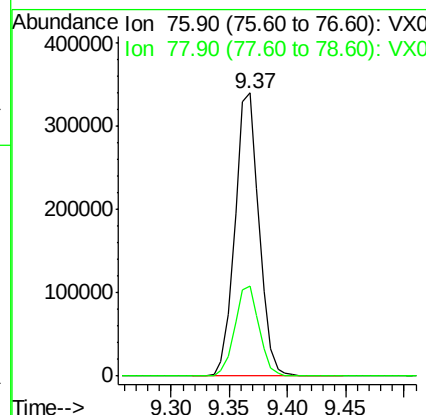
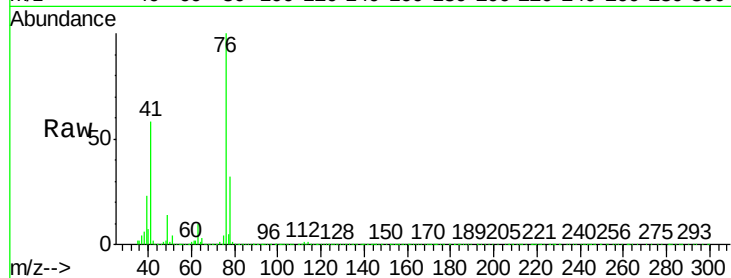
78 32.3 25.8 38.6

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#59

2-Hexanone

Concen: 263.303 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014066.D

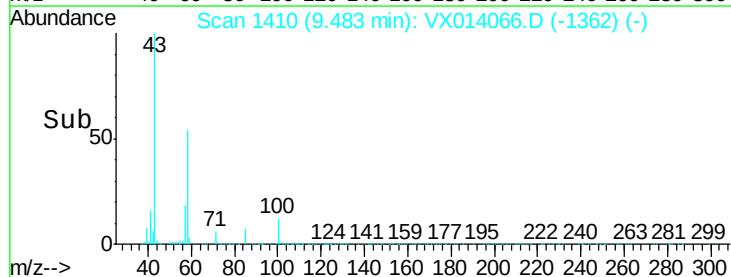
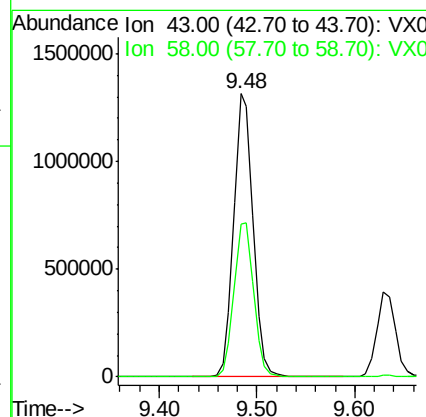
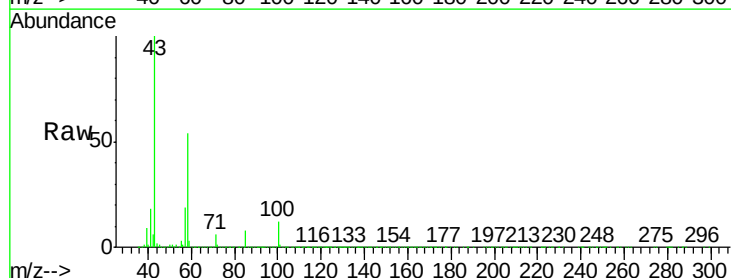
Acq: 17 Dec 2019 20:52

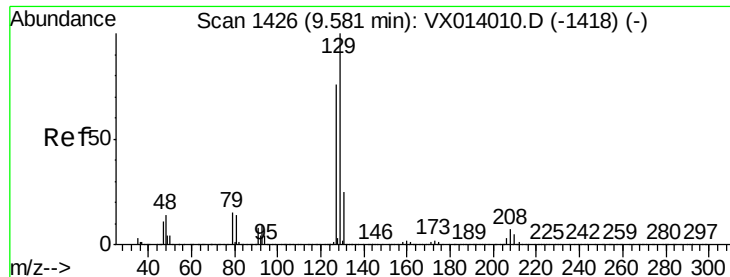
Tgt Ion: 43 Resp: 1806493

Ion Ratio Lower Upper

43 100

58 55.7 28.0 84.0





#60

Dibromochloromethane

Concen: 51.642 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion:129 Resp: 297116

Ion Ratio Lower Upper

129 100

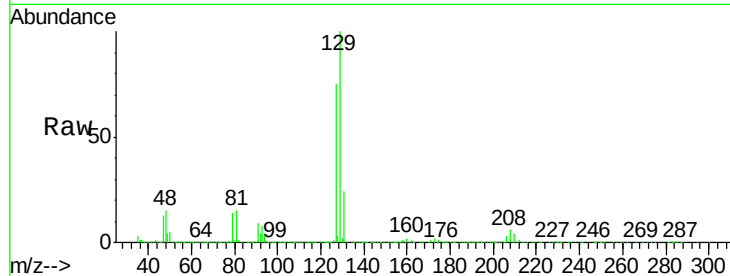
127 77.9 38.4 115.2

Manual Integrations

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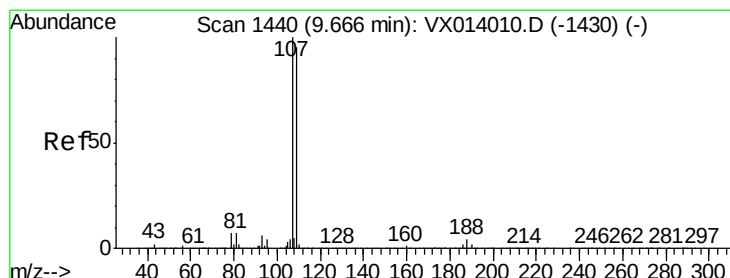
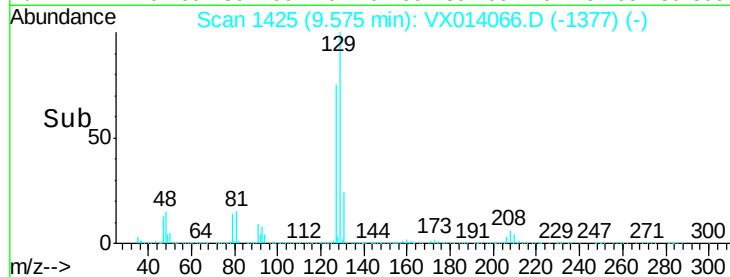
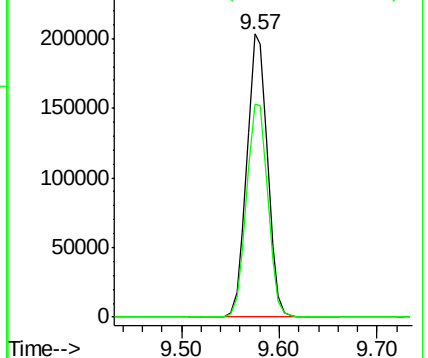
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.902 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014066.D

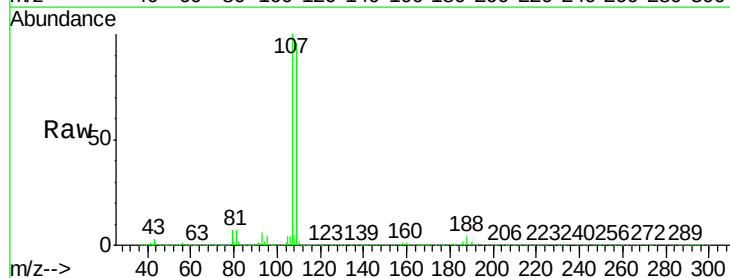
Acq: 17 Dec 2019 20:52

Tgt Ion:107 Resp: 301448

Ion Ratio Lower Upper

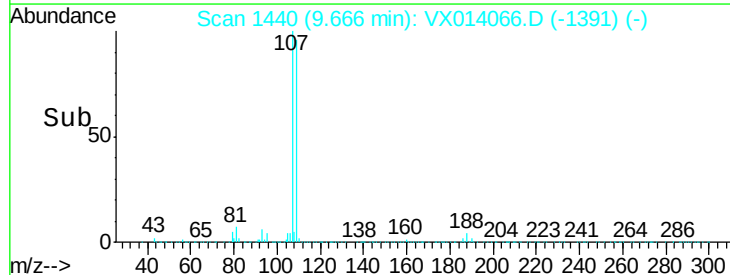
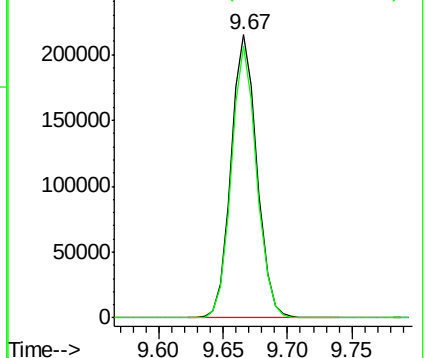
107 100

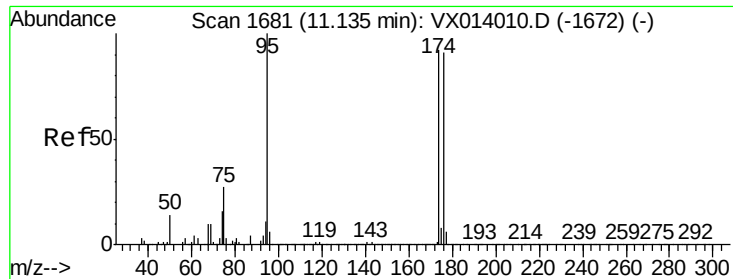
109 94.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 44.936 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

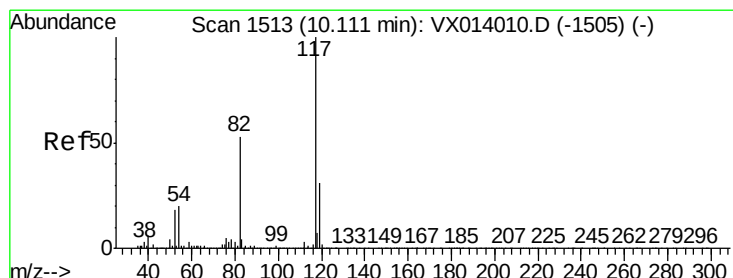
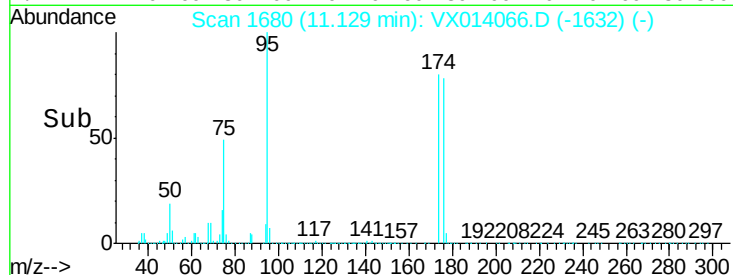
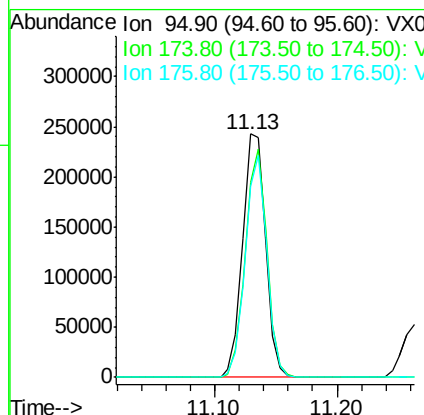
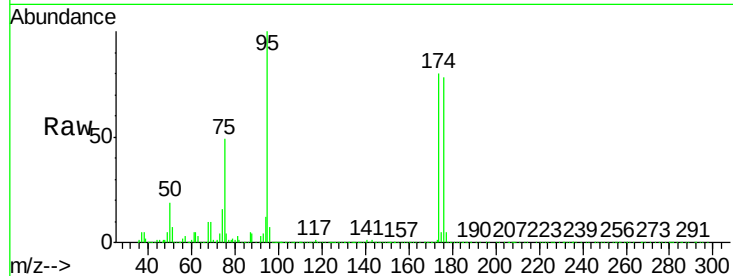
ClientSampleId :

MW202D-20191207MSD

Tot Ion:	95	Resp:	314617
Ion Ratio	Lower	Upper	
95	100		
174	88.4	0.0	175.8
176	86.1	0.0	173.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

