

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005393.D
 Acq On : 17 Oct 2018 16:15
 Operator : JC/MD
 Sample : J5571-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:27 PM

Quant Time: Oct 17 17:56:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143543	50.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.50	113	115532	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
50) Toluene-d8	8.72	98	428683	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	164413	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98977	49.26	ug/l	97
3) Chloromethane	1.32	50	134773	46.29	ug/l	100
4) Vinyl Chloride	1.40	62	141022	47.82	ug/l	97
5) Bromomethane	1.64	94	80521	48.36	ug/l	98
6) Chloroethane	1.71	64	90116	51.92	ug/l	98
7) Trichlorofluoromethane	1.92	101	201847	51.29	ug/l	95
8) Diethyl Ether	2.19	74	86557	51.50	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122202	53.79	ug/l	98
10) Methyl Iodide	2.51	142	146053	58.21	ug/l	99
11) Tert butyl alcohol	3.08	59	274077	340.67	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113052	50.23	ug/l	98
13) Acrolein	2.29	56	98398	191.16	ug/l	95
14) Allyl chloride	2.73	41	256326	51.87	ug/l	94
15) Acrylonitrile	3.15	53	515529	282.77	ug/l	98
16) Acetone	2.45	43	478000	289.87	ug/l	97
17) Carbon Disulfide	2.57	76	313587	45.99	ug/l	99
18) Methyl Acetate	2.78	43	273782	58.36	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	446606	56.34	ug/l	97
20) Methylene Chloride	2.85	84	131842	55.00	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	126006	50.52	ug/l	83
22) Diisopropyl ether	3.87	45	411299	49.55	ug/l	95
23) Vinyl Acetate	3.82	43	1852489	255.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	243850	51.26	ug/l	99
25) 2-Butanone	4.70	43	697957	289.28	ug/l	95
26) 2,2-Dichloropropane	4.58	77	176657	49.66	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	133143	49.12	ug/l	97
28) Bromochloromethane	5.03	49	108988	50.26	ug/l	95
29) Tetrahydrofuran	5.15	42	446416	290.06	ug/l	94
30) Chloroform	5.21	83	222114	50.31	ug/l	100
31) Cyclohexane	5.57	56	197209	50.30	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	193683	50.42	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163048	44.41	ug/l	99
37) Ethyl Acetate	4.86	43	232432	49.23	ug/l	98
38) Carbon Tetrachloride	5.78	117	170352	46.18	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203576	51.23	ug/l	96
40) Benzene	6.14	78	519215	47.14	ug/l	100
41) Methacrylonitrile	5.06	41	128569	50.79	ug/l	96
42) 1,2-Dichloroethane	6.20	62	181142	46.58	ug/l	98
43) Isopropyl Acetate	6.46	43	348597	55.43	ug/l	98
44) Trichloroethene	7.21	130	135441	48.14	ug/l	99
45) 1,2-Dichloropropane	7.52	63	134740	49.87	ug/l	100
46) Dibromomethane	7.66	93	87131	48.87	ug/l	98
47) Bromodichloromethane	7.90	83	167774	50.87	ug/l	98
48) Methyl methacrylate	7.77	41	179755	55.11	ug/l	95
49) 1,4-Dioxane	7.76	88	88401	1174.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1303437	299.30	ug/l	96
52) Toluene	8.79	92	318154	52.80	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	193574	54.23	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	204878	52.98	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	131881	51.68	ug/l	99
56) Ethyl methacrylate	9.18	69	218481	58.73	ug/l	96
57) 1,3-Dichloropropane	9.37	76	221520	52.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1245	0.60	ug/l #	45
59) 2-Hexanone	9.50	43	1084889	309.69	ug/l	94
60) Dibromochloromethane	9.59	129	141591	53.67	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138682	51.78	ug/l	100
64) Tetrachloroethene	9.34	164	129594	45.91	ug/l	99
65) Chlorobenzene	10.14	112	363273	48.70	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	133544	50.24	ug/l	99
67) Ethyl Benzene	10.26	91	622113	51.31	ug/l	99
68) m/p-Xylenes	10.36	106	483094	102.65	ug/l	96
69) o-Xylene	10.70	106	236577	52.12	ug/l	97
70) Styrene	10.71	104	389475	52.17	ug/l	97
71) Bromoform	10.86	173	123084	51.82	ug/l #	99
73) Isopropylbenzene	11.02	105	698528	58.35	ug/l	100
74) N-amyl acetate	10.90	43	320095	55.44	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	228592	50.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	246272m	63.05	ug/l	
77) Bromobenzene	11.26	156	173342	50.64	ug/l	98
78) n-propylbenzene	11.36	91	875035	63.52	ug/l	100
79) 2-Chlorotoluene	11.42	91	428779	50.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	542228	52.89	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	69637	54.17	ug/l	95
82) 4-Chlorotoluene	11.51	91	508789	50.88	ug/l	99
83) tert-Butylbenzene	11.77	119	562262	54.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	566586	53.71	ug/l	97
85) sec-Butylbenzene	11.94	105	736448	59.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	607059	54.67	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322425	50.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326055	49.83	ug/l	99
89) n-Butylbenzene	12.39	91	580753	57.61	ug/l	97
90) Hexachloroethane	12.60	117	96472	50.41	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	325057	49.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65130	59.13	ug/l	97

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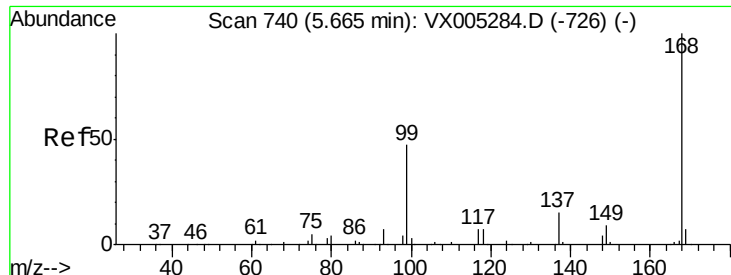
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262772	54.88	ug/l	97
94) Hexachlorobutadiene	13.79	225	128476	50.80	ug/l	97
95) Naphthalene	13.83	128	996232	71.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	264751	54.04	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005393.D

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Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion:168 Resp: 256980

Ion Ratio Lower Upper

168 100

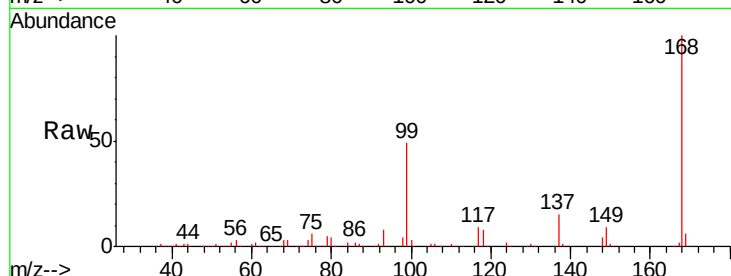
99 48.5 39.9 59.9

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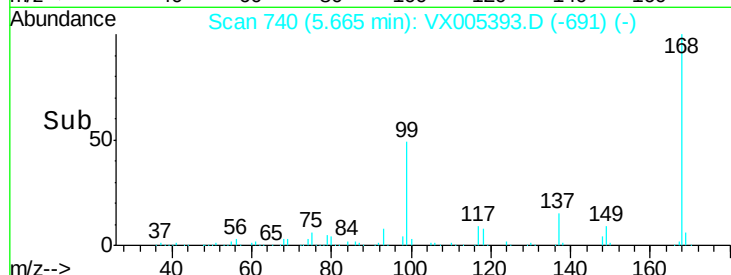


Abundance Ion 167.90 (167.60 to 168.60): V

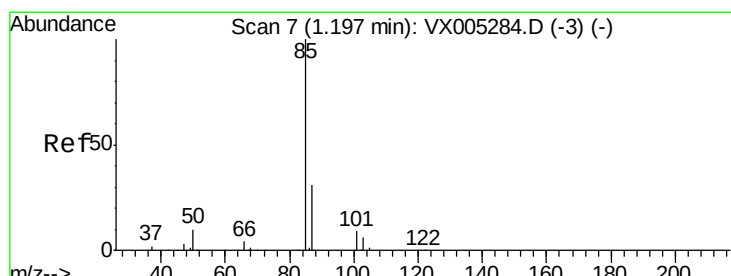
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 49.26 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005393.D

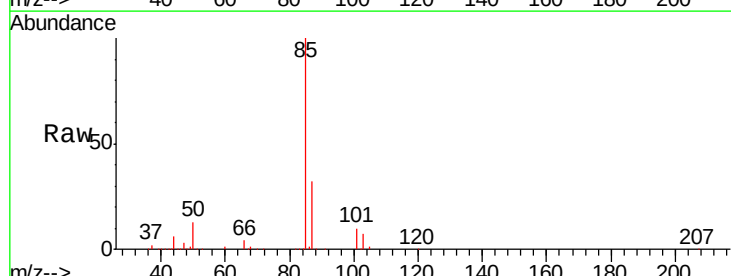
Acq: 17 Oct 2018 16:15

Tgt Ion: 85 Resp: 98977

Ion Ratio Lower Upper

85 100

87 32.2 17.0 50.9

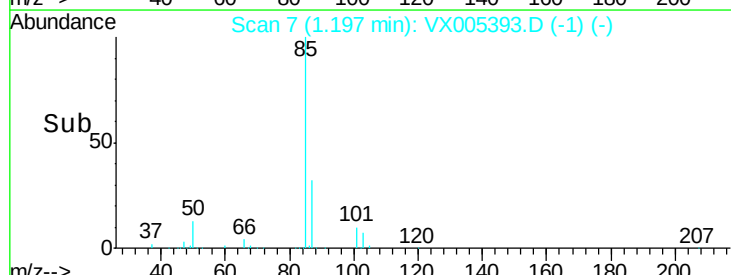


Abundance Ion 84.90 (84.60 to 85.60): VX0

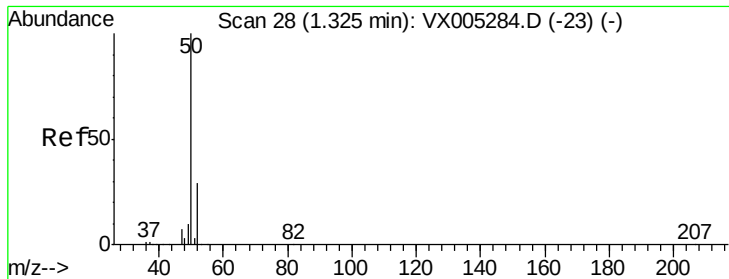
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 46.29 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 50 Resp: 134773

Ion Ratio Lower Upper

50 100

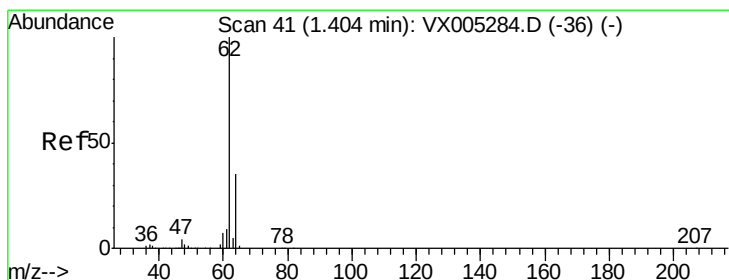
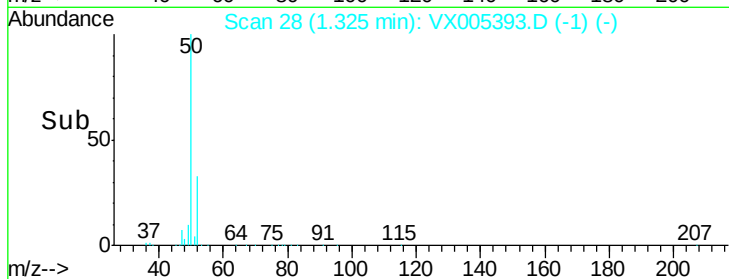
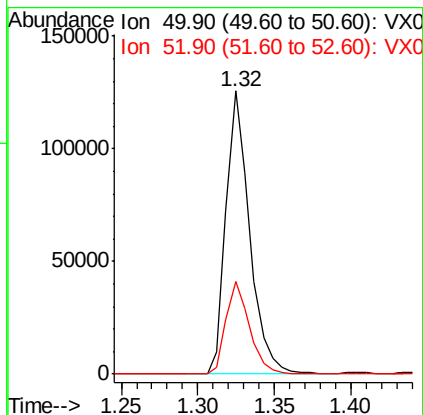
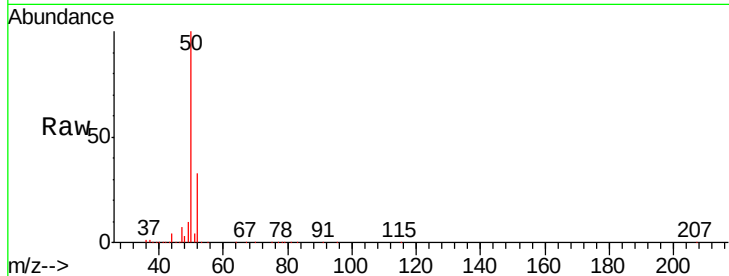
52 32.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 47.82 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005393.D

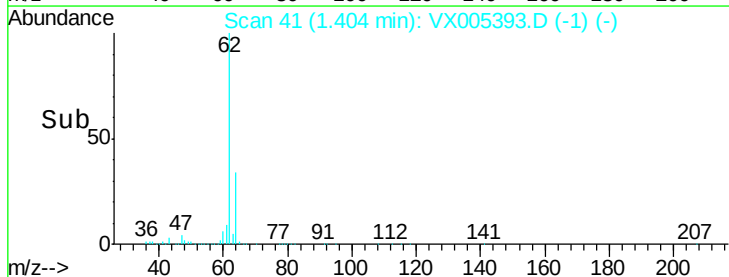
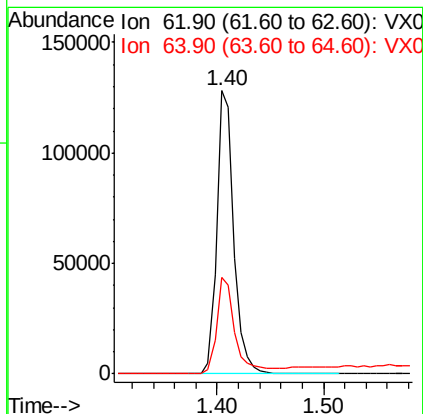
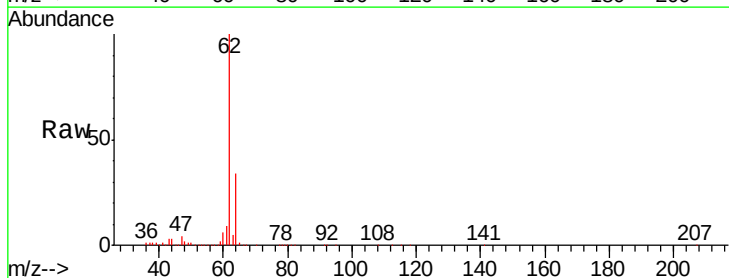
Acq: 17 Oct 2018 16:15

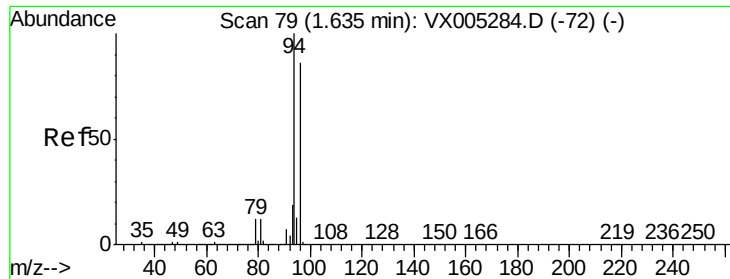
Tgt Ion: 62 Resp: 141022

Ion Ratio Lower Upper

62 100

64 33.9 25.8 38.8





#5

Bromomethane

Concen: 48.36 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 94 Resp: 80521

Ion Ratio Lower Upper

94 100

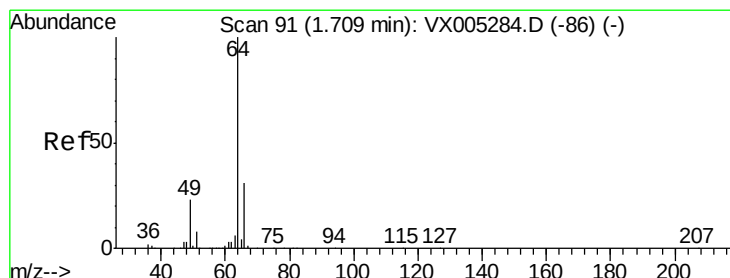
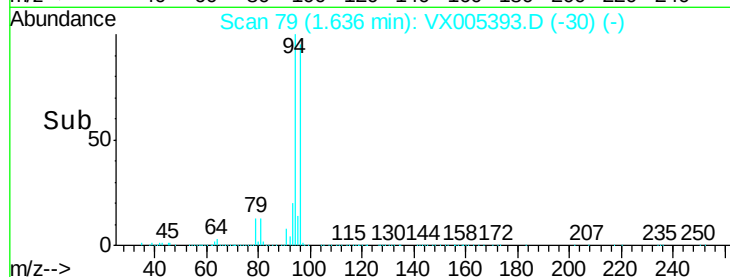
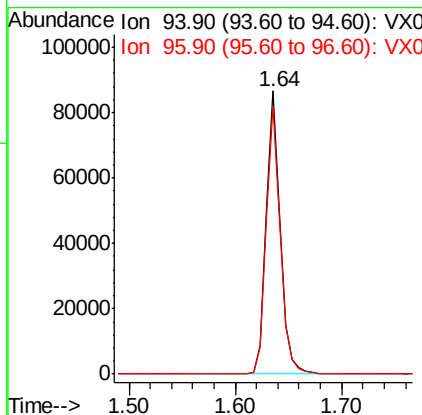
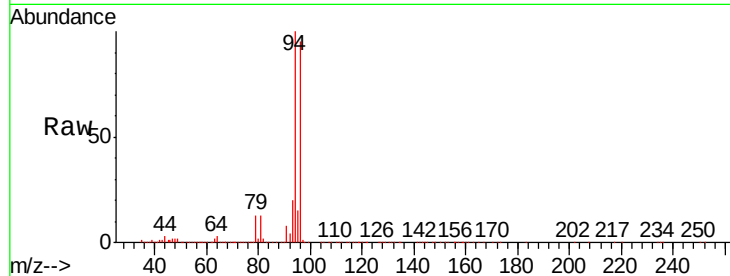
96 94.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 51.92 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005393.D

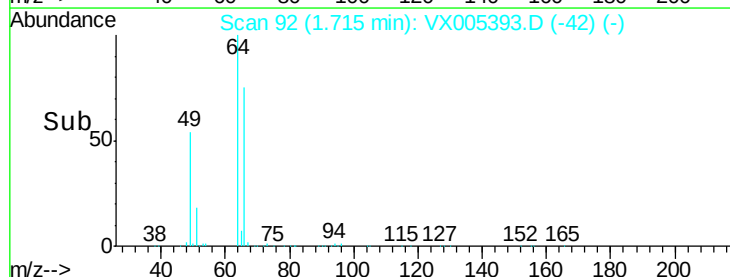
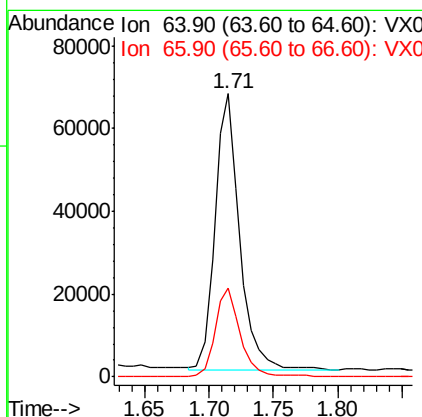
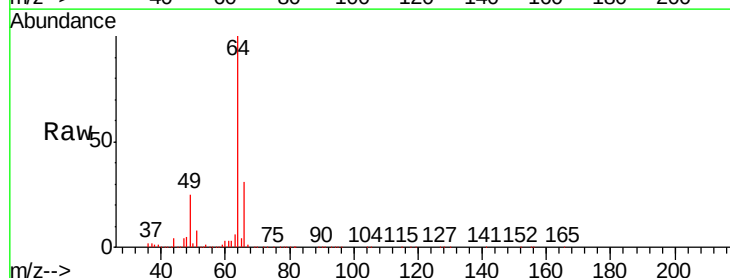
Acq: 17 Oct 2018 16:15

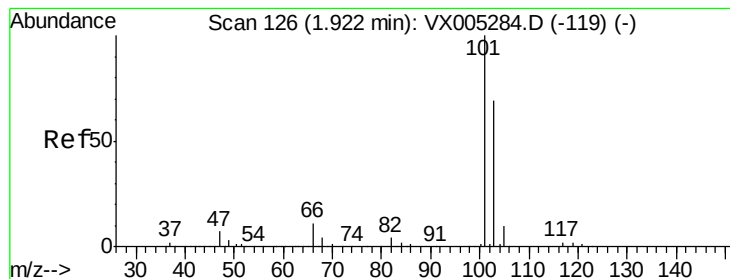
Tgt Ion: 64 Resp: 90116

Ion Ratio Lower Upper

64 100

66 31.9 24.6 36.8





#7

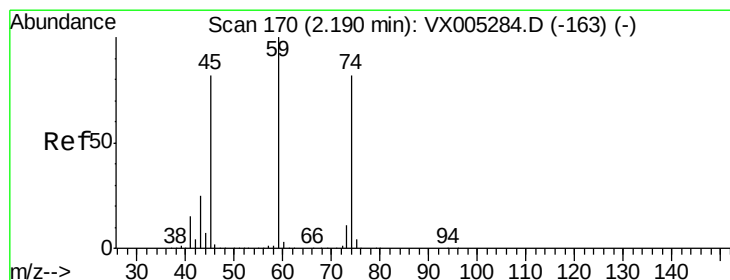
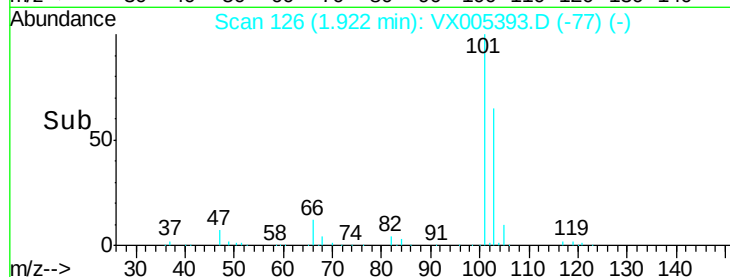
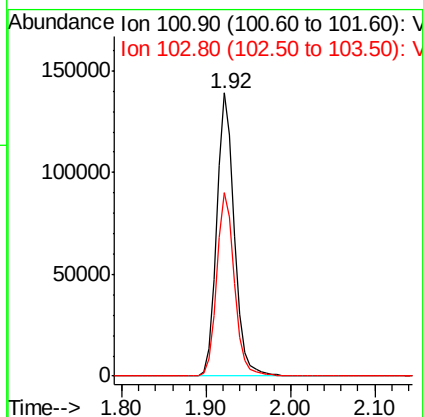
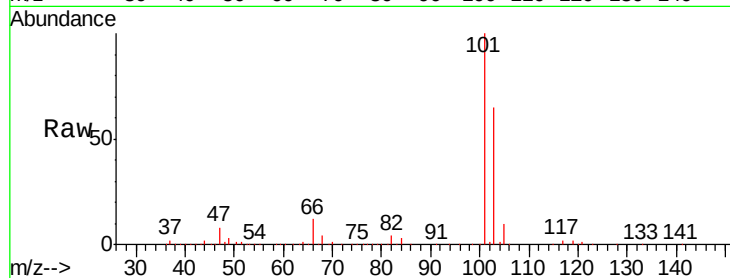
Trichlorofluoromethane
Concen: 51.29 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

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MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion:101 Resp: 201847
Ion Ratio Lower Upper
101 100
103 65.0 48.9 73.3

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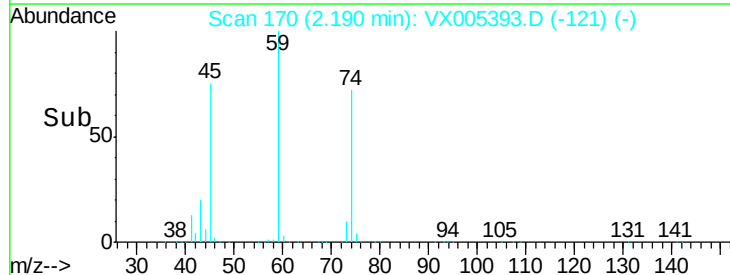
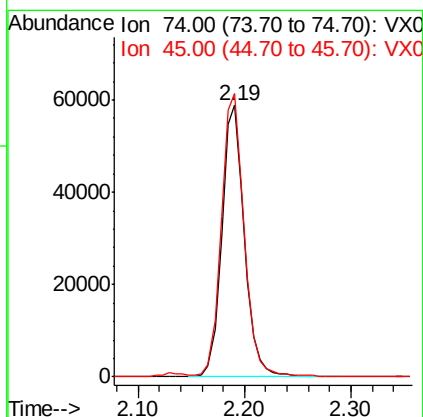
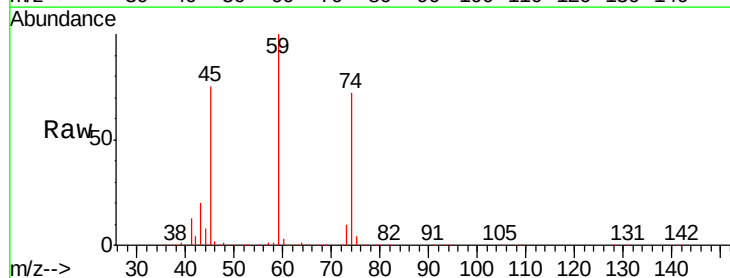
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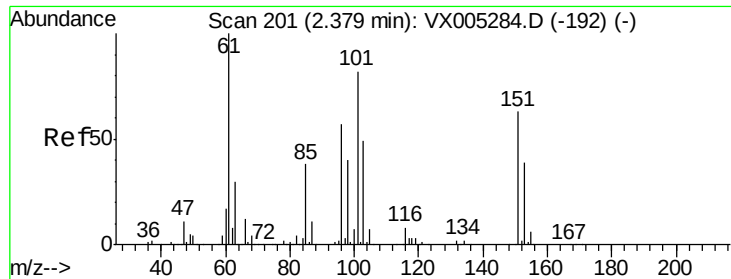


#8

Diethyl Ether
Concen: 51.50 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion: 74 Resp: 86557
Ion Ratio Lower Upper
74 100
45 105.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.79 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

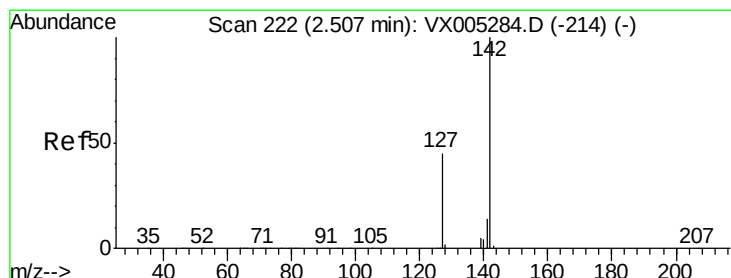
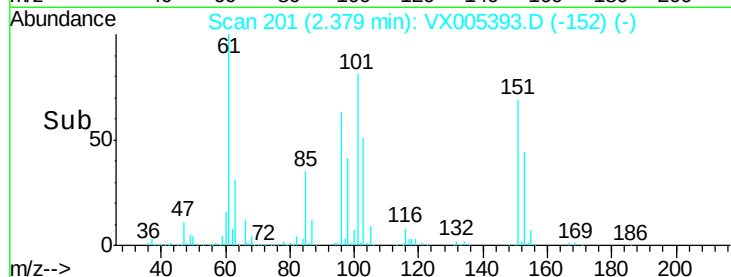
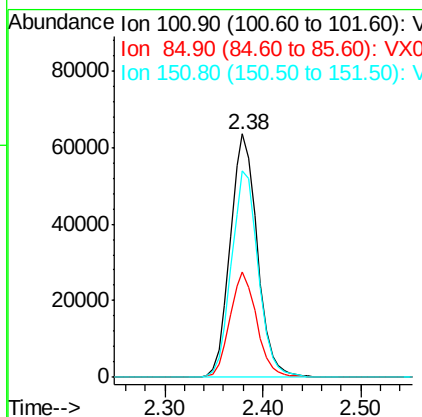
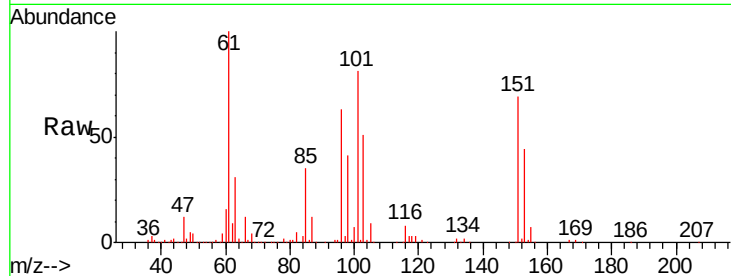
ClientSampleId :

MW-1MS

Tgt Ion:	101	Resp:	122202
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	84.4	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 58.21 ug/l

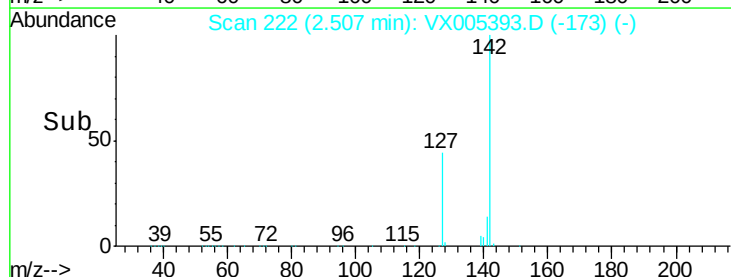
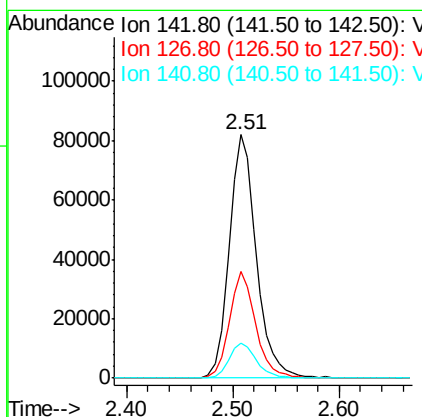
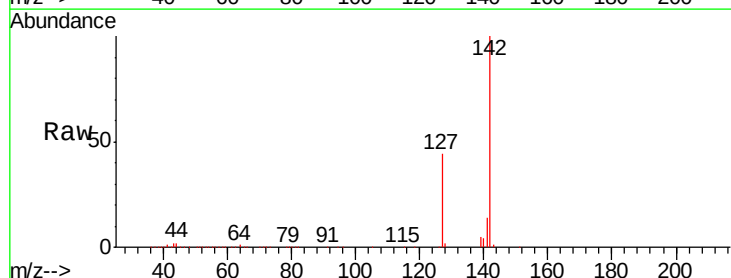
RT: 2.51 min Scan# 222

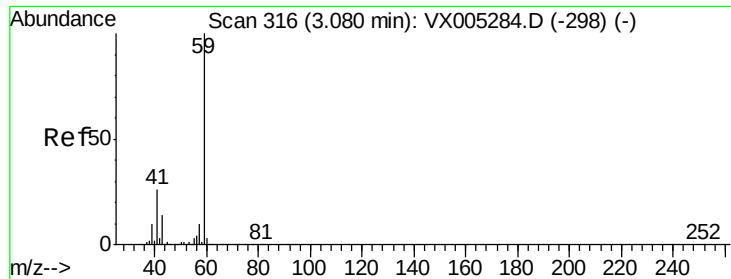
Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion:	142	Resp:	146053
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.3	11.4	17.0





