

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006156.D
 Acq On : 22 Nov 2018 06:43
 Operator : JC/MD
 Sample : J6047-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:02 AM

Quant Time: Nov 22 07:27:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220742	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172203	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	5.50	113	141937	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	8.71	98	539675	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	197825	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101384	48.898	ug/l	99
3) Chloromethane	1.32	50	129414	49.410	ug/l	99
4) Vinyl Chloride	1.41	62	132577	49.764	ug/l	97
5) Bromomethane	1.64	94	96941	47.511	ug/l	98
6) Chloroethane	1.72	64	80151	62.510	ug/l	99
7) Trichlorofluoromethane	1.93	101	177100	50.815	ug/l	98
8) Diethyl Ether	2.19	74	72852	49.450	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99598	48.194	ug/l	98
10) Methyl Iodide	2.51	142	126776	48.929	ug/l	99
11) Tert butyl alcohol	3.07	59	151766	220.668	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101432	50.347	ug/l	98
13) Acrolein	2.29	56	93283	226.665	ug/l	100
14) Allyl chloride	2.73	41	200875	48.735	ug/l	99
15) Acrylonitrile	3.15	53	362036	238.324	ug/l	99
16) Acetone	2.45	43	337026	234.918	ug/l	98
17) Carbon Disulfide	2.57	76	290887	53.473	ug/l	99
18) Methyl Acetate	2.78	43	166908	45.367	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	360113	51.712	ug/l	99
20) Methylene Chloride	2.85	84	115820	53.361	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	106253	50.407	ug/l	94
22) Diisopropyl ether	3.87	45	475383	53.876	ug/l	97
23) Vinyl Acetate	3.82	43	1771500	241.997	ug/l	100
24) 1,1-Dichloroethane	3.70	63	211004	50.759	ug/l	98
25) 2-Butanone	4.70	43	629328	236.331	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131691	38.437	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	148334	50.349	ug/l	99
28) Bromochloromethane	5.02	49	129245	53.346	ug/l	100
29) Tetrahydrofuran	5.15	42	410090	246.869	ug/l	99
30) Chloroform	5.21	83	253796	50.381	ug/l	99
31) Cyclohexane	5.57	56	215055	49.527	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	215316	52.935	ug/l	99
36) 1,1-Dichloropropene	5.80	75	183224	48.330	ug/l	99
37) Ethyl Acetate	4.85	43	210047	43.064	ug/l	99
38) Carbon Tetrachloride	5.78	117	185839	52.152	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	204005	47.234	ug/l	99
40) Benzene	6.14	78	558742	50.025	ug/l	98
41) Methacrylonitrile	5.06	41	130020	48.371	ug/l	99
42) 1,2-Dichloroethane	6.20	62	206346	49.415	ug/l	100
43) Isopropyl Acetate	6.46	43	332990	47.273	ug/l	100
44) Trichloroethene	7.21	130	154119	49.646	ug/l	95
45) 1,2-Dichloropropane	7.52	63	150951	51.067	ug/l	100
46) Dibromomethane	7.66	93	101156	49.970	ug/l	99
47) Bromodichloromethane	7.90	83	193069	51.567	ug/l	99
48) Methyl methacrylate	7.77	41	191229	53.529	ug/l	99
49) 1,4-Dioxane	7.75	88	68759	811.269	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1275524	252.589	ug/l	100
52) Toluene	8.79	92	358273	51.859	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	197456	50.539	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	210551	48.749	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	151528	50.644	ug/l	97
56) Ethyl methacrylate	9.18	69	222842	47.953	ug/l	99
57) 1,3-Dichloropropane	9.37	76	248021	50.291	ug/l	100
59) 2-Hexanone	9.49	43	995163	248.320	ug/l	100
60) Dibromochloromethane	9.59	129	155381	52.970	ug/l	99
61) 1,2-Dibromoethane	9.67	107	157128	50.976	ug/l	100
64) Tetrachloroethene	9.34	164	155643	47.516	ug/l	98
65) Chlorobenzene	10.14	112	408640	50.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	146335	52.206	ug/l	99
67) Ethyl Benzene	10.25	91	692091	51.771	ug/l	99
68) m/p-Xylenes	10.36	106	542612	104.237	ug/l	99
69) o-Xylene	10.70	106	259344	52.157	ug/l	99
70) Stvrene	10.71	104	434587	53.603	ug/l	100
71) Bromoform	10.86	173	126519	50.425	ug/l	99
73) Isopropylbenzene	11.02	105	703177	52.648	ug/l	99
74) N-amyl acetate	10.90	43	290042	42.927	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	246439	48.961	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	229639m	50.530	ug/l	
77) Bromobenzene	11.26	156	188987	50.511	ug/l	99
78) n-propylbenzene	11.36	91	811442	52.168	ug/l	100
79) 2-Chlorotoluene	11.42	91	482237	51.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	592138	52.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62107	46.222	ug/l	98
82) 4-Chlorotoluene	11.51	91	569581	51.867	ug/l	99
83) tert-Butylbenzene	11.77	119	587259	53.420	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	609780	53.086	ug/l	100
85) sec-Butylbenzene	11.94	105	705182	52.443	ug/l	99
86) p-Isopropyltoluene	12.07	119	629876	52.539	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343742	49.827	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	347621	48.608	ug/l	99
89) n-Butylbenzene	12.39	91	537089	49.480	ug/l	100
90) Hexachloroethane	12.60	117	101390	52.996	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	349775	49.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57081	48.873	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	246019	49.516	ug/l	99

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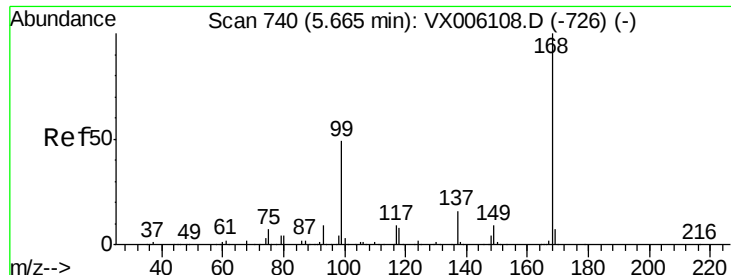
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	112971	46.654	ug/l	99
95) Naphthalene	13.83	128	781097	53.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	255154	50.373	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion:168 Resp: 279012

Ion Ratio Lower Upper

168 100

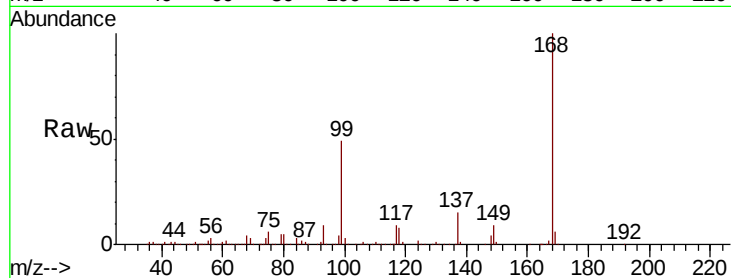
99 49.1 39.2 58.8

Manual Integrations

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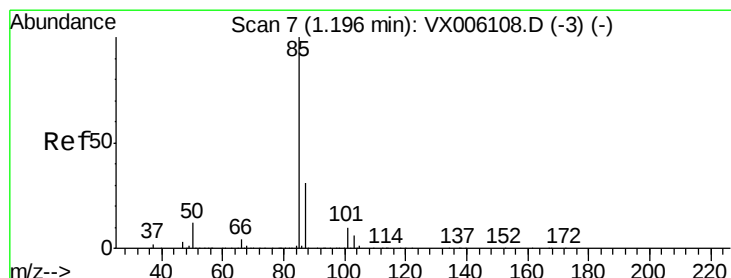
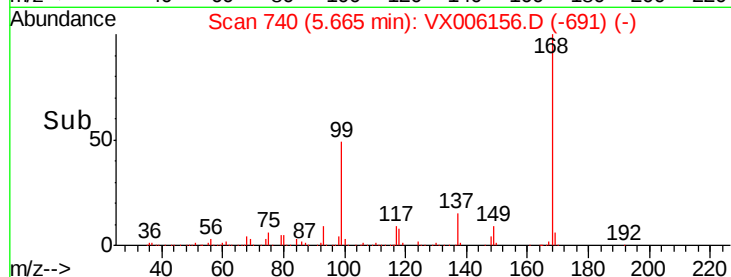
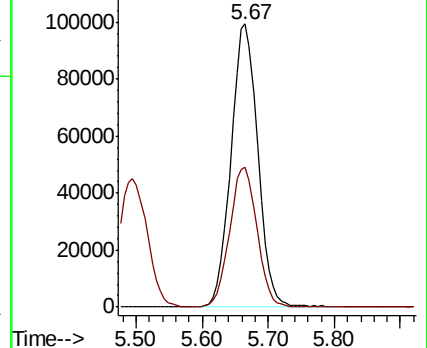
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.898 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006156.D

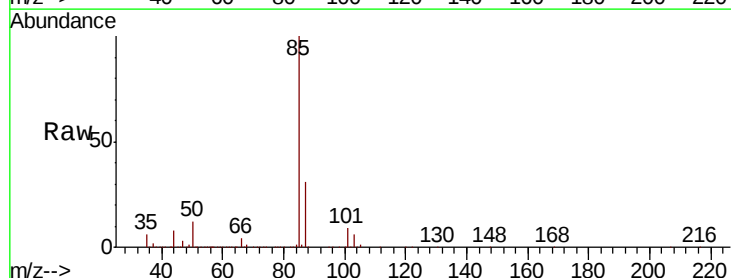
Acq: 22 Nov 2018 06:43

Tgt Ion: 85 Resp: 101384

Ion Ratio Lower Upper

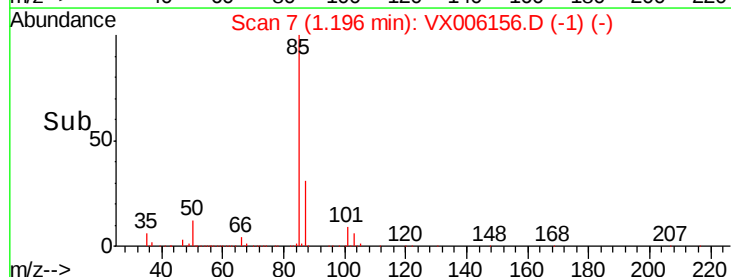
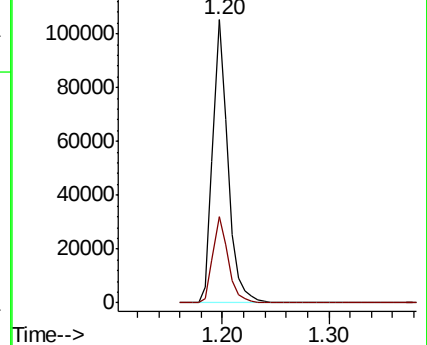
85 100

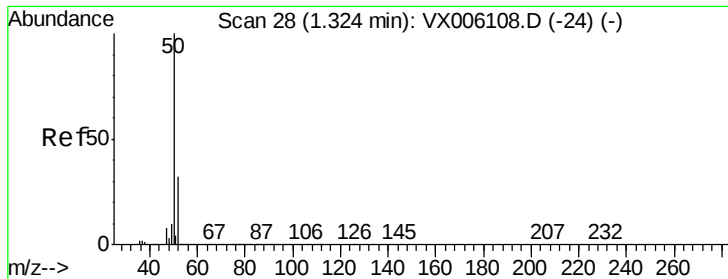
87 30.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.410 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 50 Resp: 129414

Ion Ratio Lower Upper

50 100

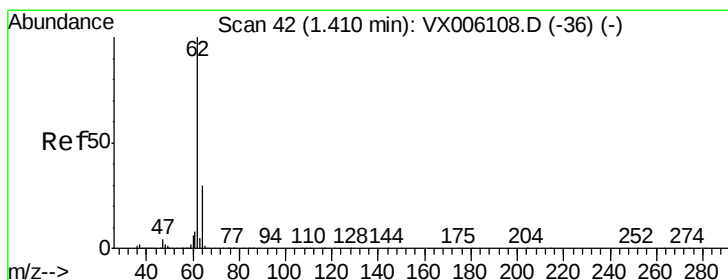
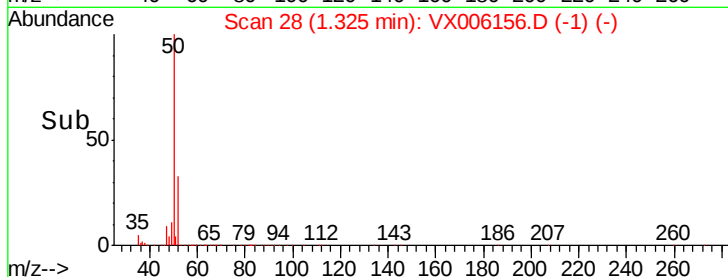
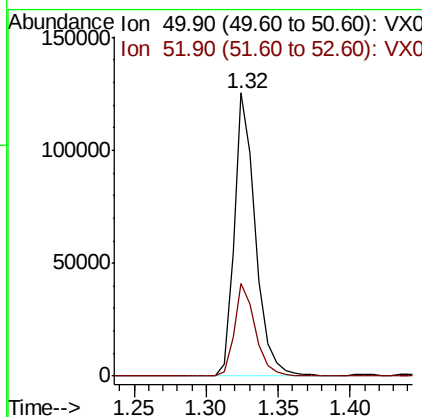
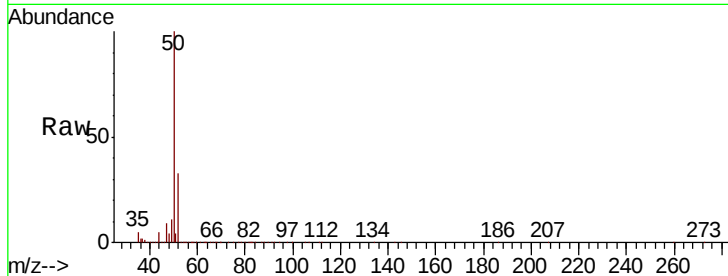
52 32.7 25.6 38.4

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#4

Vinyl Chloride

Concen: 49.764 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006156.D

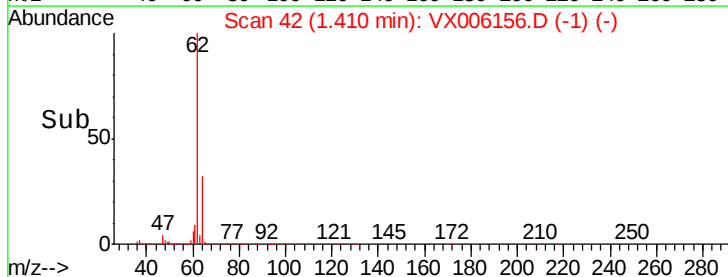
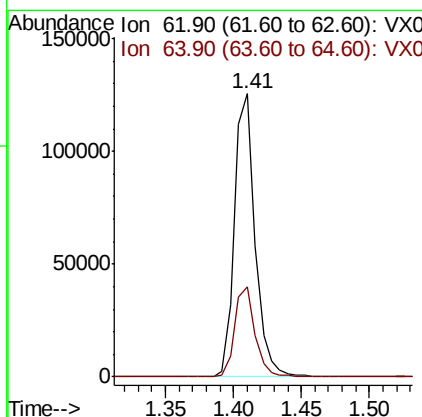
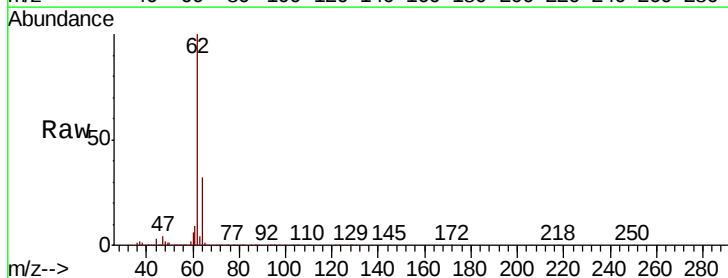
Acq: 22 Nov 2018 06:43

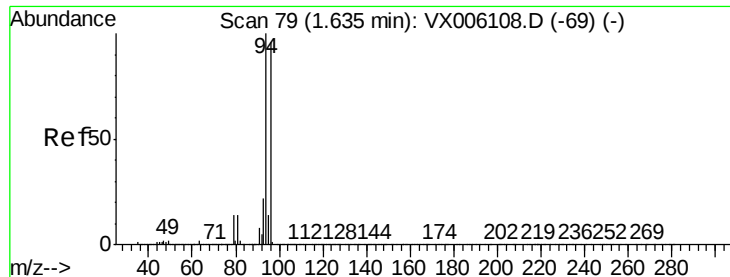
Tgt Ion: 62 Resp: 132577

Ion Ratio Lower Upper

62 100

64 31.7 24.2 36.4





#5

Bromomethane

Concen: 47.511 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 96941

Ion Ratio Lower Upper

94 100

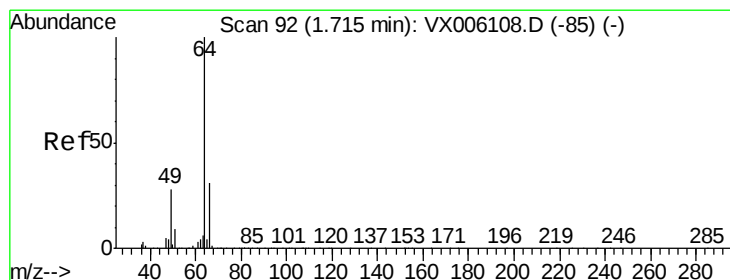
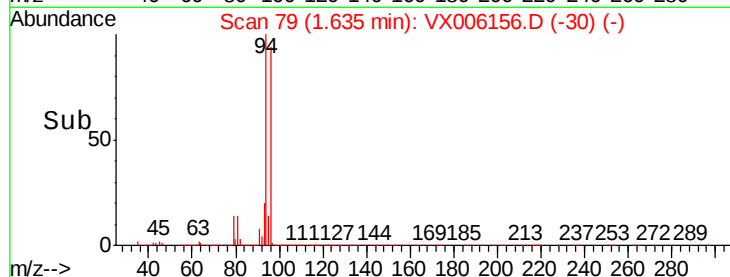
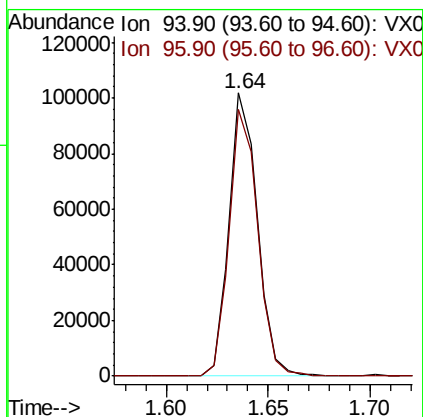
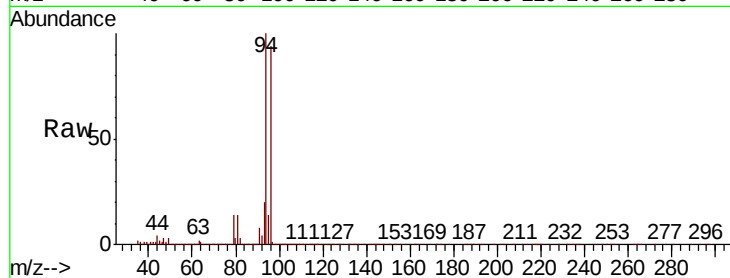
96 94.2 76.7 115.1

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#6

Chloroethane

Concen: 62.510 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006156.D

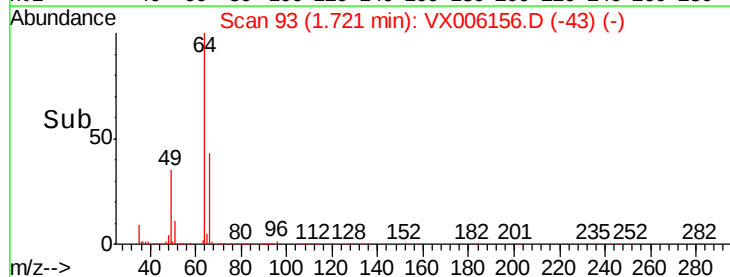
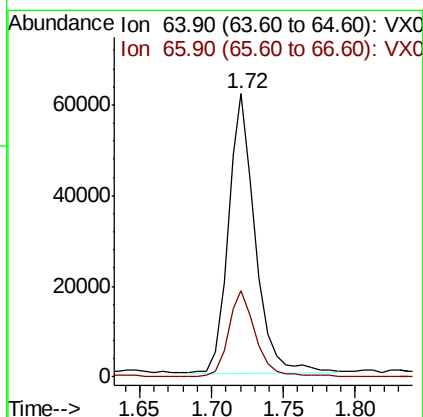
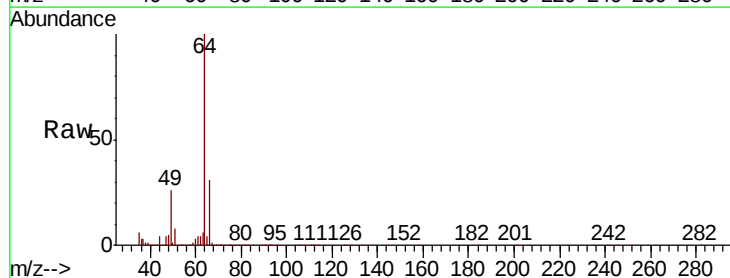
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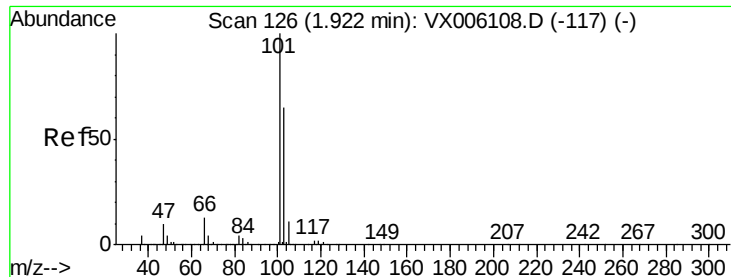
Tgt Ion: 64 Resp: 80151

Ion Ratio Lower Upper

64 100

66 30.7 25.1 37.7





#7

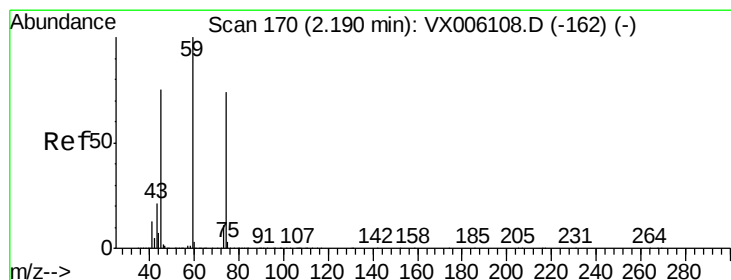
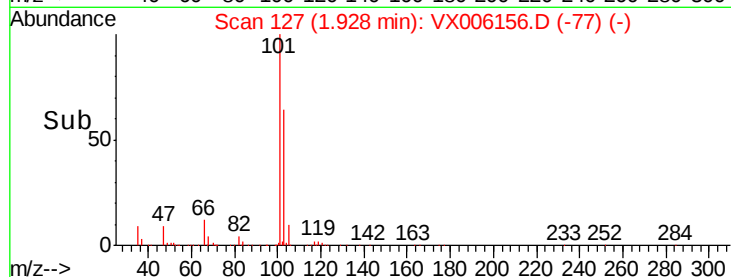
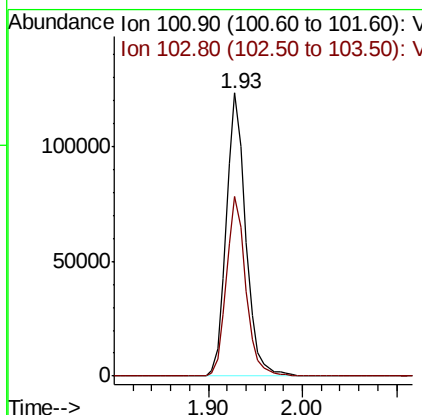
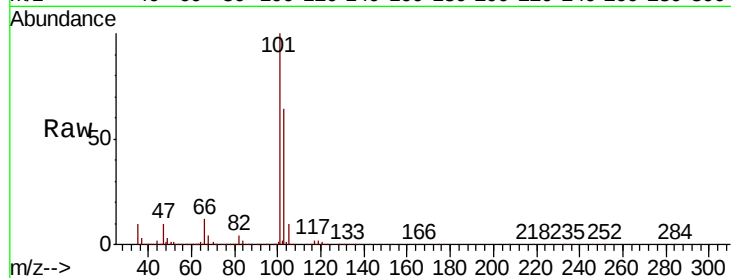
Trichlorofluoromethane
Concen: 50.815 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.1	78.1

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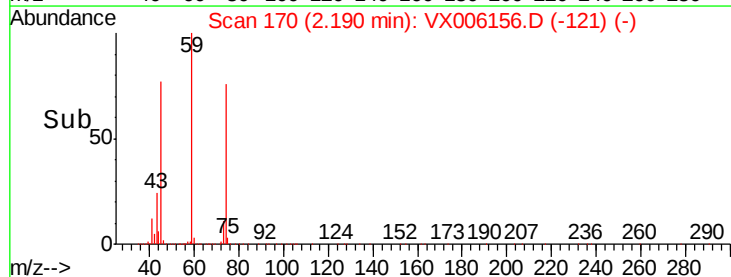
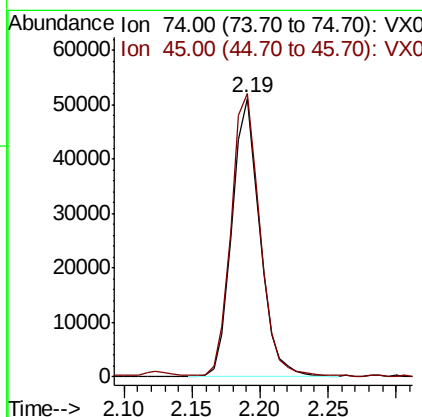
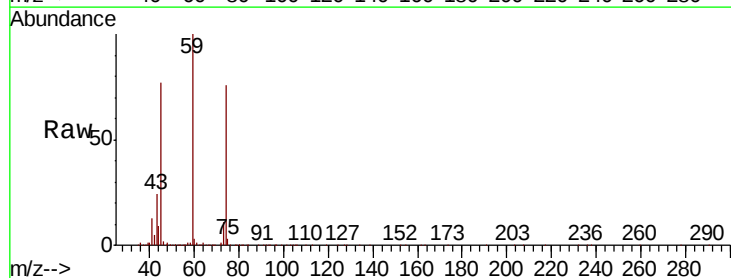
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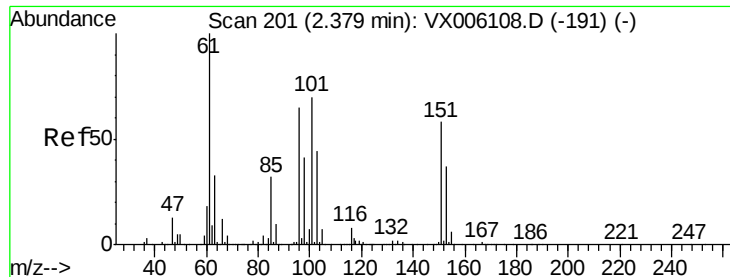


#8

Diethyl Ether
Concen: 49.450 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.194 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

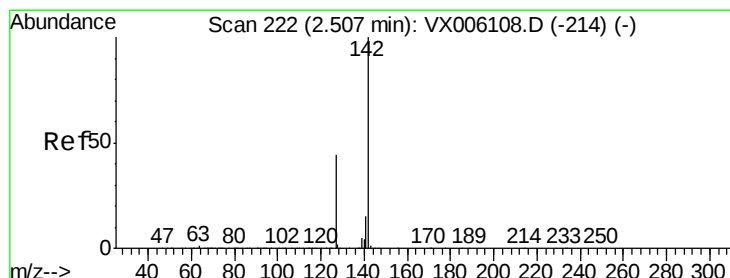
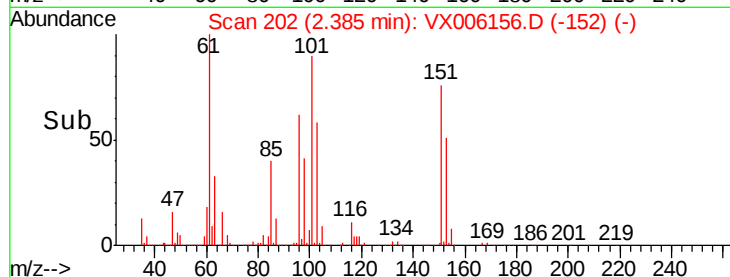
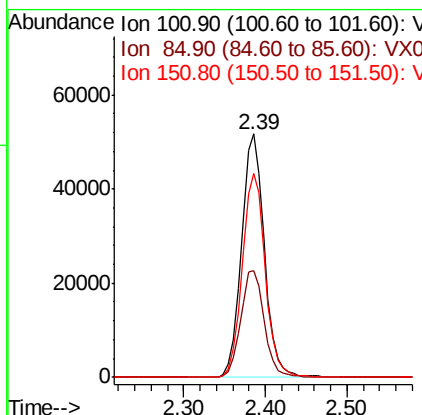
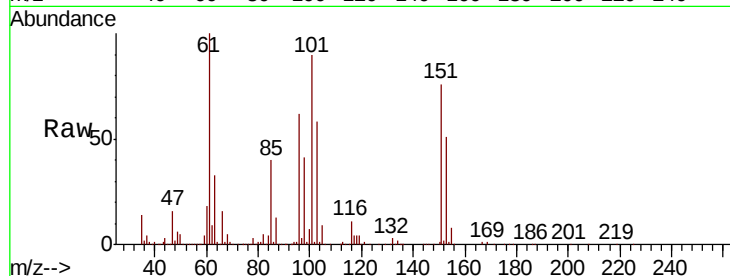
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	101	Resp:	99598
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.0	54.0
151	84.2	65.8	98.6

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#10

Methyl Iodide

Concen: 48.929 ug/l

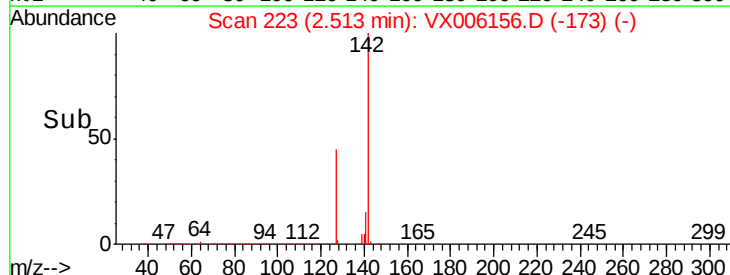
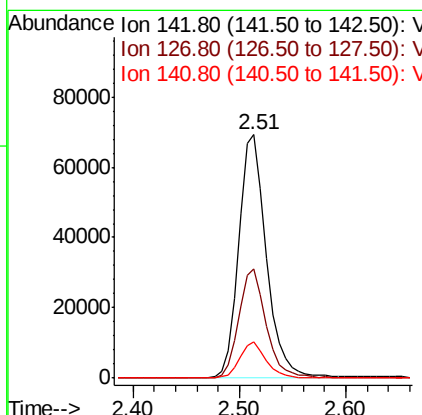
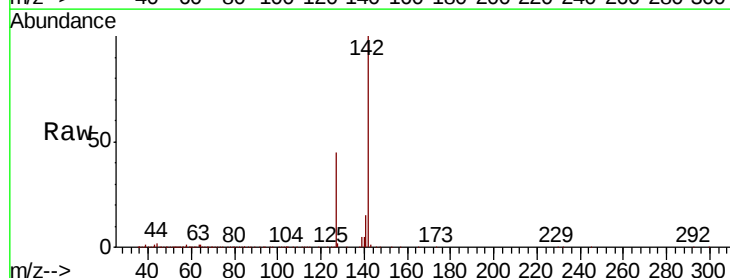
RT: 2.51 min Scan# 223

