

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121418\
 Data File : VX006558.D
 Acq On : 15 Dec 2018 11:27
 Operator : JC/MD
 Sample : J6398-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:56 PM

Quant Time: Dec 15 23:58:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	522135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	835062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	771163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	275312	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	5.50	113	267996	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	942272	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.13	95	365889	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	250781	49.053	ug/l	99
3) Chloromethane	1.33	50	253450	48.242	ug/l	96
4) Vinyl Chloride	1.41	62	280027	49.524	ug/l	98
5) Bromomethane	1.64	94	239770	61.187	ug/l	98
6) Chloroethane	1.71	64	183298	52.871	ug/l	100
7) Trichlorofluoromethane	1.92	101	447298	51.535	ug/l	97
8) Diethyl Ether	2.19	74	180850	55.055	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	255125	51.693	ug/l	100
10) Methyl Iodide	2.51	142	301786	40.575	ug/l	99
11) Tert butyl alcohol	3.08	59	368783	252.993	ug/l	99
12) 1,1-Dichloroethene	2.37	96	248867	52.675	ug/l	90
13) Acrolein	2.29	56	157447	197.621	ug/l	99
14) Allyl chloride	2.73	41	411933	44.137	ug/l	99
15) Acrylonitrile	3.15	53	797551	262.195	ug/l	100
16) Acetone	2.45	43	669383	267.602	ug/l	97
17) Carbon Disulfide	2.57	76	623862	42.852	ug/l	97
18) Methyl Acetate	2.78	43	397052	47.465	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	870186	51.629	ug/l	98
20) Methylene Chloride	2.85	84	282313	53.030	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	264710	52.575	ug/l	92
22) Diisopropyl ether	3.87	45	784649	53.825	ug/l	98
23) Vinyl Acetate	3.82	43	2729827	219.553	ug/l	99
24) 1,1-Dichloroethane	3.70	63	453541	54.432	ug/l	99
25) 2-Butanone	4.70	43	991076	277.678	ug/l	98
26) 2,2-Dichloropropane	4.59	77	222154	28.890	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	315293	56.141	ug/l	93
28) Bromochloromethane	5.02	49	197228	54.191	ug/l	98
29) Tetrahydrofuran	5.15	42	678855	273.670	ug/l	98
30) Chloroform	5.21	83	496748	56.731	ug/l	97
31) Cyclohexane	5.57	56	411586	53.451	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	432120	51.868	ug/l	99
36) 1,1-Dichloropropene	5.80	75	356432	50.687	ug/l	99
37) Ethyl Acetate	4.85	43	334944	42.532	ug/l	98
38) Carbon Tetrachloride	5.78	117	372123	44.982	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	447961	49.076	ug/l	97
40) Benzene	6.14	78	1103956	52.415	ug/l	100
41) Methacrylonitrile	5.06	41	209616	48.374	ug/l	97
42) 1,2-Dichloroethane	6.20	62	363454	52.727	ug/l	99
43) Isopropyl Acetate	6.46	43	565801	43.092	ug/l	99
44) Trichloroethene	7.21	130	323696	50.732	ug/l	100
45) 1,2-Dichloropropane	7.51	63	270655	50.562	ug/l	98
46) Dibromomethane	7.66	93	199285	51.549	ug/l	97
47) Bromodichloromethane	7.90	83	342853	45.796	ug/l	100
48) Methyl methacrylate	7.77	41	315175	49.342	ug/l	98
49) 1,4-Dioxane	7.76	88	171066	1086.612	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1969682	257.694	ug/l	99
52) Toluene	8.79	92	723057	52.182	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	361647	41.305	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	395811	43.536	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	301907	53.632	ug/l	99
56) Ethyl methacrylate	9.18	69	451311	51.283	ug/l	96
57) 1,3-Dichloropropane	9.37	76	476601	53.541	ug/l	100
59) 2-Hexanone	9.49	43	1474865	252.560	ug/l	99
60) Dibromochloromethane	9.58	129	310577	44.743	ug/l	100
61) 1,2-Dibromoethane	9.67	107	332658	52.850	ug/l	99
64) Tetrachloroethene	9.34	164	295371	50.860	ug/l	99
65) Chlorobenzene	10.14	112	857129	52.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	304489	47.873	ug/l	99
67) Ethyl Benzene	10.25	91	1380765	50.714	ug/l	100
68) m/p-Xylenes	10.36	106	1116194	102.345	ug/l	99
69) o-Xylene	10.70	106	549191	50.980	ug/l	98
70) Styrene	10.71	104	894295	51.327	ug/l	99
71) Bromoform	10.86	173	235184	39.171	ug/l #	98
73) Isopropylbenzene	11.02	105	1453371	52.780	ug/l	100
74) N-amyl acetate	10.90	43	477735	40.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	450264	51.111	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	407135m	52.900	ug/l	
77) Bromobenzene	11.26	156	401586	52.551	ug/l	99
78) n-propylbenzene	11.36	91	1581088	51.654	ug/l	100
79) 2-Chlorotoluene	11.42	91	945771	51.986	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1196604	52.228	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	106408	32.446	ug/l	86
82) 4-Chlorotoluene	11.51	91	1088811	51.475	ug/l	100
83) tert-Butylbenzene	11.77	119	1252756	51.248	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1228516	51.929	ug/l	100
85) sec-Butylbenzene	11.94	105	1441609	51.838	ug/l	100
86) p-Isopropyltoluene	12.06	119	1291988	51.593	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	697964	51.330	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706573	51.196	ug/l	99
89) n-Butylbenzene	12.39	91	1037147	48.540	ug/l	100
90) Hexachloroethane	12.60	117	211266	41.394	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	695614	51.546	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97656	43.244	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	476870	48.435	ug/l	100

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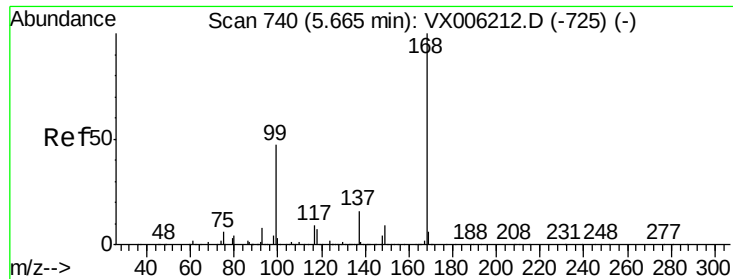
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	205191	47.126	ug/l	99
95) Naphthalene	13.83	128	1601664	52.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	488416	50.085	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 168 Resp: 522135

Ion Ratio Lower Upper

168 100

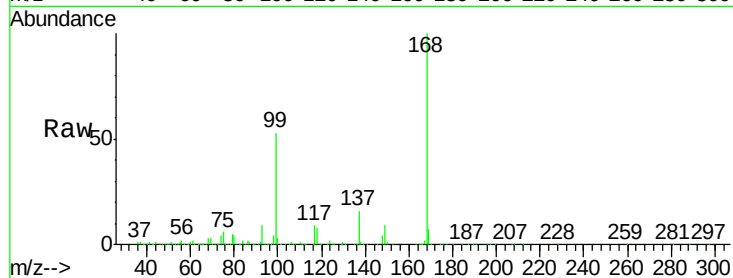
99 52.3 37.8 56.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

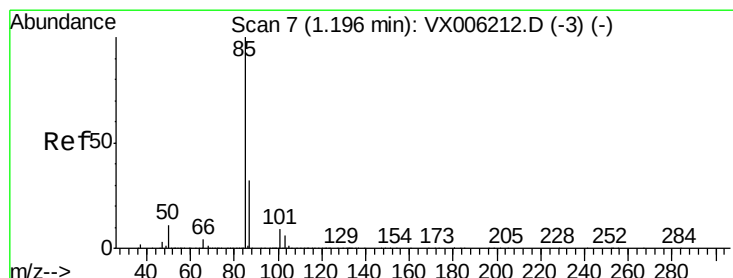
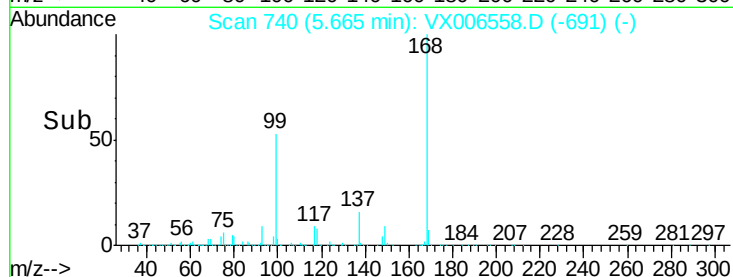
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.053 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006558.D

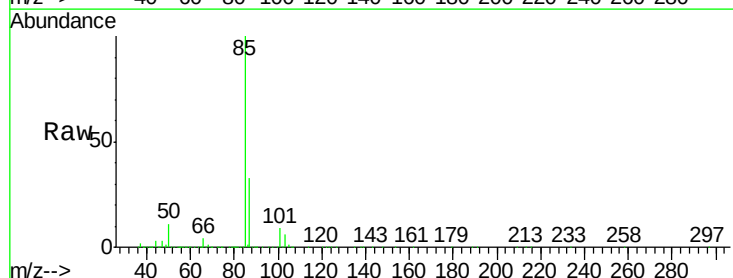
Acq: 15 Dec 2018 11:27

Tgt Ion: 85 Resp: 250781

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

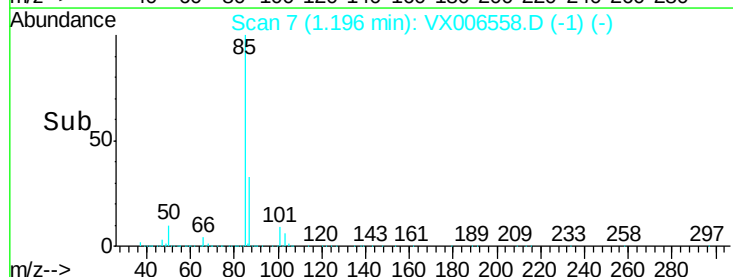
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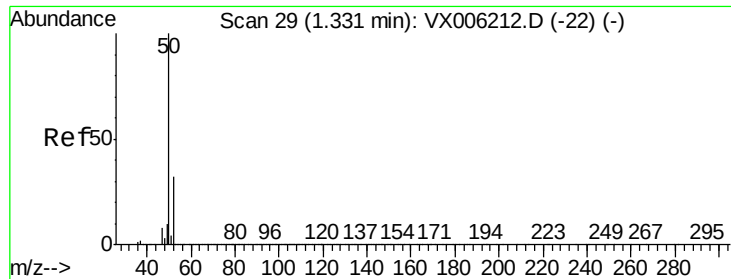
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.242 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 50 Resp: 253450

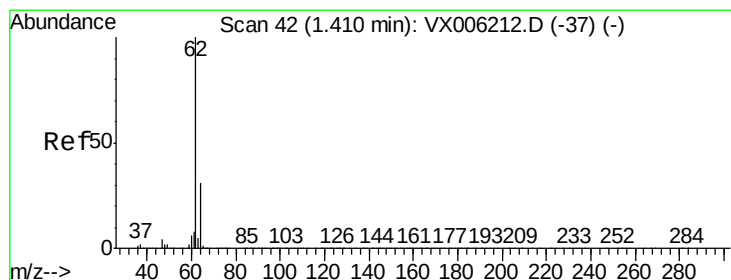
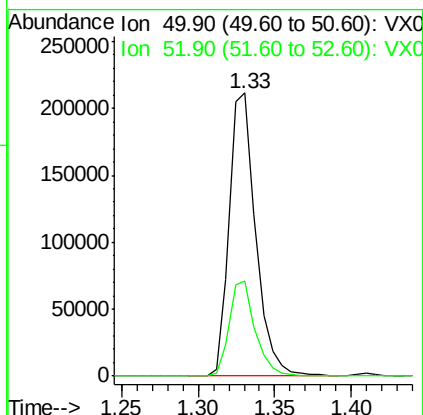
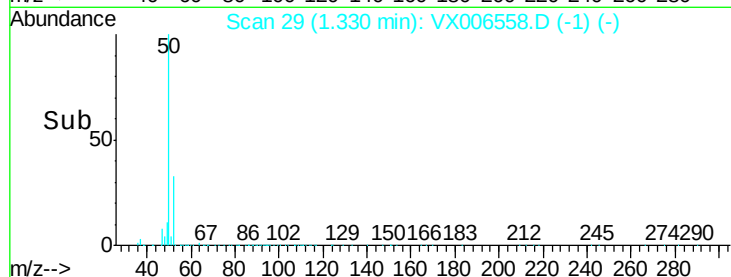
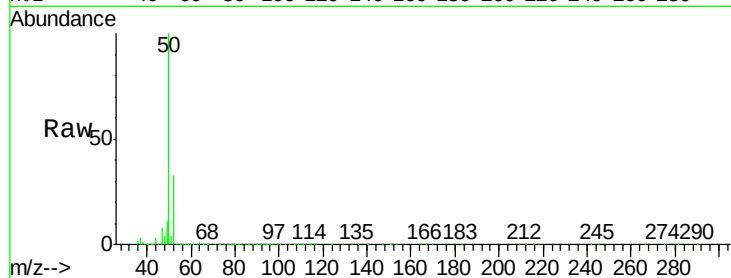
Ion Ratio Lower Upper

50 100

52 33.5 25.2 37.8

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#4

Vinyl Chloride

Concen: 49.524 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006558.D

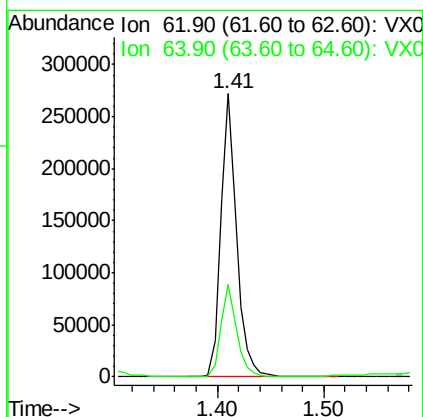
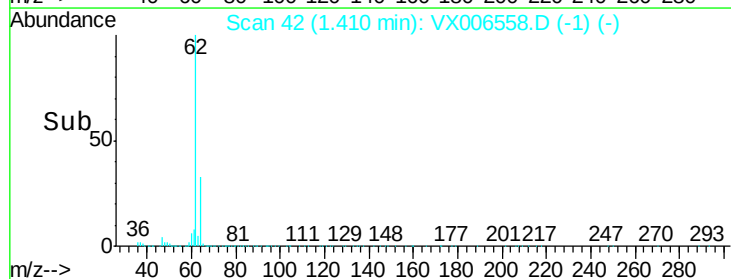
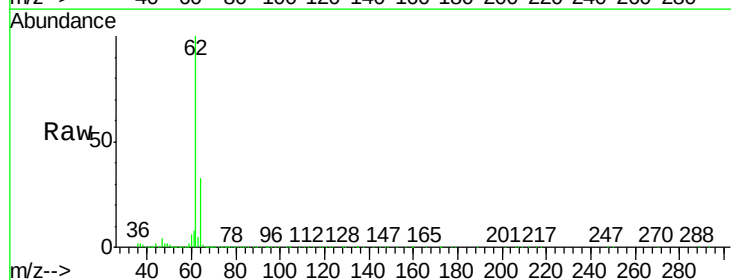
Acq: 15 Dec 2018 11:27

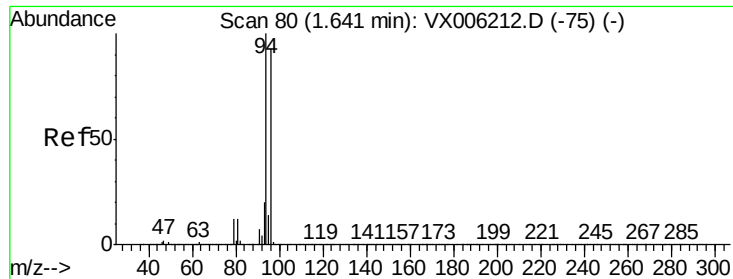
Tgt Ion: 62 Resp: 280027

Ion Ratio Lower Upper

62 100

64 32.4 24.9 37.3





#5

Bromomethane

Concen: 61.187 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 94 Resp: 239770

Ion Ratio Lower Upper

94 100

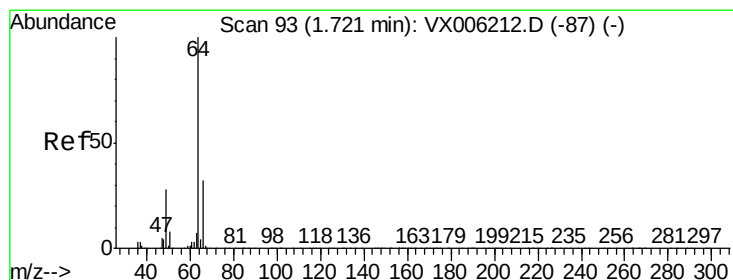
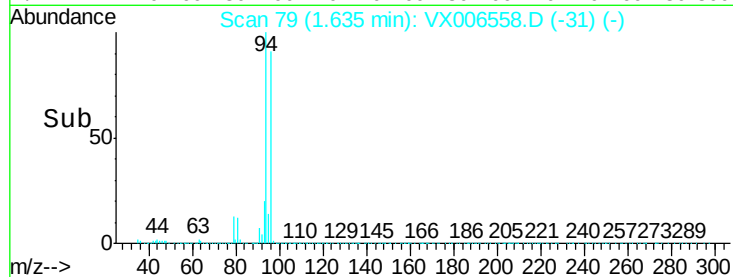
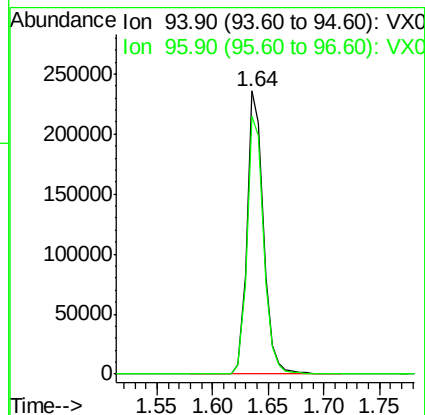
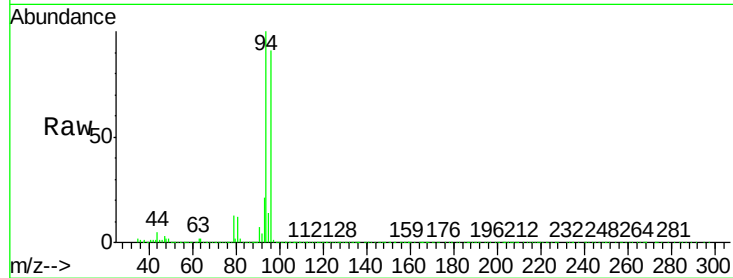
96 91.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 52.871 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006558.D

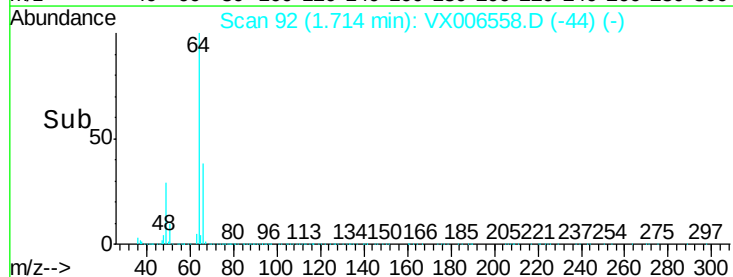
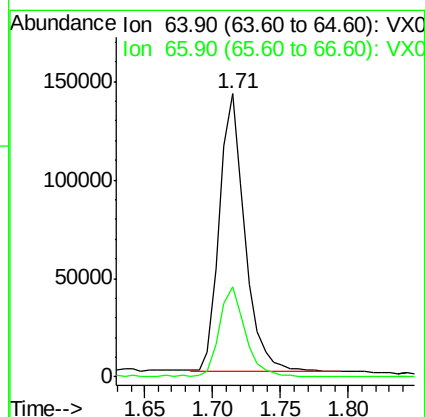
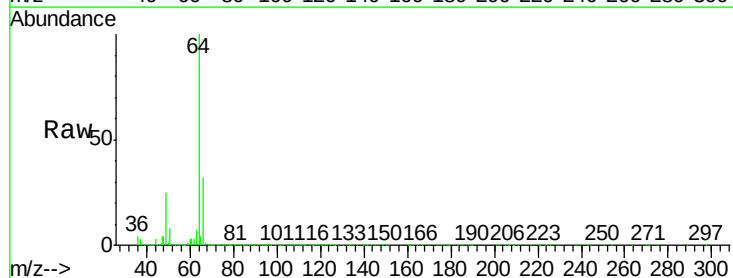
Acq: 15 Dec 2018 11:27

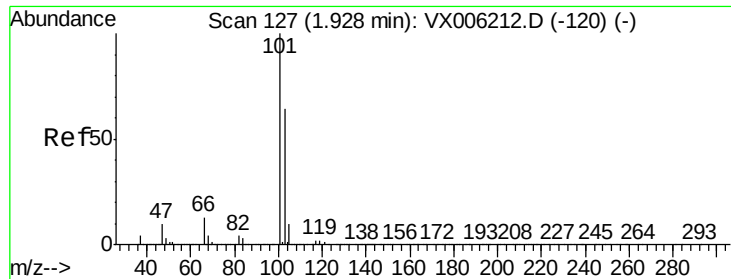
Tgt Ion: 64 Resp: 183298

Ion Ratio Lower Upper

64 100

66 32.3 25.9 38.9





#7

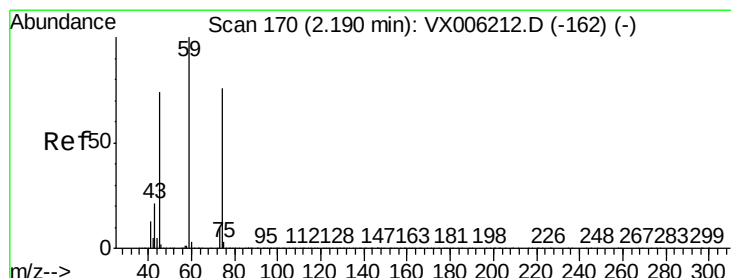
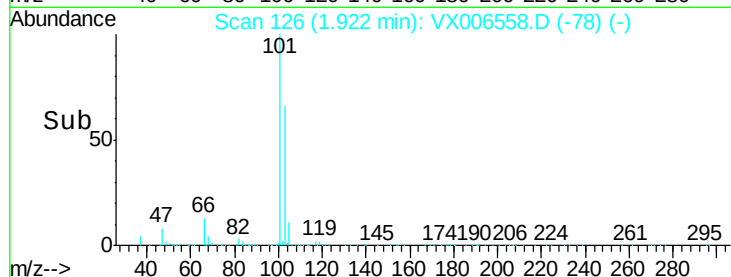
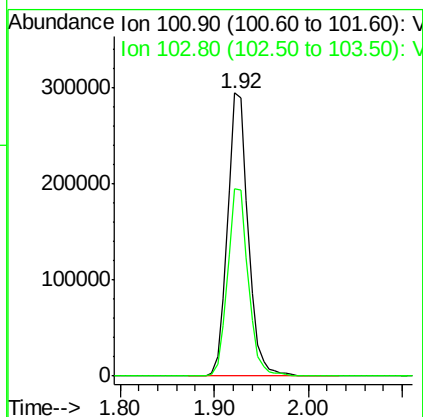
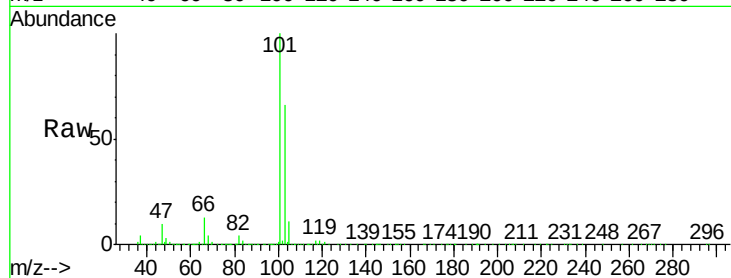
Trichlorofluoromethane
Concen: 51.535 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

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ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.0	76.4

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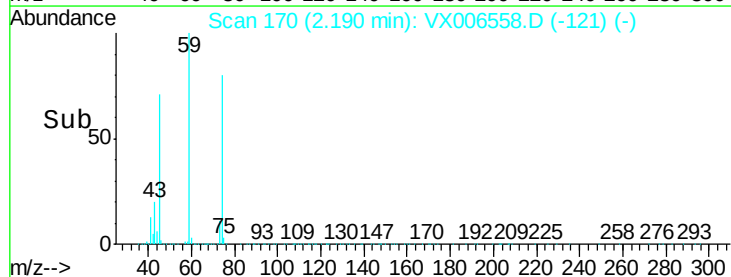
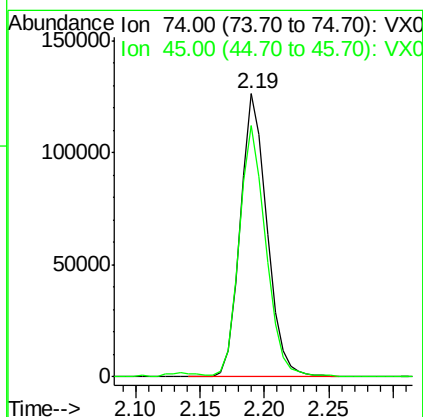
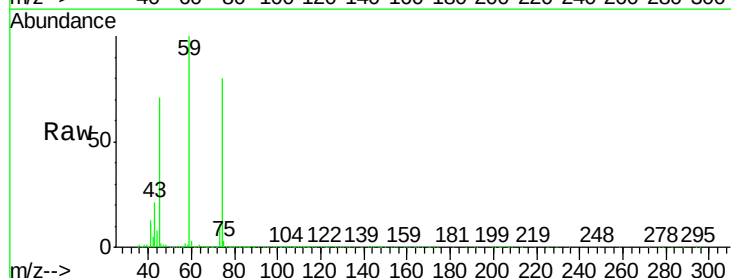
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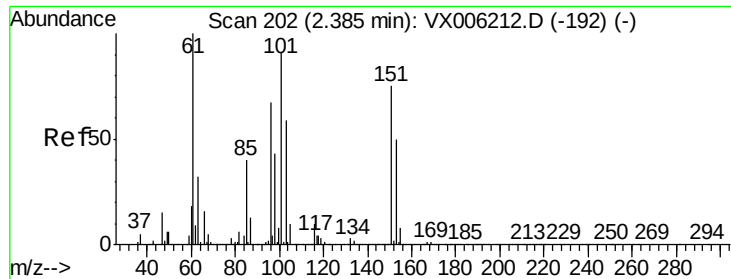


#8

Diethyl Ether
Concen: 55.055 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.693 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

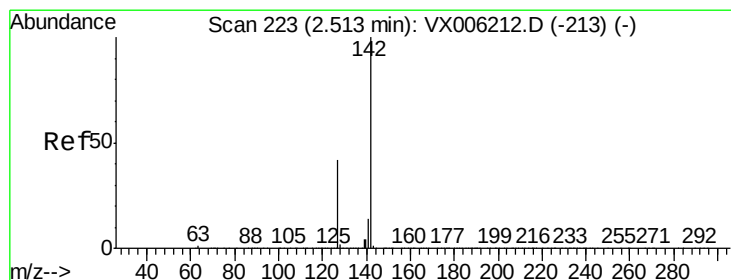
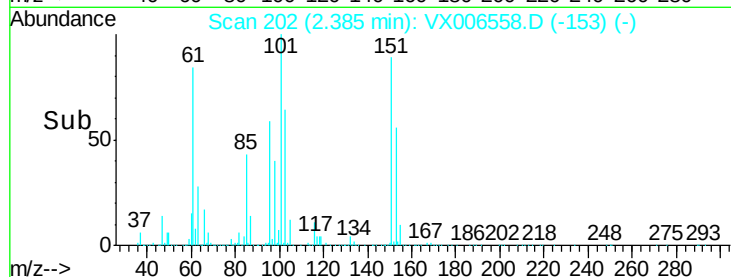
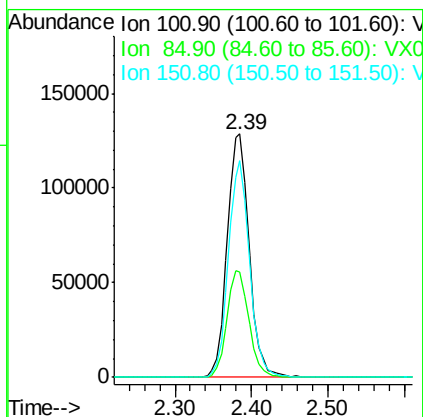
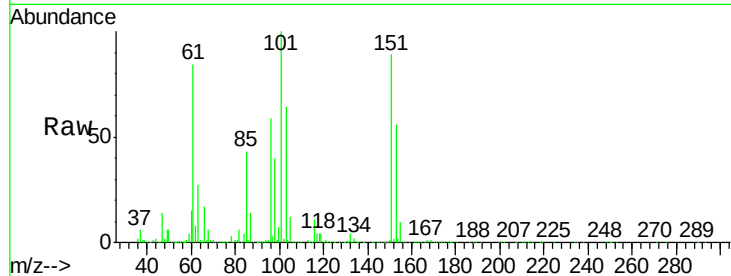
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:	101	Resp:	255125
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.5	53.3
151	85.7	68.6	103.0

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#10

Methyl Iodide

Concen: 40.575 ug/l

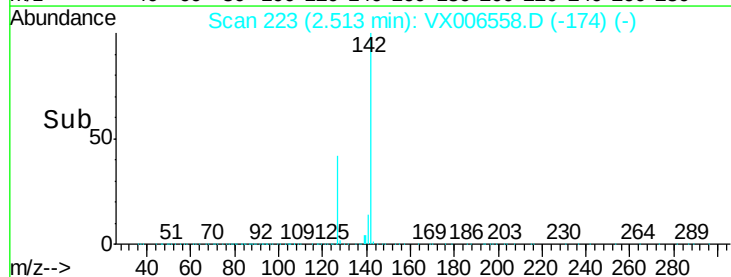
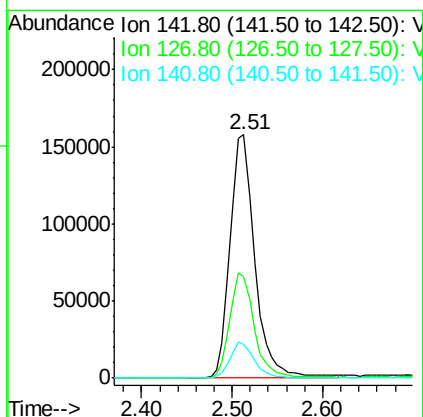
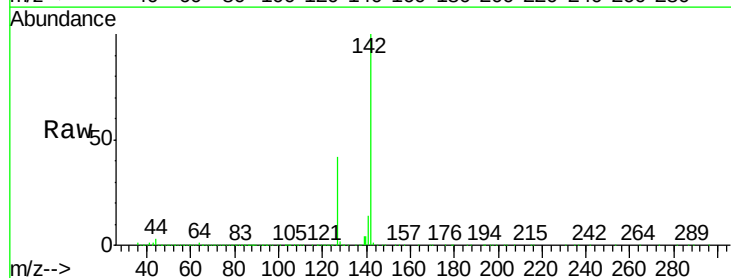
RT: 2.51 min Scan# 223

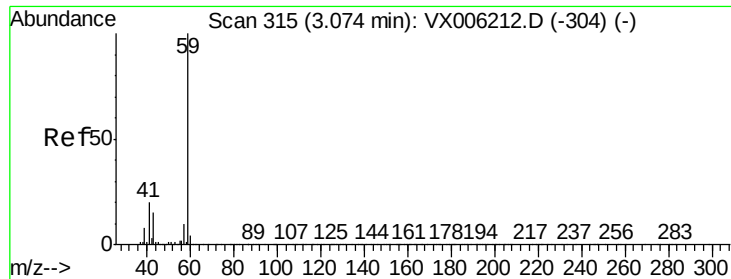
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion:	142	Resp:	301786
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.8	52.2
141	14.4	11.4	17.2