#11

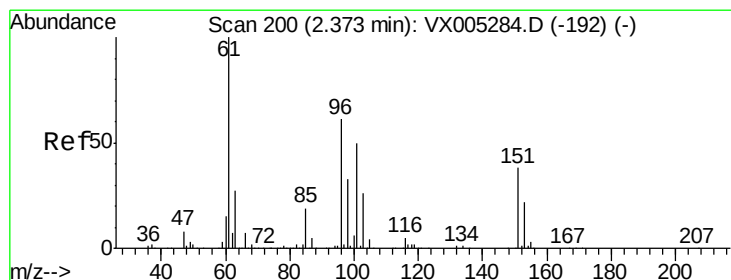
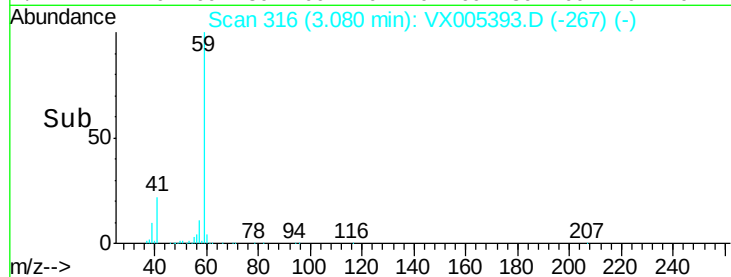
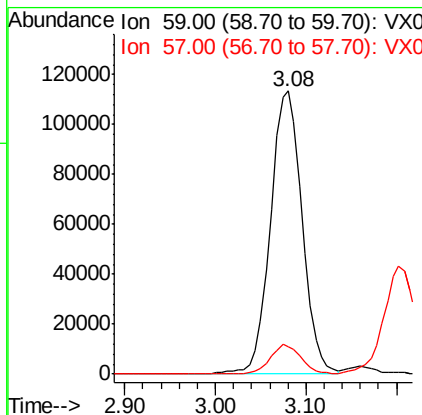
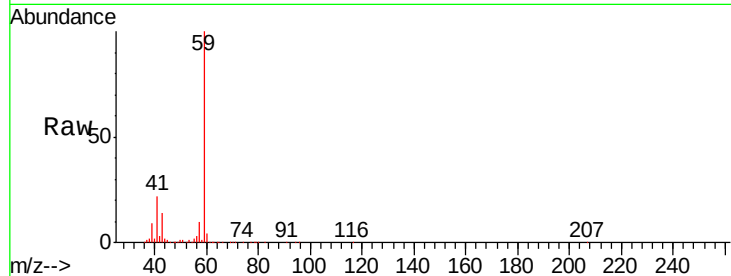
Tert butyl alcohol
Concen: 340.67 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion: 59 Resp: 274077
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

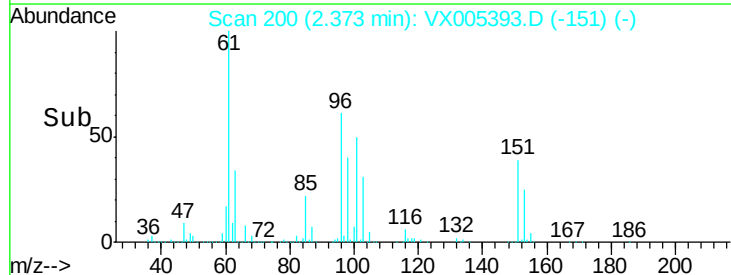
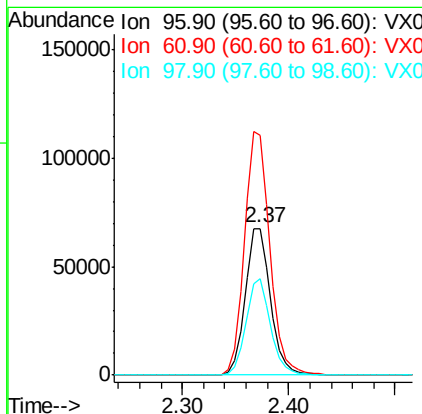
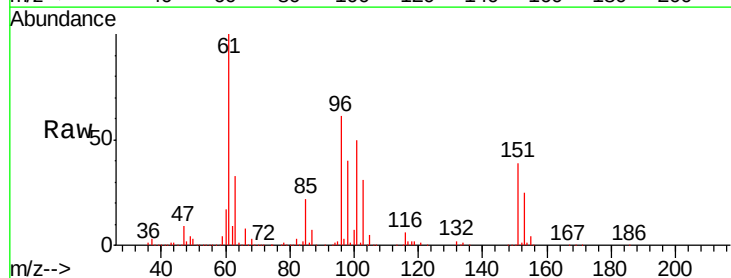
MMDadoda
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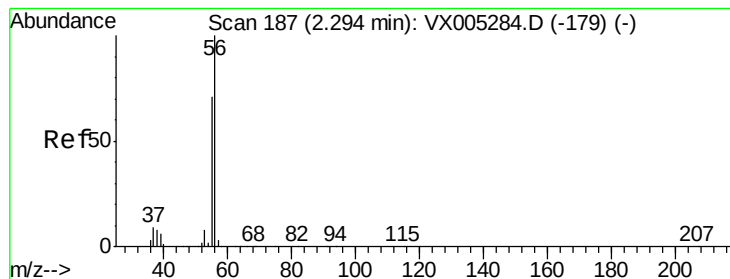


#12

1,1-Dichloroethene
Concen: 50.23 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion: 96 Resp: 113052
Ion Ratio Lower Upper
96 100
61 163.7 128.8 193.2
98 65.8 52.2 78.2





#13

Acrolein

Concen: 191.16 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 56 Resp: 98398

Ion Ratio Lower Upper

56 100

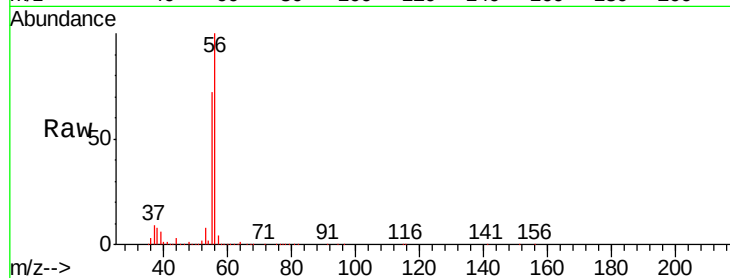
55 72.3 54.7 82.1

Manual Integrations

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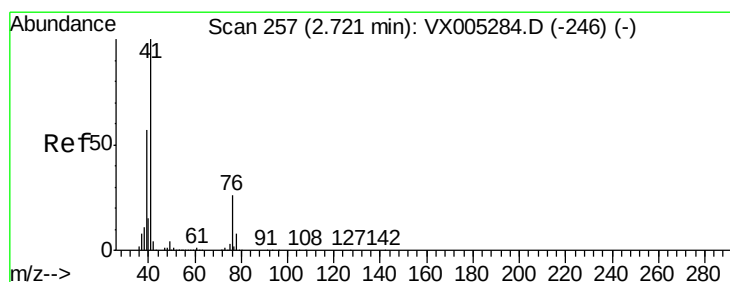
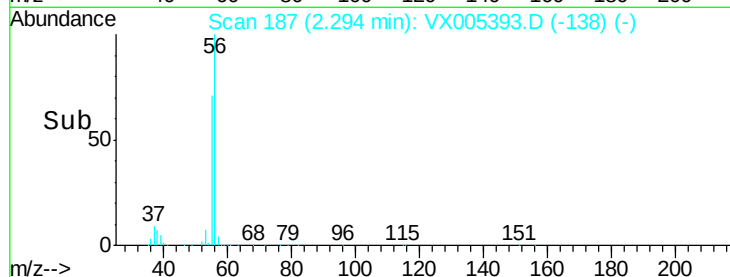
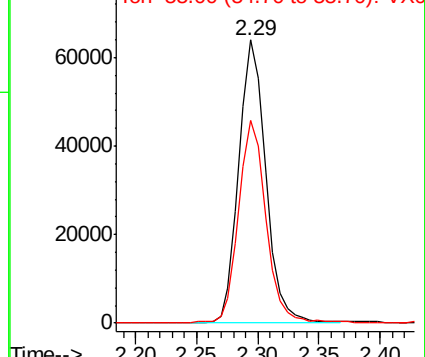
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.87 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

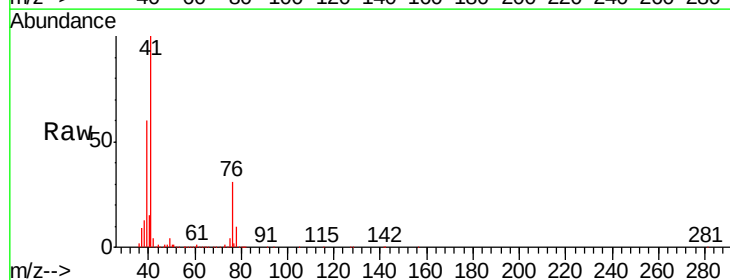
Tgt Ion: 41 Resp: 256326

Ion Ratio Lower Upper

41 100

39 57.3 48.9 73.3

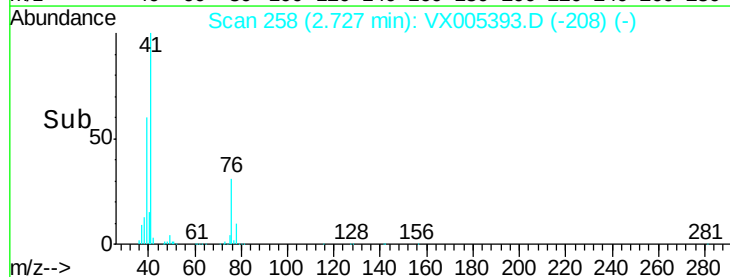
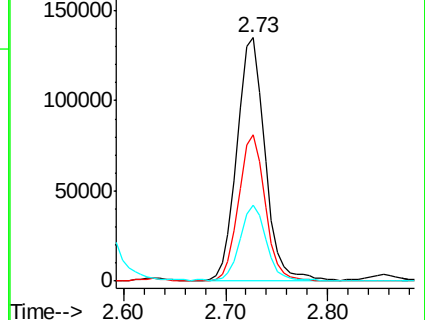
76 29.4 26.7 40.1

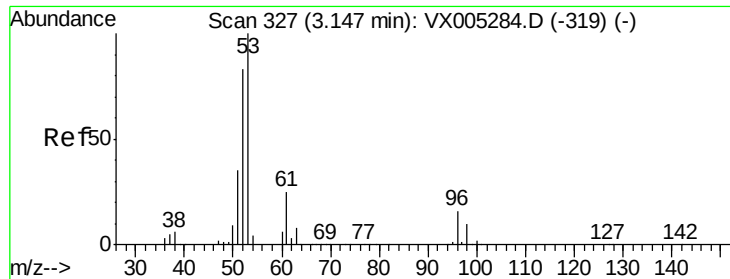


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 282.77 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

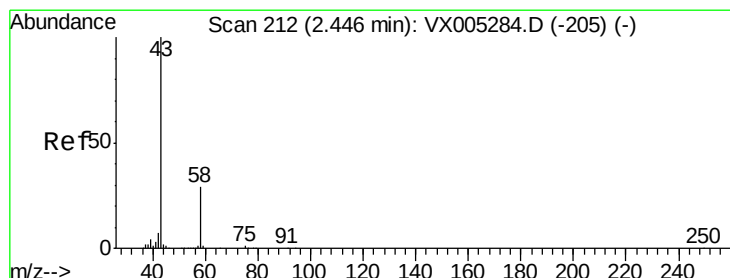
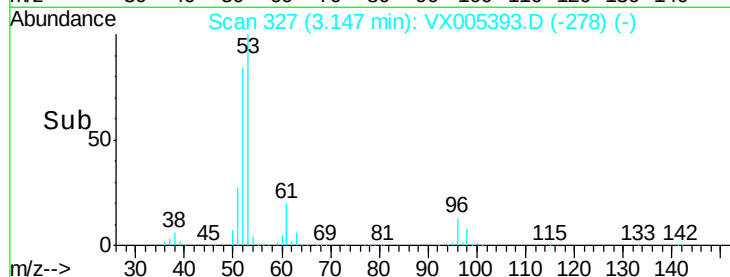
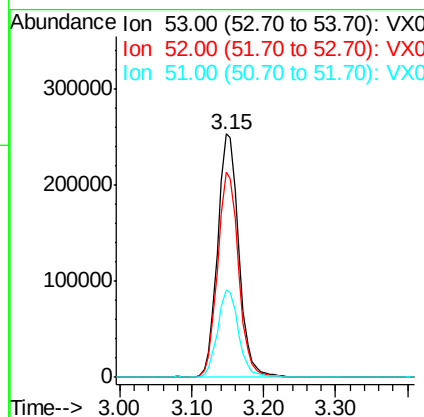
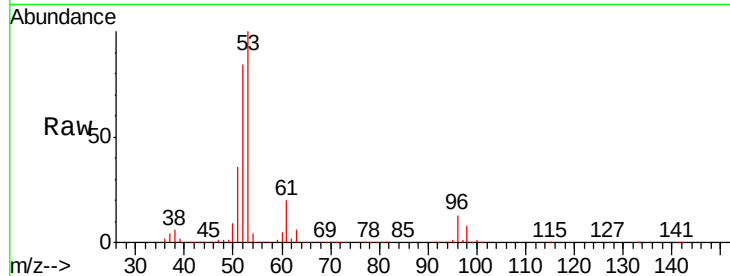
ClientSampleId :

MW-1MS

Tgt Ion:	53	Resp:	515529
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.2	97.8
51	35.9	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 289.87 ug/l

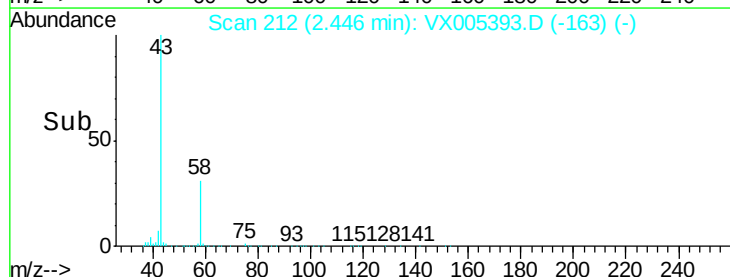
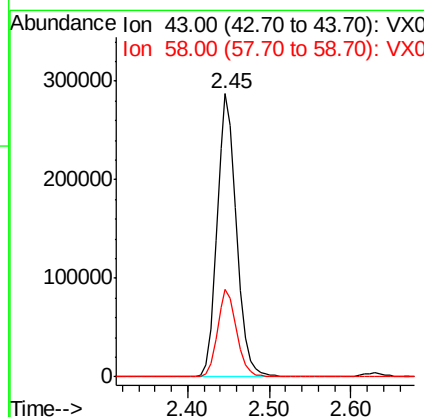
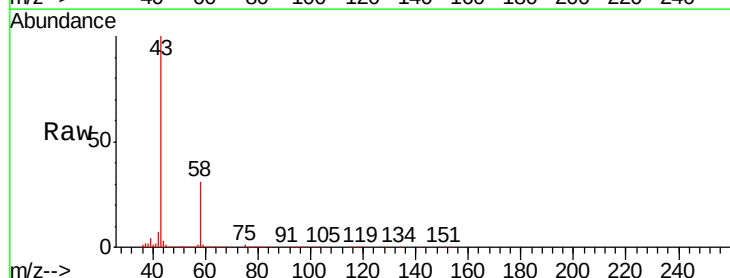
RT: 2.45 min Scan# 212

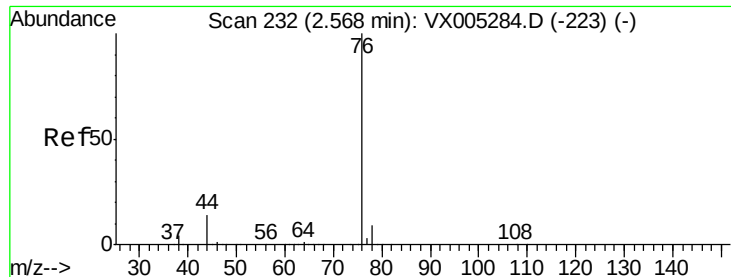
Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion:	43	Resp:	478000
Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.2	39.4





#17

Carbon Disulfide

Concen: 45.99 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

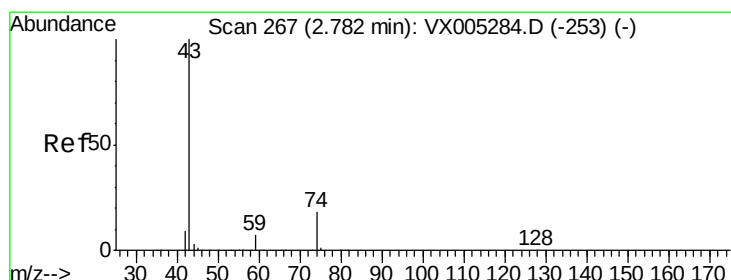
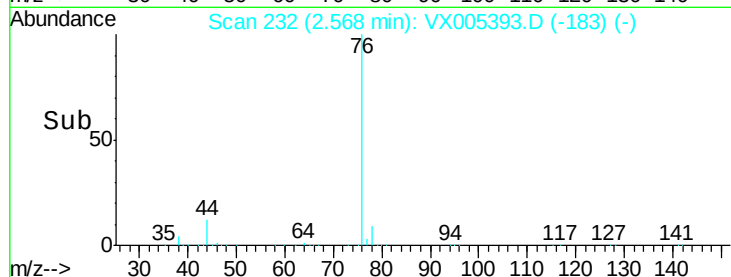
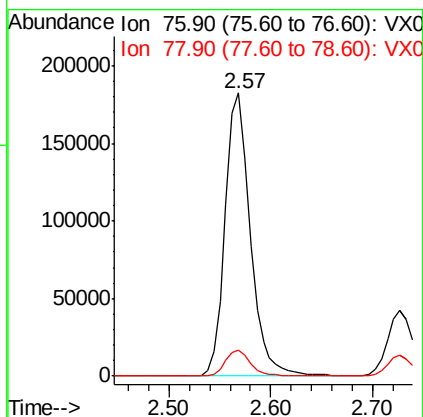
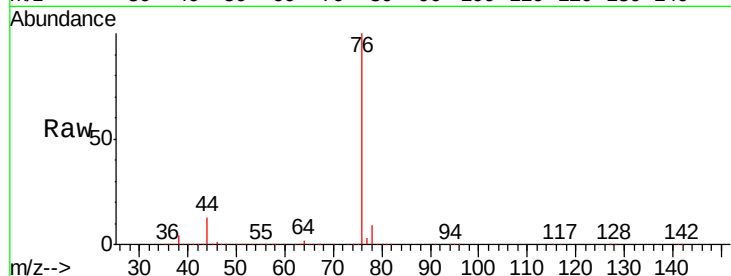
ClientSampleId :

MW-1MS

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

Manual Integrations
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#18

Methyl Acetate

Concen: 58.36 ug/l

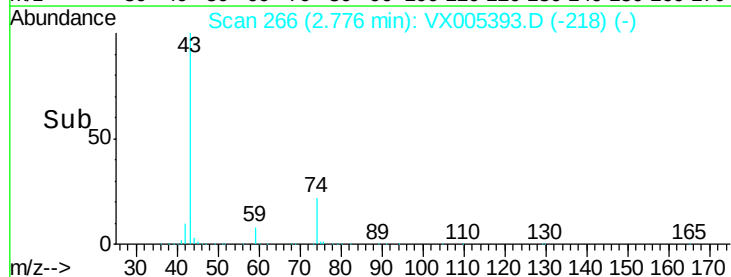
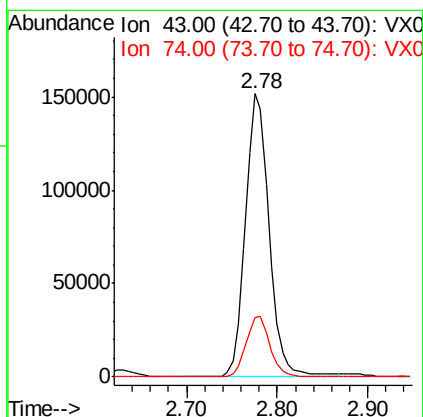
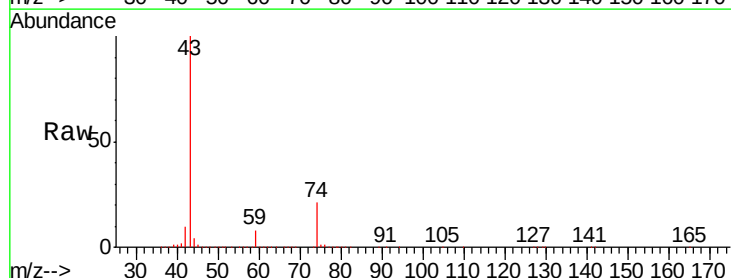
RT: 2.78 min Scan# 266

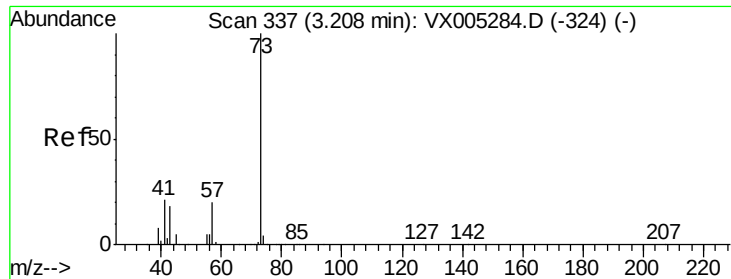
Delta R.T. -0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	19.4	29.2





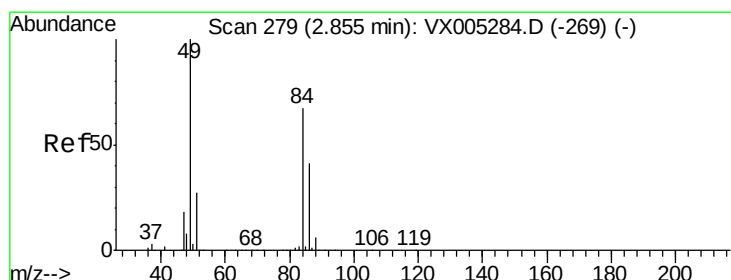
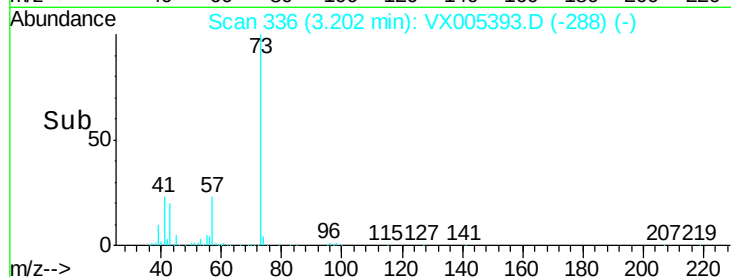
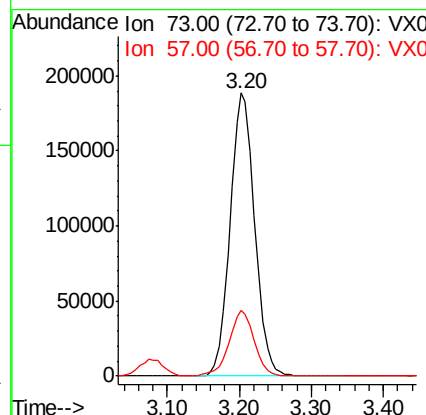
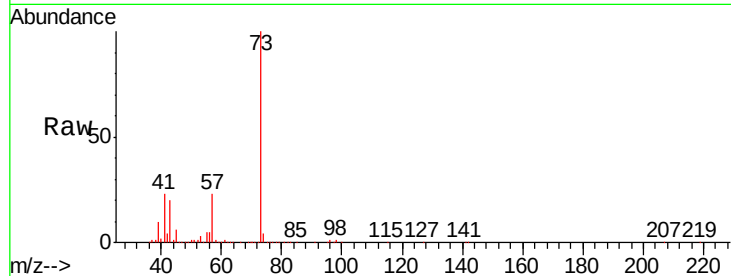
#19
Methyl tert-butyl Ether
Concen: 56.34 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion: 73 Resp: 446606
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7

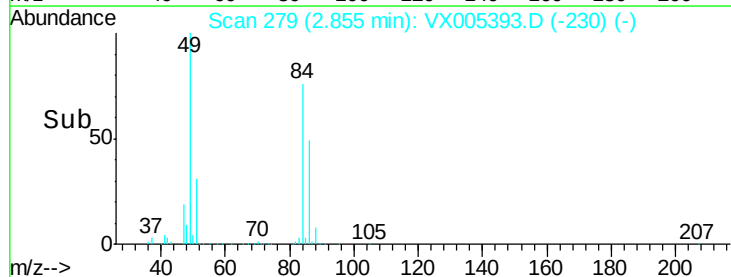
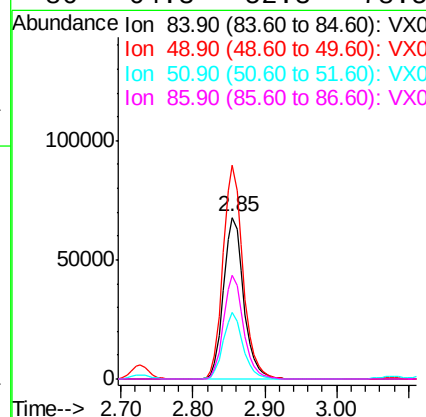
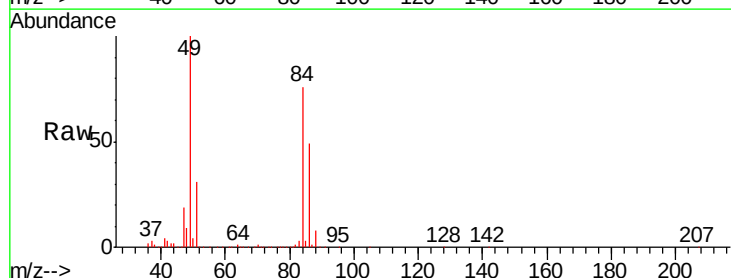
Manual Integrations
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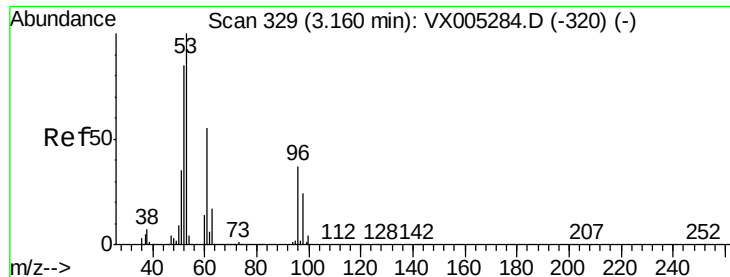
MMDadoda
10/19/2018 12:23:27 PM



#20
Methylene Chloride
Concen: 55.00 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion: 84 Resp: 131842
Ion Ratio Lower Upper
84 100
49 132.0 101.2 151.8
51 41.3 29.5 44.3
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 50.52 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

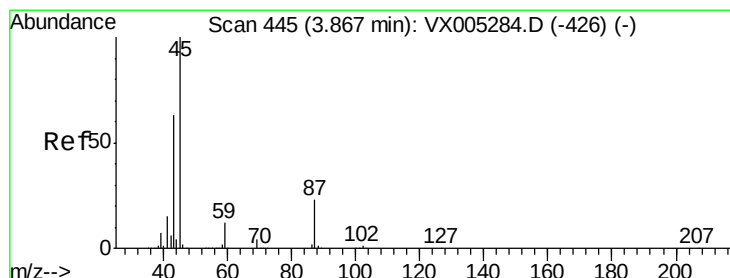
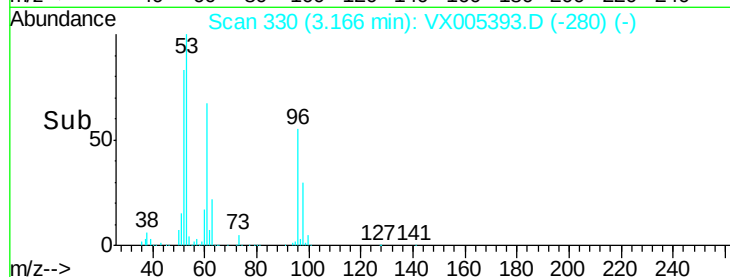
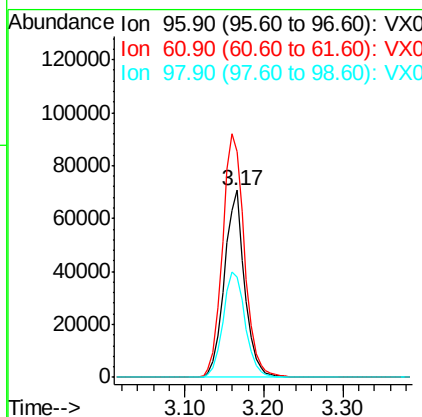
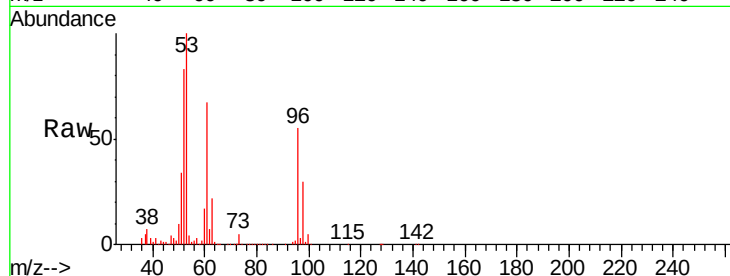
ClientSampleId :

MW-1MS

Tgt Ion:	96	Resp:	126006
Ion	Ratio	Lower	Upper
96	100		
61	120.4	113.8	170.6
98	53.5	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.55 ug/l

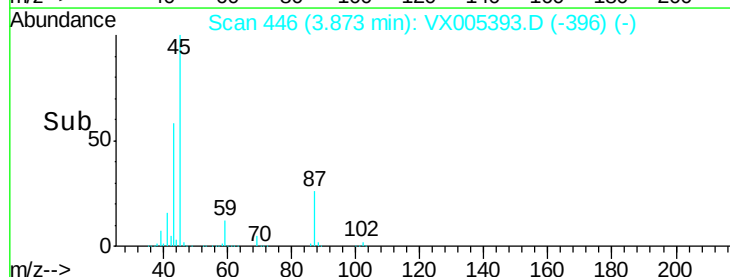
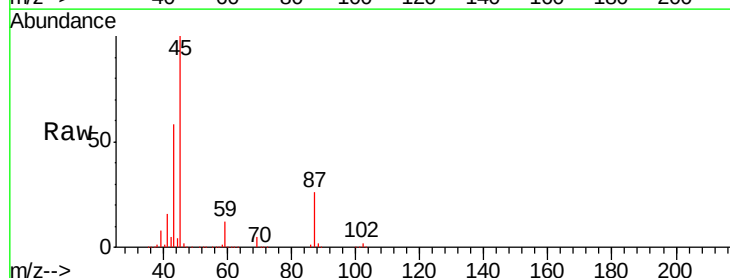
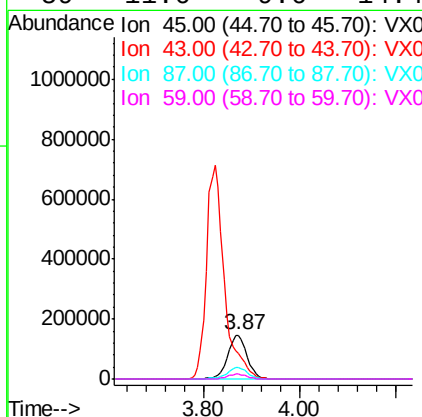
RT: 3.87 min Scan# 446

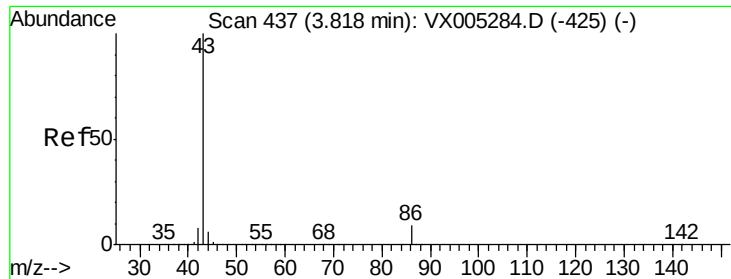
Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion:	45	Resp:	411299
Ion	Ratio	Lower	Upper
45	100		
43	57.9	42.8	64.2
87	26.1	22.6	34.0
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 255.36 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 43 Resp: 1852489