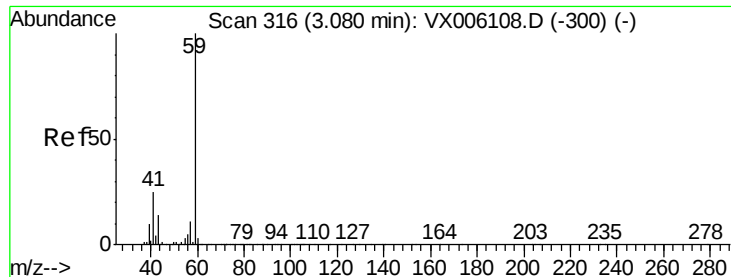
Delta R.T. 0.01 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Tgt Ion:	142	Resp:	126776
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.0	54.0
141	14.3	11.7	17.5





#11

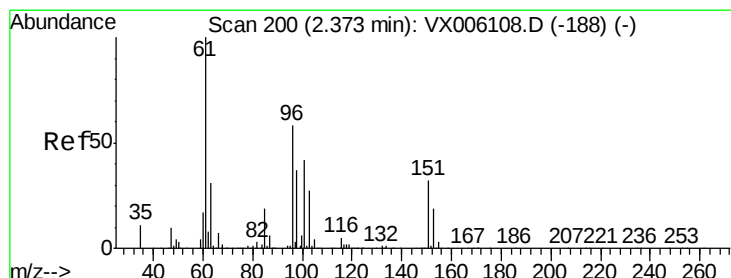
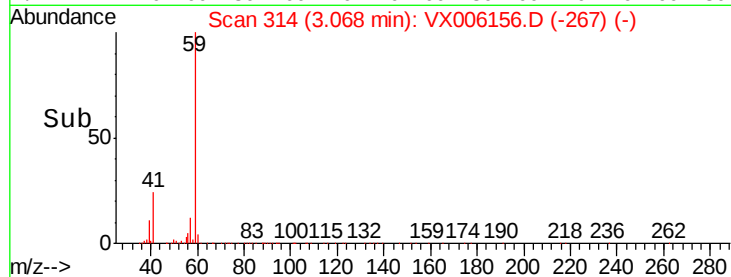
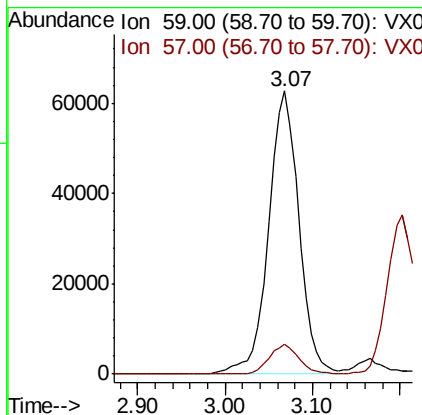
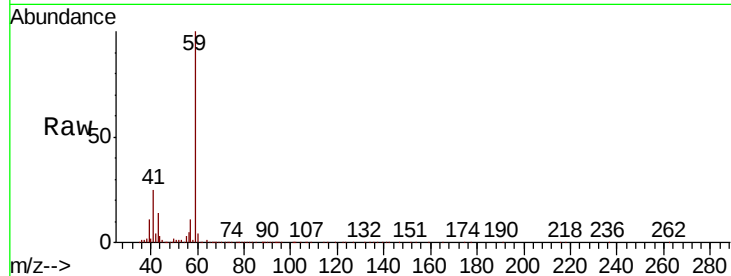
Tert butyl alcohol
Concen: 220.668 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion: 59 Resp: 151766
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

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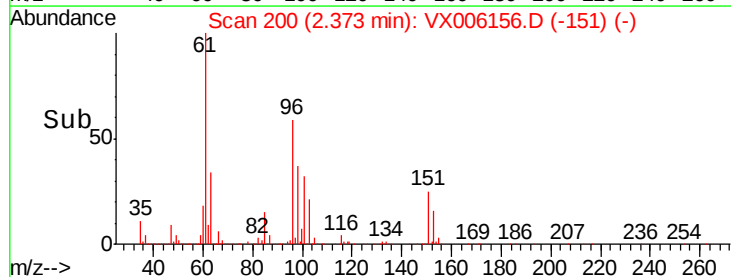
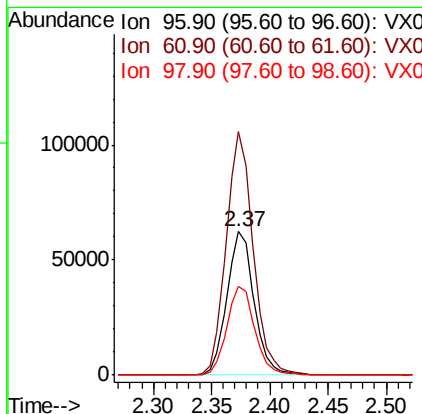
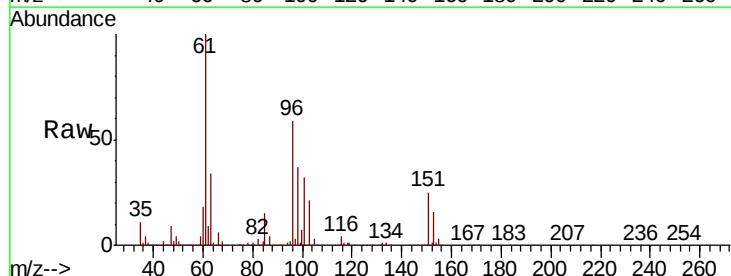
MMDadoda
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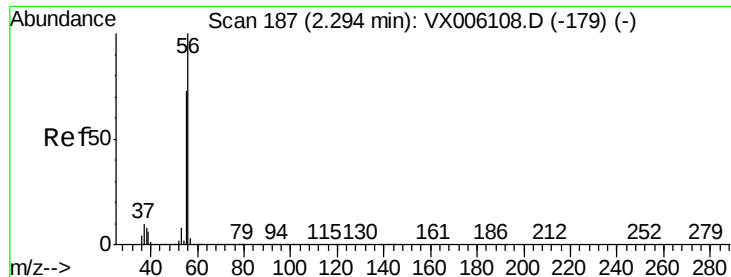


#12

1,1-Dichloroethene
Concen: 50.347 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion: 96 Resp: 101432
Ion Ratio Lower Upper
96 100
61 169.4 138.2 207.4
98 62.1 51.3 76.9





#13

Acrolein

Concen: 226.665 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 56 Resp: 93283

Ion Ratio Lower Upper

56 100

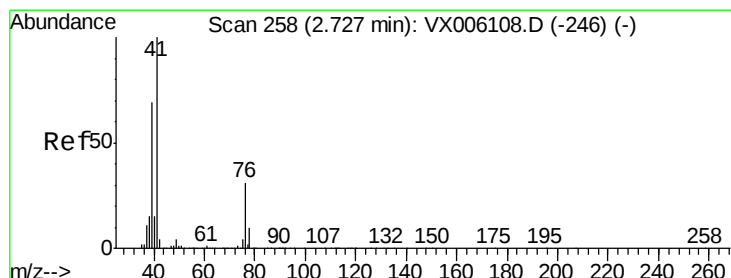
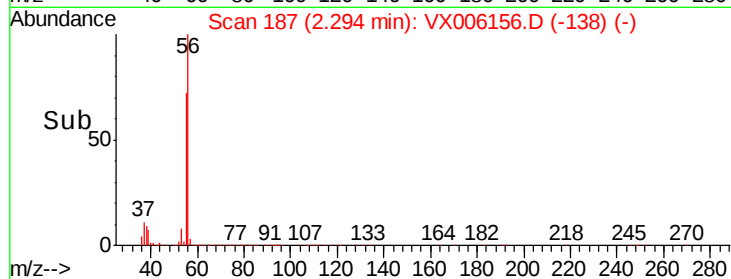
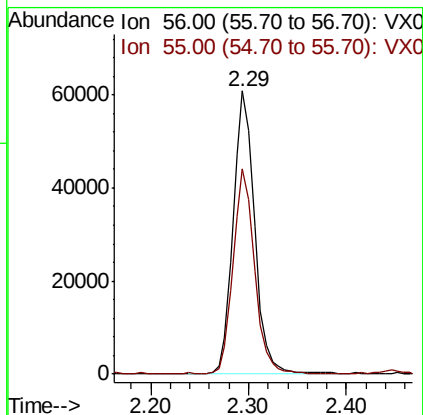
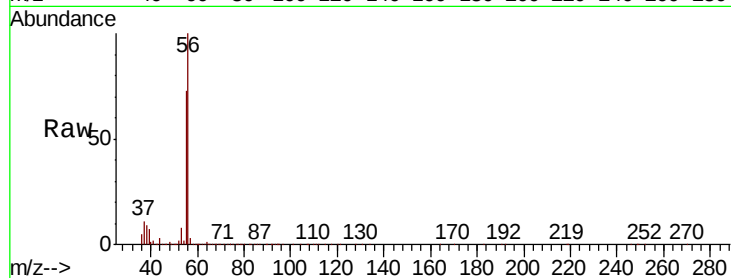
55 71.9 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 48.735 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

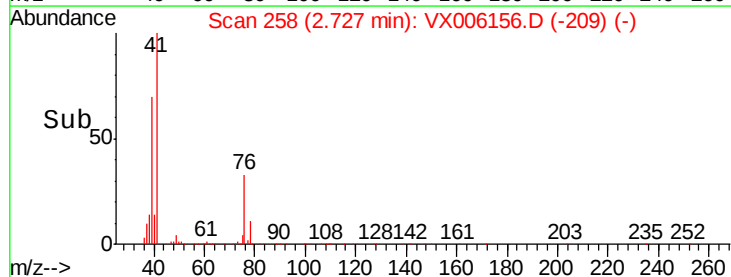
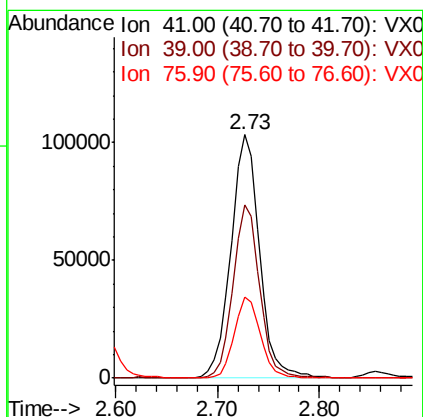
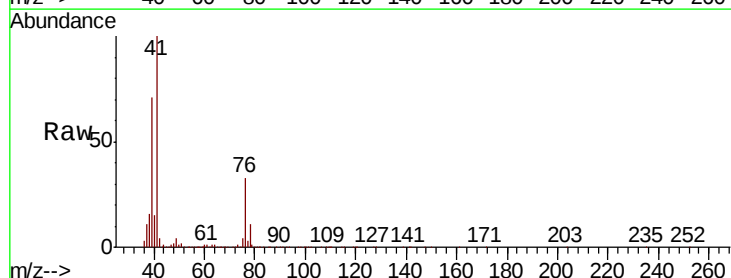
Tgt Ion: 41 Resp: 200875

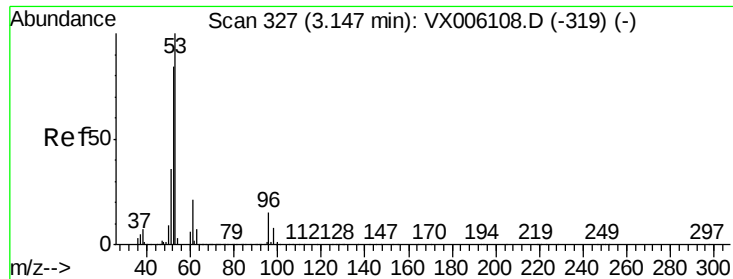
Ion Ratio Lower Upper

41 100

39 65.4 52.5 78.7

76 30.1 23.4 35.2





#15

Acrylonitrile

Concen: 238.324 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

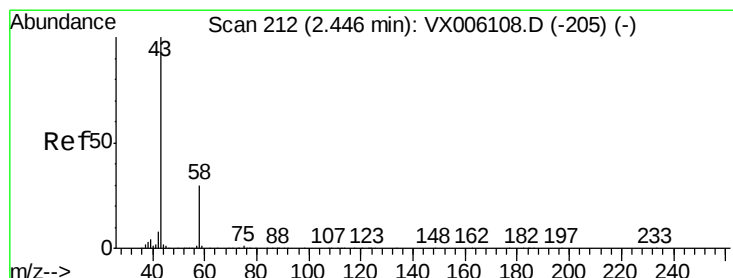
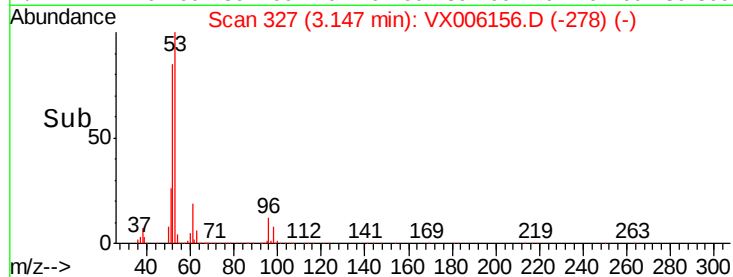
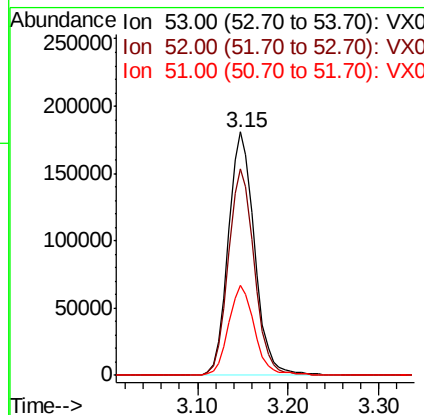
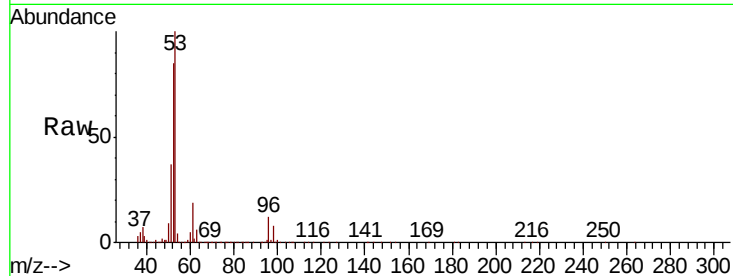
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	53	Resp:	362036
Ion Ratio		Lower	Upper
53	100		
52	84.0	66.4	99.6
51	36.6	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 234.918 ug/l

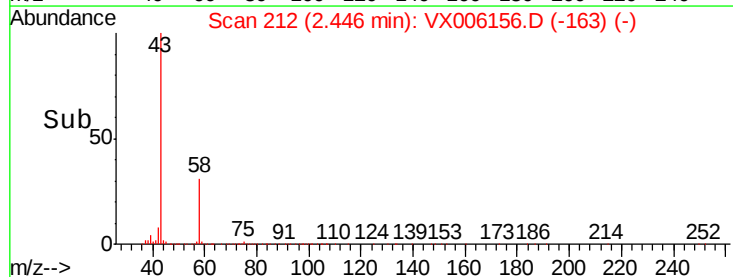
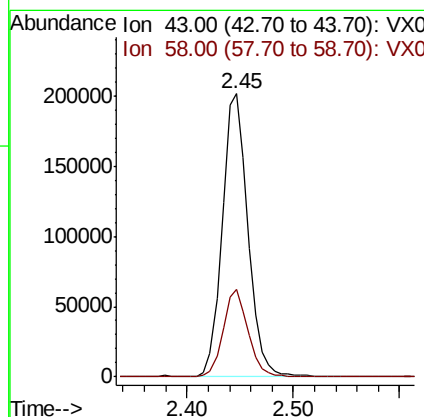
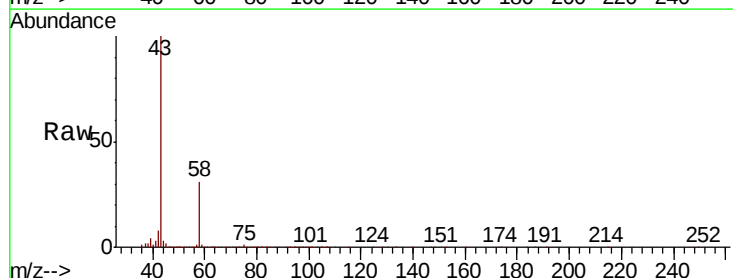
RT: 2.45 min Scan# 212

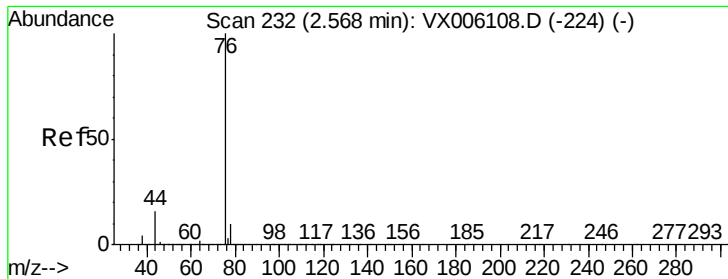
Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Tgt Ion:	43	Resp:	337026
Ion Ratio		Lower	Upper
43	100		
58	30.8	23.8	35.8





#17

Carbon Disulfide

Concen: 53.473 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 76 Resp: 290887

Ion Ratio Lower Upper

76 100

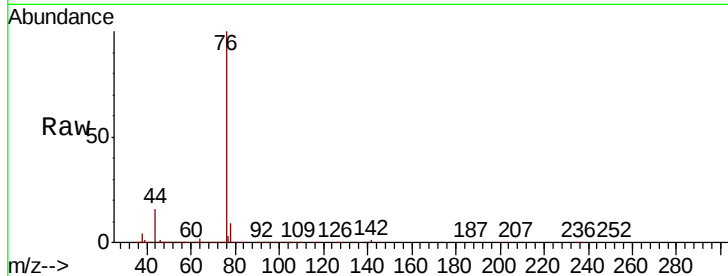
78 9.2 7.7 11.5

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

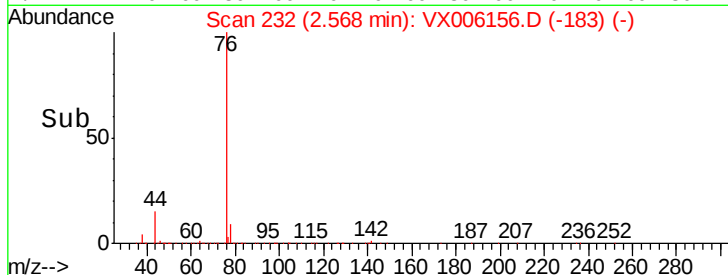
150000

100000

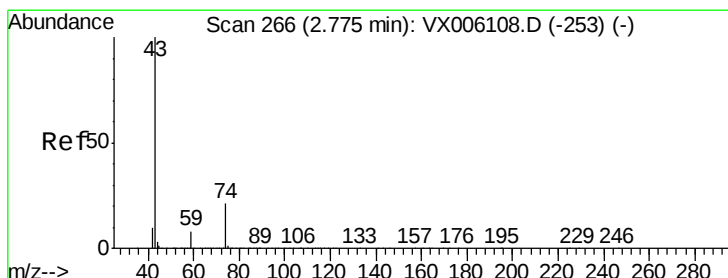
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 45.367 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006156.D

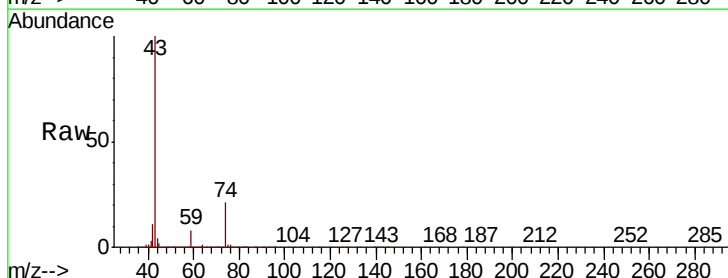
Acq: 22 Nov 2018 06:43

Tgt Ion: 43 Resp: 166908

Ion Ratio Lower Upper

43 100

74 21.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

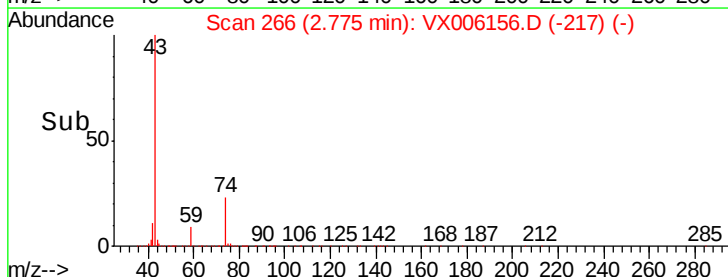
60000

40000

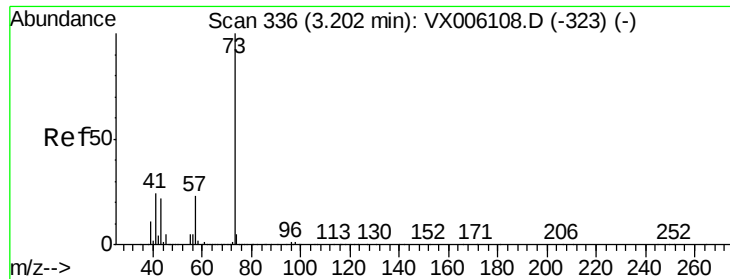
20000

0

Time-->



Time-->



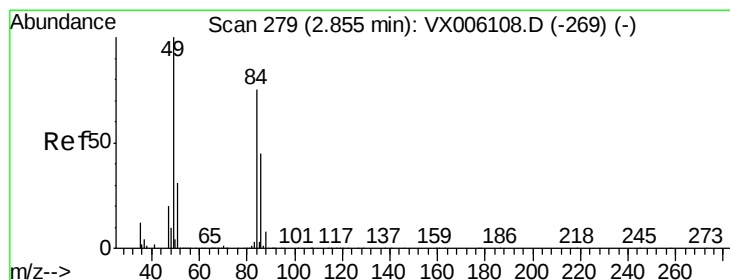
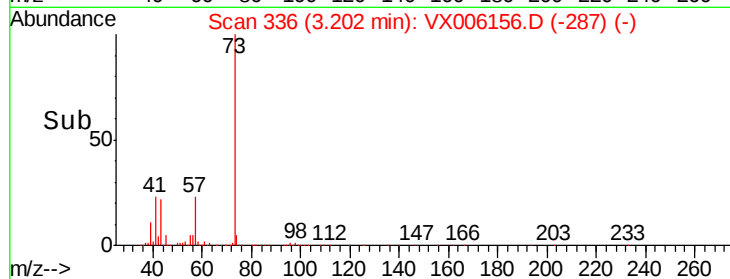
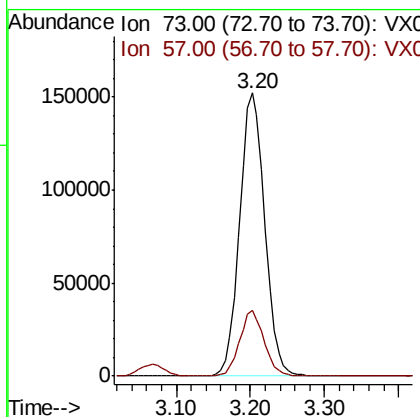
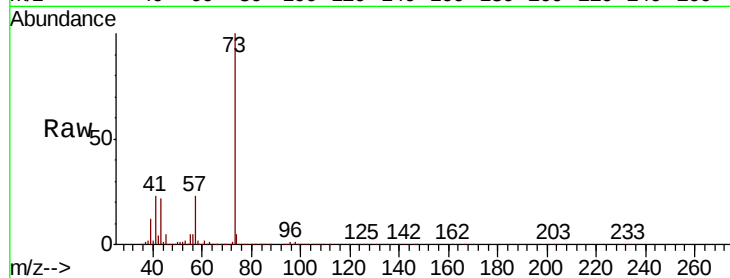
#19
Methvl tert-butvl Ether
Concen: 51.712 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.4

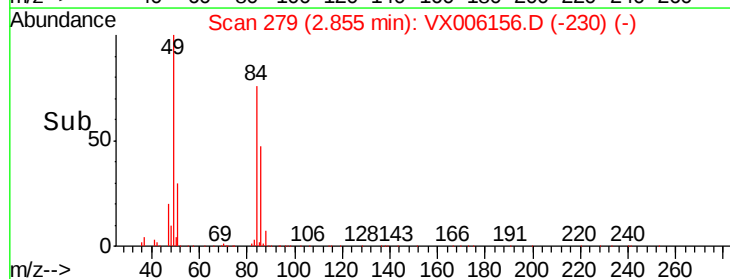
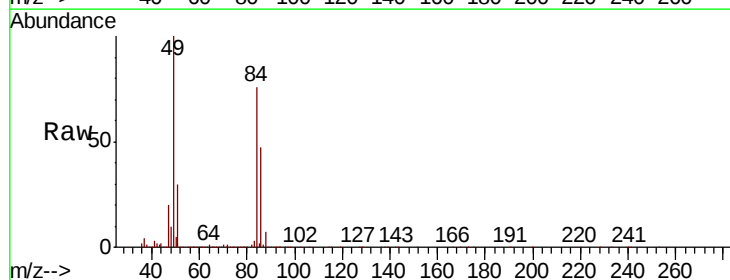
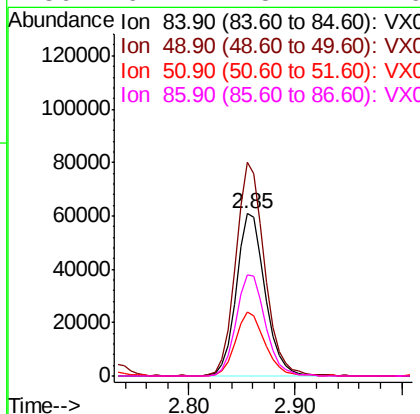
Manual Integrations
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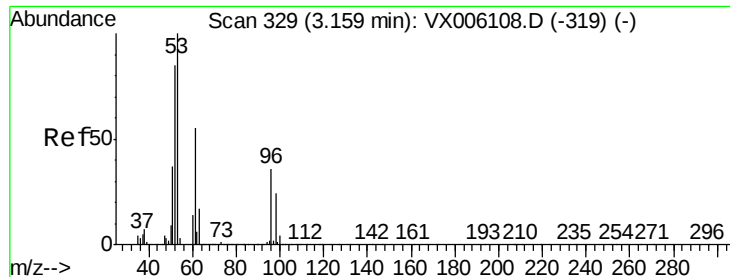
MMDadoda
11/26/2018 9:49:02 AM



#20
Methylene Chloride
Concen: 53.361 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.4	106.6	159.8
51	39.7	32.6	49.0
86	62.1	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 50.407 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

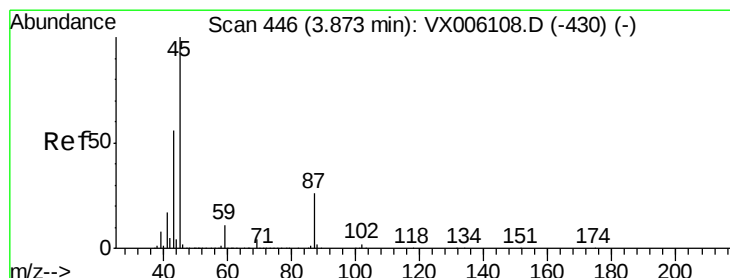
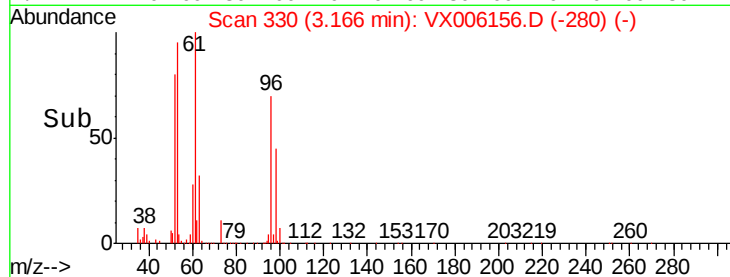
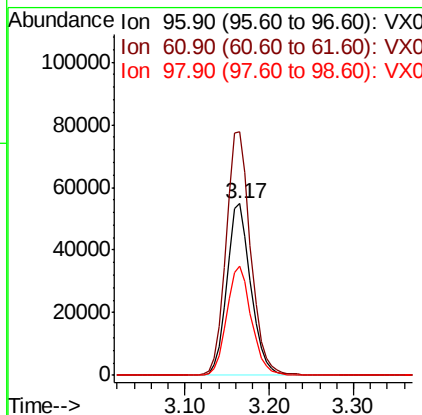
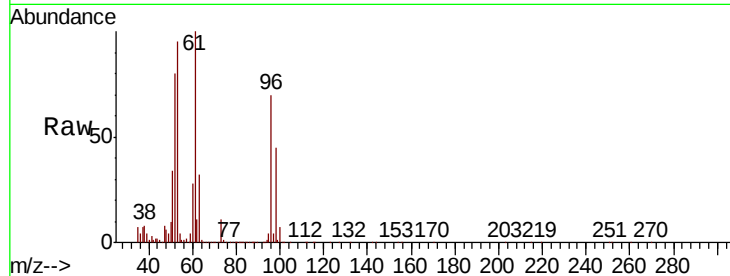
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	96	Resp:	106253
Ion	Ratio	Lower	Upper
96	100		
61	142.0	122.0	183.0
98	63.9	52.7	79.1

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#22

Diisopropyl ether

Concen: 53.876 ug/l

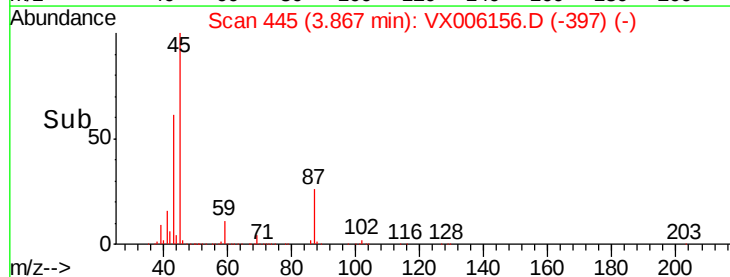
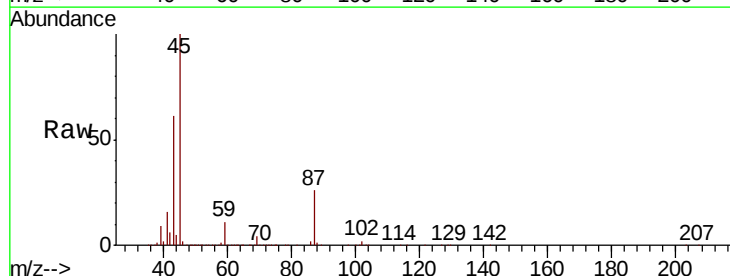
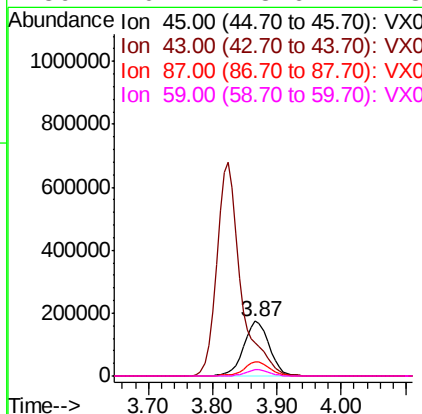
RT: 3.87 min Scan# 445