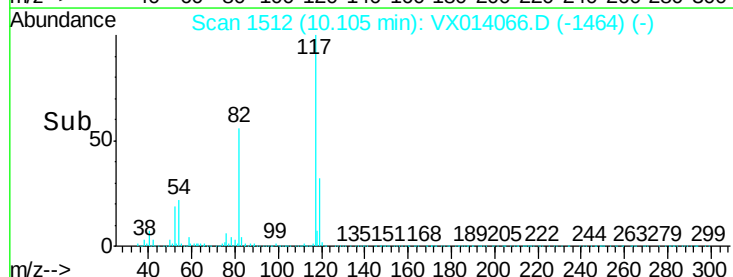
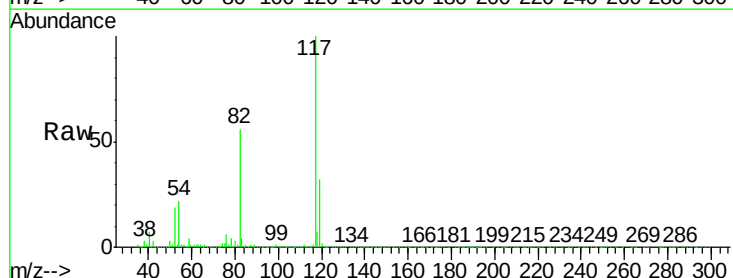
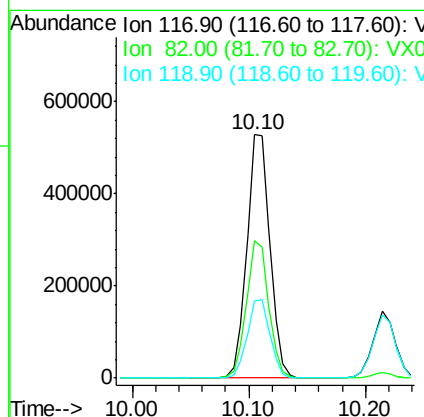
RT: 10.10 min Scan# 1512

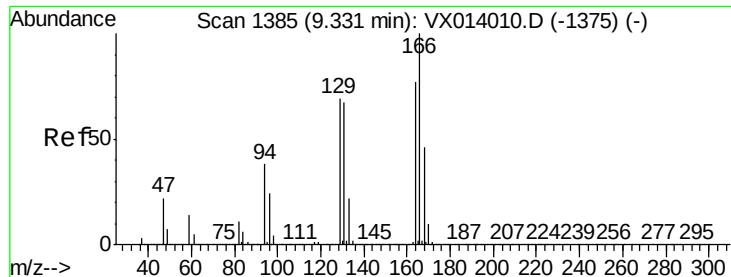
Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion:	117	Resp:	732965
Ion Ratio	Lower	Upper	
117	100		
82	56.2	42.2	63.4
119	31.8	25.1	37.7





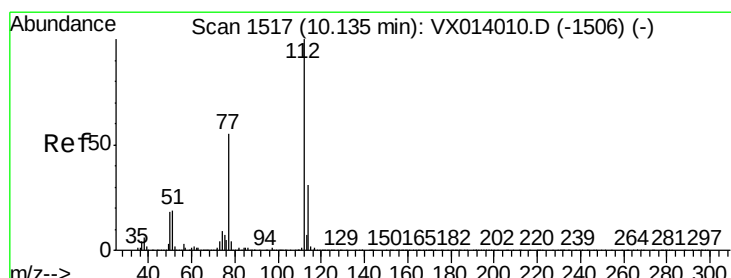
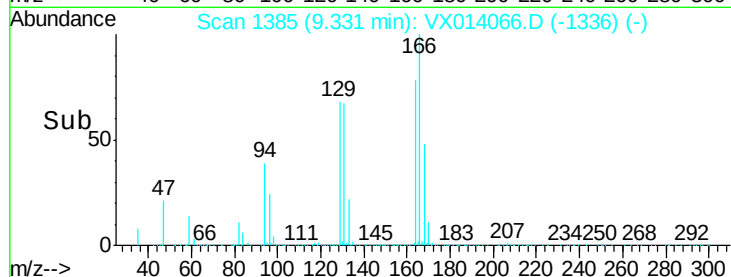
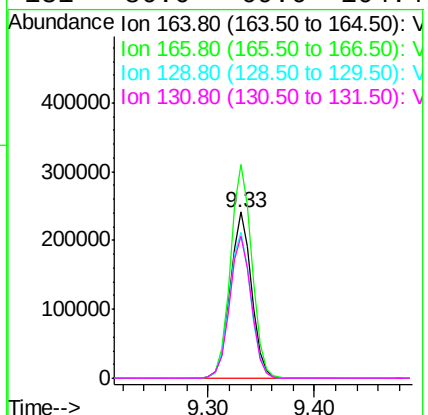
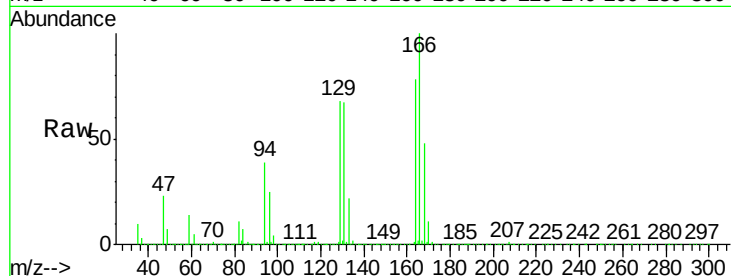
#64
Tetrachloroethene
Concen: 52.058 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.8	104.0	156.0
129	87.7	72.2	108.4
131	86.0	69.6	104.4

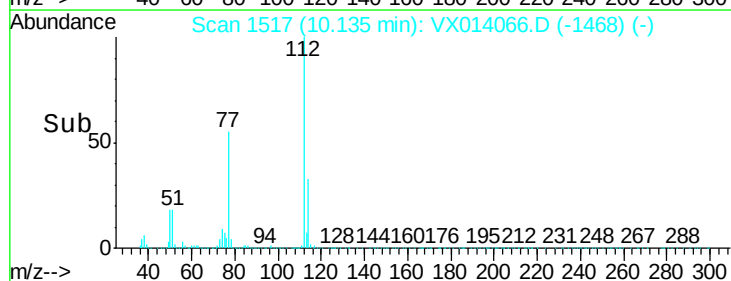
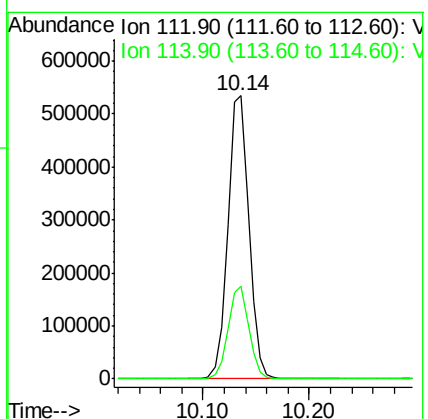
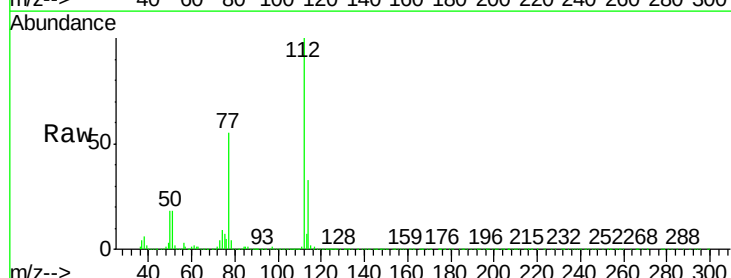
Manual Integrations
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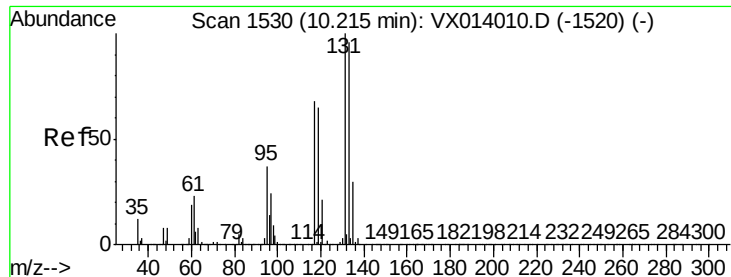
apatel
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#65
Chlorobenzene
Concen: 47.384 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.9	37.3





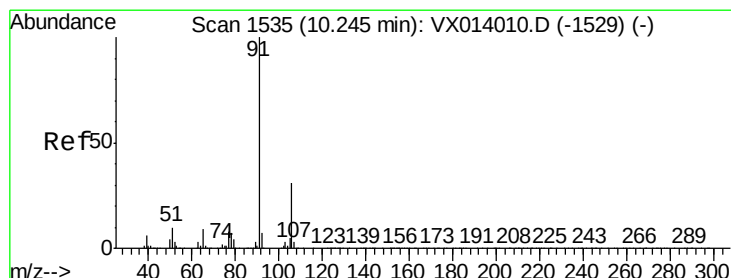
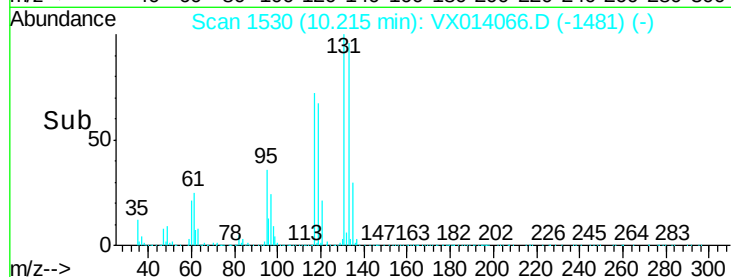
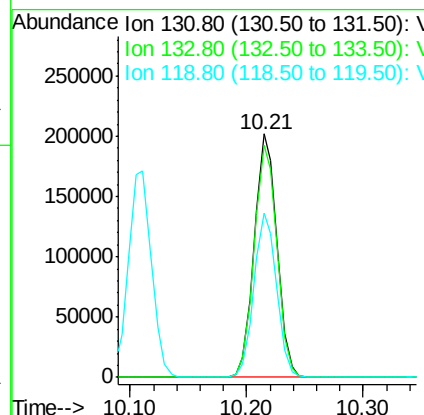
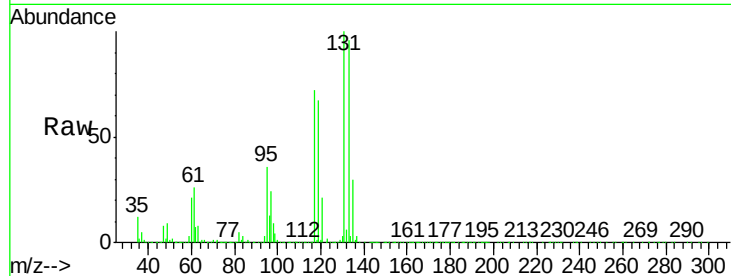
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.439 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.0	144.0
119	66.9	33.4	100.2

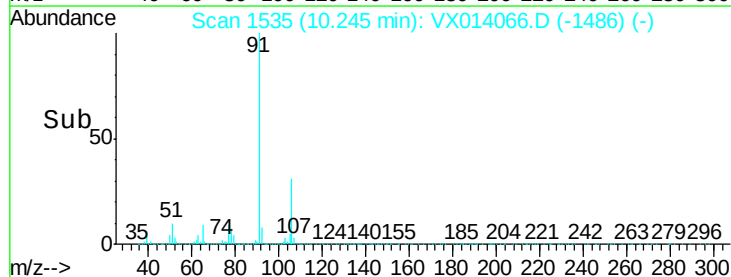
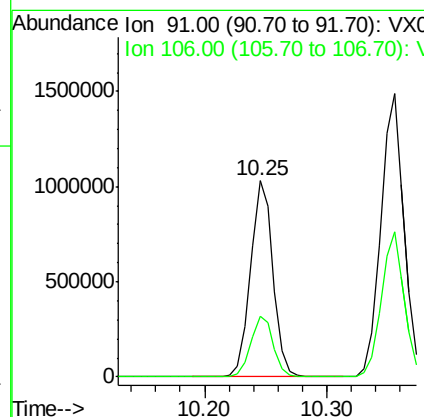
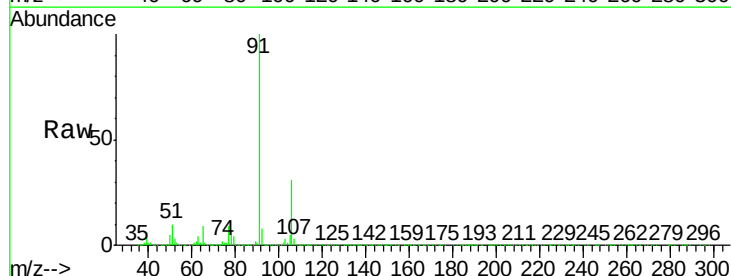
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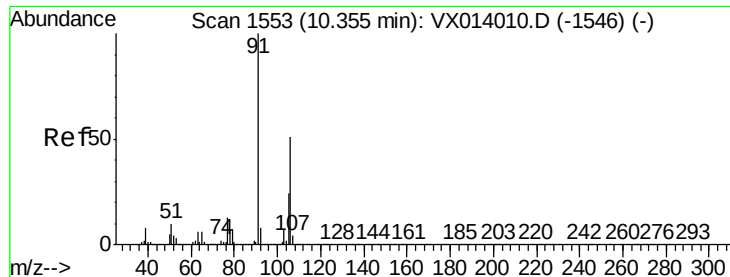
apatel
 12/18/2019 11:04:35 AM