Ion Ratio Lower Upper

43 100

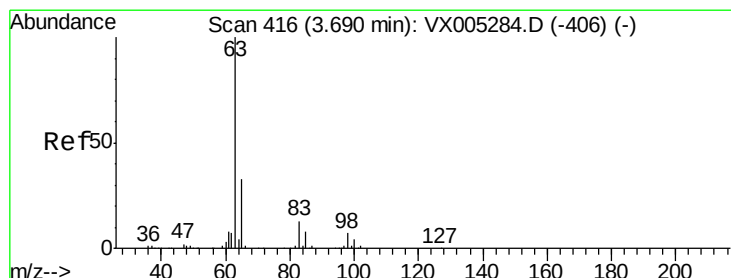
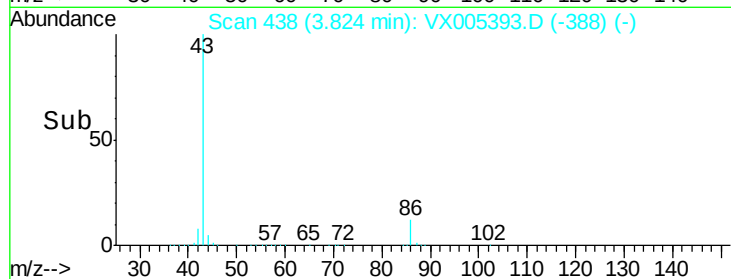
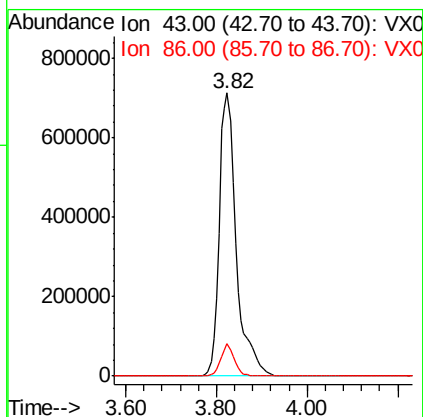
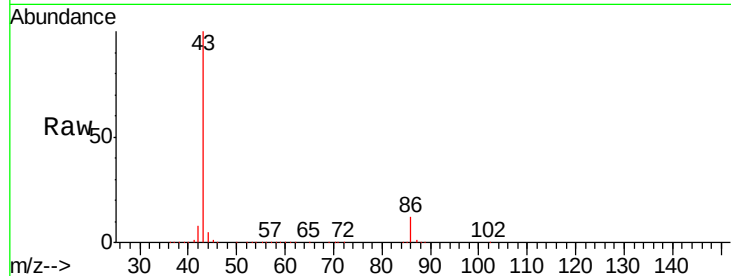
86 11.5 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.26 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

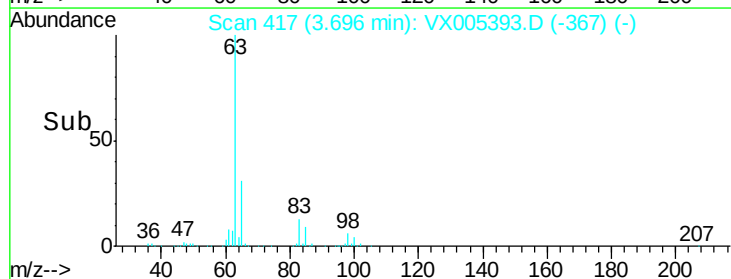
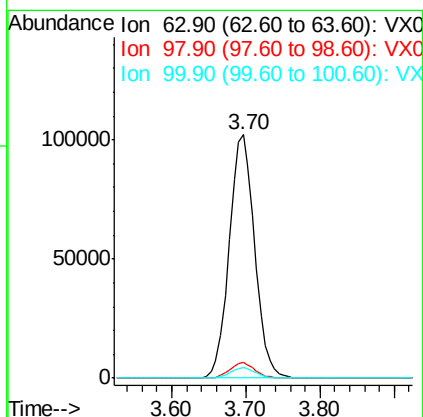
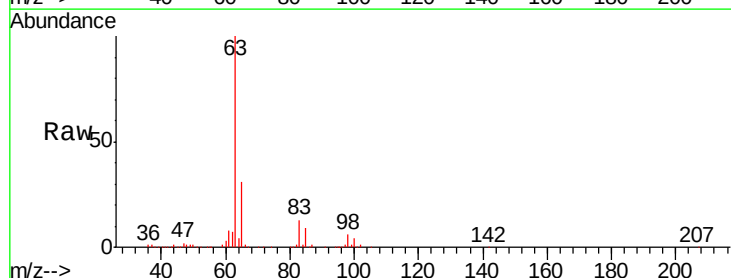
Tgt Ion: 63 Resp: 243850

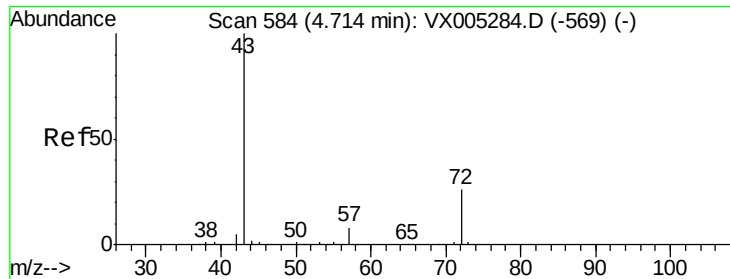
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 289.28 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 43 Resp: 697957

Ion Ratio Lower Upper

43 100

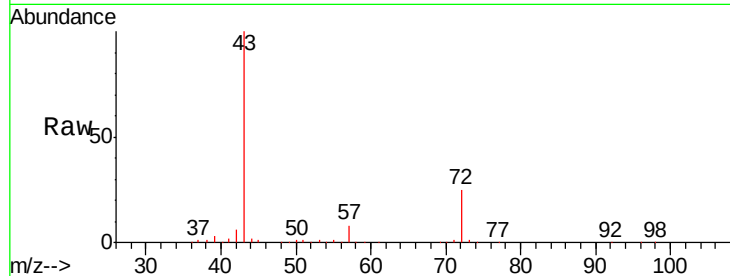
72 25.1 22.0 33.0

Manual Integrations

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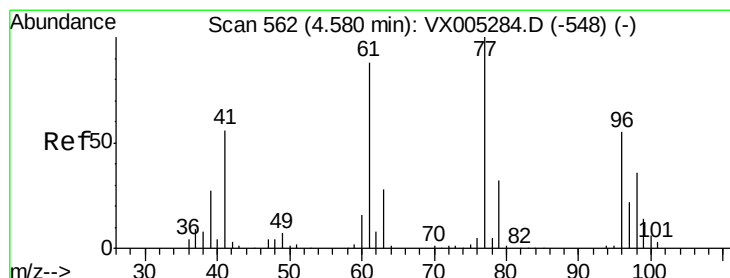
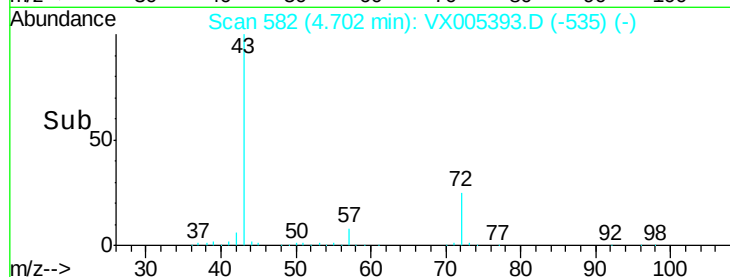
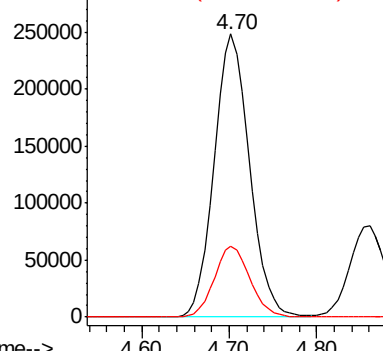
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.66 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005393.D

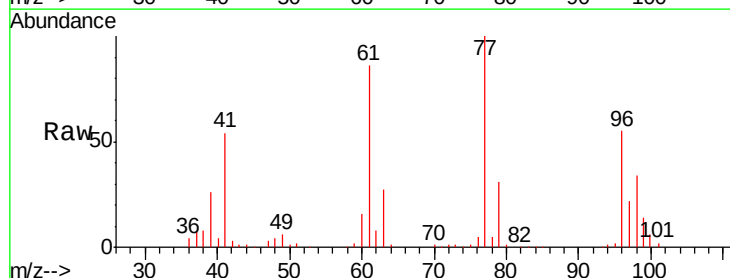
Acq: 17 Oct 2018 16:15

Tgt Ion: 77 Resp: 176657

Ion Ratio Lower Upper

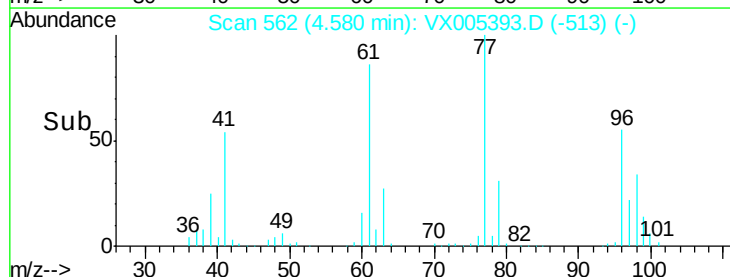
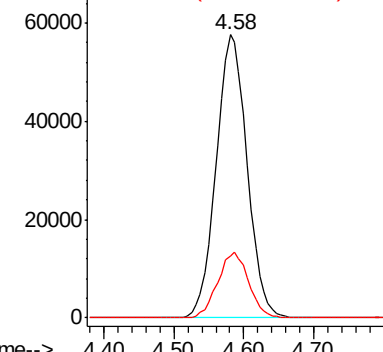
77 100

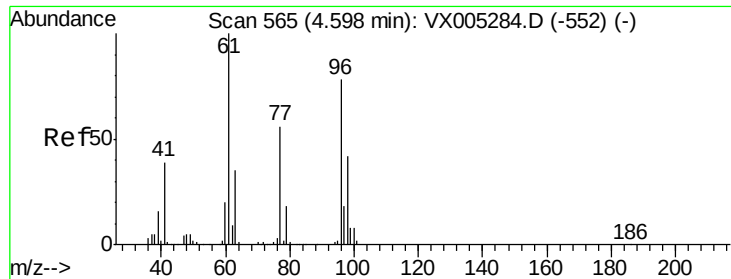
97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

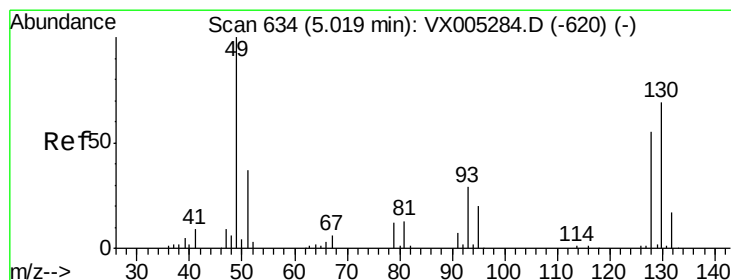
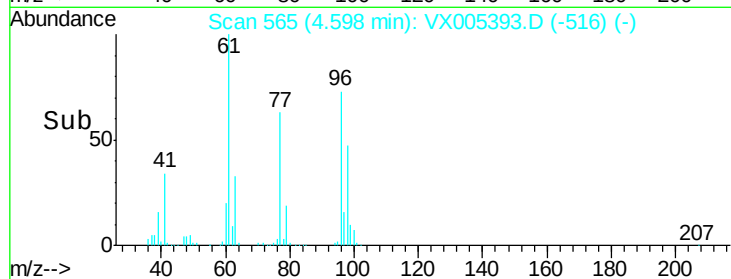
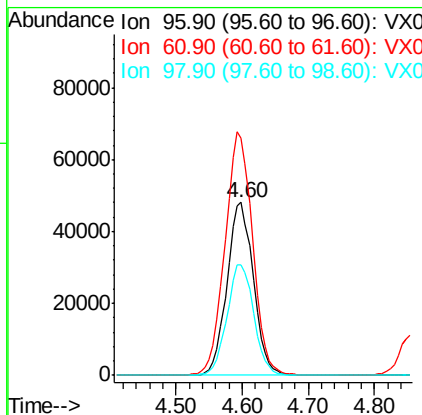
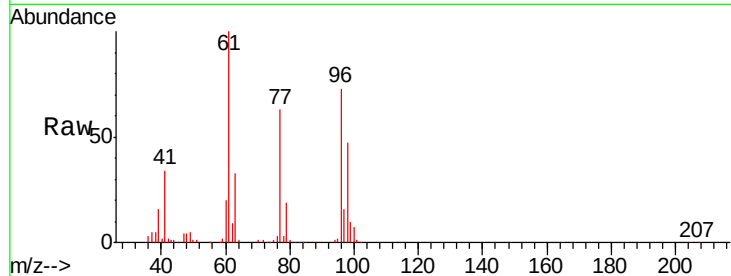
cis-1,2-Dichloroethene
Concen: 49.12 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	133143		
61	147.1	0.0	282.6	
98	65.0	0.0	130.2	

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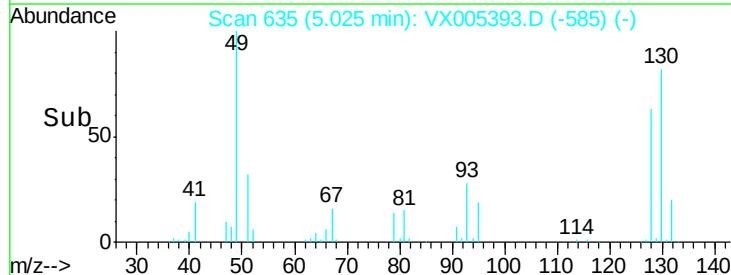
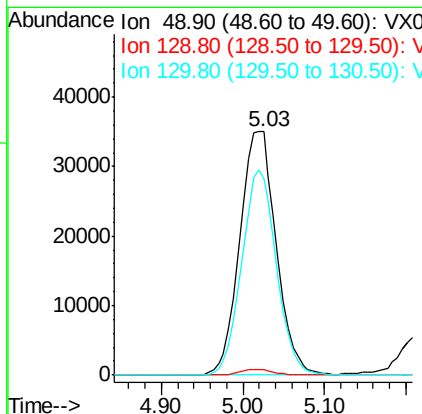
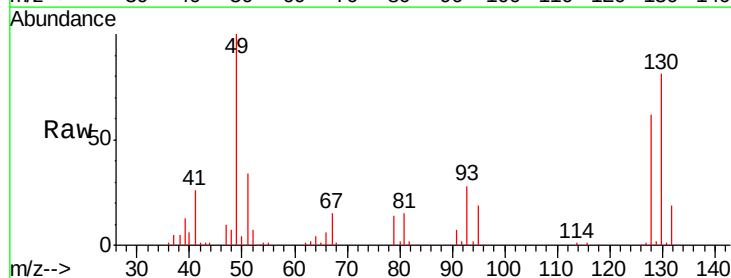
MMDadoda
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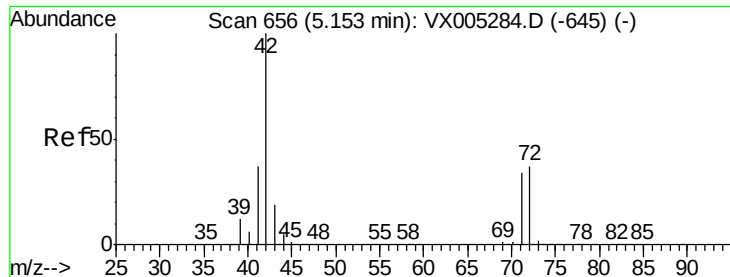


#28

Bromochloromethane
Concen: 50.26 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108988		
129	2.2	0.0	4.2	
130	80.1	67.5	101.3	





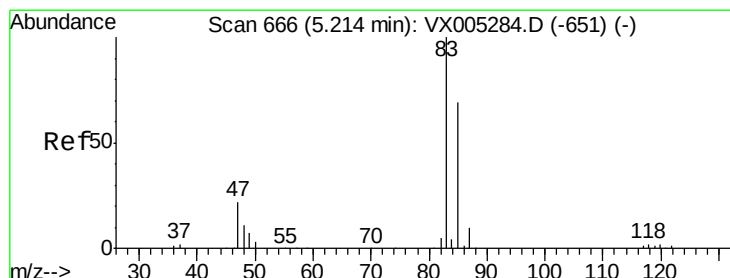
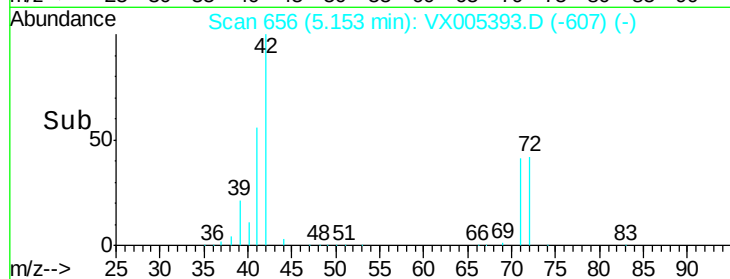
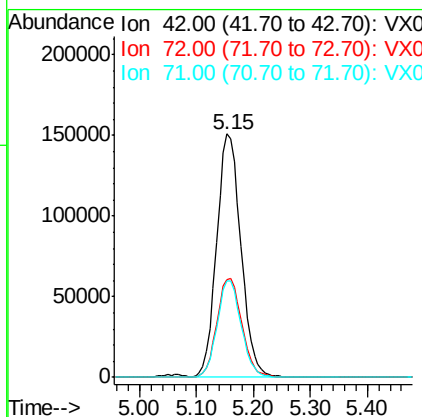
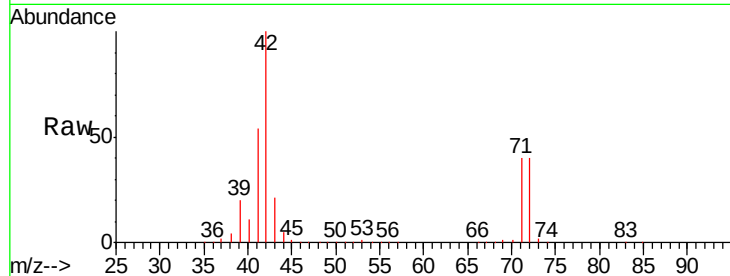
#29
Tetrahydrofuran
Concen: 290.06 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	37.4	56.0
71	39.7	34.5	51.7

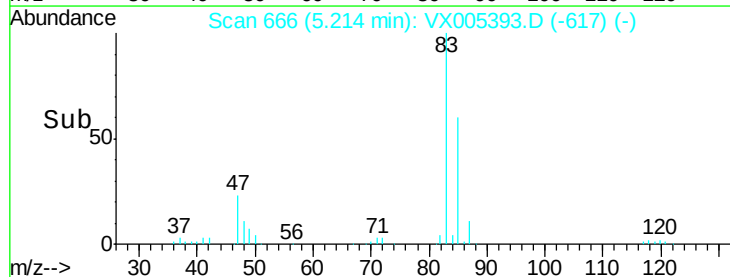
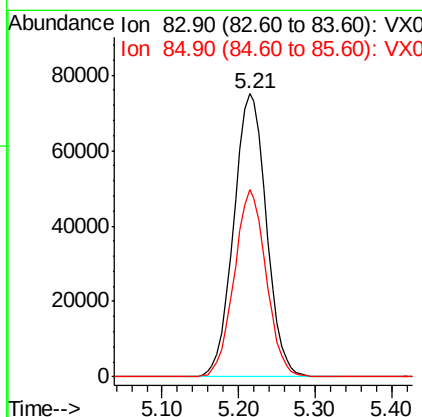
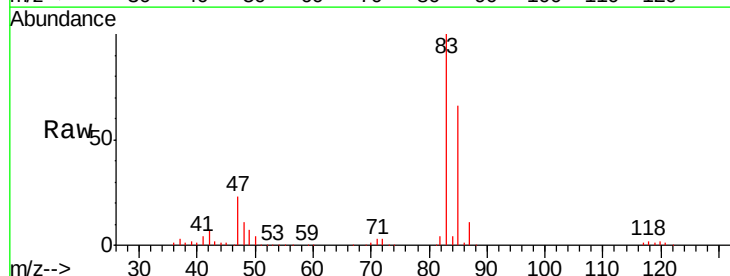
Manual Integrations
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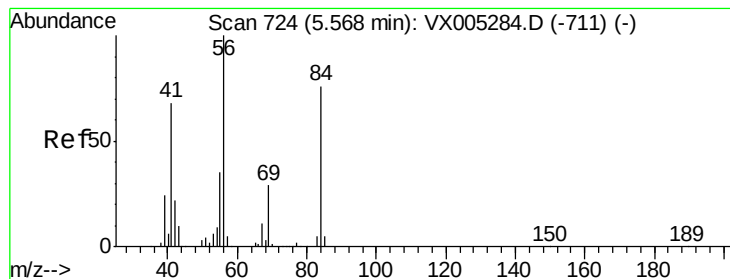
MMDadoda
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#30
Chloroform
Concen: 50.31 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.6	79.0





#31

Cyclohexane

Concen: 50.30 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

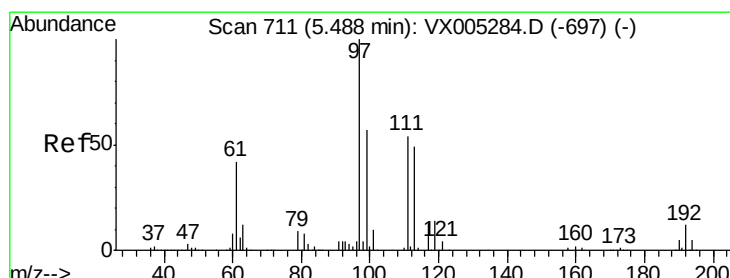
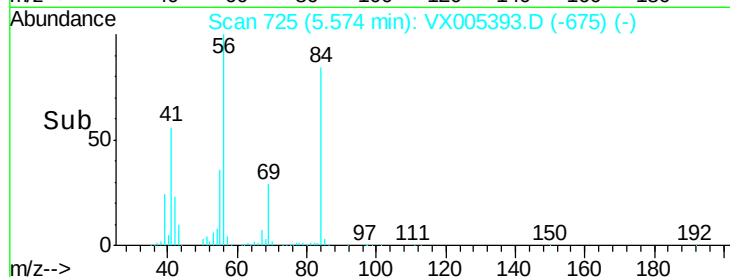
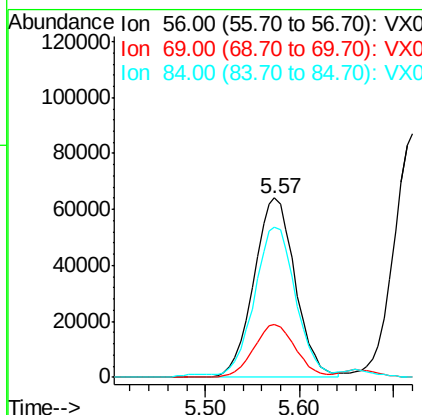
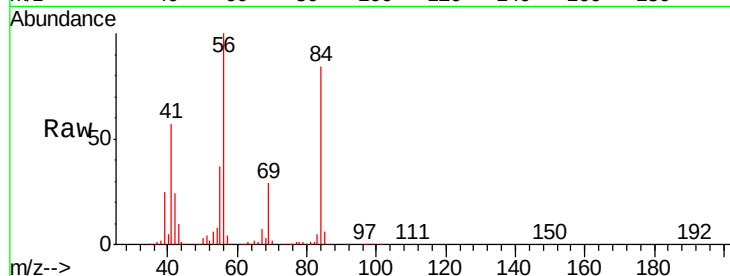
ClientSampled :

MW-1MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.4	38.2
84	82.1	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.42 ug/l

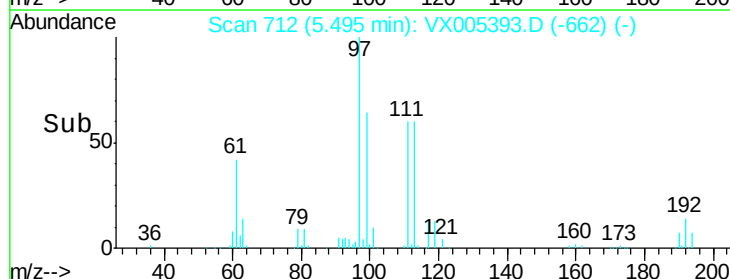
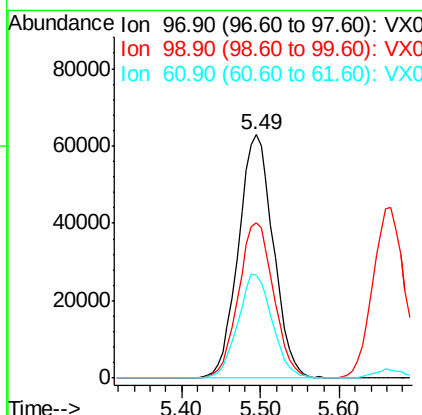
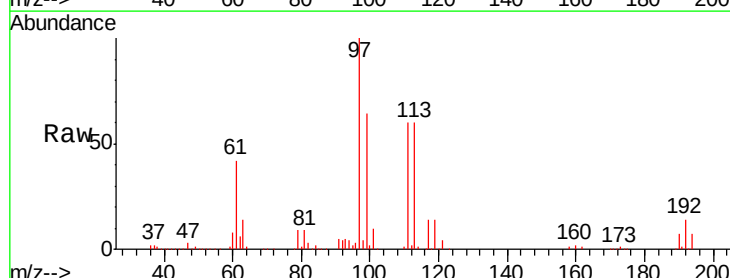
RT: 5.49 min Scan# 712

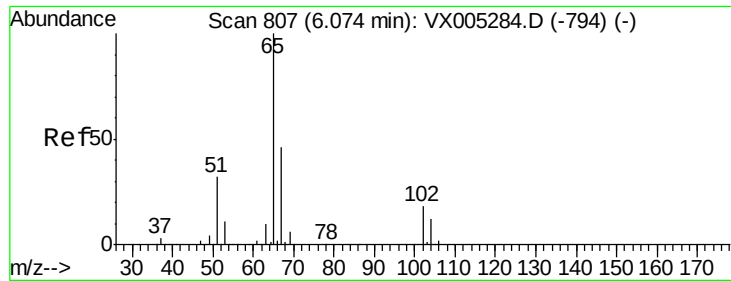
Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	42.3	34.9	52.3





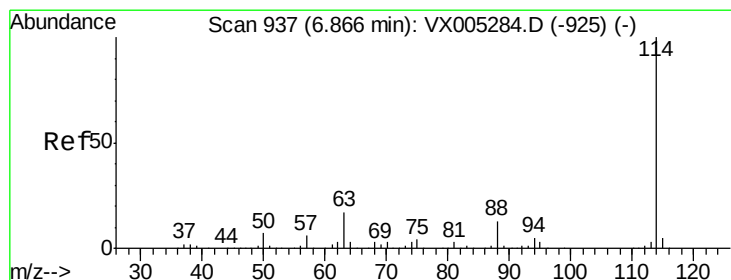
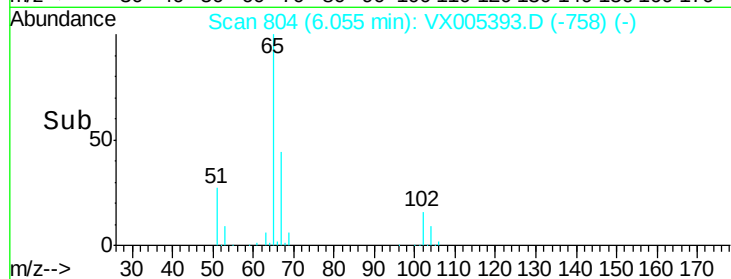
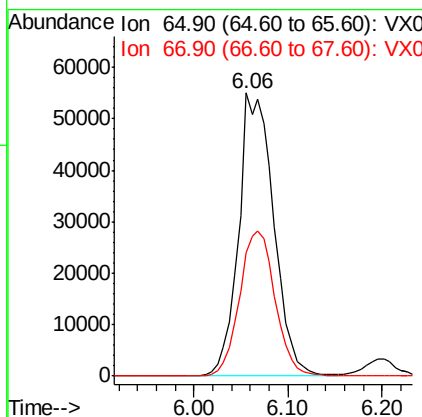
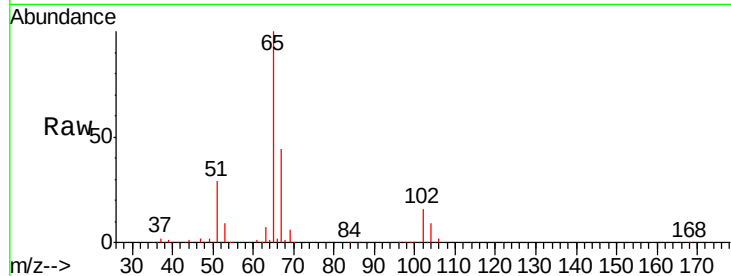
#33
 1,2-Dichloroethane-d4
 Concen: 50.33 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Tgt Ion: 65 Resp: 143543
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.8

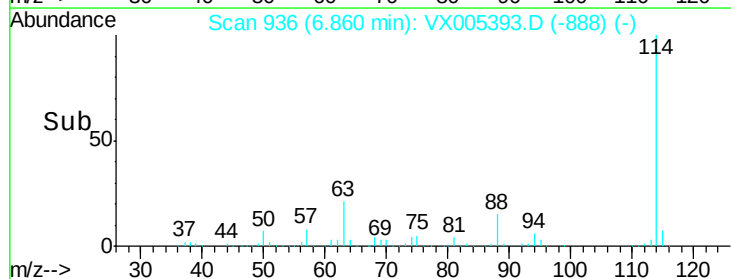
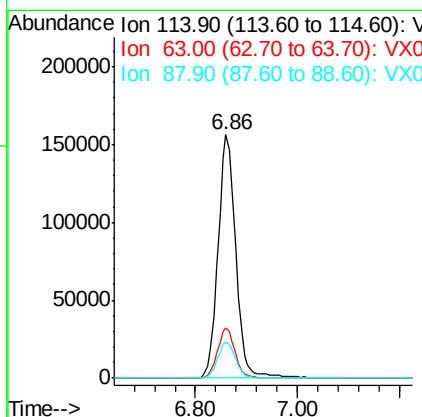
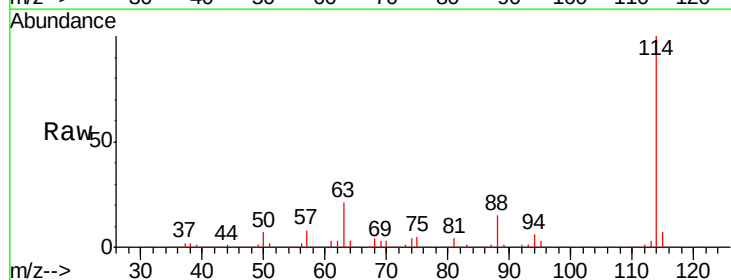
Manual Integrations
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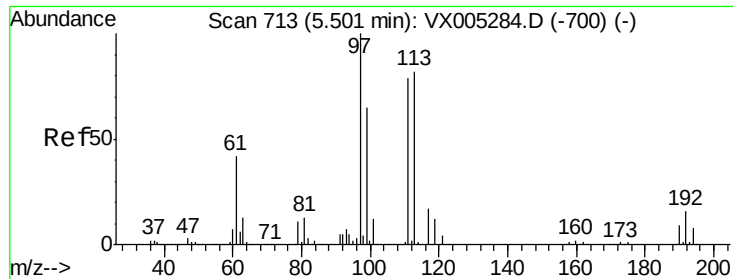
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion: 114 Resp: 379080
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 15.1 0.0 30.4