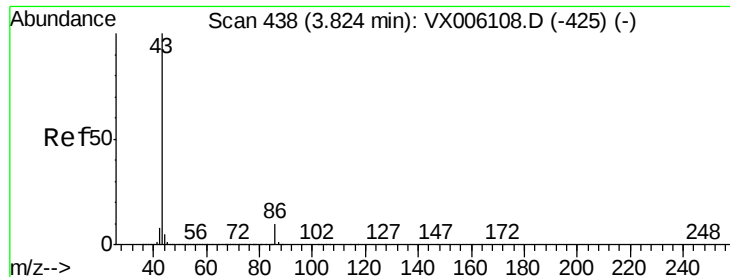
Delta R.T. -0.01 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Tgt Ion:	45	Resp:	475383
Ion	Ratio	Lower	Upper
45	100		
43	61.1	45.8	68.8
87	25.8	21.0	31.4
59	10.7	8.6	12.8





#23

Vinyl Acetate

Concen: 241.997 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 43 Resp: 1771500

Ion Ratio Lower Upper

43 100

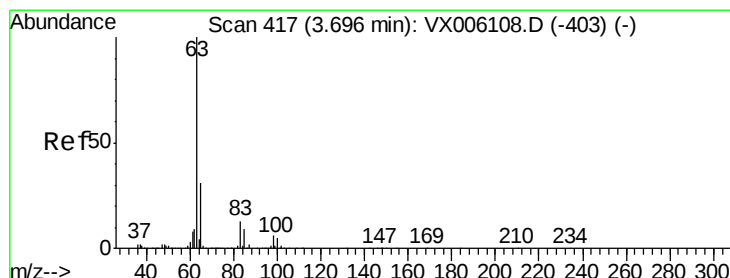
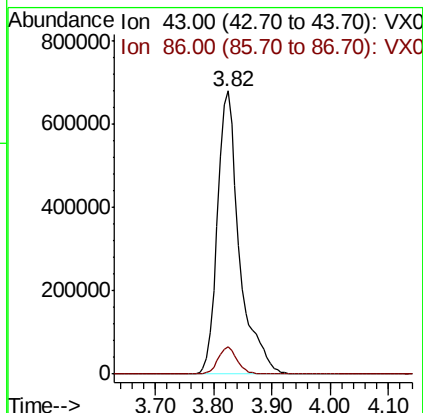
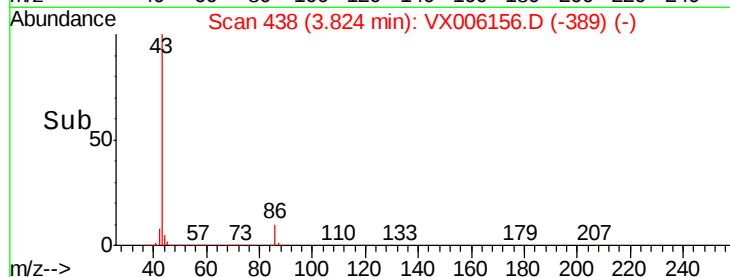
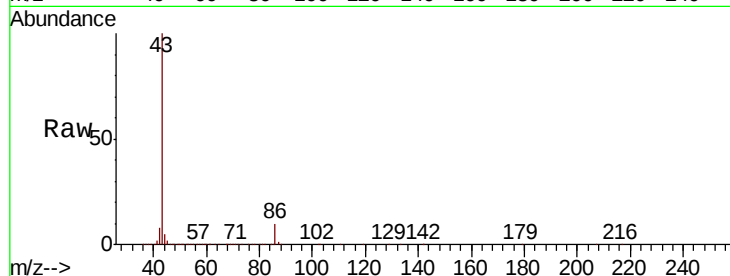
86 9.7 7.6 11.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.759 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

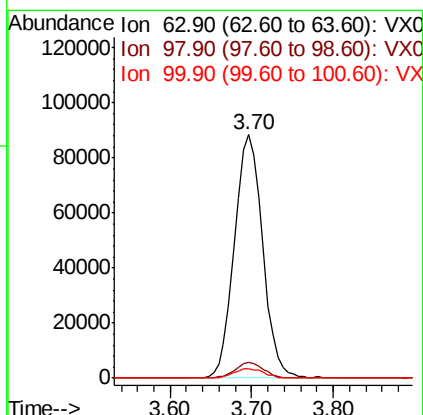
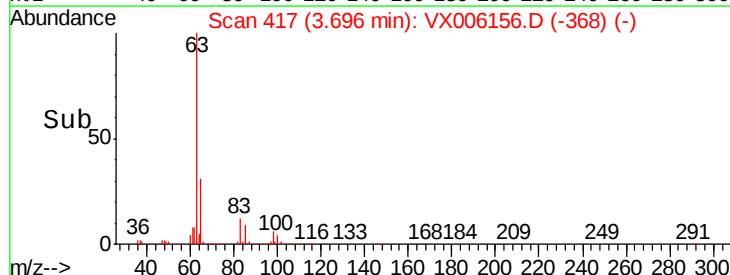
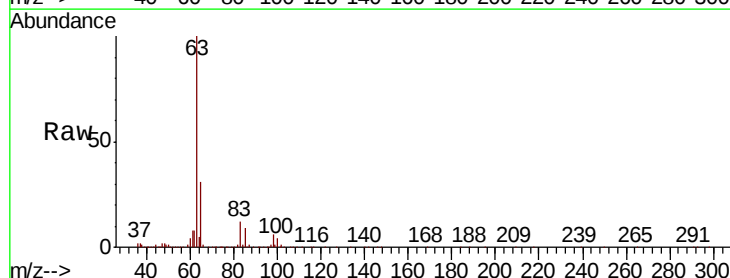
Tgt Ion: 63 Resp: 211004

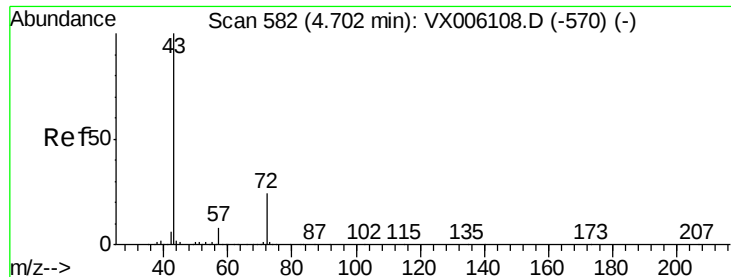
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 3.7 2.4 7.1





#25

2-Butanone

Concen: 236.331 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 43 Resp: 629328

Ion Ratio Lower Upper

43 100

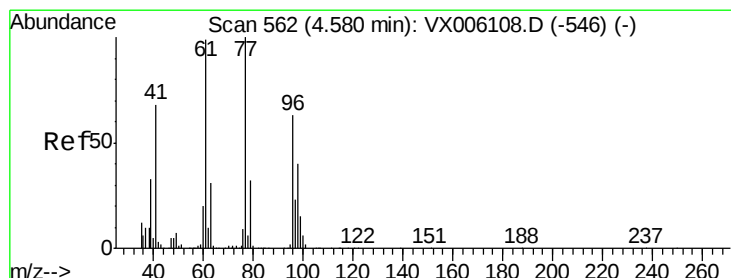
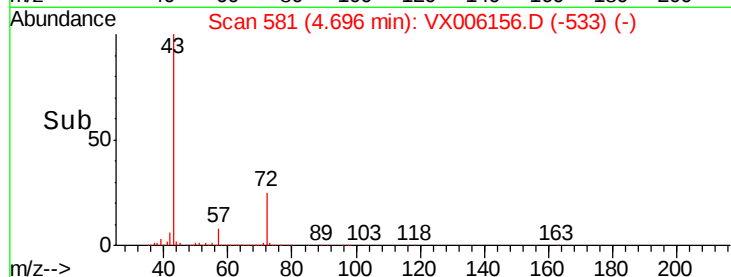
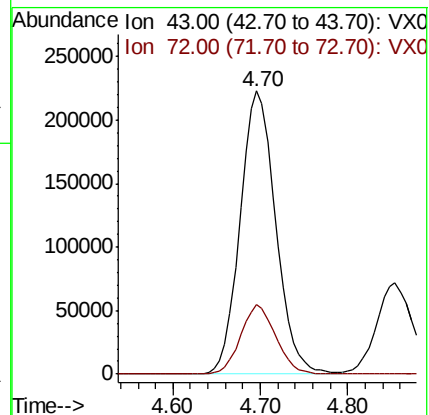
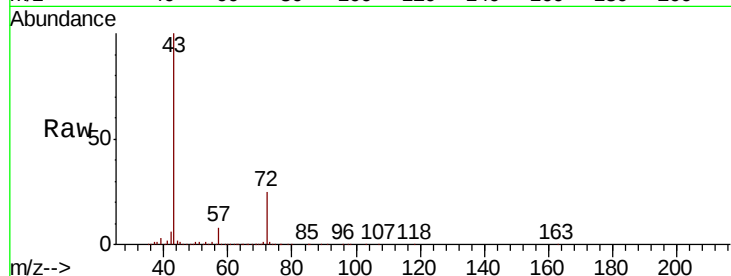
72 24.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.437 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006156.D

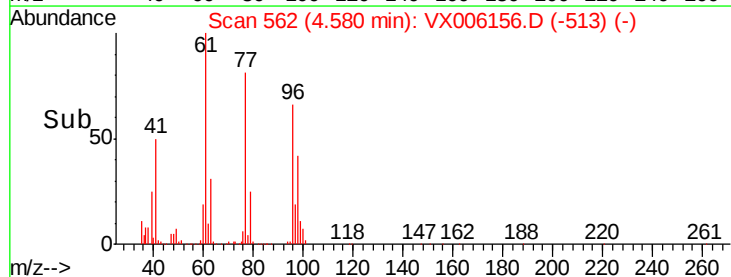
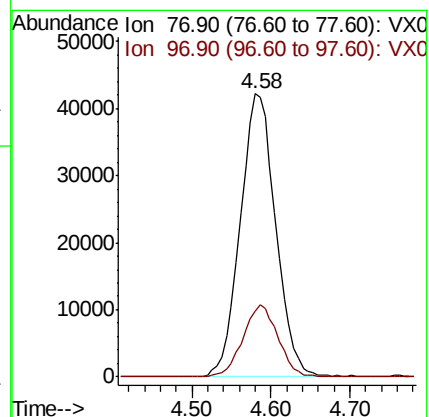
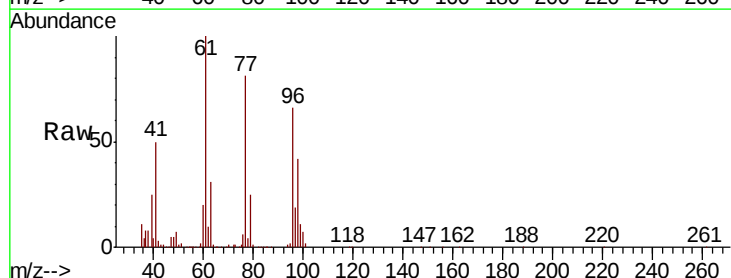
Acq: 22 Nov 2018 06:43

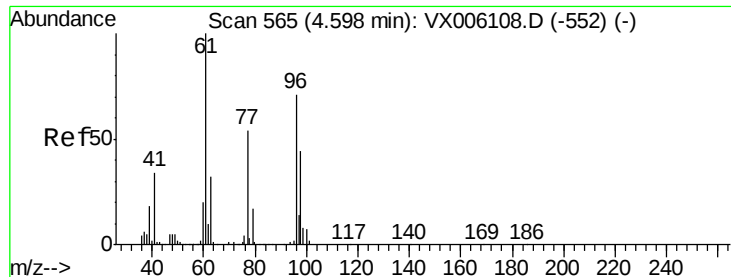
Tgt Ion: 77 Resp: 131691

Ion Ratio Lower Upper

77 100

97 25.2 11.9 35.5





#27

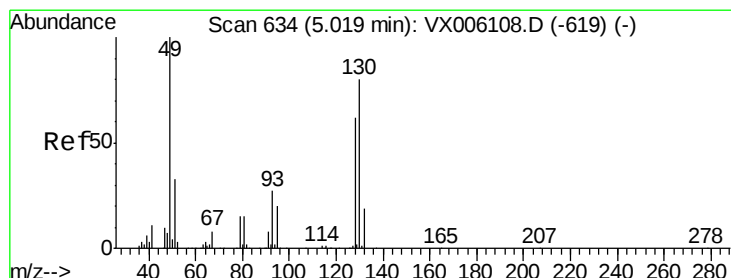
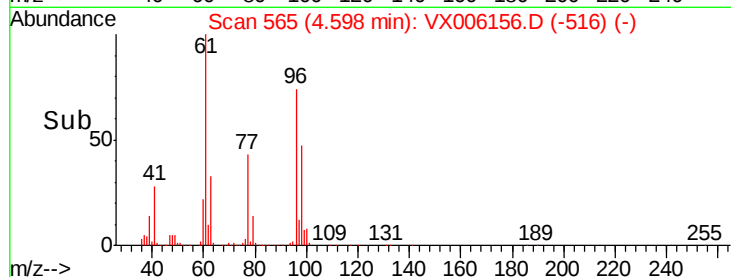
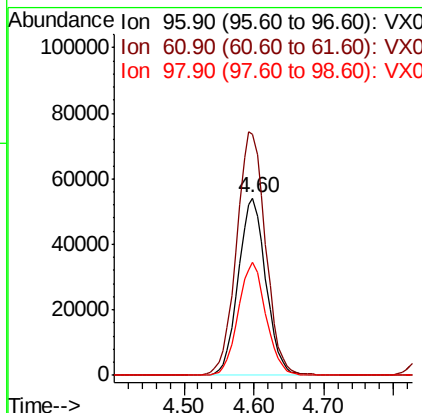
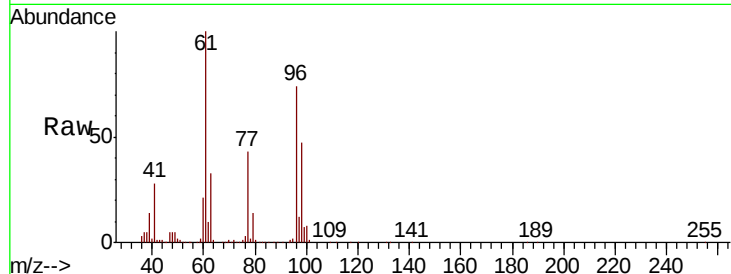
cis-1,2-Dichloroethene
Concen: 50.349 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	148334		
61	143.6	0.0	291.6	
98	64.1	0.0	128.2	

Manual Integrations
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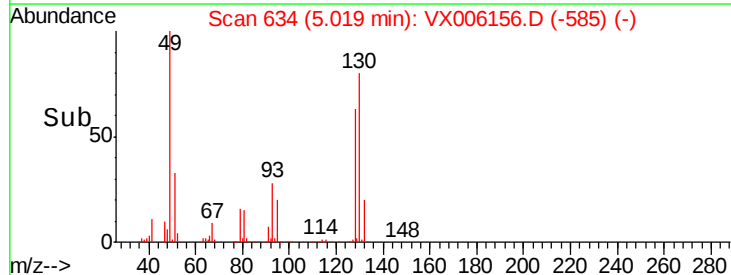
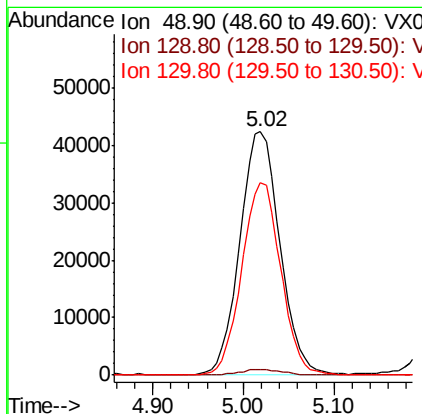
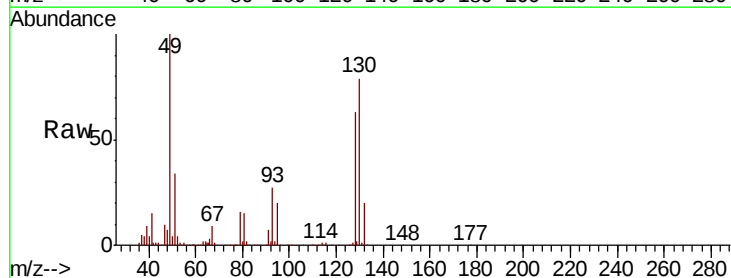
MMDadoda
11/26/2018 9:49:02 AM

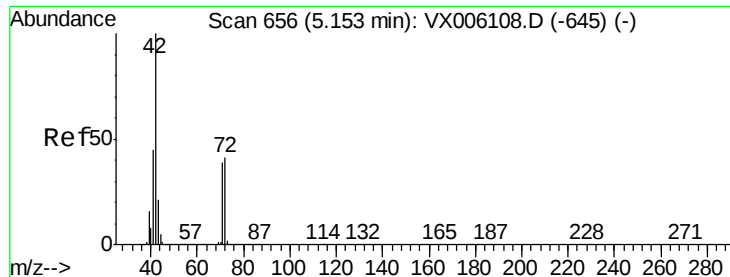


#28

Bromochloromethane
Concen: 53.346 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129245		
129	2.3	0.0	4.4	
130	77.4	61.6	92.4	





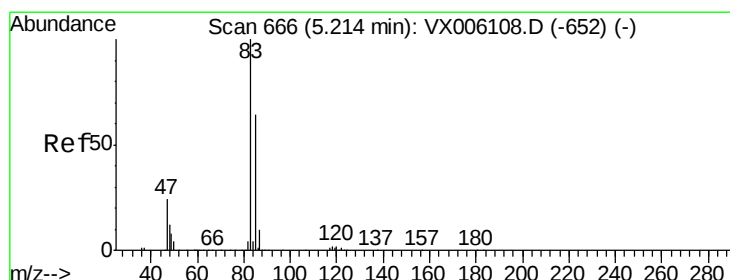
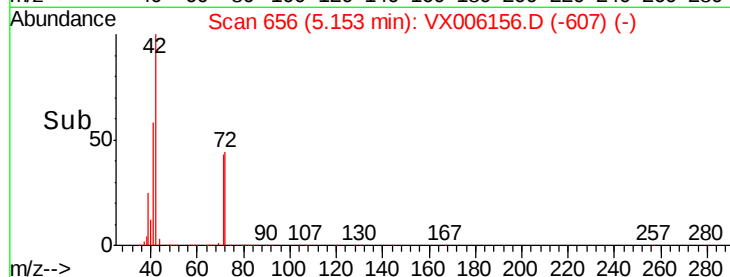
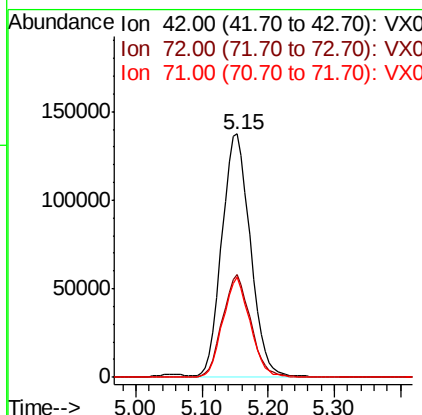
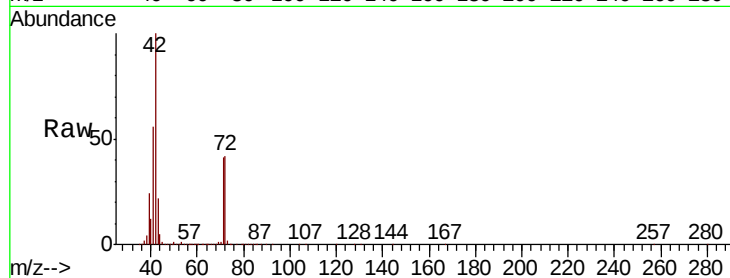
#29
Tetrahydrofuran
Concen: 246.869 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.0	49.6
71	39.3	31.0	46.4

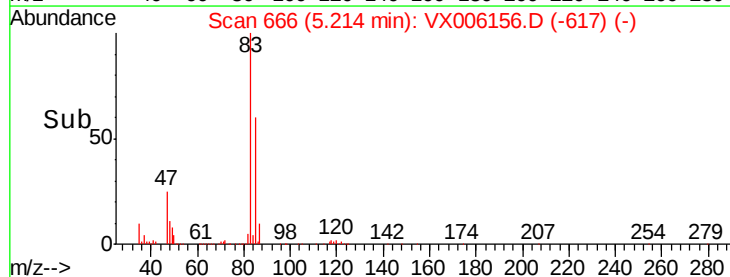
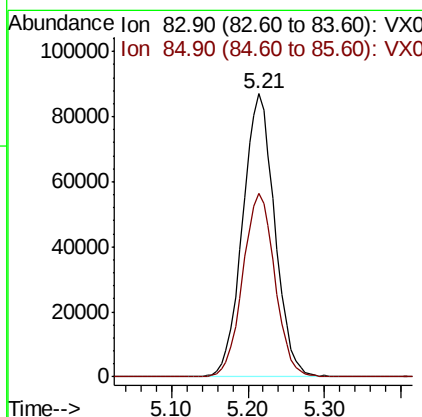
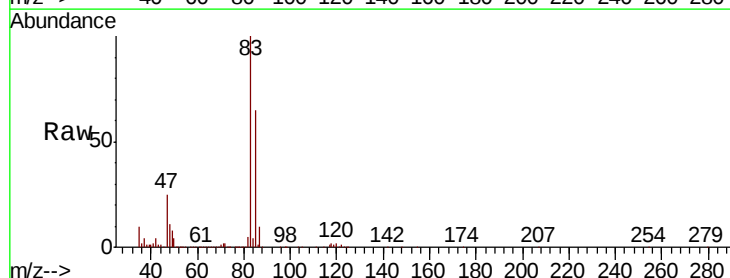
Manual Integrations
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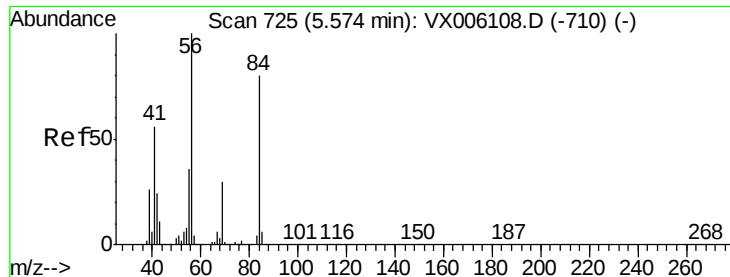
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#30
Chloroform
Concen: 50.381 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.4





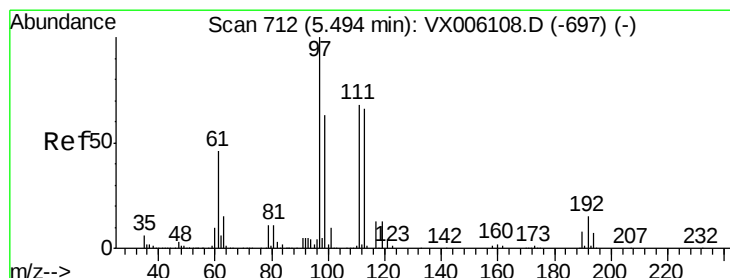
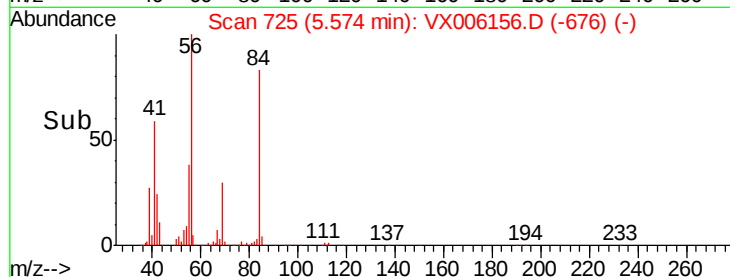
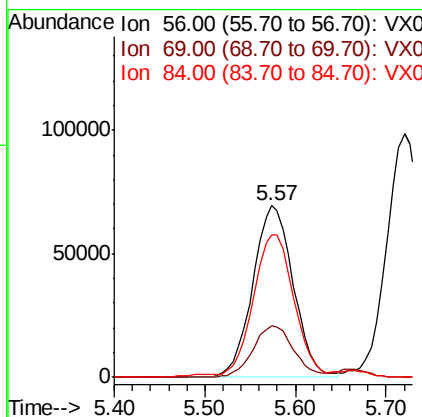
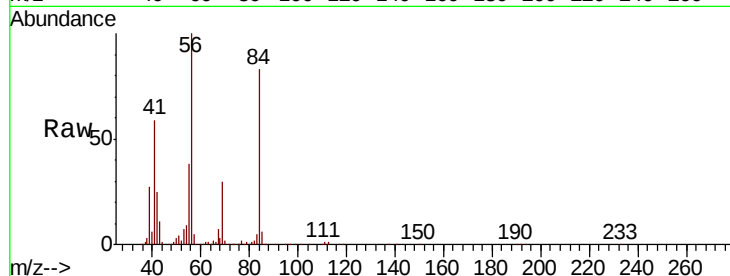
#31
Cyclohexane
Concen: 49.527 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.9	35.9
84	81.7	63.6	95.4

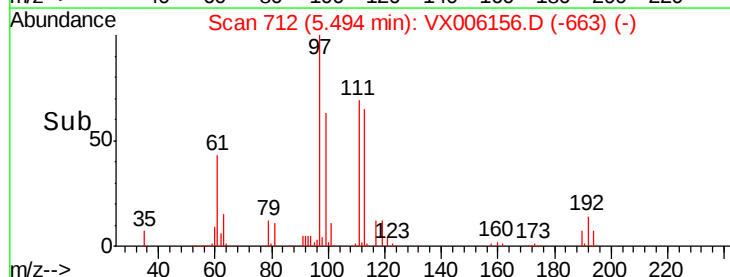
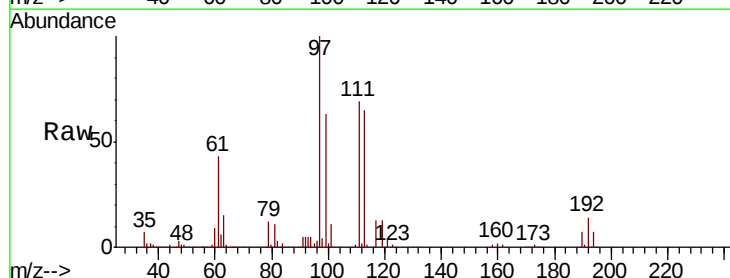
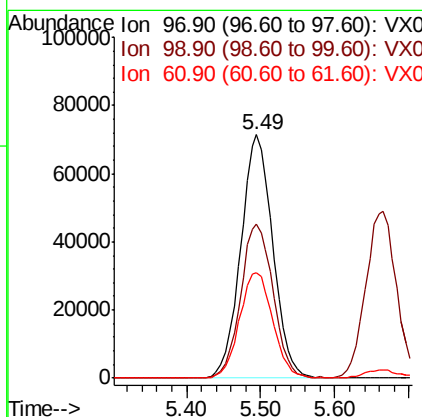
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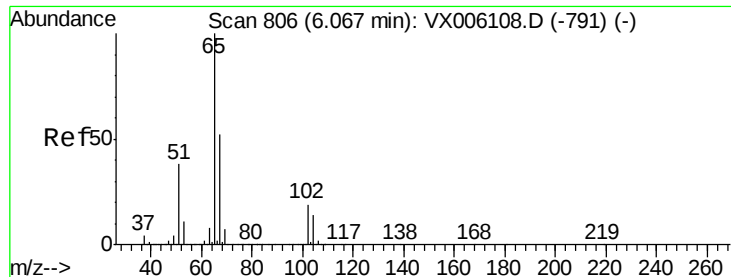
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#32
1,1,1-Trichloroethane
Concen: 52.935 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	45.1	36.6	55.0





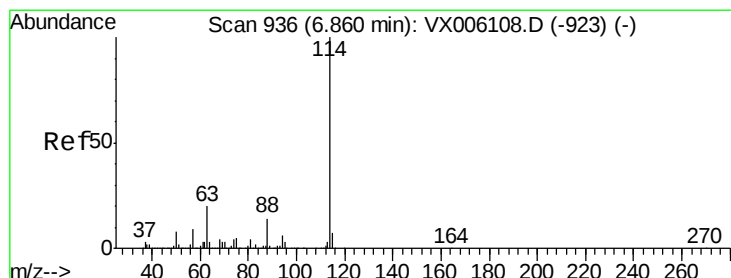
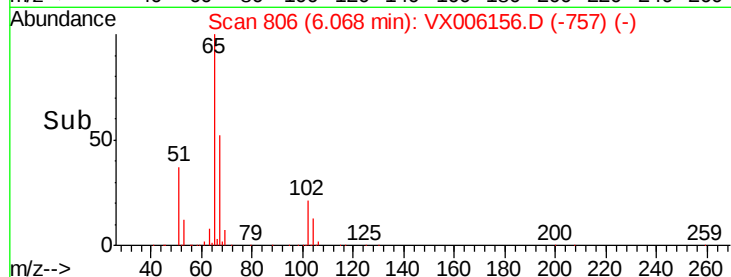
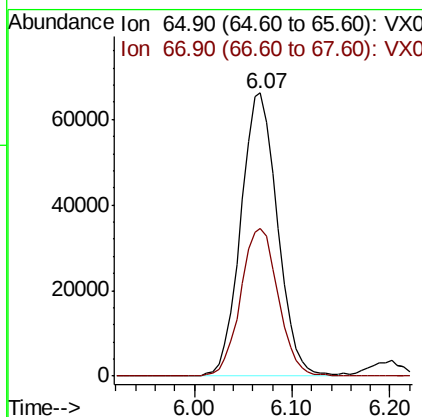
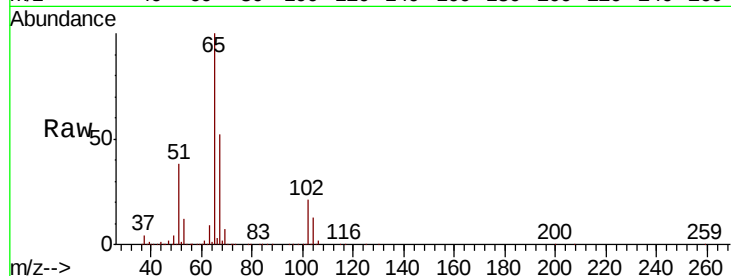
#33
 1,2-Dichloroethane-d4
 Concen: 53.263 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.8

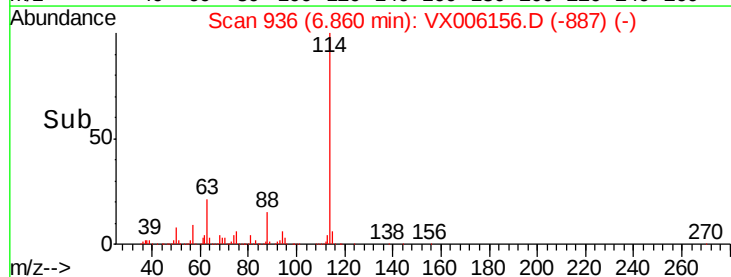
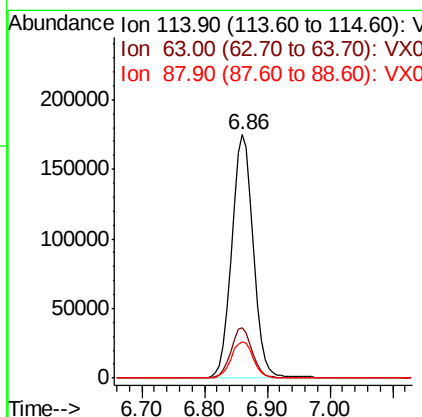
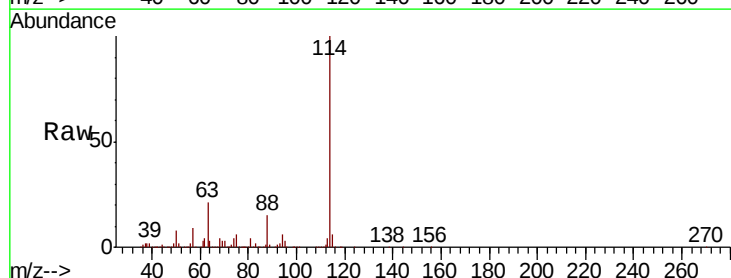
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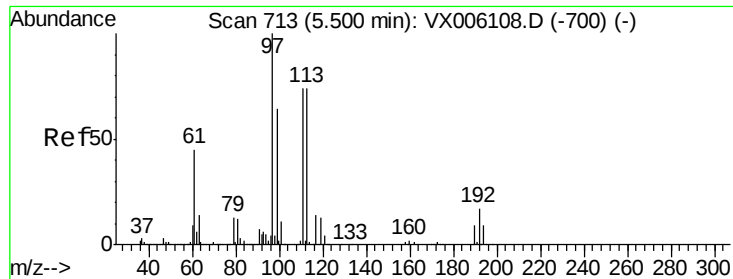
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 11/26/2018 9:49:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	15.1	0.0	28.6