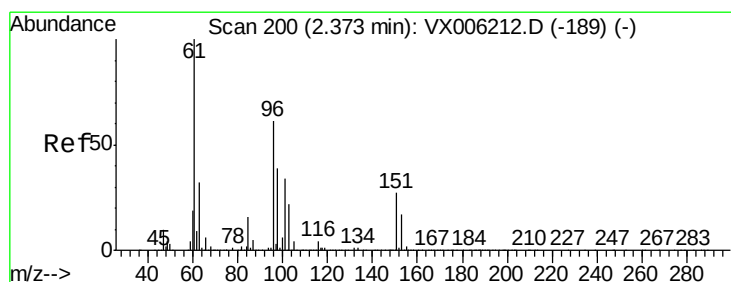
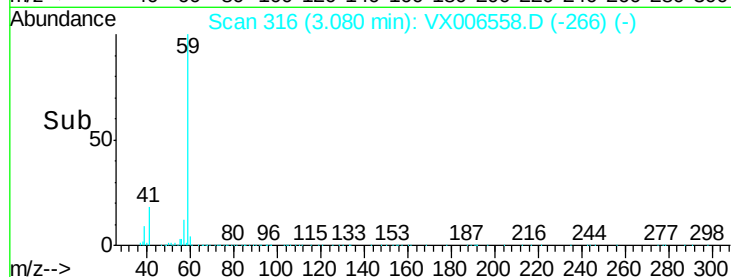
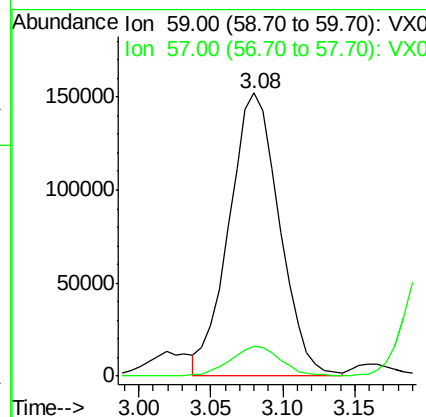
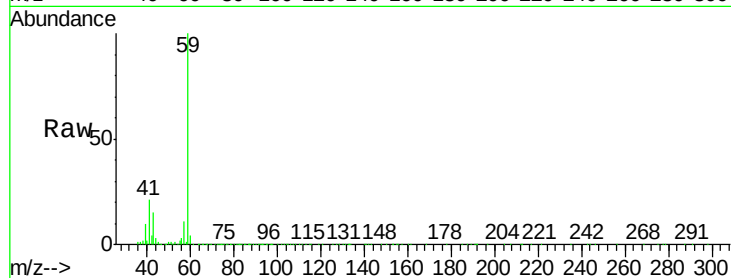
#11
Tert butyl alcohol
Concen: 252.993 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion: 59 Resp: 368783
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

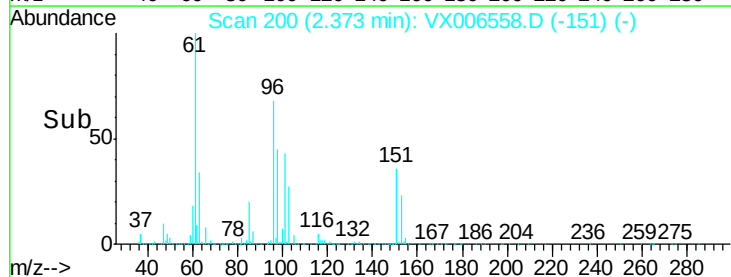
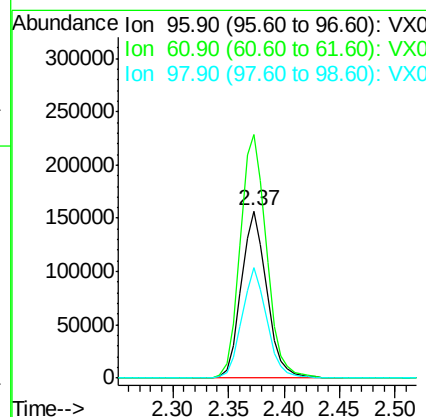
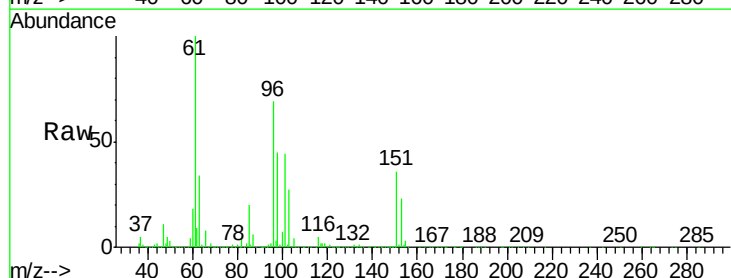
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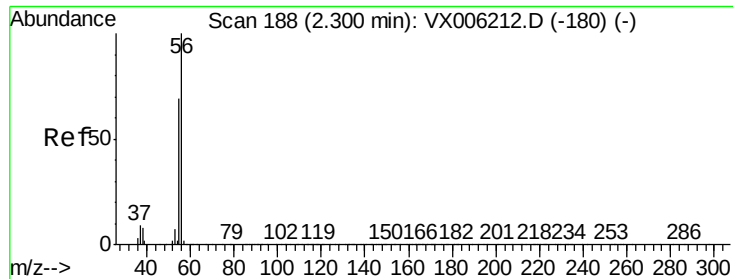
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.675 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 96 Resp: 248867
Ion Ratio Lower Upper
96 100
61 145.7 131.7 197.5
98 65.8 51.8 77.6





#13

Acrolein

Concen: 197.621 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

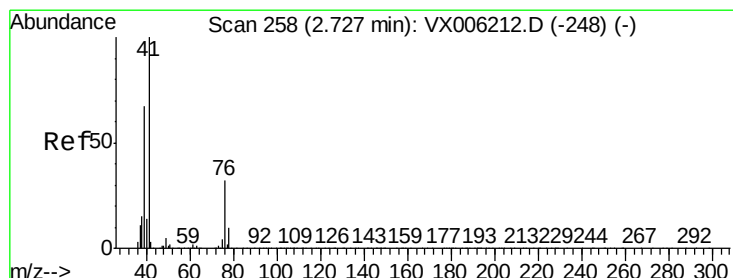
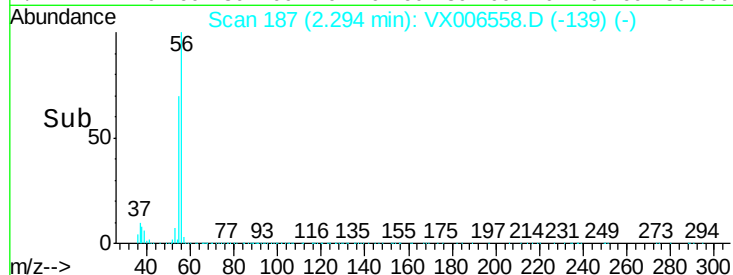
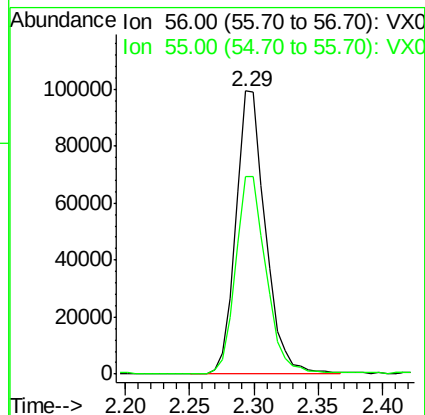
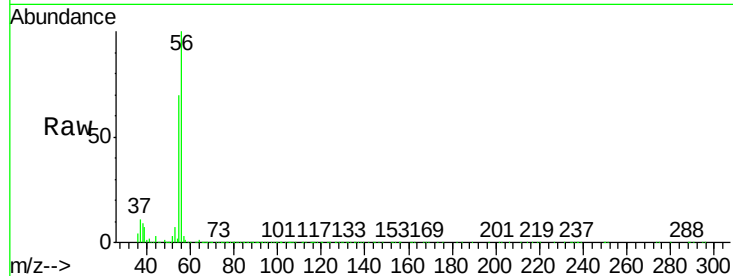
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:	56	Resp:	157447
Ion Ratio	Lower	Upper	
56	100		
55	72.6	57.8	86.6

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#14

Allyl chloride

Concen: 44.137 ug/l

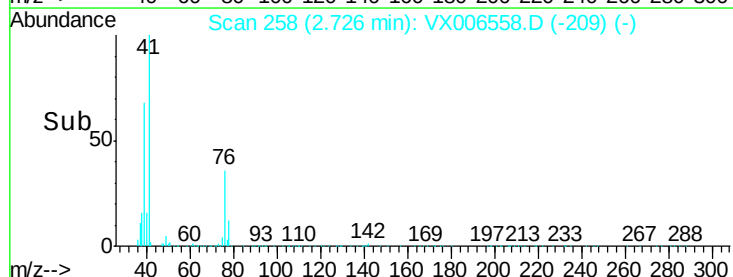
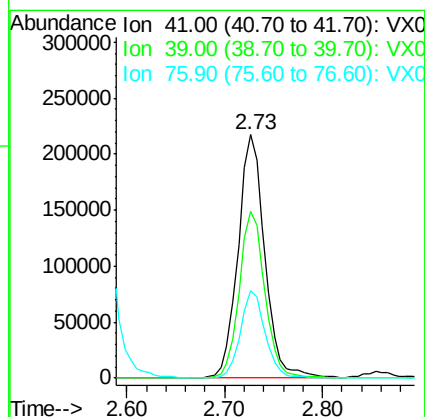
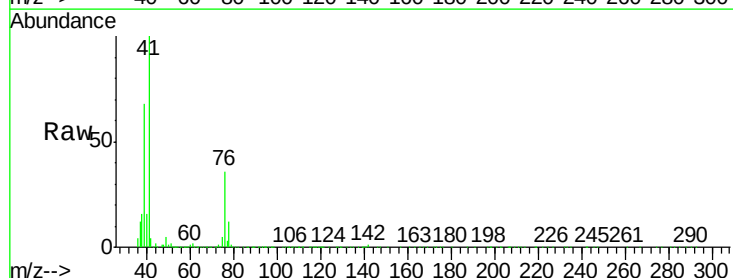
RT: 2.73 min Scan# 258

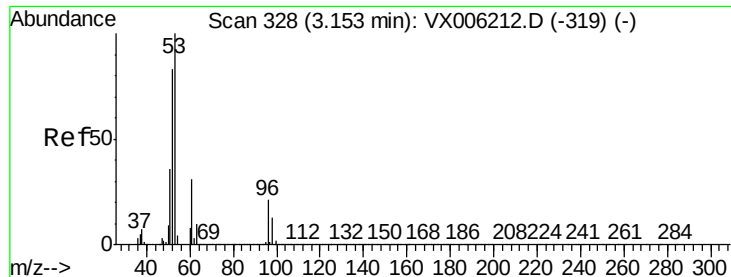
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion:	41	Resp:	411933
Ion Ratio	Lower	Upper	
41	100		
39	65.2	52.4	78.6
76	33.0	25.4	38.0





#15

Acrylonitrile

Concen: 262.195 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

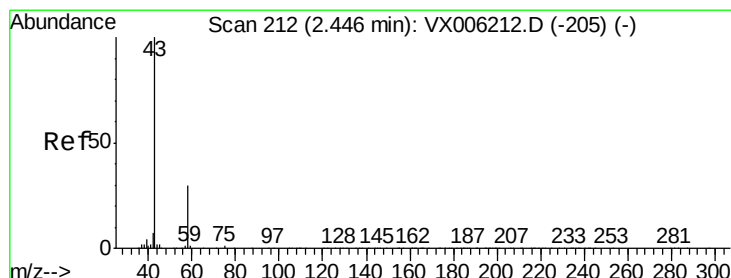
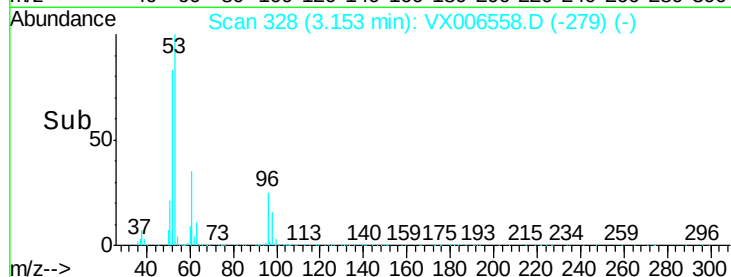
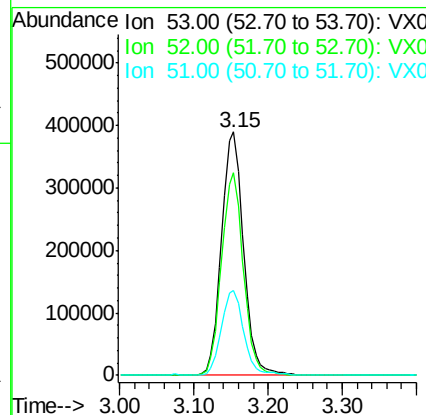
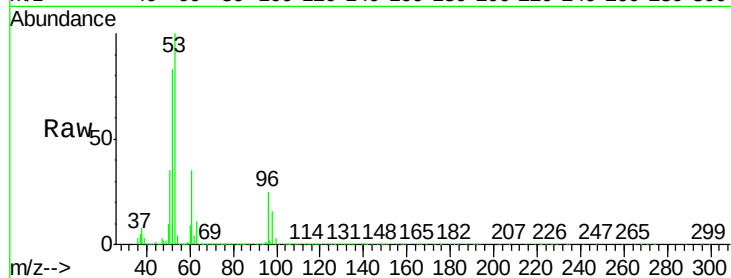
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:	53	Resp:	797551
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.5	28.7	43.1

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#16

Acetone

Concen: 267.602 ug/l

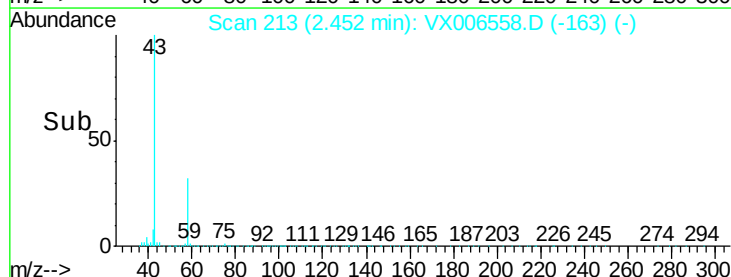
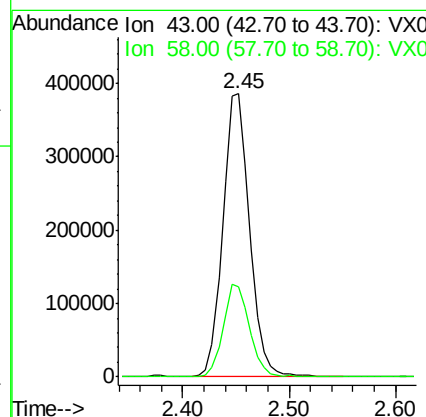
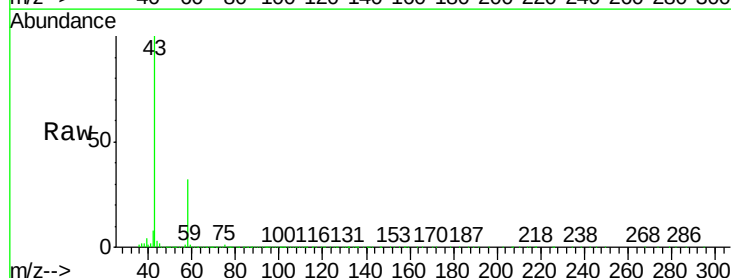
RT: 2.45 min Scan# 213

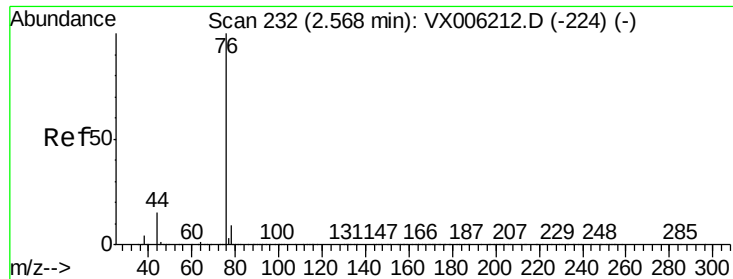
Delta R.T. 0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion:	43	Resp:	669383
Ion Ratio		Lower	Upper
43	100		
58	31.8	24.0	36.0





#17

Carbon Disulfide

Concen: 42.852 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

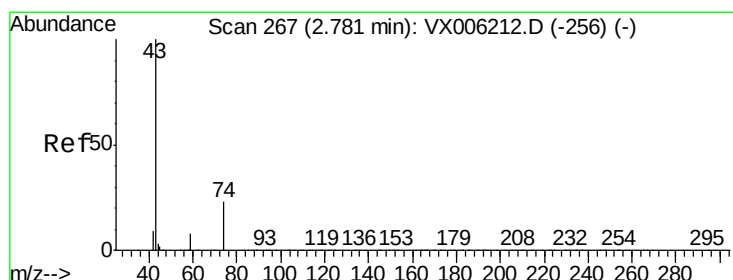
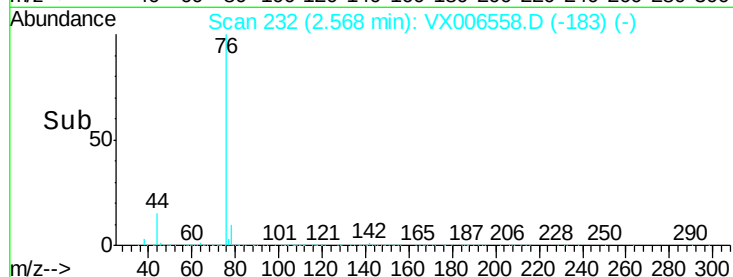
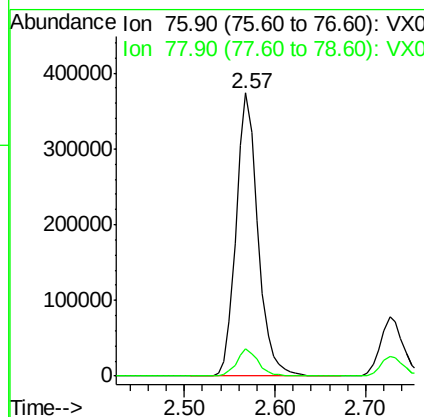
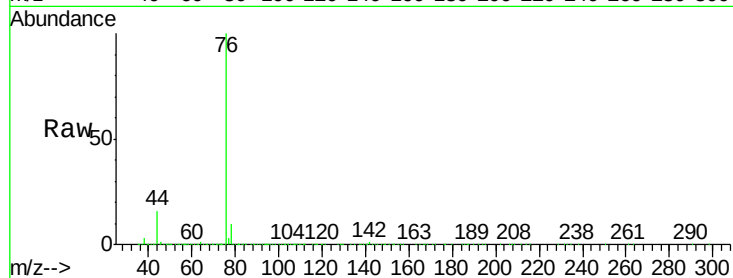
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.1	10.7

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#18

Methyl Acetate

Concen: 47.465 ug/l

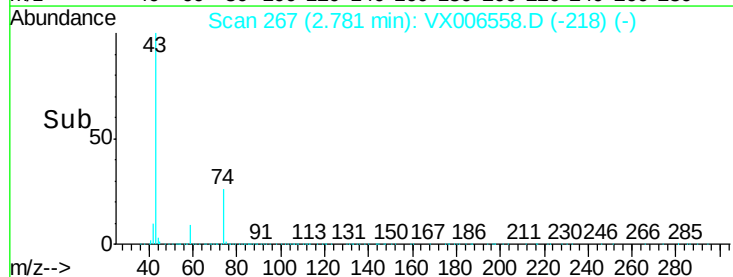
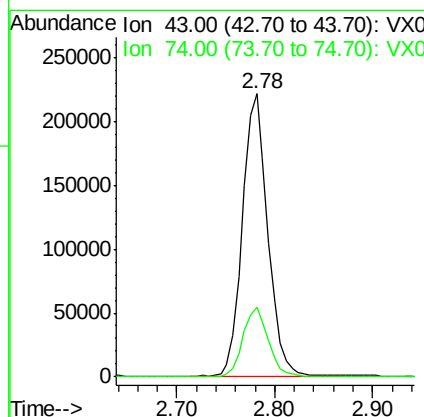
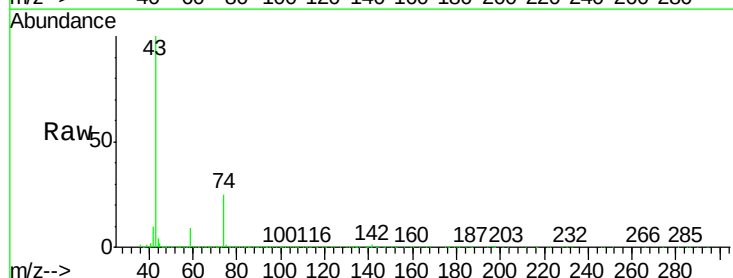
RT: 2.78 min Scan# 267

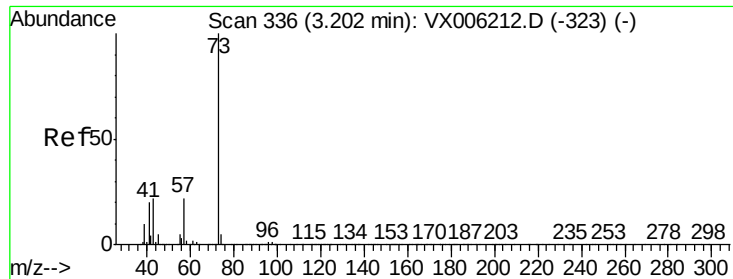
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.9	26.9





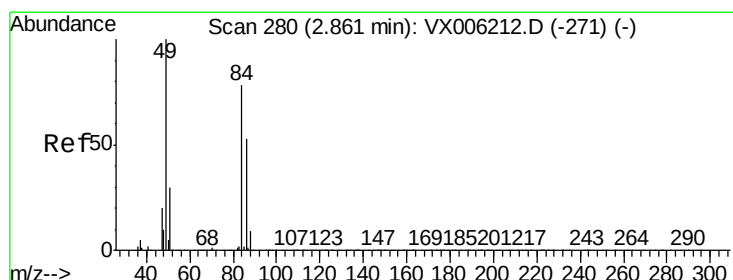
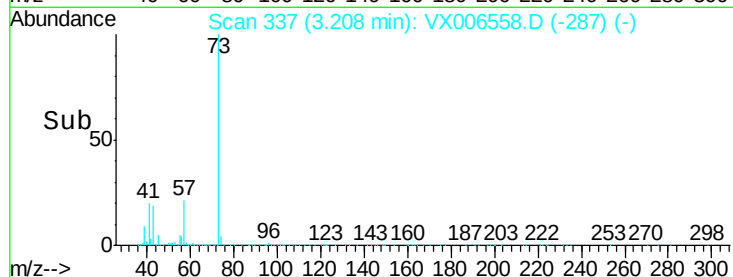
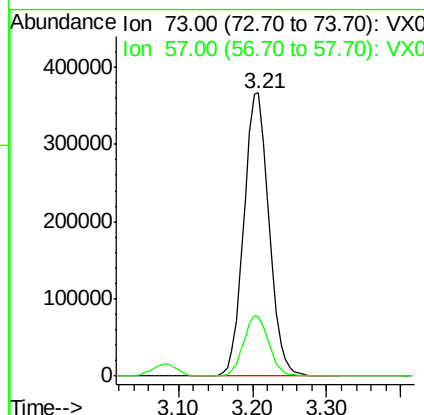
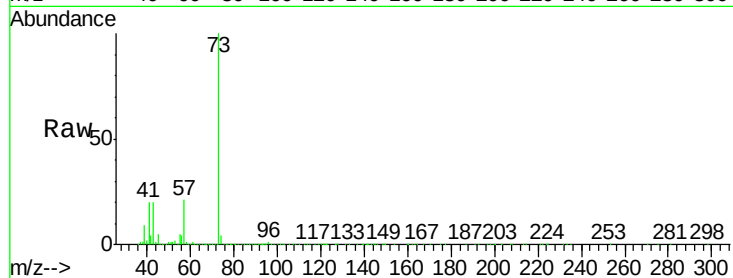
#19
Methyl tert-butyl Ether
Concen: 51.629 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.5	26.3

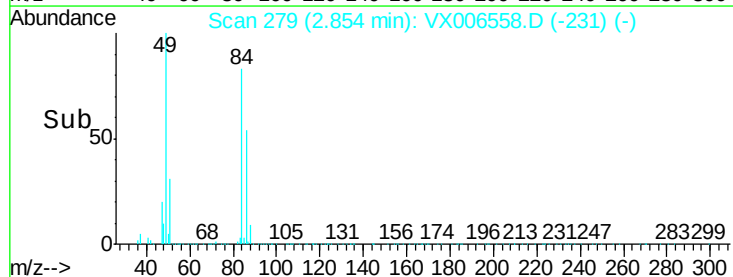
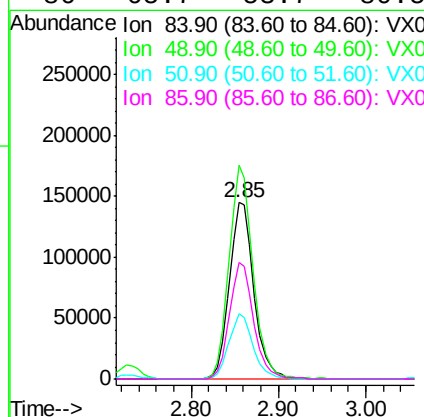
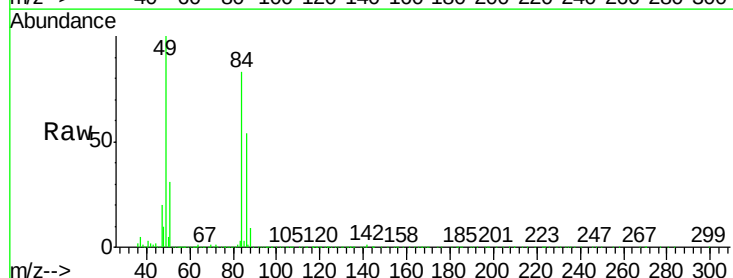
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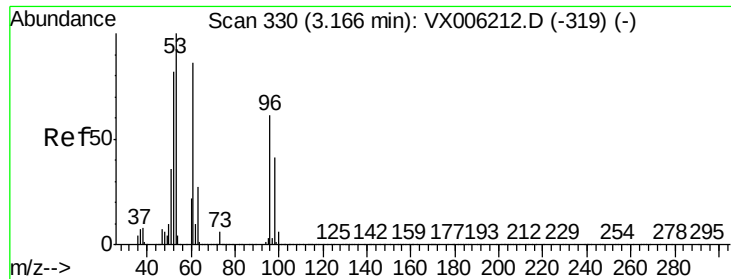
MMDadoda
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#20
Methylene Chloride
Concen: 53.030 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	102.2	153.4
51	37.0	31.1	46.7
86	65.7	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 52.575 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

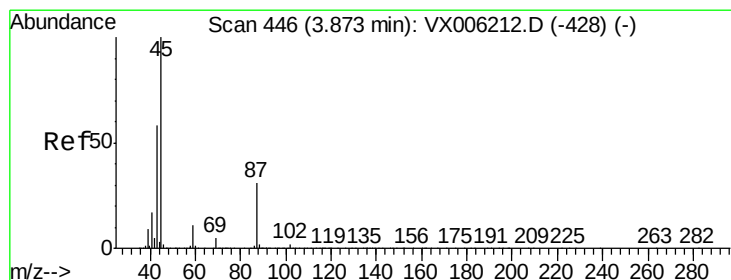
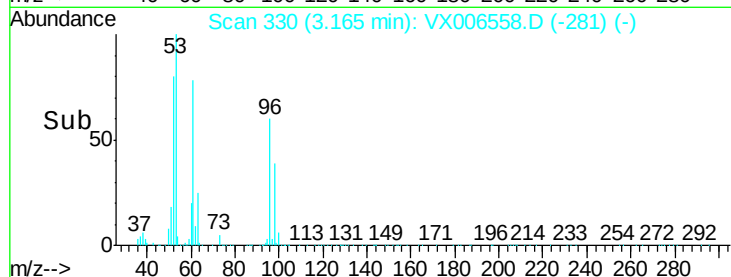
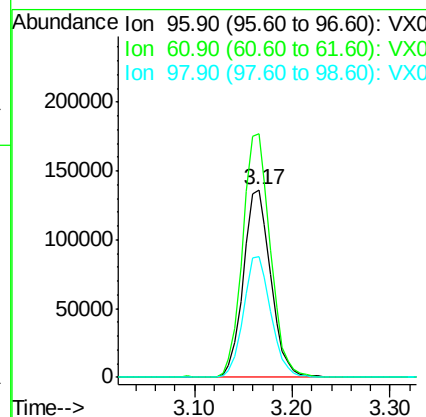
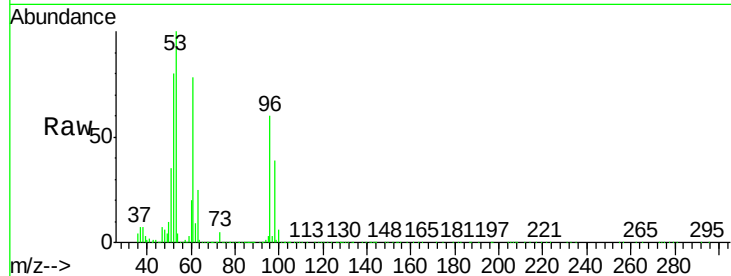
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:	96	Resp:	264710
Ion	Ratio	Lower	Upper
96	100		
61	129.3	113.3	169.9
98	64.3	53.2	79.8

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#22

Diisopropyl ether

Concen: 53.825 ug/l

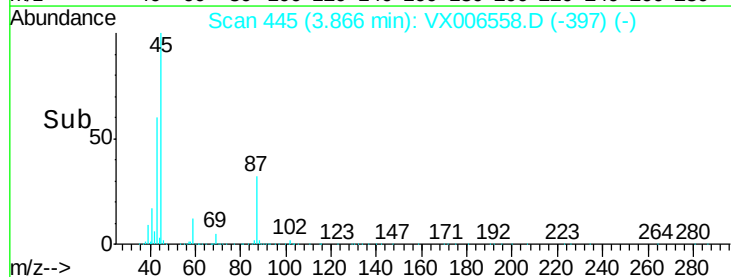
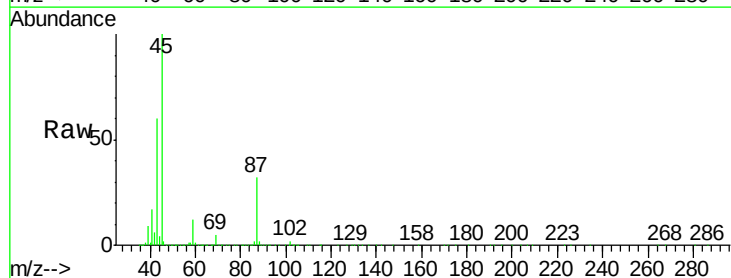
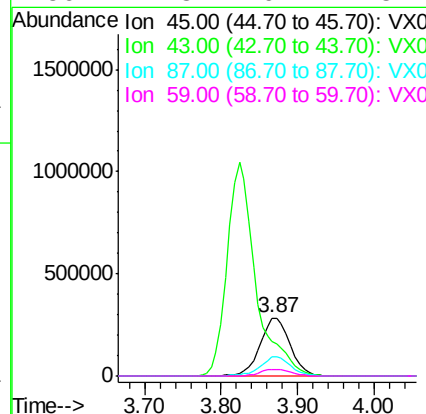
RT: 3.87 min Scan# 446

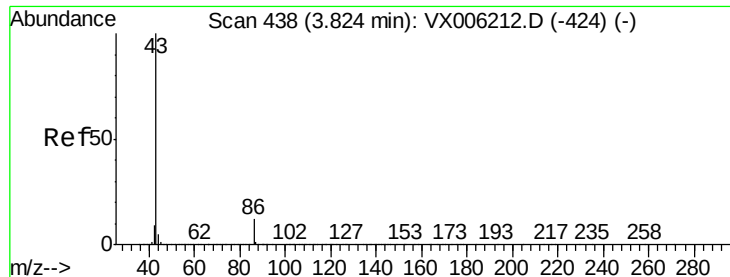
Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion:	45	Resp:	784649
Ion	Ratio	Lower	Upper
45	100		
43	60.1	46.2	69.2
87	32.0	24.9	37.3
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 219.553 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 43 Resp: 2729827