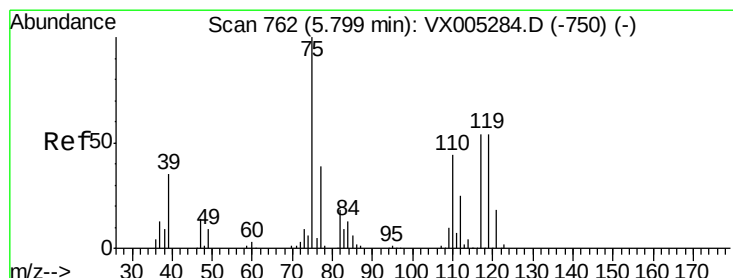
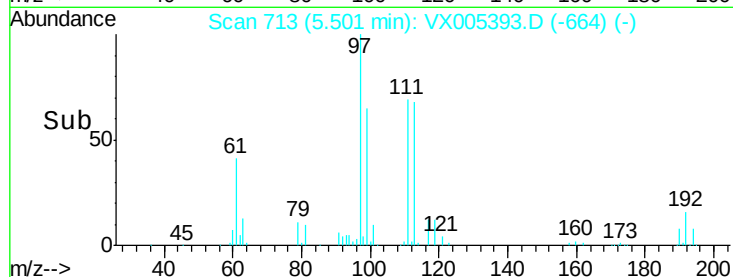
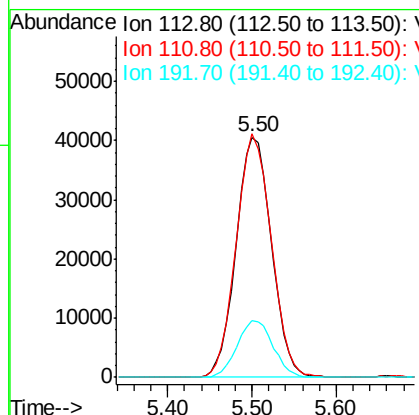
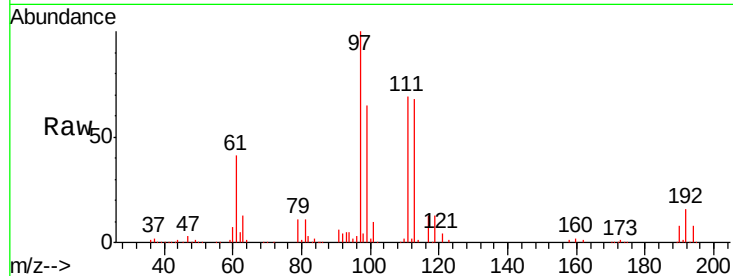
#35
Dibromofluoromethane
Concen: 46.02 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	115532		
111	100.5	82.4	123.6	
192	24.0	19.4	29.2	

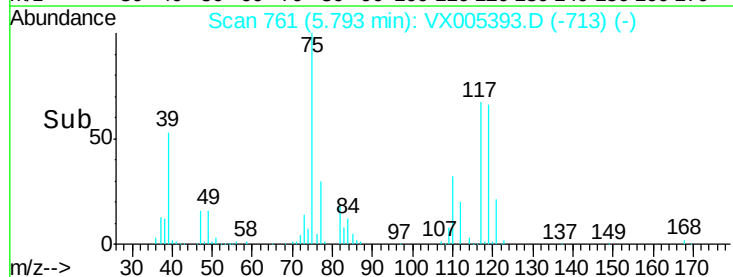
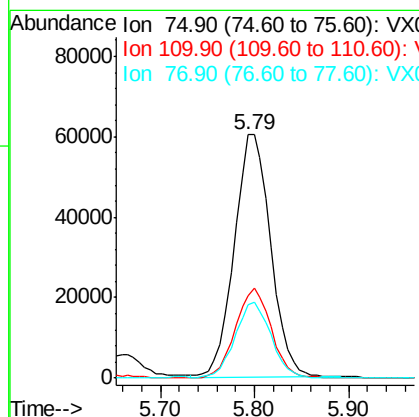
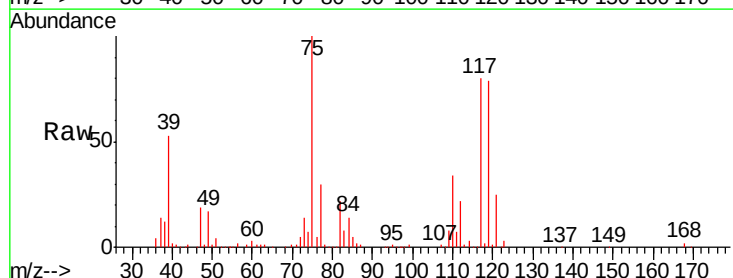
Manual Integrations
APPROVED

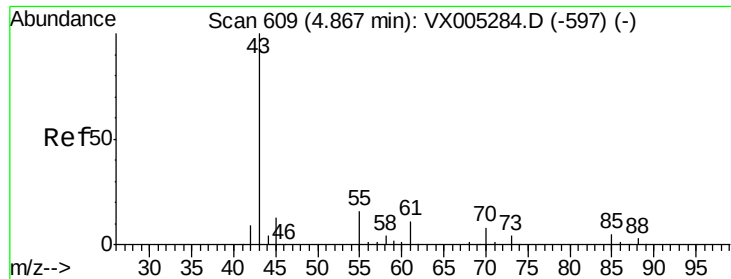
MMDadoda
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#36
1,1-Dichloropropene
Concen: 44.41 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	163048		
110	36.4	18.0	54.0	
77	30.9	24.6	36.8	





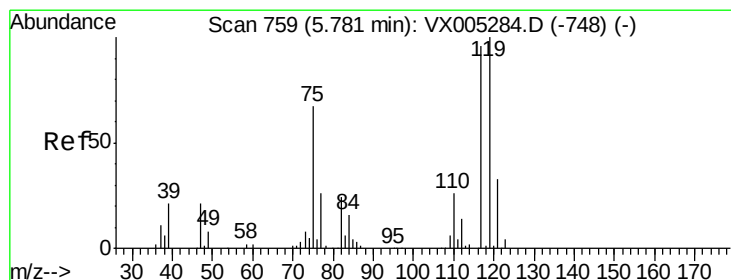
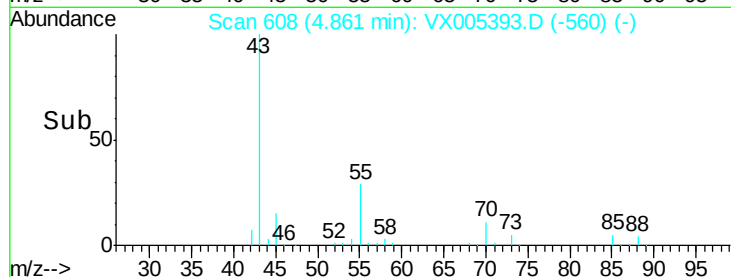
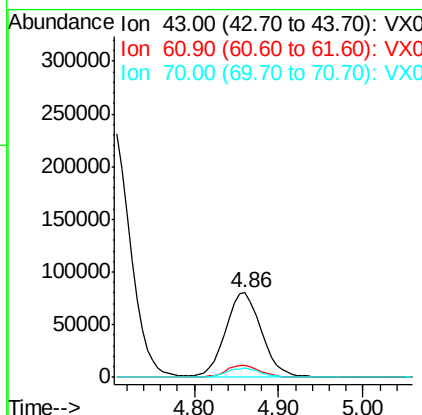
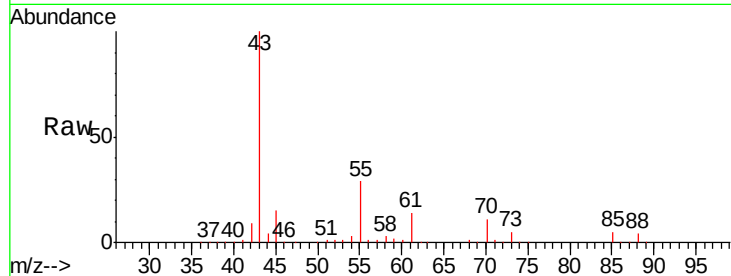
#37
Ethyl Acetate
Concen: 49.23 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	10.5	9.0	13.6

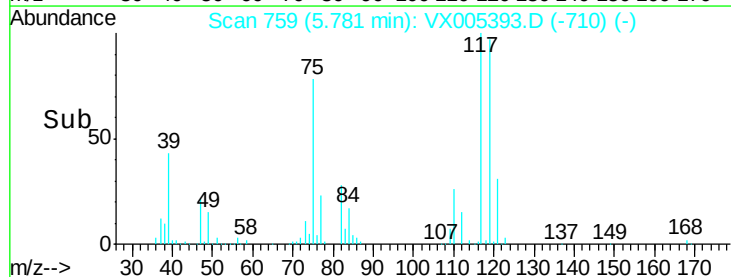
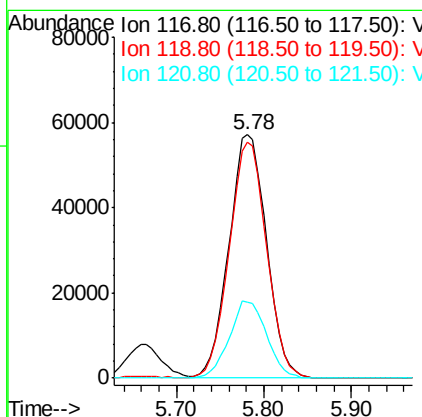
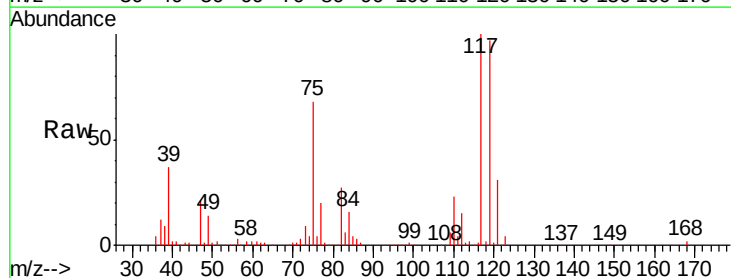
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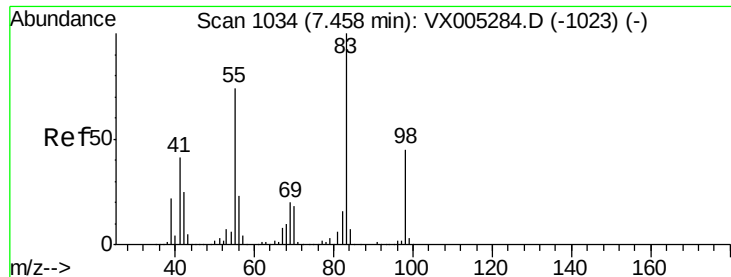
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10/19/2018 12:23:27 PM



#38
Carbon Tetrachloride
Concen: 46.18 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.8	118.2
121	31.4	24.9	37.3





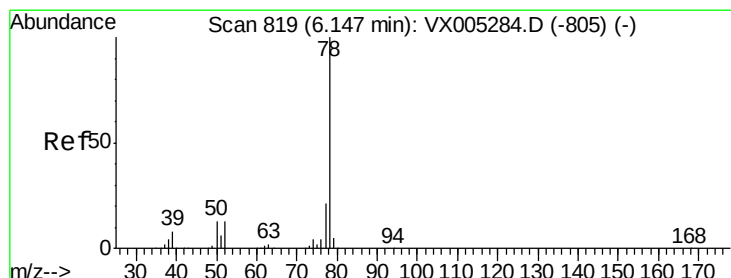
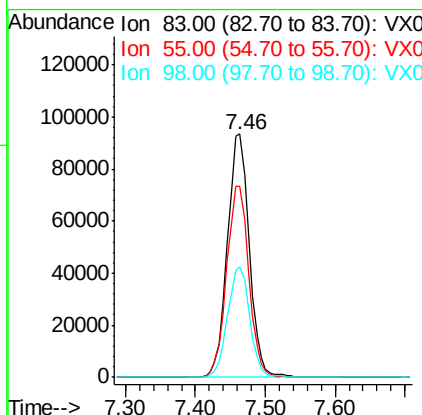
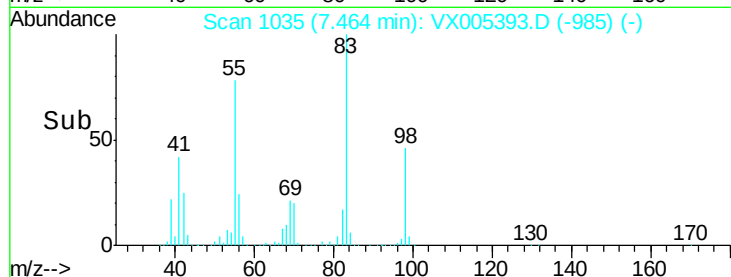
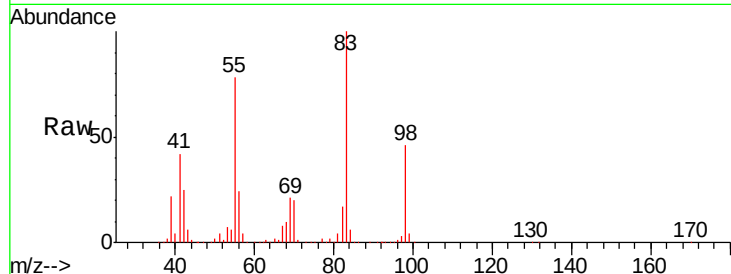
#39
Methylcyclohexane
Concen: 51.23 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	78.5	61.0	91.4
98	45.5	39.6	59.4

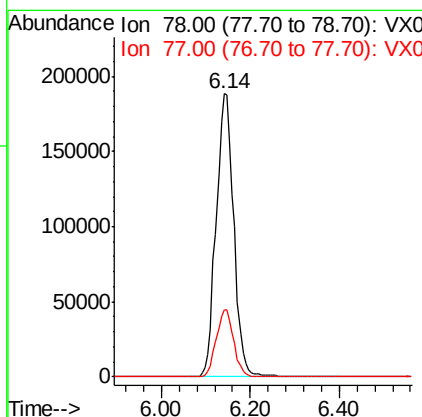
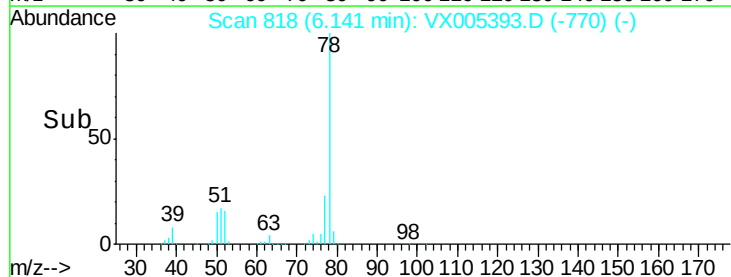
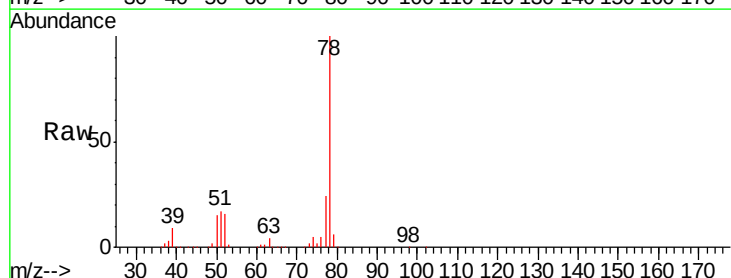
Manual Integrations
APPROVED

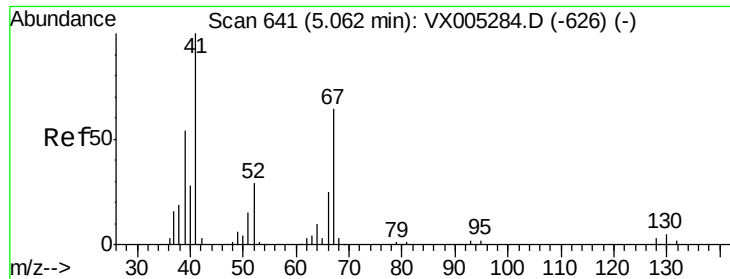
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#40
Benzene
Concen: 47.14 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.5	19.0	28.4





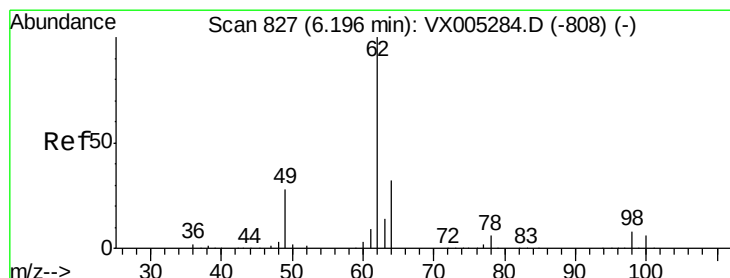
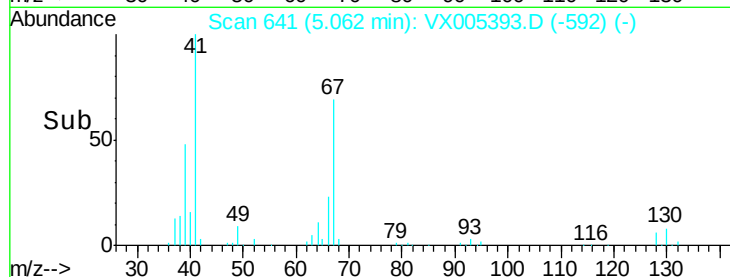
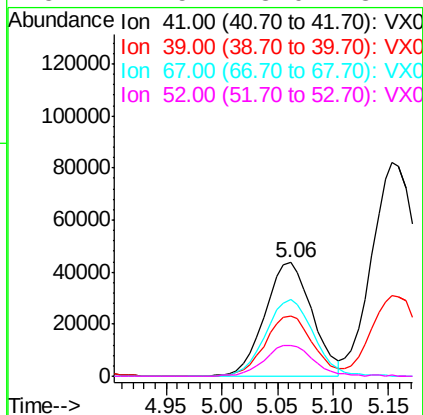
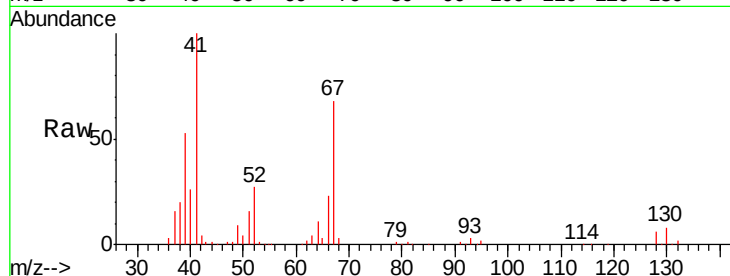
#41
Methacrylonitrile
Concen: 50.79 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampled :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.4	63.6
67	69.2	59.2	88.8
52	27.5	23.0	34.4

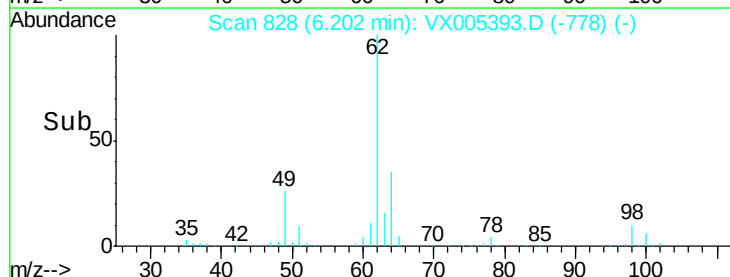
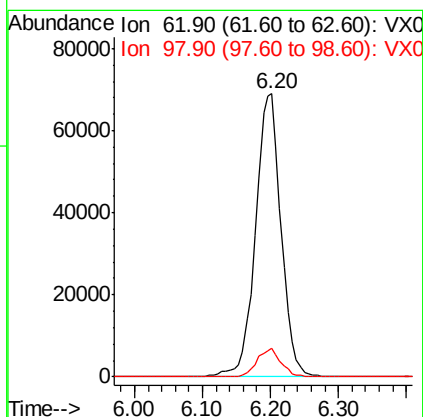
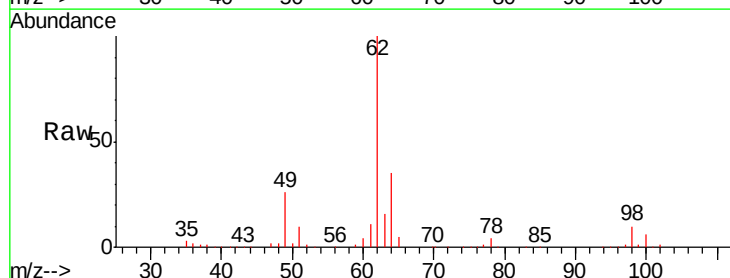
Manual Integrations
APPROVED

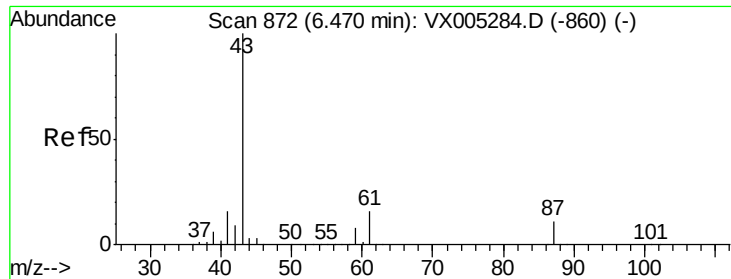
MMDadoda
10/19/2018 12:23:27 PM



#42
1,2-Dichloroethane
Concen: 46.58 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.6





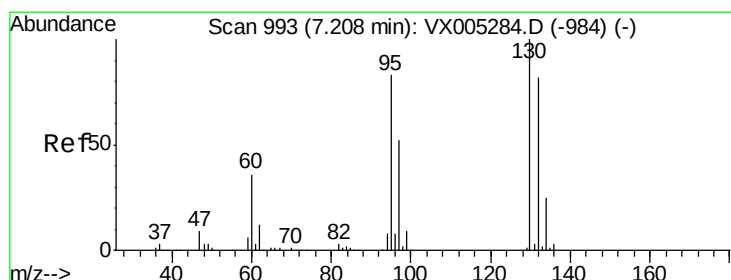
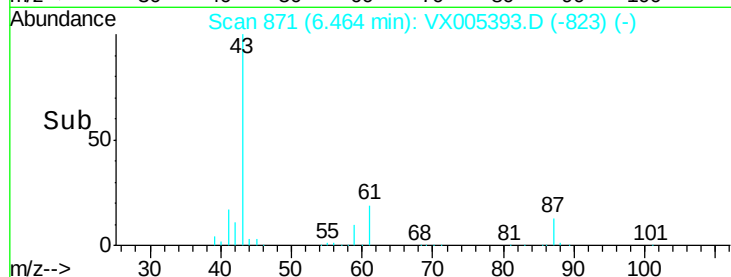
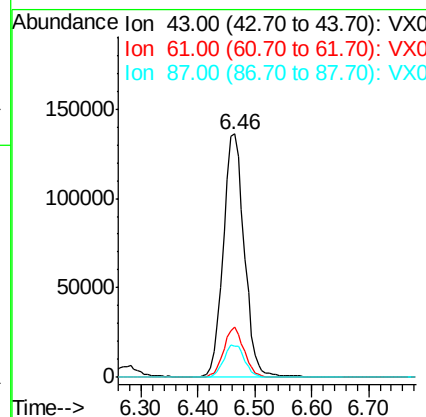
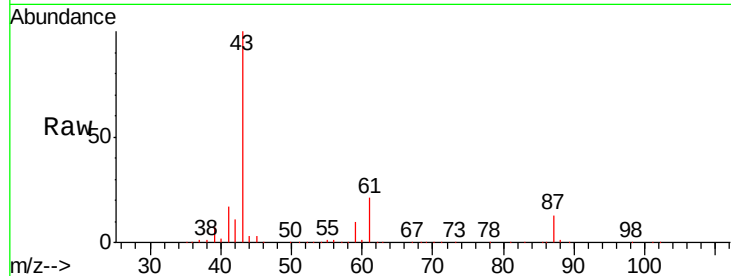
#43
Isopropyl Acetate
Concen: 55.43 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.0	25.4
87	13.3	11.4	17.2

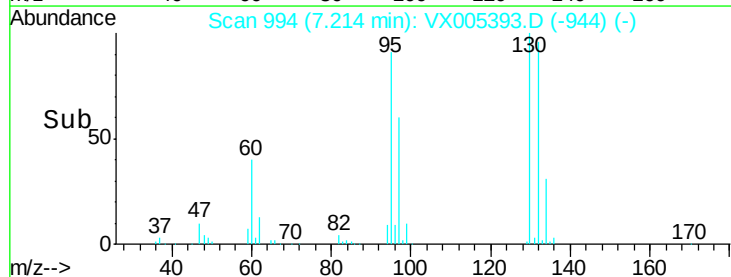
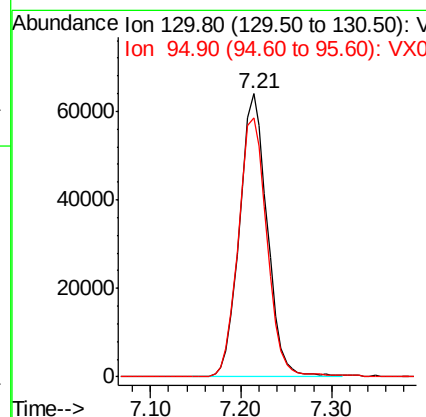
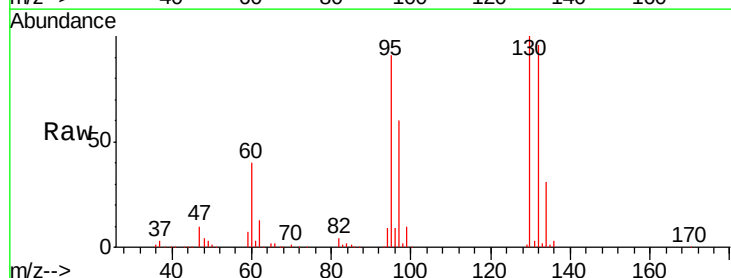
Manual Integrations
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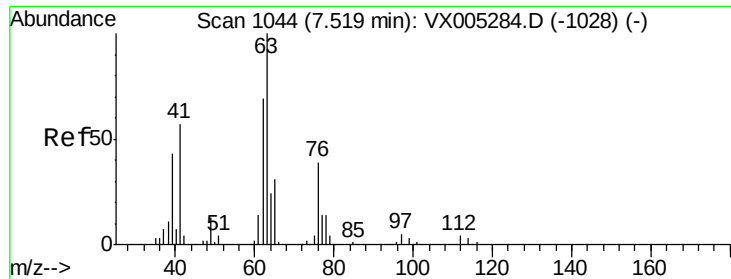
MMDadoda
10/19/2018 12:23:27 PM



#44
Trichloroethene
Concen: 48.14 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	181.6





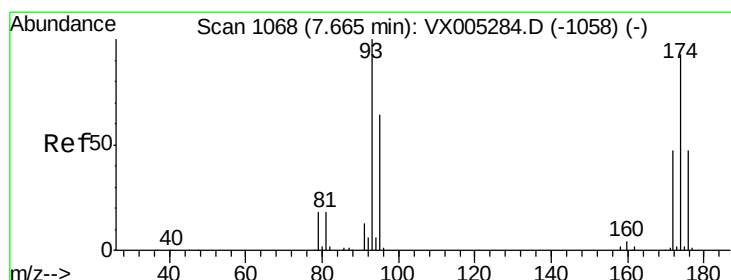
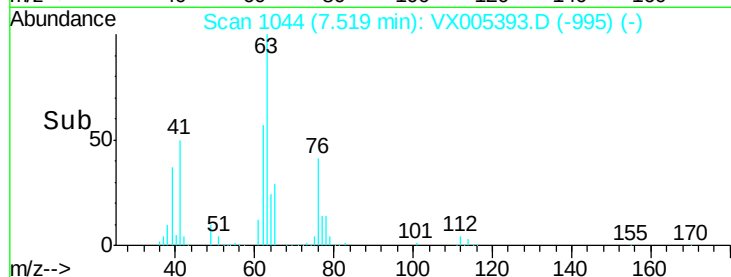
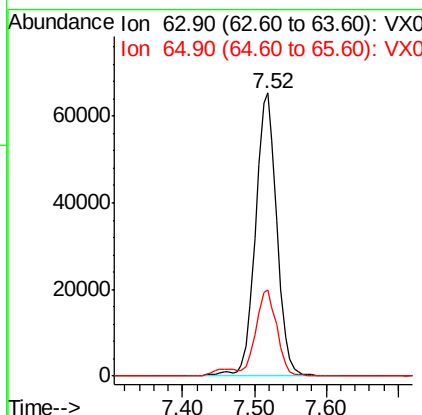
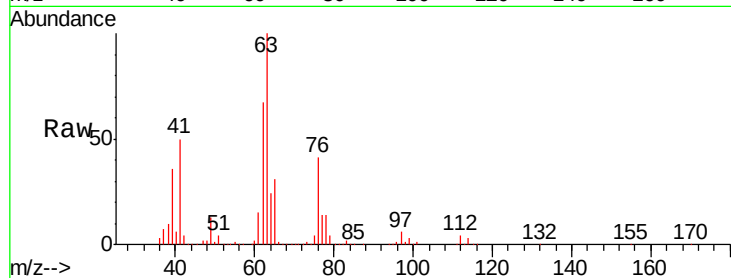
#45
 1,2-Dichloropropane
 Concen: 49.87 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1MS

Tgt Ion: 63 Resp: 134740
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5

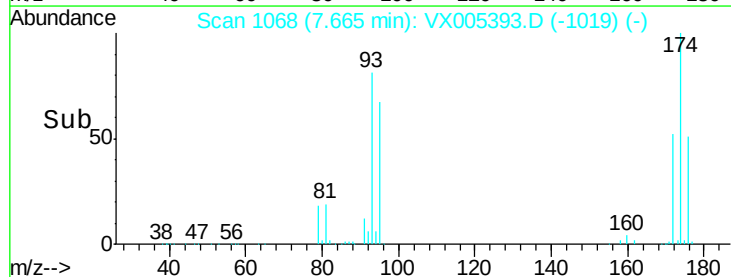
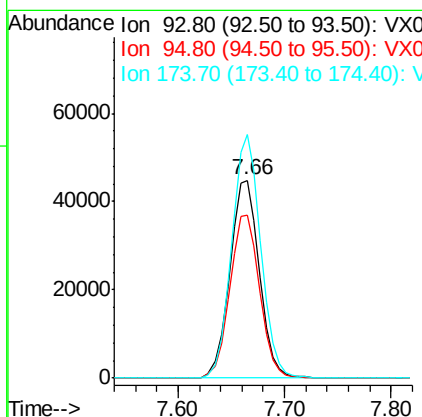
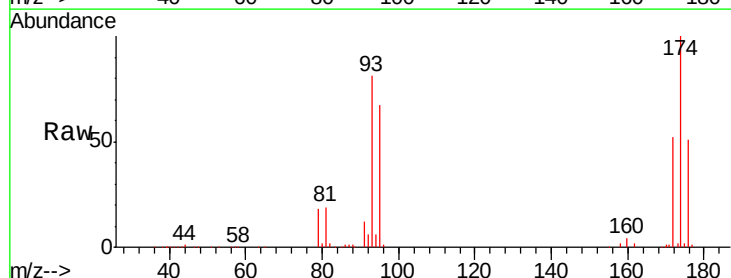
Manual Integrations
 APPROVED

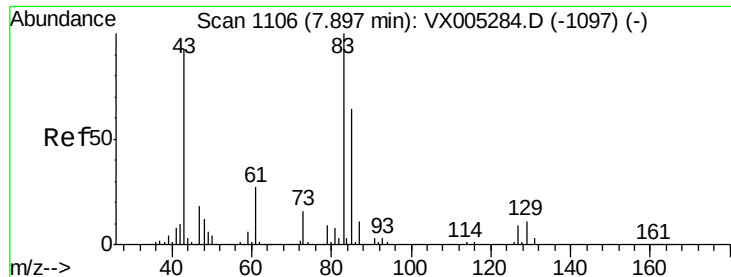
MMDadoda
 10/19/2018 12:23:27 PM



#46
 Dibromomethane
 Concen: 48.87 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion: 93 Resp: 87131
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 121.1 94.2 141.4





#47

Bromodichloromethane

Concen: 50.87 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

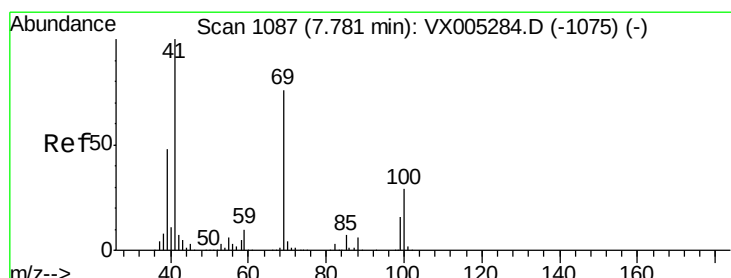
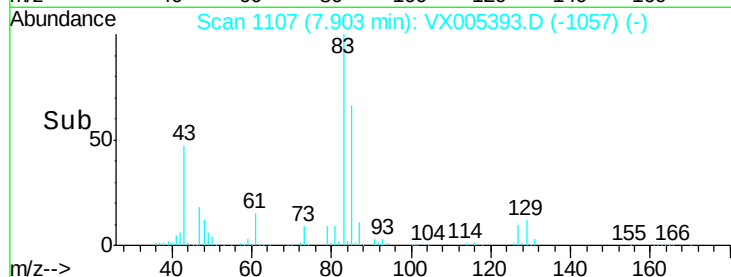
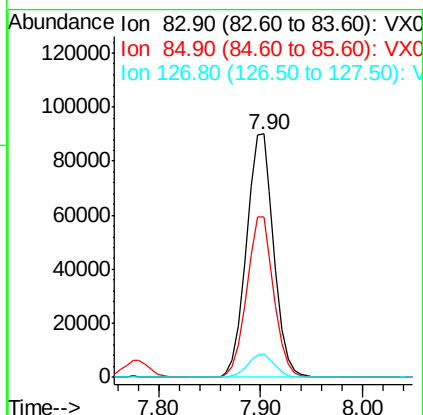
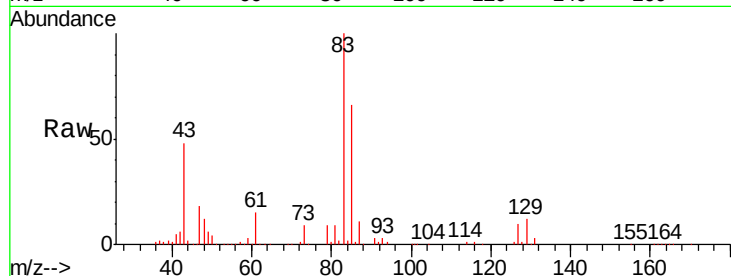
ClientSampleId :