#35

Dibromofluoromethane

Concen: 53.060 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

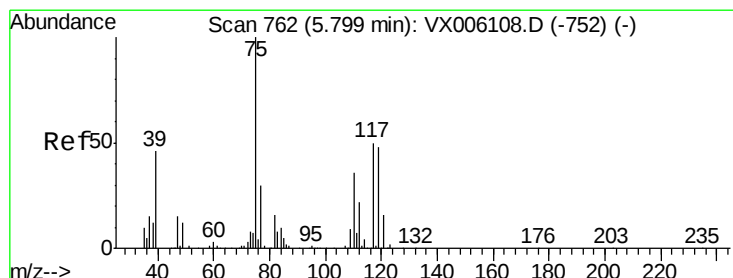
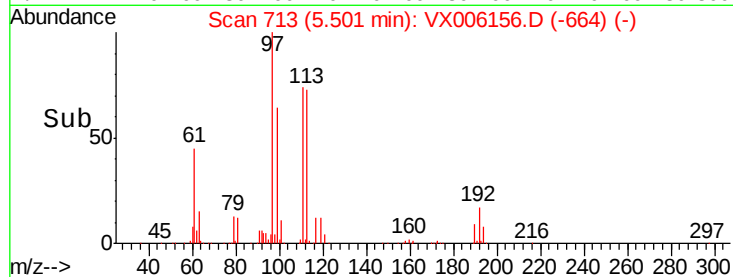
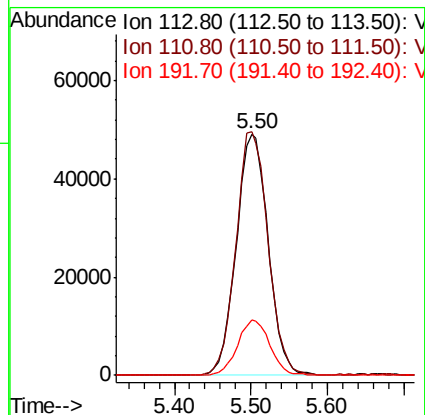
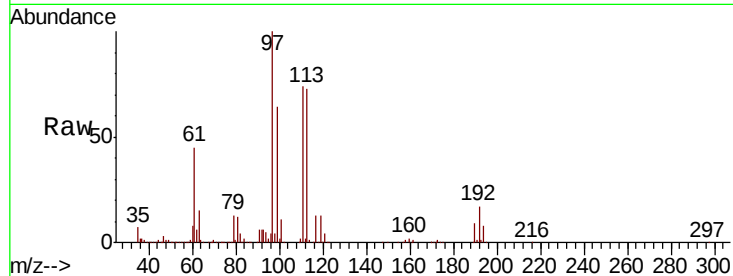
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	113	Resp:	141937
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.5	122.3
192	23.3	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.330 ug/l

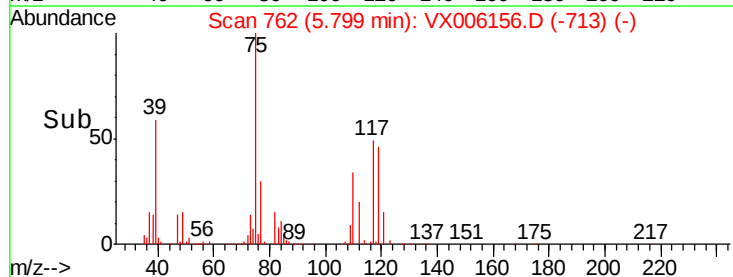
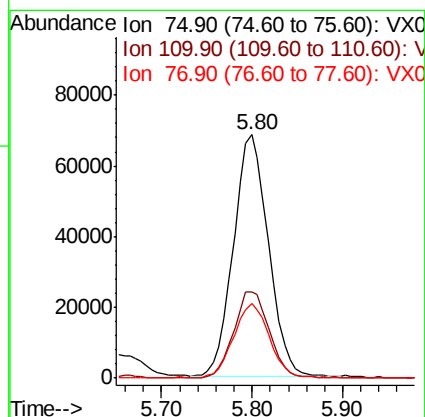
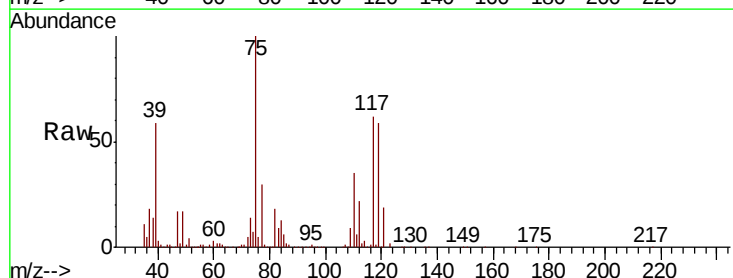
RT: 5.80 min Scan# 762

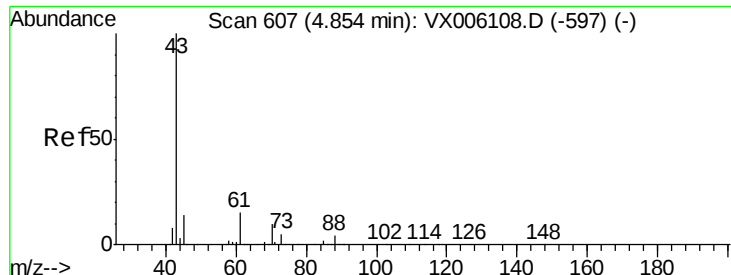
Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Tgt Ion:	75	Resp:	183224
Ion Ratio	Lower	Upper	
75	100		
110	36.7	17.8	53.3
77	30.4	24.5	36.7





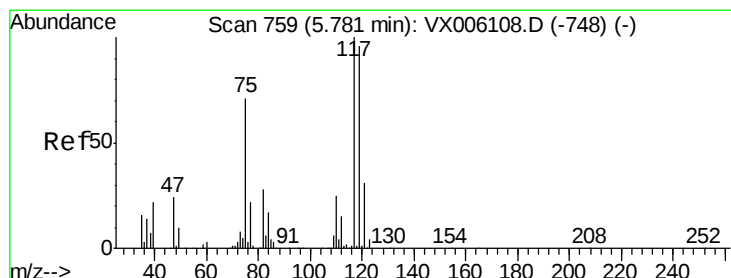
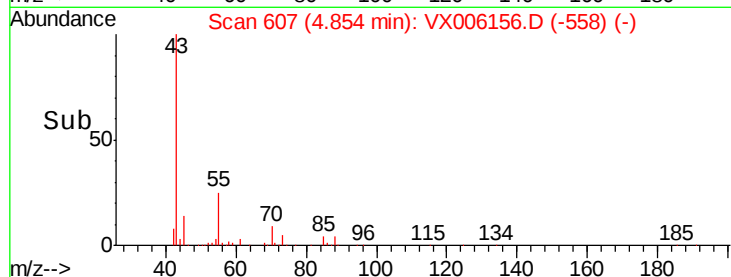
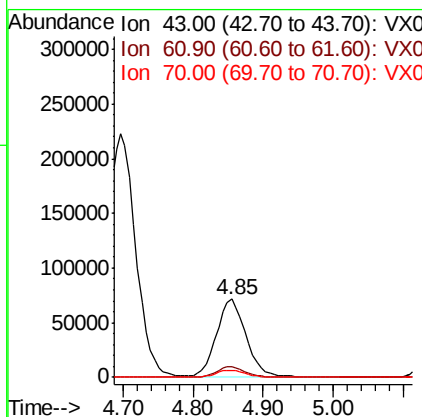
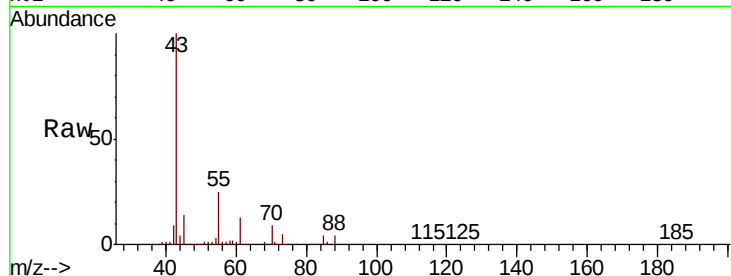
#37
Ethyl Acetate
Concen: 43.064 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.3	7.9	11.9

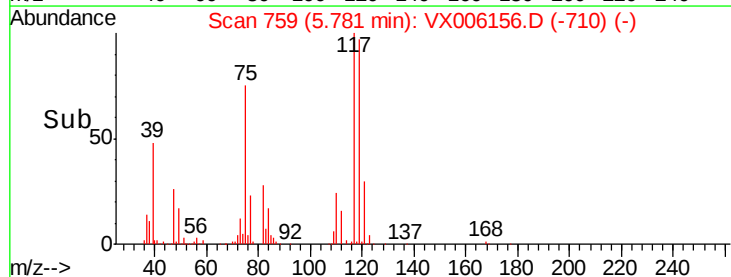
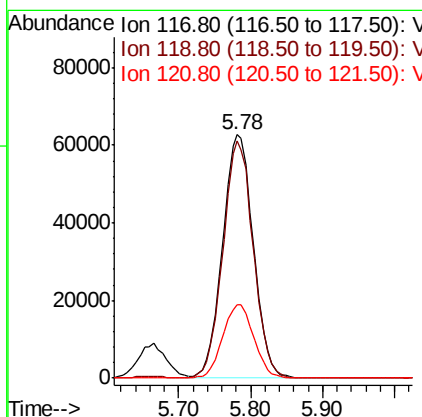
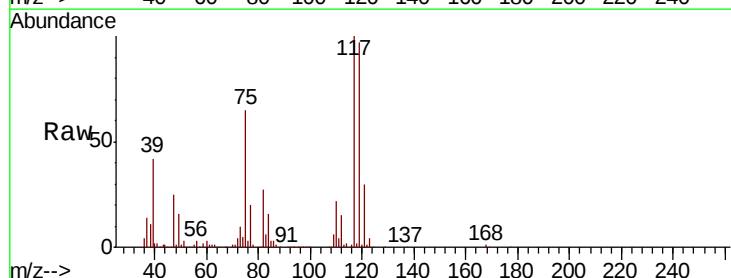
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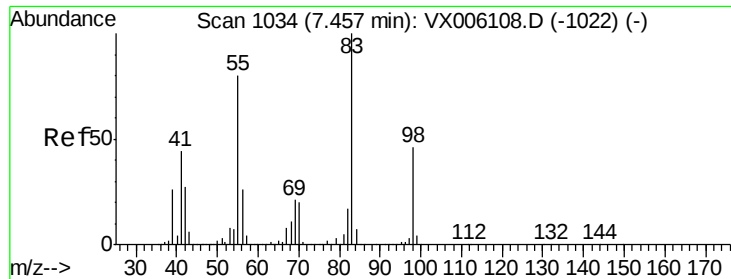
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#38
Carbon Tetrachloride
Concen: 52.152 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.3	114.5
121	30.2	24.7	37.1





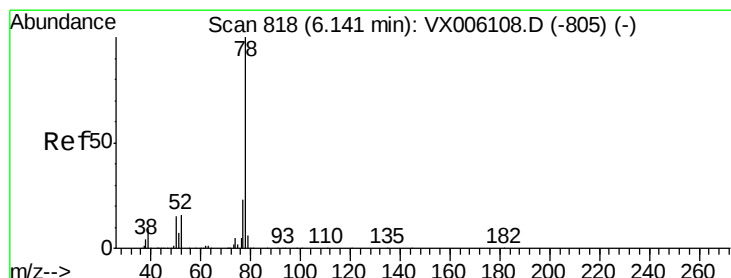
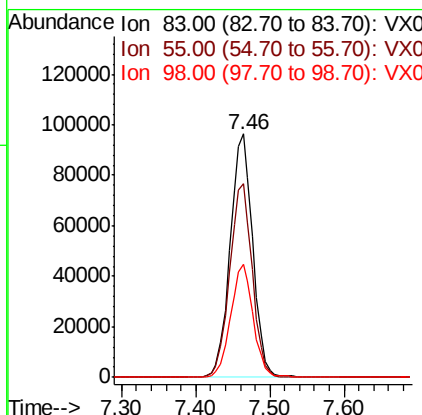
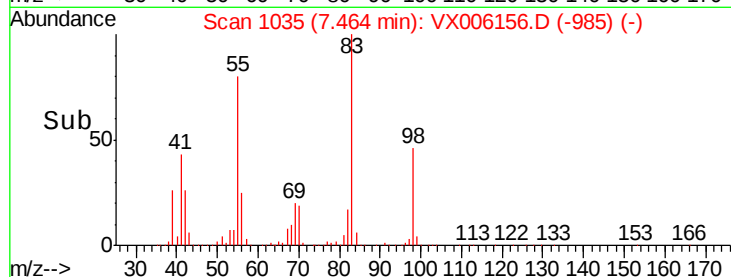
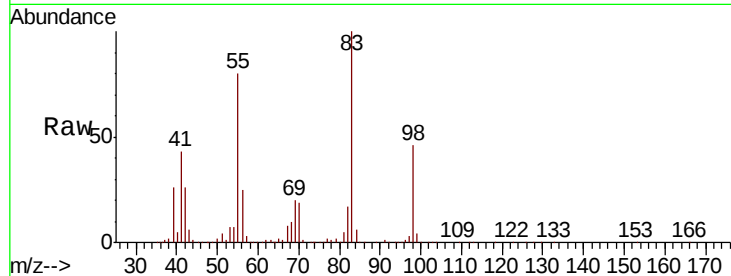
#39
Methvlcvclohexane
Concen: 47.234 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.9	95.9
98	46.4	36.8	55.2

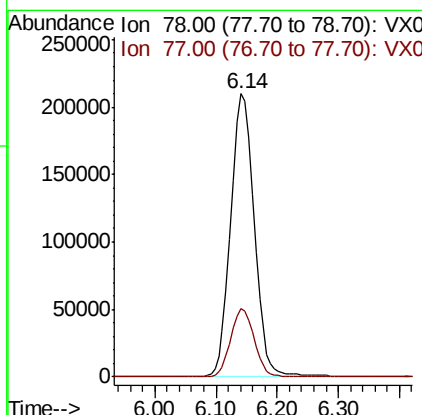
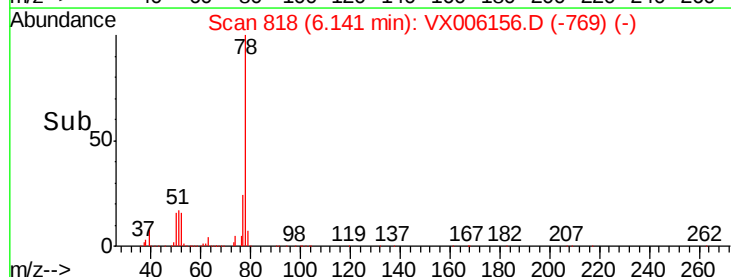
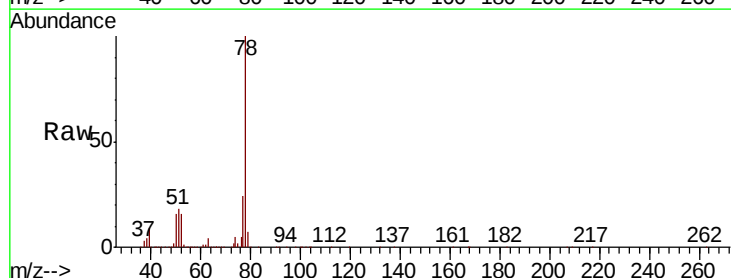
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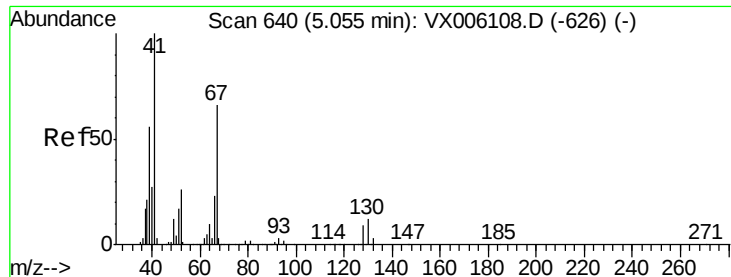
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#40
Benzene
Concen: 50.025 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





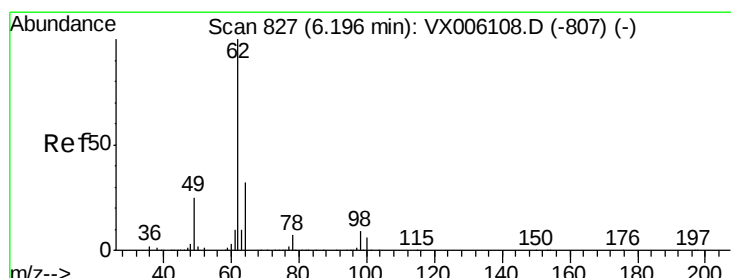
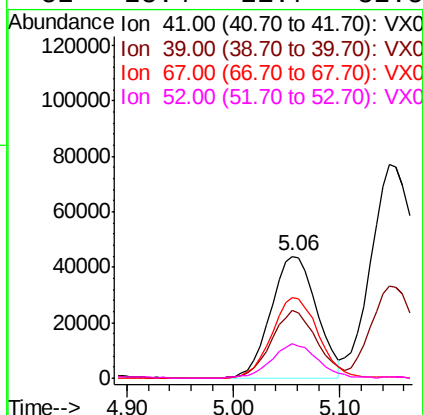
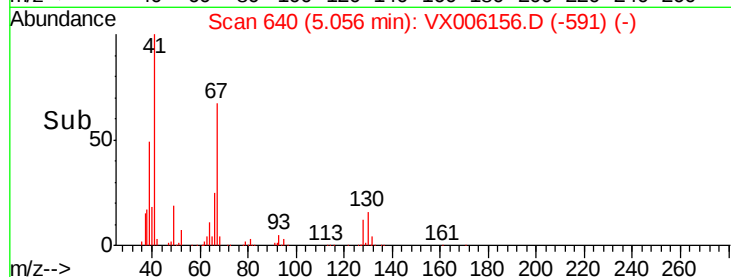
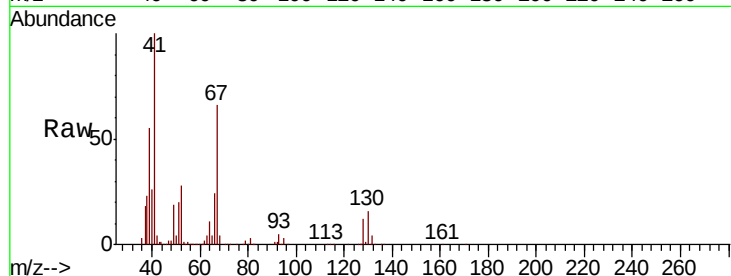
#41
Methacrylonitrile
Concen: 48.371 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	44.1	66.1	
67	68.4	54.1	81.1	
52	28.4	21.7	32.5	

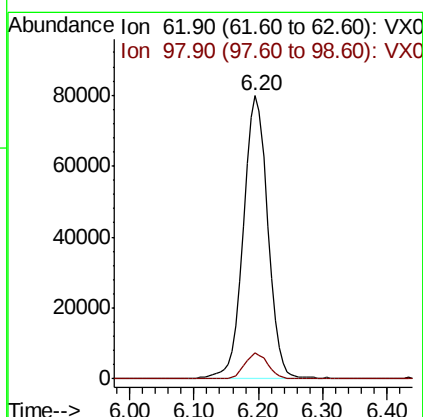
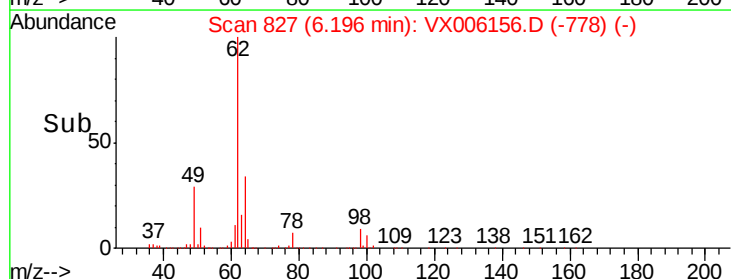
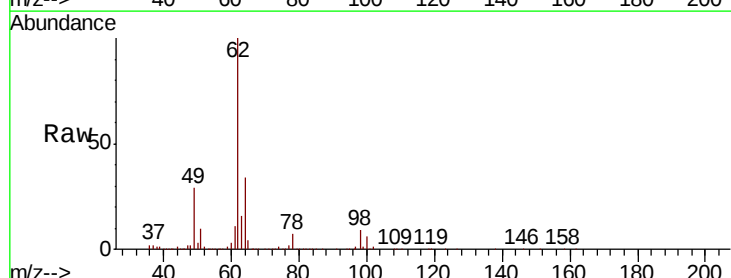
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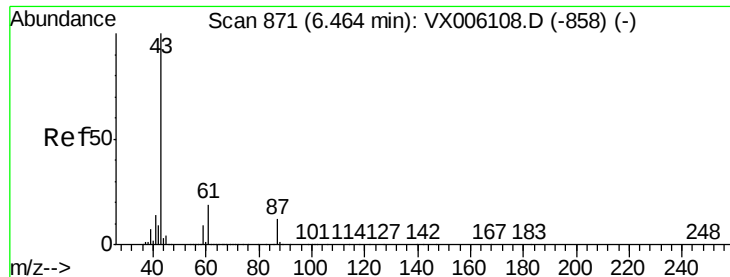
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.415 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	





#43

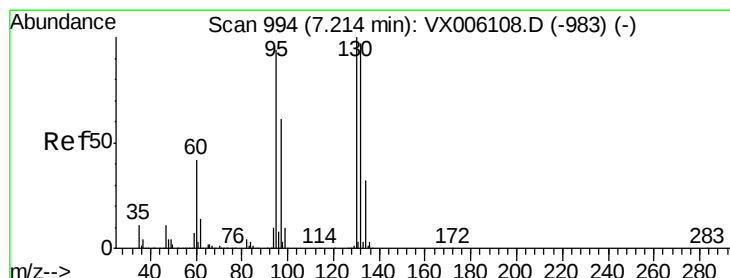
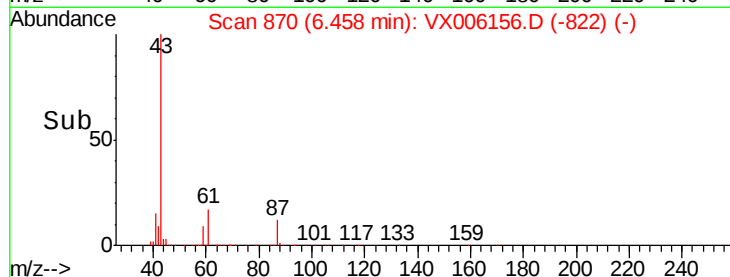
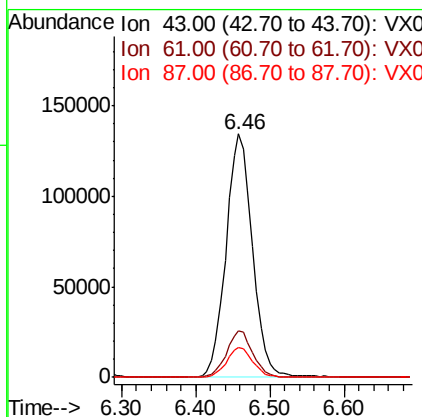
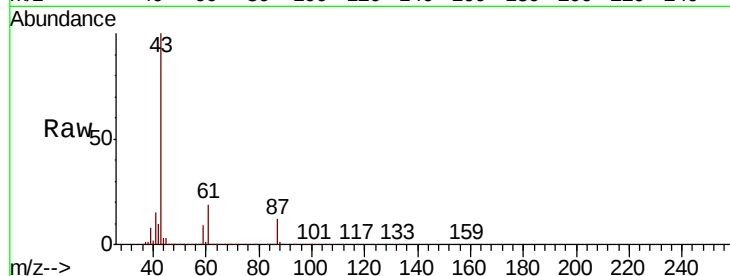
Isopropyl Acetate
 Concen: 47.273 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.6	14.4

Manual Integrations
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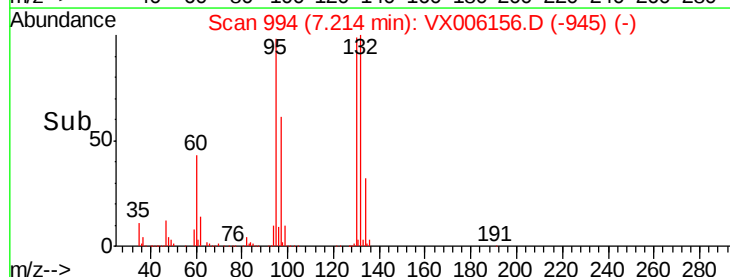
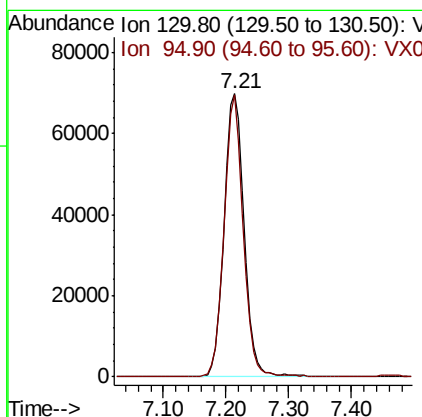
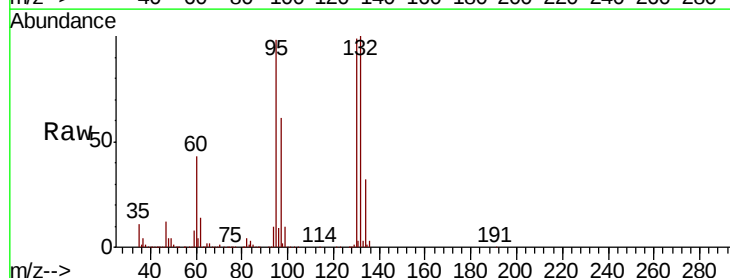
MMDadoda
 11/26/2018 9:49:02 AM

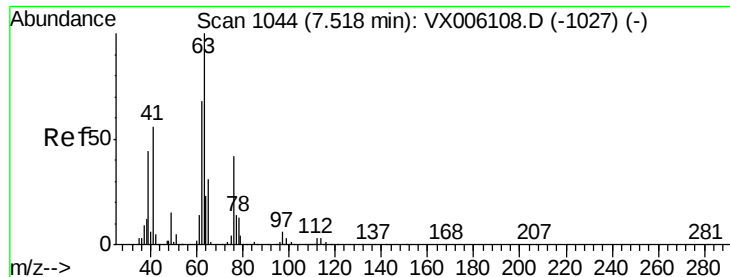


#44

Trichloroethene
 Concen: 49.646 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	188.8





#45

1,2-Dichloropropane

Concen: 51.067 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 63 Resp: 150951

Ion Ratio Lower Upper

63 100

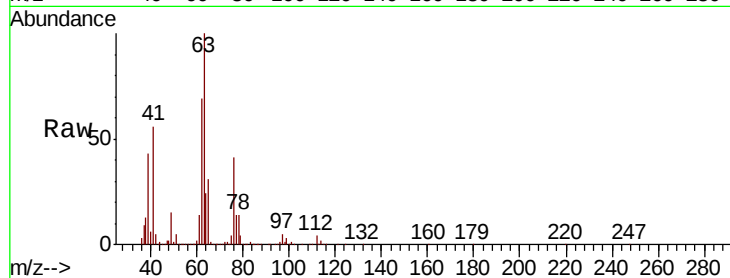
65 31.1 24.8 37.2

Manual Integrations

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MMDadoda

11/26/2018 9:49:02 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

60000

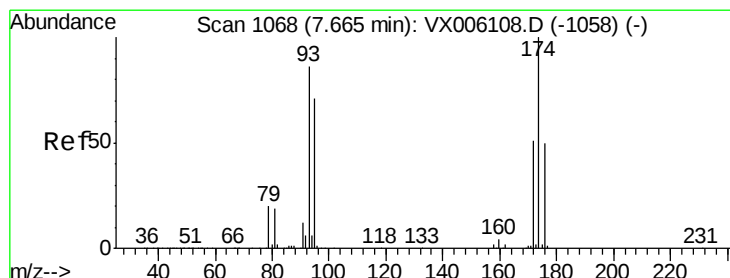
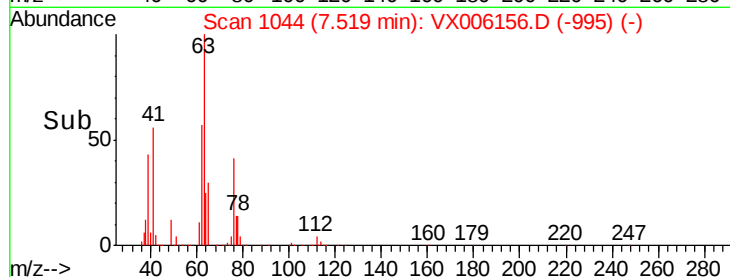
40000

20000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 49.970 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