Ion Ratio Lower Upper

43 100

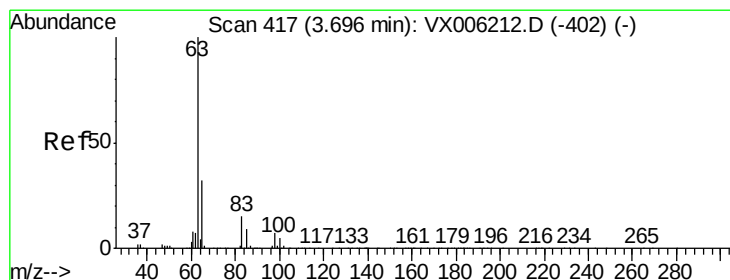
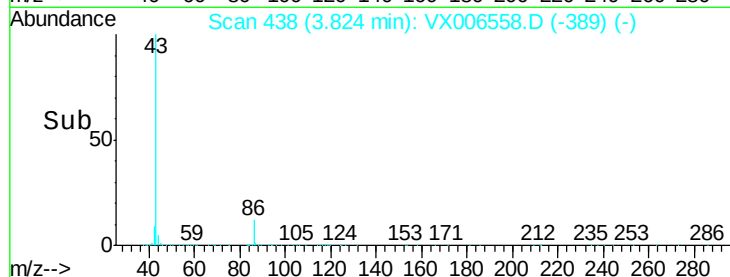
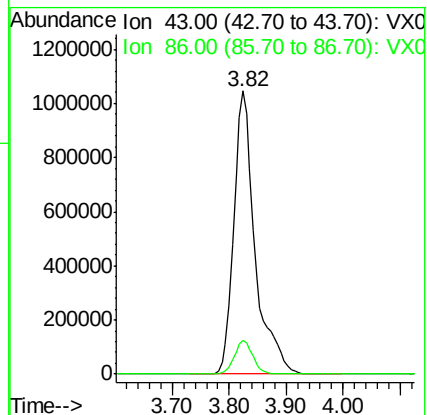
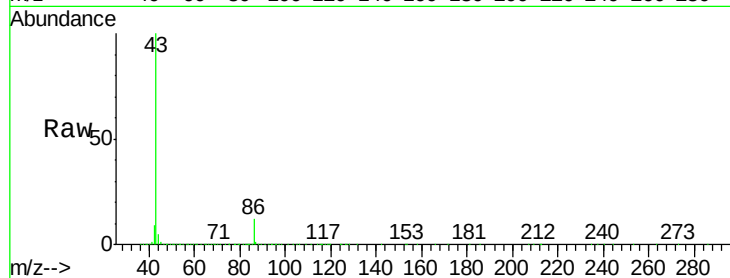
86 12.0 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 54.432 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

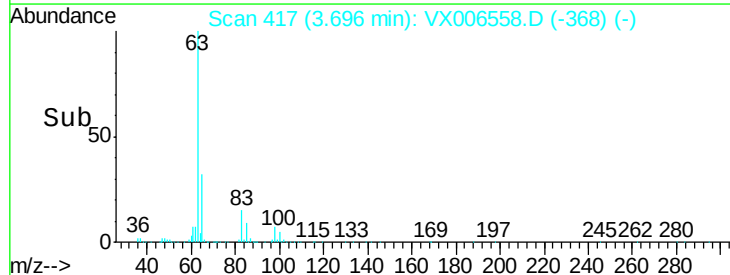
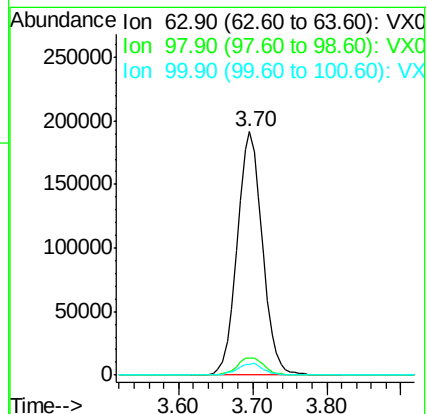
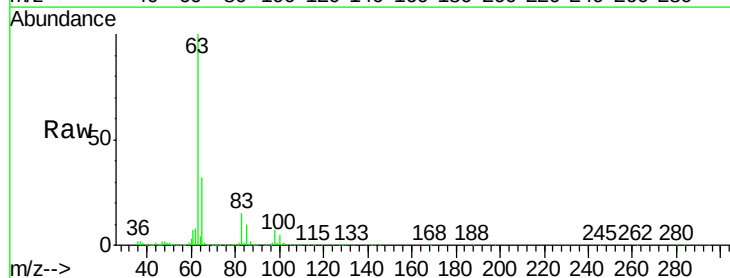
Tgt Ion: 63 Resp: 453541

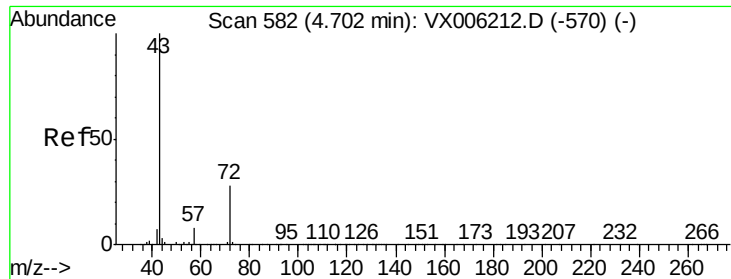
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 277.678 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 43 Resp: 991076

Ion Ratio Lower Upper

43 100

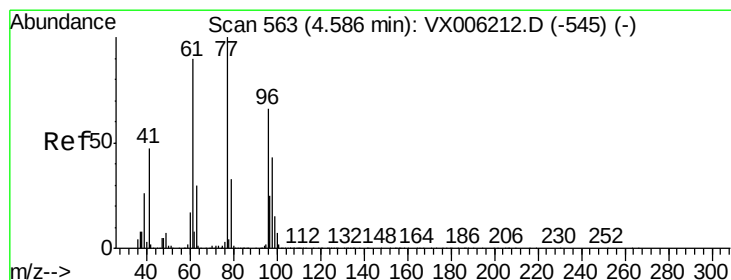
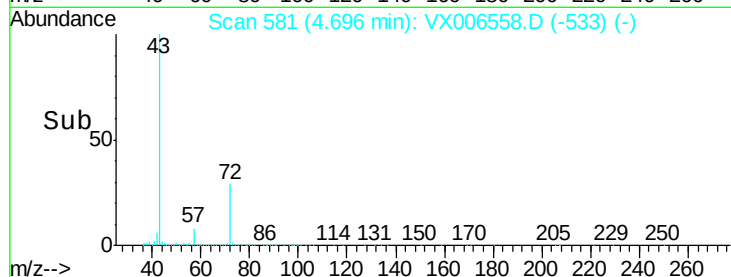
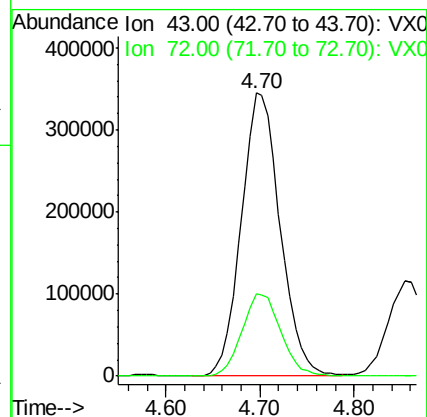
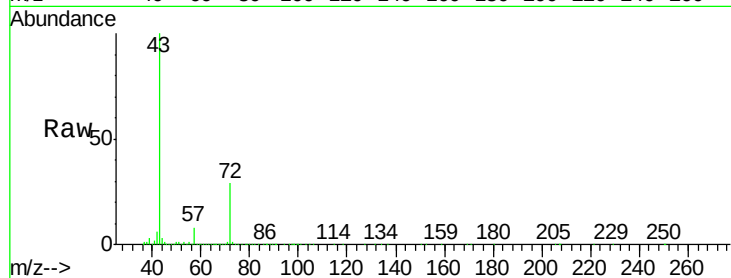
72 29.2 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 28.890 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006558.D

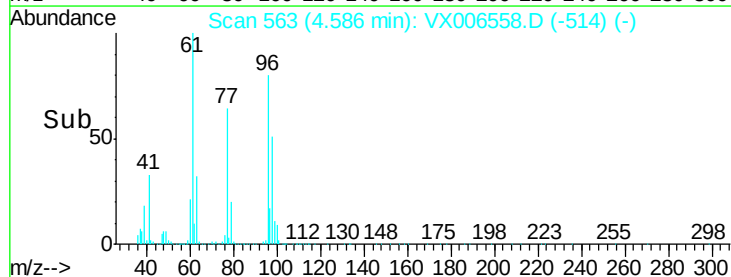
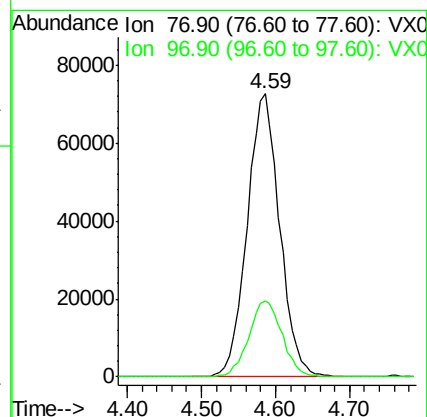
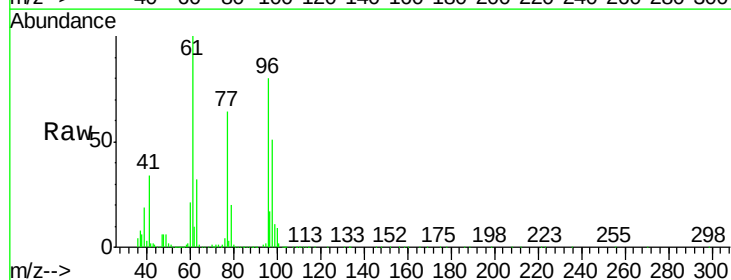
Acq: 15 Dec 2018 11:27

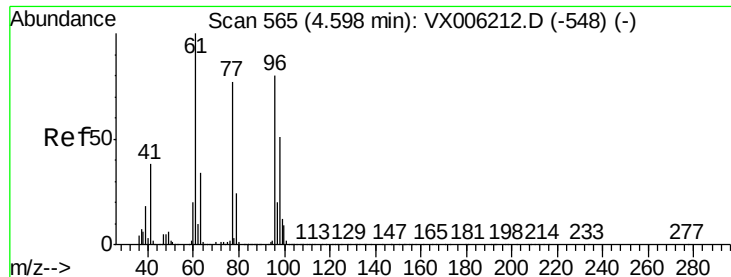
Tgt Ion: 77 Resp: 222154

Ion Ratio Lower Upper

77 100

97 27.5 12.3 36.8





#27

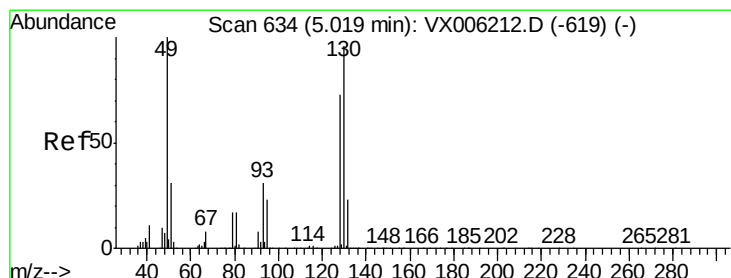
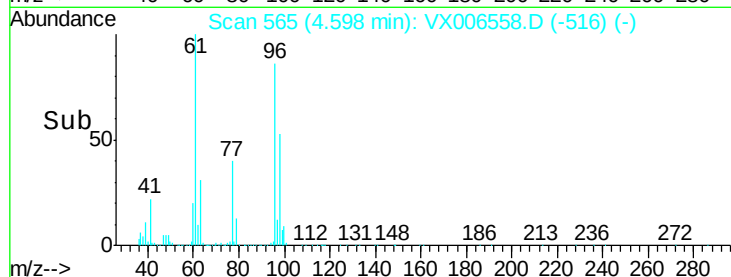
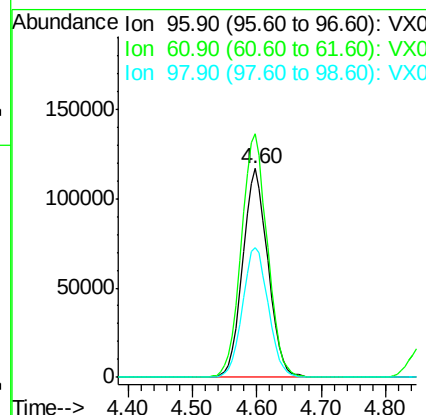
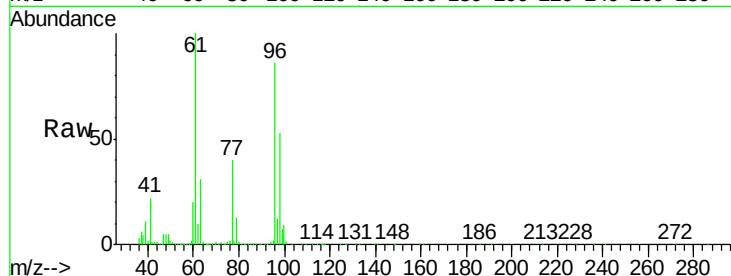
cis-1,2-Dichloroethene
Concen: 56.141 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	315293		
61	121.0	0.0	265.0	
98	64.0	0.0	130.2	

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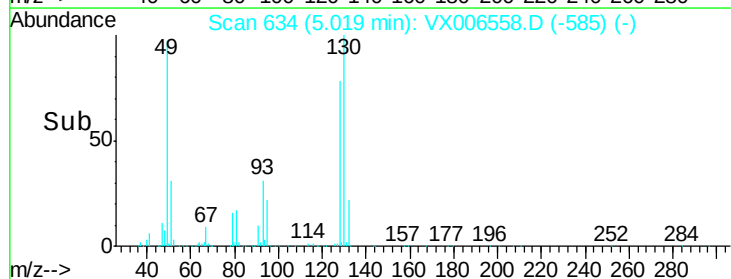
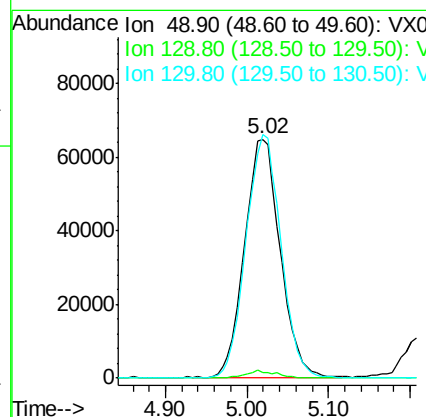
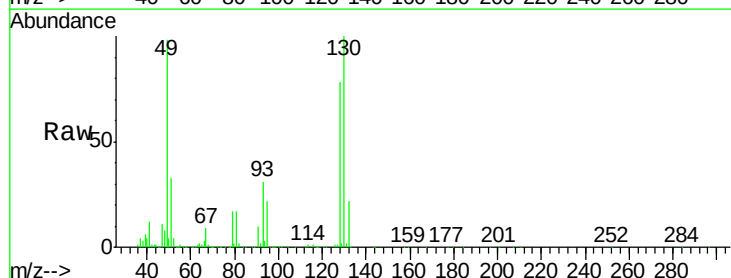
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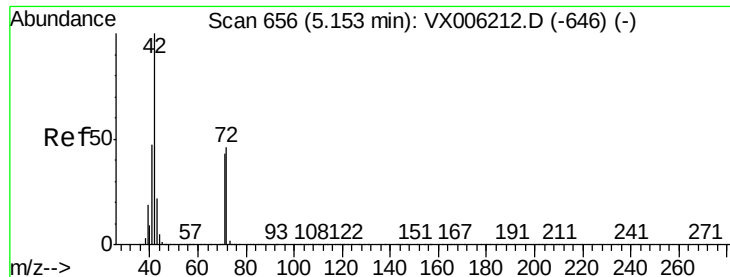


#28

Bromochloromethane
Concen: 54.191 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	197228		
129	2.6	0.0	5.0	
130	100.0	78.3	117.5	





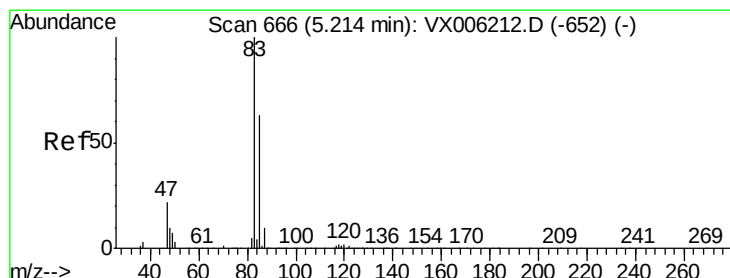
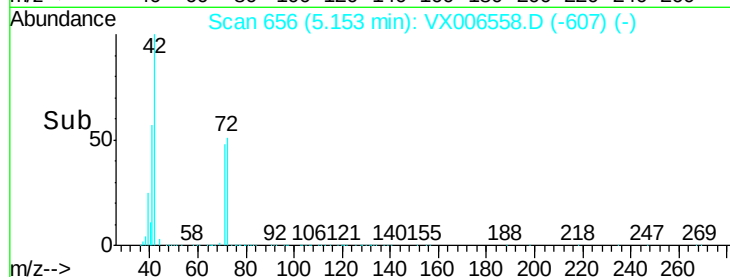
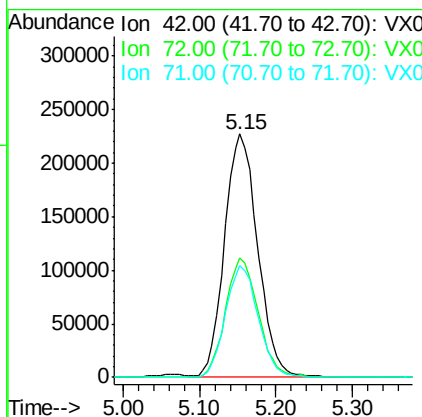
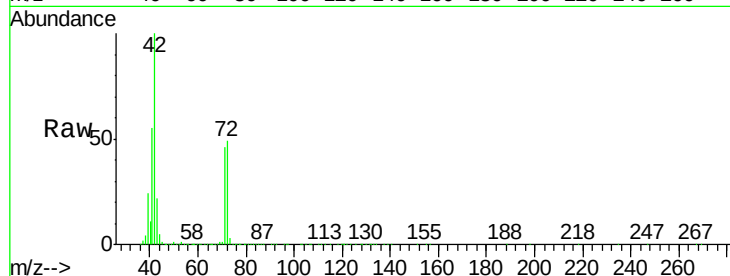
#29
Tetrahydrofuran
Concen: 273.670 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.8	56.8
71	45.7	35.2	52.8

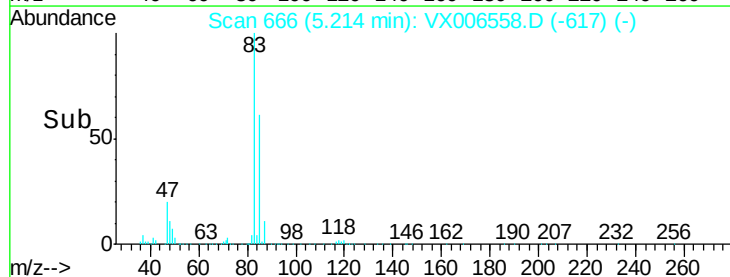
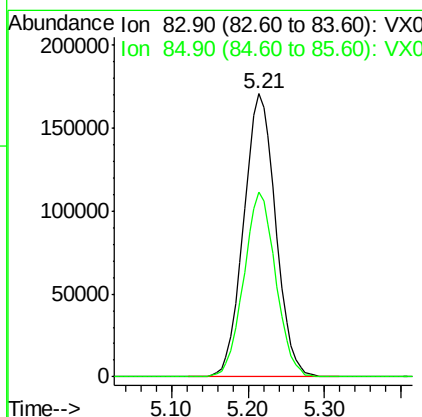
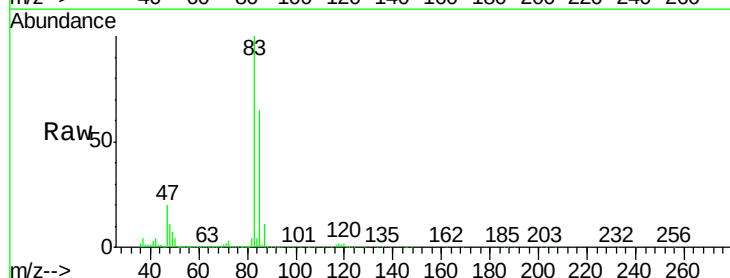
Manual Integrations
APPROVED

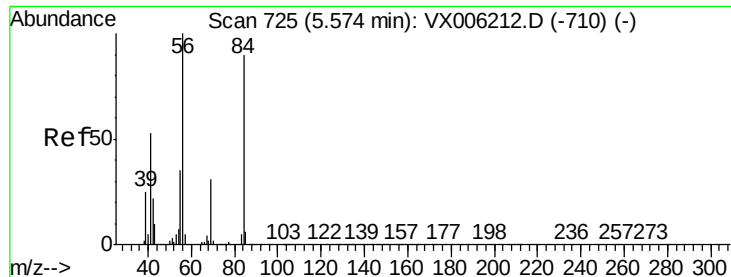
MMDadoda
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#30
Chloroform
Concen: 56.731 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5





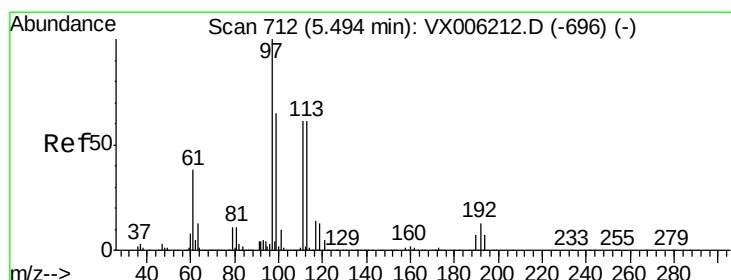
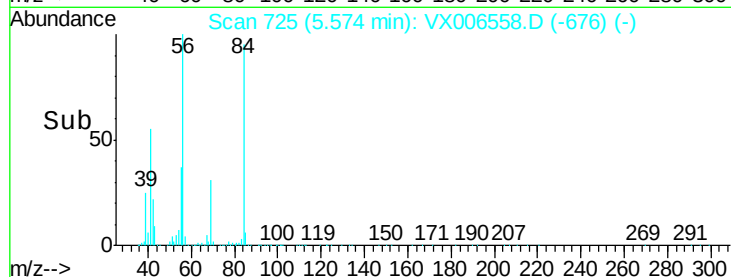
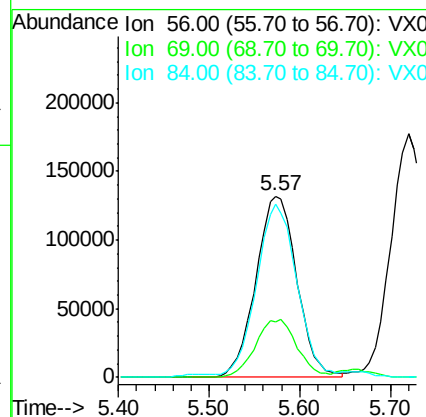
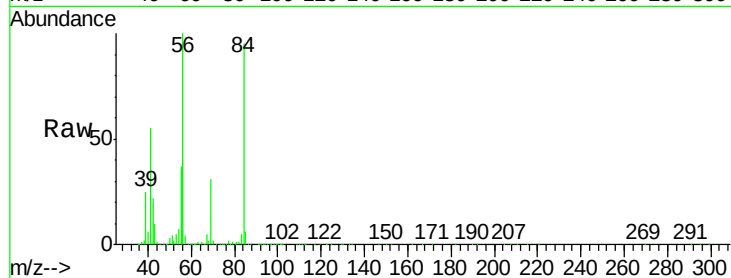
#31
Cyclohexane
Concen: 53.451 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.5	36.7
84	94.1	71.8	107.6

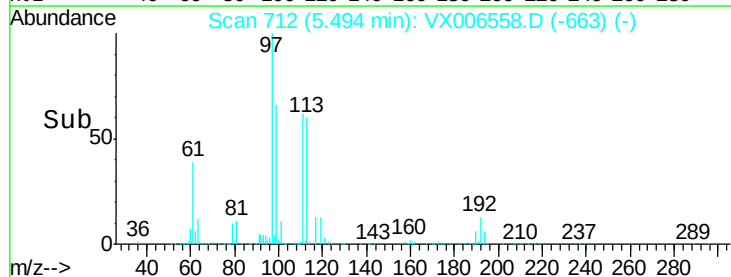
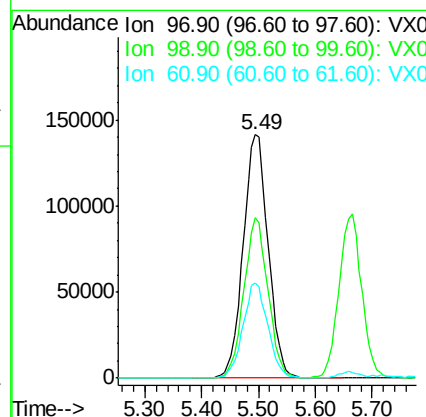
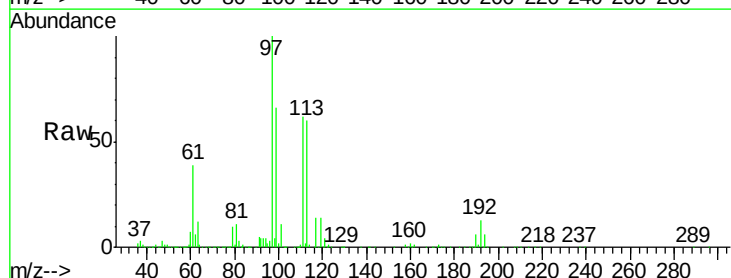
Manual Integrations
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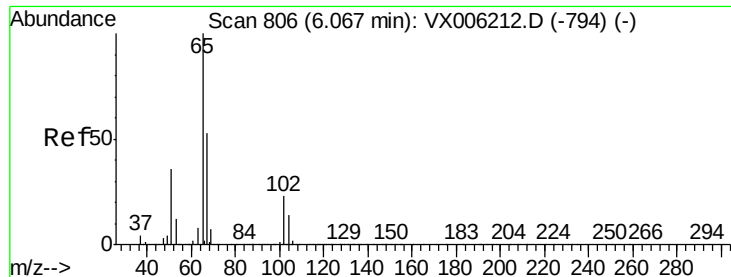
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#32
1,1,1-Trichloroethane
Concen: 51.868 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	38.9	30.6	46.0





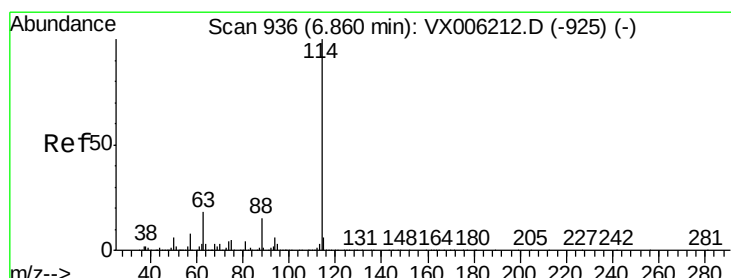
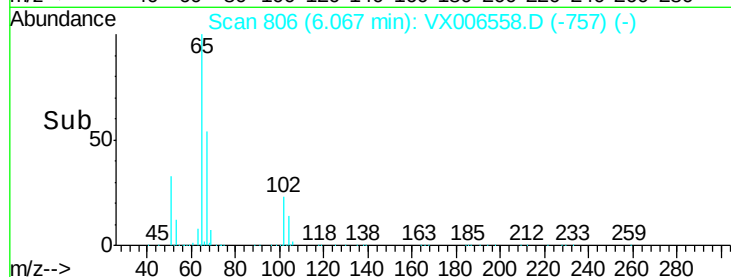
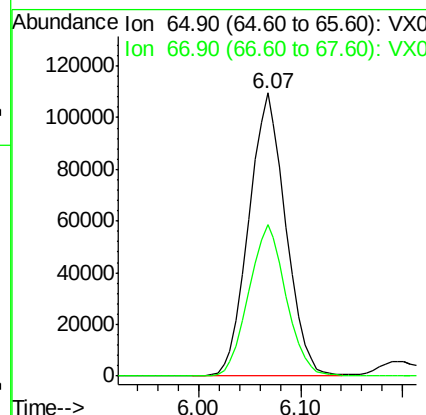
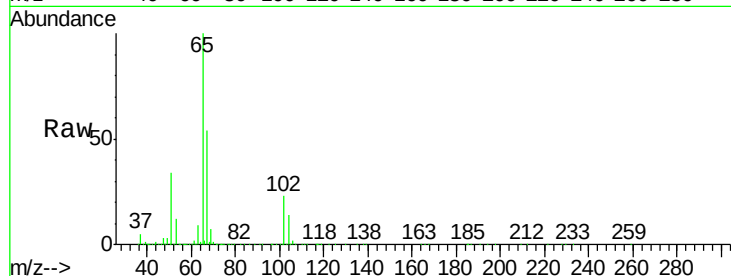
#33
 1,2-Dichloroethane-d4
 Concen: 51.652 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

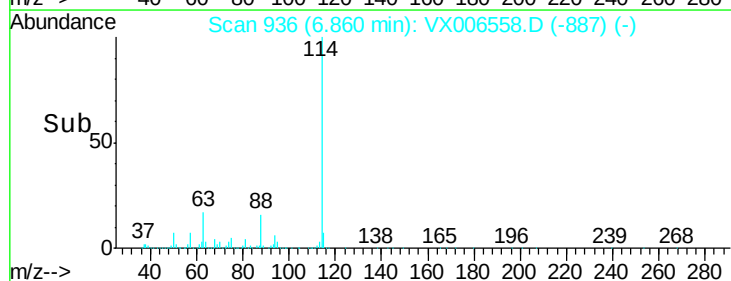
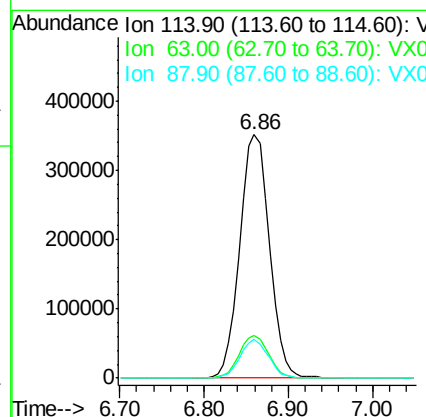
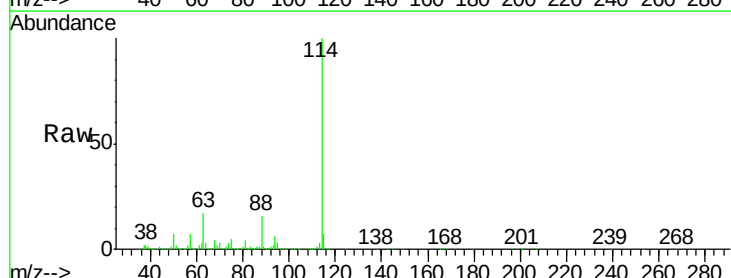
Manual Integrations
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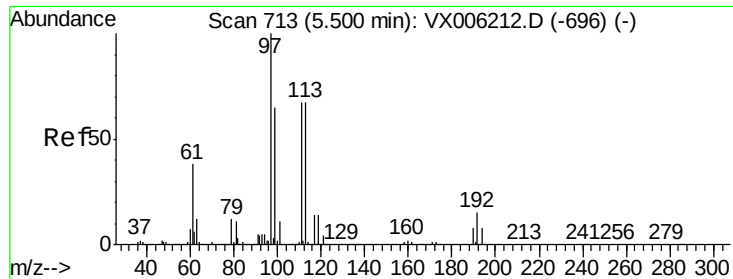
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.6
88	15.8	0.0	29.0