#67
 Ethyl Benzene
 Concen: 48.827 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.6





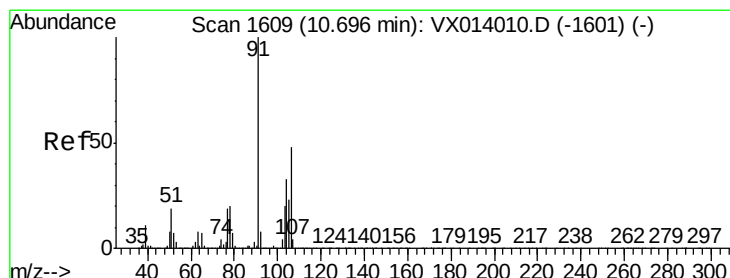
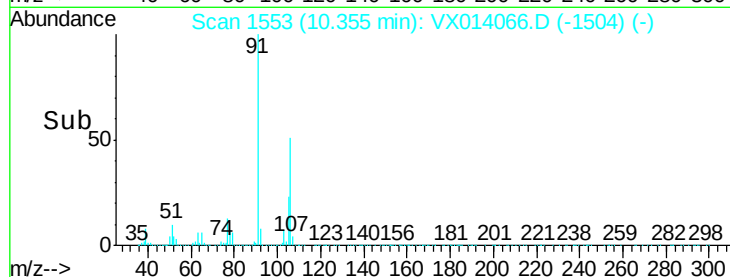
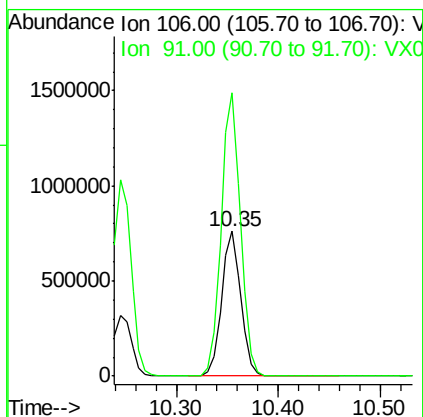
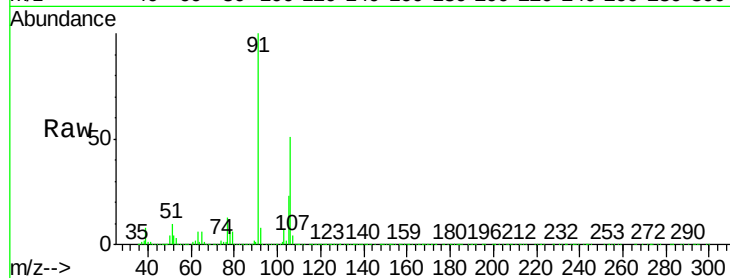
#68
m/p-Xylenes
Concen: 96.025 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Resp	Lower	Upper
106	100	989558		
91	197.4	158.6	238.0	

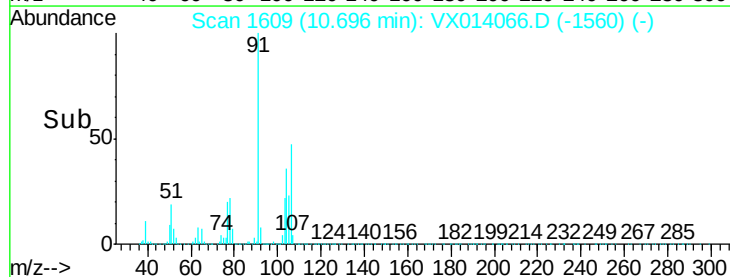
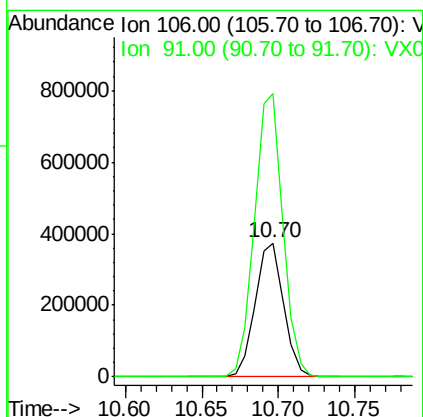
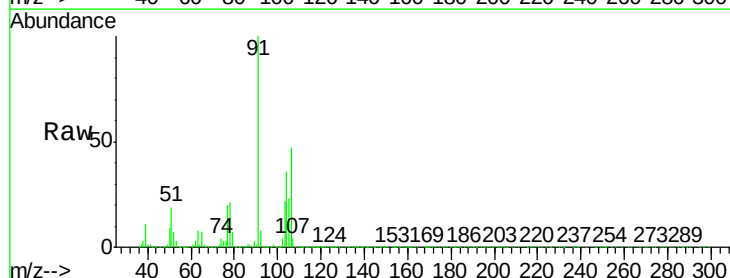
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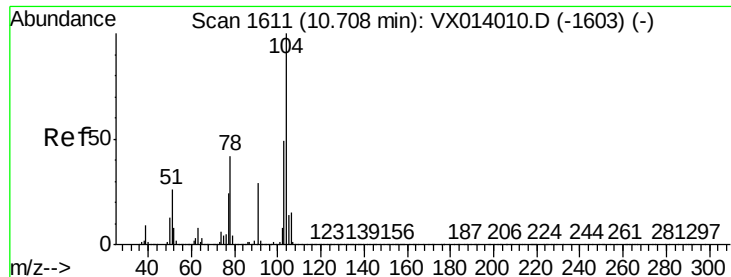
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#69
o-Xylene
Concen: 47.924 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	484357		
91	211.6	104.2	312.6	





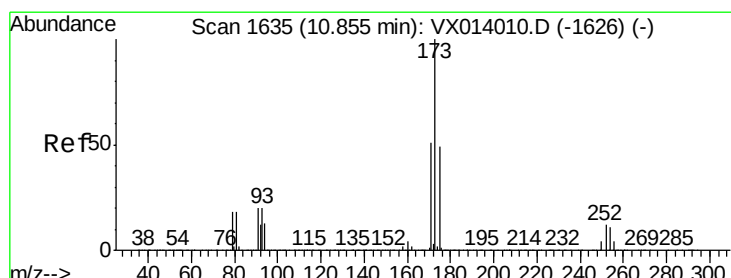
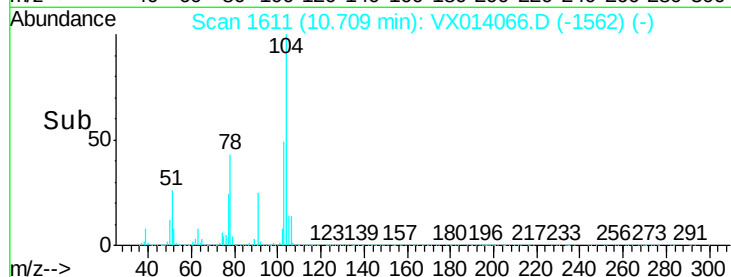
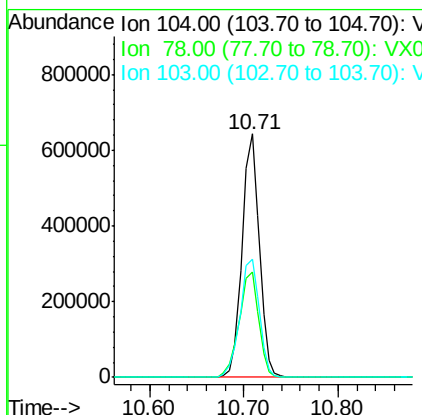
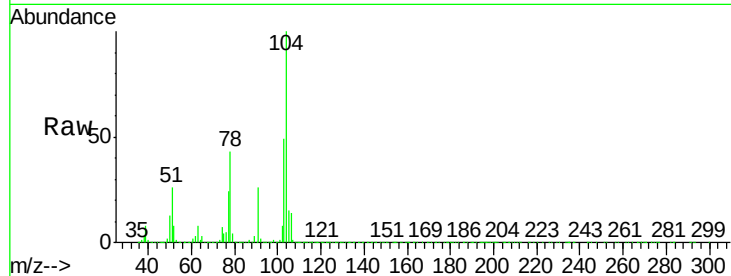
#70
Stvrene
Concen: 47.988 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.9	42.9	64.3

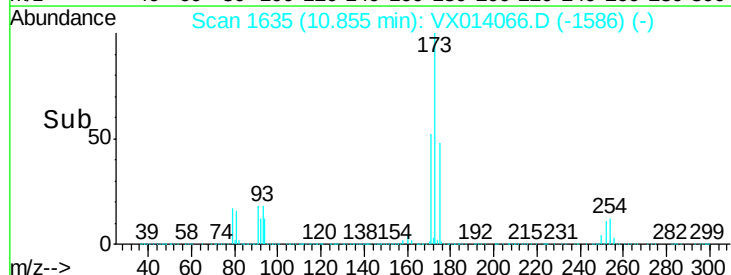
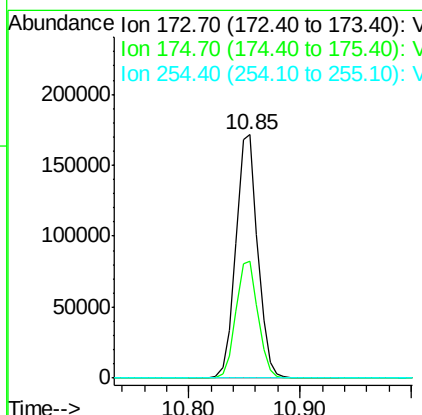
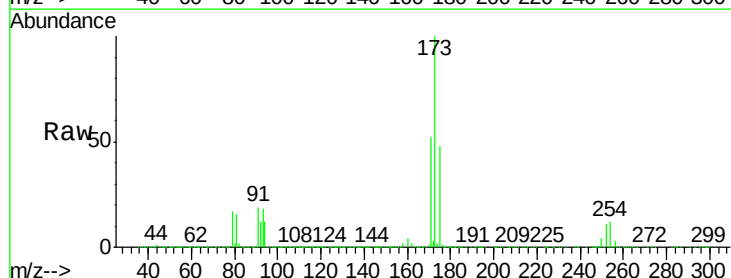
Manual Integrations
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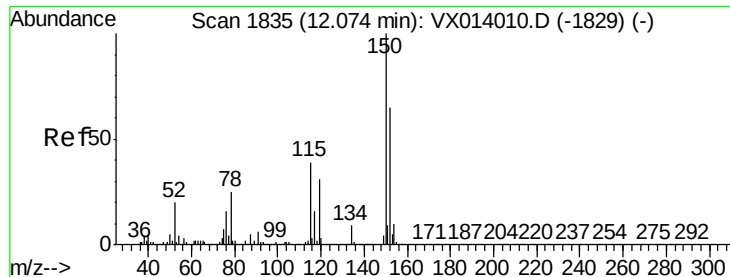
apatel
12/18/2019 11:04:35 AM



#71
Bromoform
Concen: 52.114 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.3	0.2	0.2#





#72

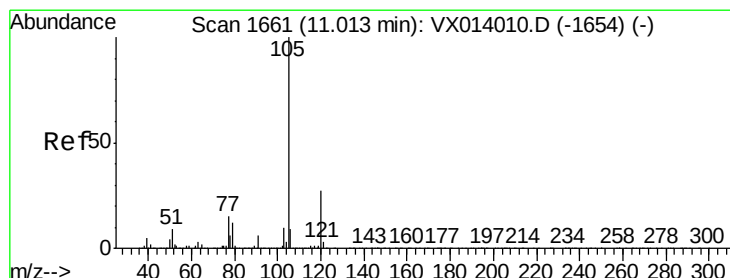
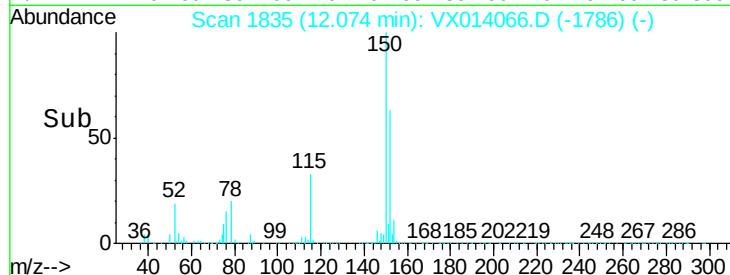
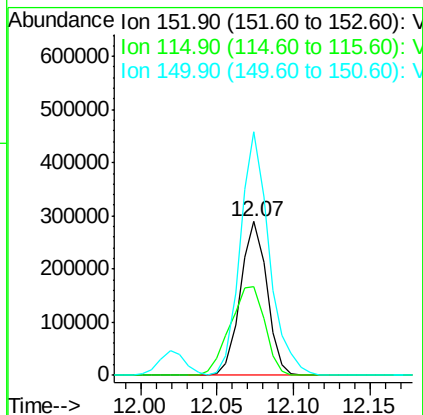
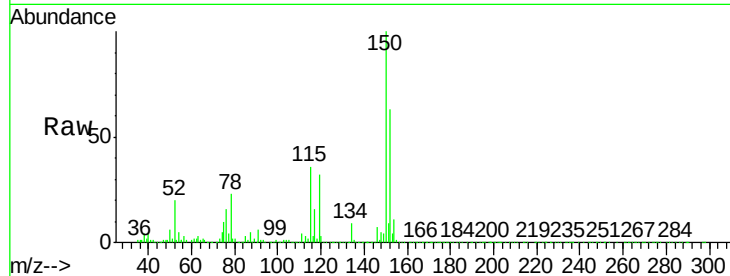
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	75.8	38.3	114.9
150	172.7	0.0	345.4