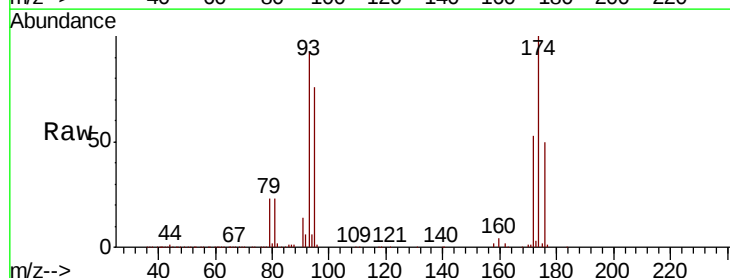
Tgt Ion: 93 Resp: 101156

Ion Ratio Lower Upper

93 100

95 82.0 66.3 99.5

174 114.2 91.0 136.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

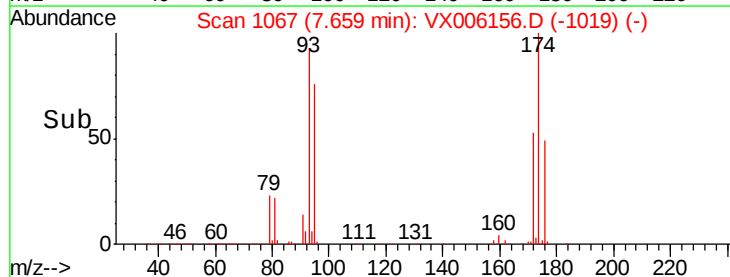
40000

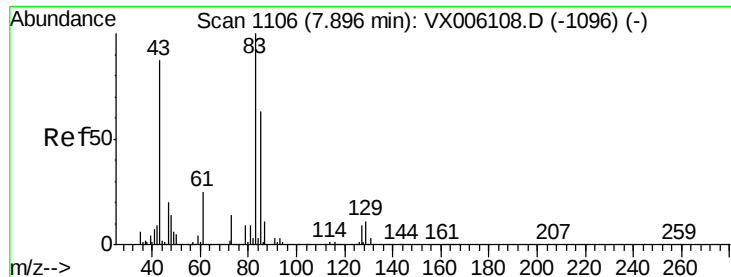
20000

0

7.60 7.70 7.80

Time-->





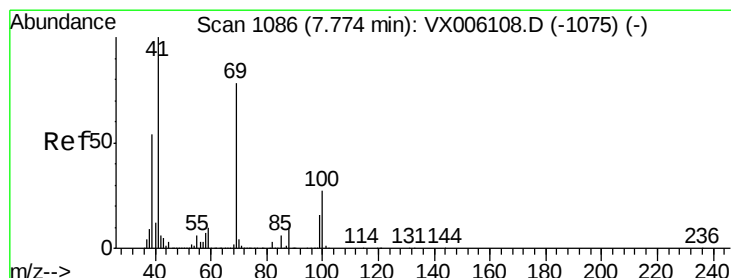
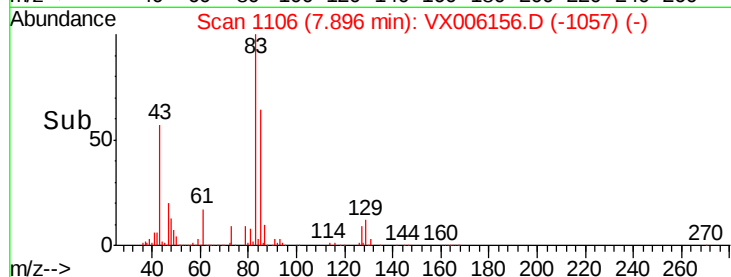
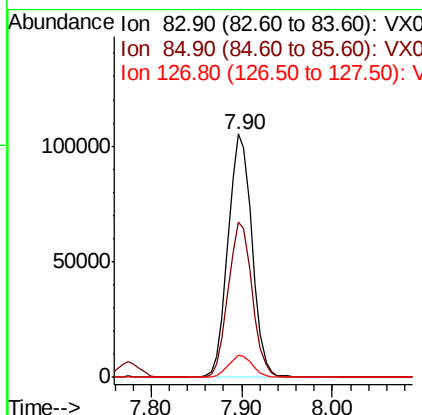
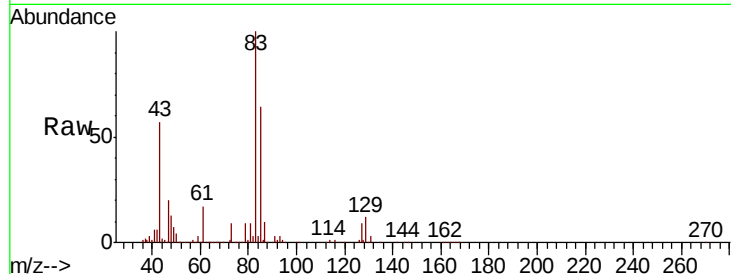
#47
Bromodichloromethane
Concen: 51.567 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.4	75.6
127	9.1	7.0	10.4

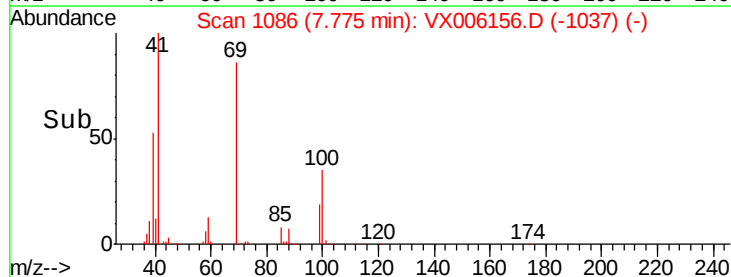
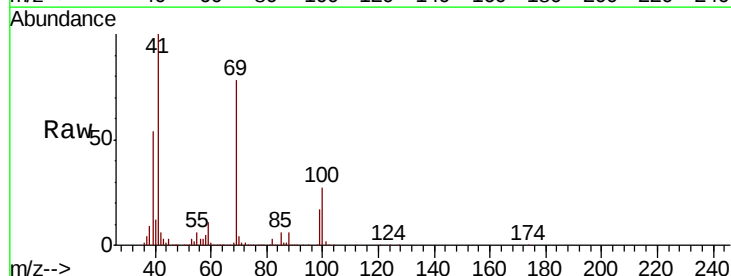
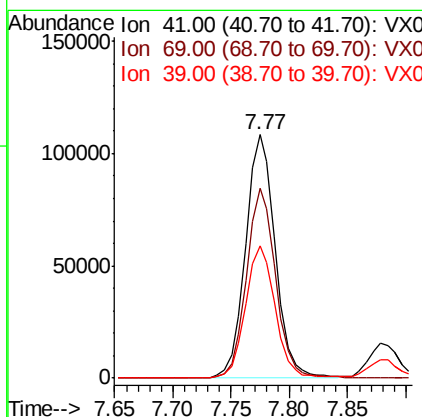
Manual Integrations
APPROVED

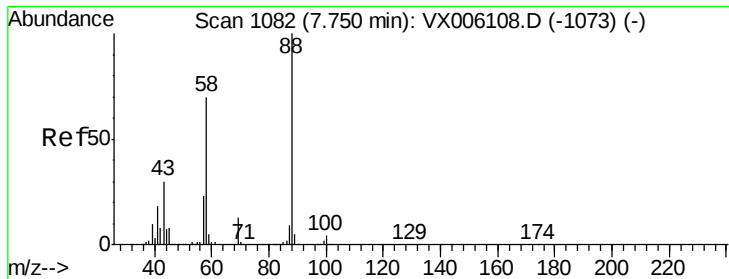
MMDadoda
11/26/2018 9:49:02 AM



#48
Methyl methacrylate
Concen: 53.529 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.8	62.8	94.2
39	54.6	43.8	65.6





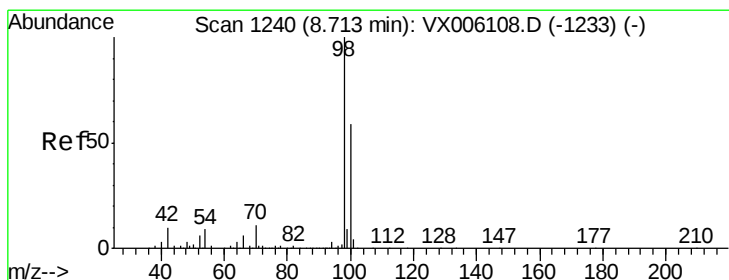
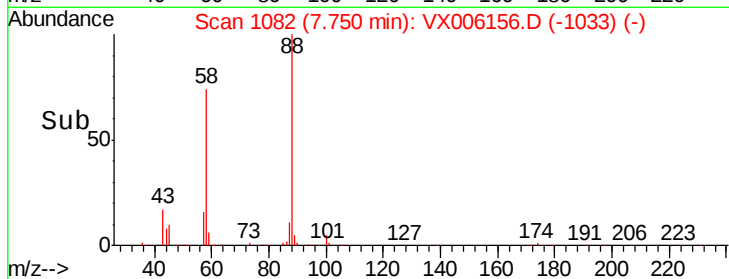
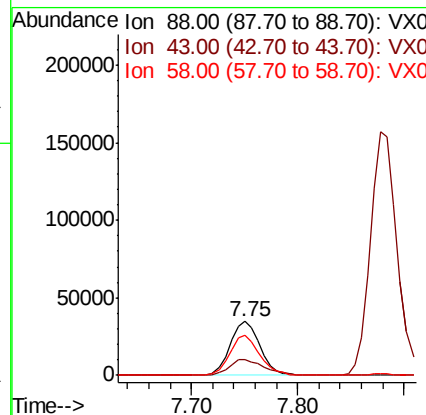
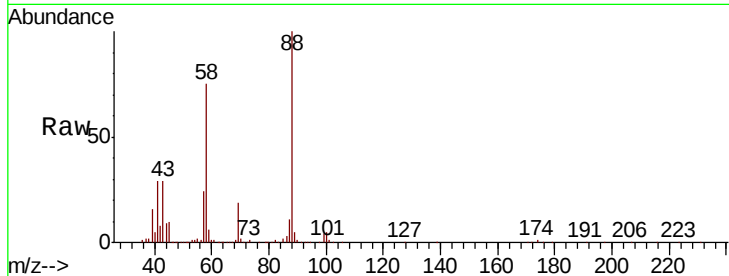
#49
1,4-Dioxane
Concen: 811.269 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	26.7	40.1
58	73.5	58.5	87.7

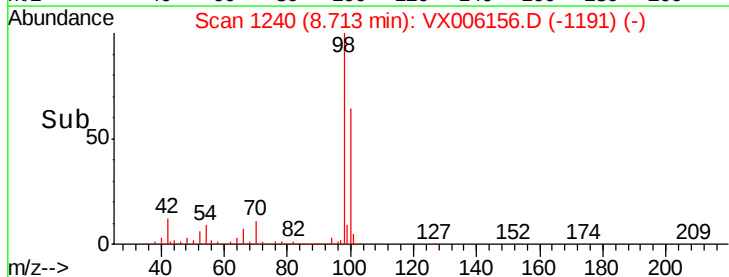
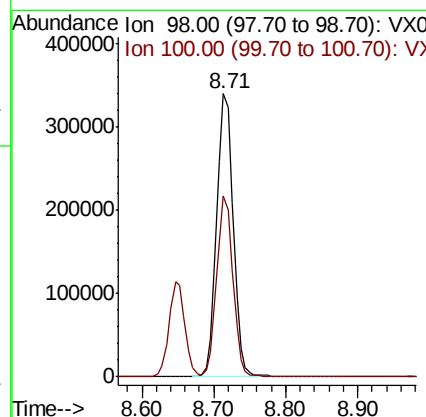
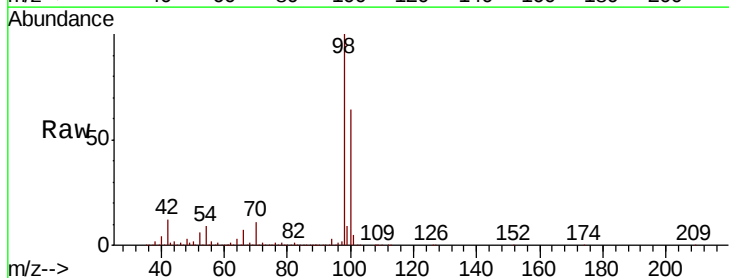
Manual Integrations
APPROVED

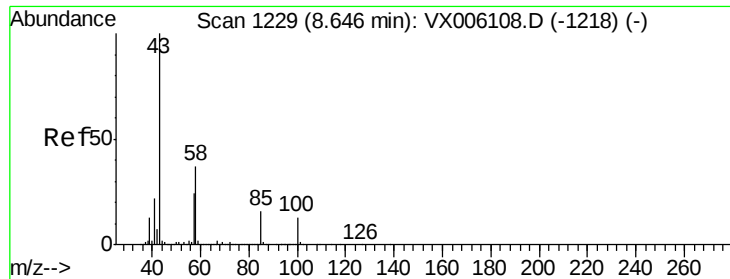
MMDadoda
11/26/2018 9:49:02 AM



#50
Toluene-d8
Concen: 52.894 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 252.589 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 43 Resp: 1275524

Ion Ratio Lower Upper

43 100

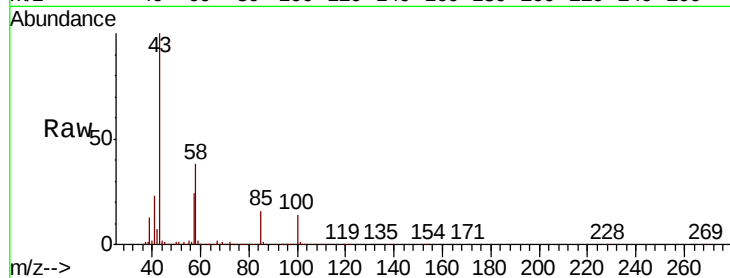
58 37.5 29.9 44.9

Manual Integrations

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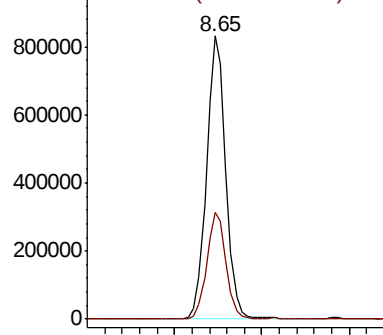
MMDadoda

11/26/2018 9:49:02 AM

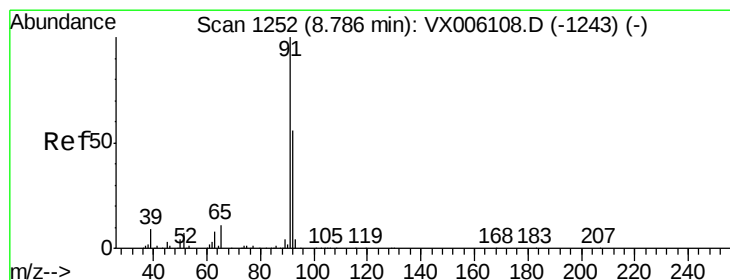
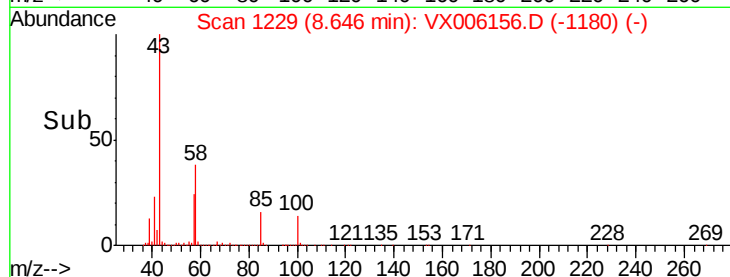


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 51.859 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006156.D

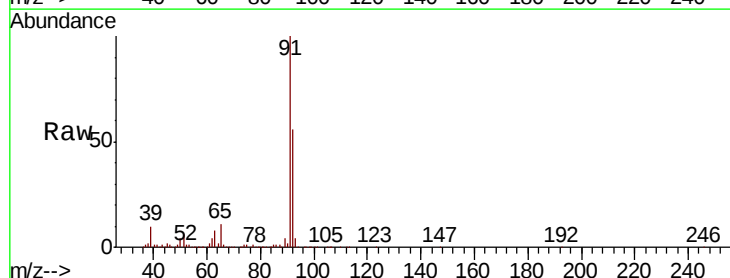
Acq: 22 Nov 2018 06:43

Tgt Ion: 92 Resp: 358273

Ion Ratio Lower Upper

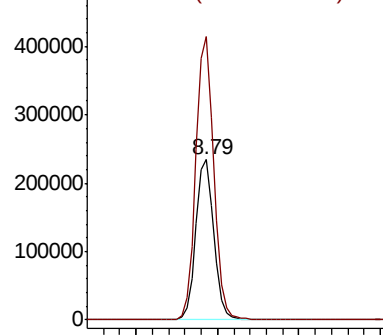
92 100

91 176.4 142.5 213.7

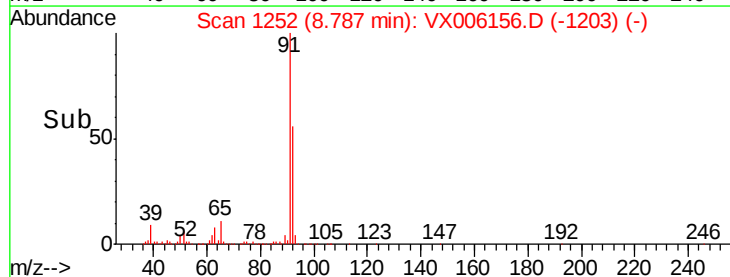


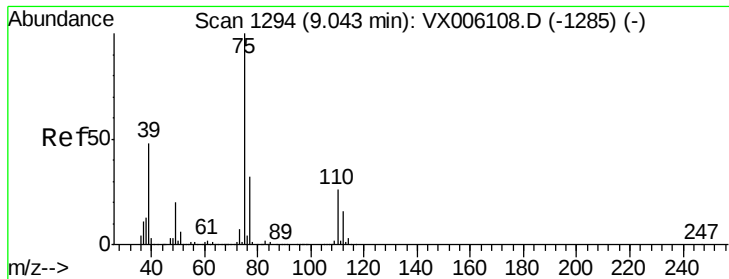
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 50.539 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 75 Resp: 197456

Ion Ratio Lower Upper

75 100

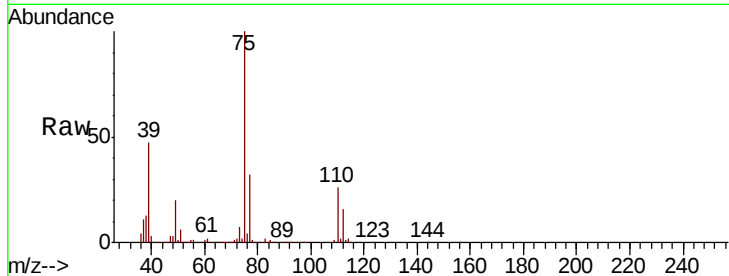
77 32.0 25.7 38.5

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

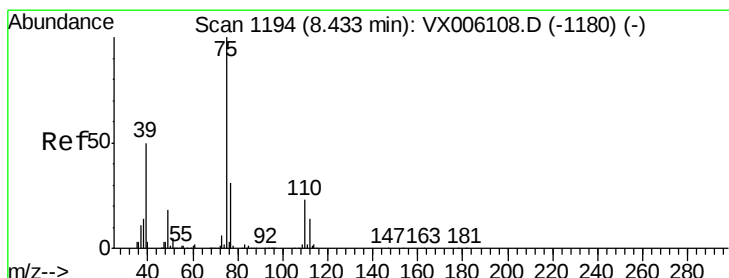
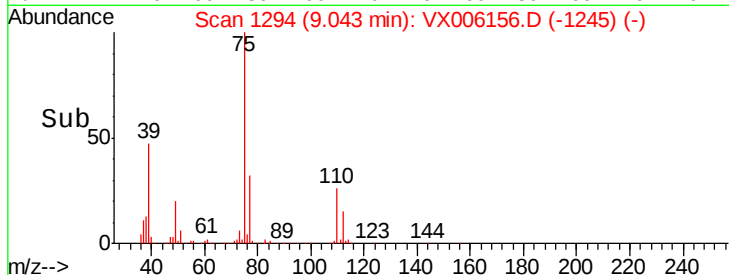
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.749 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

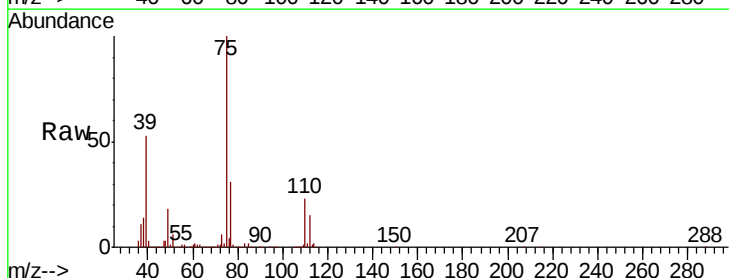
Tgt Ion: 75 Resp: 210551

Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 53.3 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

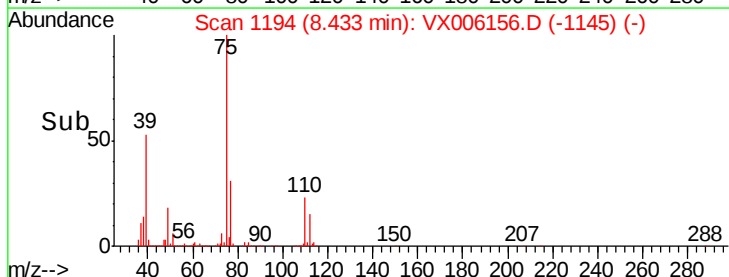
150000

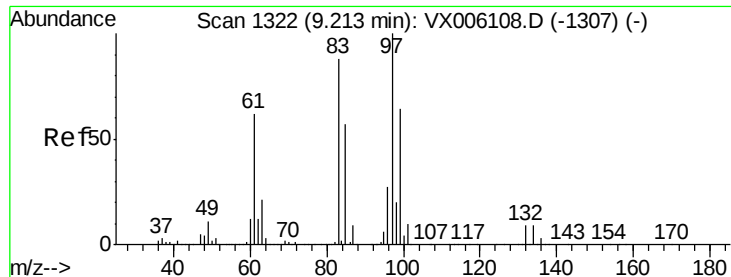
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.644 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

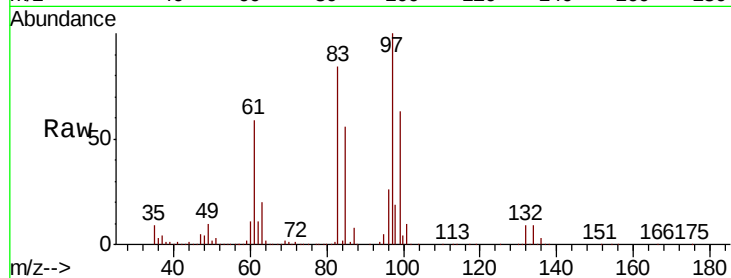
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	97	Resp:	151528
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.7	106.1
85	56.3	45.7	68.5
99	63.3	51.4	77.2

Manual Integrations
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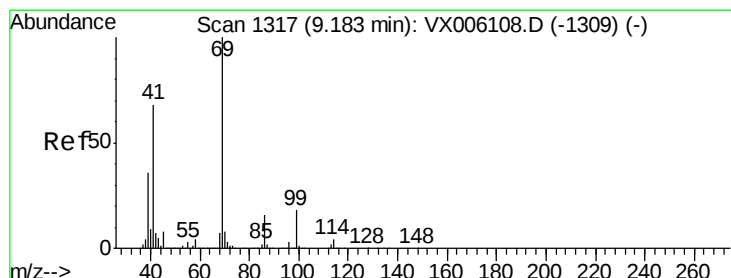
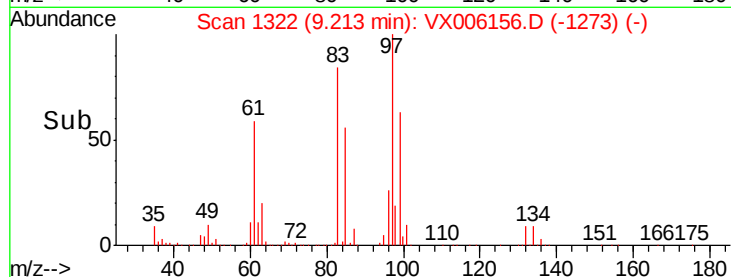
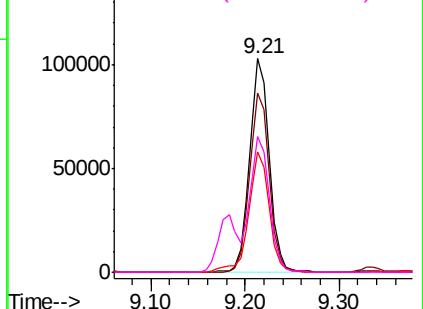
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.953 ug/l

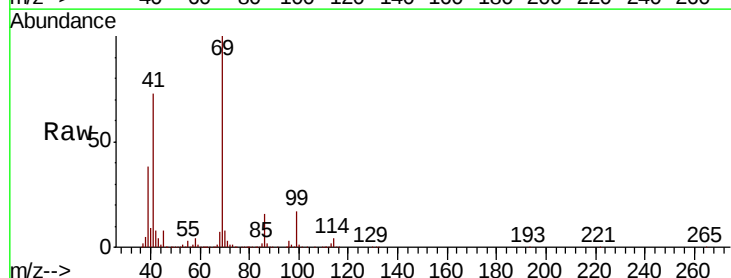
RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Tgt Ion:	69	Resp:	222842
Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.2	84.4
39	37.0	29.4	44.0

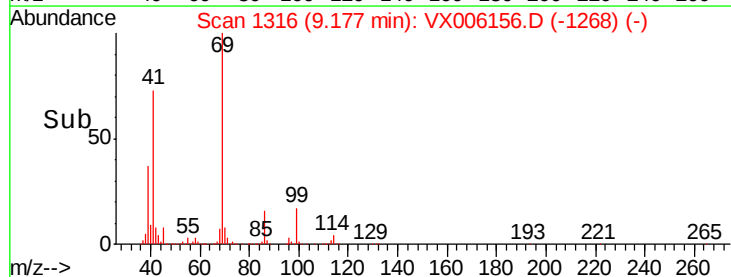
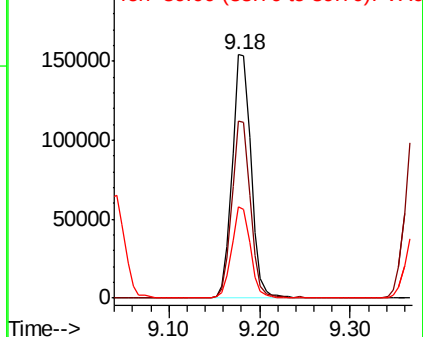


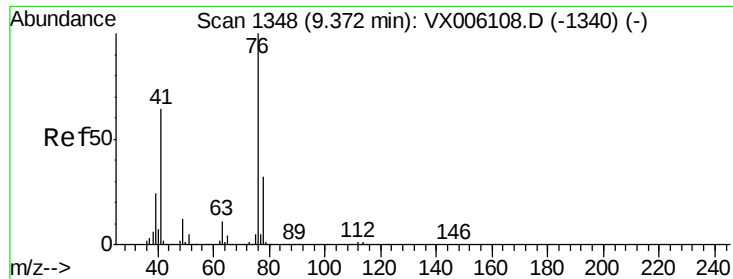
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.291 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 76 Resp: 248021

Ion Ratio Lower Upper

76 100

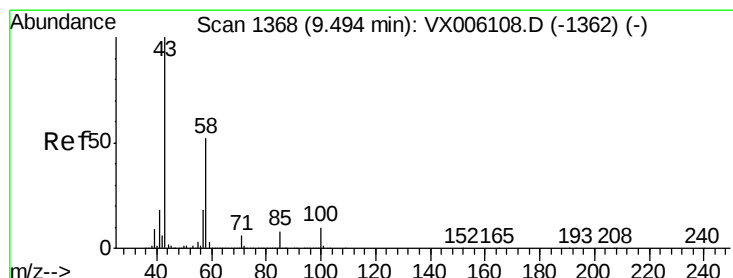
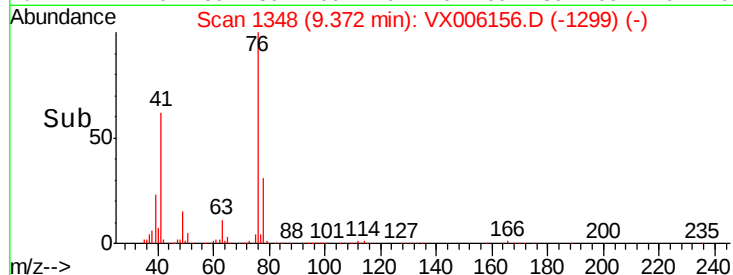
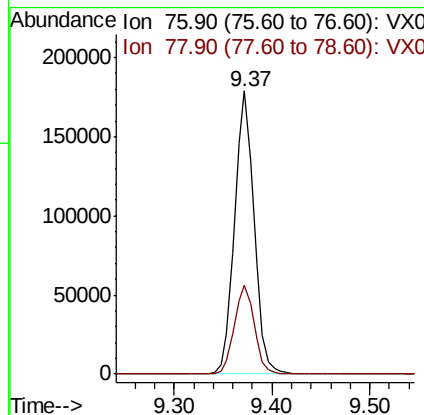
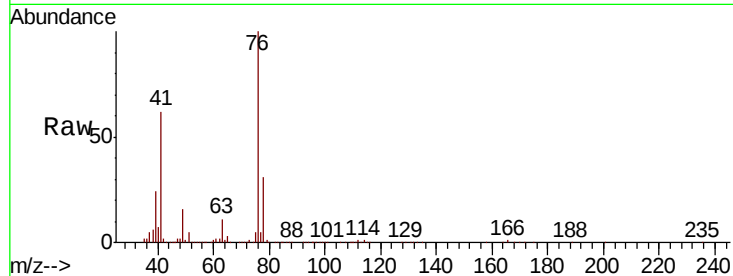
78 32.1 25.7 38.5

Manual Integrations

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#59

2-Hexanone

Concen: 248.320 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006156.D

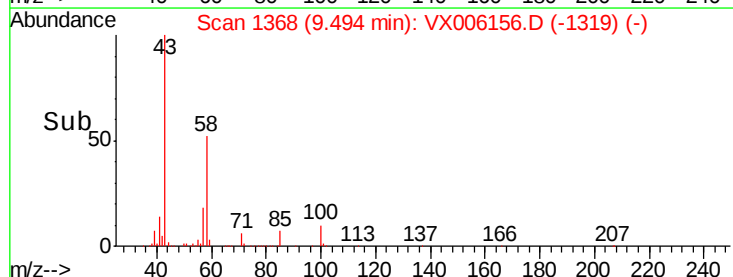
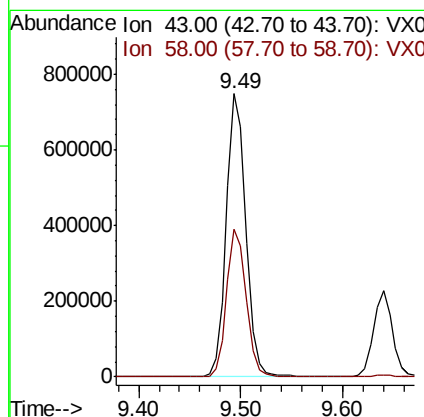
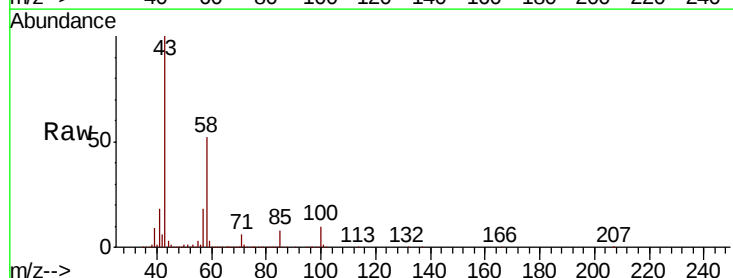
Acq: 22 Nov 2018 06:43