#35

Dibromofluoromethane

Concen: 49.567 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

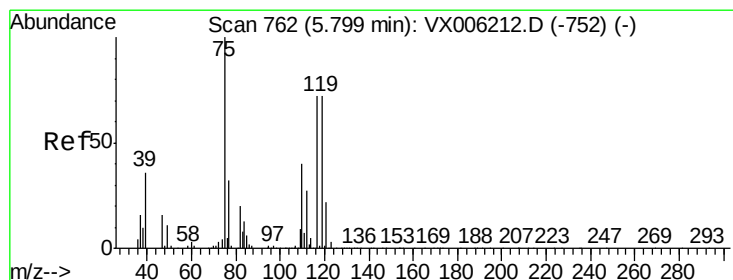
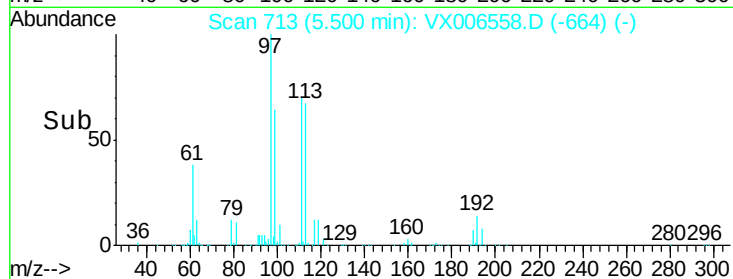
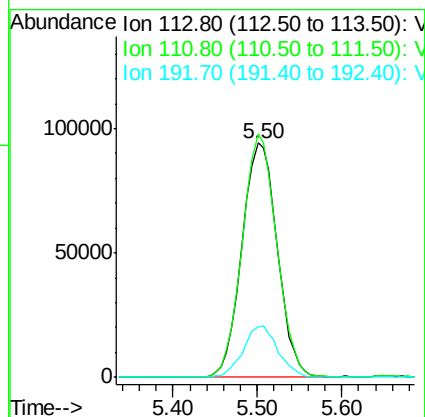
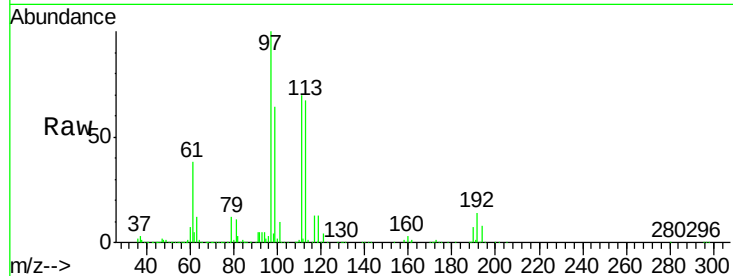
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:	113	Resp:	267996
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.1	121.7
192	21.5	18.2	27.2

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12/17/2018 12:12:56 PM



#36

1,1-Dichloropropene

Concen: 50.687 ug/l

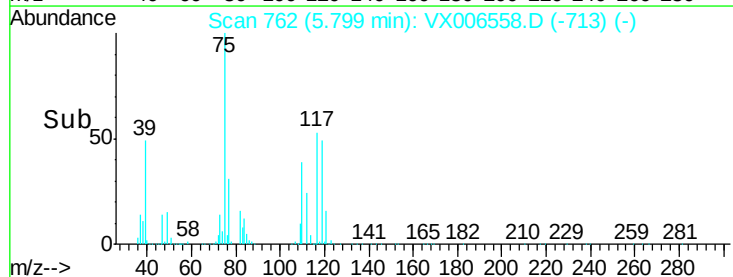
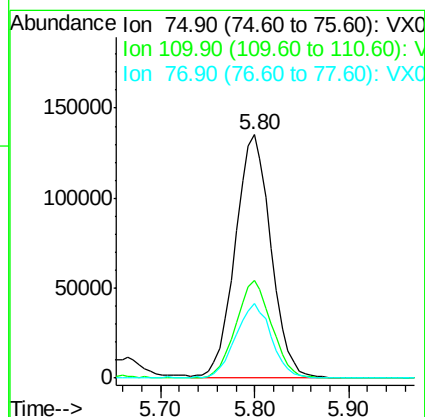
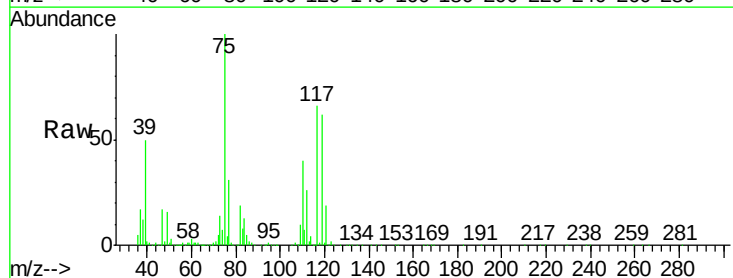
RT: 5.80 min Scan# 762

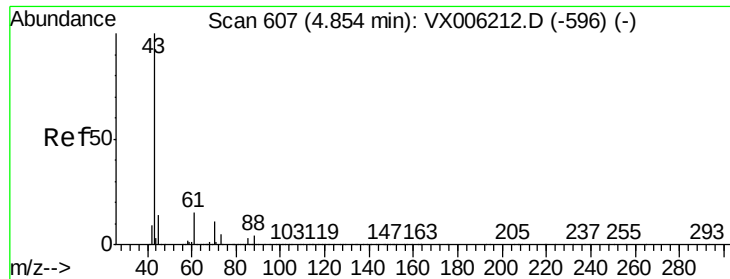
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion:	75	Resp:	356432
Ion Ratio	Lower	Upper	
75	100		
110	40.4	20.4	61.3
77	30.3	24.9	37.3





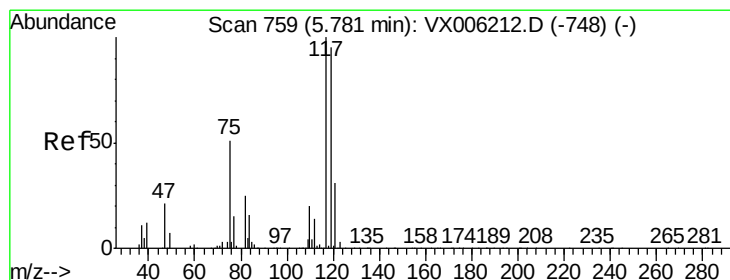
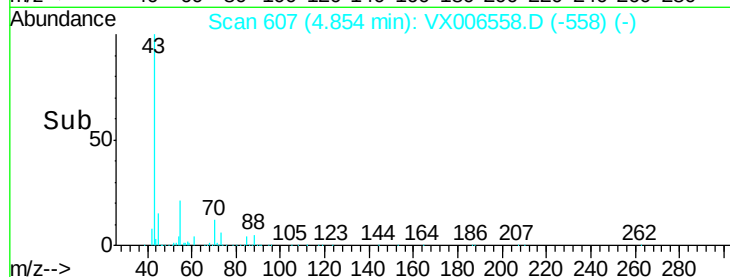
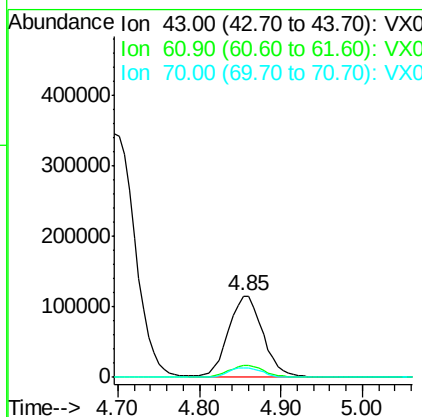
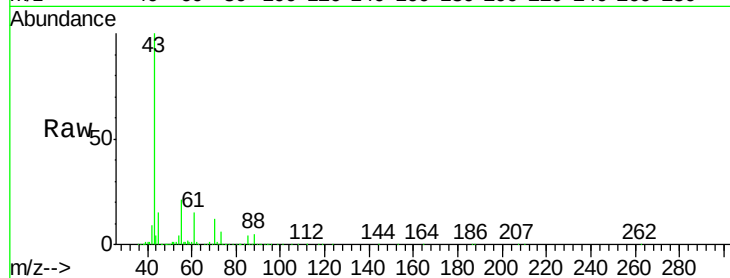
#37
Ethyl Acetate
Concen: 42.532 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion:	43	Resp:	334944
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	12.0	9.0	13.6

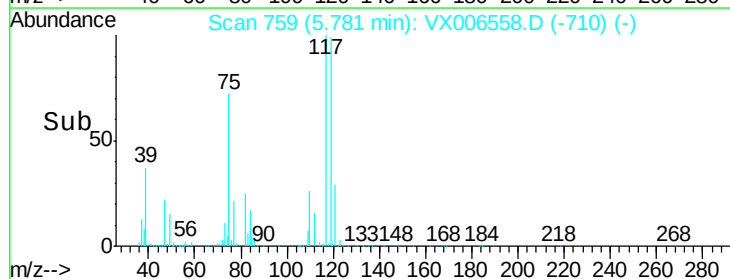
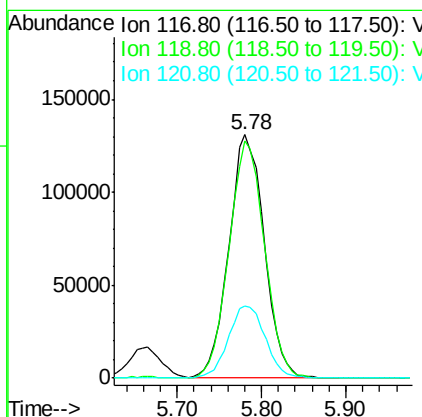
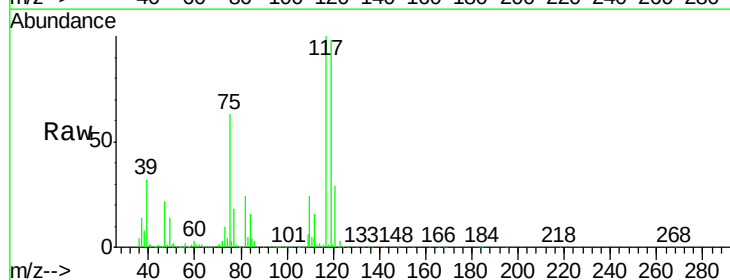
Manual Integrations
APPROVED

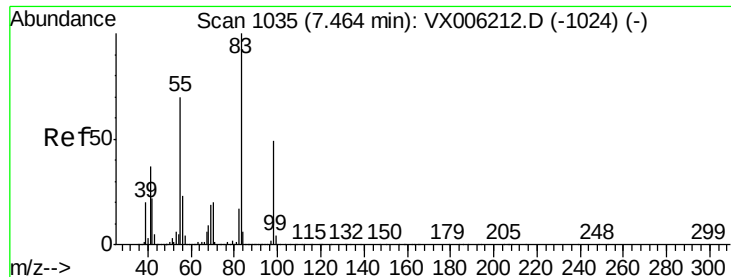
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#38
Carbon Tetrachloride
Concen: 44.982 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion:	117	Resp:	372123
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
121	29.4	24.6	37.0





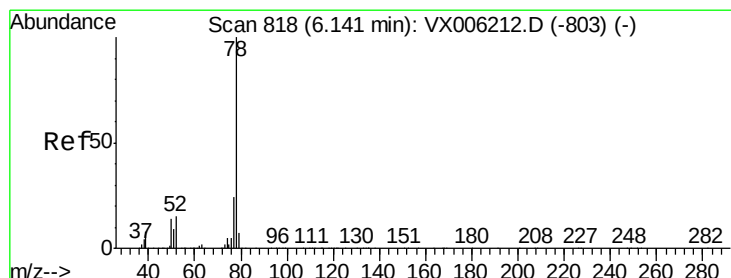
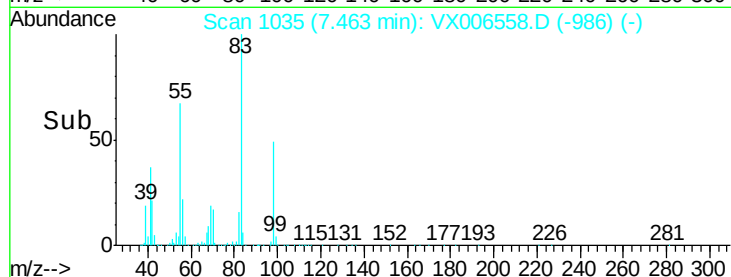
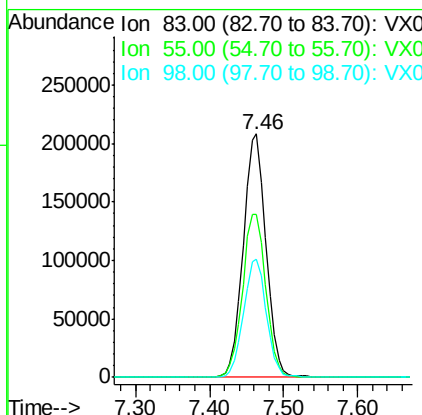
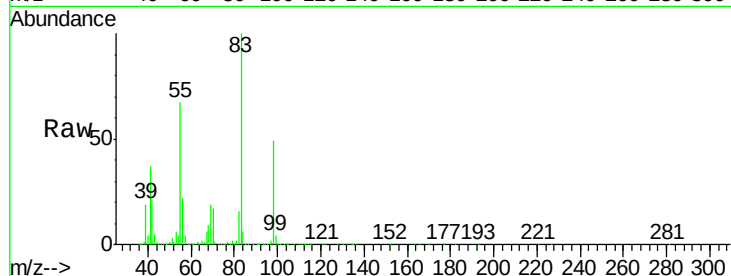
#39
Methylcyclohexane
Concen: 49.076 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.8	56.4	84.6
98	48.4	39.0	58.6

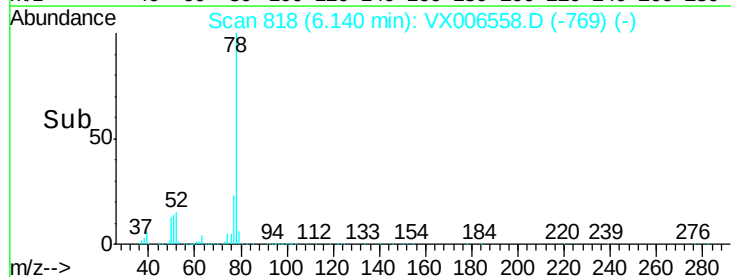
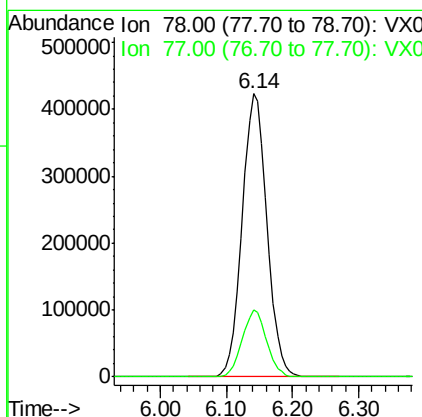
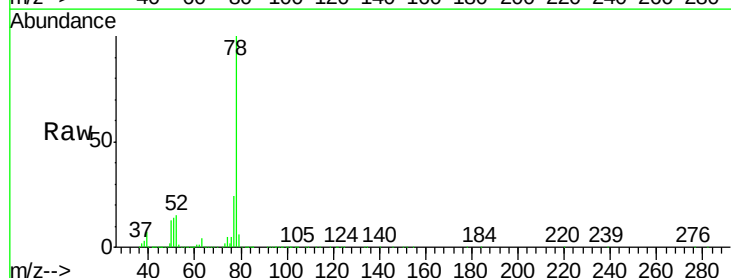
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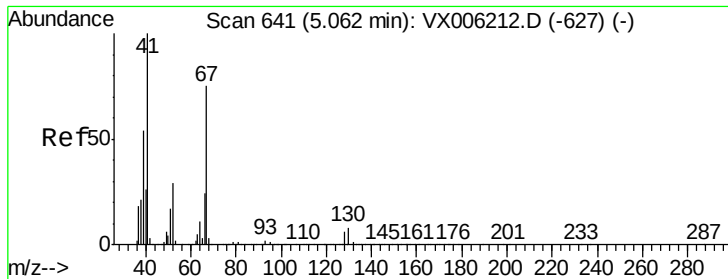
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#40
Benzene
Concen: 52.415 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 48.374 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

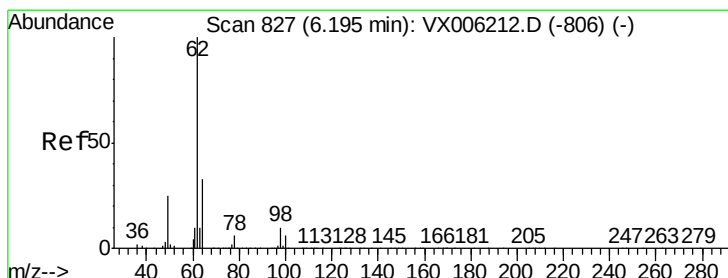
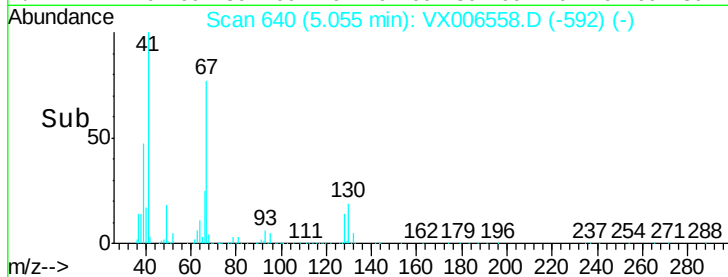
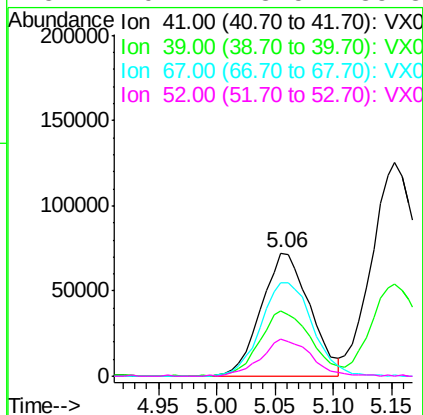
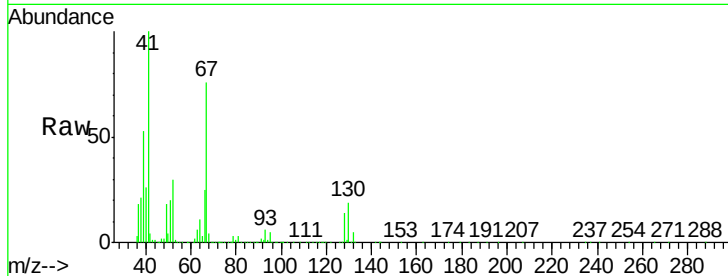
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion	Ratio	Resp Lower	Upper
41	100		
39	55.9	44.0	66.0
67	81.0	61.4	92.0
52	29.7	23.5	35.3

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.727 ug/l

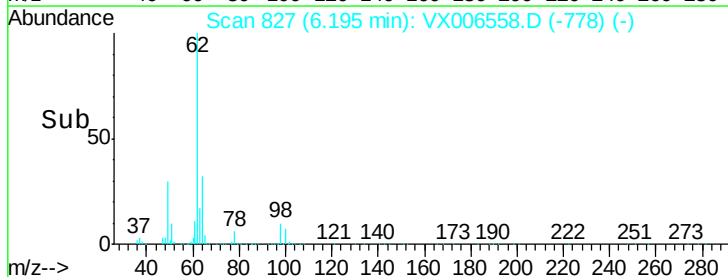
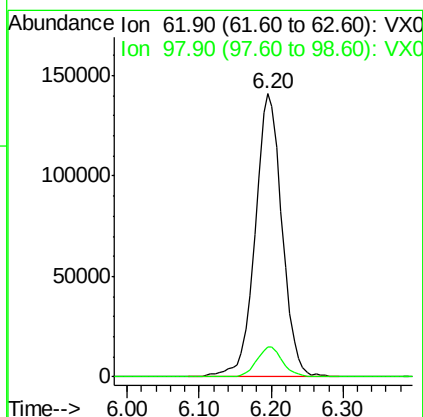
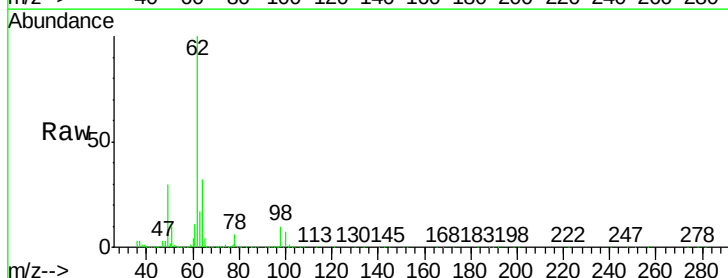
RT: 6.20 min Scan# 827

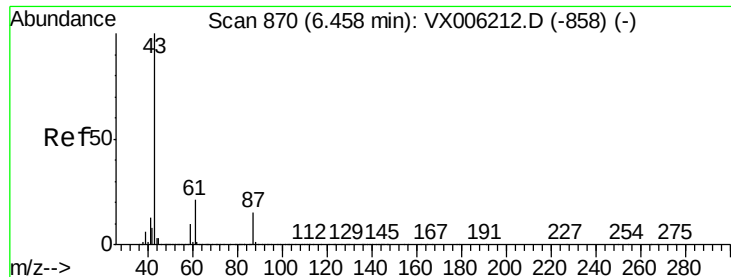
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Resp Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 43.092 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

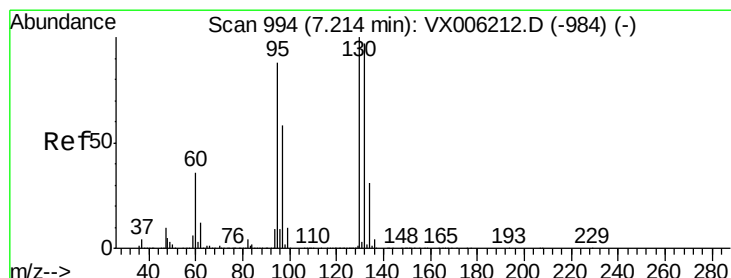
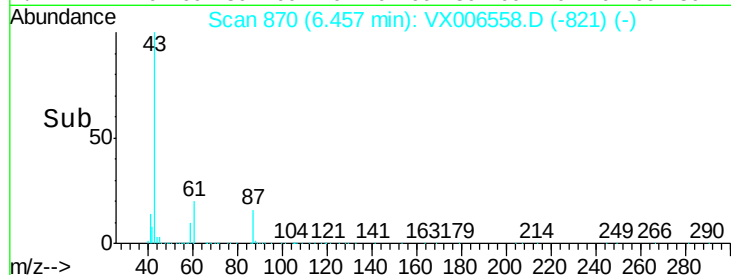
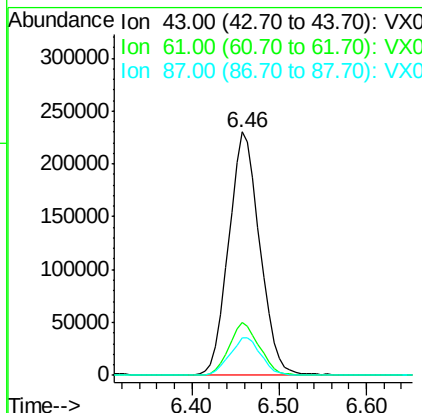
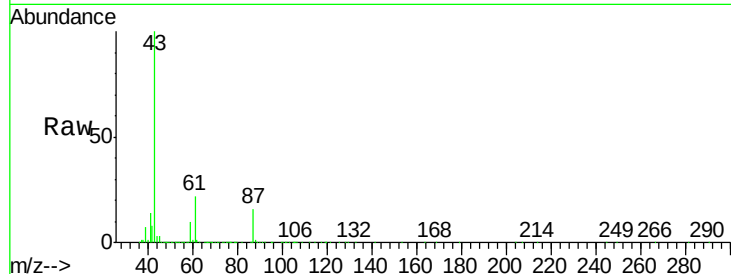
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:	43	Resp:	565801
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.7	11.9	17.9

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#44

Trichloroethene

Concen: 50.732 ug/l

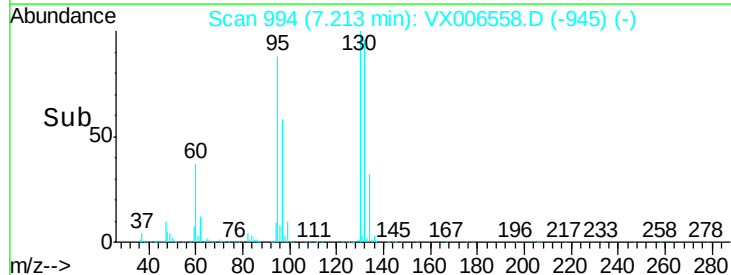
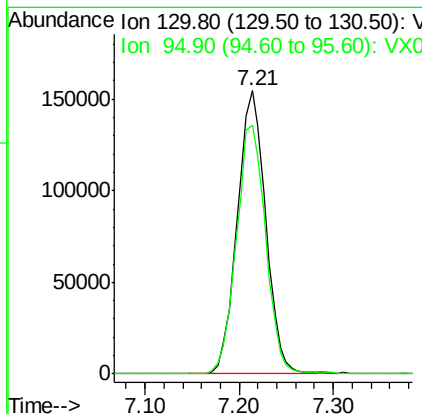
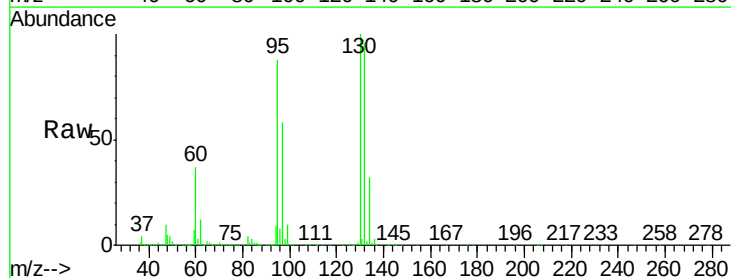
RT: 7.21 min Scan# 994

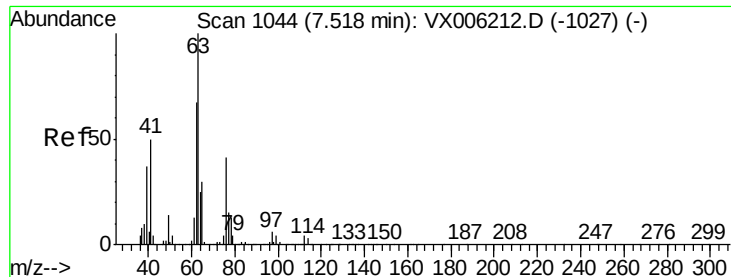
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion:	130	Resp:	323696
Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	175.8





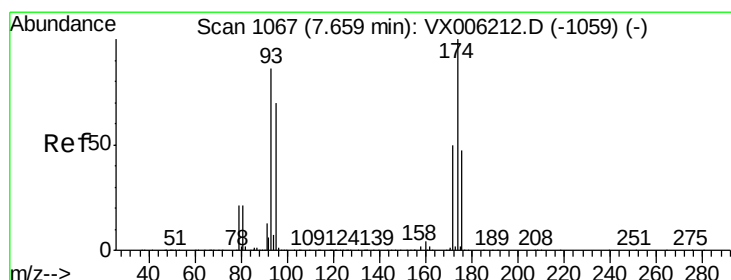
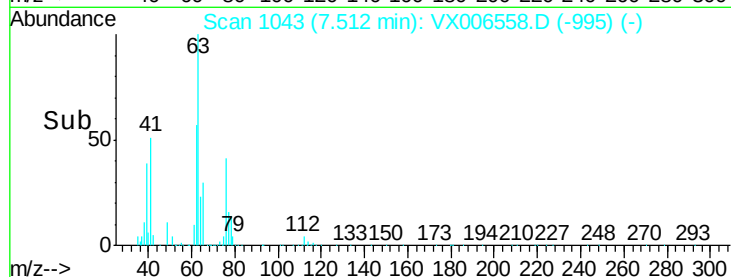
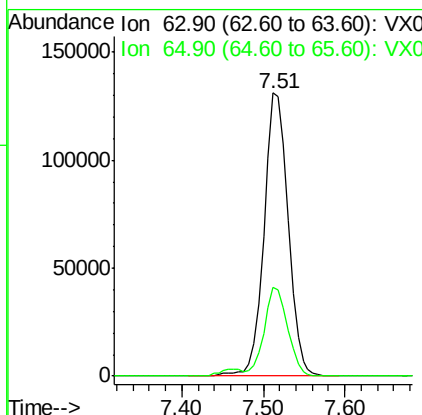
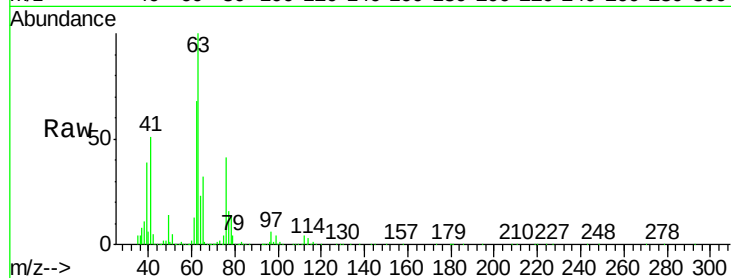
#45
1,2-Dichloropropane
Concen: 50.562 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.3	36.5

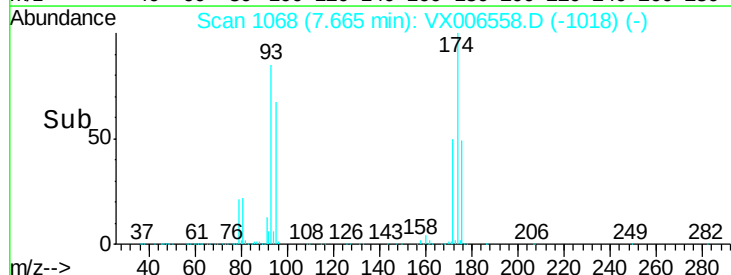
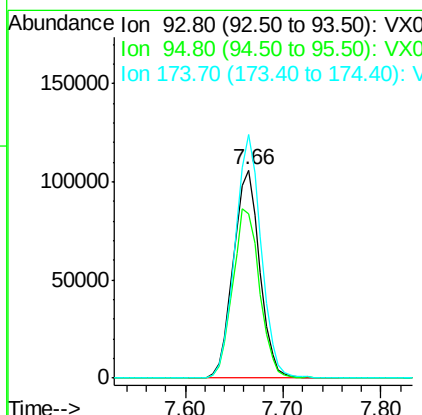
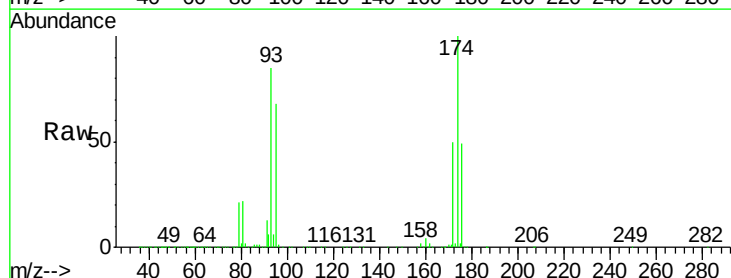
Manual Integrations
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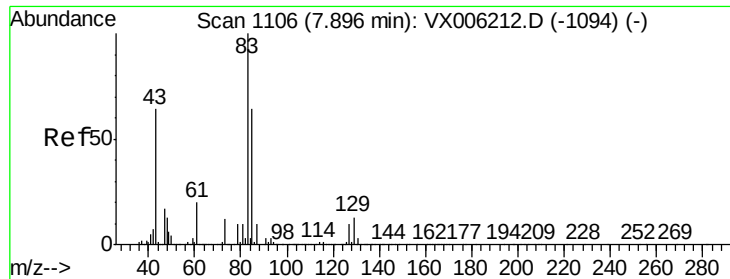
MMDadoda
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#46
Dibromomethane
Concen: 51.549 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.4
174	115.7	97.2	145.8