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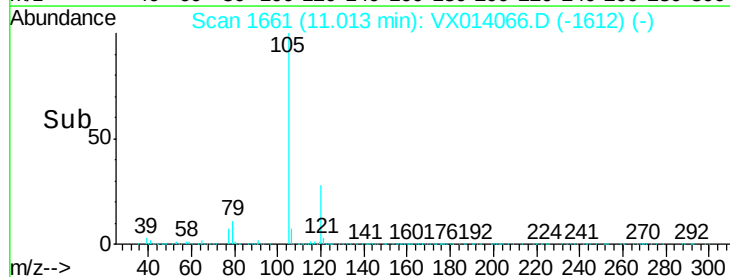
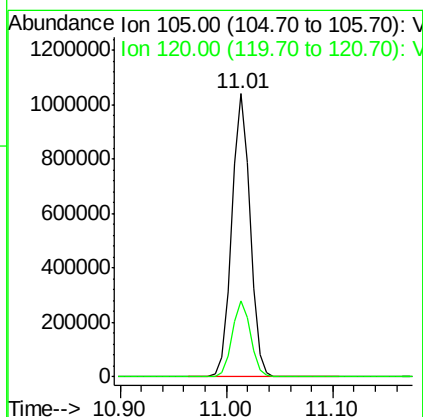
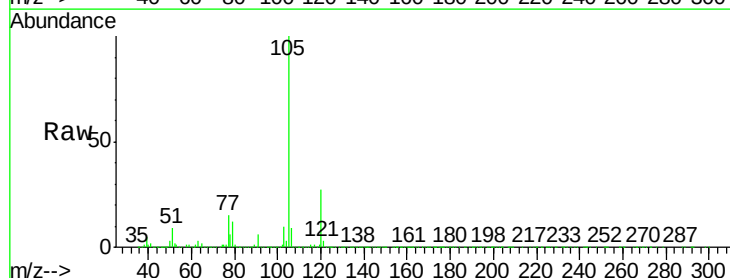
apatel
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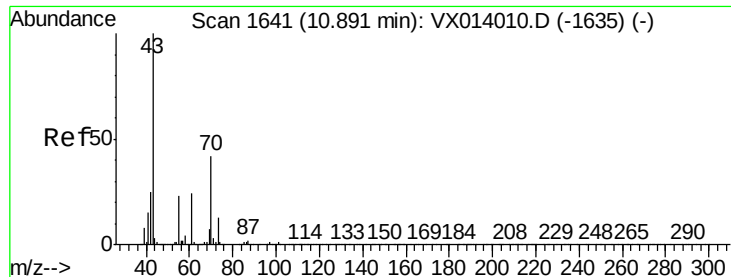


#73

Isopropylbenzene
Concen: 51.274 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4





#74

N-amvl acetate

Concen: 43.801 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

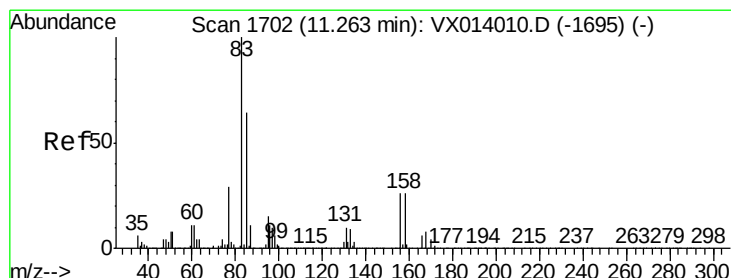
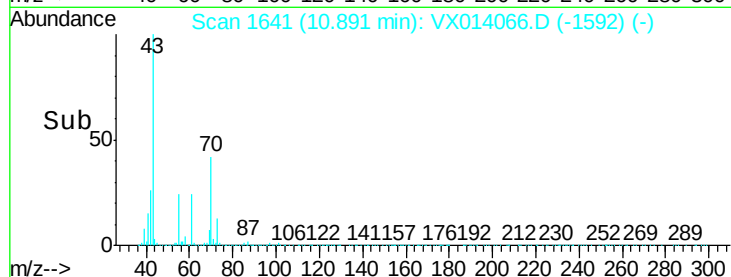
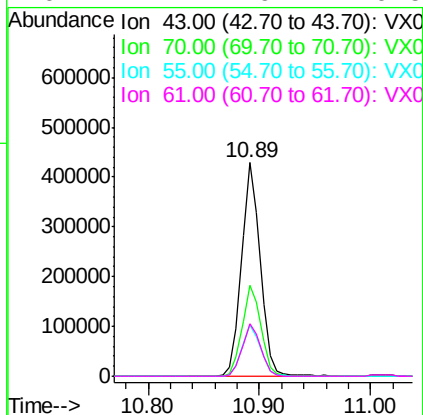
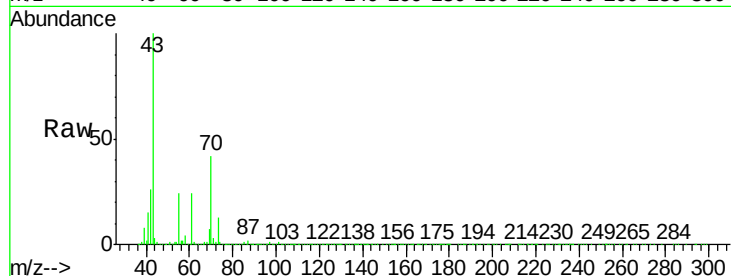
ClientSampleId :

MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.4	51.6
55	24.1	19.1	28.7
61	24.4	19.7	29.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 54.727 ug/l

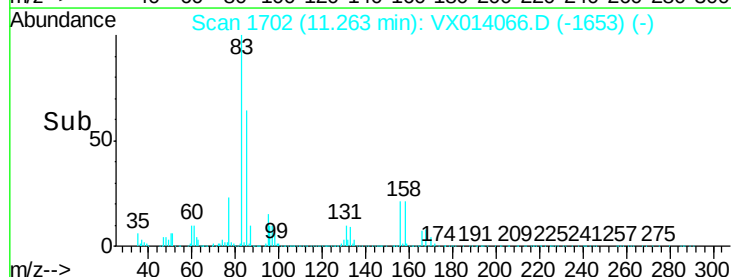
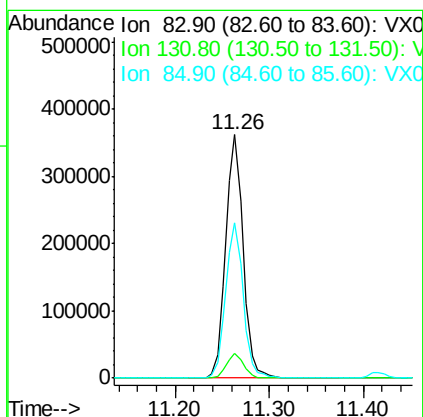
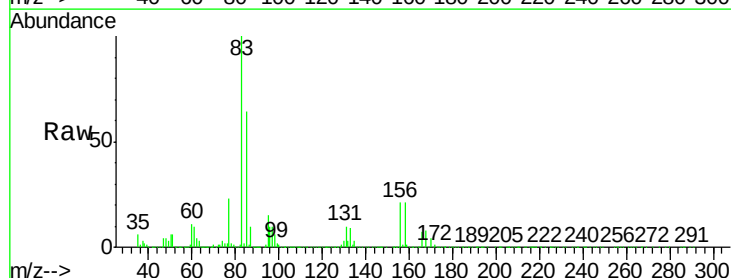
RT: 11.26 min Scan# 1702

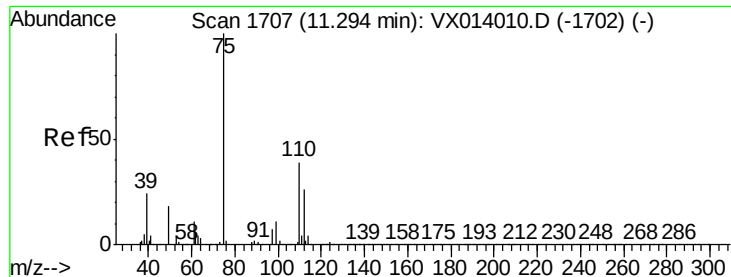
Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.2
85	64.4	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 55.405 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 75 Resp: 417900

Ion Ratio Lower Upper

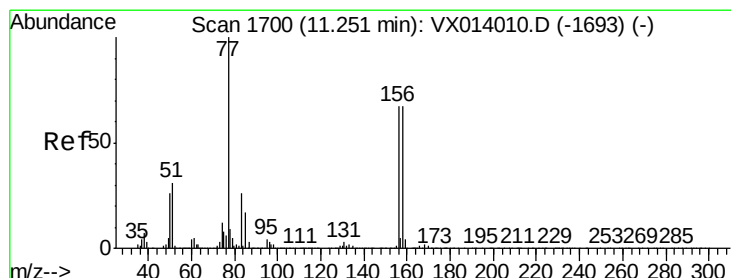
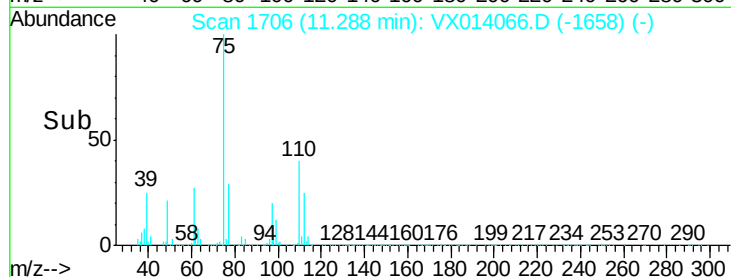
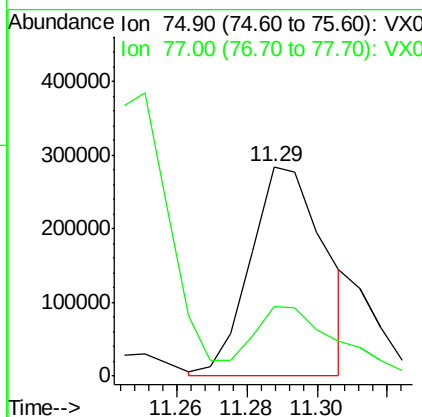
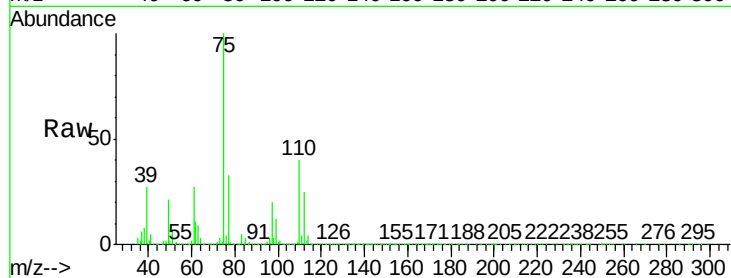
75 100

77 36.9 19.3 57.8

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#77

Bromobenzene

Concen: 49.292 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

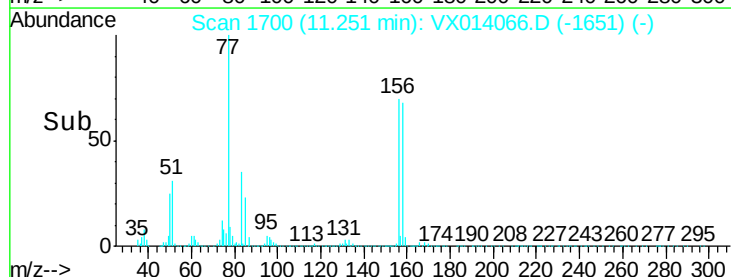
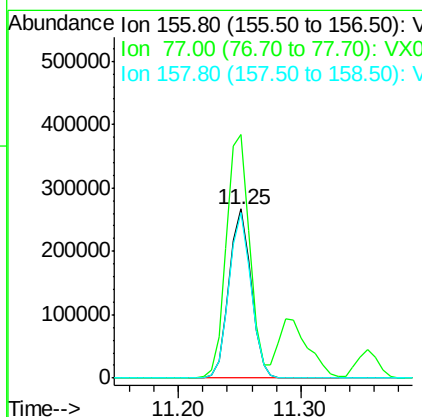
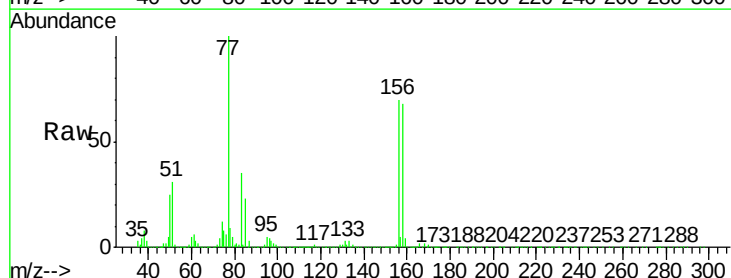
Tgt Ion: 156 Resp: 331752