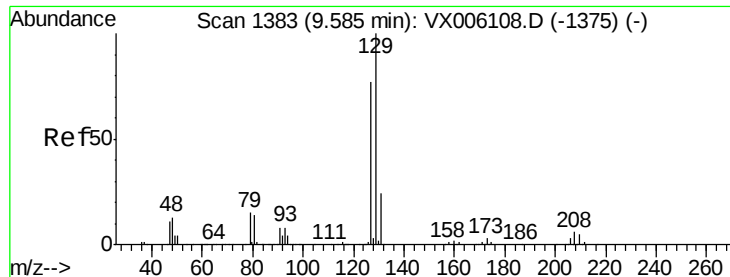
Tgt Ion: 43 Resp: 995163

Ion Ratio Lower Upper

43 100

58 52.5 26.3 78.9





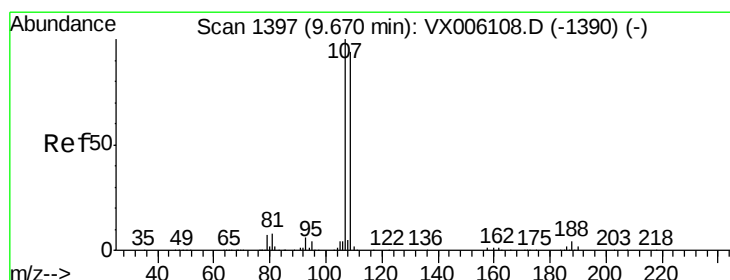
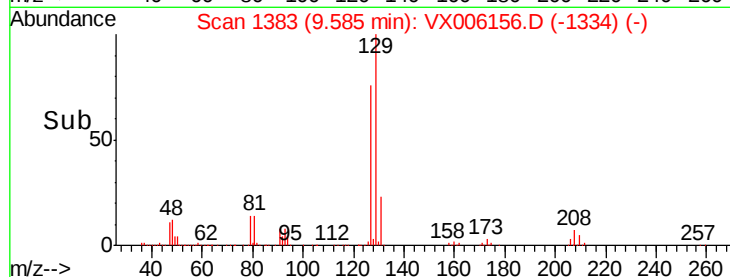
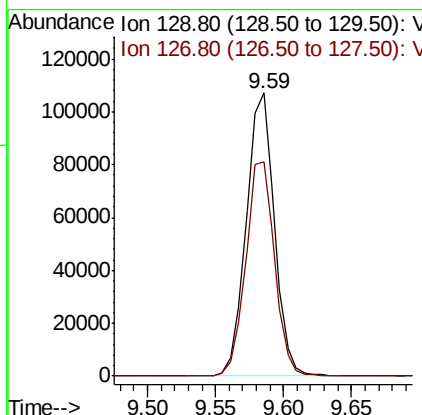
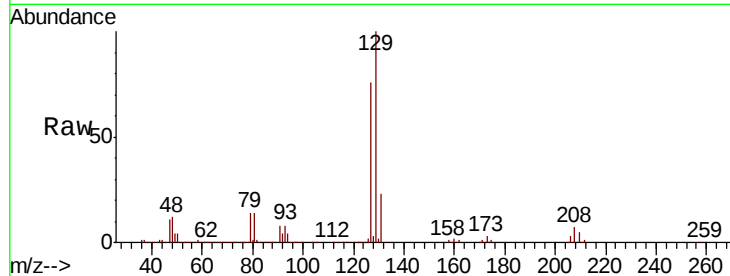
#60
 Dibromochloromethane
 Concen: 52.970 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.6	39.1	117.5	

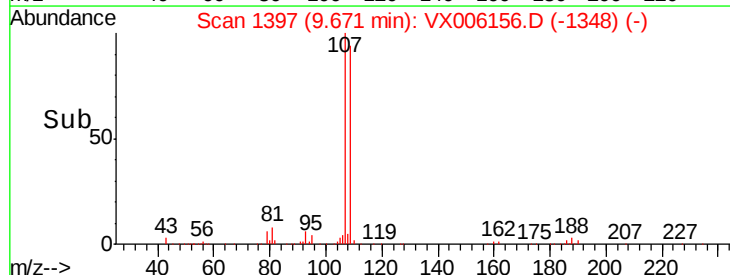
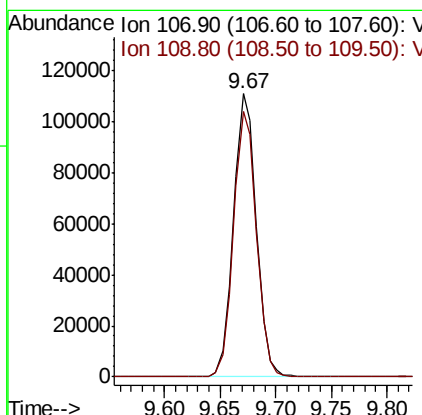
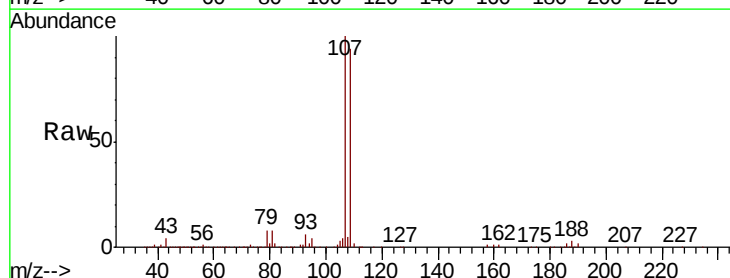
Manual Integrations
 APPROVED

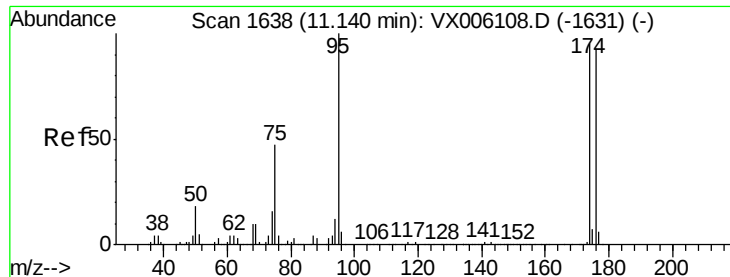
MMDadoda
 11/26/2018 9:49:02 AM



#61
 1,2-Dibromoethane
 Concen: 50.976 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	94.5	75.7	113.5	





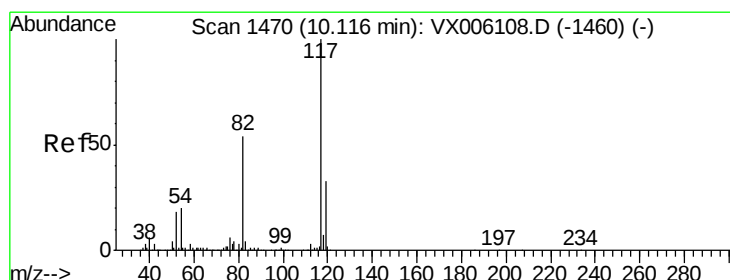
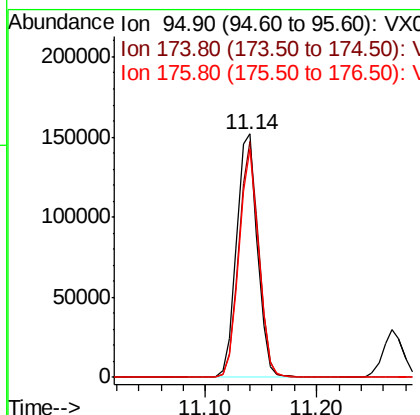
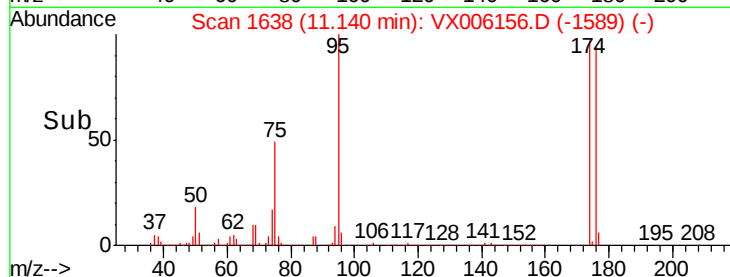
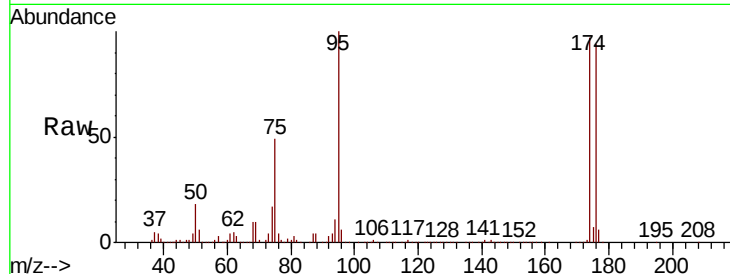
#62
4-Bromofluorobenzene
Concen: 51.676 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	197825		
174	92.1	0.0	184.4	
176	88.7	0.0	179.0	

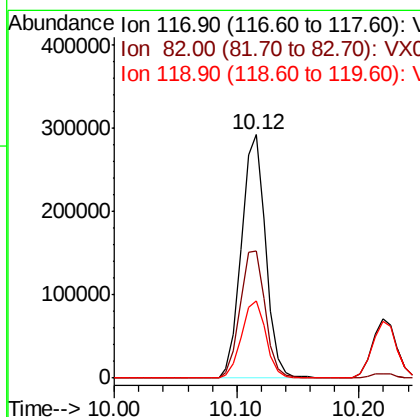
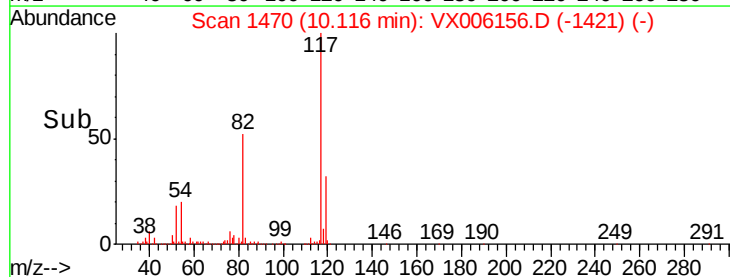
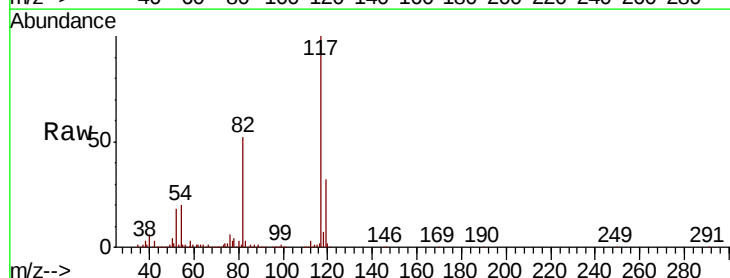
Manual Integrations
APPROVED

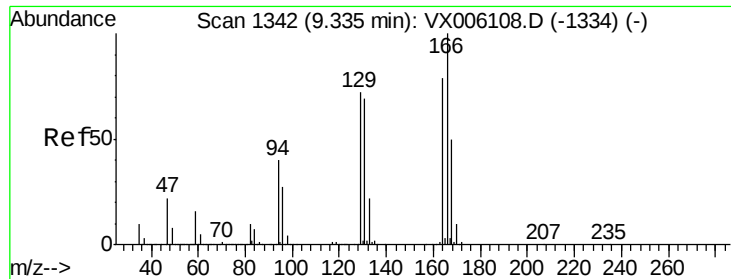
MMDadoda
11/26/2018 9:49:02 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	398036		
82	52.2	43.0	64.4	
119	31.8	26.1	39.1	





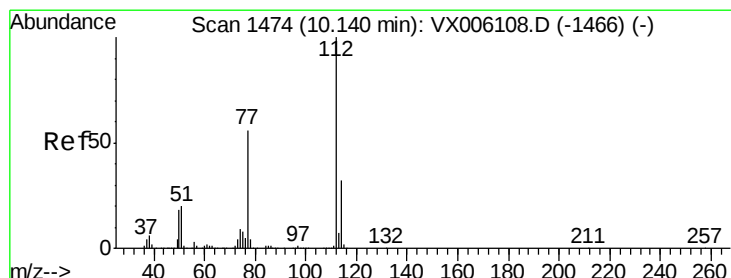
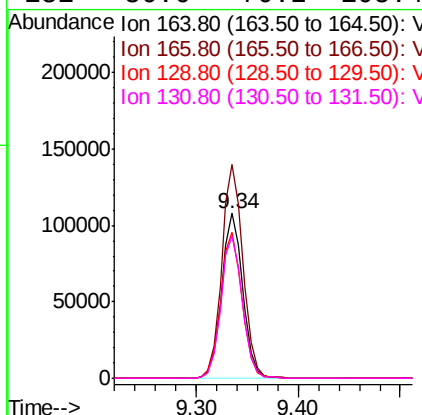
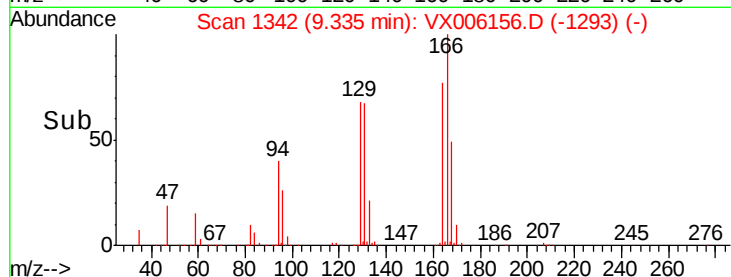
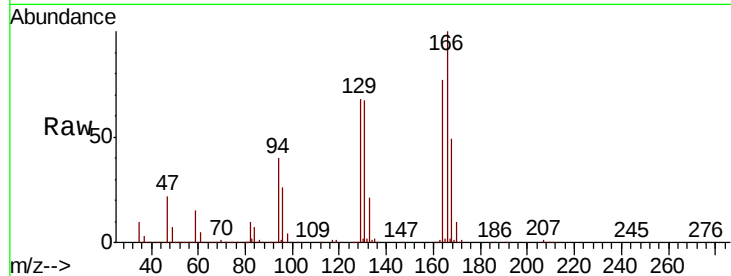
#64
Tetrachloroethene
Concen: 47.516 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.7	101.5	152.3
129	88.7	73.4	110.0
131	86.6	70.2	105.4

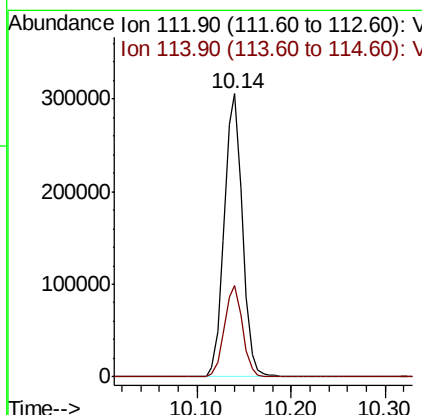
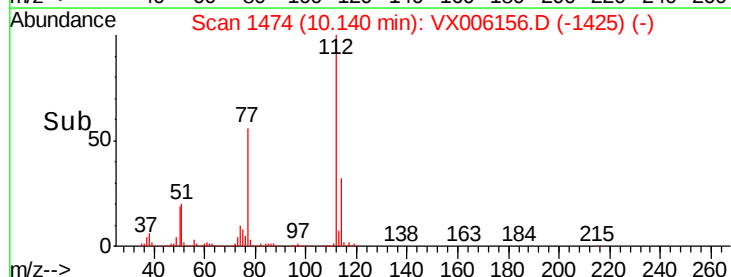
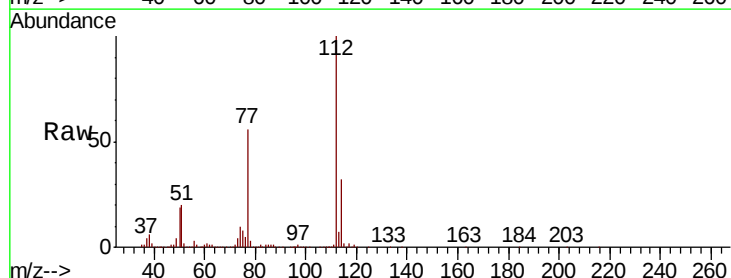
Manual Integrations
APPROVED

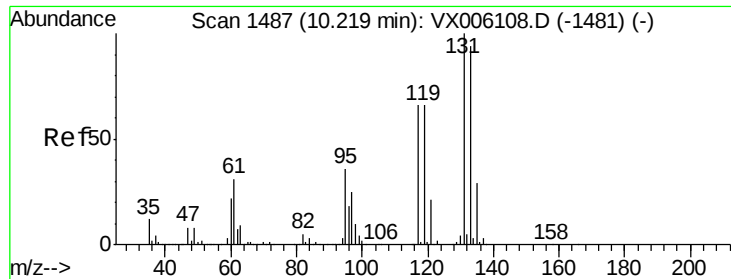
MMDadoda
11/26/2018 9:49:02 AM



#65
Chlorobenzene
Concen: 50.050 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4





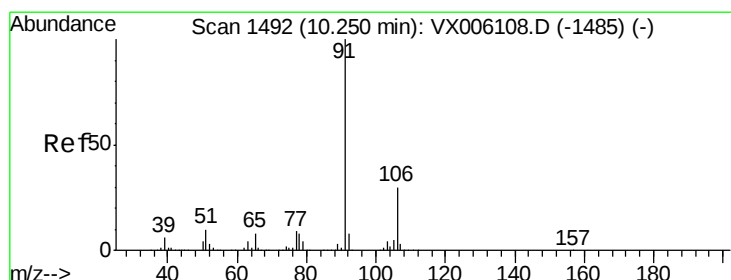
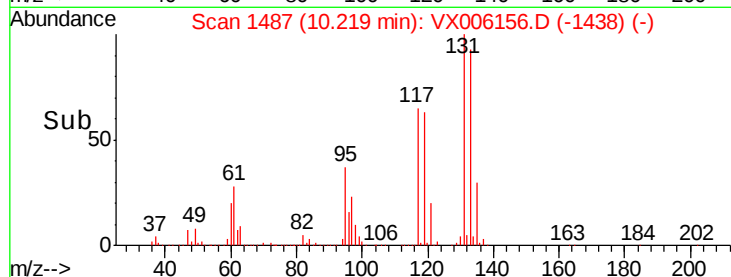
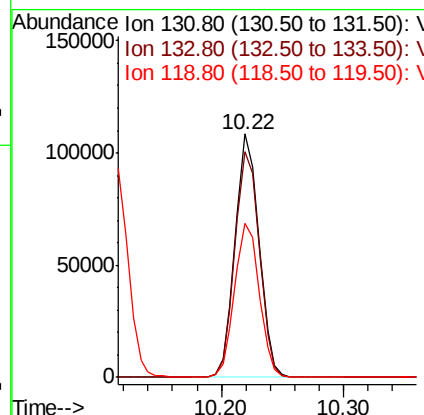
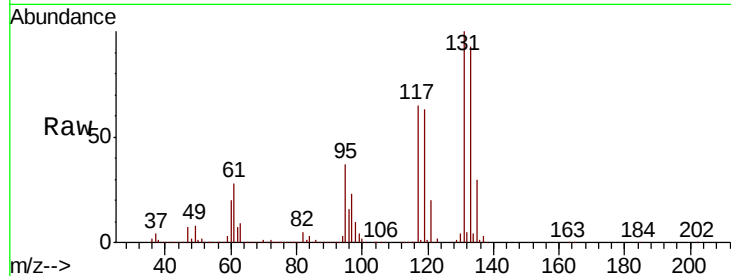
#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.206 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	146335		
133	94.9	48.0	144.2	
119	65.2	32.6	97.8	

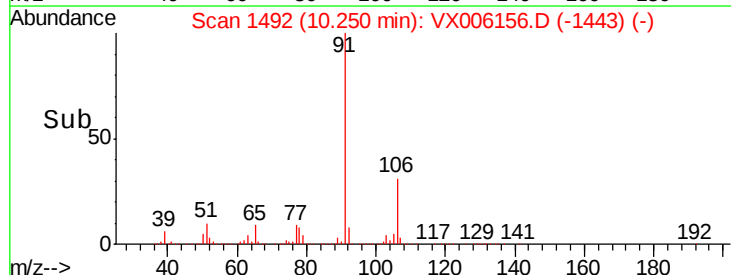
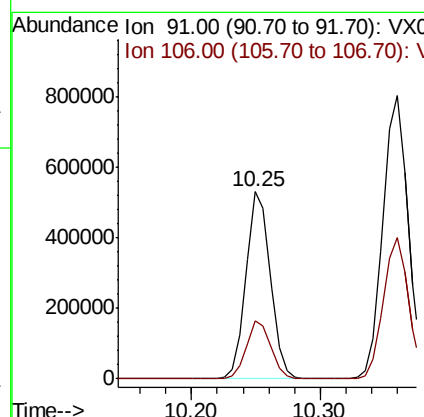
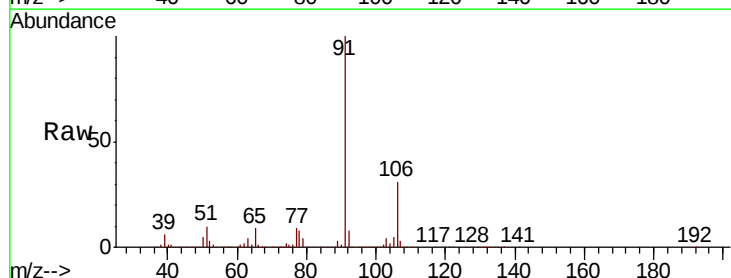
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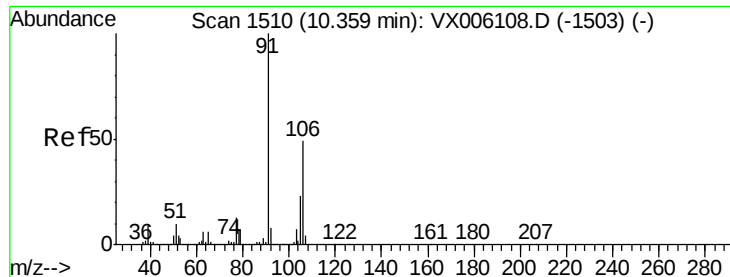
MMDadoda
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#67
 Ethyl Benzene
 Concen: 51.771 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	692091		
106	31.1	24.4	36.6	





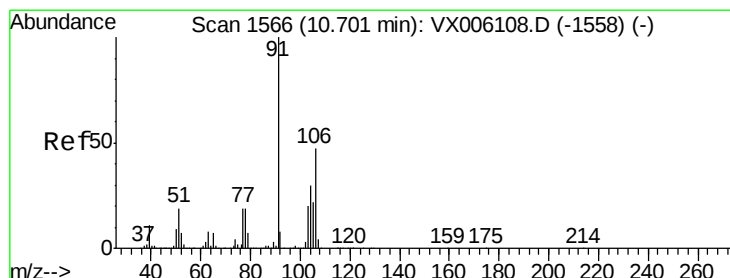
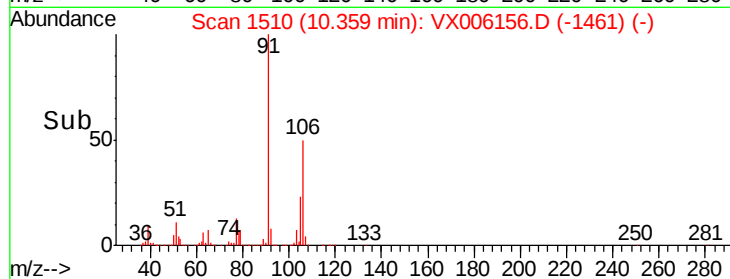
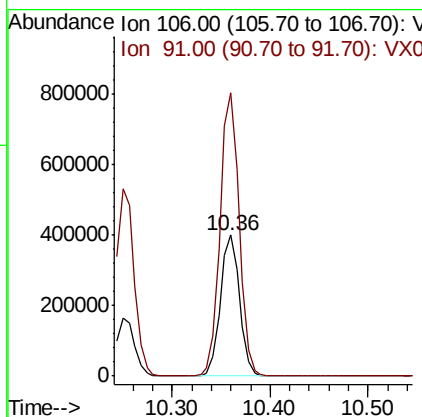
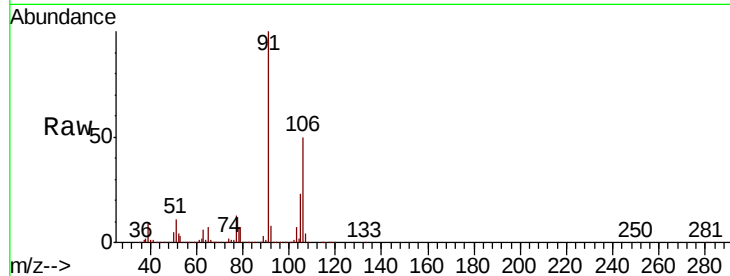
#68
m/p-Xylenes
Concen: 104.237 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion:106 Resp: 542612
Ion Ratio Lower Upper
106 100
91 200.6 162.0 243.0

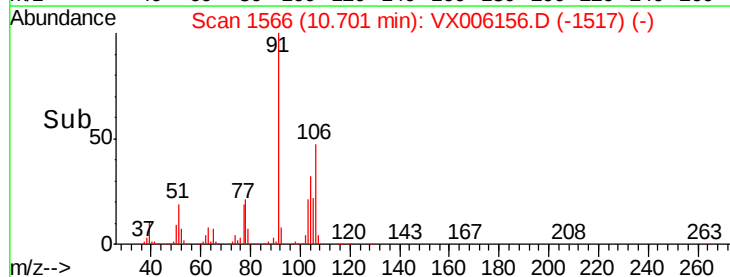
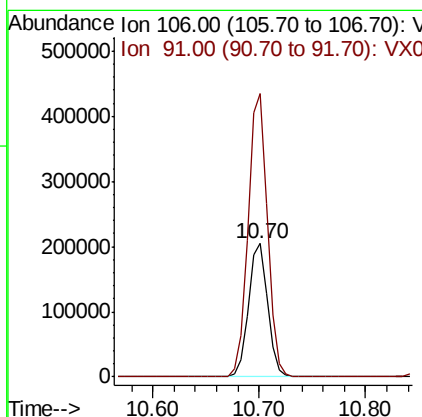
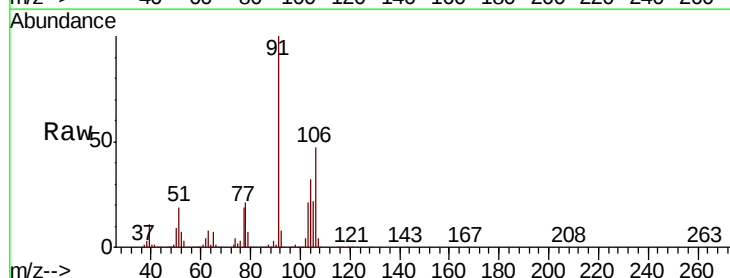
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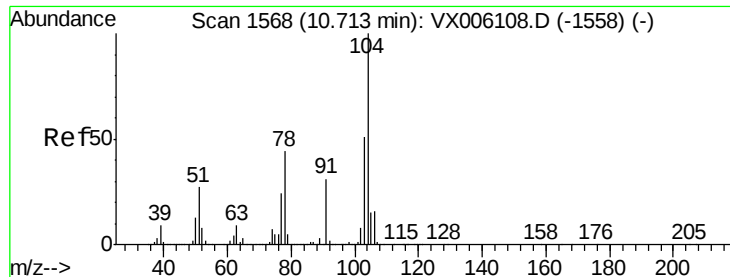
MMDadoda
11/26/2018 9:49:02 AM



#69
o-Xylene
Concen: 52.157 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion:106 Resp: 259344
Ion Ratio Lower Upper
106 100
91 213.9 107.4 322.2





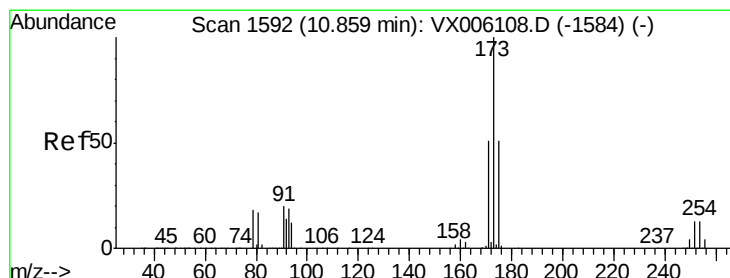
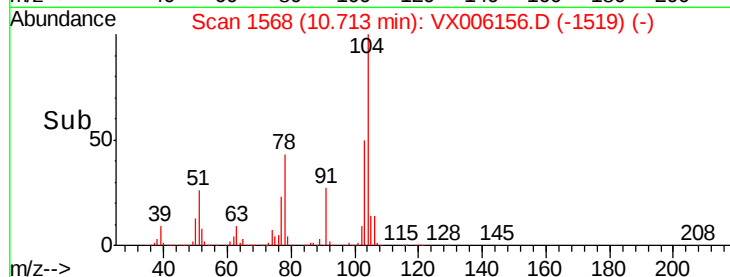
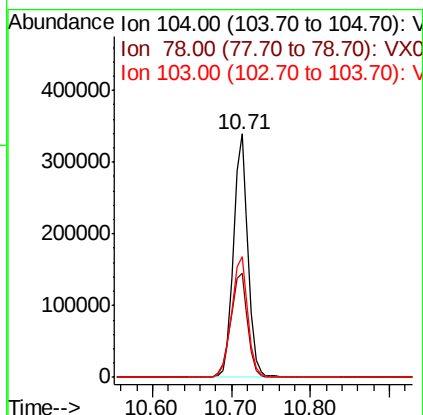
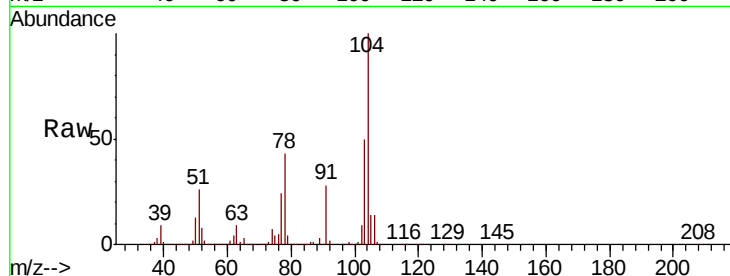
#70
Stvrene
Concen: 53.603 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	434587		
78	49.6		39.4	59.2
103	55.7		44.6	67.0

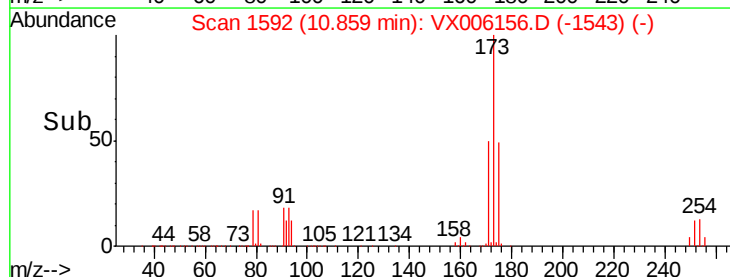
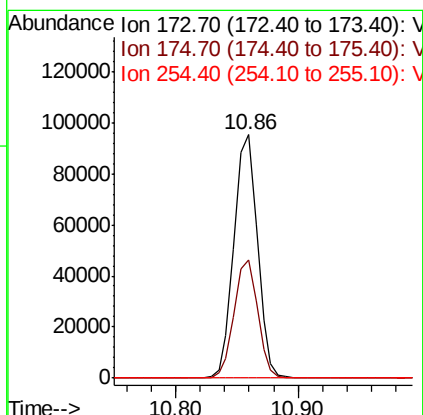
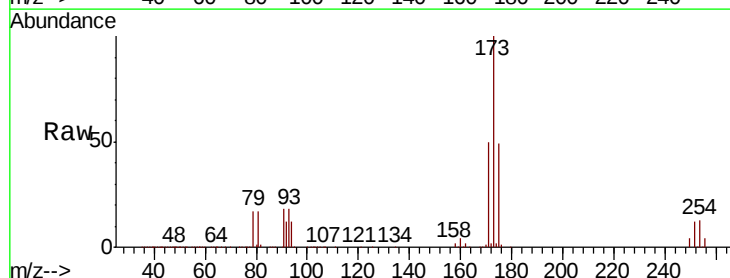
Manual Integrations
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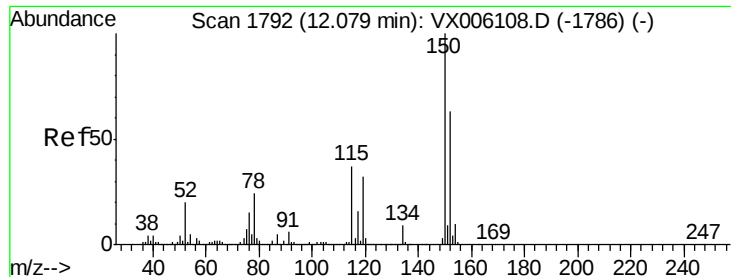
MMDadoda
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#71
Bromoform
Concen: 50.425 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	126519		
175	48.9		24.9	74.6
254	0.2		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: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion:152 Resp: 220742