MW-1MS

Tgt Ion:	83	Resp:	167774
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.9	76.3
127	9.5	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.11 ug/l

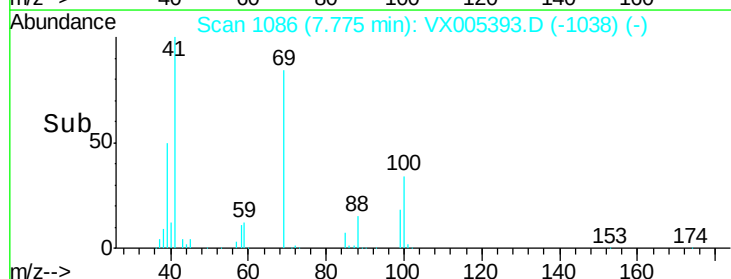
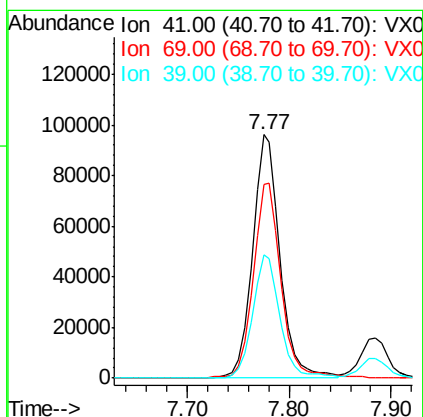
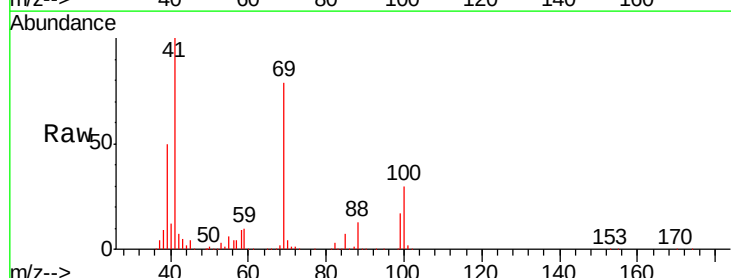
RT: 7.77 min Scan# 1086

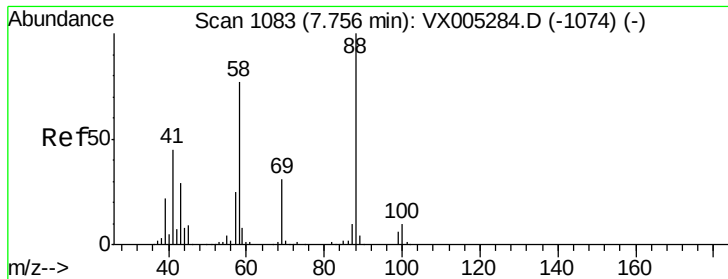
Delta R.T. -0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion:	41	Resp:	179755
Ion	Ratio	Lower	Upper
41	100		
69	82.0	70.2	105.4
39	50.4	42.7	64.1





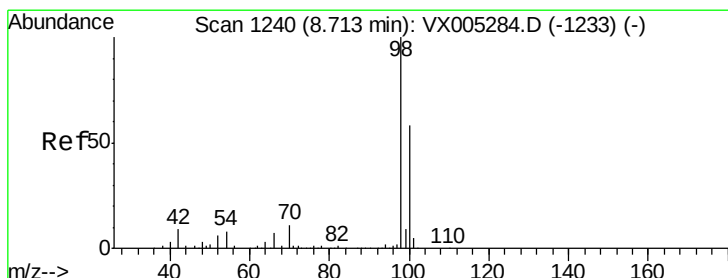
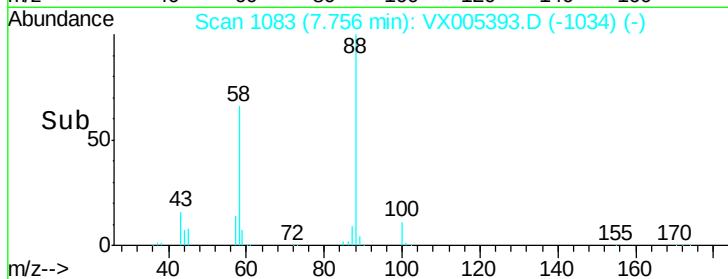
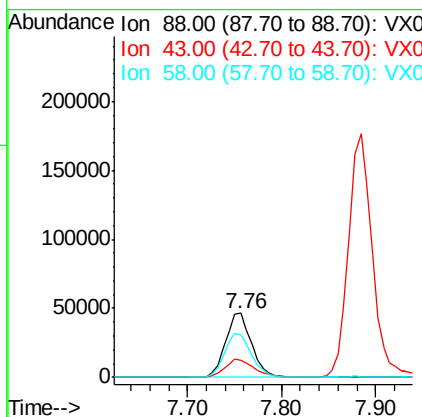
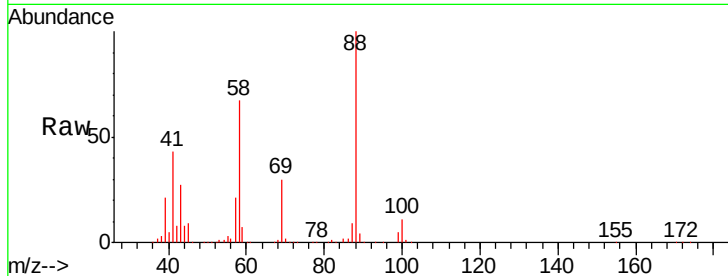
#49
1,4-Dioxane
Concen: 1174.95 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.7	37.1
58	71.3	55.3	82.9

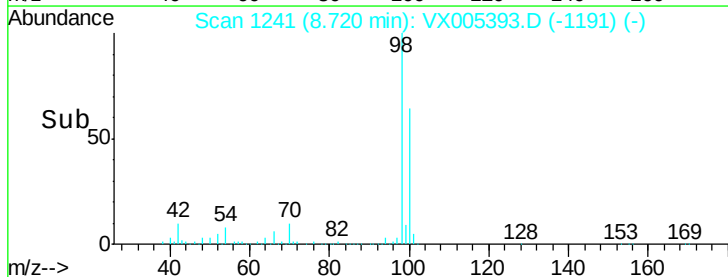
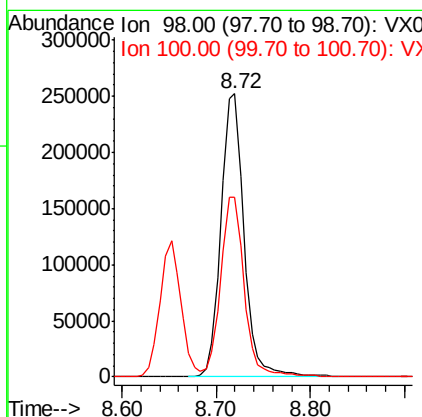
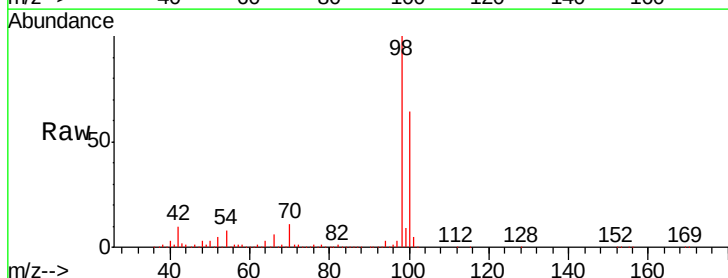
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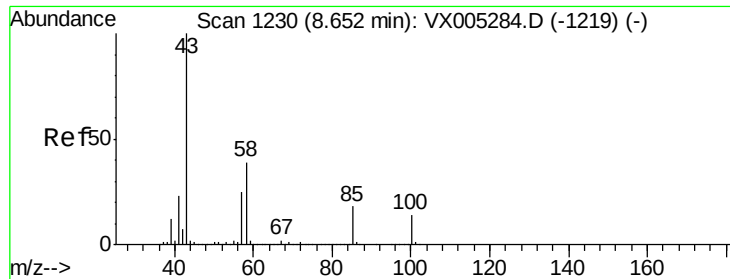
MMDadoda
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#50
Toluene-d8
Concen: 49.73 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3





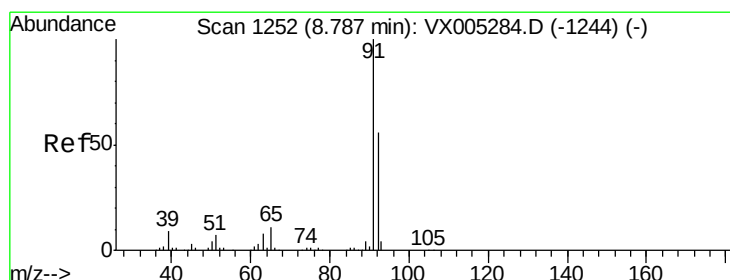
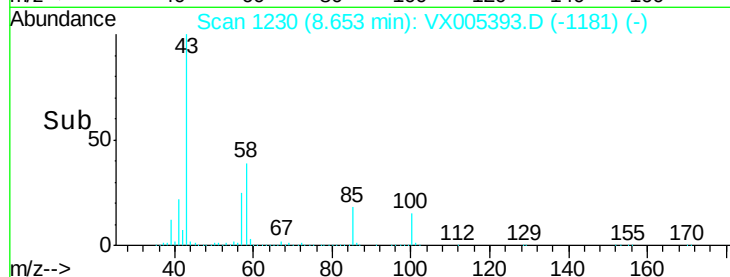
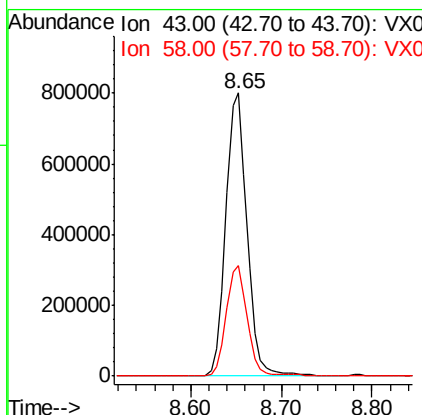
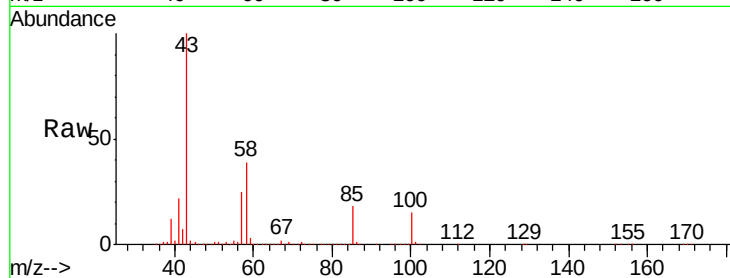
#51
 4-Methyl-2-Pentanone
 Concen: 299.30 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1MS

Tgt Ion: 43 Resp: 1303437
 Ion Ratio Lower Upper
 43 100
 58 39.1 33.1 49.7

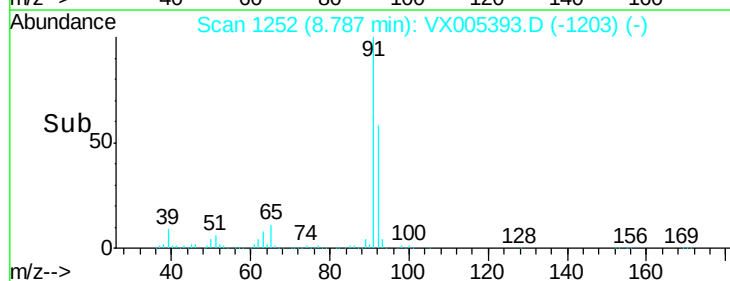
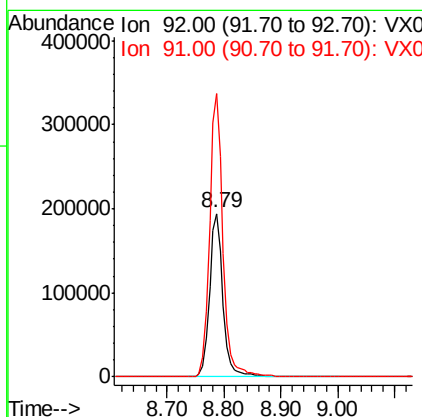
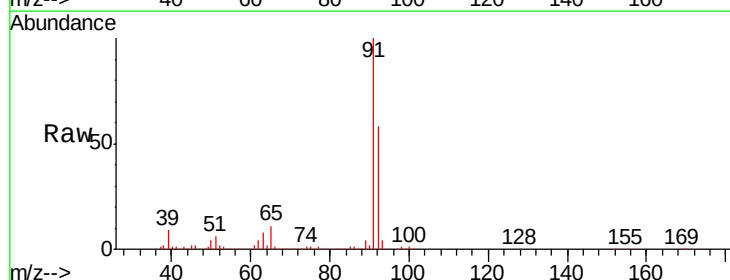
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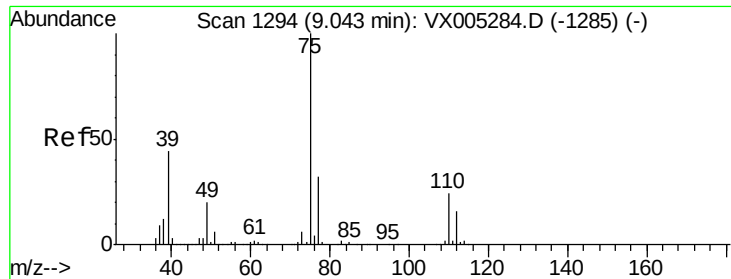
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#52
 Toluene
 Concen: 52.80 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion: 92 Resp: 318154
 Ion Ratio Lower Upper
 92 100
 91 173.4 136.4 204.6





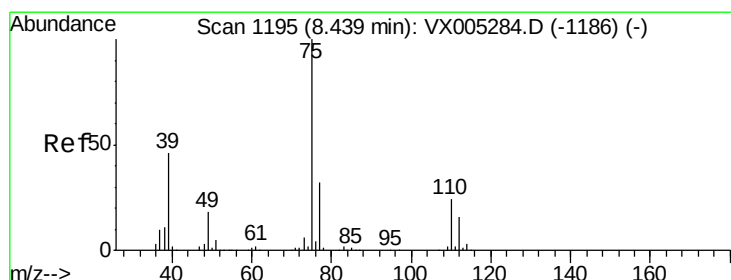
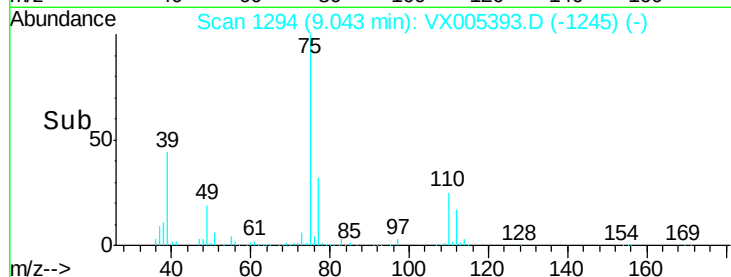
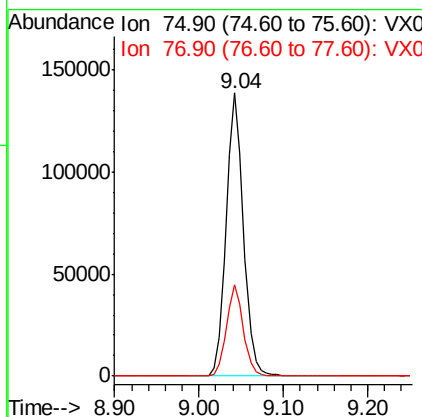
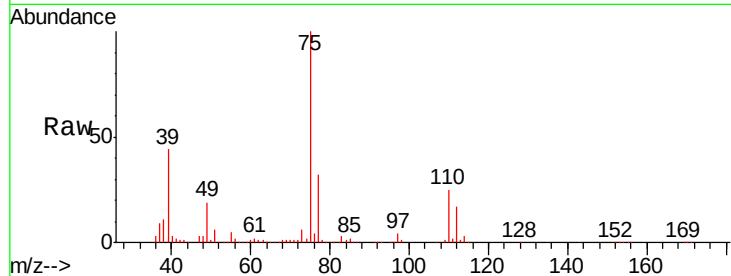
#53
t-1,3-Dichloropropene
Concen: 54.23 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion: 75 Resp: 193574
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

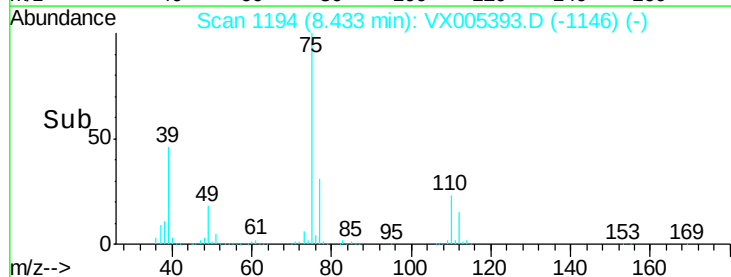
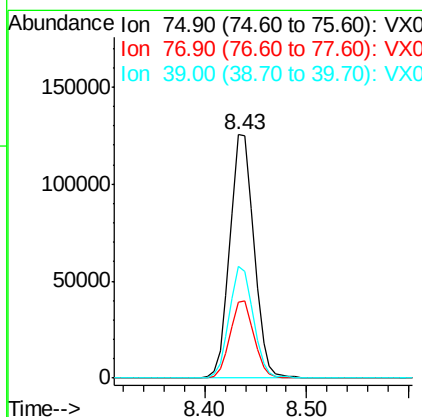
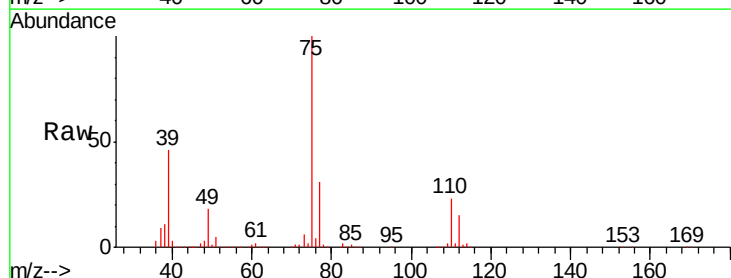
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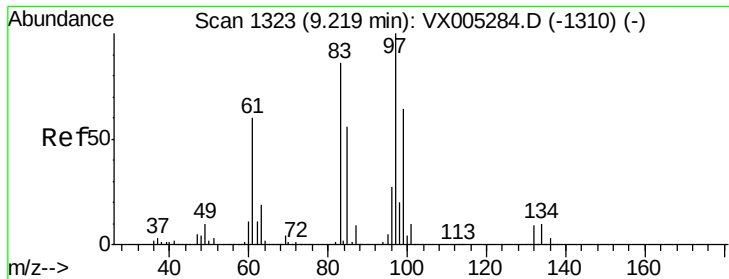
MMDadoda
10/19/2018 12:23:27 PM



#54
cis-1,3-Dichloropropene
Concen: 52.98 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion: 75 Resp: 204878
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2
39 45.9 36.4 54.6





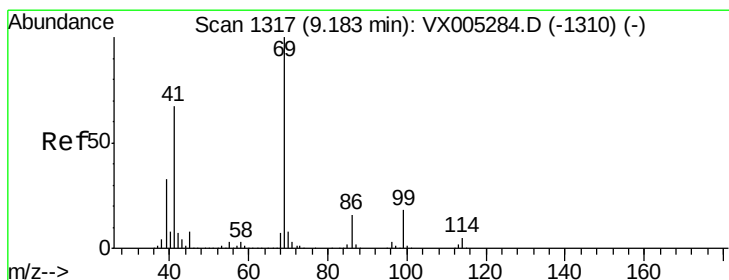
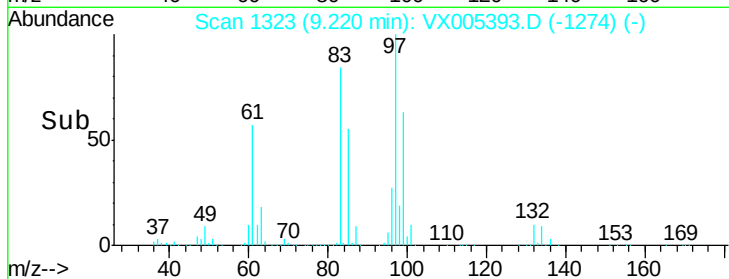
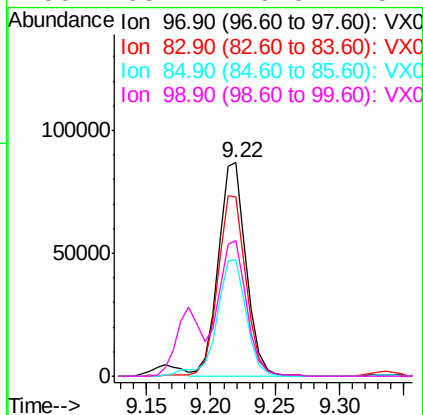
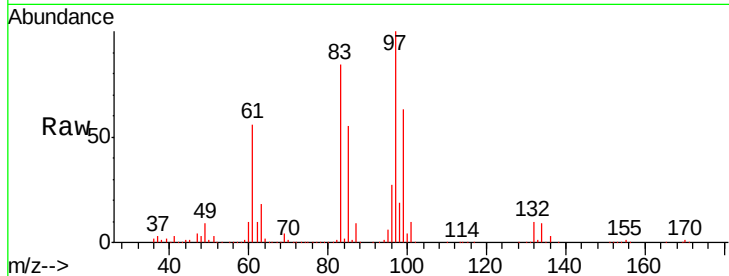
#55
 1,1,2-Trichloroethane
 Concen: 51.68 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	131881		
83	83.9	66.4	99.6	
85	54.7	43.3	64.9	
99	63.1	49.0	73.4	

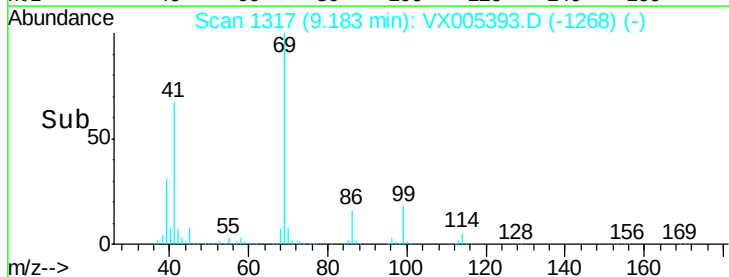
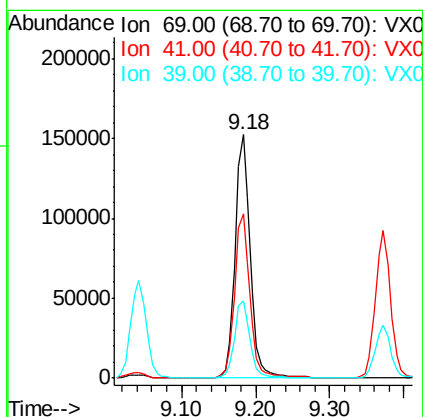
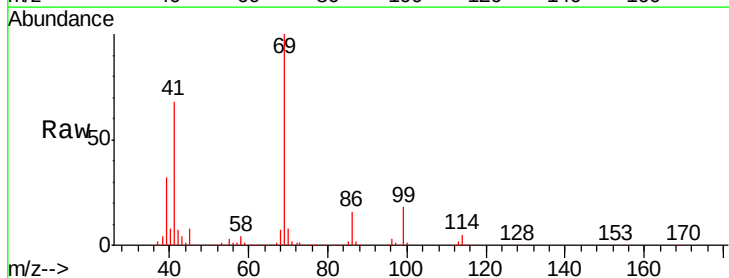
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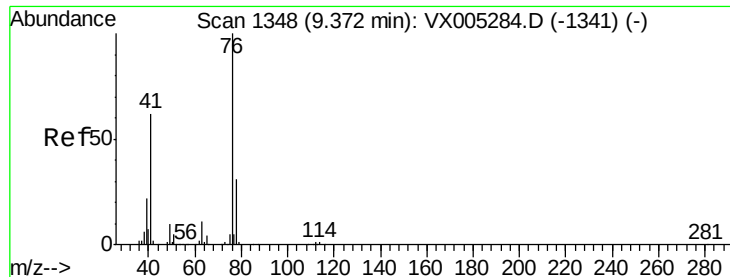
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 58.73 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	218481		
41	68.2	51.0	76.4	
39	32.6	26.1	39.1	





#57

1,3-Dichloropropane

Concen: 52.01 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

MW-1MS

Tgt Ion: 76 Resp: 221520

Ion Ratio Lower Upper

76 100

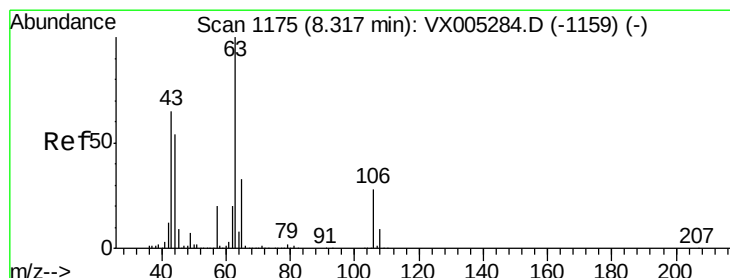
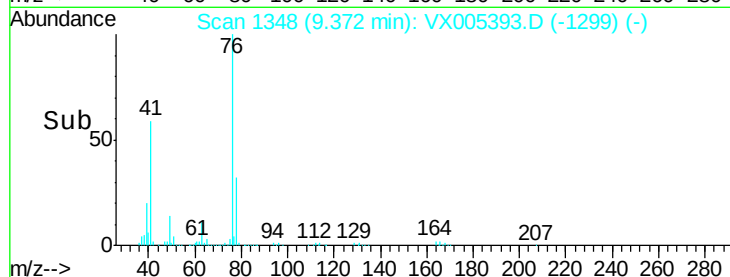
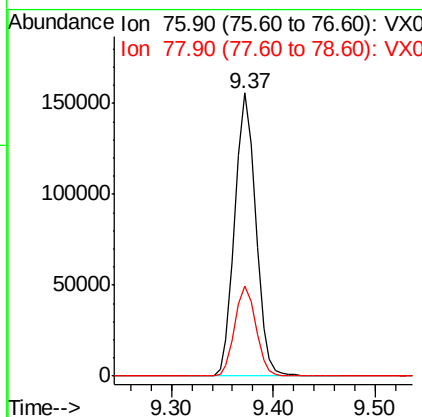
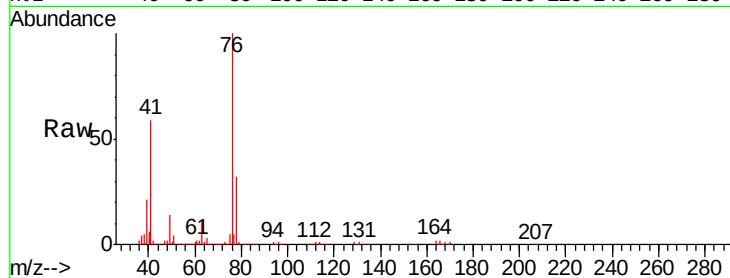
78 32.1 25.5 38.3

Manual Integrations

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10/19/2018 12:23:27 PM



#58

2-Chloroethyl Vinyl ether

Concen: 0.60 ug/l

RT: 8.29 min Scan# 1170

Delta R.T. -0.03 min

Lab File: VX005393.D

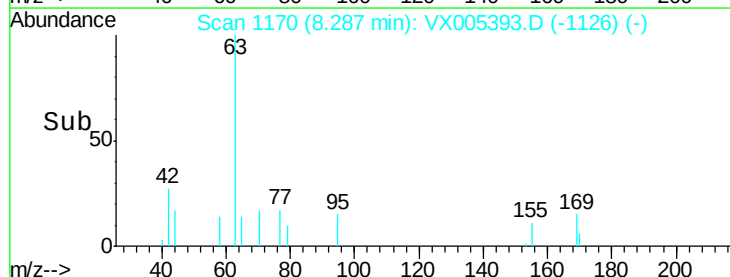
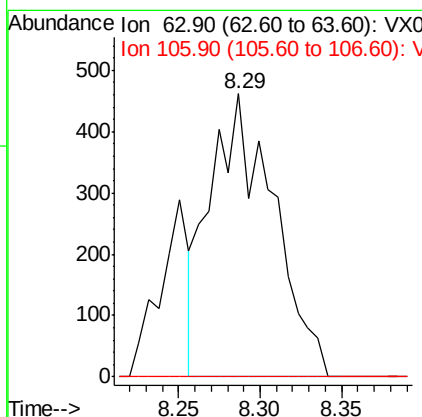
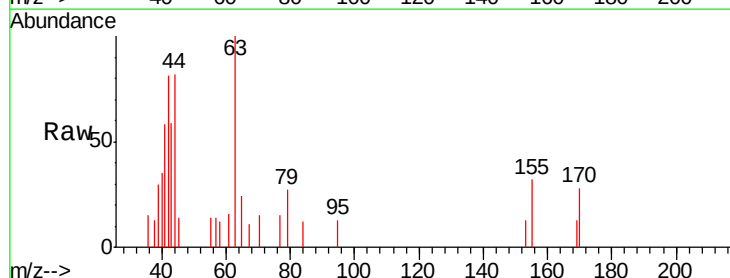
Acq: 17 Oct 2018 16:15

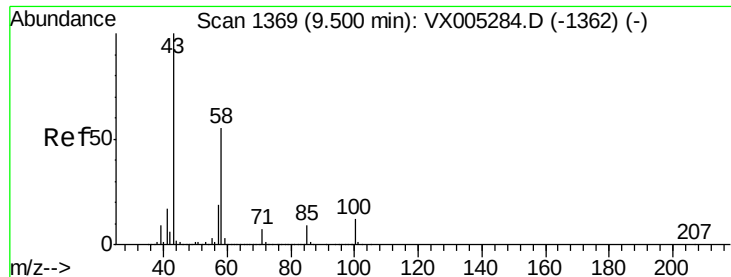
Tgt Ion: 63 Resp: 1245

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#





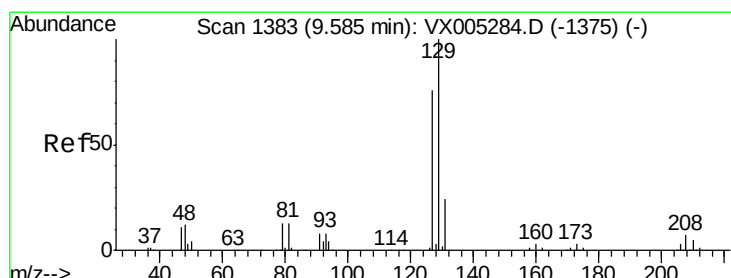
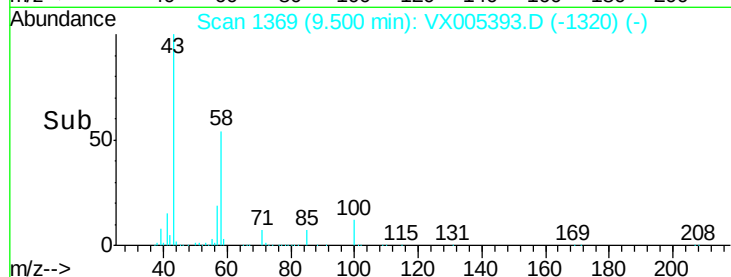
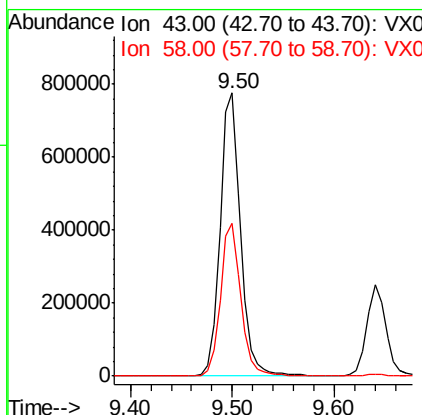
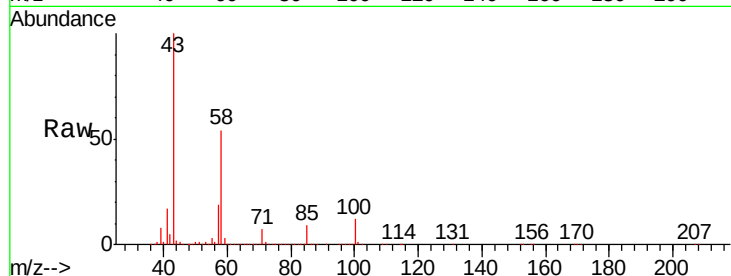
#59
2-Hexanone
Concen: 309.69 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampled :
MW-1MS