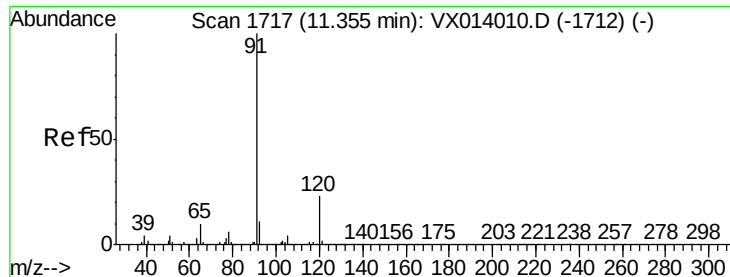
Ion Ratio Lower Upper

156 100

77 153.6 76.5 229.5

158 97.2 49.3 147.9





#78

n-propylbenzene

Concen: 50.459 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 91 Resp: 1384484

Ion Ratio Lower Upper

91 100

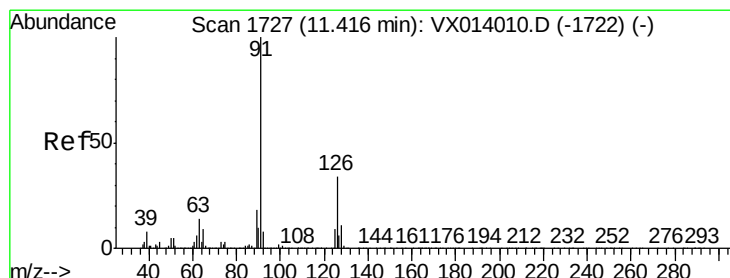
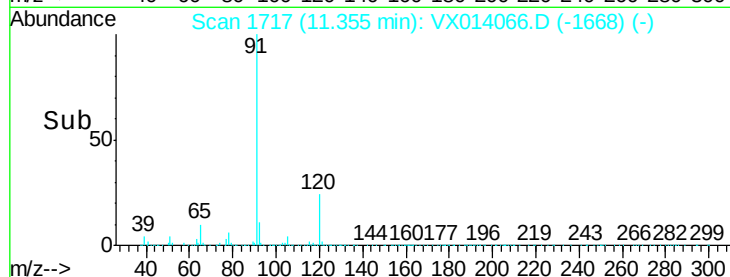
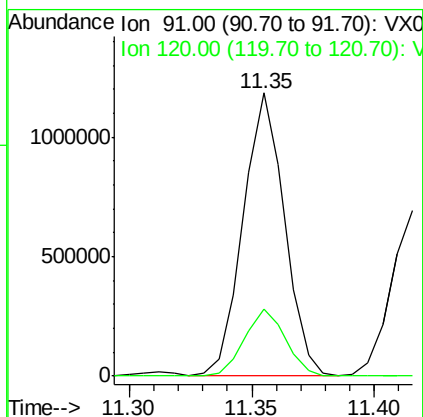
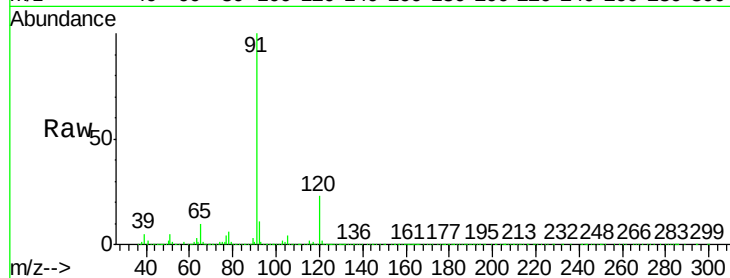
120 23.6 11.7 35.0

Manual Integrations

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#79

2-Chlorotoluene

Concen: 50.398 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014066.D

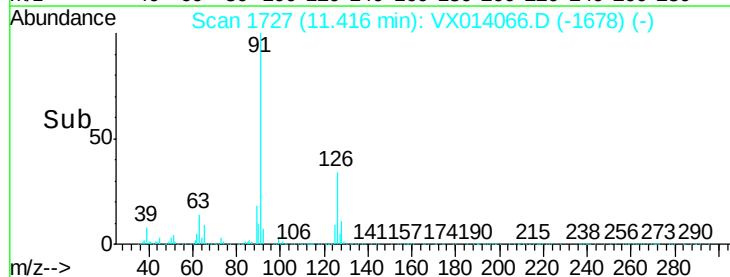
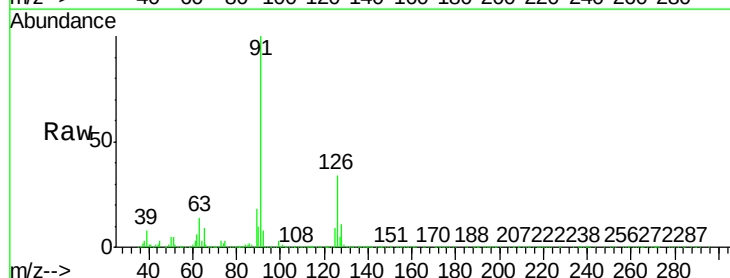
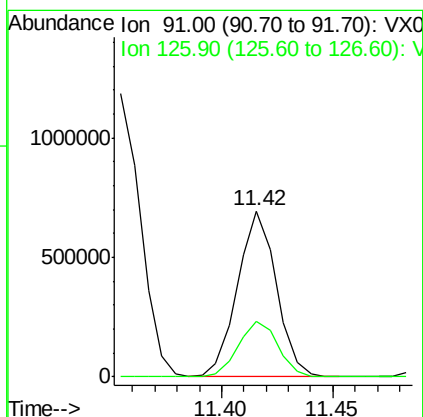
Acq: 17 Dec 2019 20:52

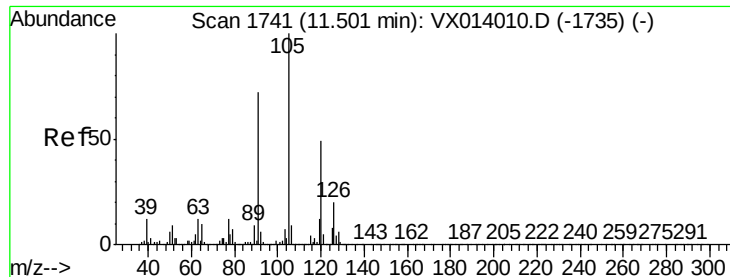
Tgt Ion: 91 Resp: 840580

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6





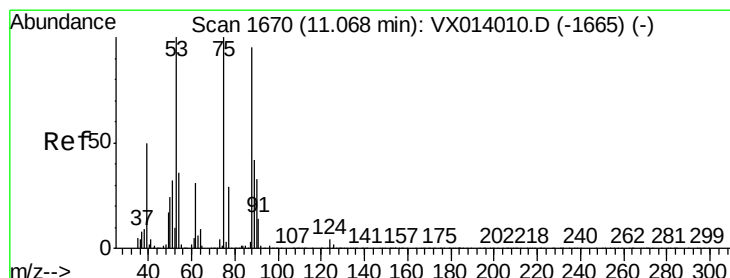
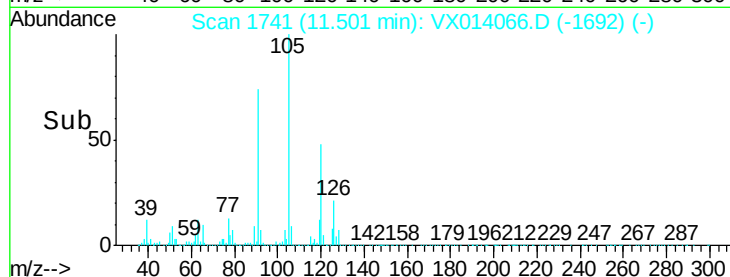
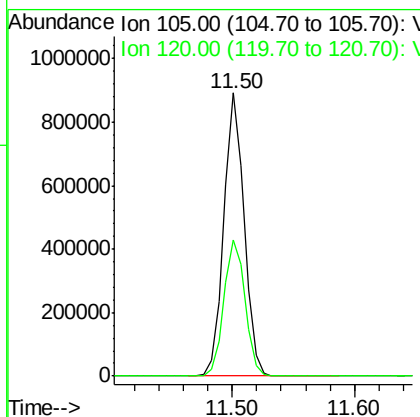
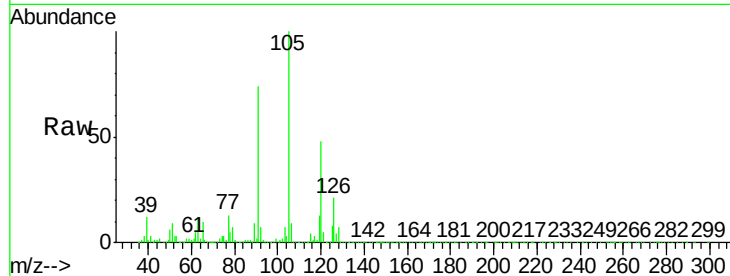
#80
 1,3,5-Trimethylbenzene
 Concen: 49.803 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion:105 Resp: 1025291
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8

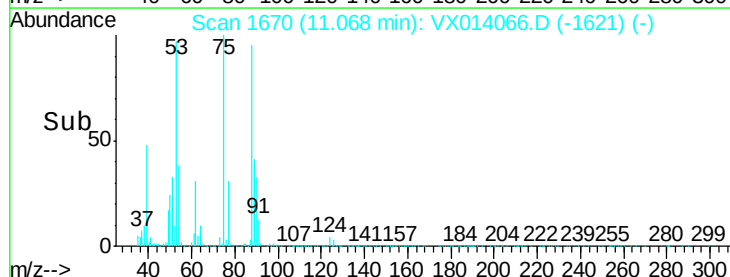
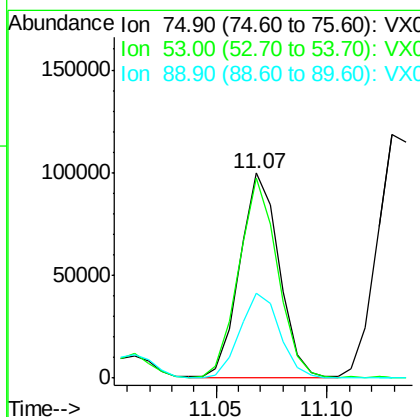
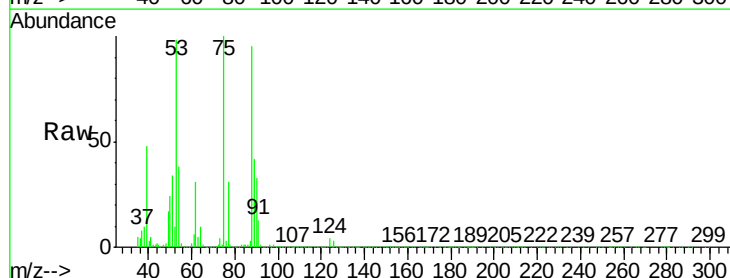
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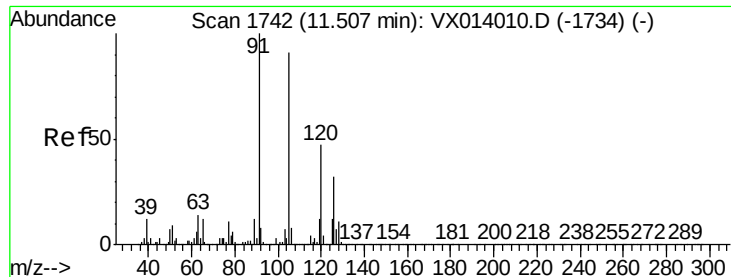
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.142 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion: 75 Resp: 123305
 Ion Ratio Lower Upper
 75 100
 53 96.1 76.7 115.1
 89 42.3 34.6 51.8