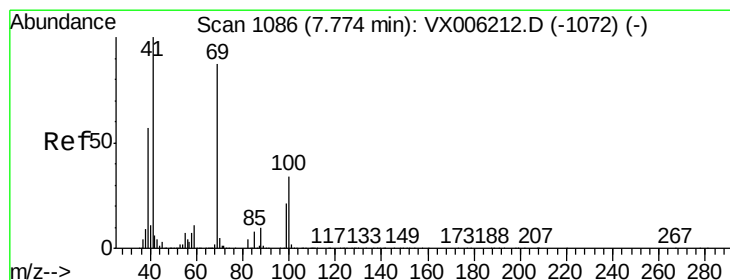
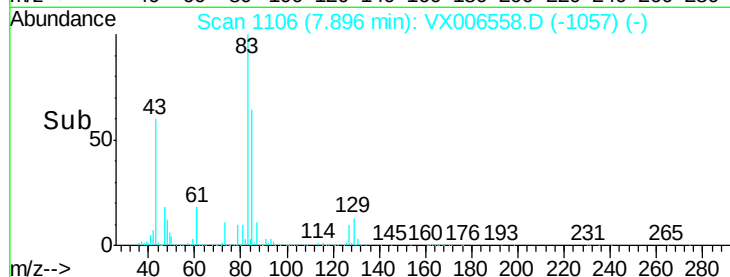
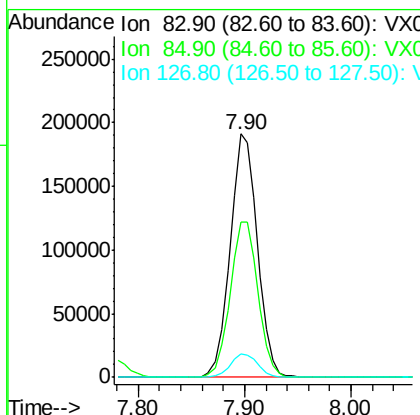
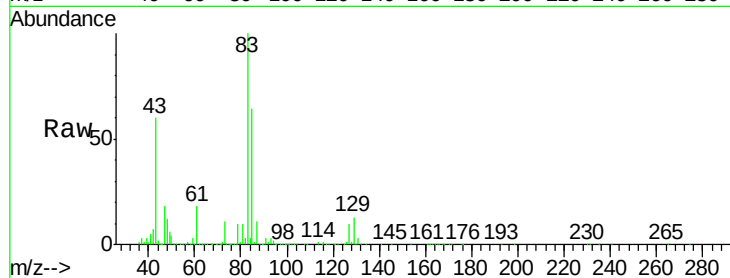
#47
Bromodichloromethane
Concen: 45.796 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	342853		
85	63.9	51.4	77.0	
127	9.7	7.9	11.9	

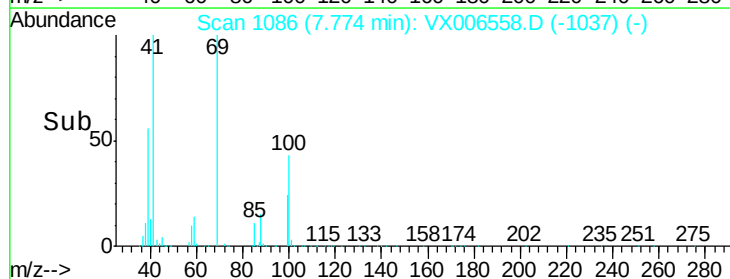
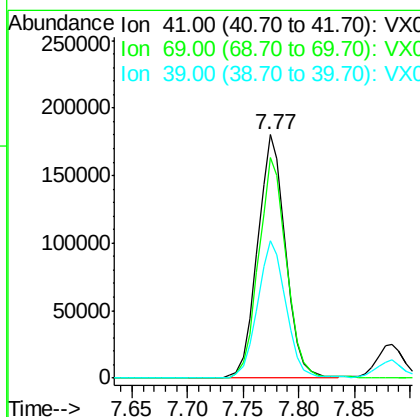
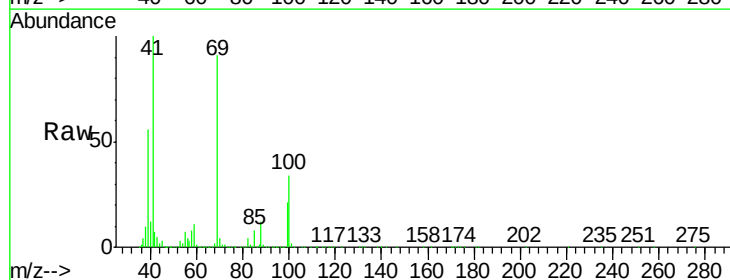
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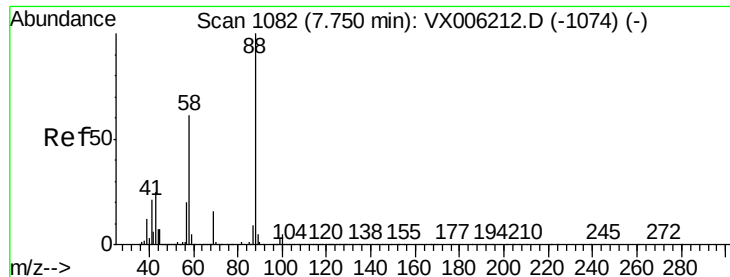
MMDadoda
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#48
Methyl methacrylate
Concen: 49.342 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	315175		
69	90.9	70.3	105.5	
39	57.0	45.3	67.9	





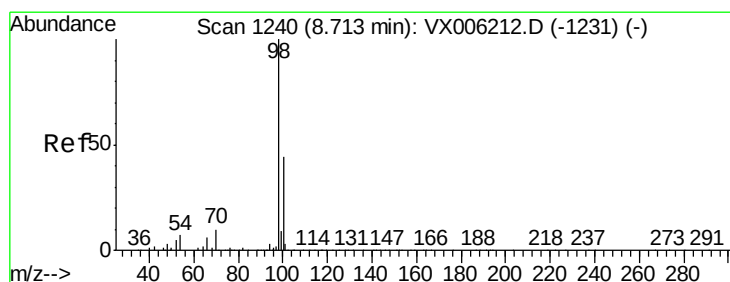
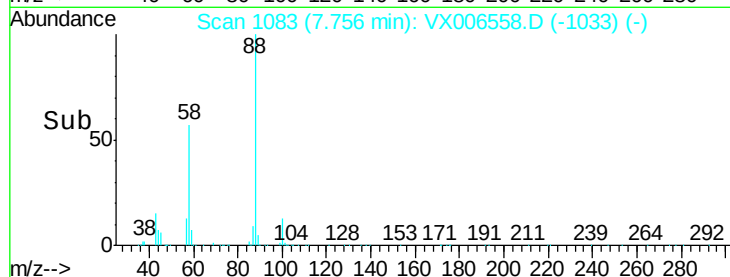
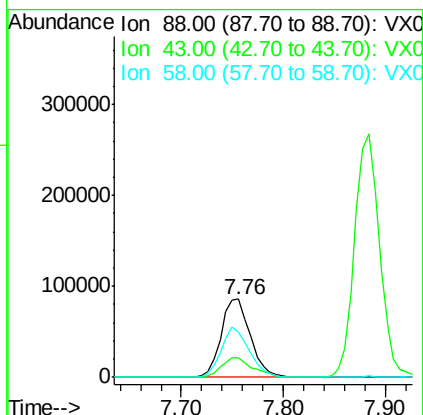
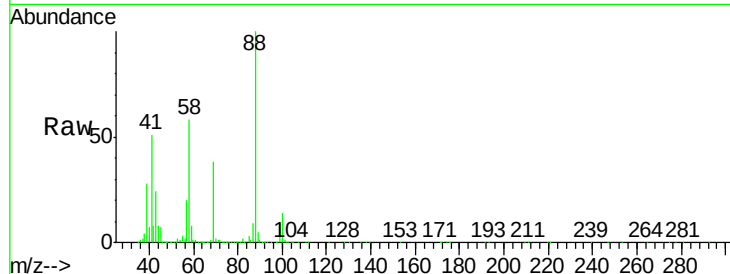
#49
1,4-Dioxane
Concen: 1086.612 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	26.4	23.2	34.8
58	62.0	51.4	77.0

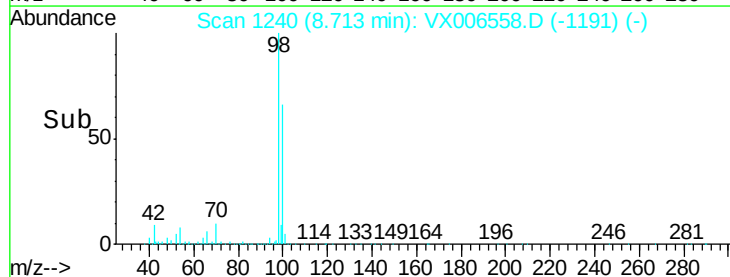
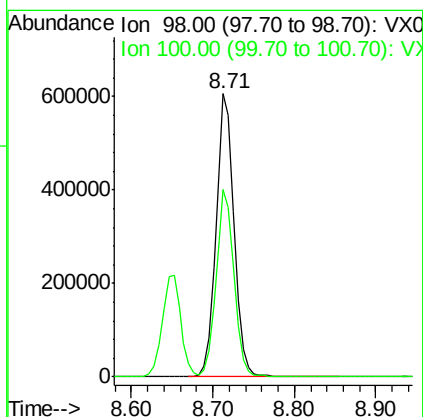
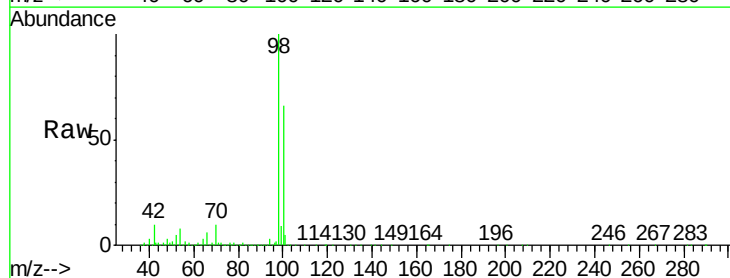
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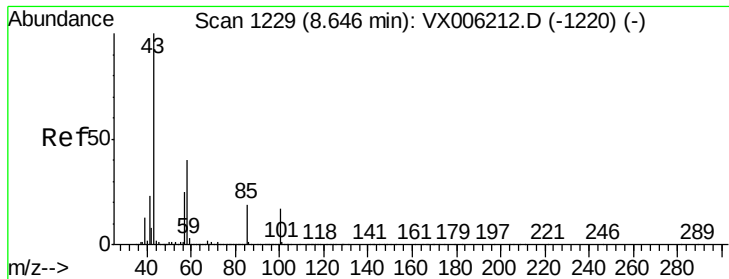
MMDadoda
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#50
Toluene-d8
Concen: 47.913 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





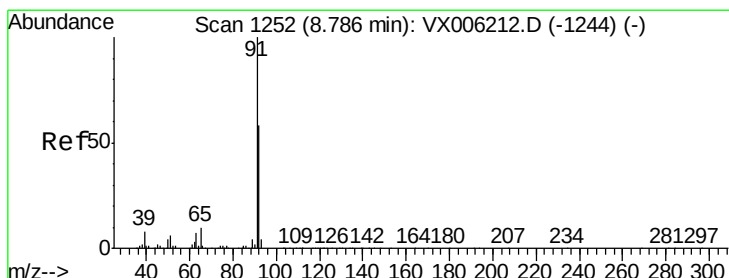
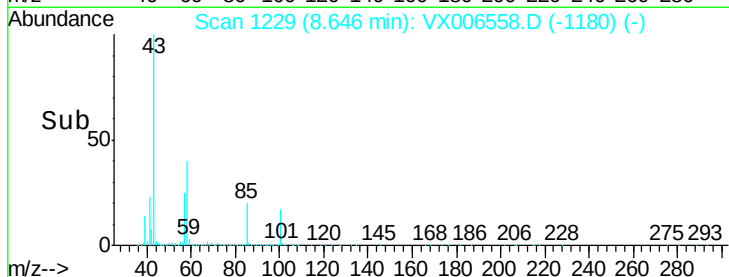
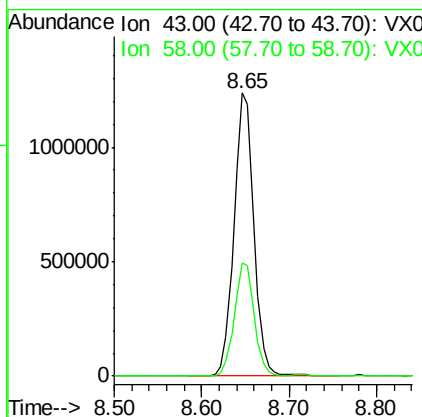
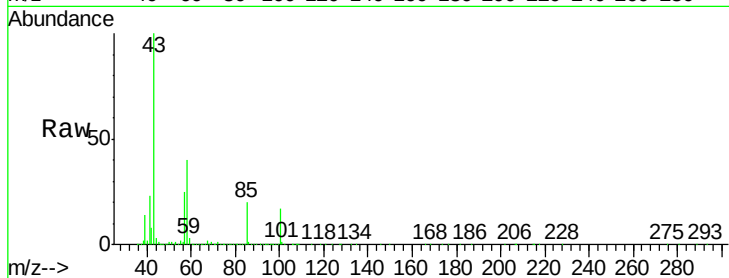
#51
4-Methyl-2-Pentanone
Concen: 257.694 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion: 43 Resp: 1969682
Ion Ratio Lower Upper
43 100
58 39.9 31.3 46.9

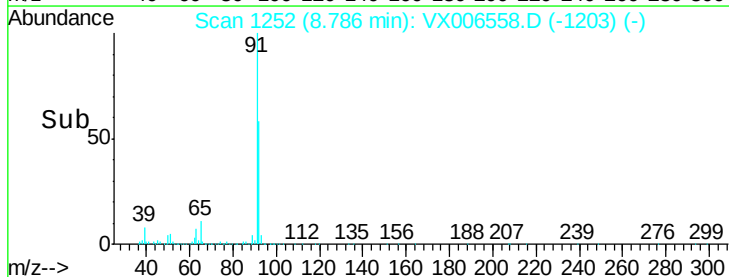
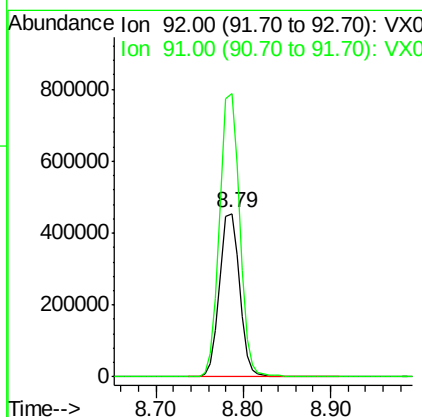
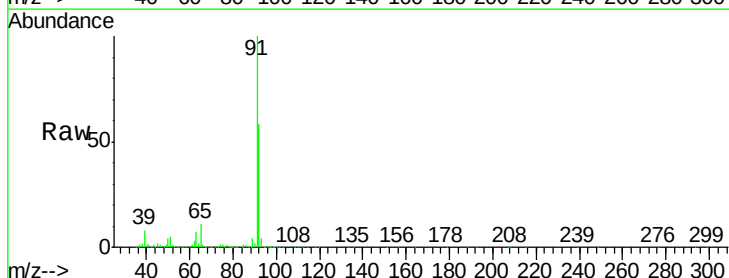
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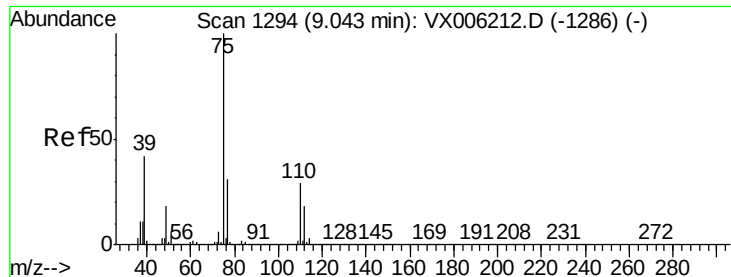
MMDadoda
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#52
Toluene
Concen: 52.182 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 92 Resp: 723057
Ion Ratio Lower Upper
92 100
91 173.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 41.305 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 75 Resp: 361647

Ion Ratio Lower Upper

75 100

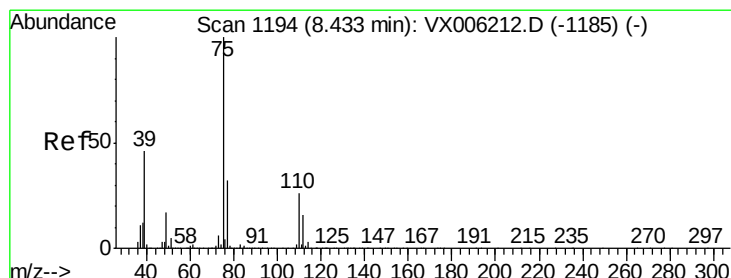
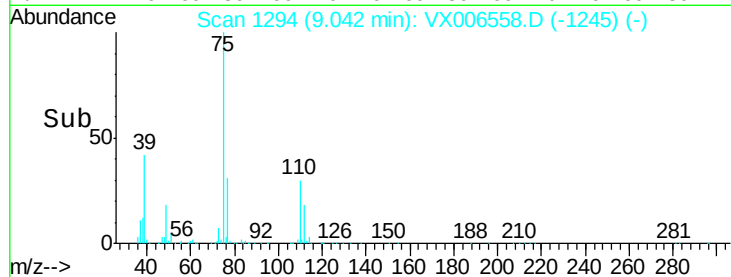
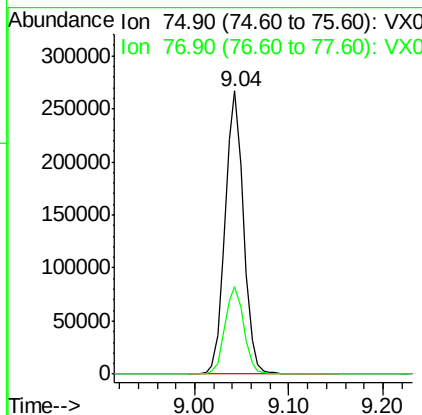
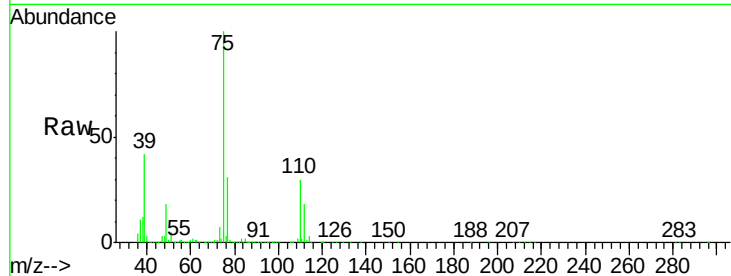
77 31.0 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 43.536 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

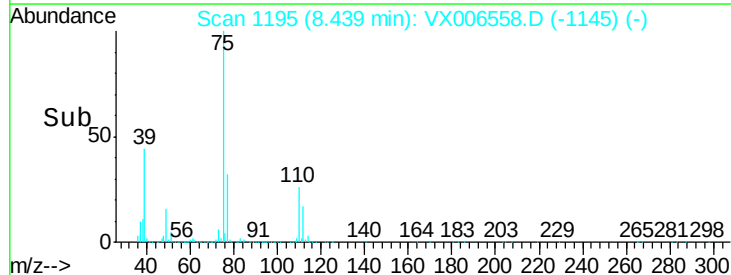
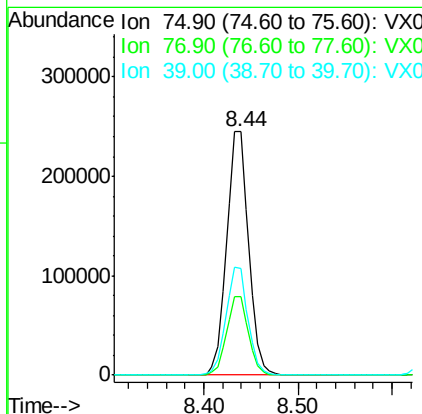
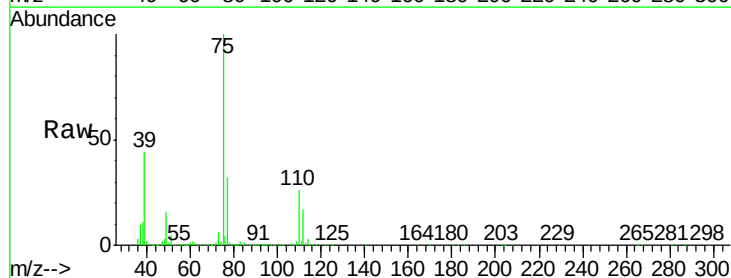
Tgt Ion: 75 Resp: 395811

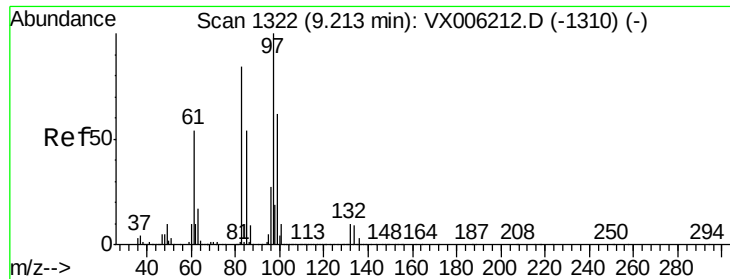
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 43.6 36.5 54.7





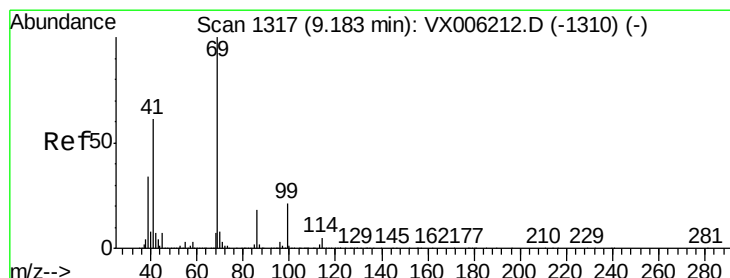
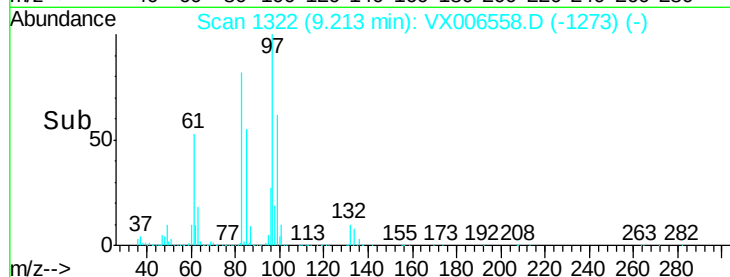
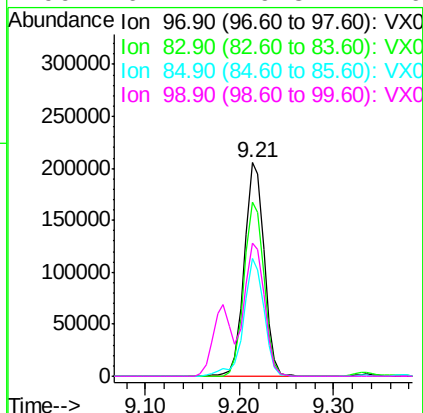
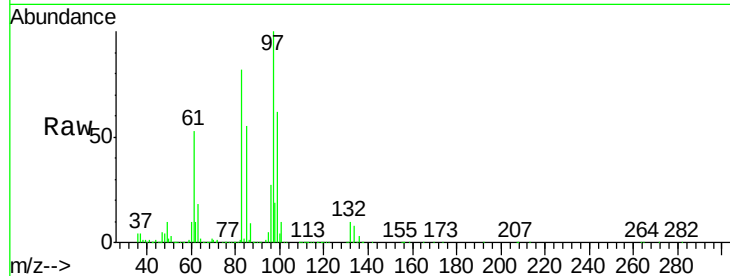
#55
 1,1,2-Trichloroethane
 Concen: 53.632 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.1	100.7
85	54.8	43.2	64.8
99	62.2	49.8	74.6

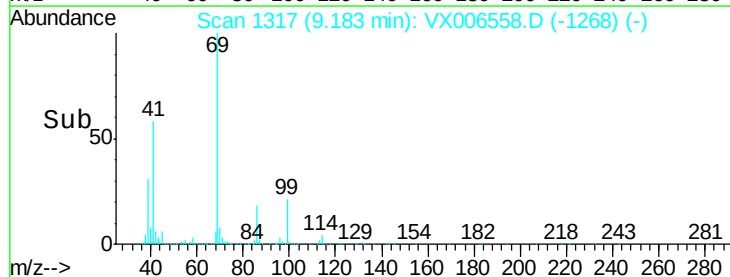
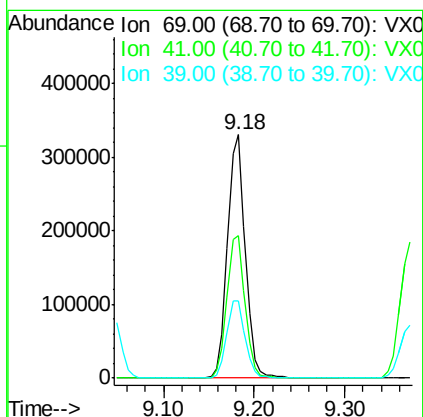
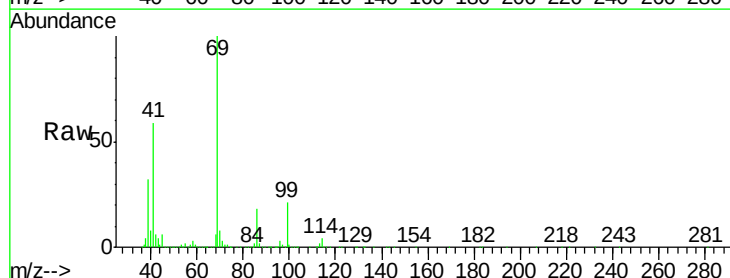
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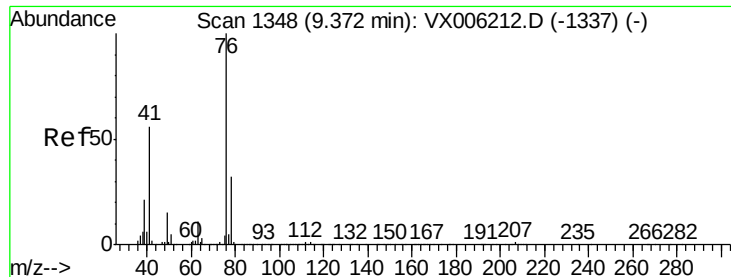
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#56
 Ethyl methacrylate
 Concen: 51.283 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.7	50.6	76.0
39	33.1	27.6	41.4





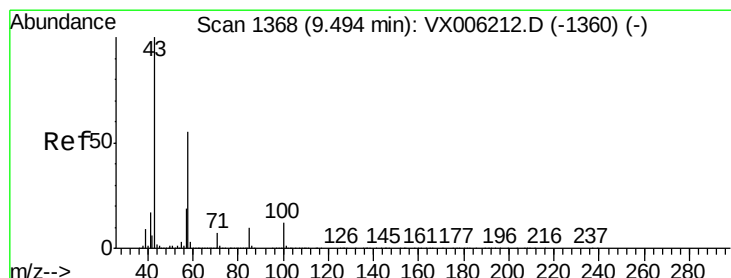
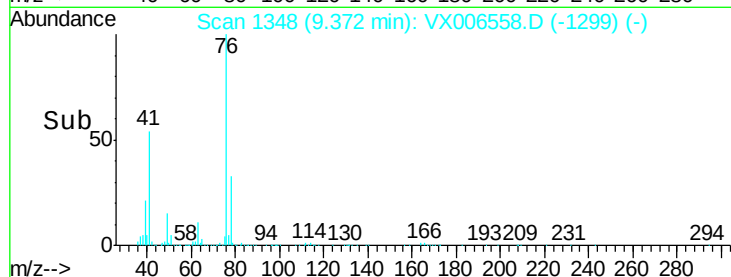
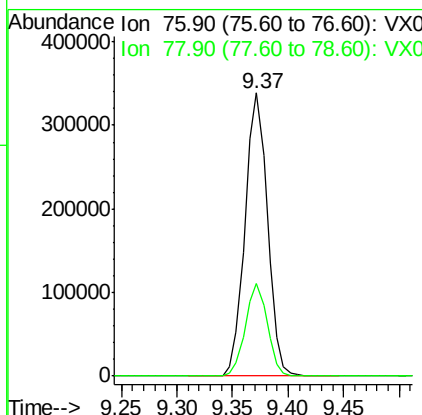
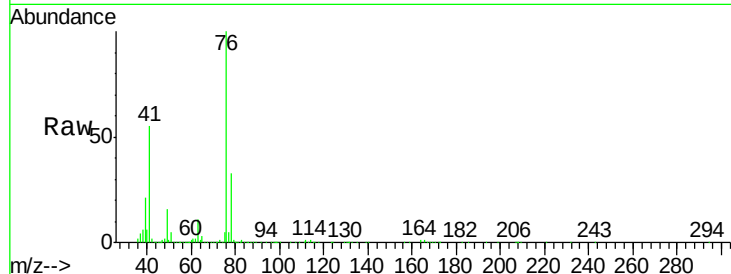
#57
 1,3-Dichloropropane
 Concen: 53.541 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion: 76 Resp: 476601
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1

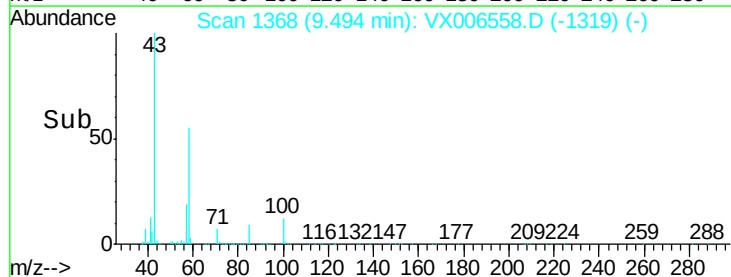
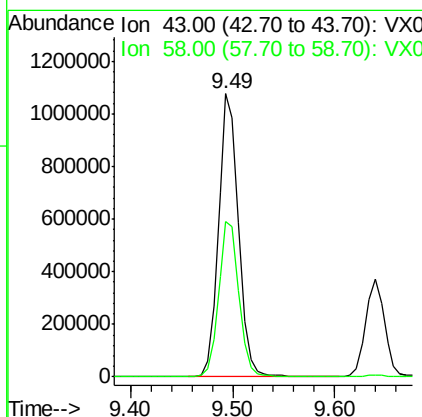
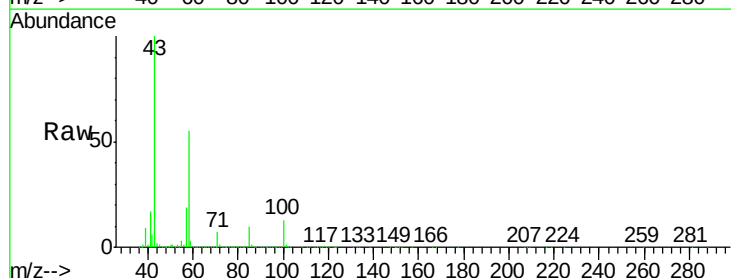
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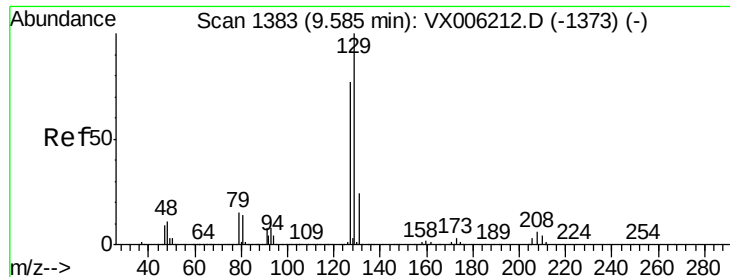
MMDadoda
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#59
 2-Hexanone
 Concen: 252.560 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion: 43 Resp: 1474865
 Ion Ratio Lower Upper
 43 100
 58 55.9 27.7 83.1





#60

Dibromochloromethane

Concen: 44.743 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:129 Resp: 310577