Tgt Ion: 43 Resp: 1084889
Ion Ratio Lower Upper
43 100
58 53.9 29.0 87.0

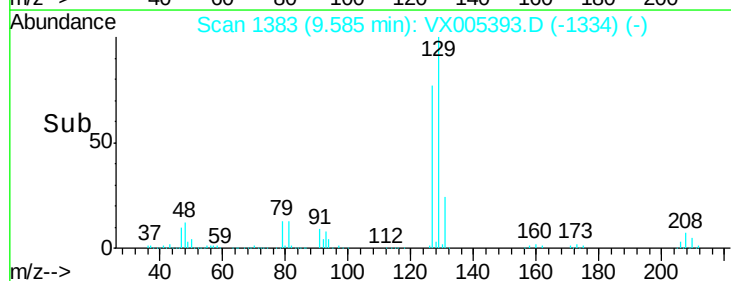
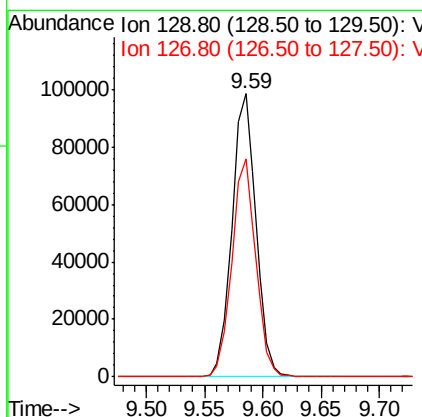
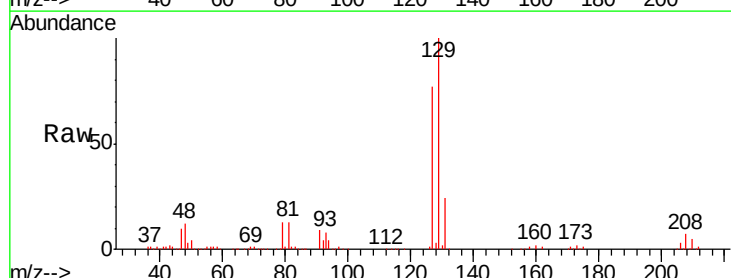
Manual Integrations
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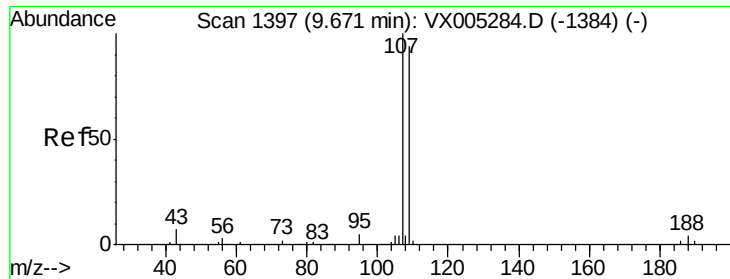
MMDadoda
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#60
Dibromochloromethane
Concen: 53.67 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion: 129 Resp: 141591
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





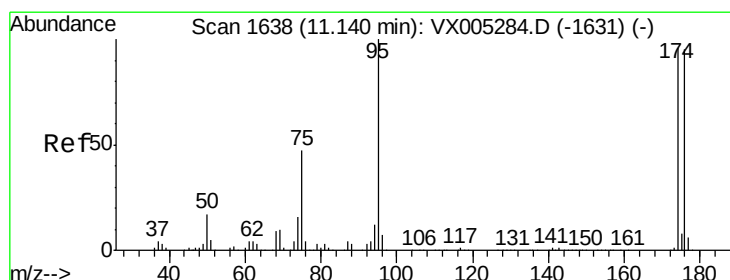
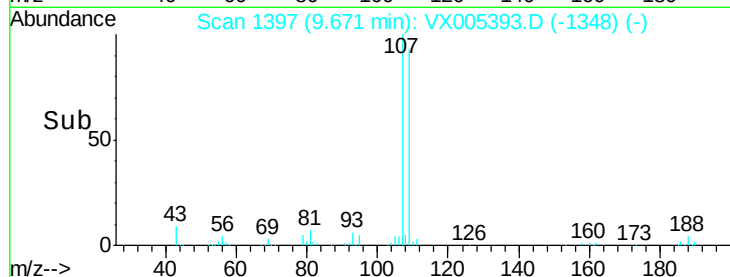
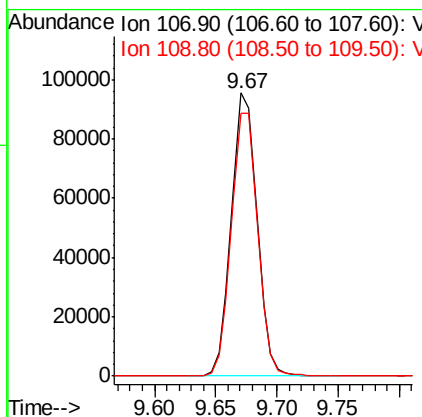
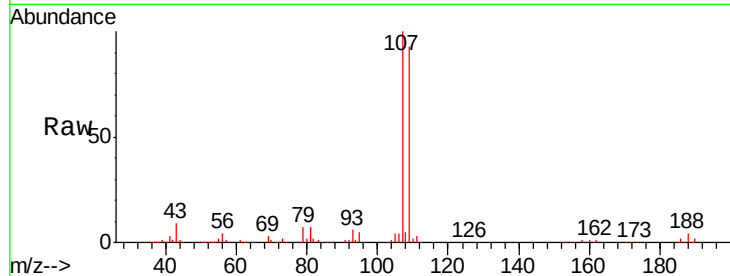
#61
 1,2-Dibromoethane
 Concen: 51.78 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1MS

Tgt Ion: 107 Resp: 138682
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.0 114.0

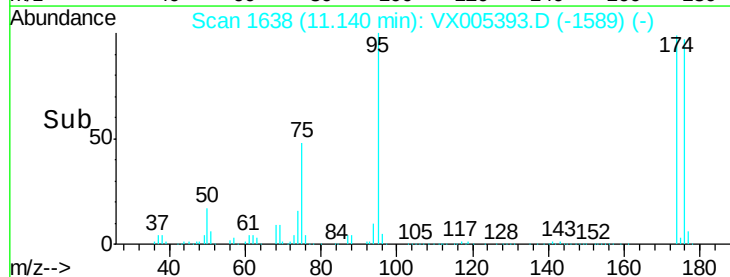
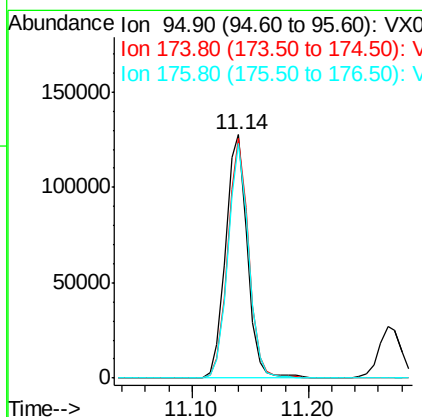
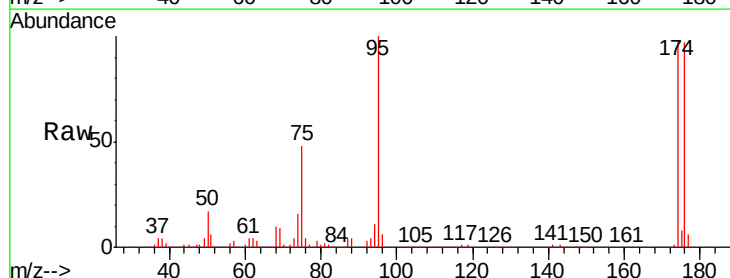
Manual Integrations
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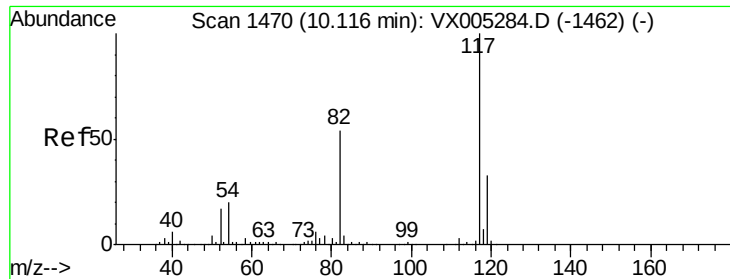
MMDadoda
 10/19/2018 12:23:27 PM



#62
 4-Bromofluorobenzene
 Concen: 50.78 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion: 95 Resp: 164413
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 185.2
 176 91.8 0.0 178.6





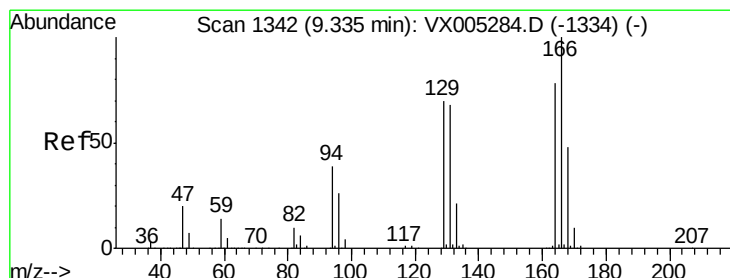
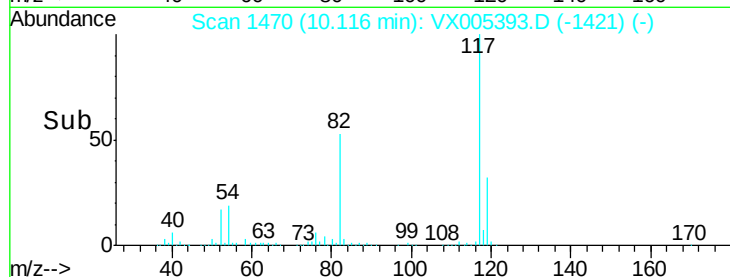
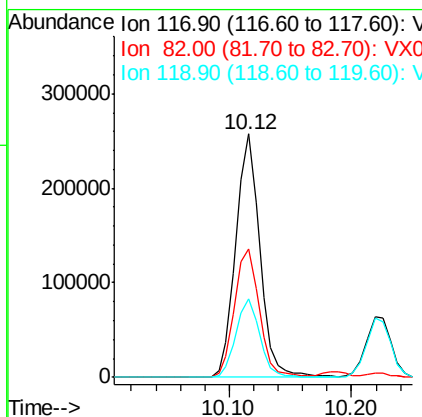
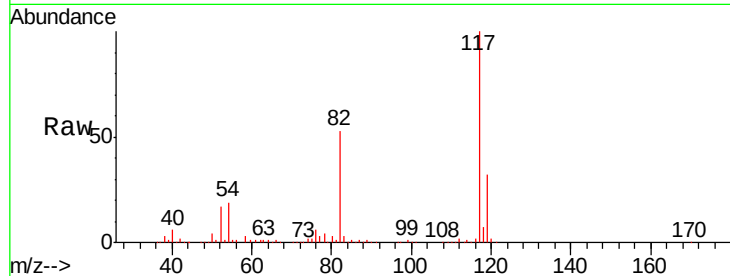
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	350647		
82	52.7	47.8	71.6	
119	32.1	29.3	43.9	

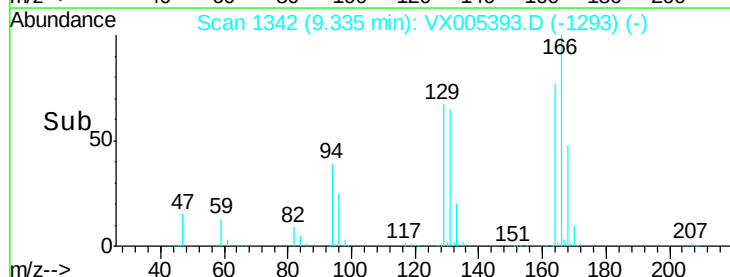
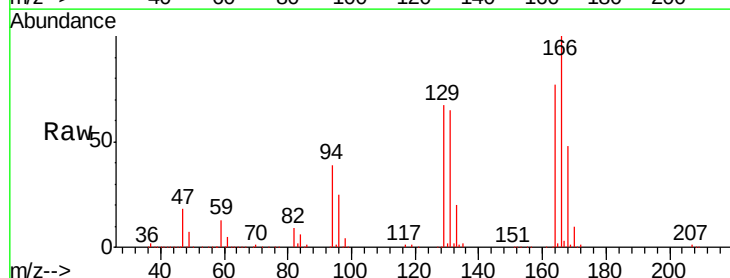
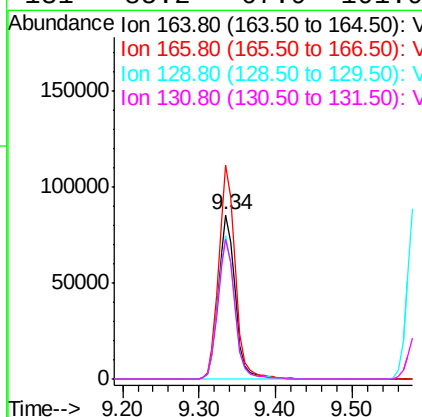
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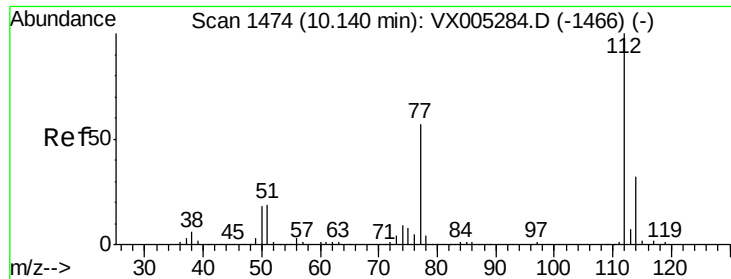
MMDadoda
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#64
Tetrachloroethene
Concen: 45.91 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129594		
166	130.2	102.8	154.2	
129	87.4	69.4	104.0	
131	85.2	67.9	101.9	





#65

Chlorobenzene

Concen: 48.70 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

MW-1MS

Tgt Ion:112 Resp: 363273

Ion Ratio Lower Upper

112 100

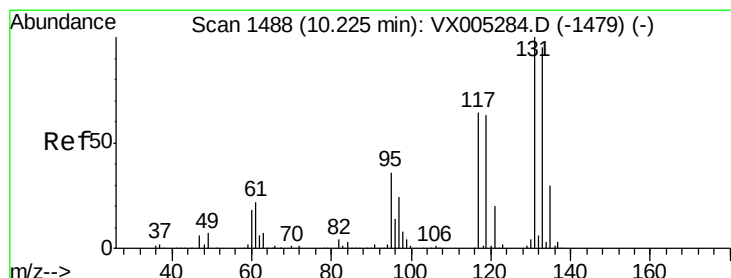
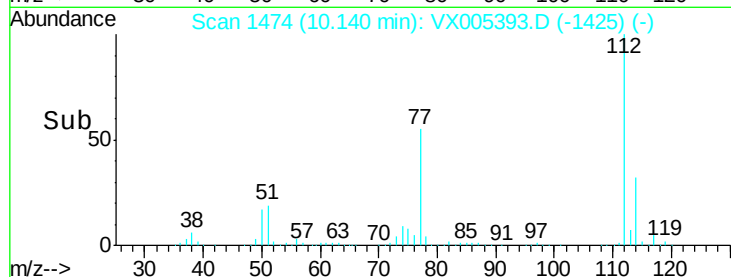
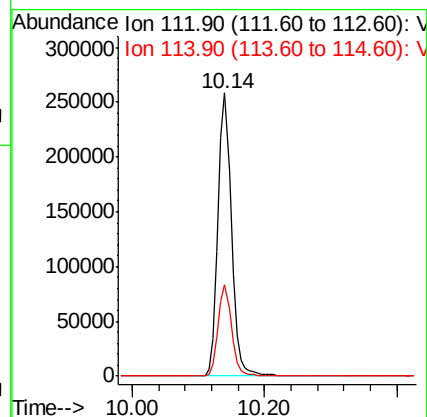
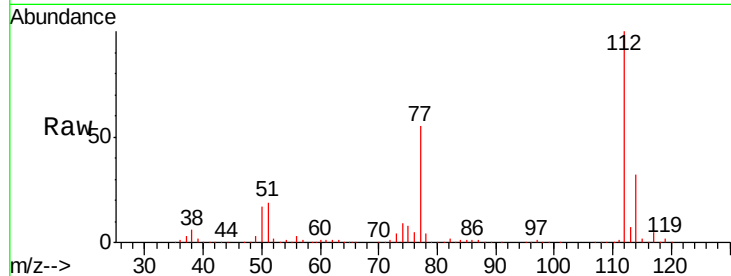
114 32.2 27.8 41.8

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10/19/2018 12:23:27 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.24 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

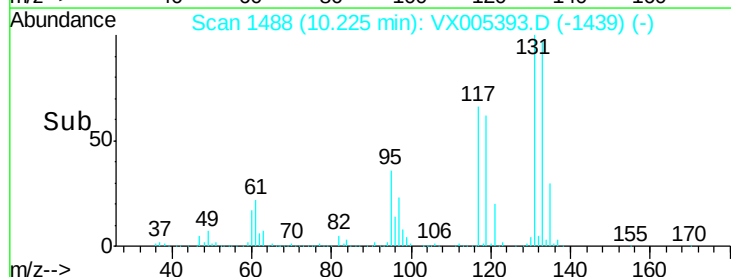
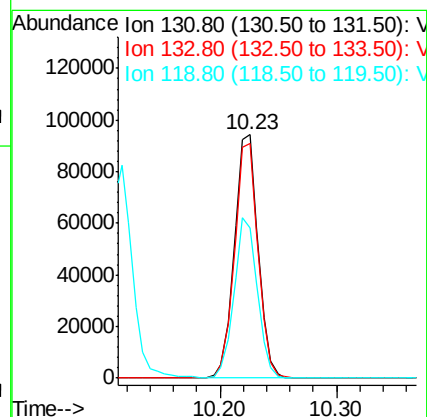
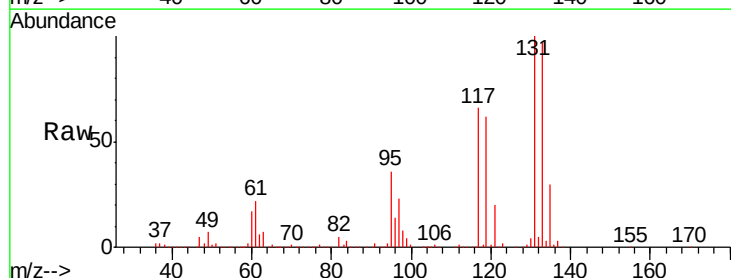
Tgt Ion:131 Resp: 133544

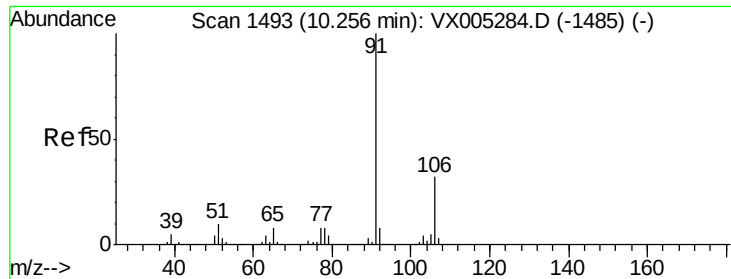
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 64.5 32.9 98.6





#67

Ethyl Benzene

Concen: 51.31 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 91 Resp: 622113

Ion Ratio Lower Upper

91 100

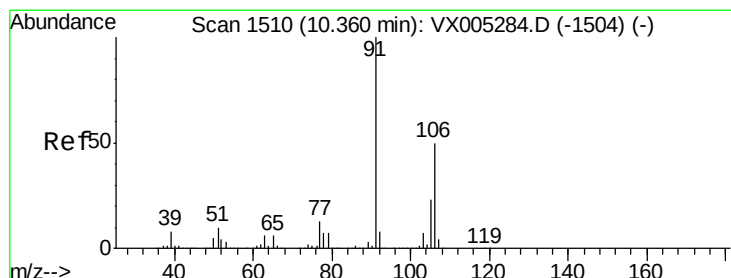
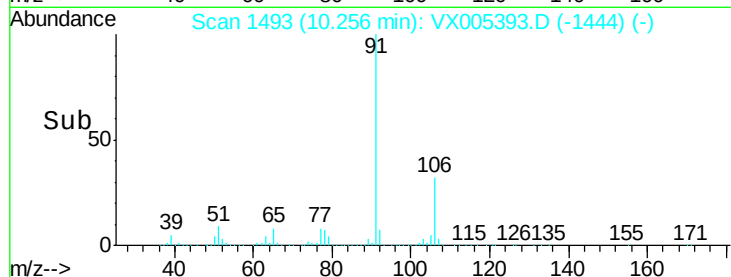
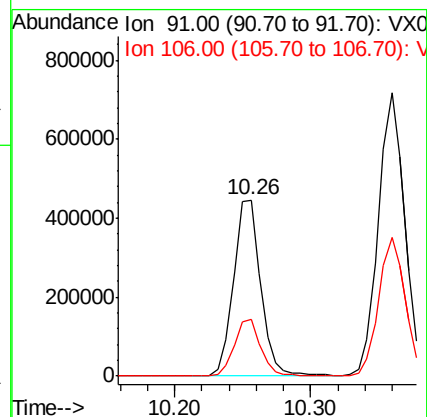
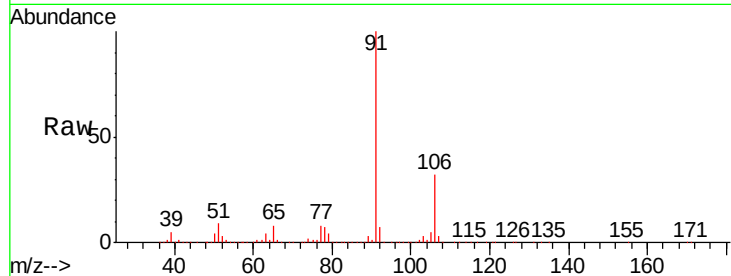
106 32.0 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 102.65 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005393.D

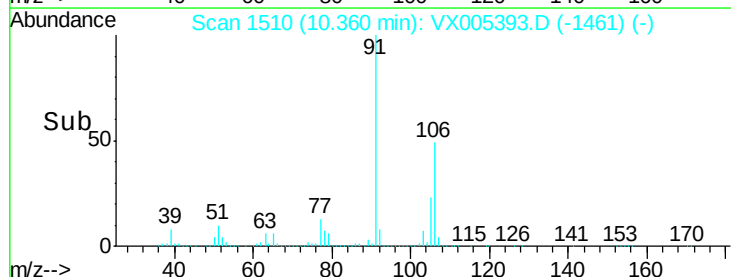
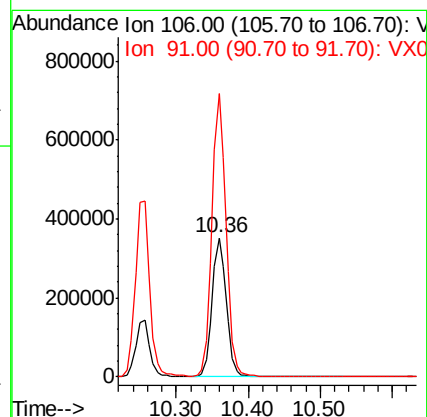
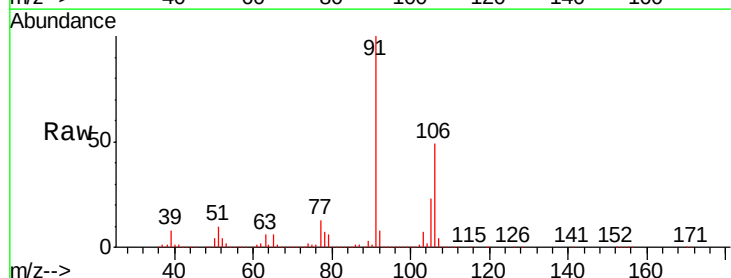
Acq: 17 Oct 2018 16:15

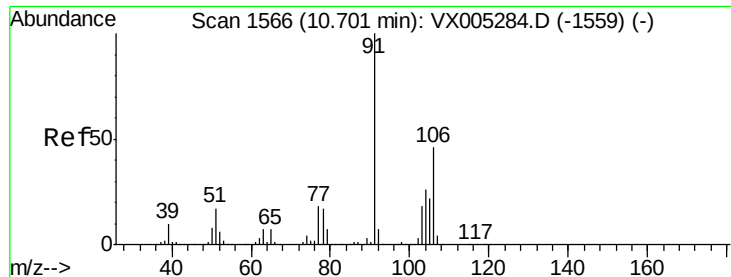
Tgt Ion: 106 Resp: 483094

Ion Ratio Lower Upper

106 100

91 201.9 157.1 235.7





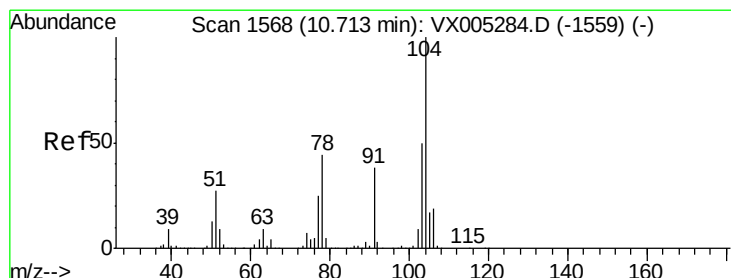
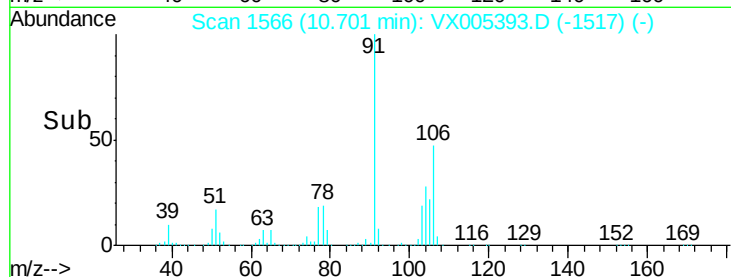
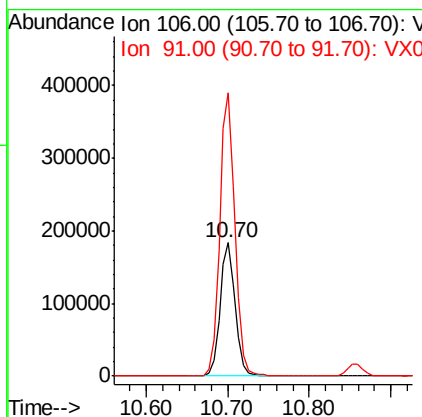
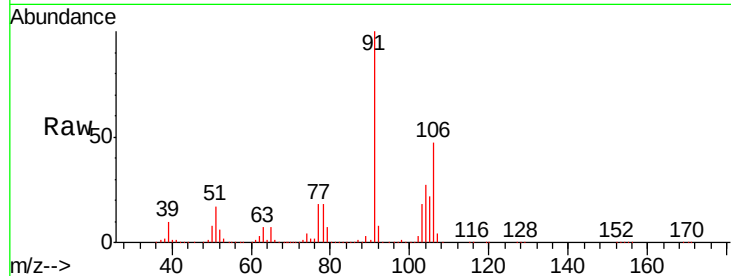
#69
o-Xylene
Concen: 52.12 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion:106 Resp: 236577
Ion Ratio Lower Upper
106 100
91 214.2 105.1 315.1

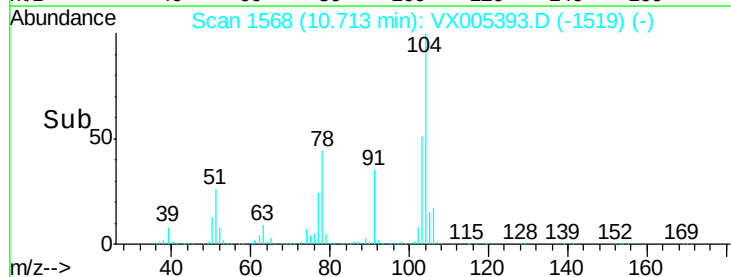
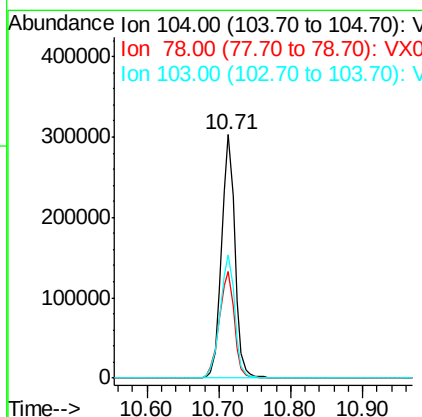
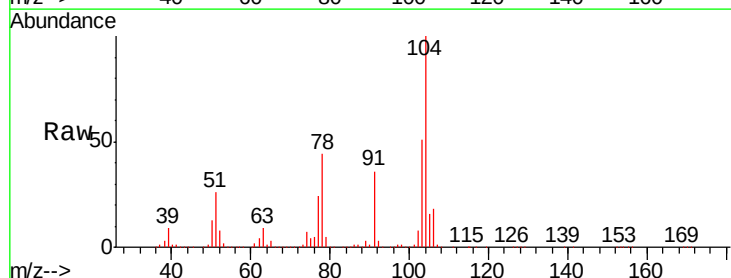
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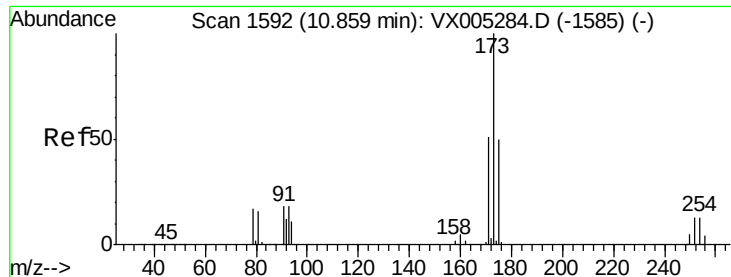
MMDadoda
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#70
Styrene
Concen: 52.17 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion:104 Resp: 389475
Ion Ratio Lower Upper
104 100
78 49.3 37.4 56.0
103 55.8 43.8 65.6