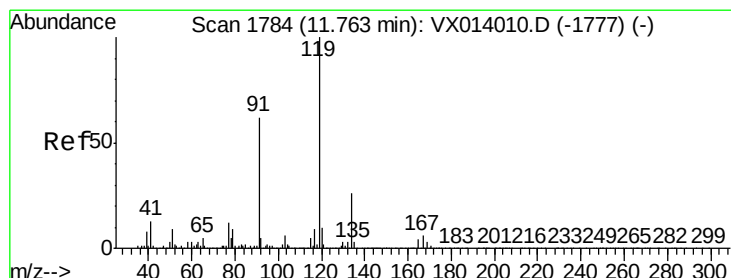
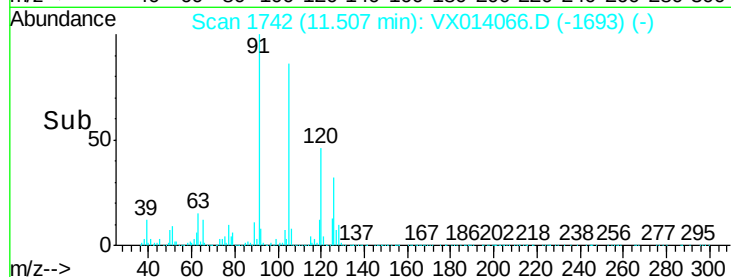
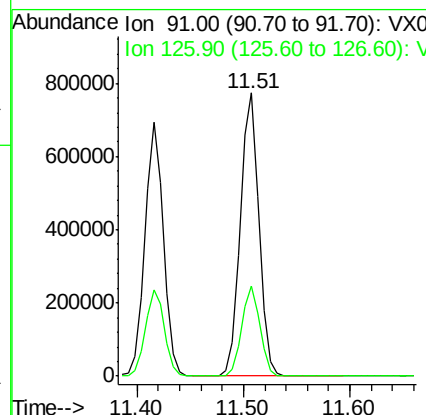
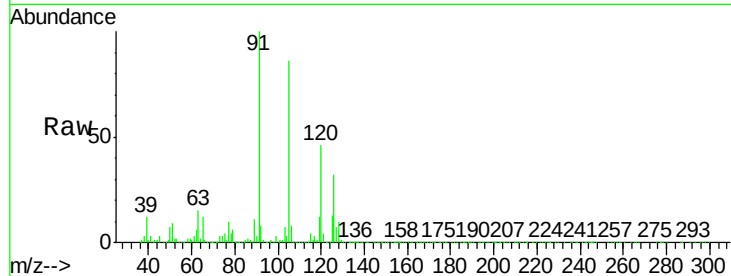
#82
4-Chlorotoluene
Concen: 49.161 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion: 91 Resp: 951108
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8

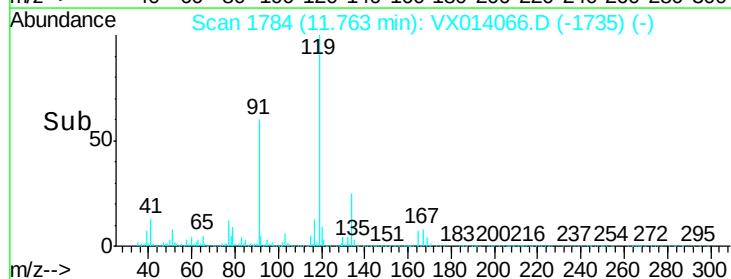
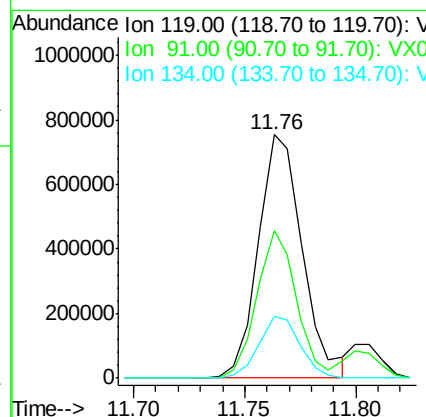
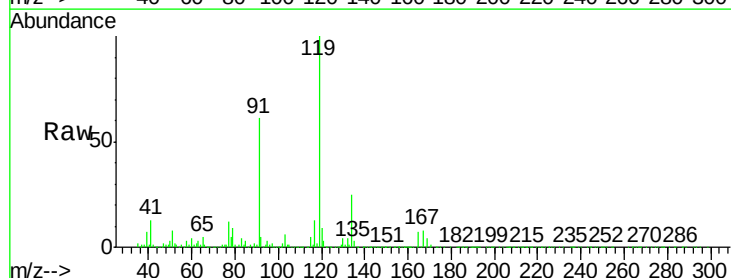
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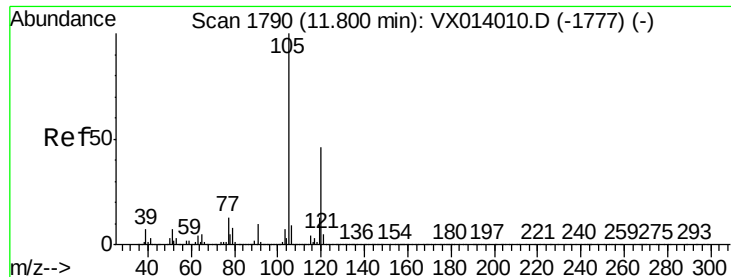
apatel
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#83
tert-Butylbenzene
Concen: 51.787 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion: 119 Resp: 1037532
Ion Ratio Lower Upper
119 100
91 54.6 28.5 85.6
134 23.8 12.2 36.6





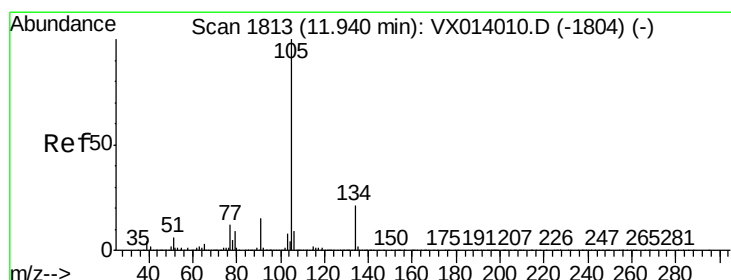
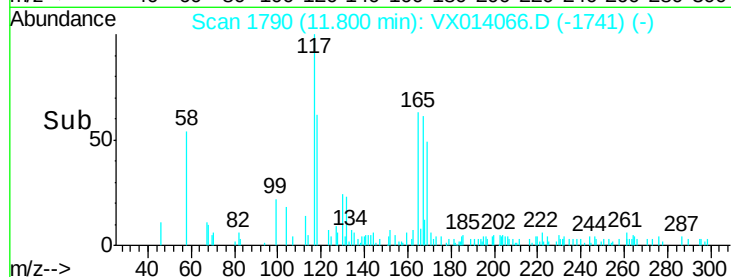
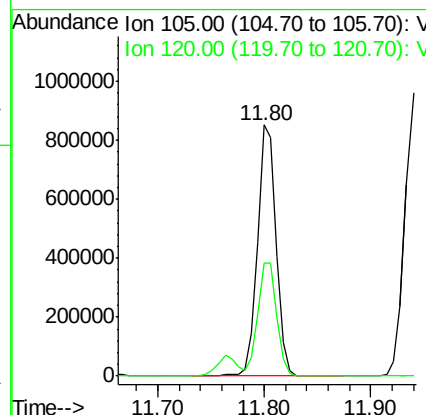
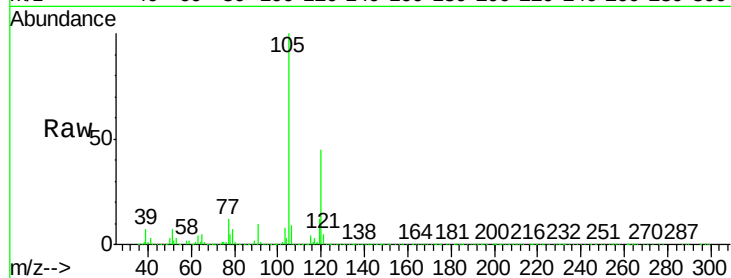
#84
 1,2,4-Trimethylbenzene
 Concen: 50.560 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion:105 Resp: 1042381
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2

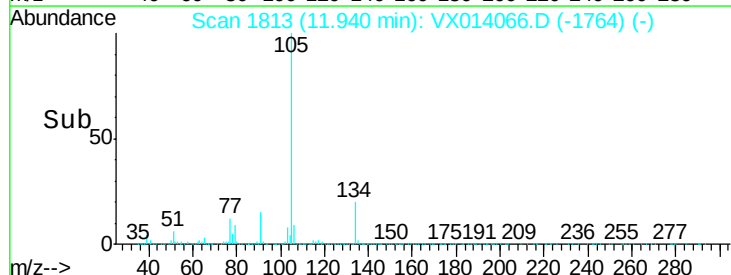
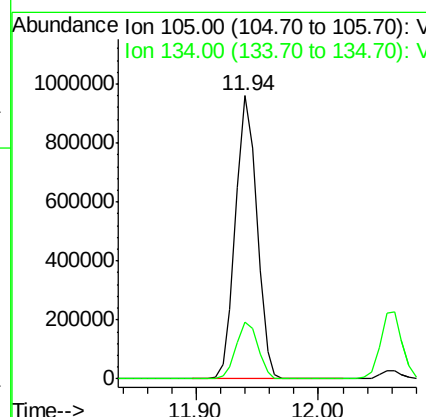
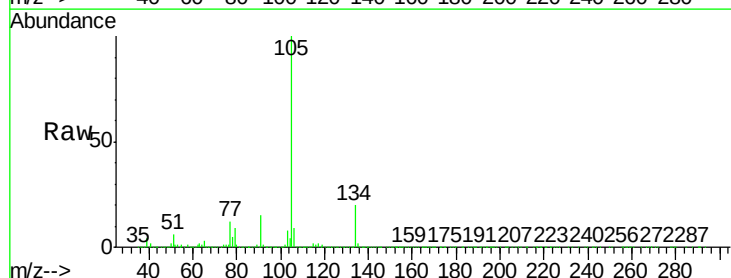
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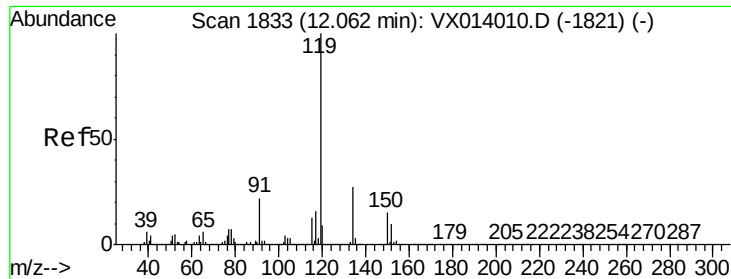
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#85
 sec-Butylbenzene
 Concen: 48.878 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion:105 Resp: 1156021
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1





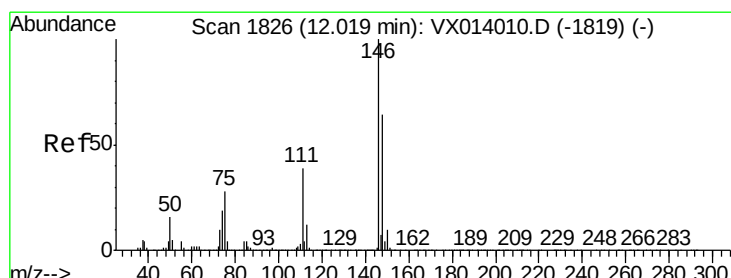
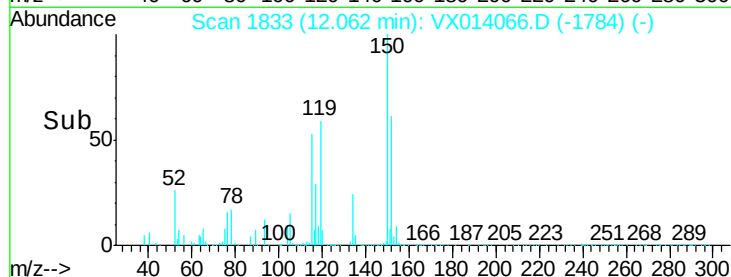
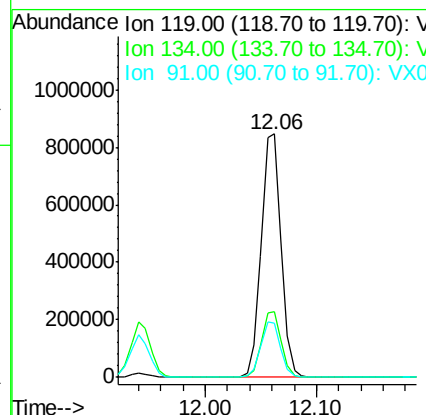
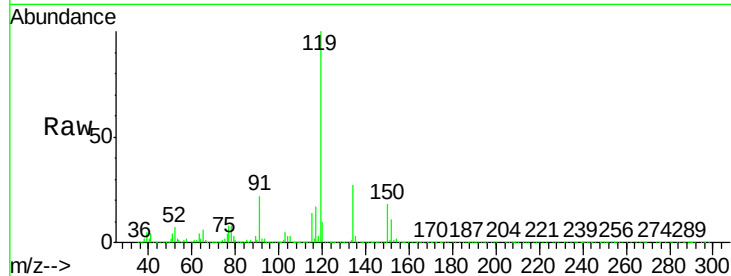
#86
p-Isopropyltoluene
Concen: 48.801 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	22.5	11.4	34.1