Ion Ratio Lower Upper

129 100

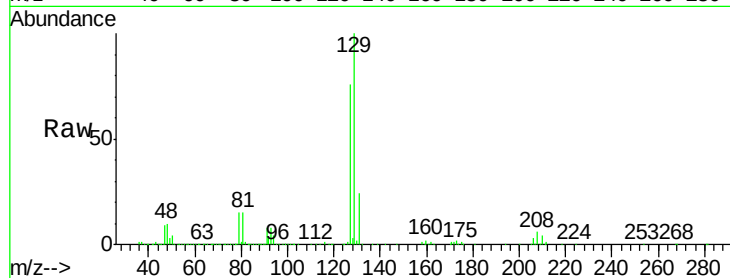
127 77.4 38.6 115.8

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

250000

200000

150000

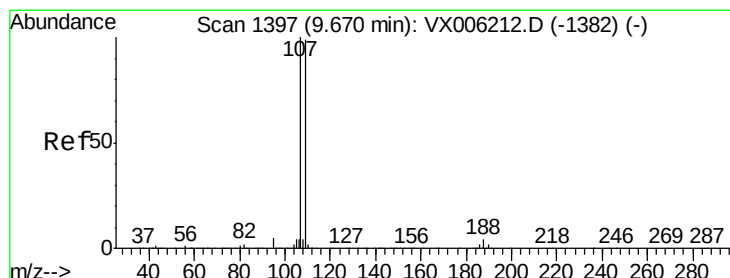
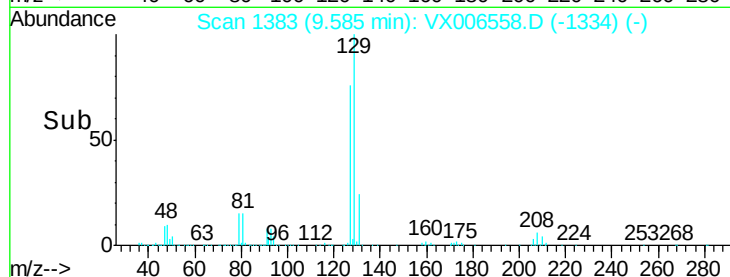
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 52.850 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006558.D

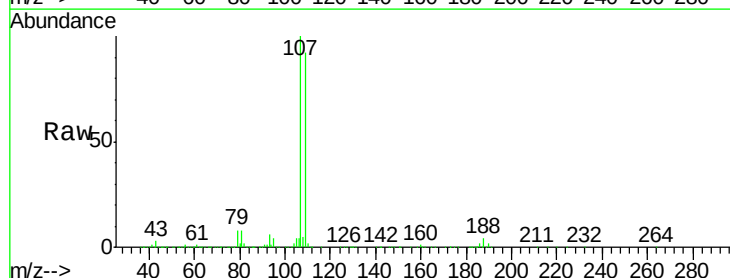
Acq: 15 Dec 2018 11:27

Tgt Ion:107 Resp: 332658

Ion Ratio Lower Upper

107 100

109 94.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

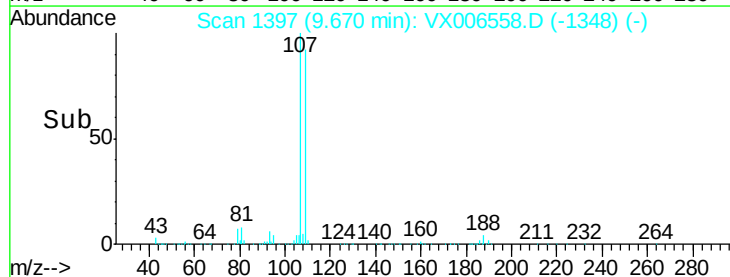
100000

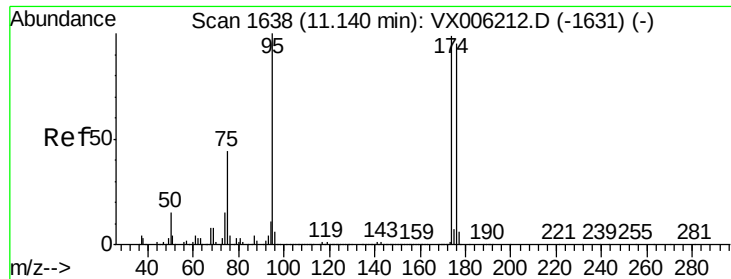
50000

0

9.60 9.65 9.70 9.75

Time-->





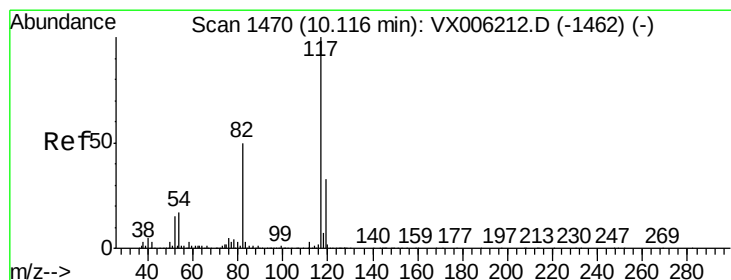
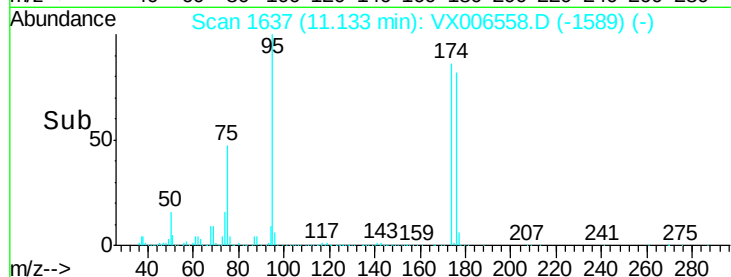
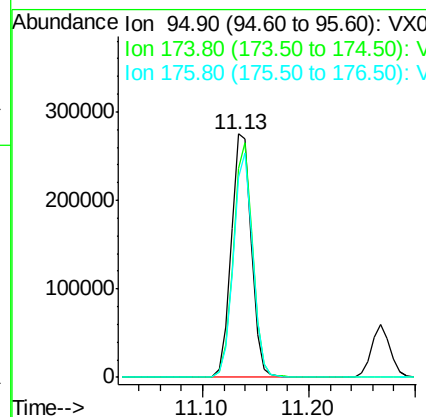
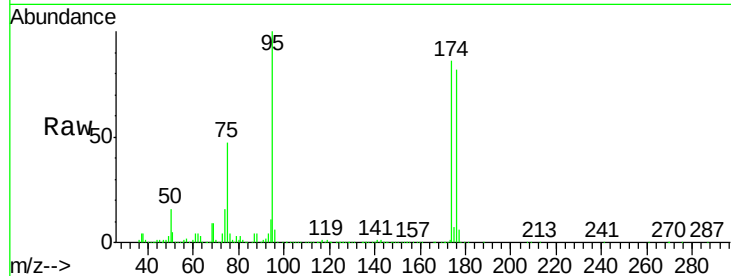
#62
4-Bromofluorobenzene
Concen: 49.372 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	365889		
174	92.0	0.0	187.0	
176	88.7	0.0	181.8	

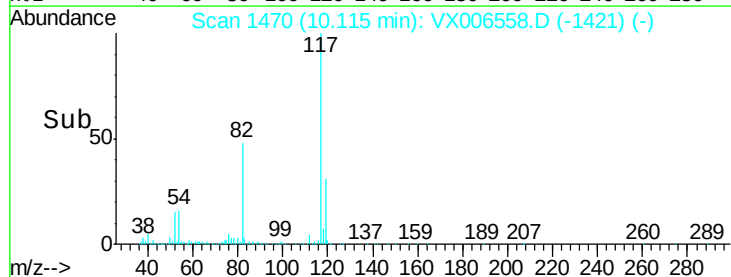
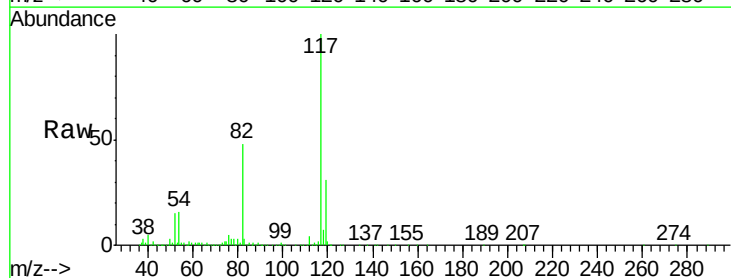
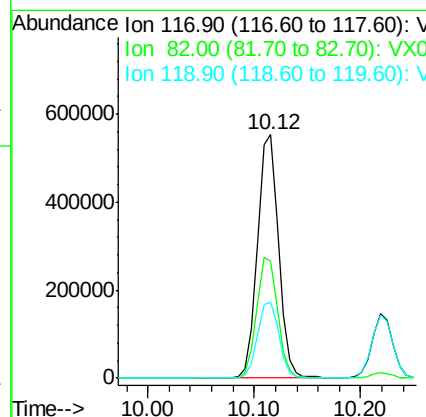
Manual Integrations
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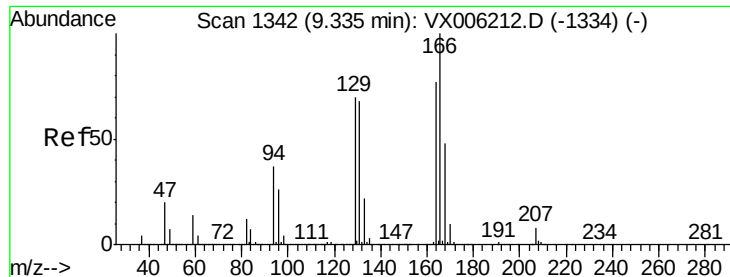
MMDadoda
12/17/2018 12:12:56 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	771163		
82	48.2	39.6	59.4	
119	31.4	26.3	39.5	





#64

Tetrachloroethene

Concen: 50.860 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

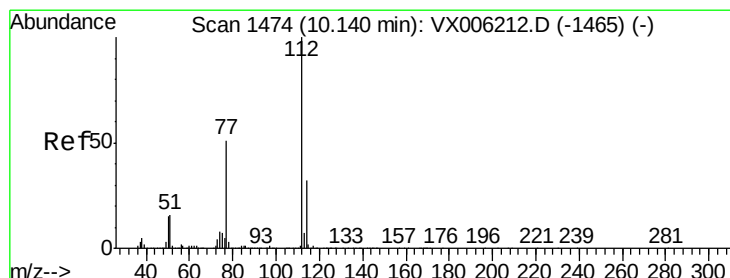
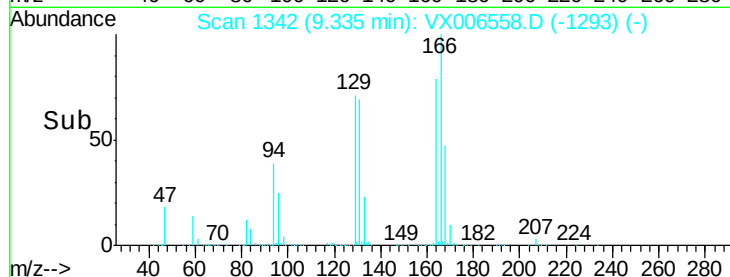
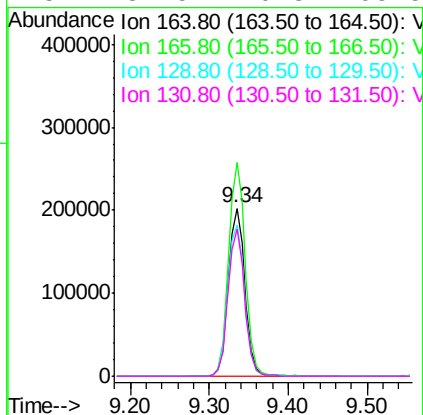
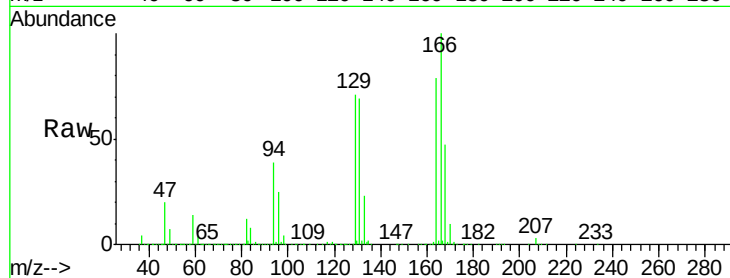
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	295371		
166	127.3	104.2	156.2	
129	90.3	72.6	108.8	
131	87.5	70.3	105.5	

Manual Integrations
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12/17/2018 12:12:56 PM



#65

Chlorobenzene

Concen: 52.359 ug/l

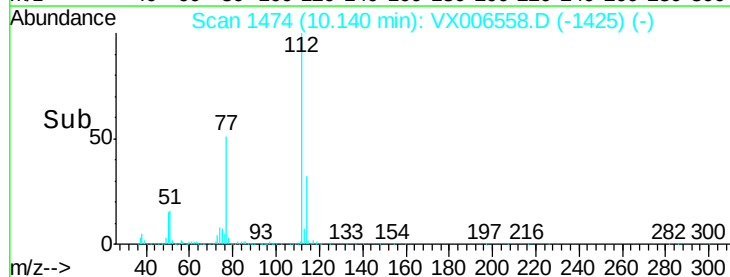
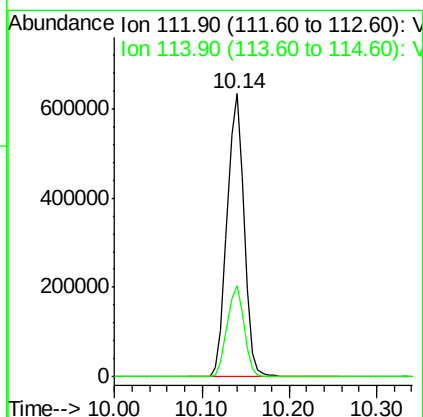
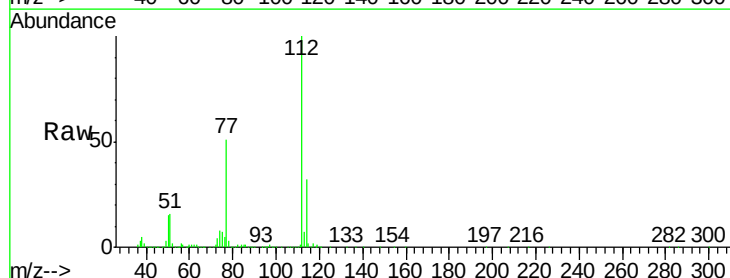
RT: 10.14 min Scan# 1474

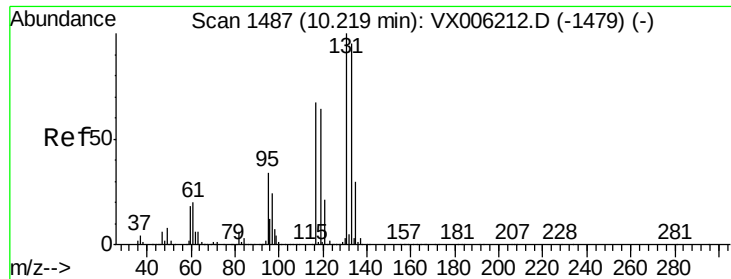
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	857129		
114	32.3	25.4	38.2	





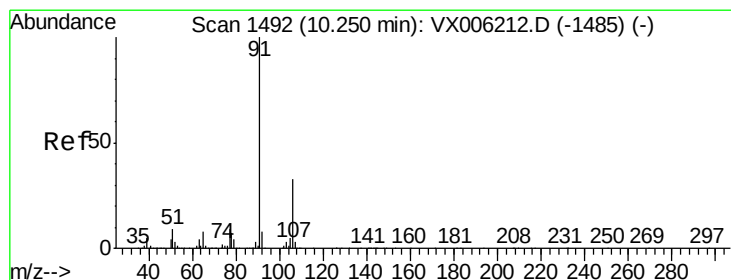
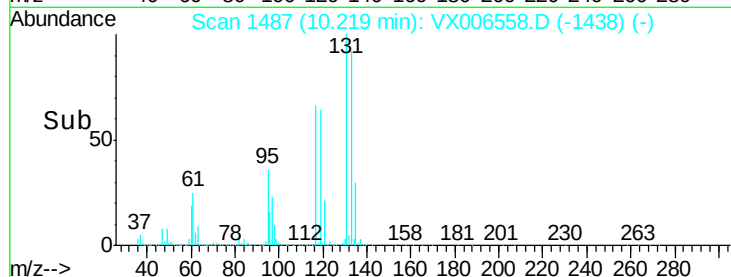
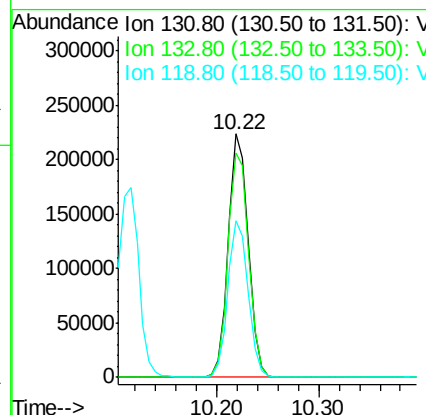
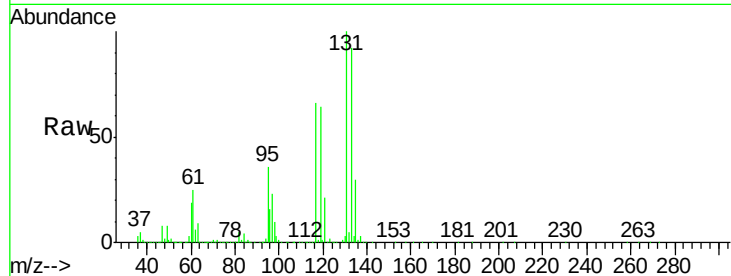
#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.873 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.1	144.4
119	64.9	32.1	96.3

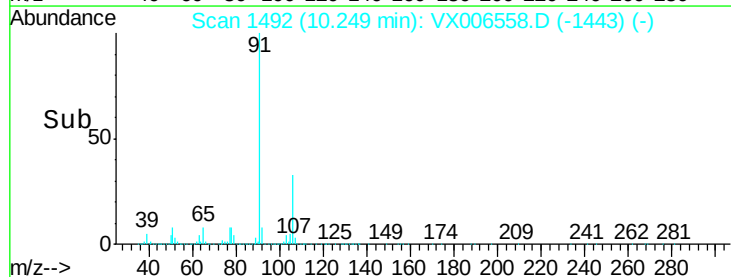
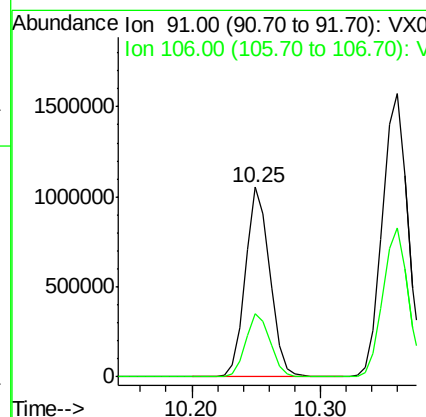
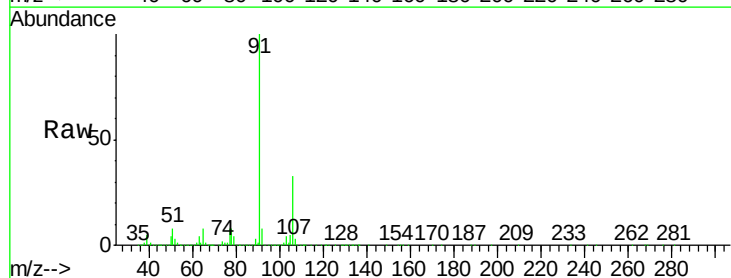
Manual Integrations
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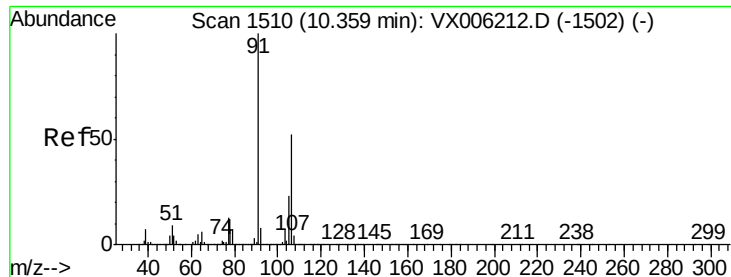
MMDadoda
 12/17/2018 12:12:56 PM



#67
 Ethyl Benzene
 Concen: 50.714 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.2	26.5	39.7





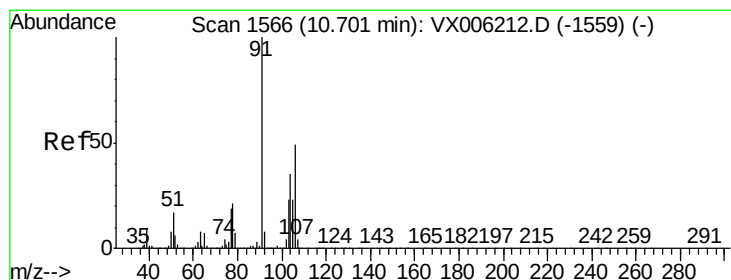
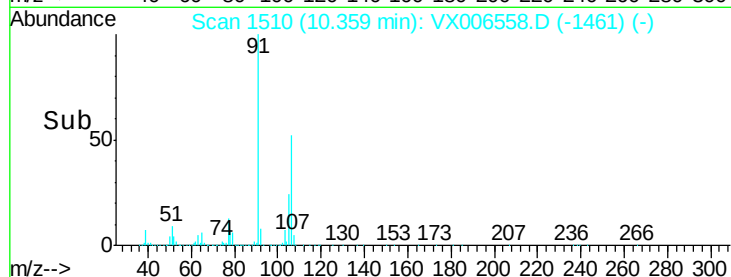
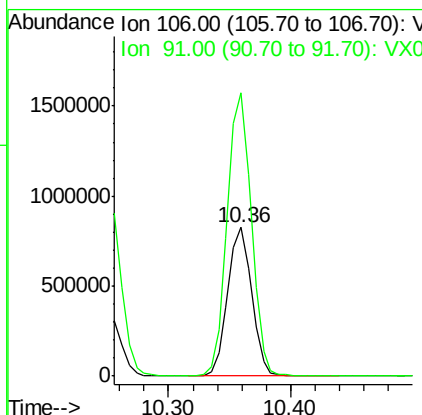
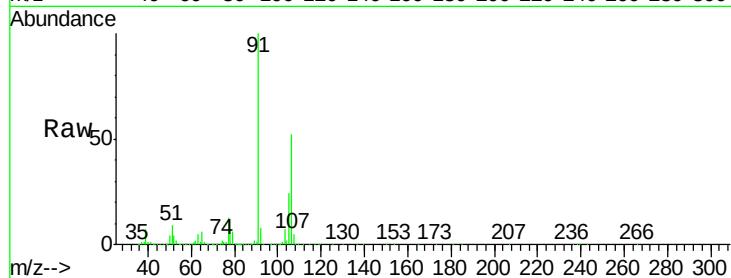
#68
m/p-Xylenes
Concen: 102.345 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion:106 Resp: 1116194
Ion Ratio Lower Upper
106 100
91 192.2 155.2 232.8

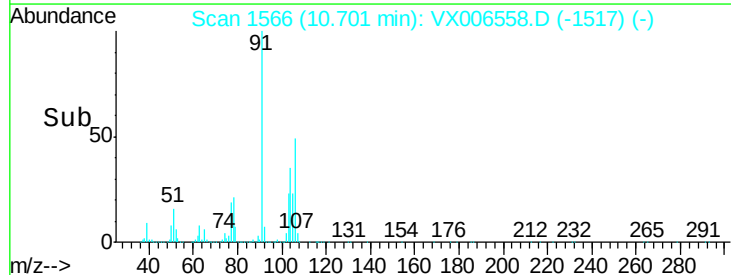
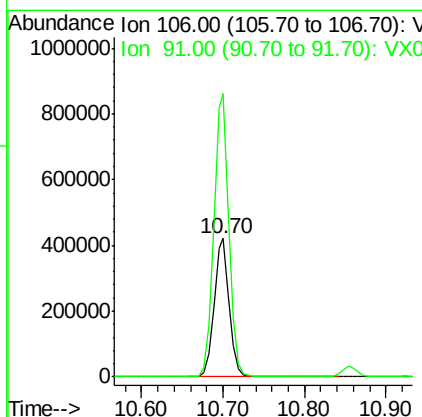
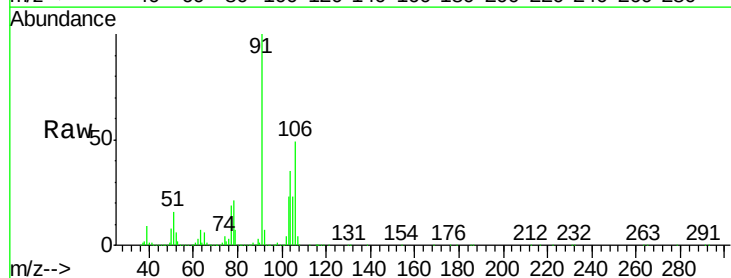
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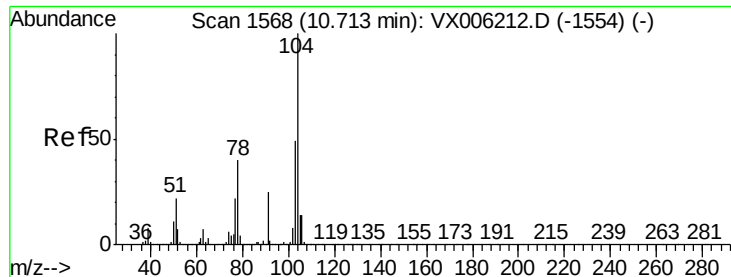
MMDadoda
12/17/2018 12:12:56 PM



#69
o-Xylene
Concen: 50.980 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion:106 Resp: 549191
Ion Ratio Lower Upper
106 100
91 206.1 101.8 305.6





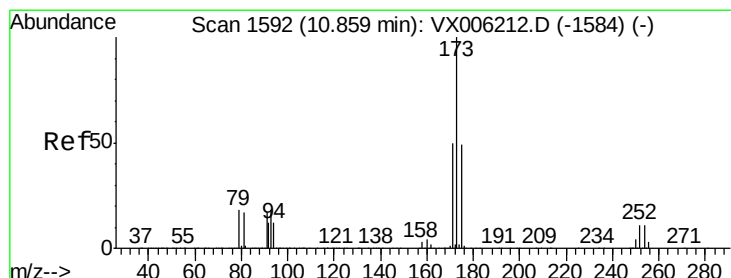
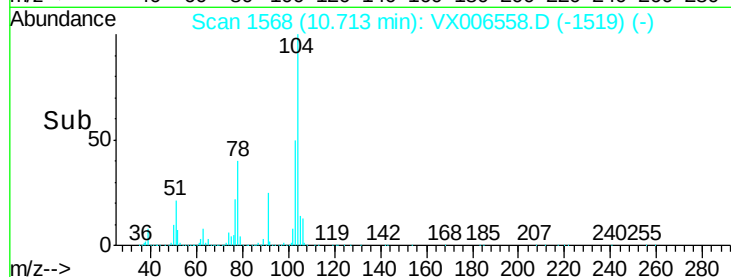
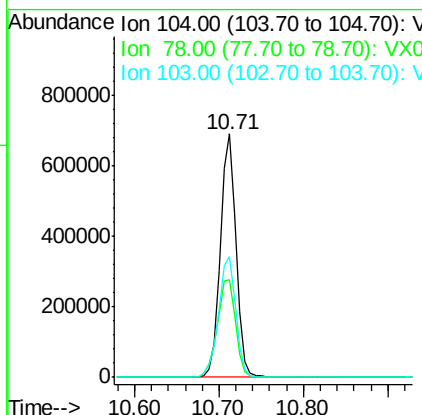
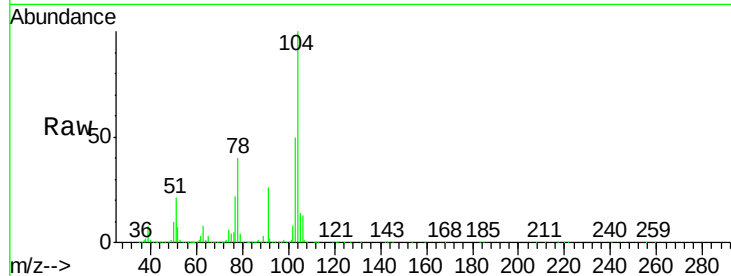
#70
Styrene
Concen: 51.327 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	894295		
78	46.9	37.2	55.8	
103	55.1	43.5	65.3	

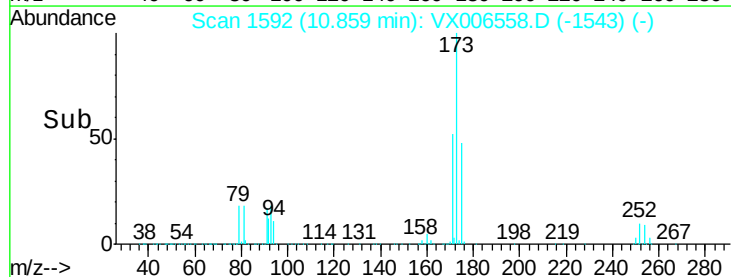
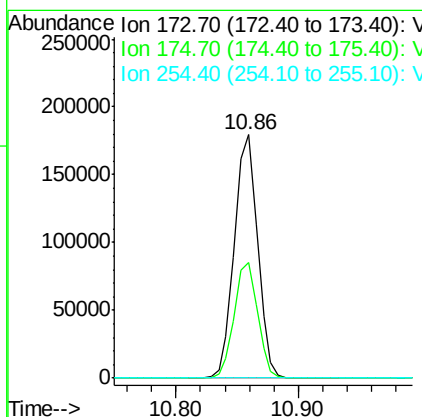
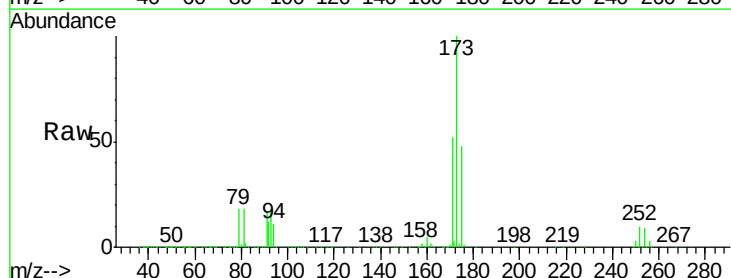
Manual Integrations
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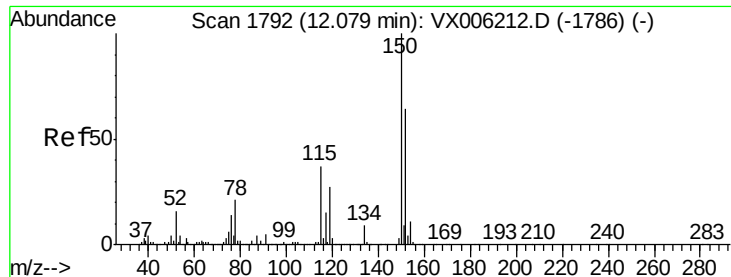
MMDadoda
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#71
Bromoform
Concen: 39.171 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	235184		
175	48.1	24.6	73.8	
254	0.1	0.2	0.2#	