Ion Ratio Lower Upper

152 100

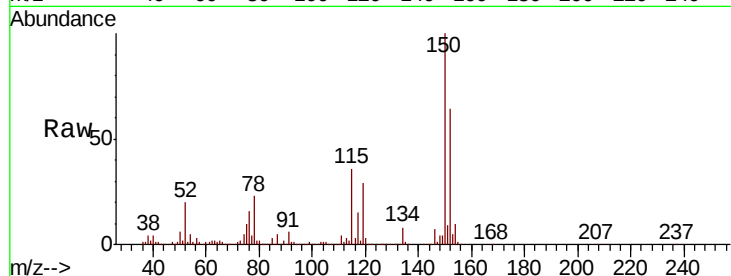
115 75.4 39.0 116.9

150 170.7 0.0 346.6

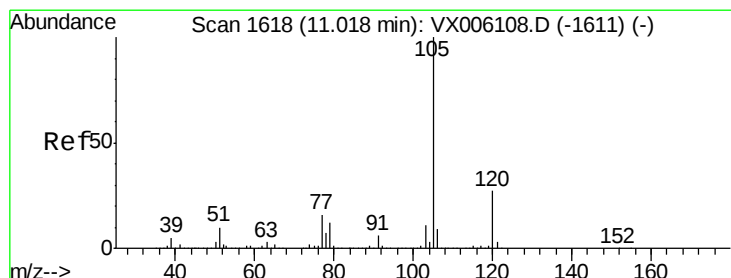
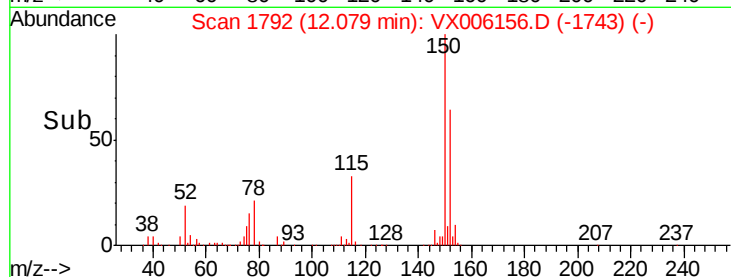
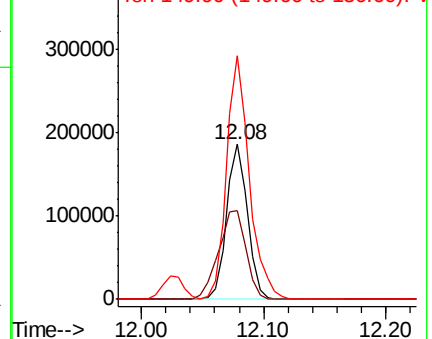
Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 52.648 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006156.D

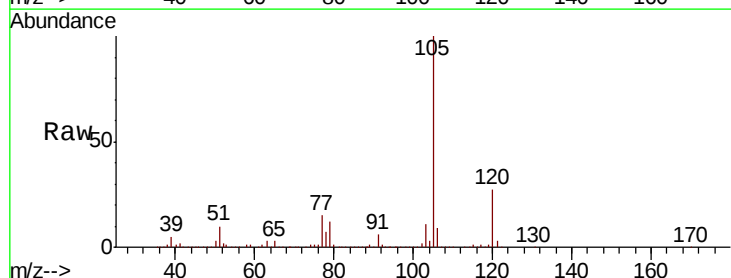
Acq: 22 Nov 2018 06:43

Tgt Ion:105 Resp: 703177

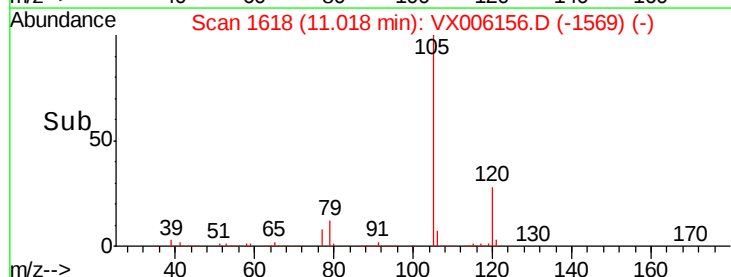
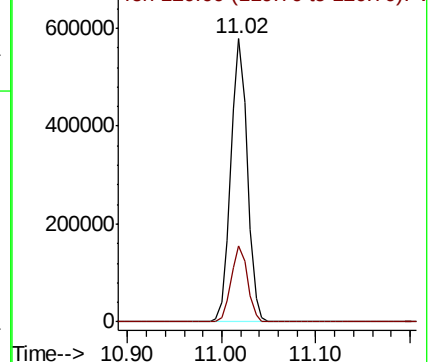
Ion Ratio Lower Upper

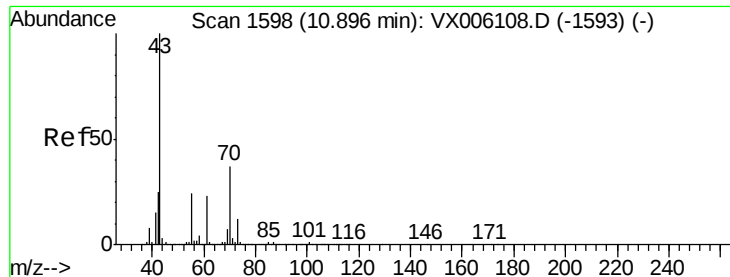
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.927 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

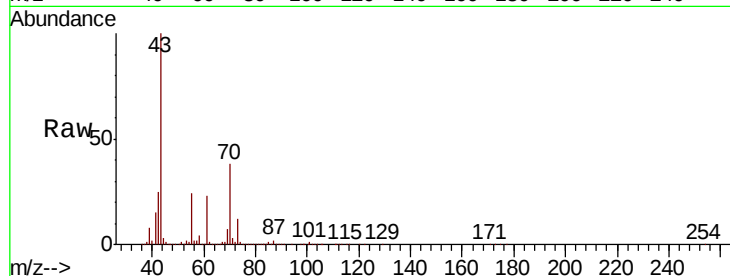
ClientSampleId :

EP2-MW-101MSD

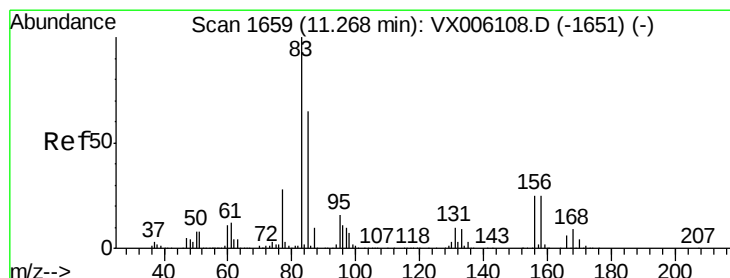
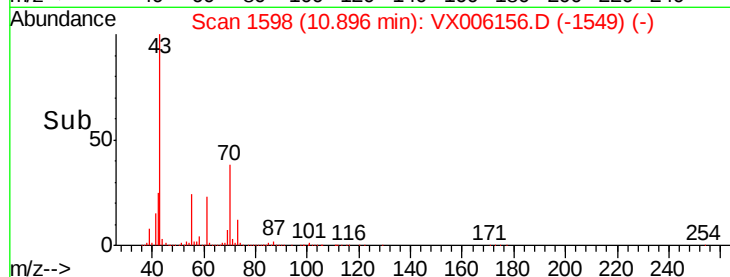
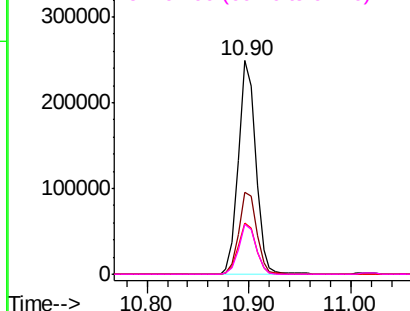
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	39.6	31.8	47.6	
55	24.5	19.5	29.3	
61	23.2	18.6	27.8	

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.961 ug/l

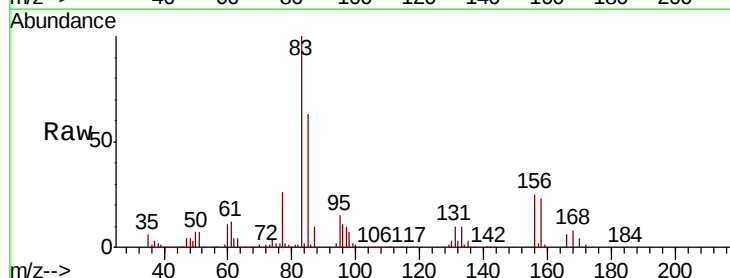
RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

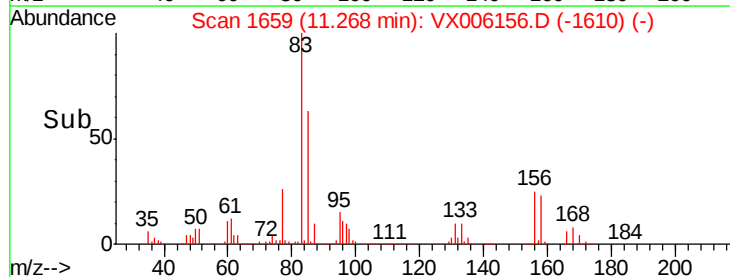
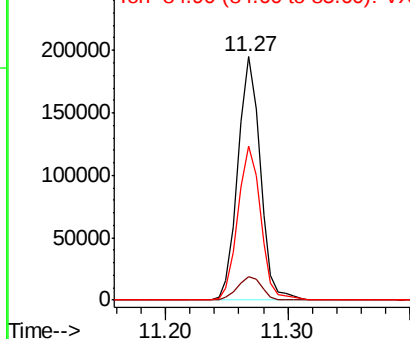
Lab File: VX006156.D

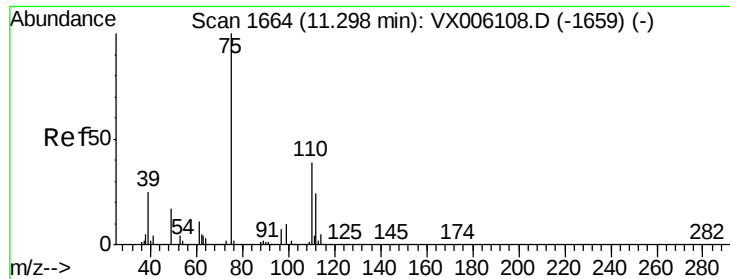
Acq: 22 Nov 2018 06:43

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.1	5.2	15.6	
85	64.5	32.6	97.8	



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 50.530 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 75 Resp: 229639

Ion Ratio Lower Upper

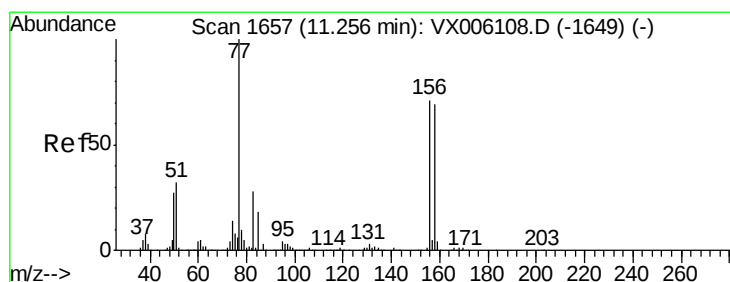
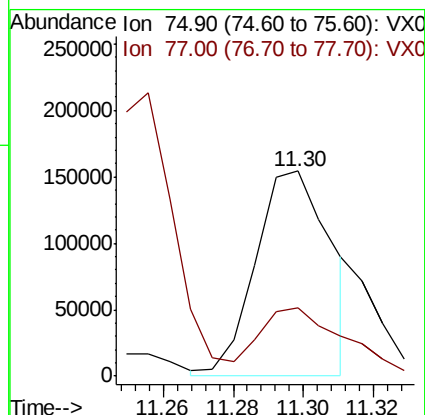
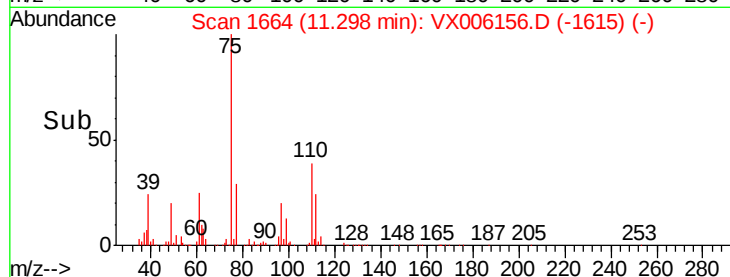
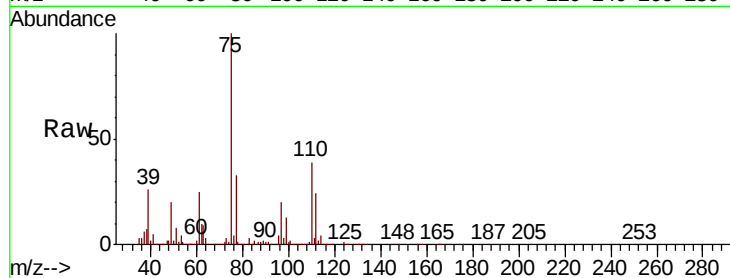
75 100

77 37.8 19.6 58.7

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#77

Bromobenzene

Concen: 50.511 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

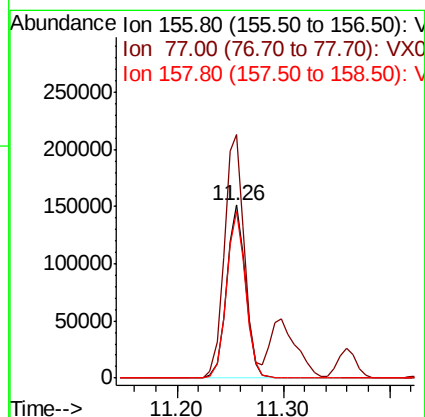
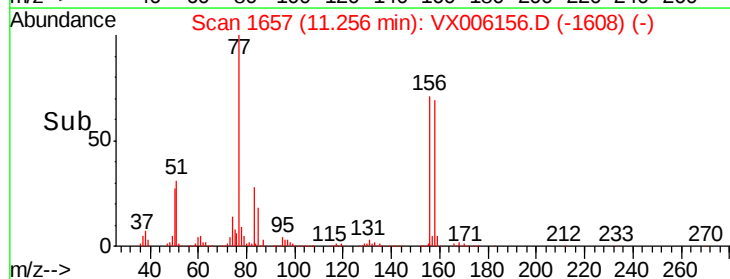
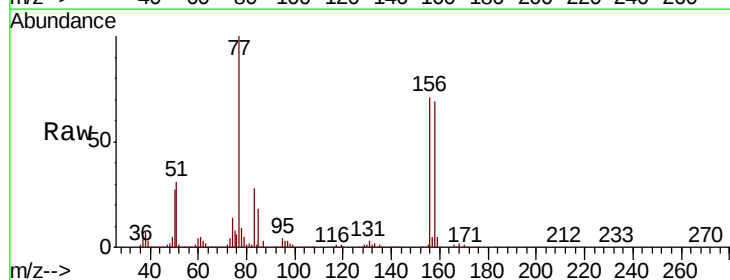
Tgt Ion: 156 Resp: 188987

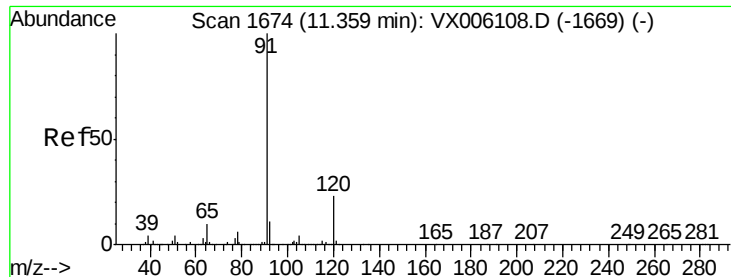
Ion Ratio Lower Upper

156 100

77 147.8 74.3 222.8

158 97.3 49.0 147.0





#78

n-propylbenzene

Concen: 52.168 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion: 91 Resp: 811442

Ion Ratio Lower Upper

91 100

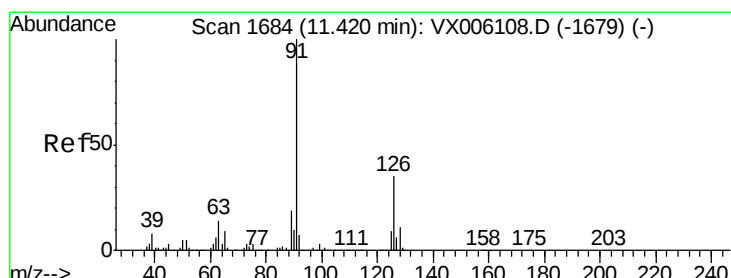
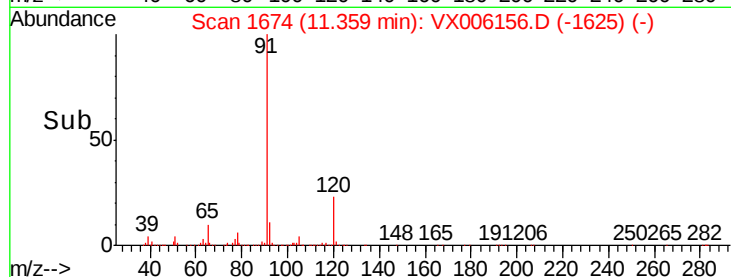
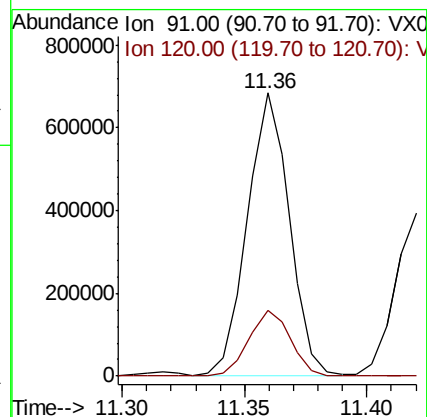
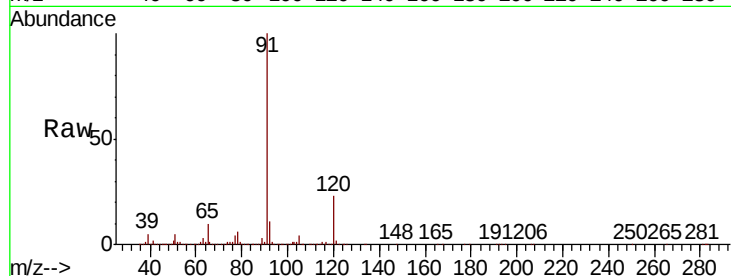
120 23.4 11.8 35.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 51.247 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006156.D

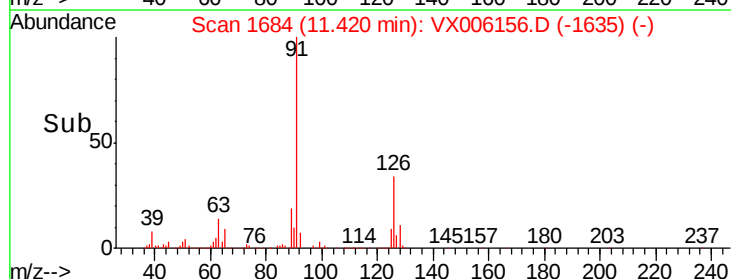
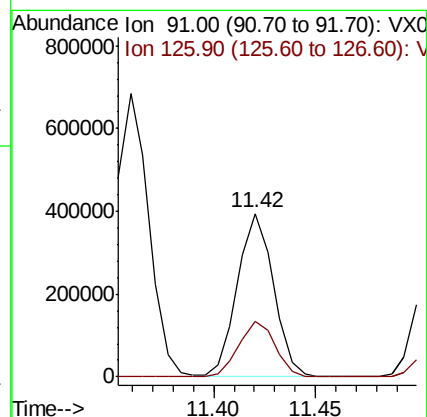
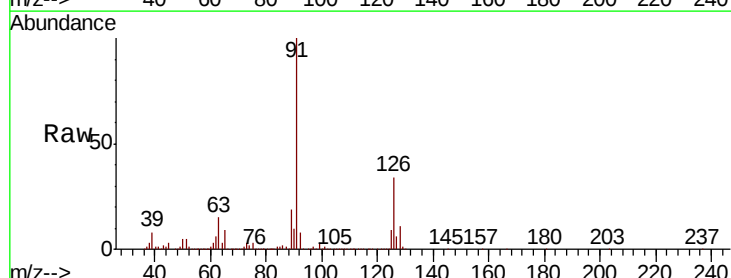
Acq: 22 Nov 2018 06:43

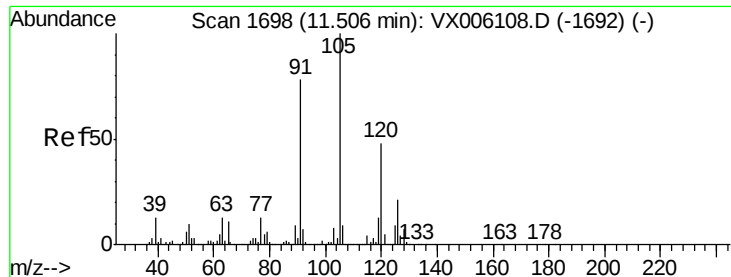
Tgt Ion: 91 Resp: 482237

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9





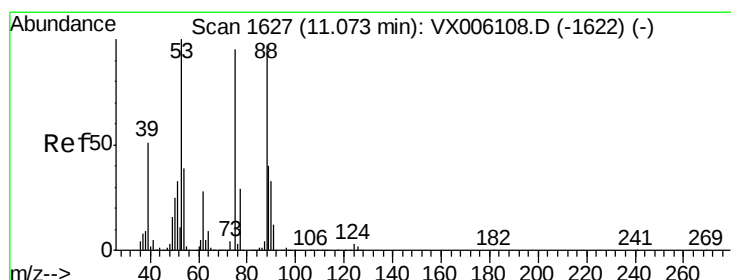
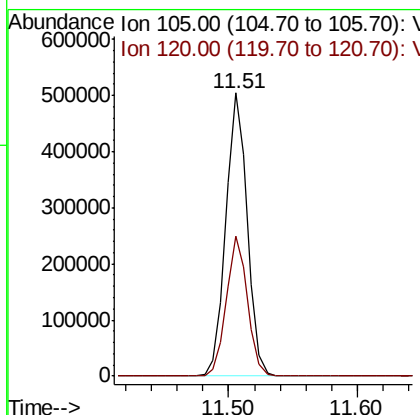
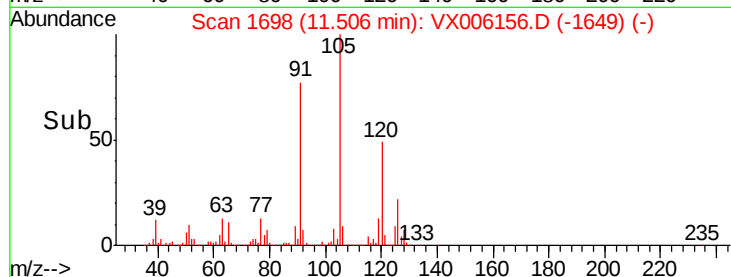
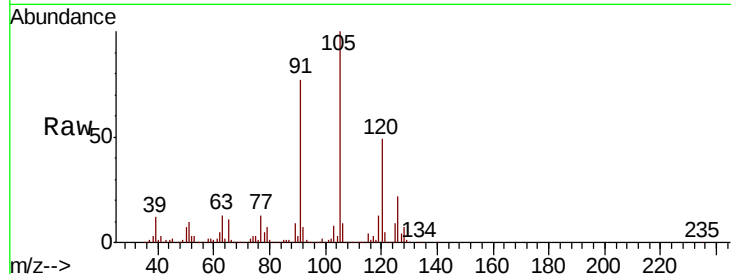
#80
 1,3,5-Trimethylbenzene
 Concen: 52.584 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.3	73.0

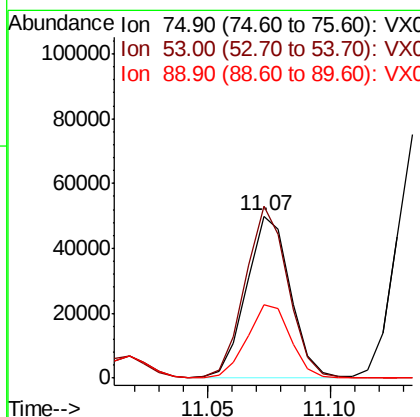
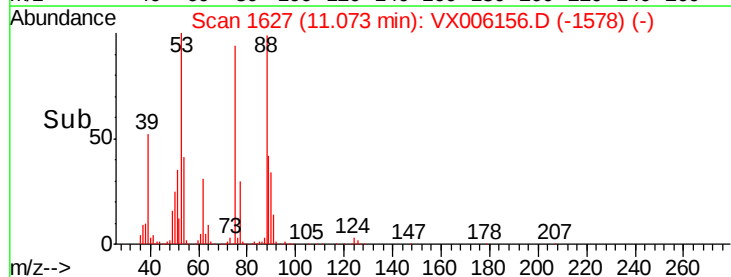
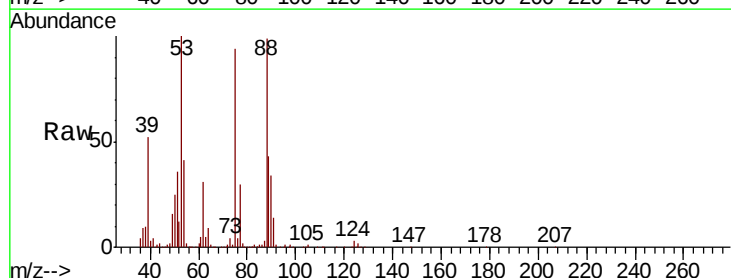
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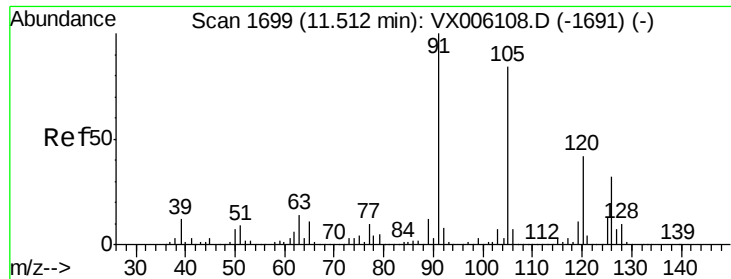
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.222 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.9	85.3	127.9
89	45.7	37.2	55.8





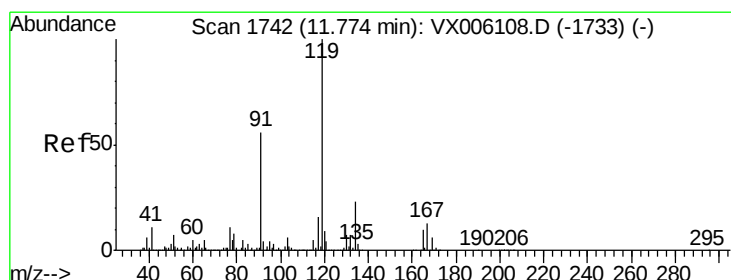
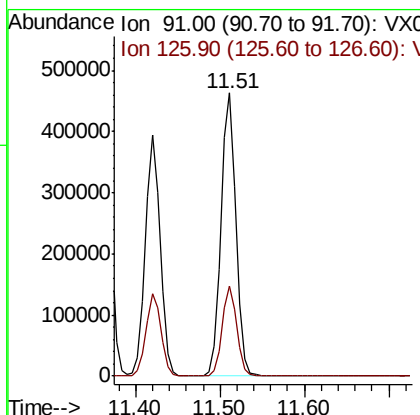
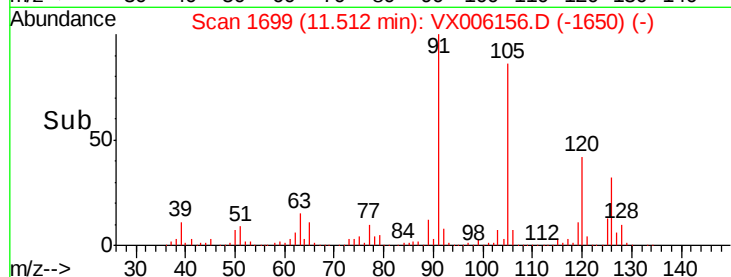
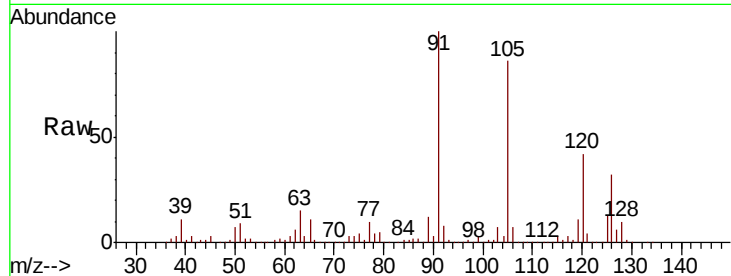
#82
4-Chlorotoluene
Concen: 51.867 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion: 91 Resp: 569581
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

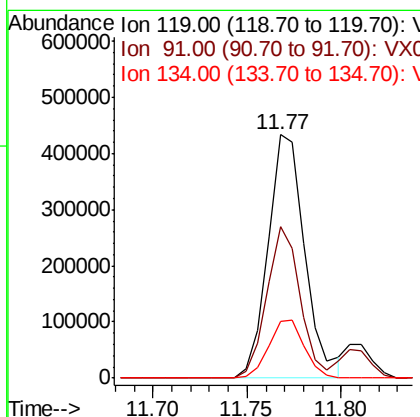
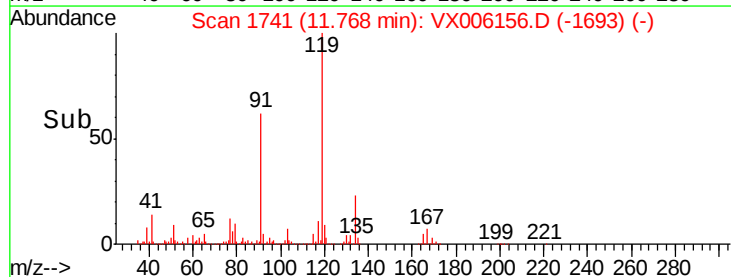
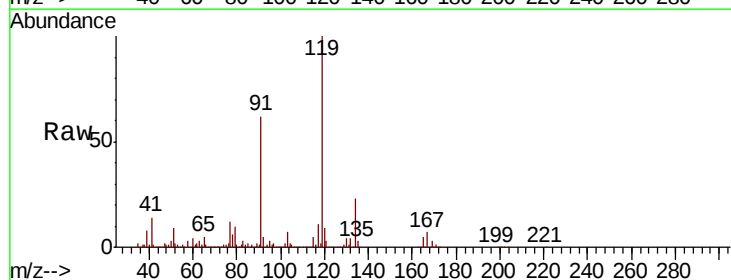
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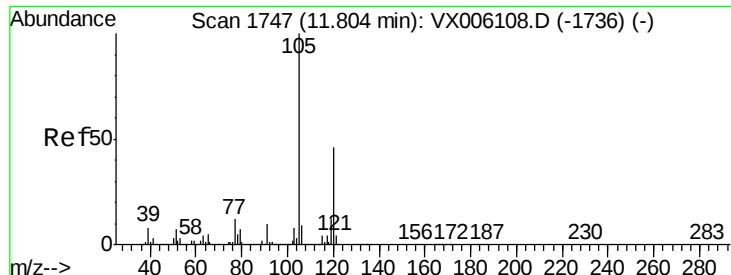
MMDadoda
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#83
tert-Butylbenzene
Concen: 53.420 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion: 119 Resp: 587259
Ion Ratio Lower Upper
119 100
91 56.1 28.2 84.6
134 23.2 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 53.086 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101MSD