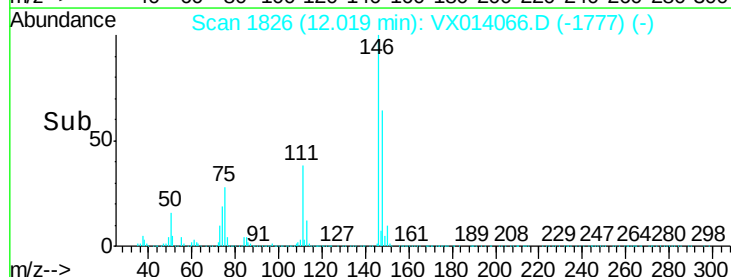
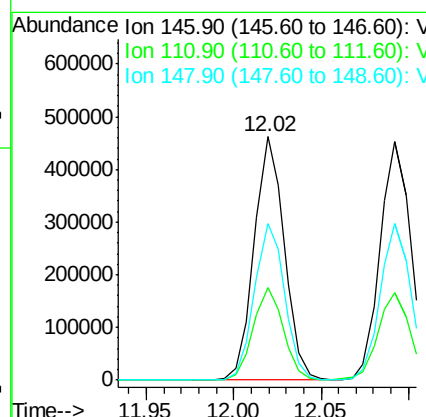
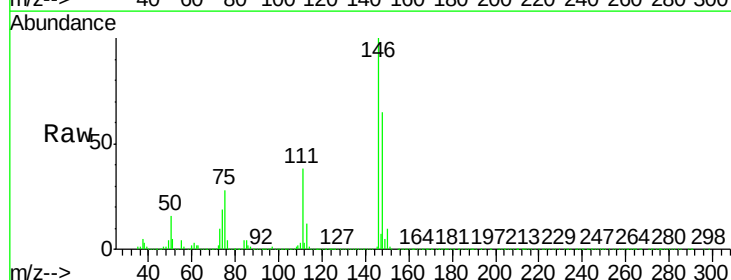
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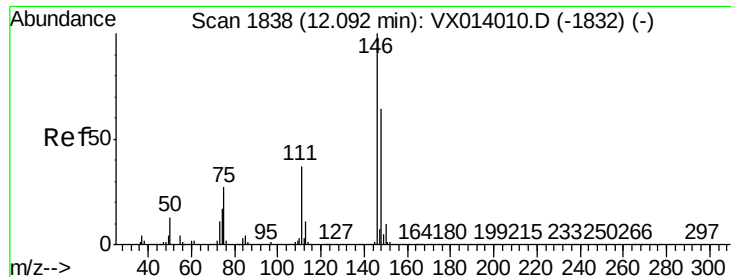
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#87
1,3-Dichlorobenzene
Concen: 47.228 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.8	32.3	96.9





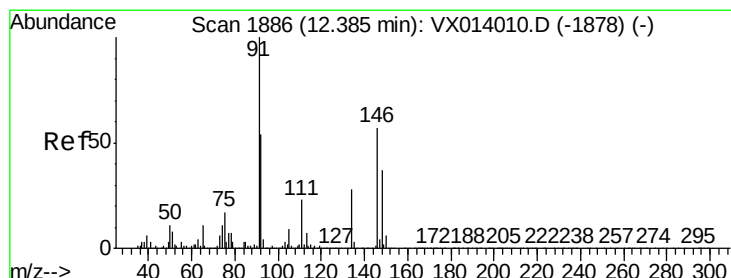
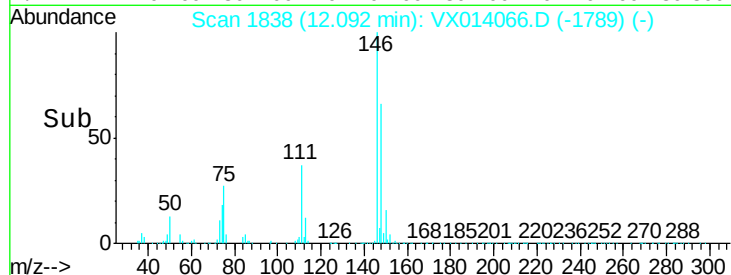
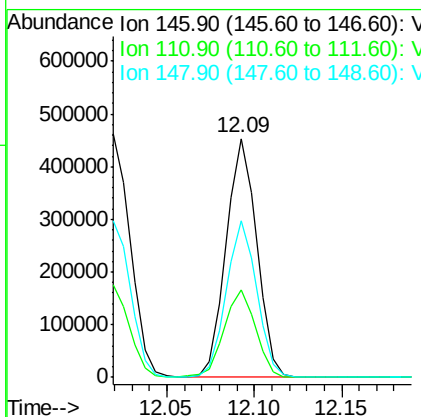
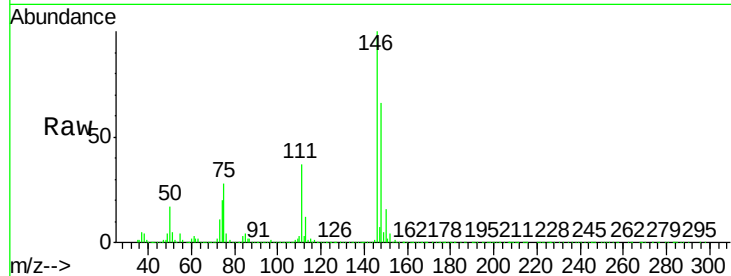
#88
 1,4-Dichlorobenzene
 Concen: 46.098 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	65.0	31.9	95.9

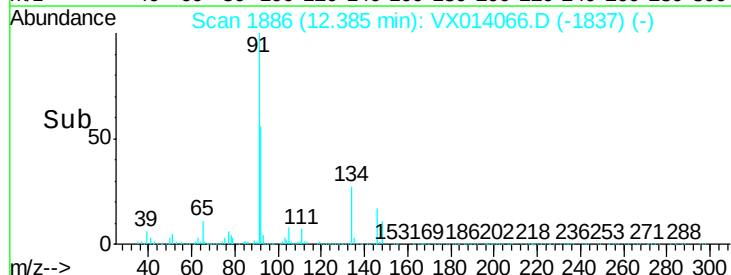
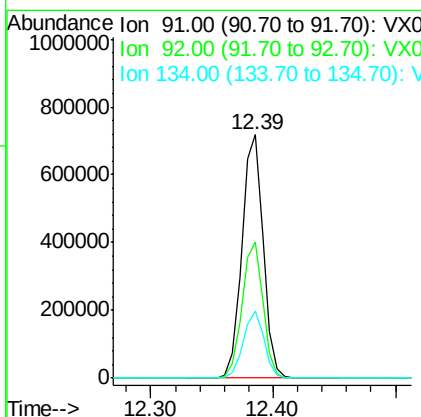
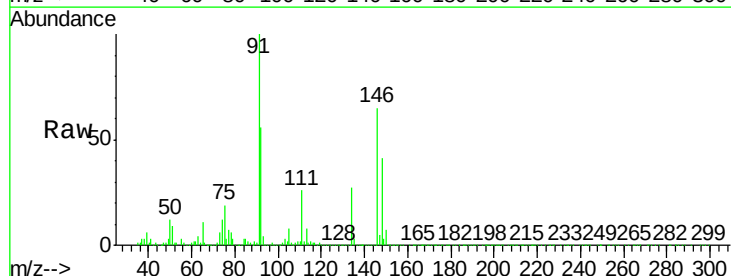
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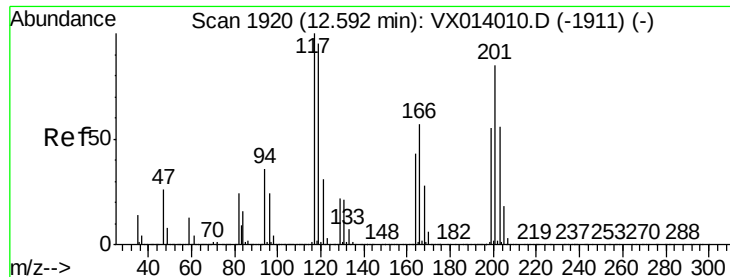
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#89
 n-Butylbenzene
 Concen: 46.230 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.6
134	27.0	13.4	40.1





#90

Hexachloroethane

Concen: 50.835 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion:117 Resp: 197545

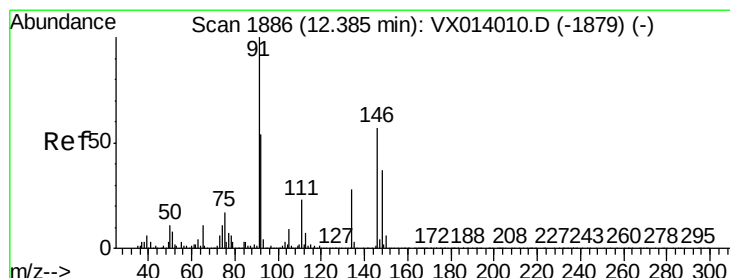
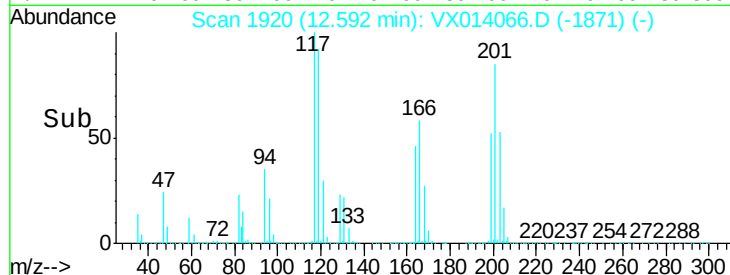
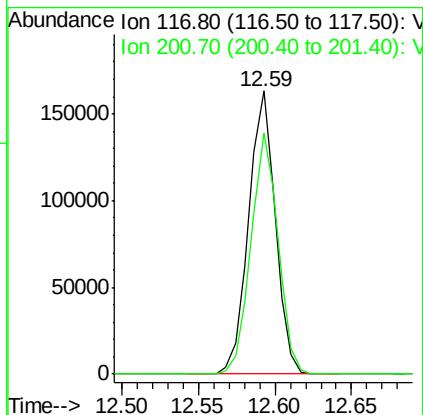
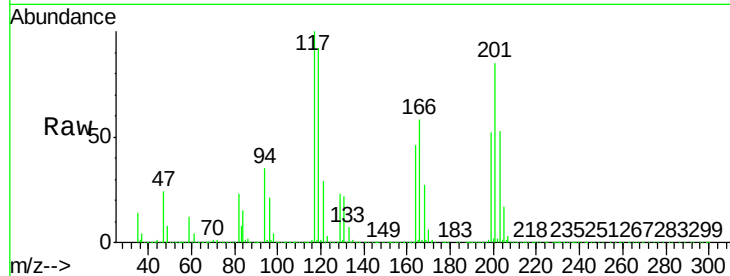
Ion Ratio Lower Upper

117 100

201 86.8 43.1 129.3

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#91

1,2-Dichlorobenzene

Concen: 48.102 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

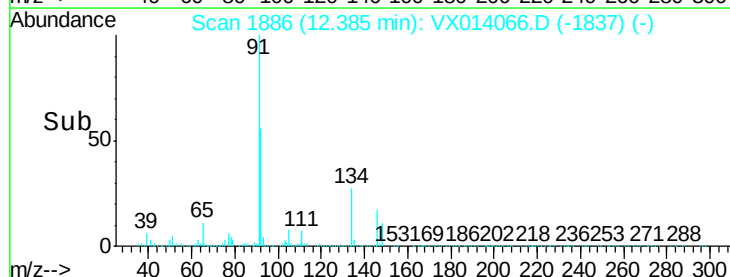
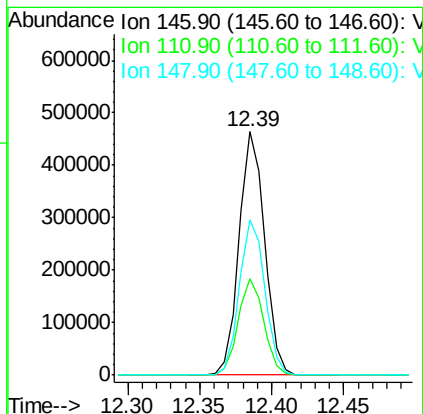
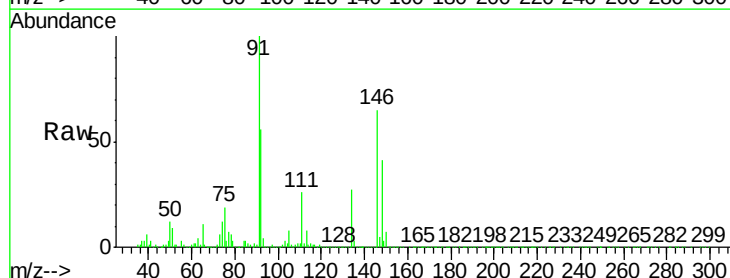
Tgt Ion:146 Resp: 571176