#71

Bromoform

Concen: 51.82 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

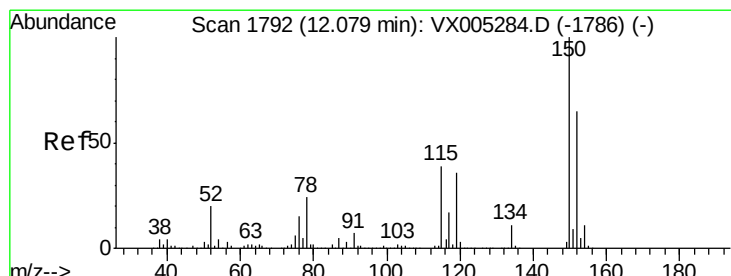
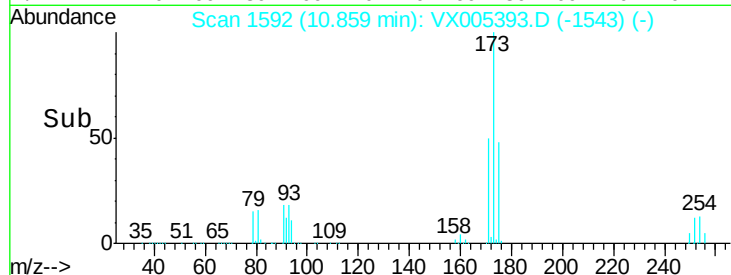
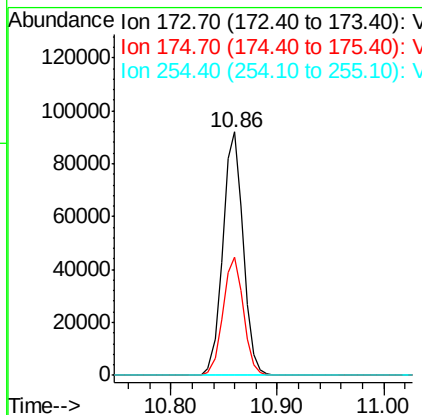
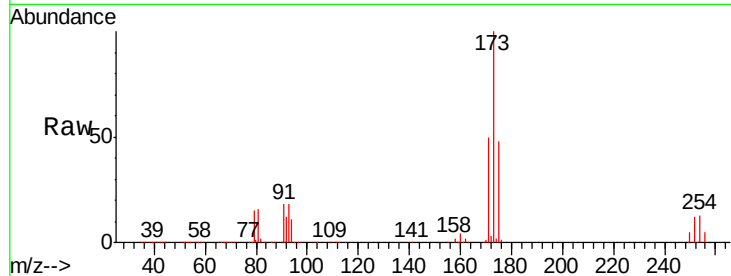
ClientSampleId :

MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	123084		
175	48.7	24.1	72.3	
254	0.1	0.2	0.2	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

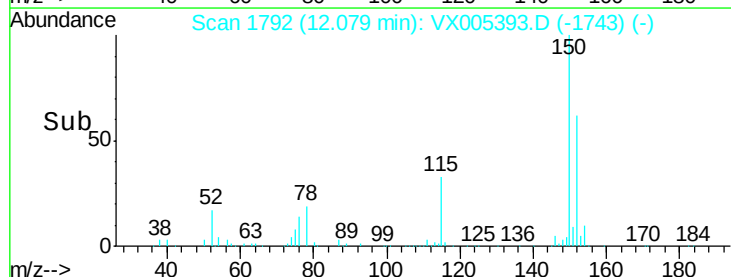
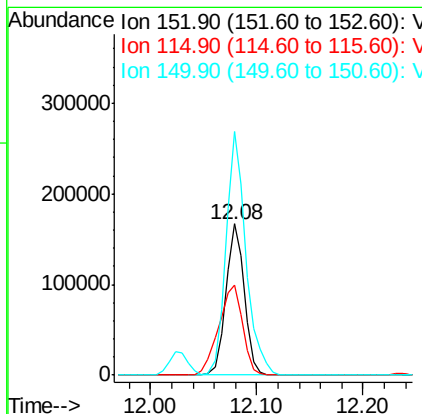
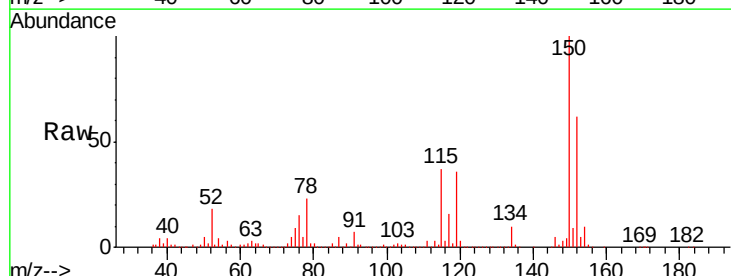
RT: 12.08 min Scan# 1792

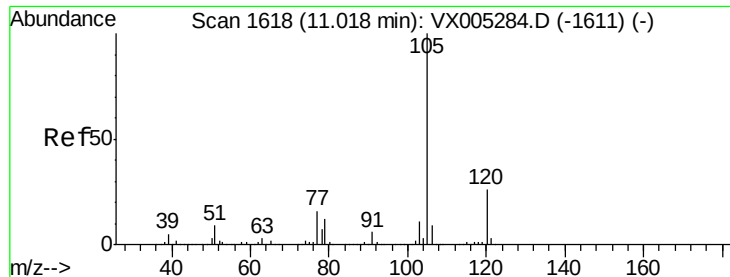
Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201368		
115	76.3	39.0	117.0	
150	174.6	0.0	351.0	





#73

Isopropylbenzene

Concen: 58.35 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 105 Resp: 698528

Ion Ratio Lower Upper

105 100

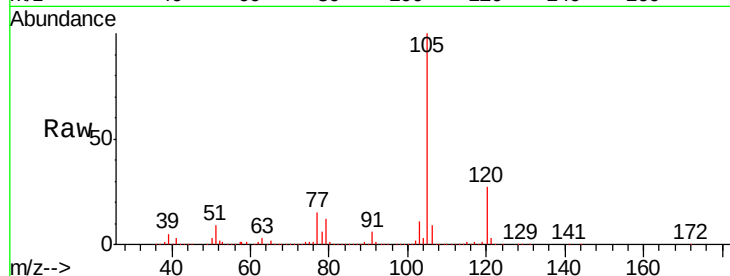
120 26.7 13.5 40.4

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10/19/2018 12:23:27 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

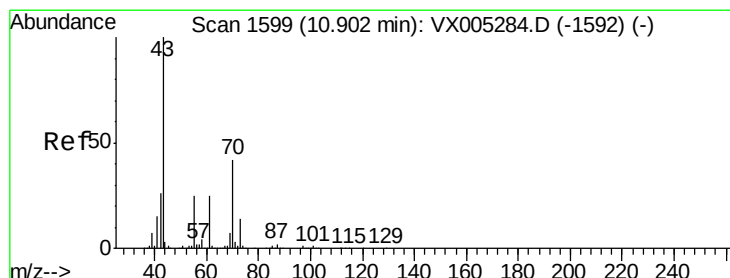
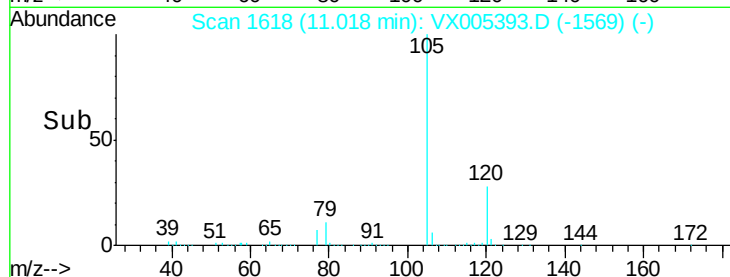
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 55.44 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion: 43 Resp: 320095

Ion Ratio Lower Upper

43 100

70 41.5 37.4 56.0

55 25.4 21.8 32.8

61 24.0 20.6 30.8

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

400000

300000

200000

100000

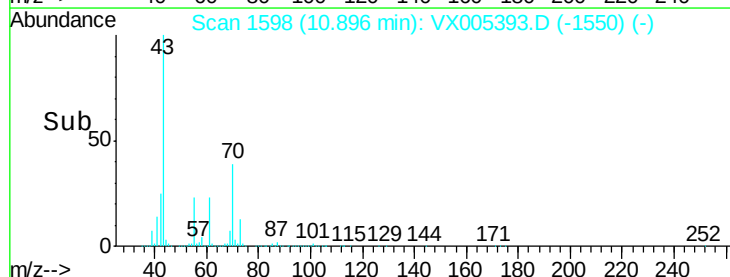
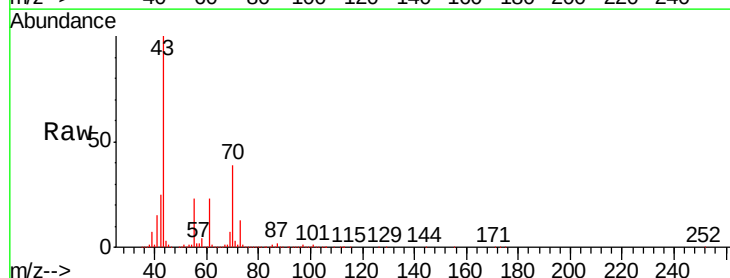
0

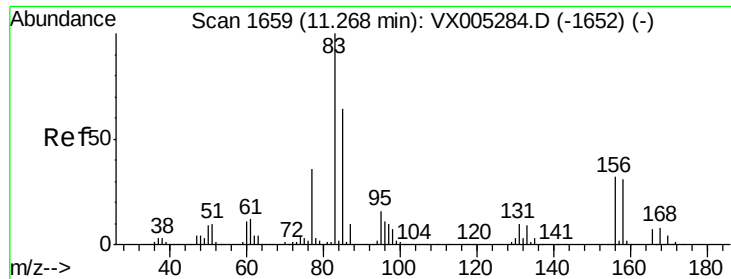
10.90

10.80

10.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.62 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 83 Resp: 228592
Ion Ratio Lower Upper

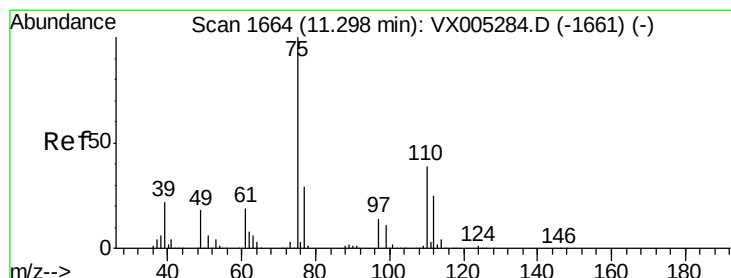
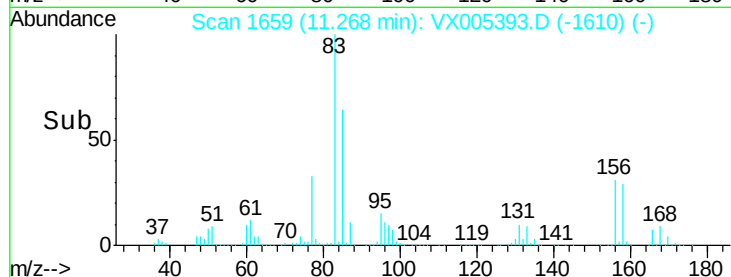
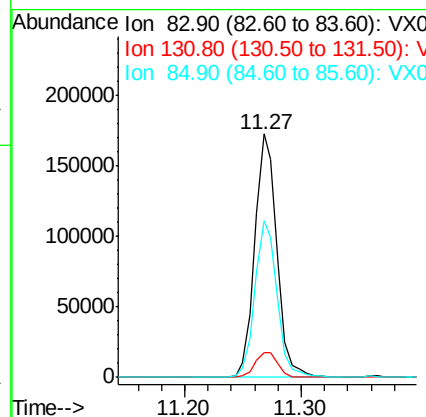
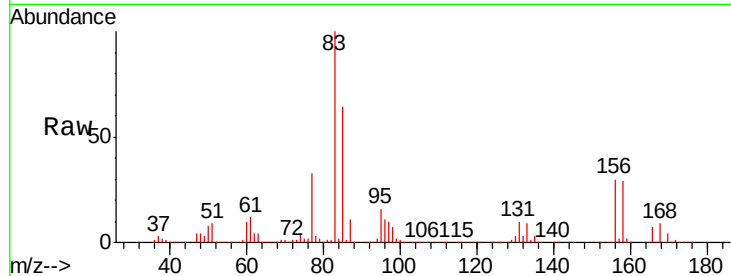
83 100

131 10.7 5.2 15.6

85 64.6 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 63.05 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

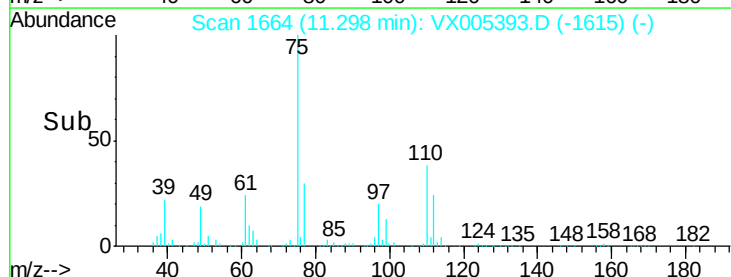
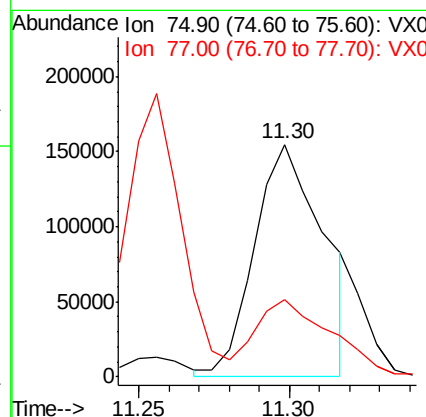
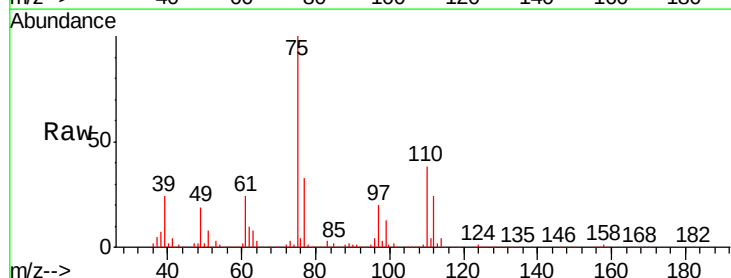
Lab File: VX005393.D

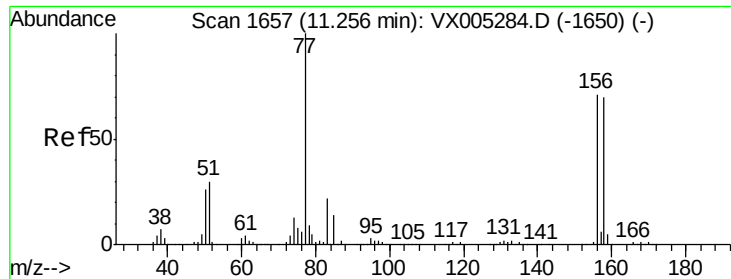
Acq: 17 Oct 2018 16:15

Tgt Ion: 75 Resp: 246272
Ion Ratio Lower Upper

75 100

77 36.7 20.2 60.6





#77

Bromobenzene

Concen: 50.64 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

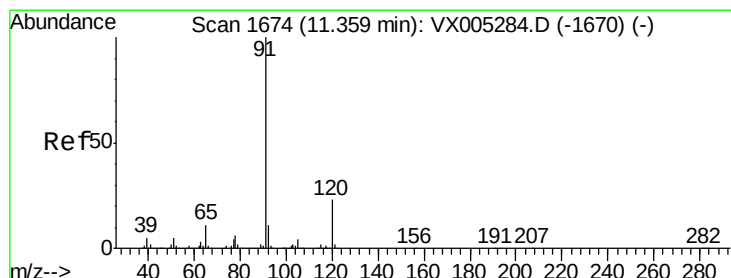
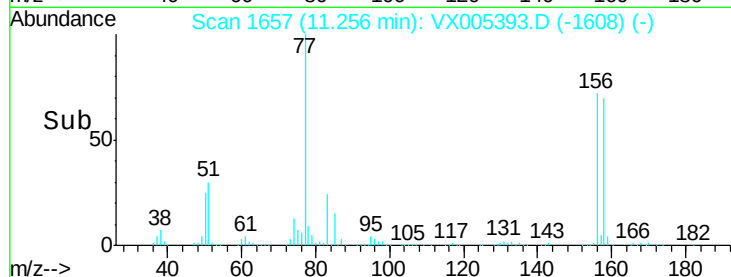
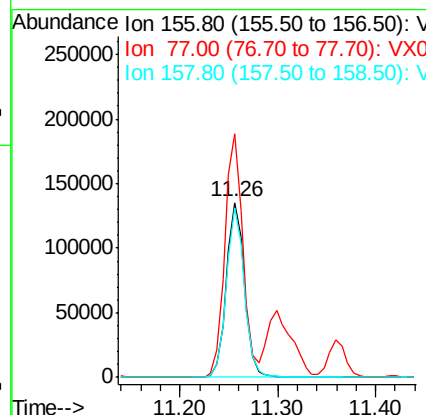
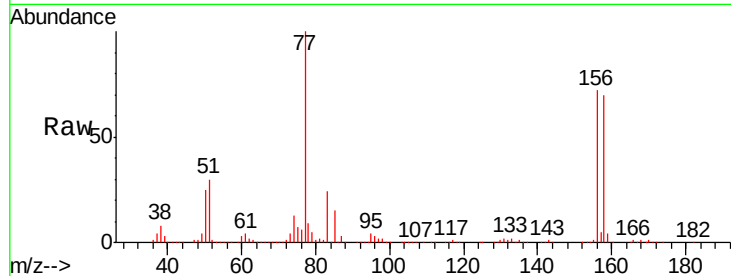
ClientSampleId :

MW-1MS

Tgt Ion:	156	Resp:	173342
Ion Ratio	Lower	Upper	
156	100		
77	139.4	71.5	214.3
158	96.6	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 63.52 ug/l

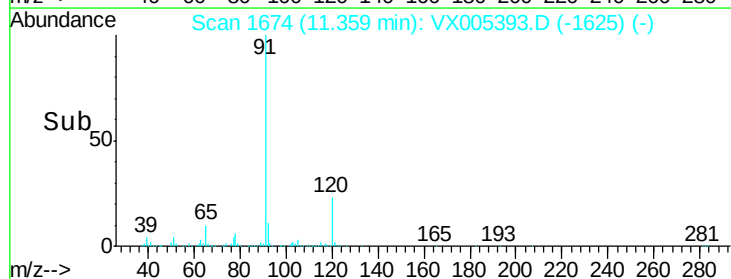
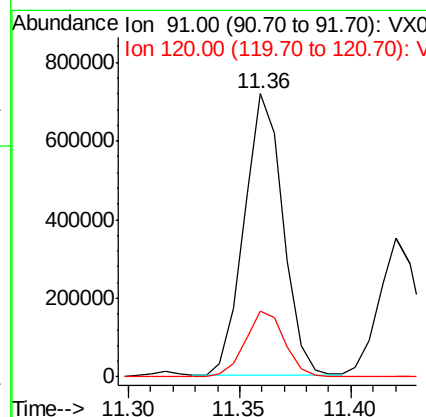
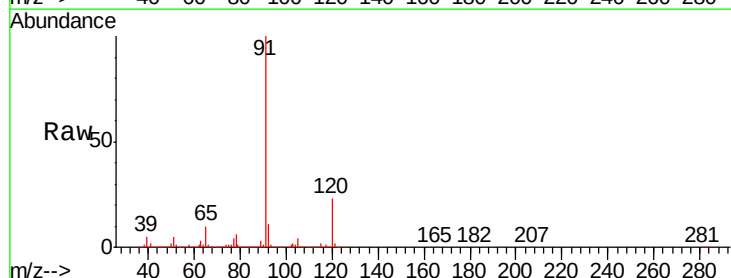
RT: 11.36 min Scan# 1674

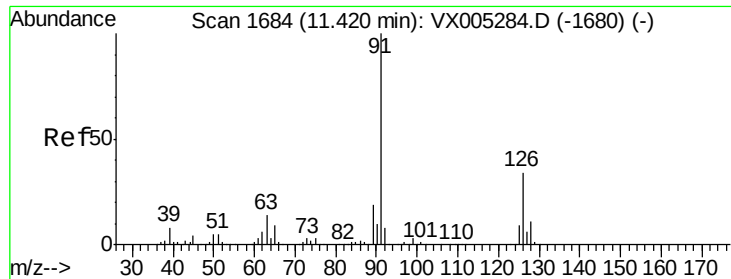
Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion:	91	Resp:	875035
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.82 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion: 91 Resp: 428779

Ion Ratio Lower Upper

91 100

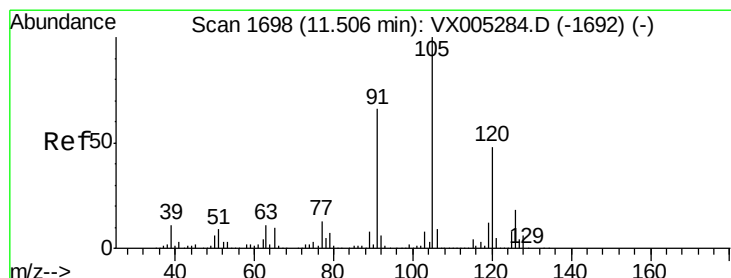
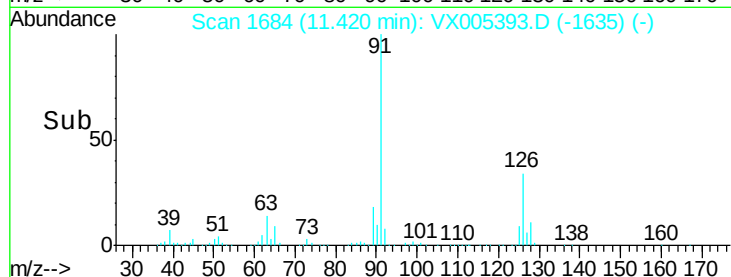
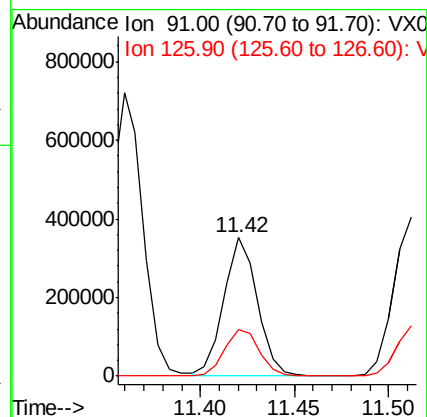
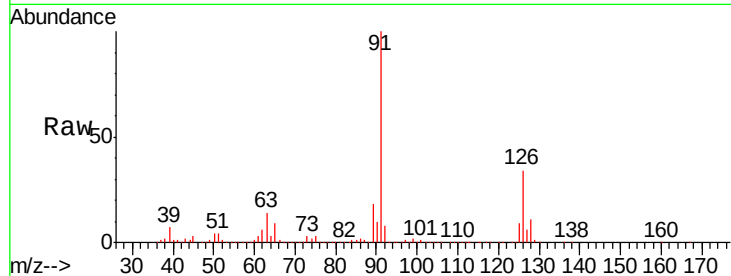
126 35.8 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.89 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005393.D

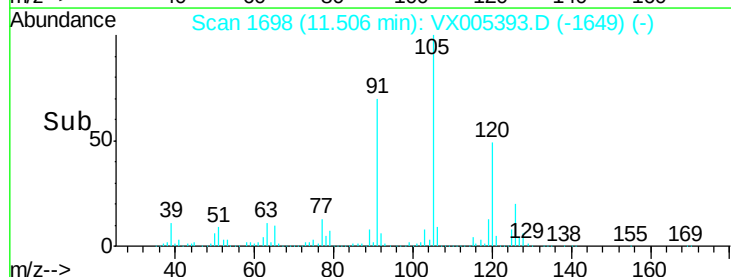
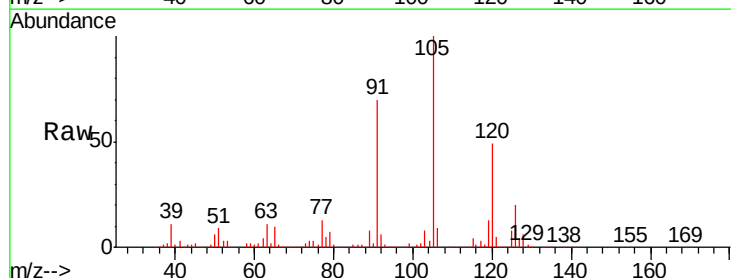
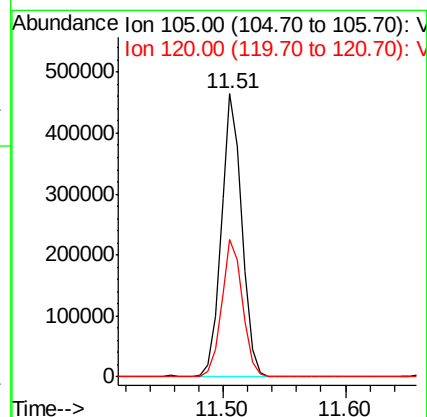
Acq: 17 Oct 2018 16:15

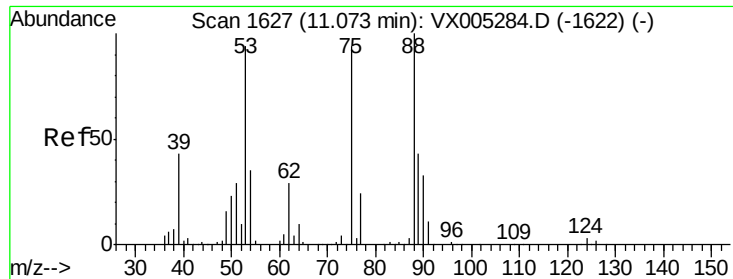
Tgt Ion: 105 Resp: 542228

Ion Ratio Lower Upper

105 100

120 49.4 25.6 76.8





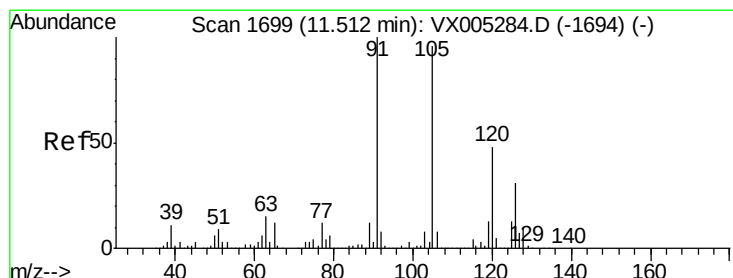
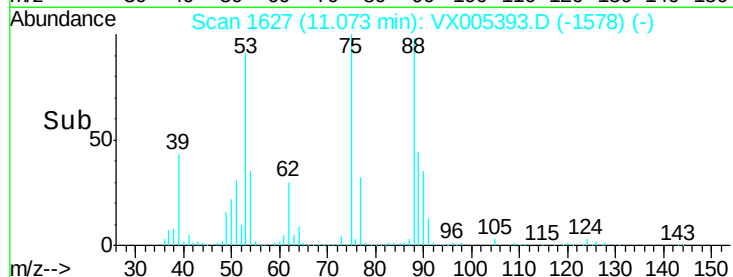
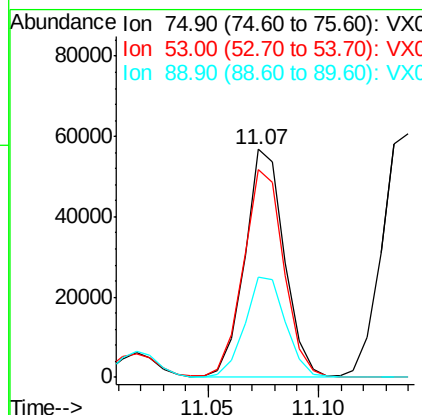
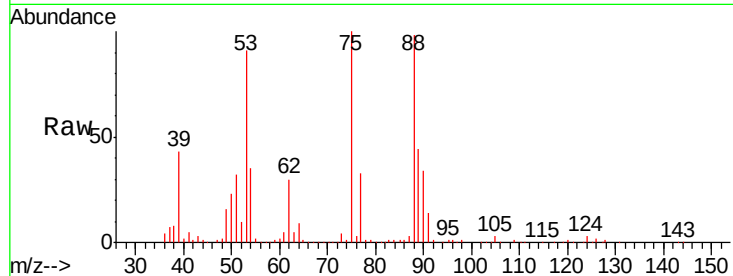
#81
trans-1,4-Dichloro-2-butene
Concen: 54.17 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion: 75 Resp: 69637
Ion Ratio Lower Upper
75 100
53 93.8 80.1 120.1
89 45.8 37.2 55.8

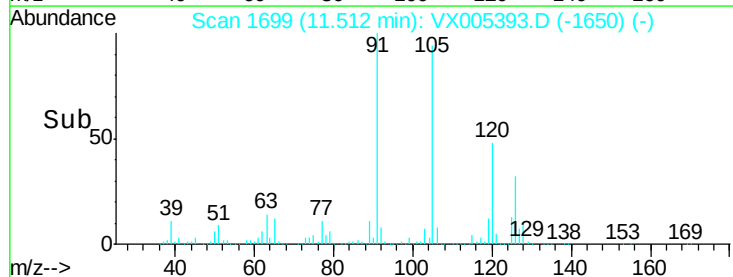
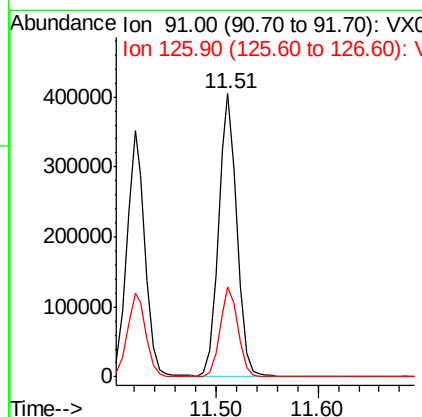
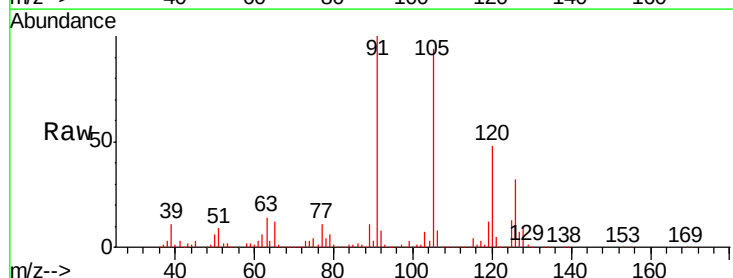
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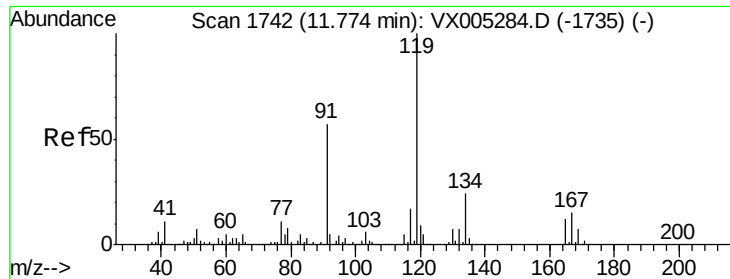
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.88 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion: 91 Resp: 508789
Ion Ratio Lower Upper
91 100
126 31.3 15.5 46.5





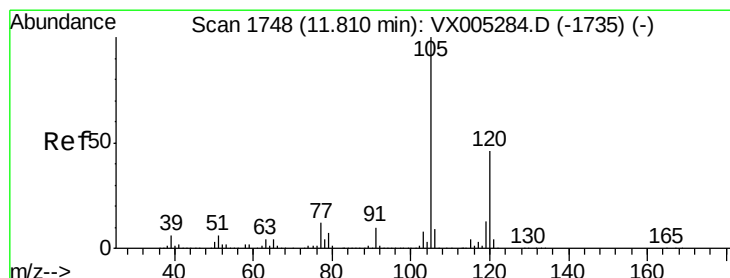
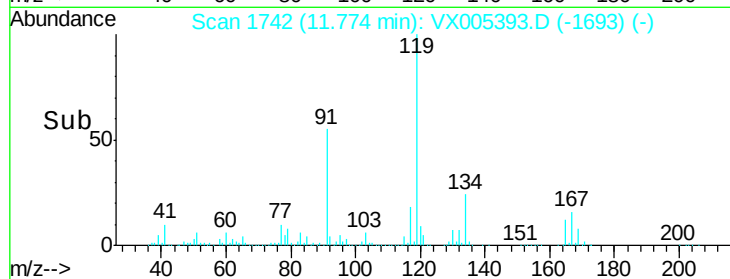
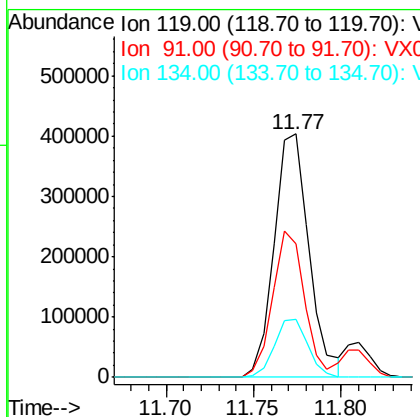
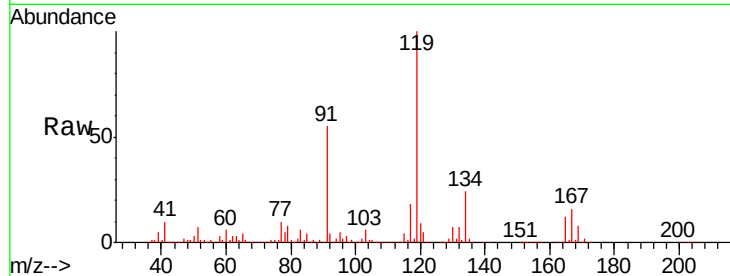
#83
 tert-Butylbenzene
 Concen: 54.16 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.0	81.0
134	22.9	11.7	35.1