Tot Ion:105 Resp: 609780

Ion Ratio Lower Upper

105 100

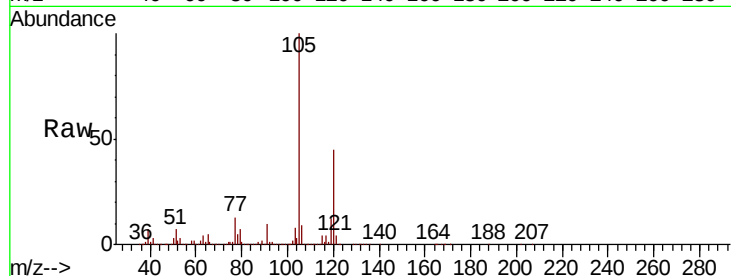
120 45.0 22.7 68.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

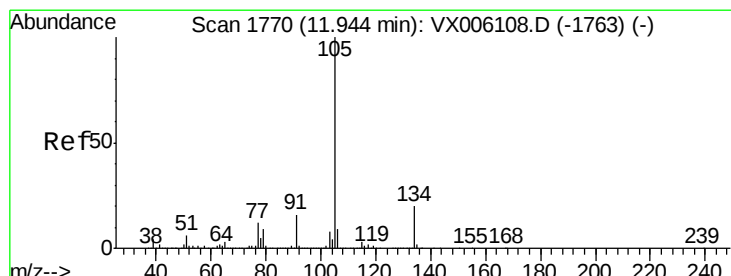
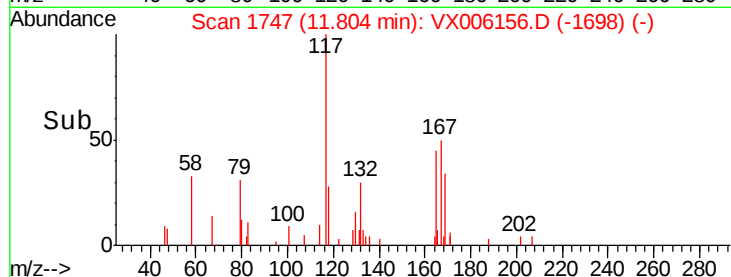
400000

200000

0

11.70 11.80 11.90

Time-->



#85

sec-Butylbenzene

Concen: 52.443 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006156.D

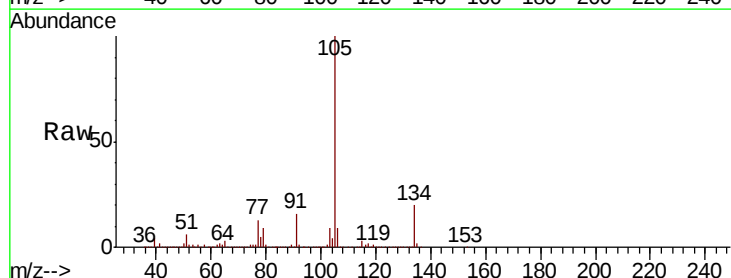
Acq: 22 Nov 2018 06:43

Tgt Ion:105 Resp: 705182

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

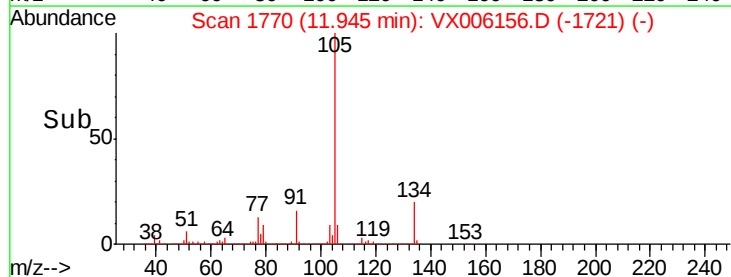
400000

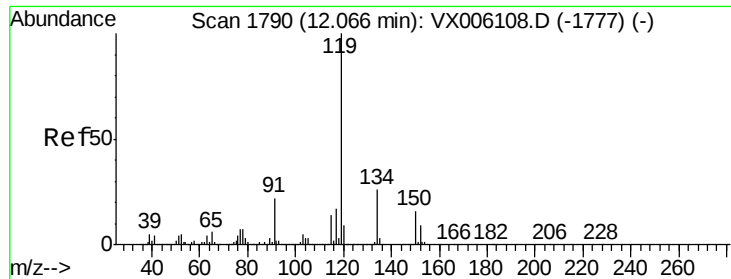
200000

0

11.90 12.00

Time-->





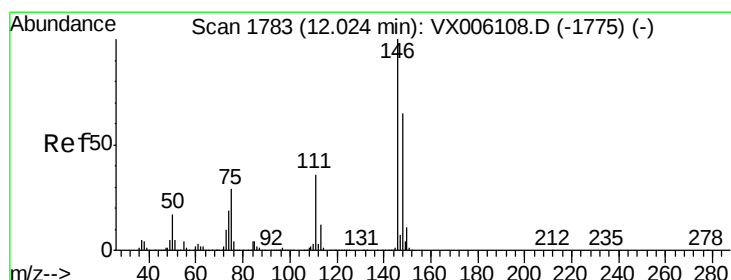
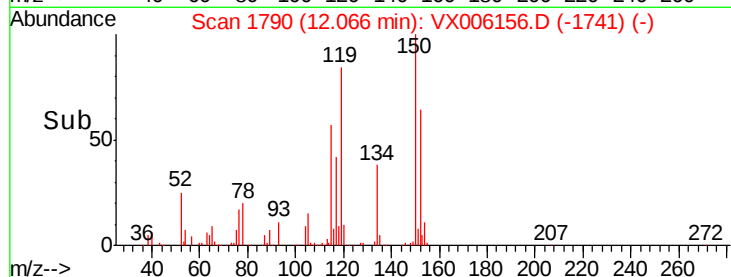
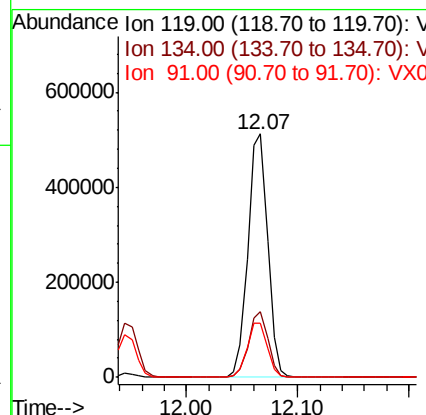
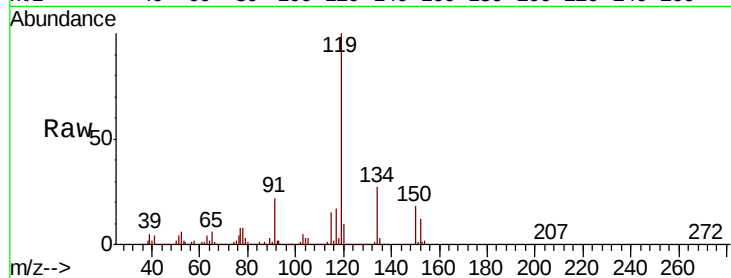
#86
 p-Isopropyltoluene
 Concen: 52.539 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	629876		
134	26.4		13.1	39.3
91	22.7		11.3	33.9

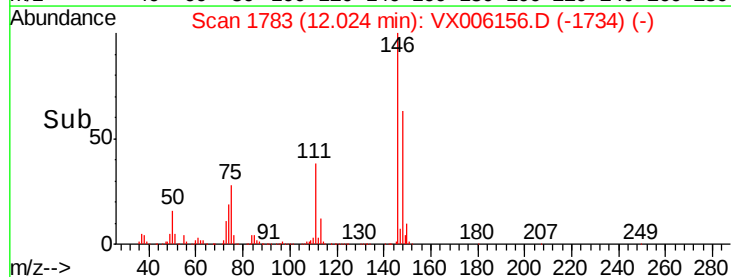
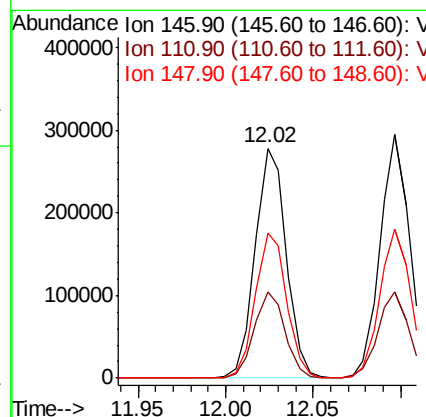
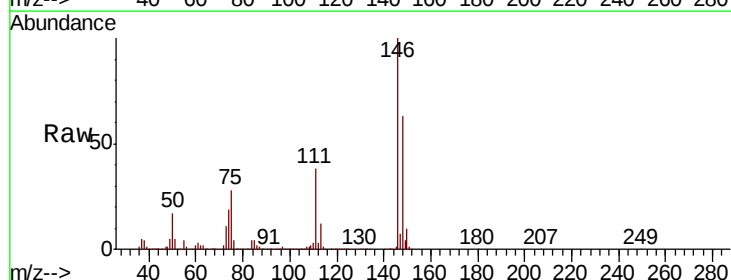
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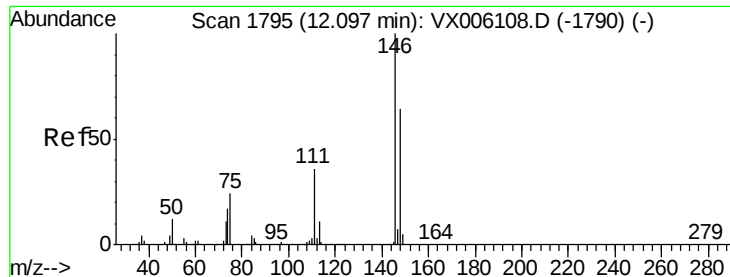
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#87
 1,3-Dichlorobenzene
 Concen: 49.827 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	343742		
111	37.4		18.8	56.3
148	63.5		32.2	96.6





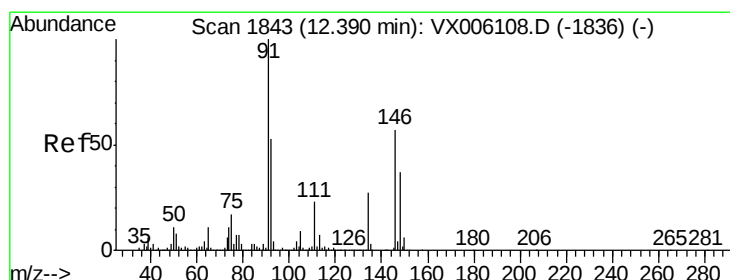
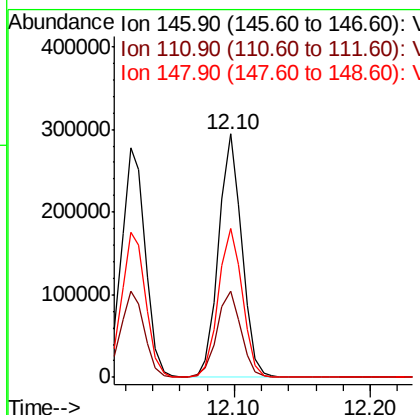
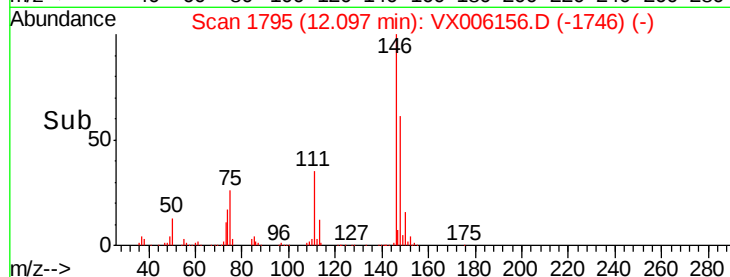
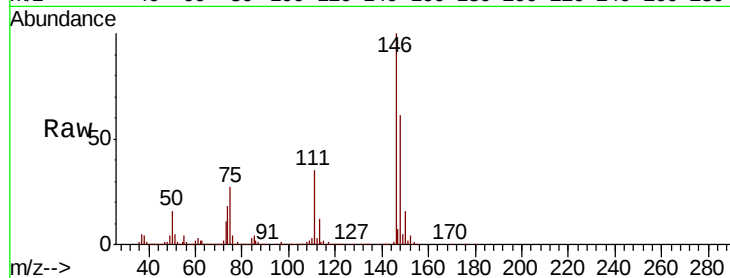
#88
1,4-Dichlorobenzene
Concen: 48.608 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.9
148	63.4	32.2	96.6

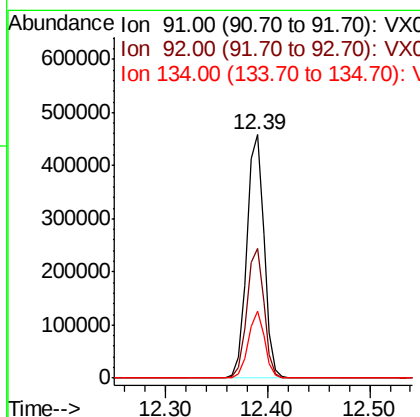
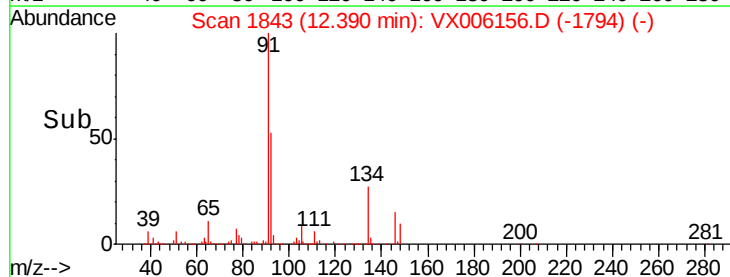
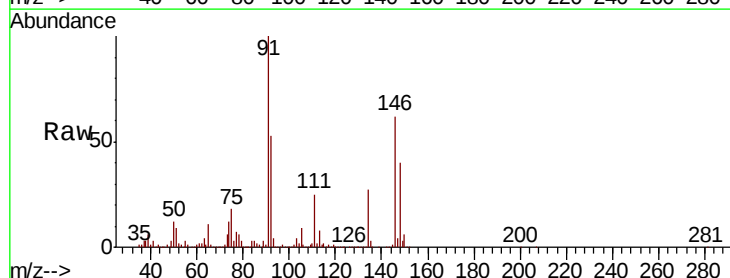
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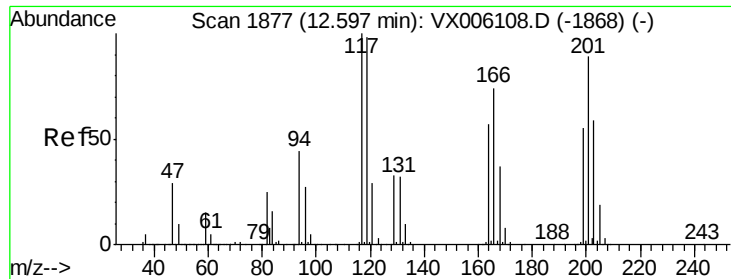
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#89
n-Butylbenzene
Concen: 49.480 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	26.2	13.1	39.3





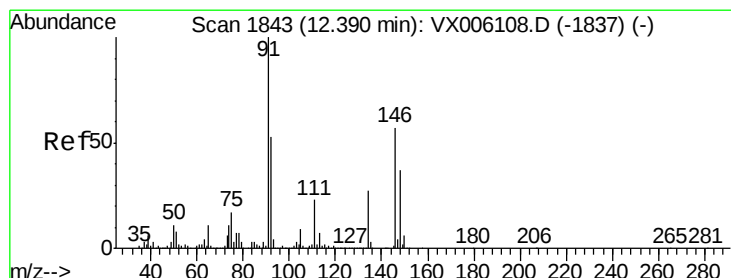
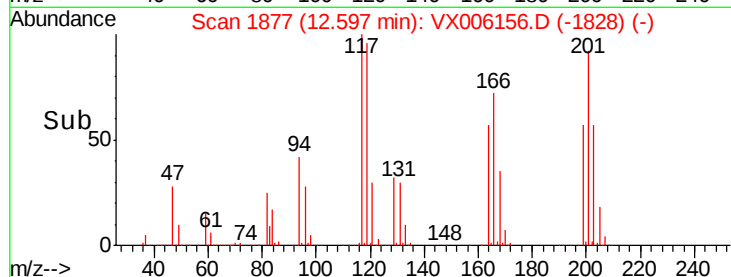
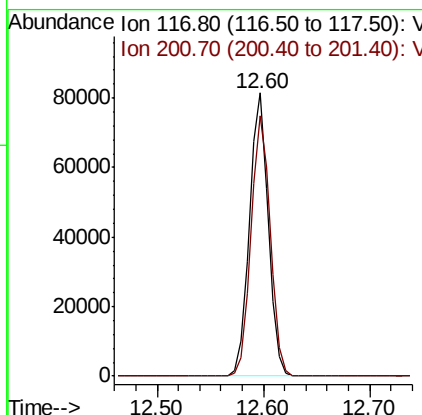
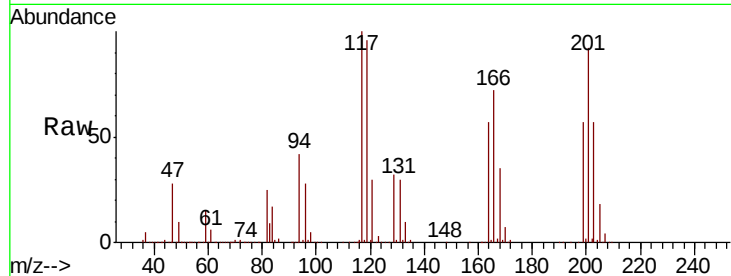
#90
Hexachloroethane
Concen: 52.996 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	101390		
201	93.7	46.1	138.2	

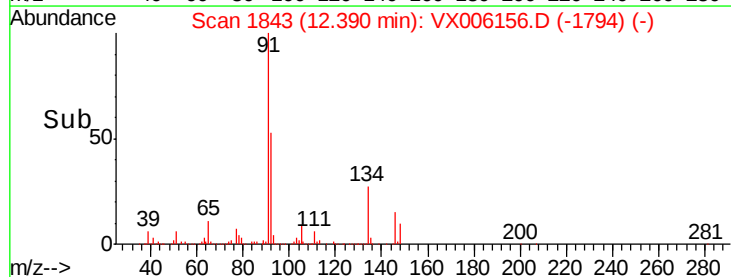
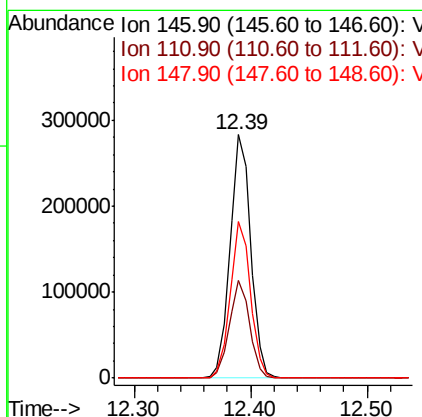
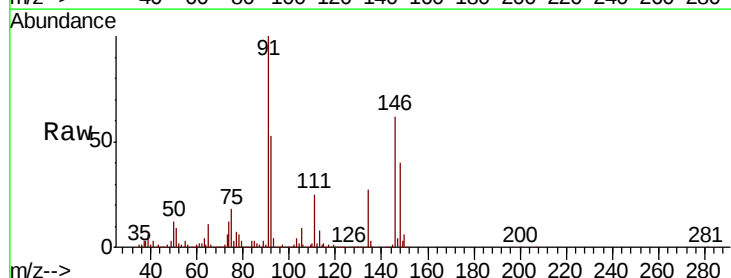
Manual Integrations
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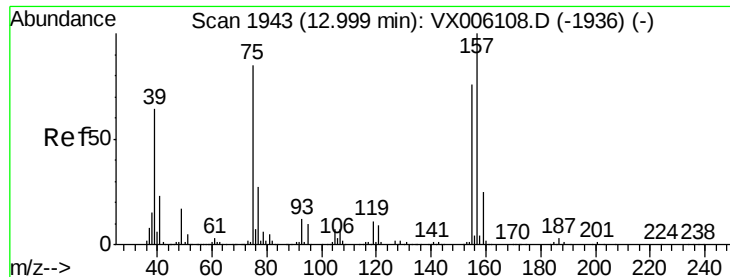
MMDadoda
11/26/2018 9:49:02 AM



#91
1,2-Dichlorobenzene
Concen: 49.593 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006156.D
Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	349775		
111	39.1	19.6	58.8	
148	63.4	32.0	96.0	





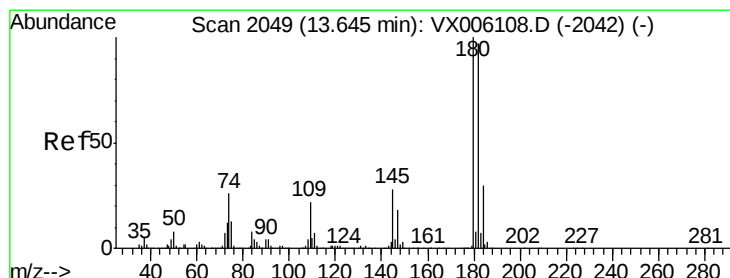
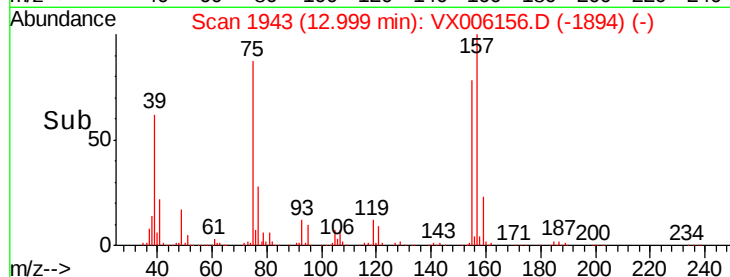
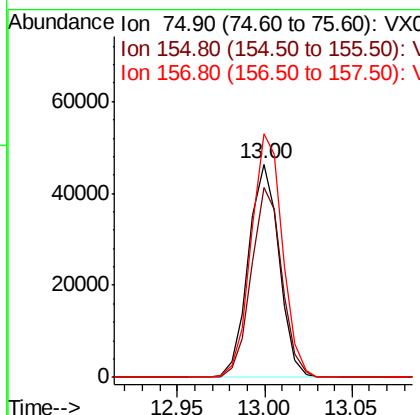
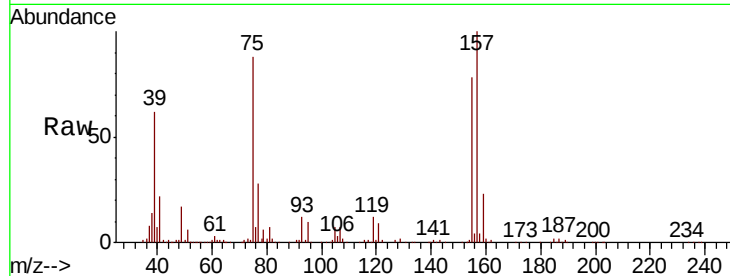
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.873 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	88.4	46.1	138.3
157	116.2	59.8	179.3

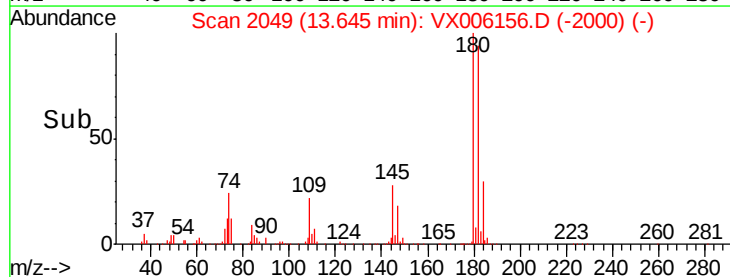
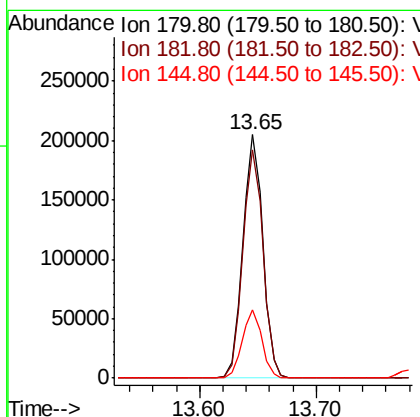
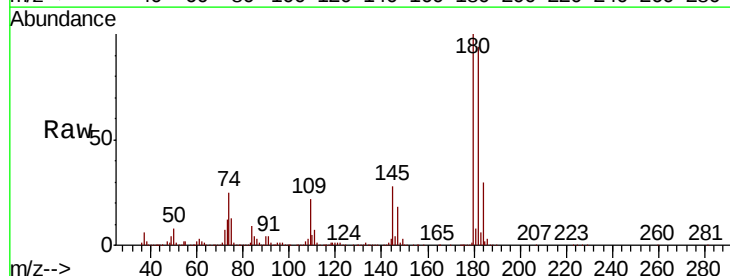
Manual Integrations
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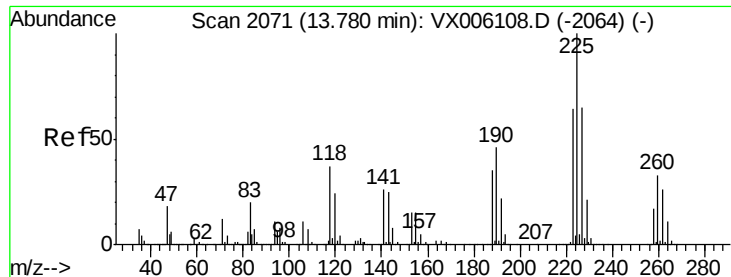
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 49.516 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.2	144.6
145	27.5	14.1	42.2





#94

Hexachlorobutadiene

Concen: 46.654 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Instrument :

MSVOA_X

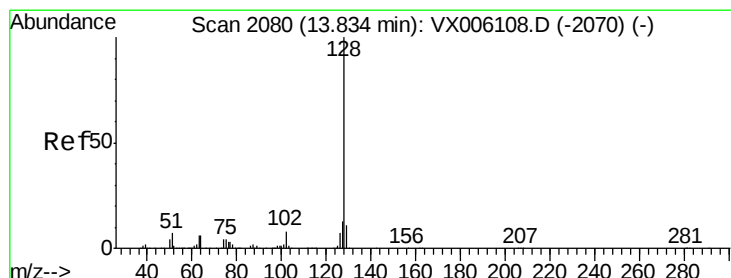
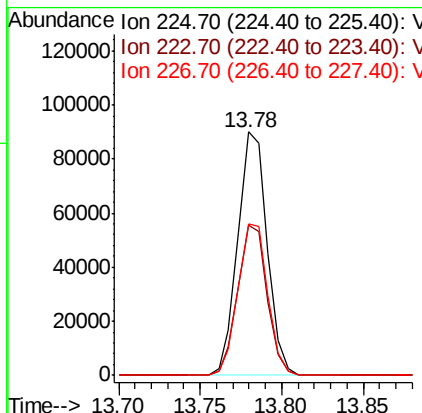
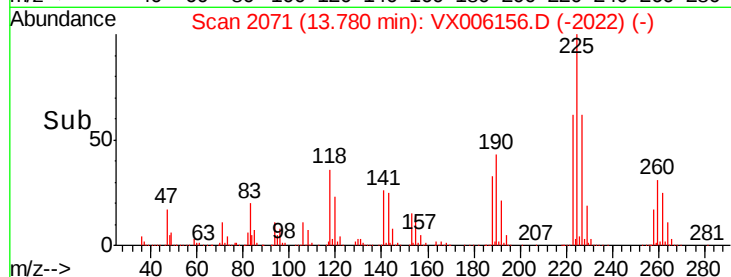
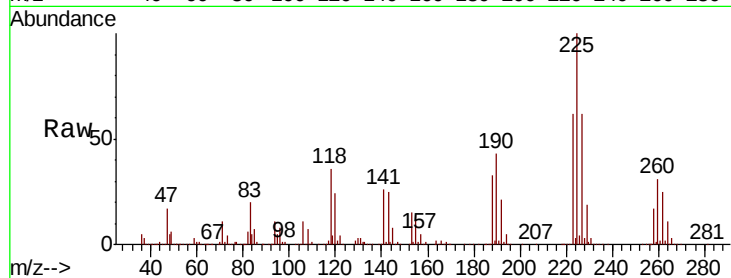
ClientSampleId :

EP2-MW-101MSD

Tot Ion:	225	Resp:	112971
Ion Ratio		Lower	Upper
225	100		
223	61.8	31.2	93.6
227	63.2	32.4	97.2

Manual Integrations
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11/26/2018 9:49:02 AM



#95

Naphthalene

Concen: 53.463 ug/l

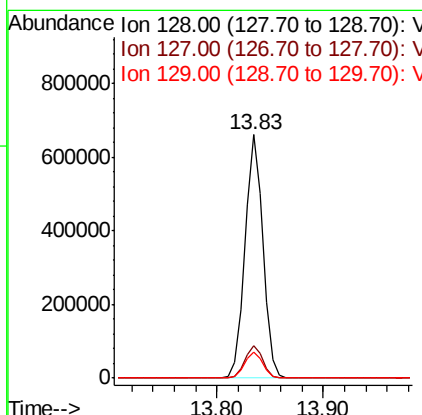
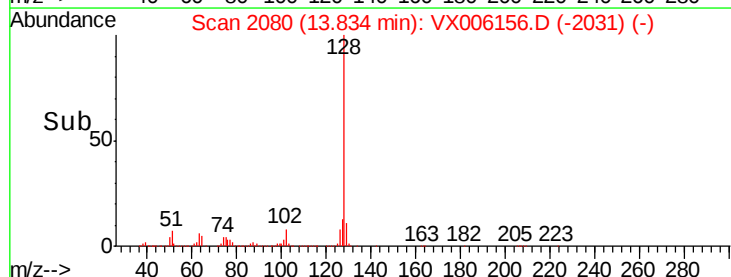
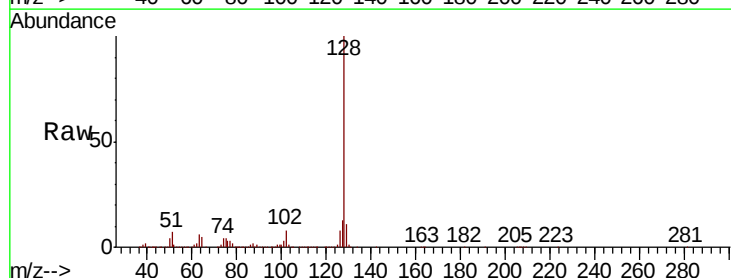
RT: 13.83 min Scan# 2080

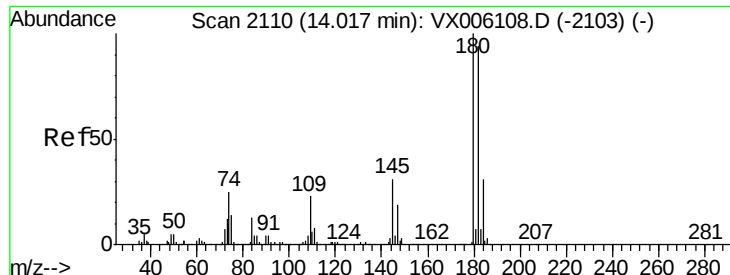
Delta R.T. 0.00 min

Lab File: VX006156.D

Acq: 22 Nov 2018 06:43

Tgt Ion:	128	Resp:	781097
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 50.373 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX006156.D
 Acq: 22 Nov 2018 06:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	255154		
182	96.4	47.5	142.5	
145	29.9	15.0	45.0	

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:02 AM