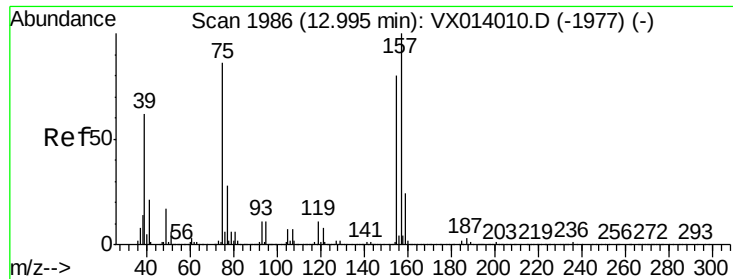
Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 64.2 32.1 96.5





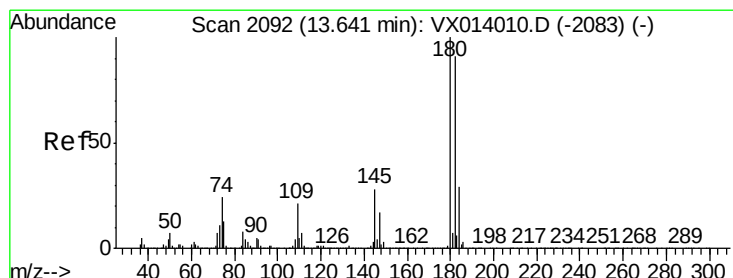
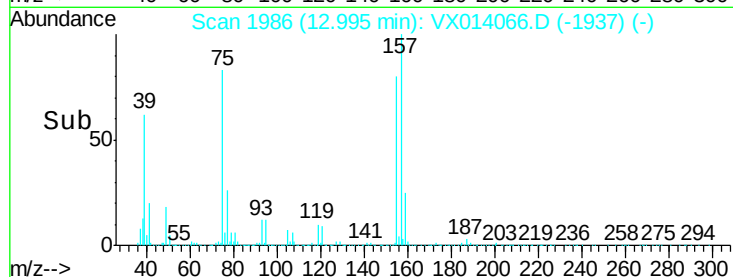
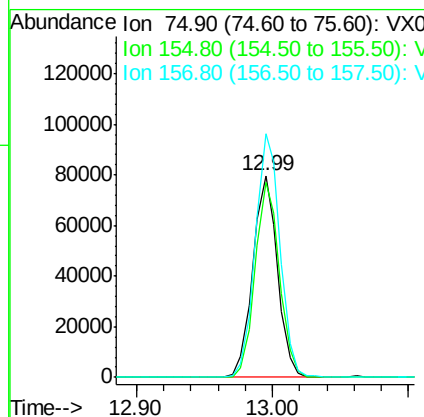
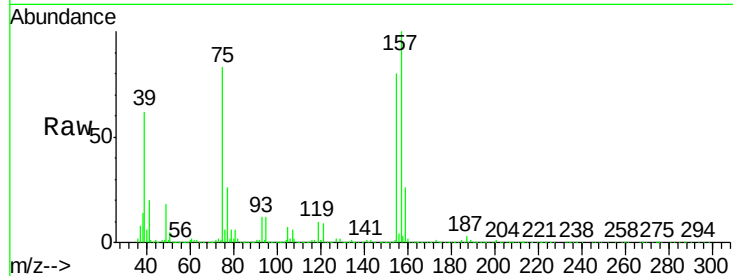
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.755 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	96.0	46.9	140.6
157	121.9	60.8	182.4

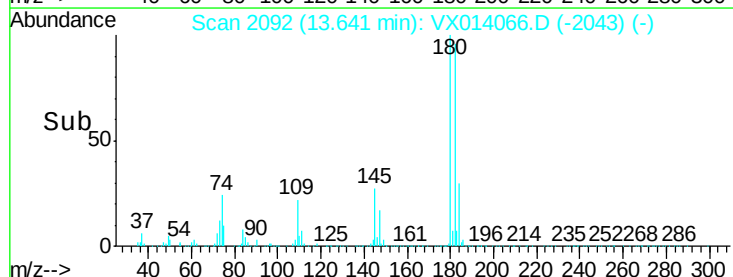
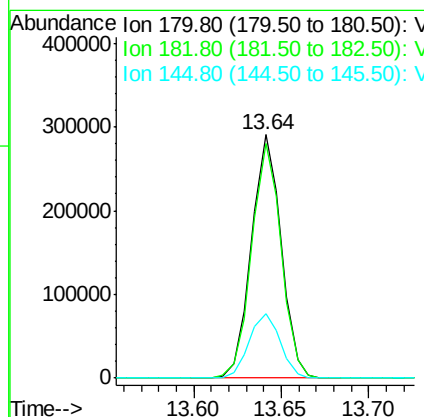
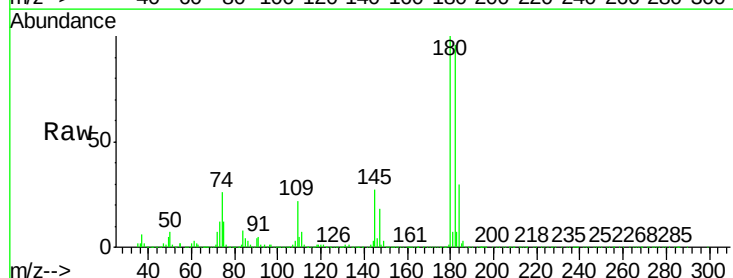
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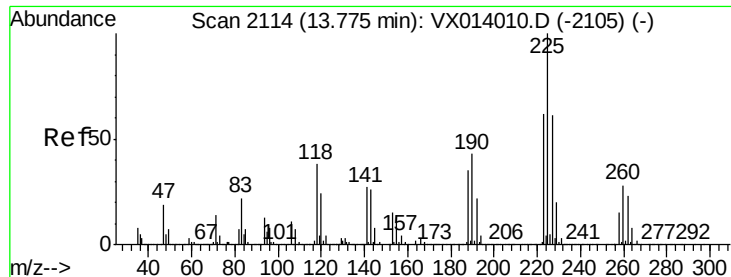
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#93
 1,2,4-Trichlorobenzene
 Concen: 44.467 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.8
145	28.0	14.2	42.6





#94

Hexachlorobutadiene

Concen: 41.600 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

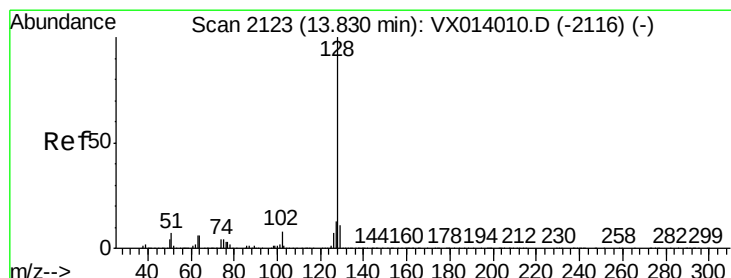
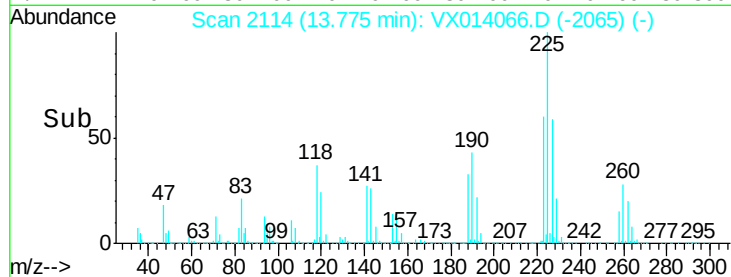
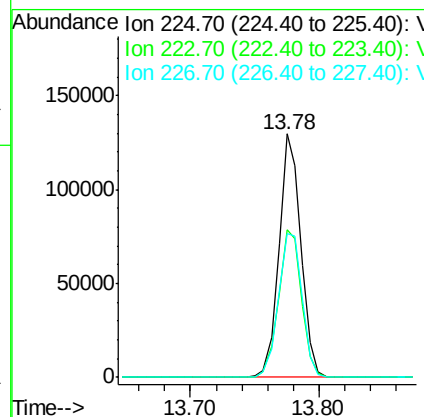
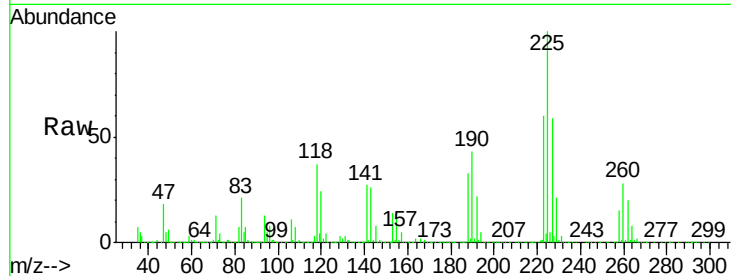
ClientSampleId :

MW202D-20191207MSD

Tot Ion:	225	Resp:	154300
Ion Ratio		Lower	Upper
225	100		
223	63.8	30.9	92.5
227	64.5	30.9	92.7

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#95

Naphthalene

Concen: 49.493 ug/l

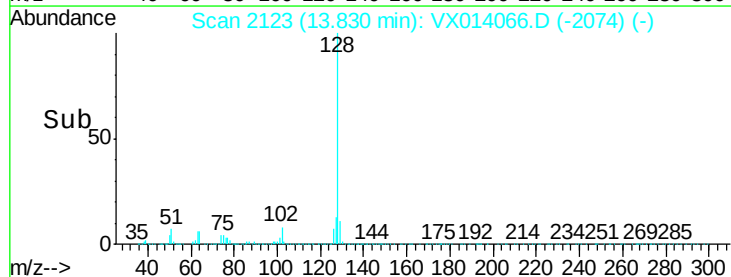
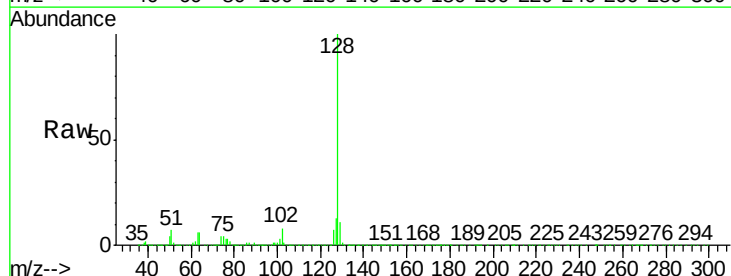
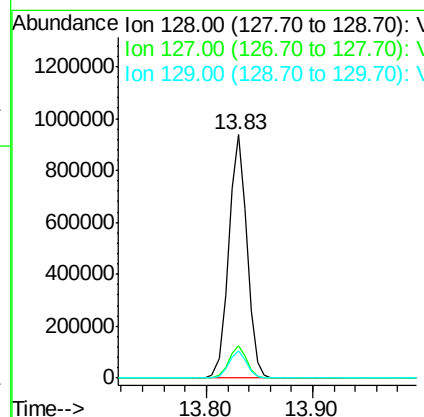
RT: 13.83 min Scan# 2123

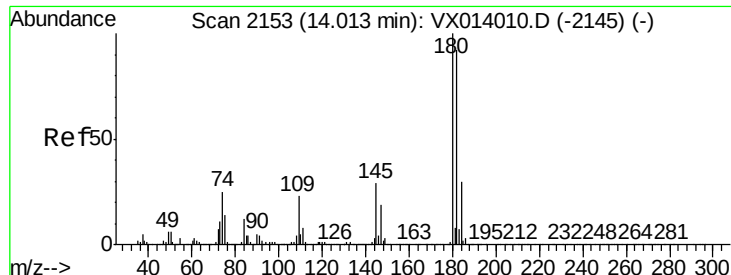
Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion:	128	Resp:	1122251
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1





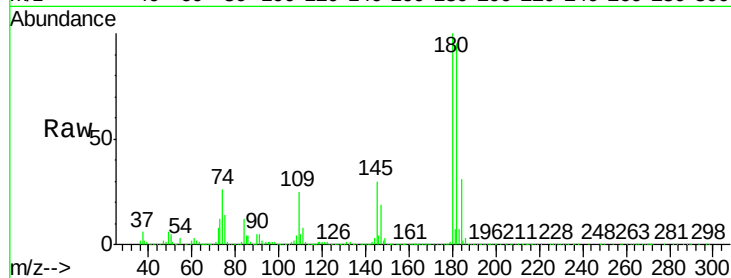
#96
 1,2,3-Trichlorobenzene
 Concen: 46.929 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion:	180	Resp:	357531
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.8	140.3
145	29.5	14.8	44.4

Manual Integrations
 APPROVED

apatel
 12/18/2019 11:04:35 AM



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