#72

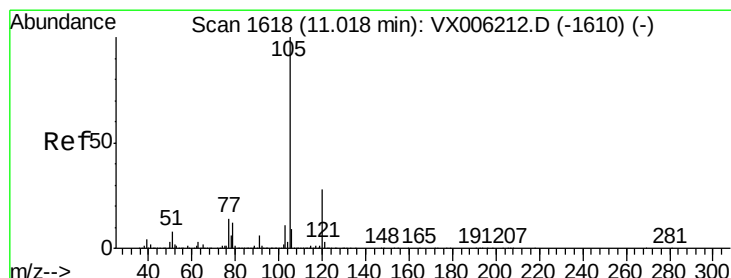
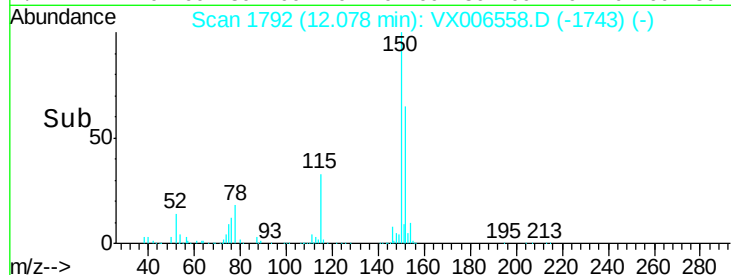
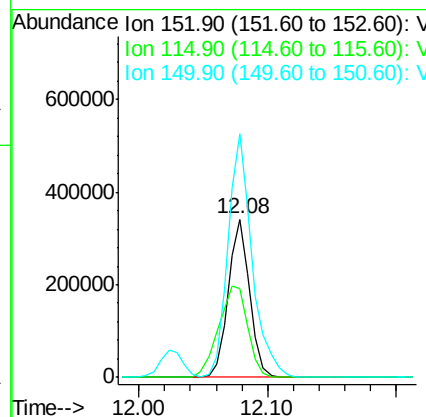
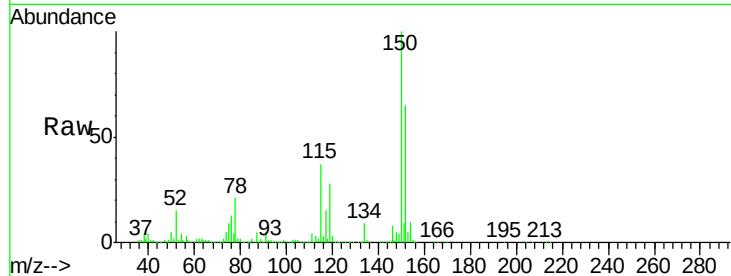
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		398738		
115	78.9	39.0	116.9		
150	173.1	0.0	345.8		

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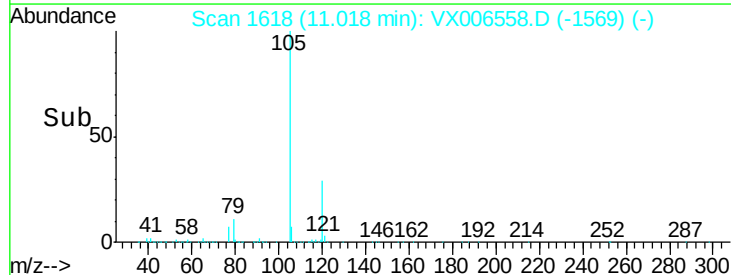
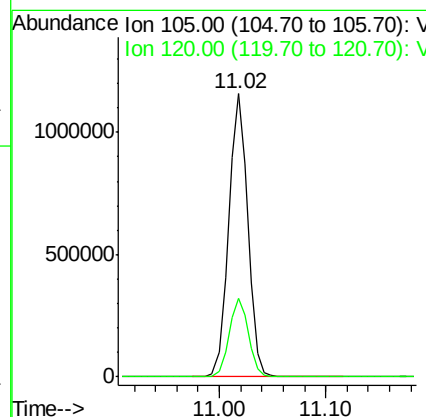
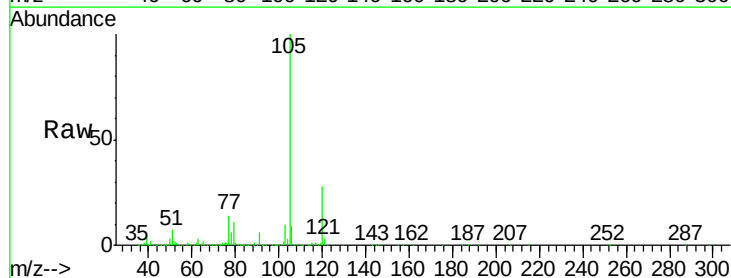
MMDadoda
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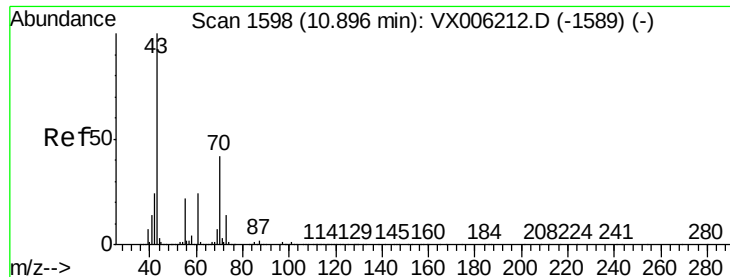


#73

Isopropylbenzene
Concen: 52.780 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		1453371		
120	28.0	14.1	42.3		





#74

N-ethyl acetate

Concen: 40.289 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

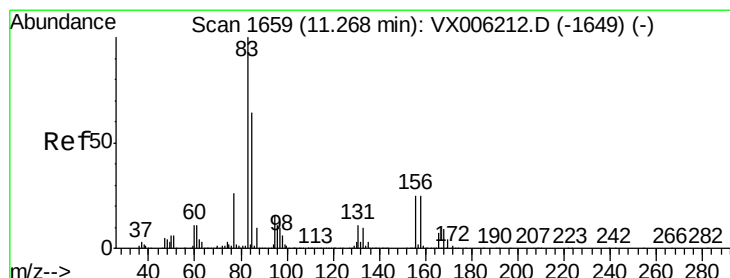
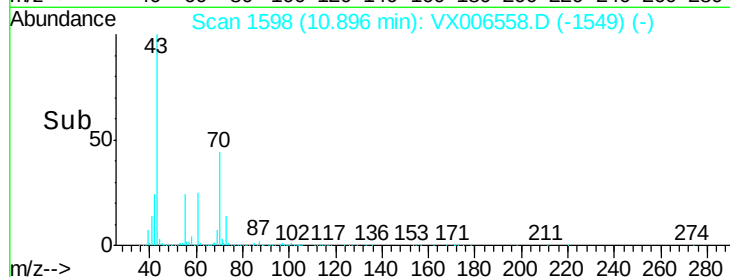
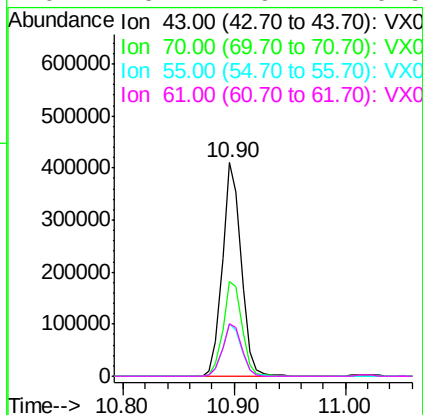
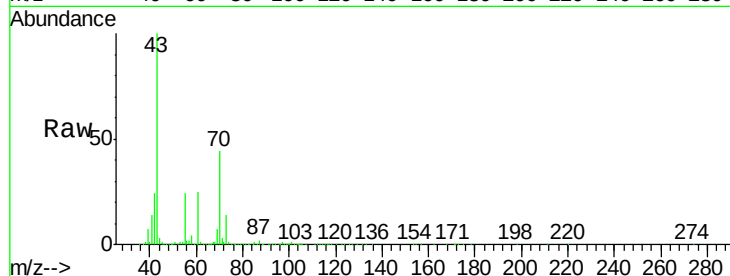
ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.2	34.1	51.1
55	24.3	17.8	26.8
61	25.1	19.7	29.5

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.111 ug/l

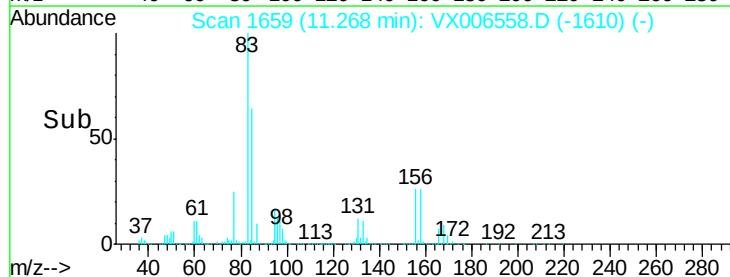
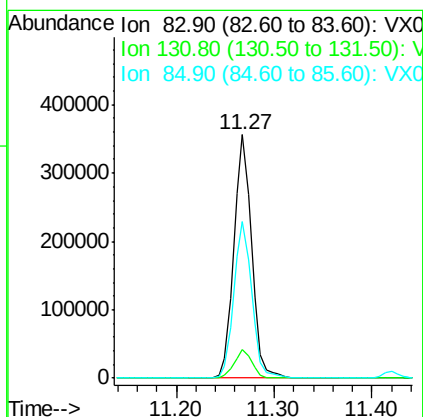
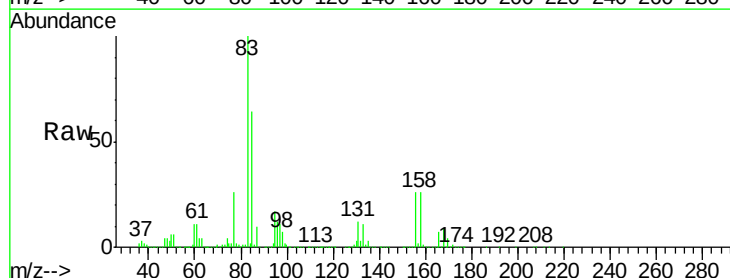
RT: 11.27 min Scan# 1659

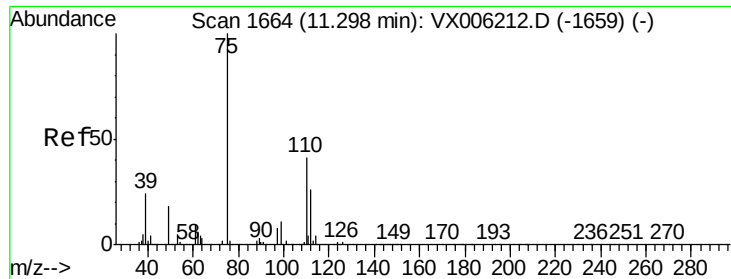
Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.7	17.1
85	64.7	32.1	96.5





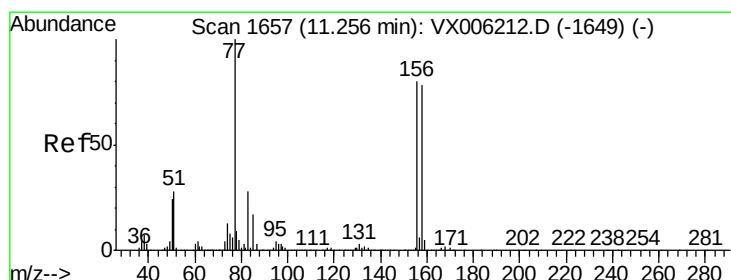
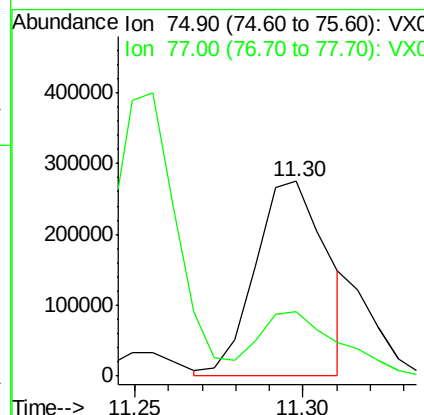
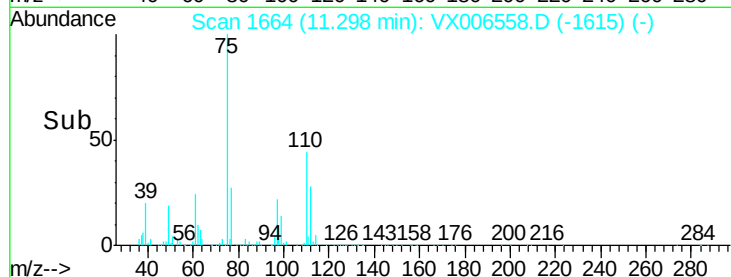
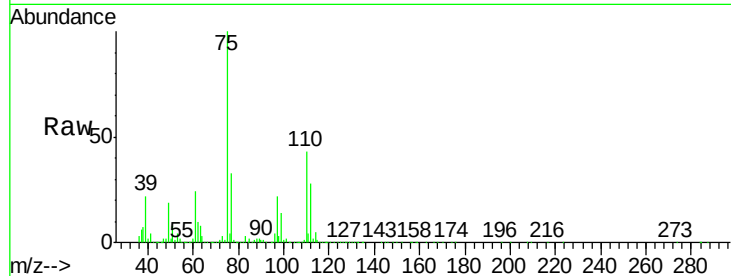
#76
1,2,3-Trichloropropane
Concen: 52.900 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion: 75 Resp: 407135
Ion Ratio Lower Upper
75 100
77 37.2 19.9 59.7

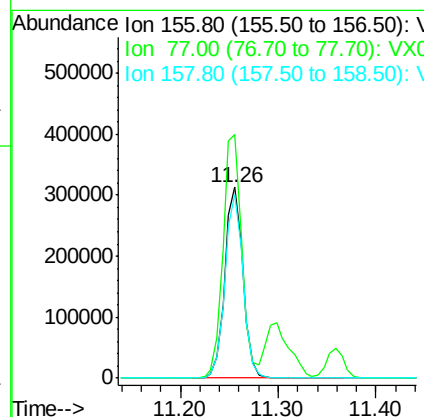
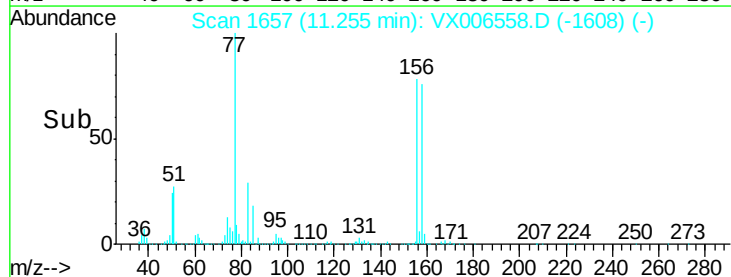
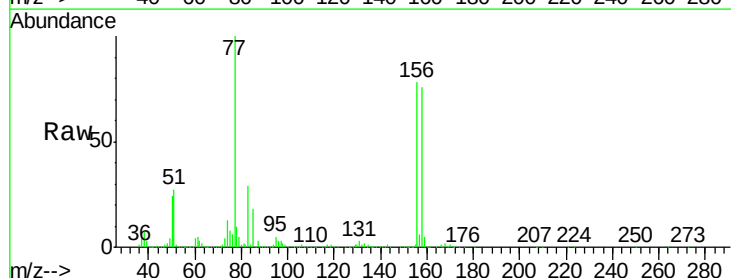
Manual Integrations
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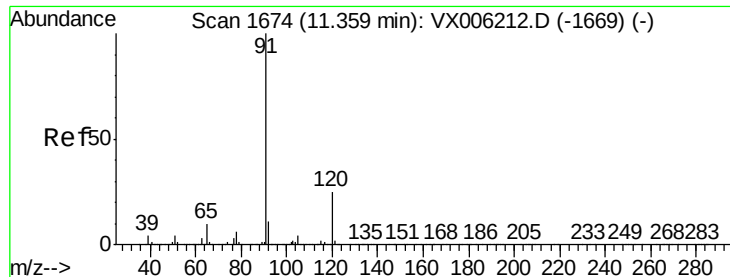
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12/17/2018 12:12:56 PM



#77
Bromobenzene
Concen: 52.551 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion: 156 Resp: 401586
Ion Ratio Lower Upper
156 100
77 132.6 66.2 198.6
158 95.9 48.8 146.4





#78

n-propylbenzene

Concen: 51.654 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 91 Resp: 1581088

Ion Ratio Lower Upper

91 100

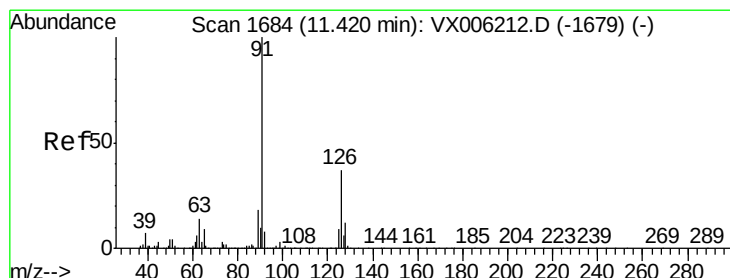
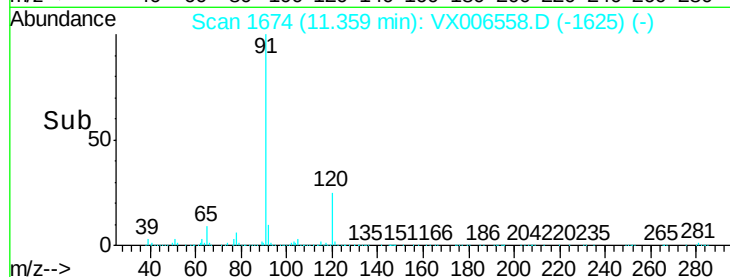
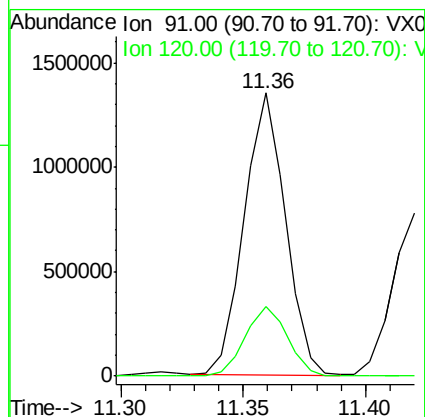
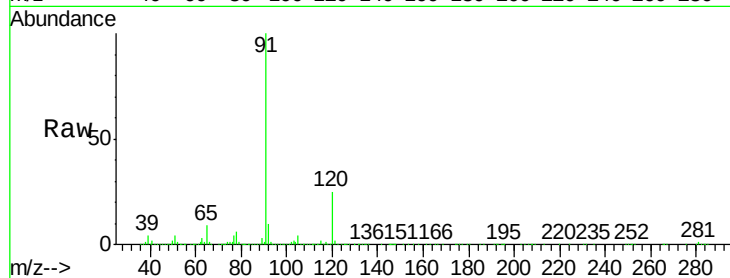
120 25.5 12.7 38.0

Manual Integrations

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#79

2-Chlorotoluene

Concen: 51.986 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006558.D

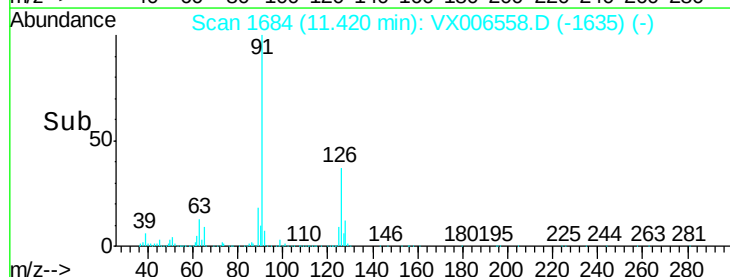
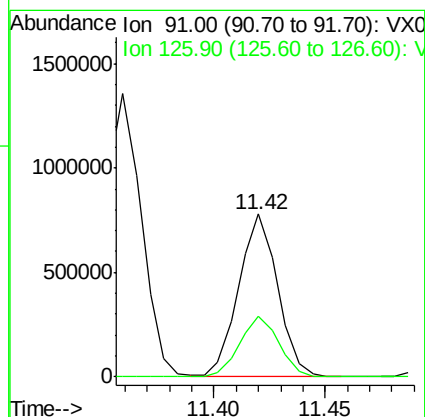
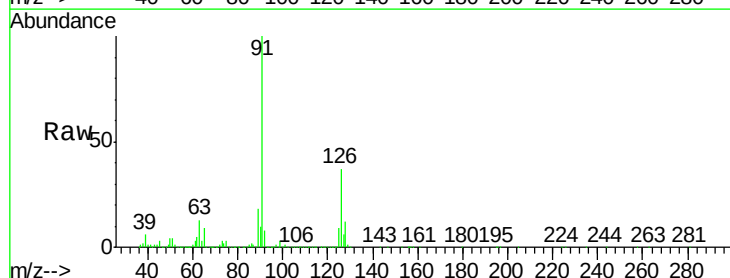
Acq: 15 Dec 2018 11:27

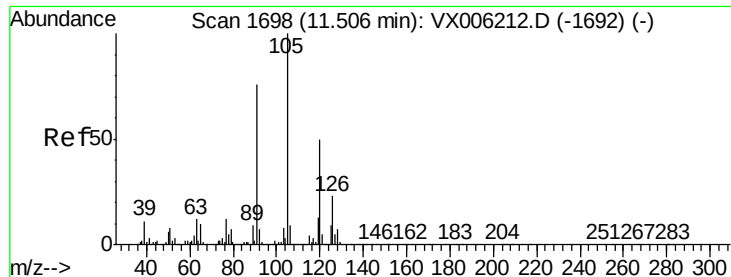
Tgt Ion: 91 Resp: 945771

Ion Ratio Lower Upper

91 100

126 37.9 18.6 56.0





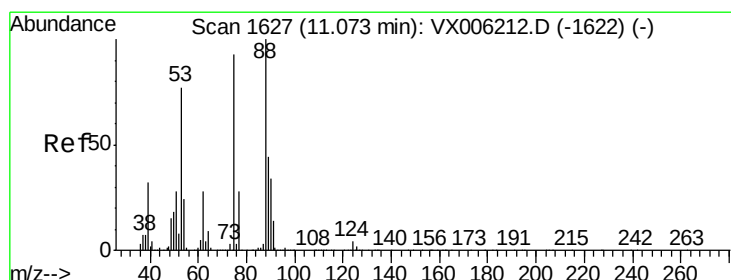
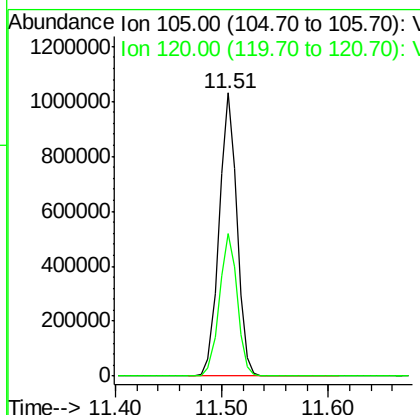
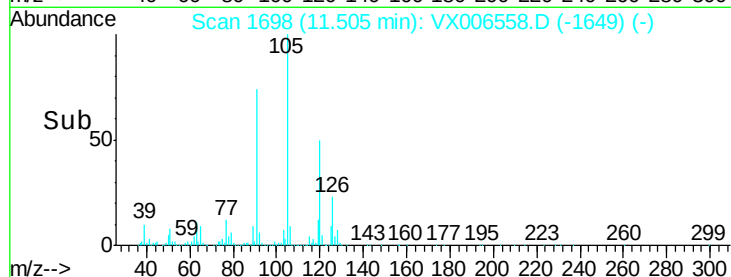
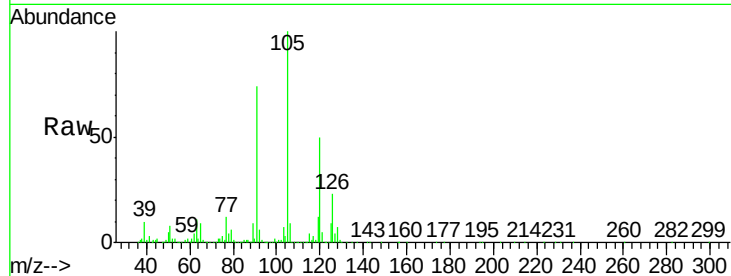
#80
 1,3,5-Trimethylbenzene
 Concen: 52.228 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion: 105 Resp: 1196604
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.0

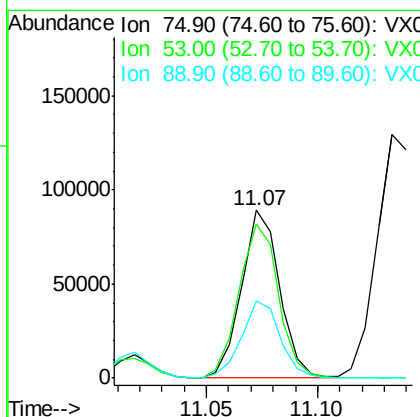
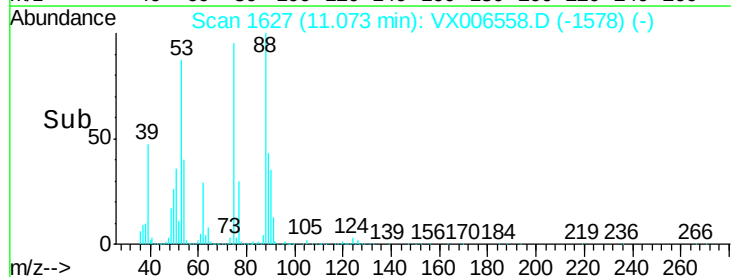
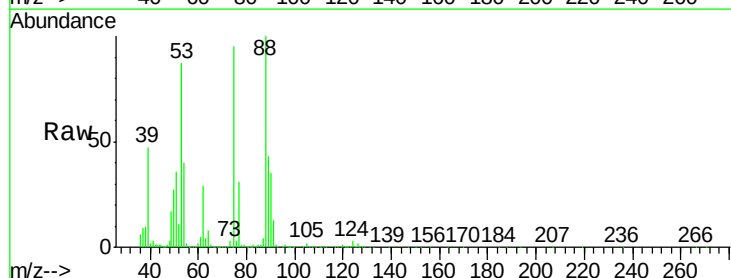
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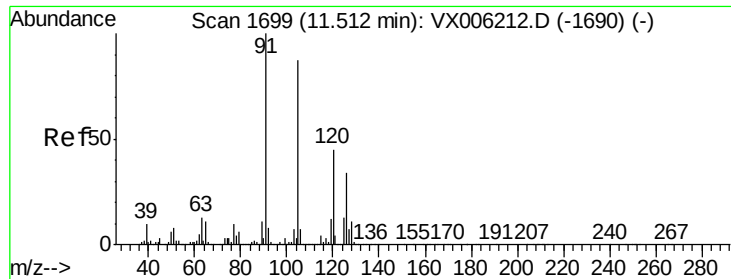
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 32.446 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion: 75 Resp: 106408
 Ion Ratio Lower Upper
 75 100
 53 94.9 64.4 96.6
 89 47.3 44.2 66.4





#82

4-Chlorotoluene

Concen: 51.475 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion: 91 Resp: 1088811

Ion Ratio Lower Upper

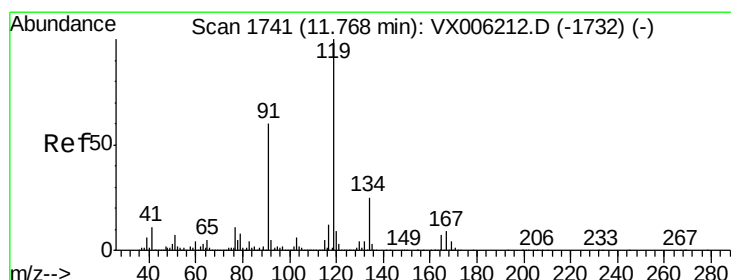
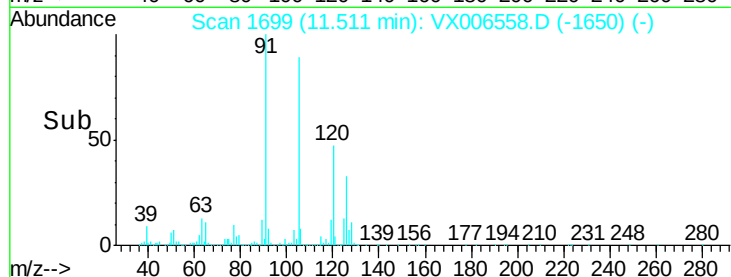
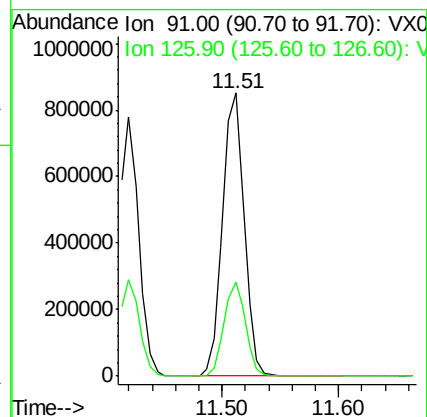
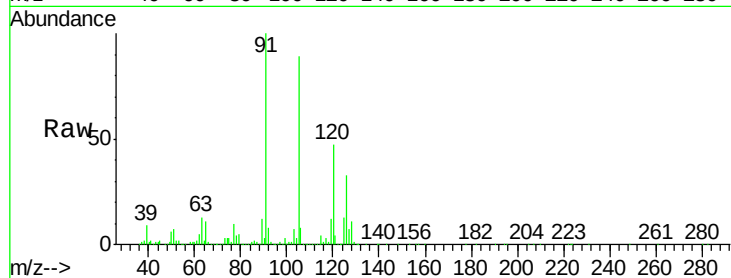
91 100

126 32.9 16.4 49.4

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#83

tert-Butylbenzene

Concen: 51.248 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

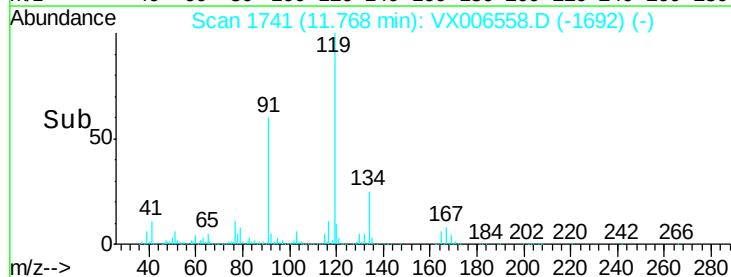
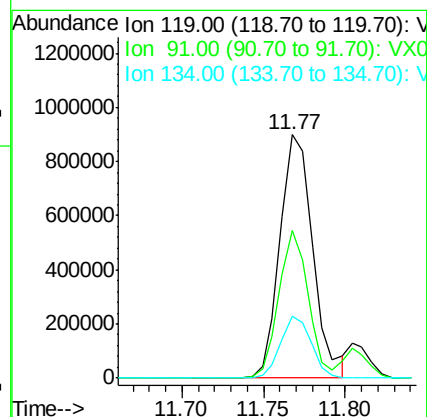
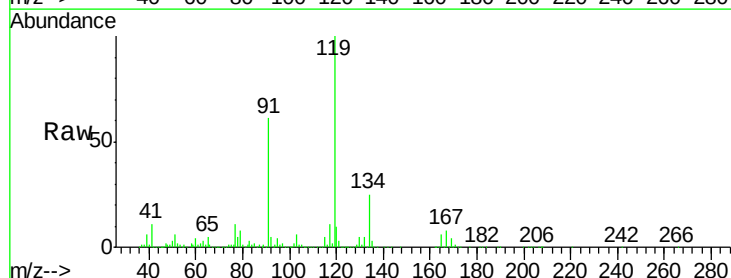
Tgt Ion: 119 Resp: 1252756

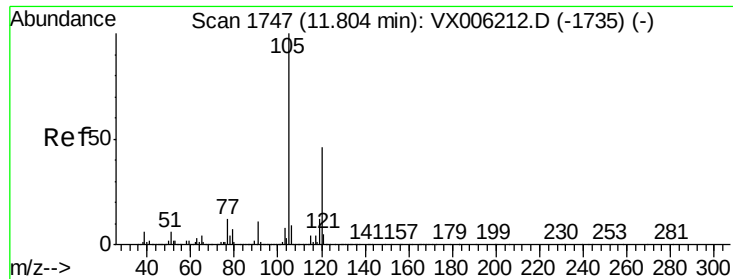
Ion Ratio Lower Upper

119 100

91 54.0 26.4 79.2

134 23.9 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 51.929 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006558.D

Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04_121218MSD

Tgt Ion:105 Resp: 1228516

Ion Ratio Lower Upper

105 100

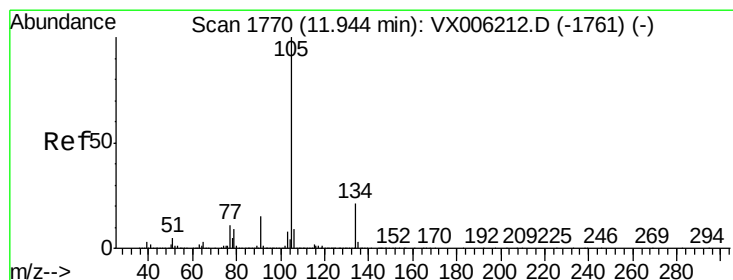
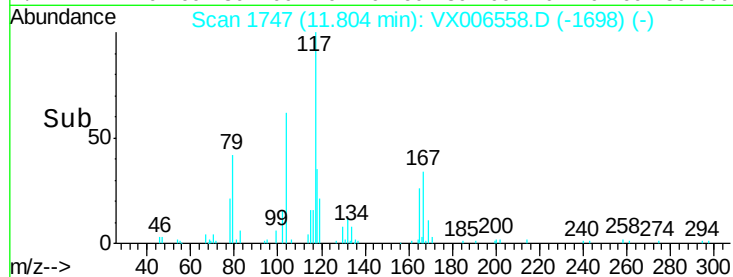
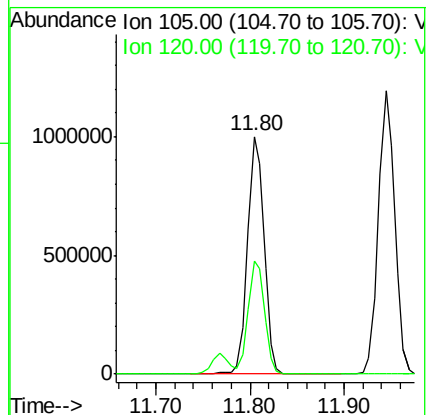
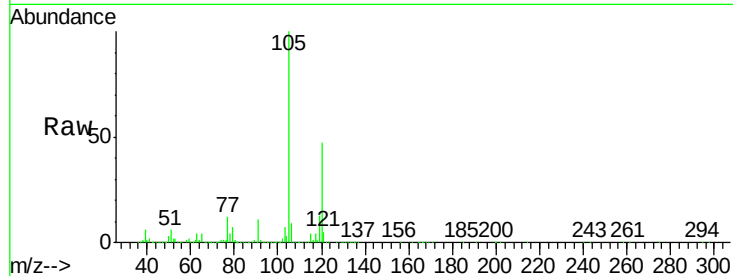
120 46.8 23.4 70.0

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#85

sec-Butylbenzene

Concen: 51.838 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006558.D

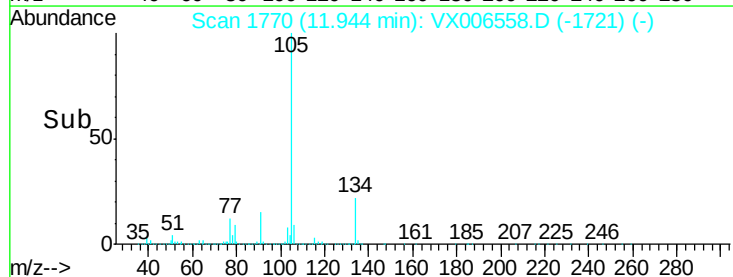
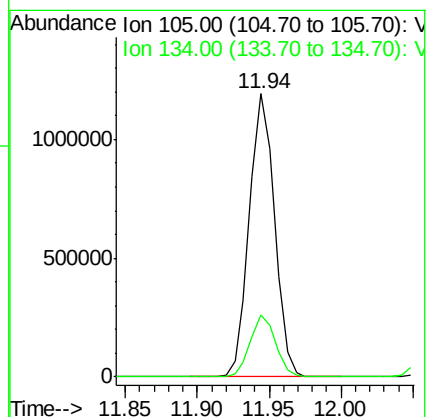
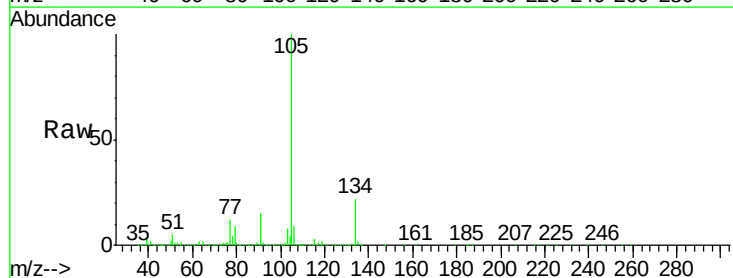
Acq: 15 Dec 2018 11:27

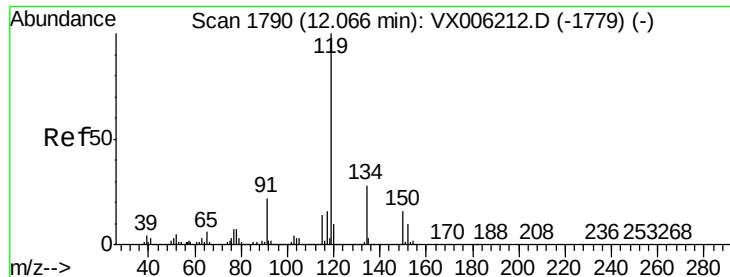
Tgt Ion:105 Resp: 1441609

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4





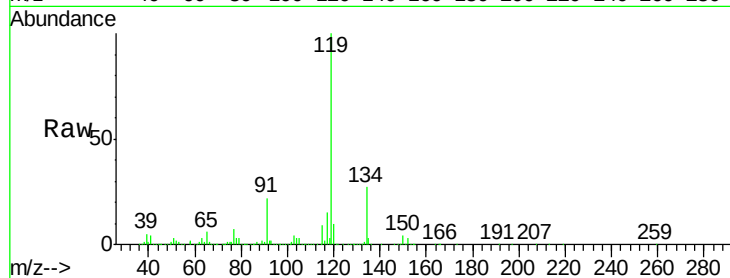
#86
p-Isopropyltoluene
Concen: 51.593 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.01 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

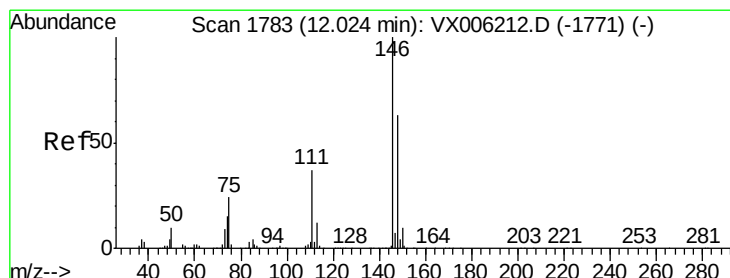
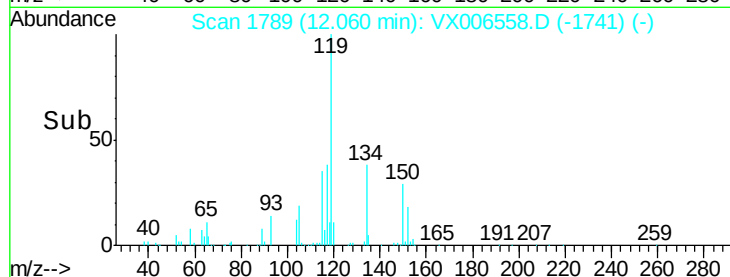
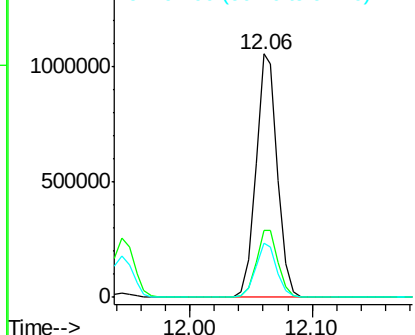
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.9	41.6
91	22.1	11.3	33.8

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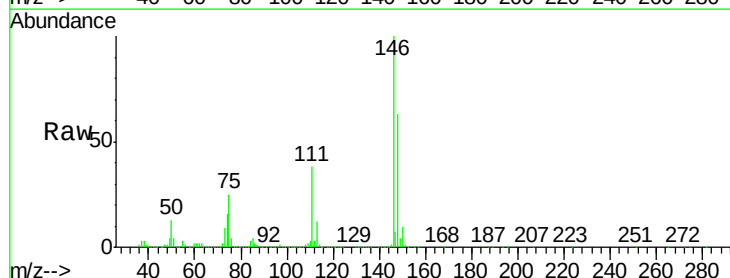


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

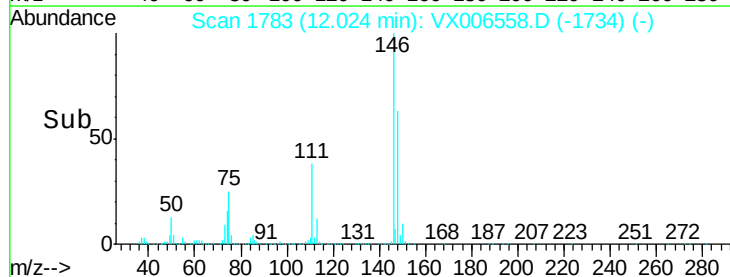
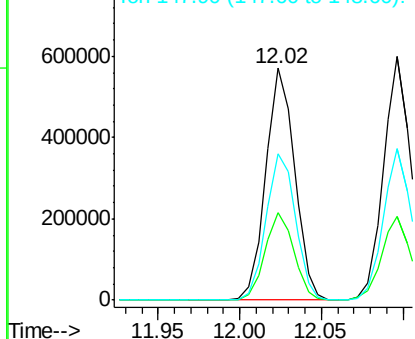


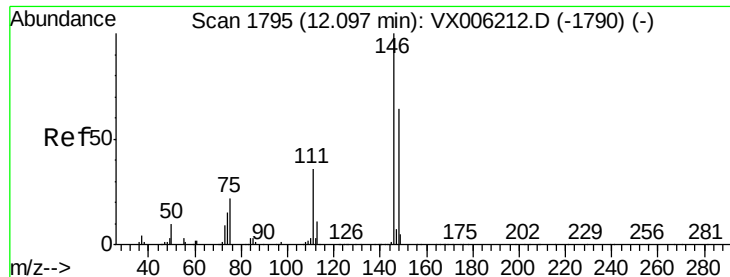
#87
1,3-Dichlorobenzene
Concen: 51.330 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	64.3	32.0	96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





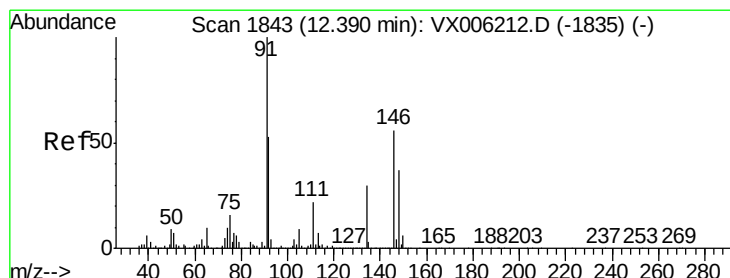
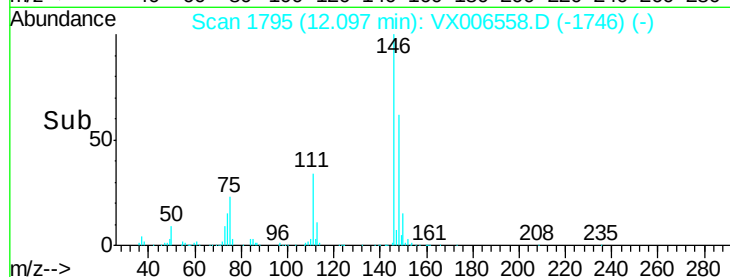
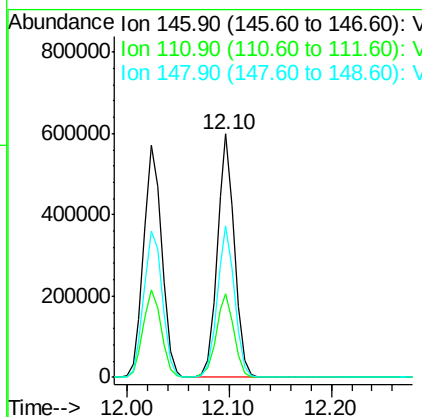
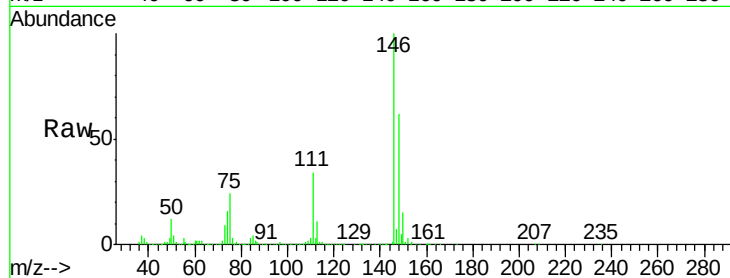
#88
 1,4-Dichlorobenzene
 Concen: 51.196 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.3	54.8
148	63.2	31.9	95.9

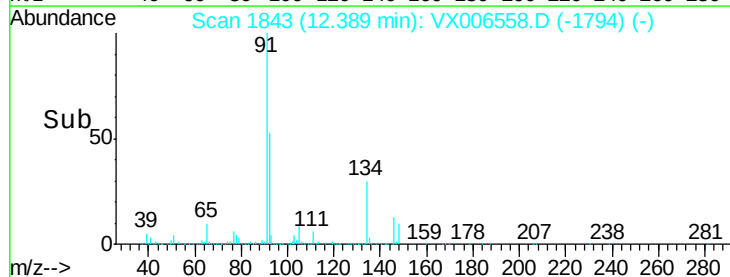
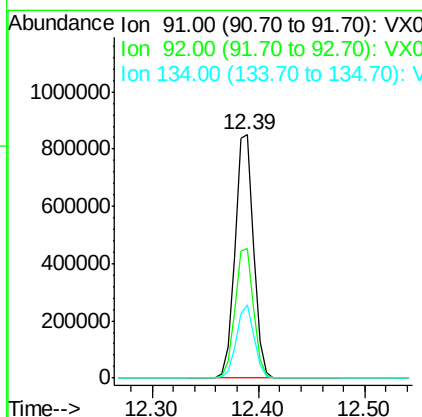
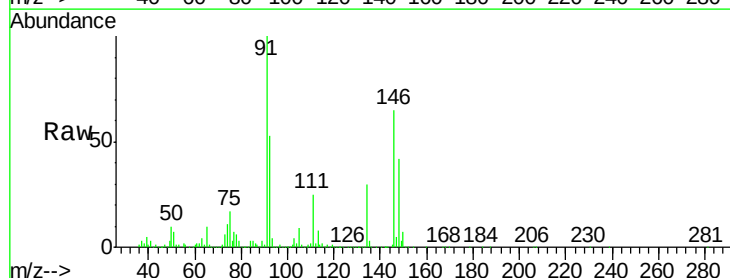
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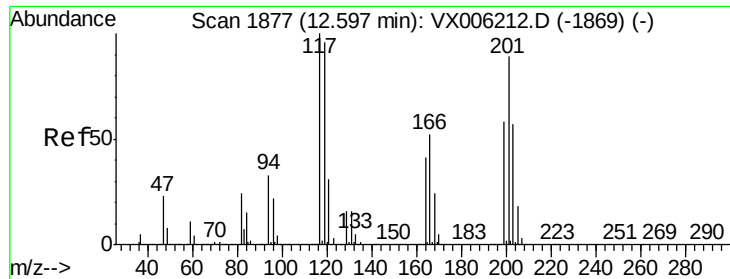
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#89
 n-Butylbenzene
 Concen: 48.540 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	29.2	14.8	44.3





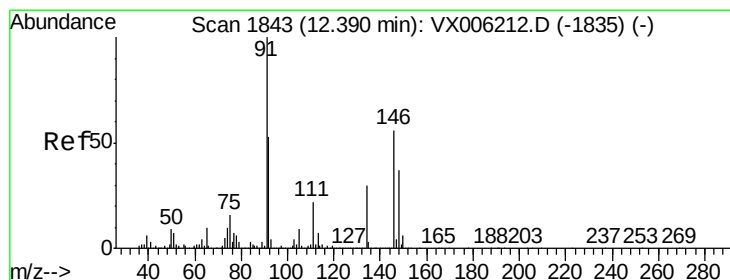
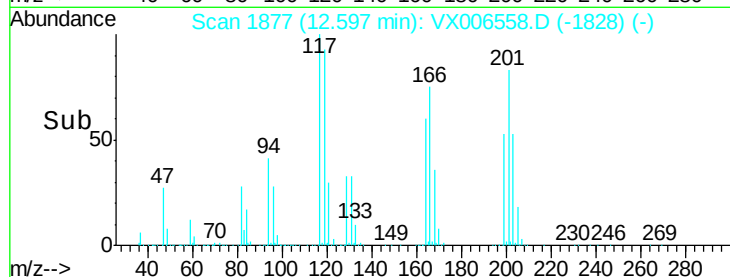
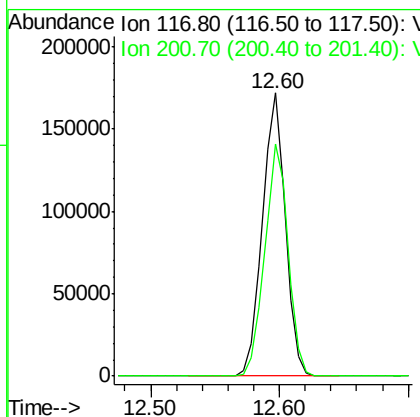
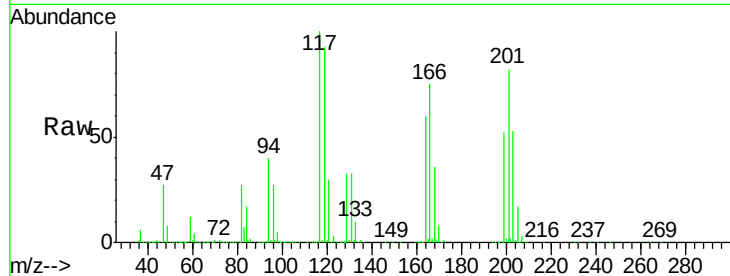
#90
Hexachloroethane
Concen: 41.394 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04_121218MSD

Tgt Ion:117 Resp: 211266
Ion Ratio Lower Upper
117 100
201 83.7 44.7 134.1

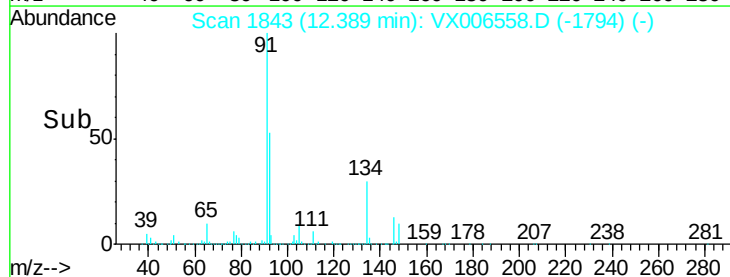
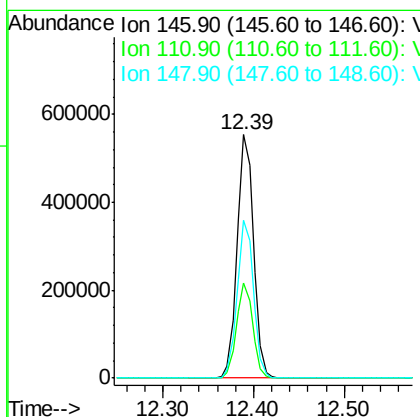
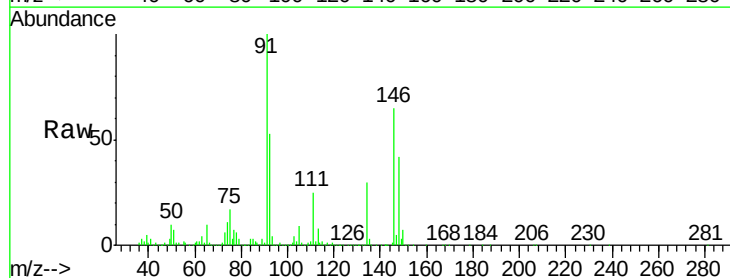
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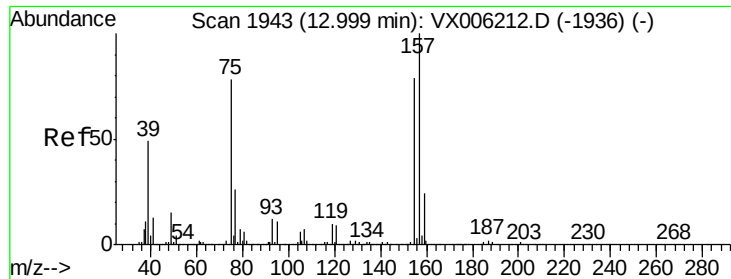
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#91
1,2-Dichlorobenzene
Concen: 51.546 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006558.D
Acq: 15 Dec 2018 11:27

Tgt Ion:146 Resp: 695614
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.3
148 64.2 32.1 96.3





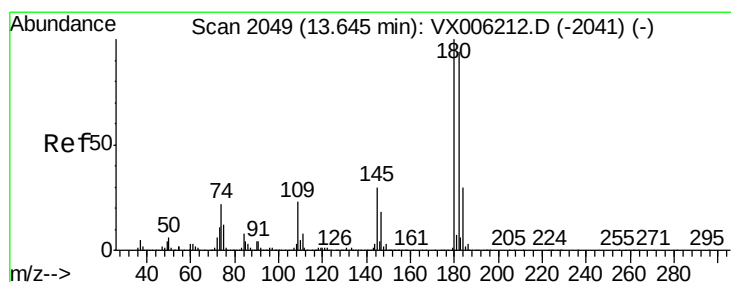
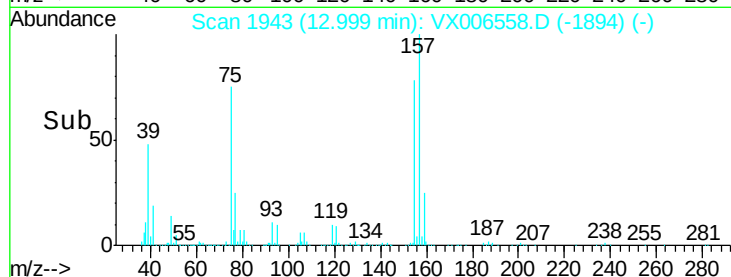
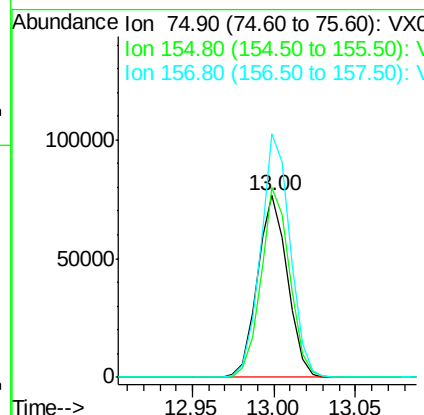
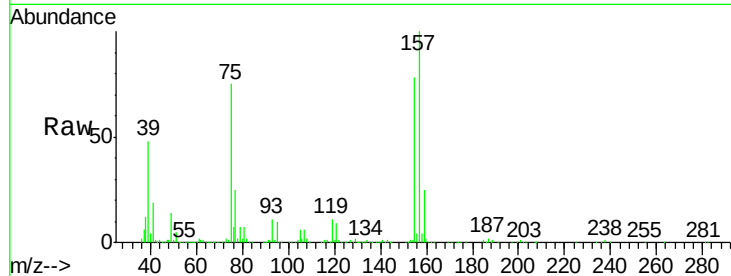
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.244 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion: 75 Resp: 97656
 Ion Ratio Lower Upper
 75 100
 155 99.7 53.4 160.3
 157 131.7 68.0 203.8

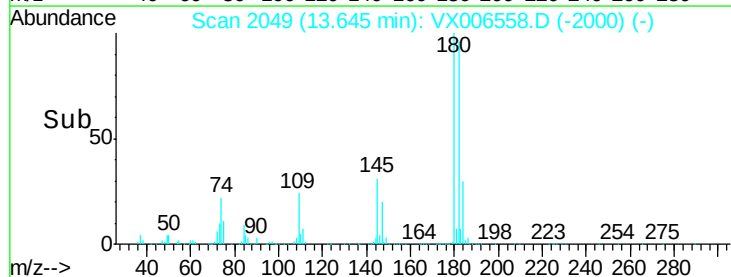
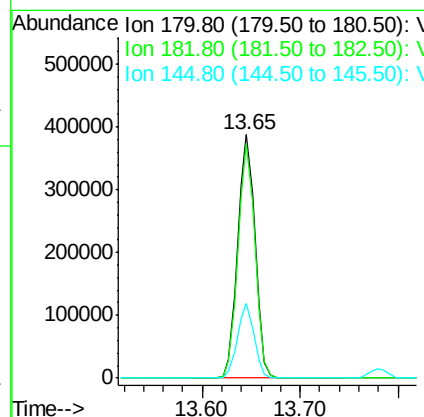
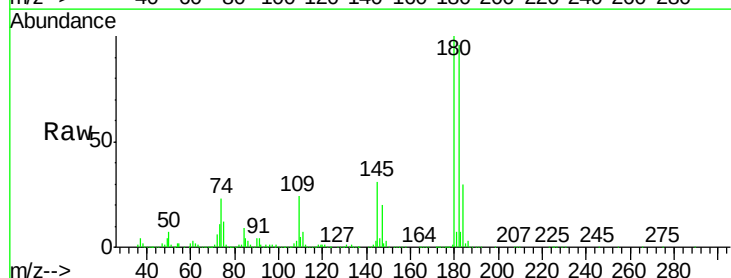
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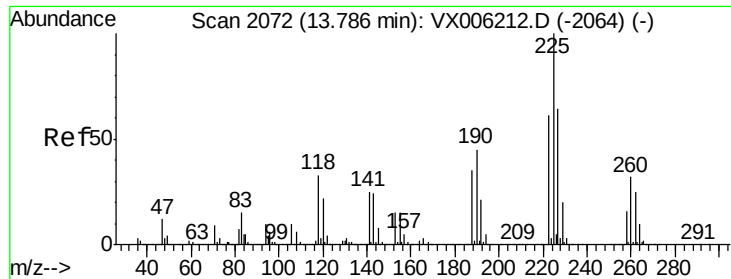
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.435 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Tgt Ion: 180 Resp: 476870
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 141.9
 145 29.7 14.6 43.8





#94

Hexachlorobutadiene

Concen: 47.126 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006558.D

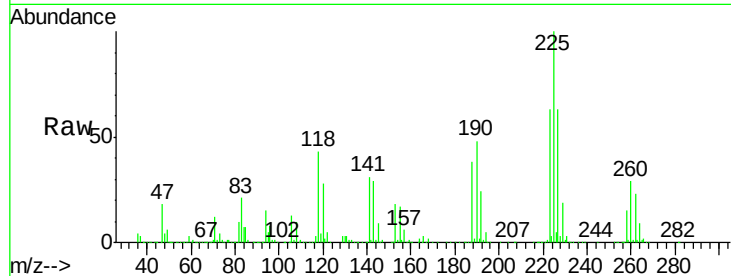
Acq: 15 Dec 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

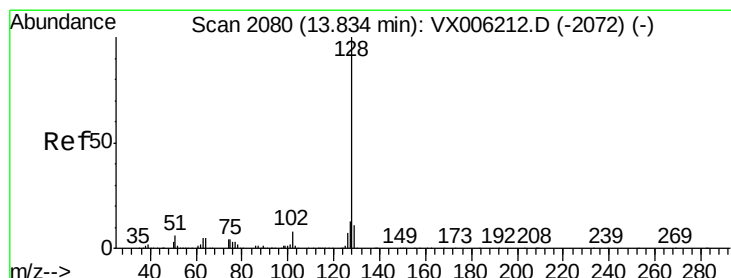
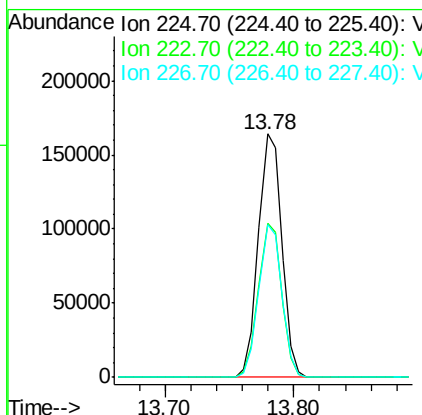
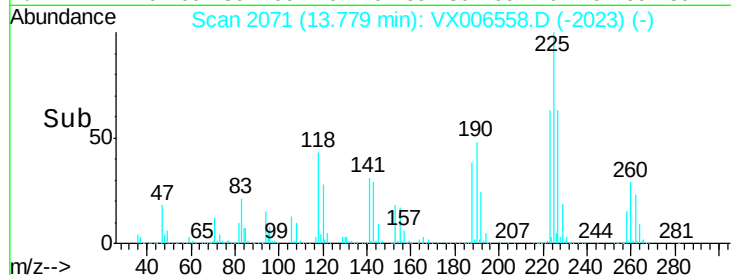
PR-MW-04_121218MSD



Tgt Ion	Ratio	Resp	Lower	Upper
225	100	205191		
223	62.6	31.2	93.6	
227	61.8	31.9	95.5	

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#95

Naphthalene

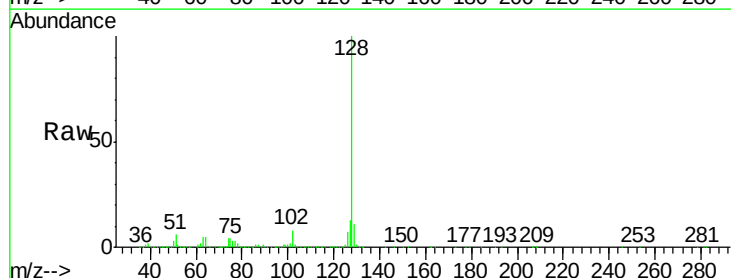
Concen: 52.298 ug/l

RT: 13.83 min Scan# 2080

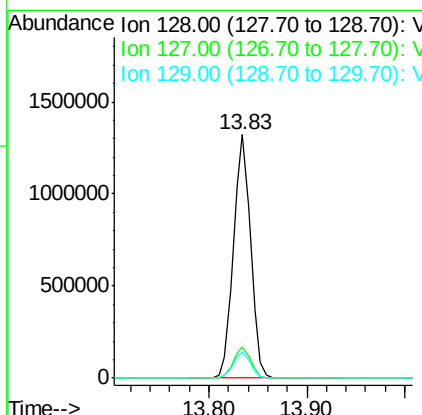
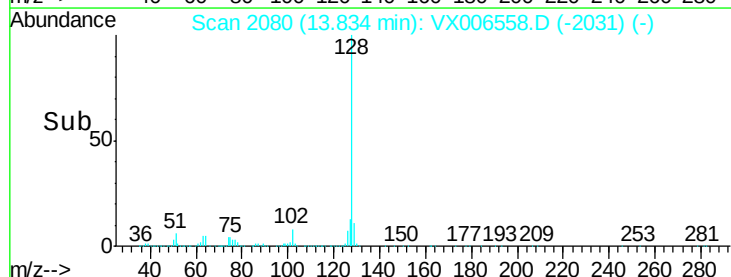
Delta R.T. -0.00 min

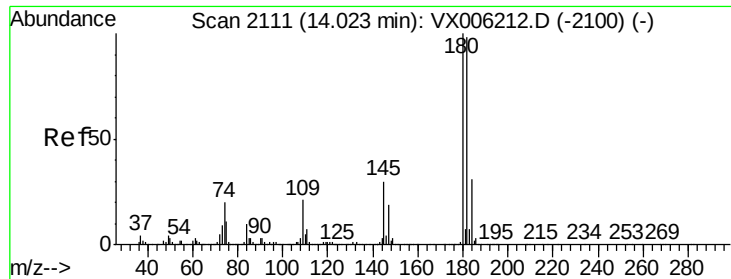
Lab File: VX006558.D

Acq: 15 Dec 2018 11:27



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1601664		
127	13.0	10.2	15.4	
129	10.9	8.9	13.3	





#96
 1,2,3-Trichlorobenzene
 Concen: 50.085 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006558.D
 Acq: 15 Dec 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04_121218MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	48.4	145.2
145	31.5	15.6	46.8

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:56 PM