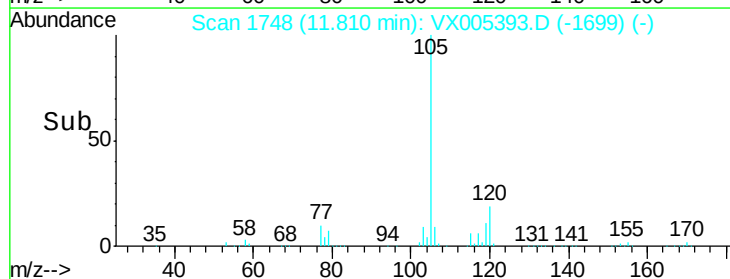
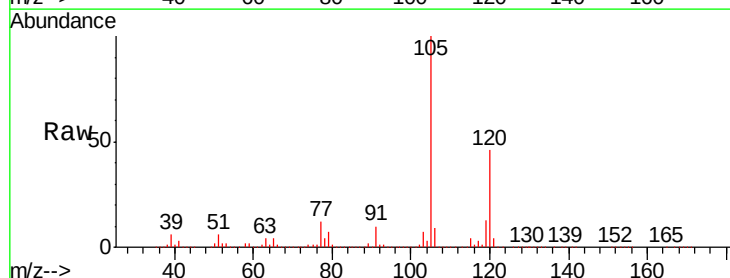
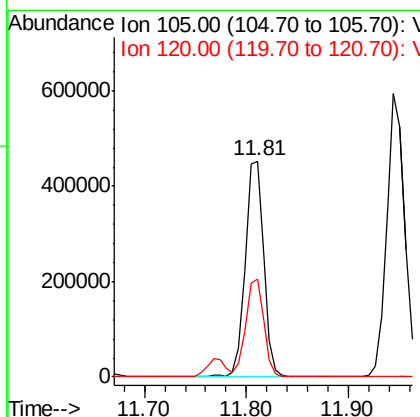
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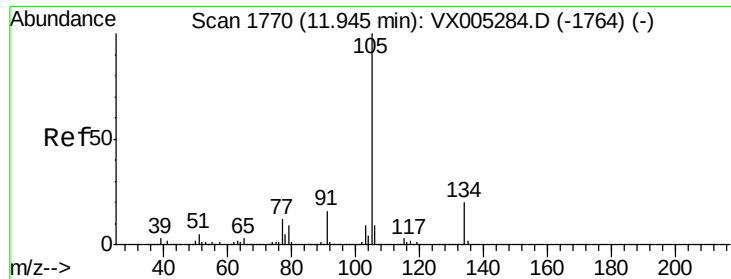
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.71 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 59.95 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1MS

Tgt Ion:105 Resp: 736448

Ion Ratio Lower Upper

105 100

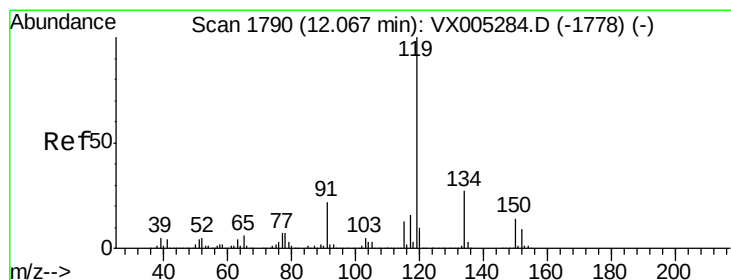
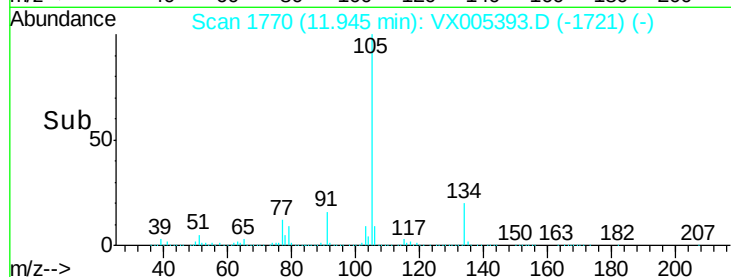
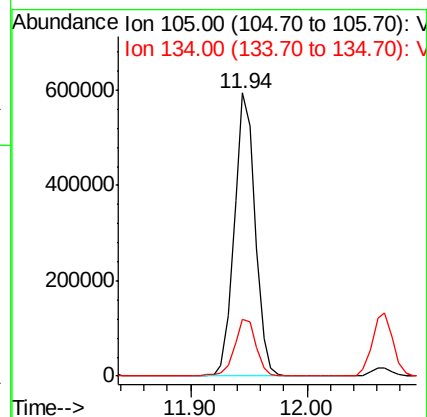
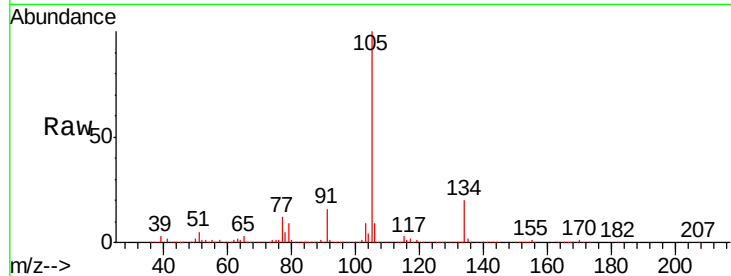
134 21.3 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.67 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

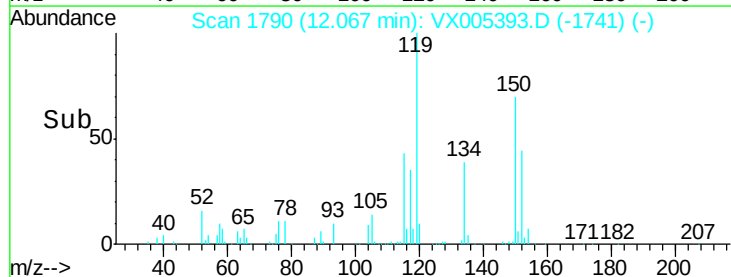
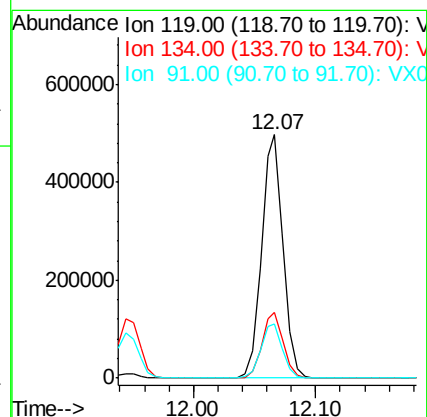
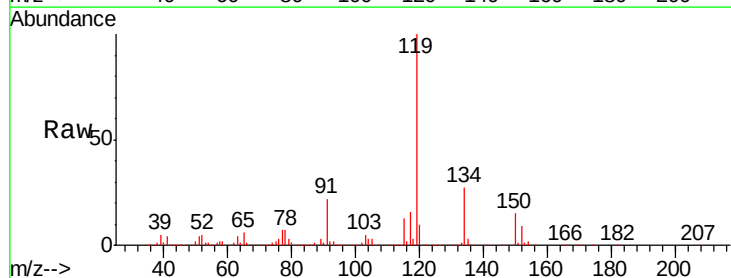
Tgt Ion:119 Resp: 607059

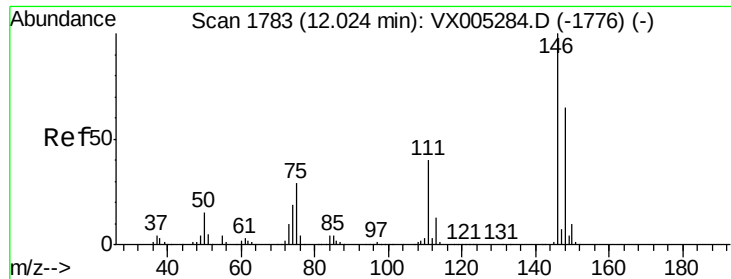
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.4 10.9 32.7





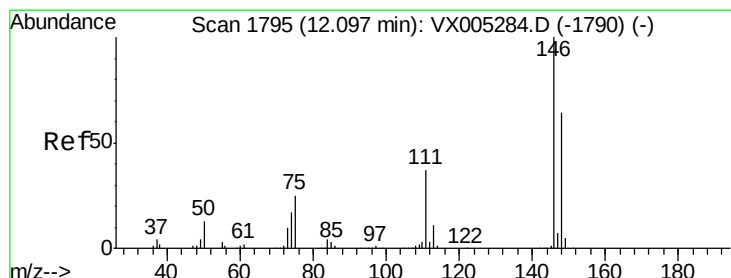
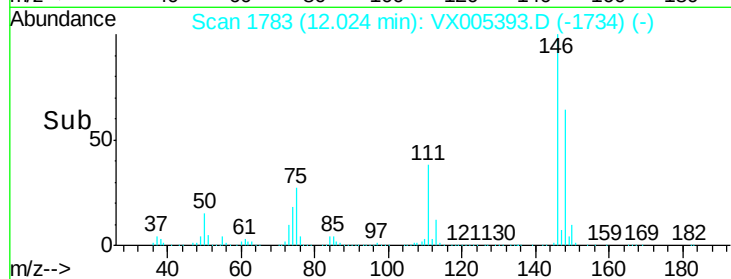
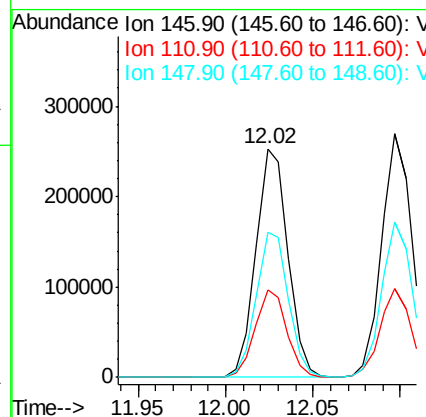
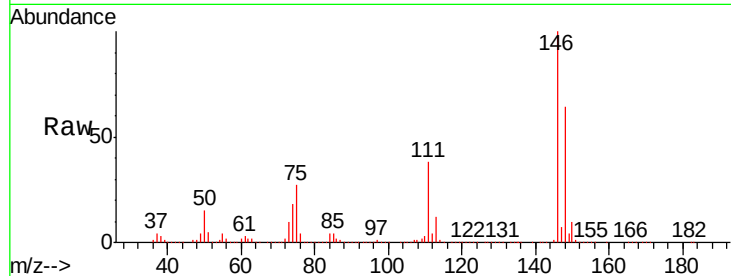
#87
 1,3-Dichlorobenzene
 Concen: 50.41 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	63.9	32.1	96.5

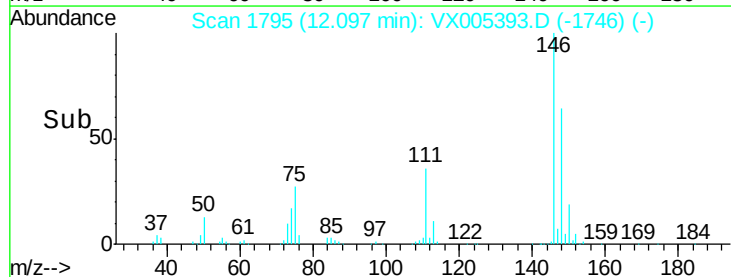
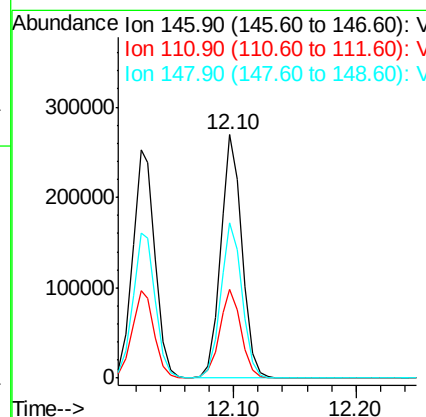
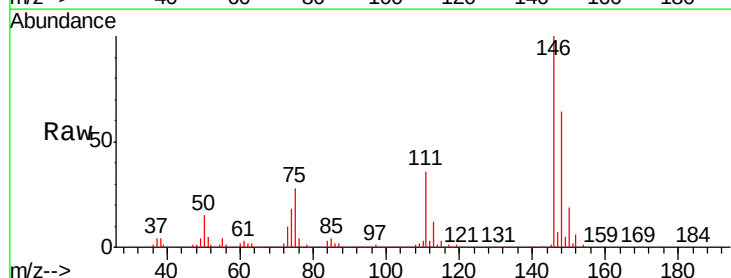
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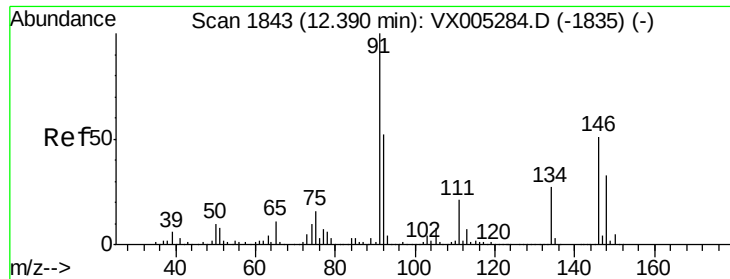
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#88
 1,4-Dichlorobenzene
 Concen: 49.83 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.3	32.0	96.0





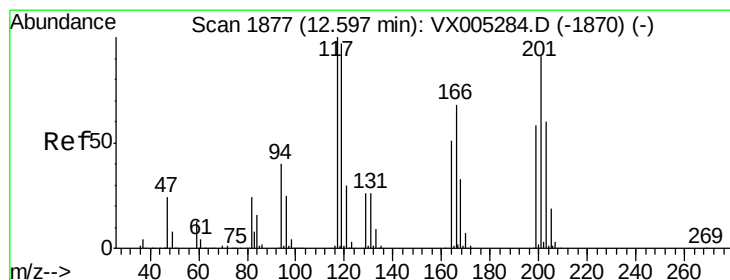
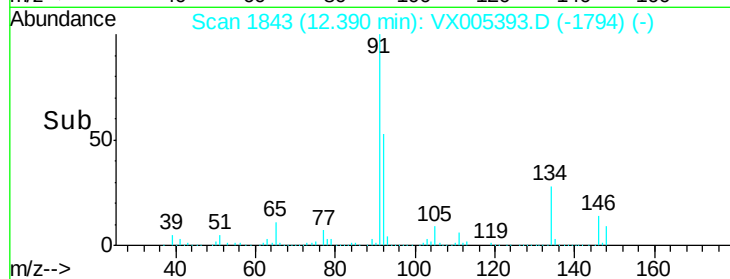
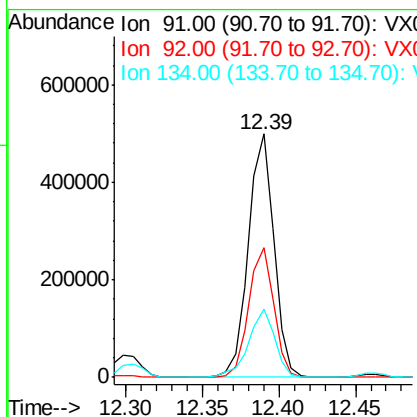
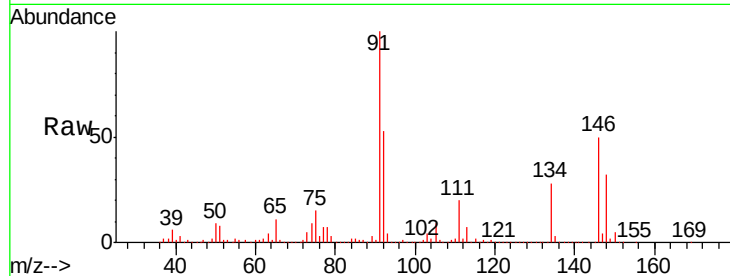
#89
n-Butylbenzene
Concen: 57.61 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	580753		
92	52.3		27.3	81.9
134	29.0		13.6	40.7

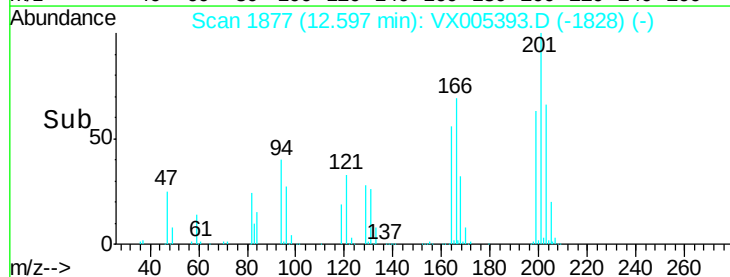
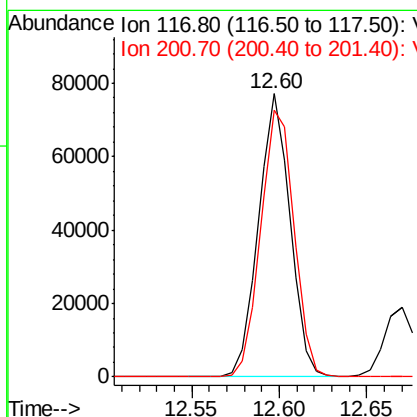
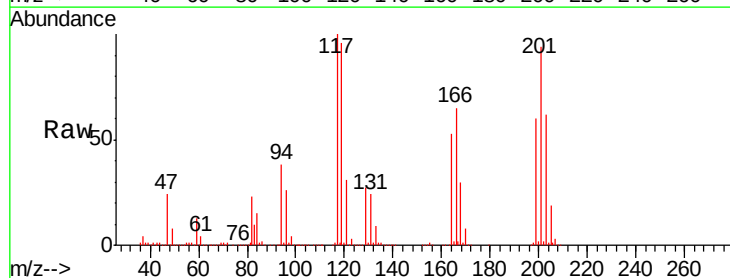
Manual Integrations
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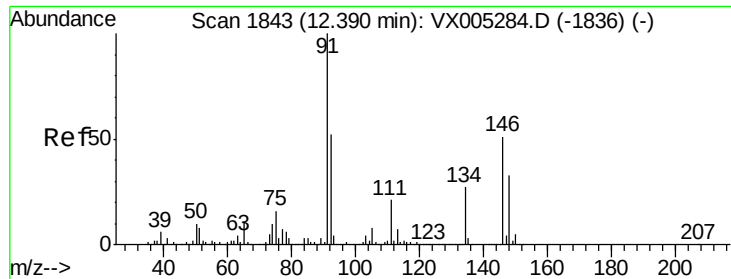
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#90
Hexachloroethane
Concen: 50.41 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005393.D
Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96472		
201	99.9		46.9	140.6





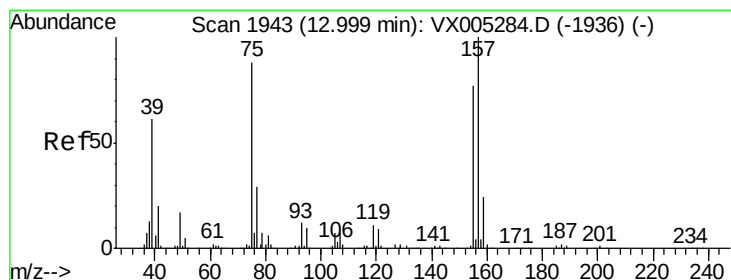
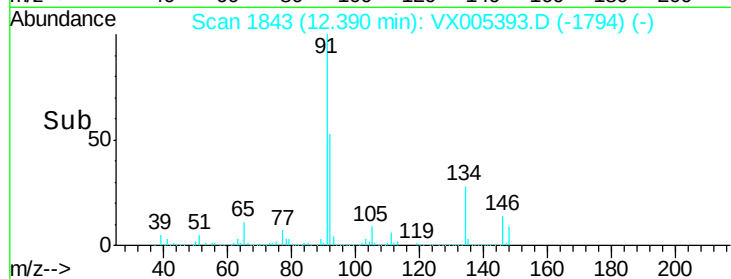
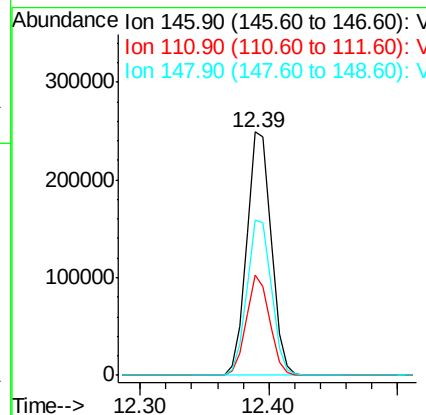
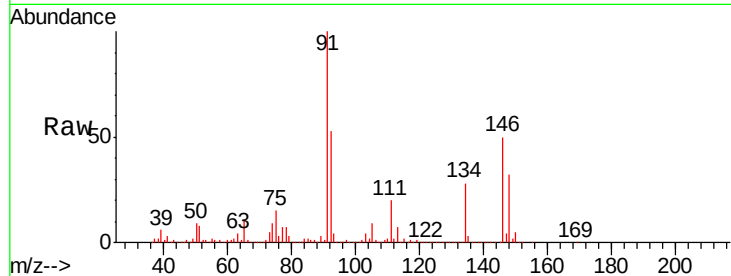
#91
 1,2-Dichlorobenzene
 Concen: 49.80 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	325057		
111	39.3	19.4	58.1	
148	64.2	32.8	98.3	

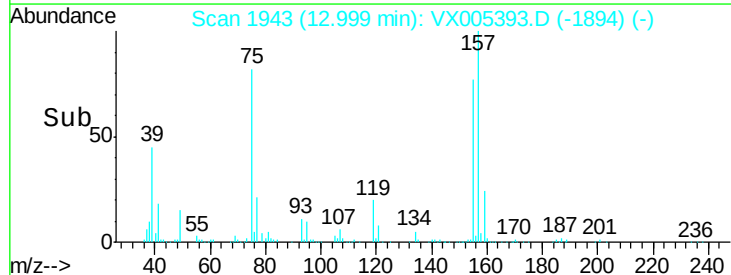
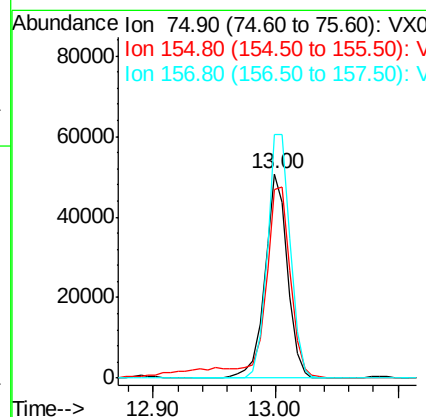
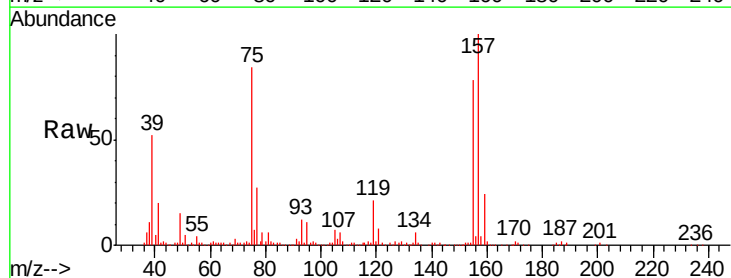
Manual Integrations
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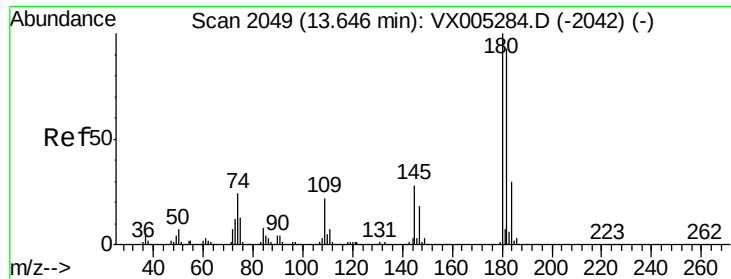
MMDadoda
 10/19/2018 12:23:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.13 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65130		
155	100.1	48.0	144.2	
157	121.2	61.4	184.1	





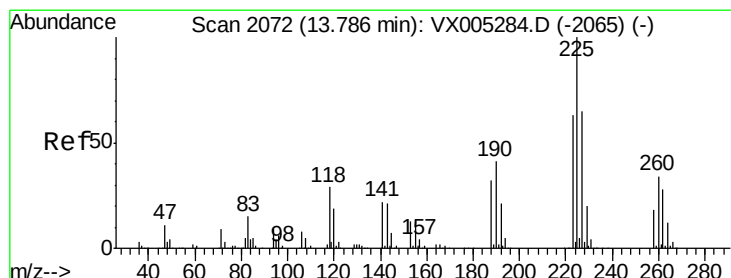
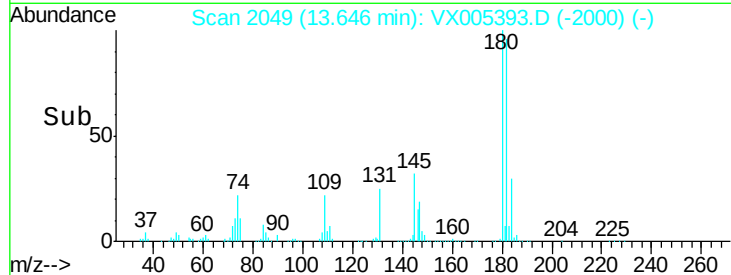
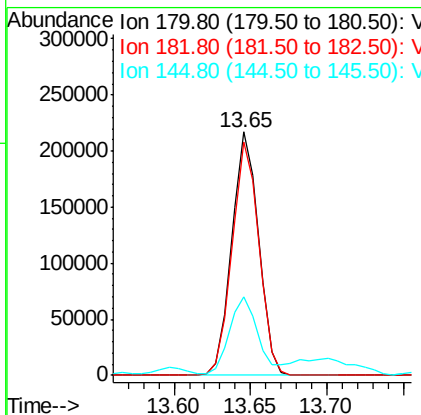
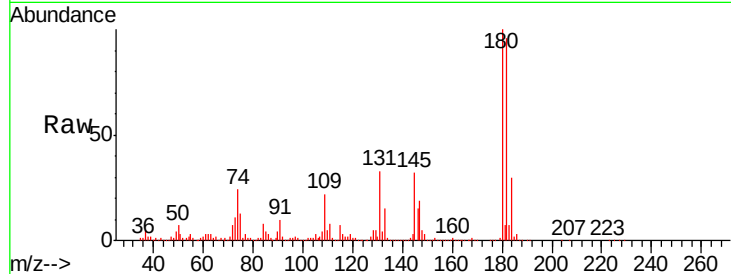
#93
 1,2,4-Trichlorobenzene
 Concen: 54.88 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262772		
182	95.8	48.4	145.0	
145	33.8	14.3	42.9	

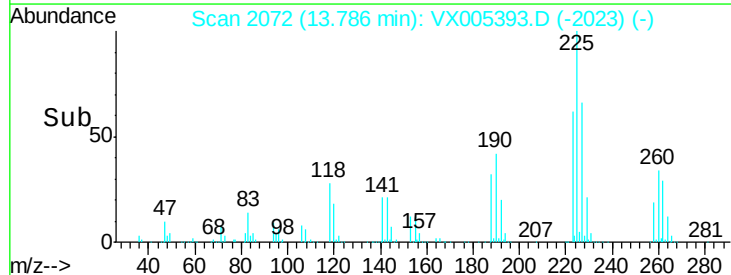
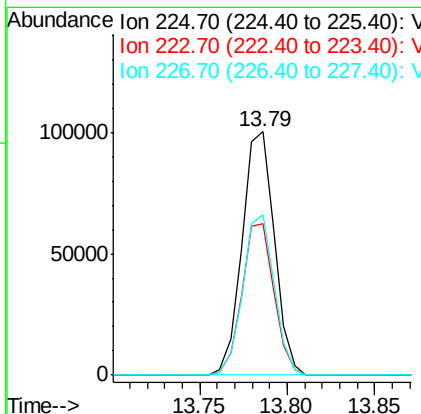
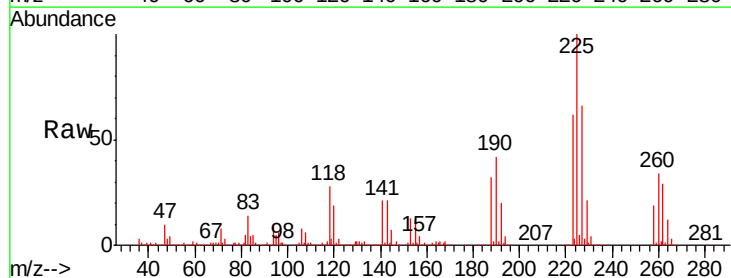
Manual Integrations
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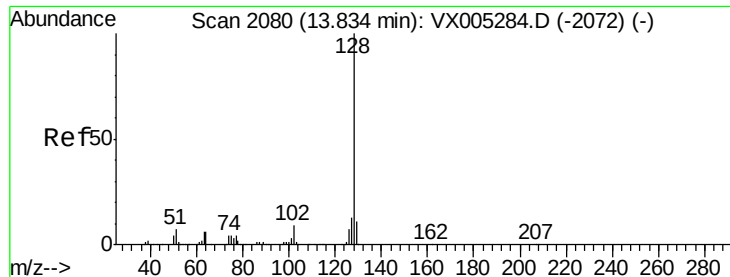
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 50.80 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005393.D
 Acq: 17 Oct 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128476		
223	61.9	30.1	90.5	
227	64.3	30.8	92.4	





#95

Naphthalene

Concen: 71.74 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Instrument :

MSVOA_X

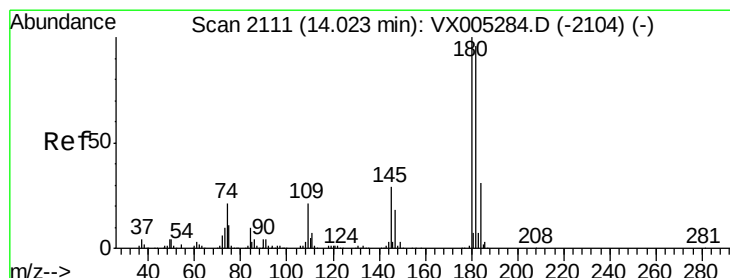
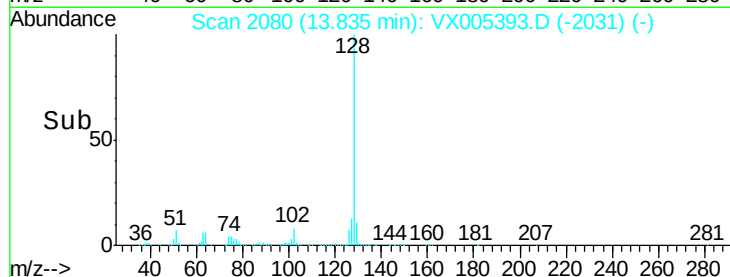
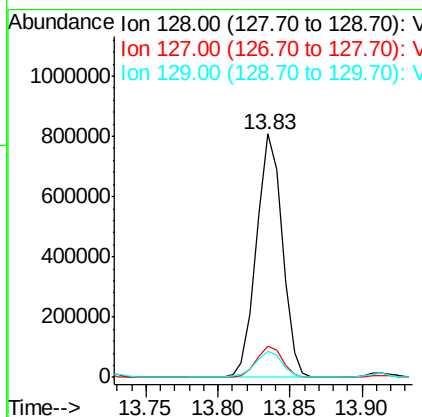
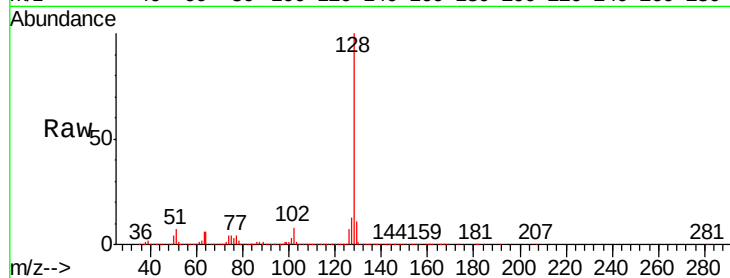
ClientSampleId :

MW-1MS

Tgt Ion:	128	Resp:	996232
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/19/2018 12:23:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.04 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005393.D

Acq: 17 Oct 2018 16:15

Tgt Ion:	180	Resp:	264751
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.5	145.6
145	31.5	14.9	44.9

