

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005620.D
 Acq On : 26 Oct 2018 22:02
 Operator : JC/MD
 Sample : J5690-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:30 PM

Quant Time: Oct 27 05:53:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134642	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.49	113	109340	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	392115	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	148171	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134112	62.396	ug/l	99
3) Chloromethane	1.32	50	148614	54.294	ug/l	98
4) Vinyl Chloride	1.41	62	153073	56.874	ug/l	95
5) Bromomethane	1.64	94	84787	50.627	ug/l	100
6) Chloroethane	1.71	64	85572	49.769	ug/l	100
7) Trichlorofluoromethane	1.92	101	198012	52.947	ug/l	96
8) Diethyl Ether	2.19	74	78753	52.767	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108296	50.470	ug/l	99
10) Methyl Iodide	2.51	142	152045	66.875	ug/l	98
11) Tert butyl alcohol	3.07	59	174853	244.448	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105034	51.384	ug/l	85
13) Acrolein	2.29	56	84086	230.449	ug/l	97
14) Allyl chloride	2.73	41	238130	52.199	ug/l	96
15) Acrylonitrile	3.15	53	404079	251.924	ug/l	99
16) Acetone	2.45	43	364941	259.819	ug/l	99
17) Carbon Disulfide	2.57	76	315942	50.704	ug/l	99
18) Methyl Acetate	2.78	43	176118	50.779	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	383408	52.583	ug/l #	90
20) Methylene Chloride	2.86	84	123910	52.673	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	108973	48.827	ug/l	98
22) Diisopropyl ether	3.86	45	426248	53.504	ug/l #	88
23) Vinyl Acetate	3.83	43	1740874	248.122	ug/l	97
24) 1,1-Dichloroethane	3.70	63	221973	51.249	ug/l	99
25) 2-Butanone	4.70	43	537708	251.392	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140247	41.941	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	121752	50.602	ug/l	98
28) Bromochloromethane	5.02	49	101171	48.295	ug/l	94
29) Tetrahydrofuran	5.15	42	350863	252.064	ug/l	96
30) Chloroform	5.22	83	207723	51.271	ug/l	93
31) Cyclohexane	5.57	56	185976	51.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	175021	48.945	ug/l	99
36) 1,1-Dichloropropene	5.79	75	155528	50.447	ug/l	97
37) Ethyl Acetate	4.86	43	186265	47.346	ug/l	100
38) Carbon Tetrachloride	5.79	117	158077	48.683	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171230	50.298	ug/l	96
40) Benzene	6.15	78	470731	53.264	ug/l	99
41) Methacrylonitrile	5.06	41	111771	51.003	ug/l	98
42) 1,2-Dichloroethane	6.20	62	167322	49.838	ug/l	99
43) Isopropyl Acetate	6.46	43	286528	48.603	ug/l	97
44) Trichloroethene	7.21	130	114654	47.621	ug/l	92
45) 1,2-Dichloropropane	7.52	63	119006	50.086	ug/l	98
46) Dibromomethane	7.66	93	75548	49.230	ug/l	98
47) Bromodichloromethane	7.90	83	147579	49.549	ug/l	97
48) Methyl methacrylate	7.77	41	150546	52.419	ug/l	99
49) 1,4-Dioxane	7.75	88	55648	886.641	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1002949	253.139	ug/l	99
52) Toluene	8.79	92	274671	51.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165630	51.454	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	171088	49.366	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	110991	49.014	ug/l	96
56) Ethyl methacrylate	9.18	69	182682	54.085	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189746	49.521	ug/l	99
59) 2-Hexanone	9.50	43	803671	257.268	ug/l	99
60) Dibromochloromethane	9.59	129	120637	51.060	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118586	50.619	ug/l	100
64) Tetrachloroethene	9.34	164	106998	43.461	ug/l	99
65) Chlorobenzene	10.14	112	308317	48.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	112878	49.019	ug/l	99
67) Ethyl Benzene	10.25	91	852513	82.048	ug/l	100
68) m/p-Xylenes	10.36	106	412869	102.419	ug/l	100
69) o-Xylene	10.70	106	205624	54.217	ug/l	99
70) Styrene	10.71	104	328190	51.692	ug/l	99
71) Bromoform	10.86	173	100568	48.943	ug/l	98
73) Isopropylbenzene	11.02	105	832944	80.554	ug/l	99
74) N-amyl acetate	10.90	43	250108	48.815	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190321	49.890	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	173623m	48.444	ug/l	
77) Bromobenzene	11.26	156	144627	50.188	ug/l	98
78) n-propylbenzene	11.36	91	830222	70.218	ug/l	99
79) 2-Chlorotoluene	11.42	91	370170	50.494	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464912	52.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52183	47.575	ug/l	98
82) 4-Chlorotoluene	11.51	91	439907	50.889	ug/l	99
83) tert-Butylbenzene	11.77	119	471265	53.448	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	617572	68.888	ug/l	100
85) sec-Butylbenzene	11.94	105	561695	53.387	ug/l	99
86) p-Isopropyltoluene	12.07	119	499654	53.125	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	266662	49.209	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	271184	47.942	ug/l	100
89) n-Butylbenzene	12.39	91	465281	54.798	ug/l	97
90) Hexachloroethane	12.60	117	87239	53.780	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	271670	49.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48507	52.589	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	207127	52.117	ug/l	99

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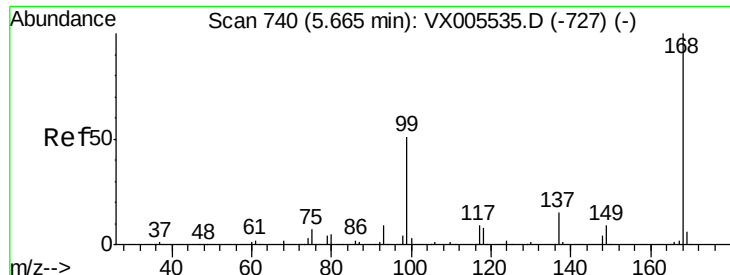
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	98079	47.621	ug/l	99
95) Naphthalene	13.83	128	772903	66.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	210092	52.149	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion:168 Resp: 217757

Ion Ratio Lower Upper

168 100

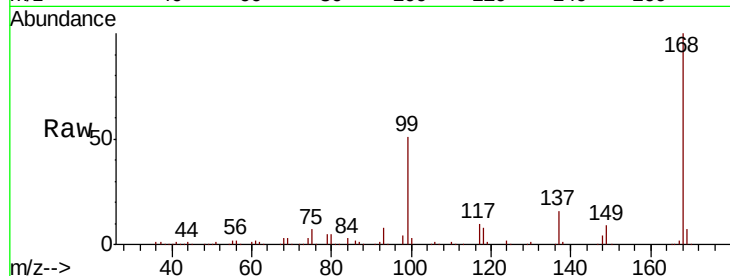
99 50.6 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

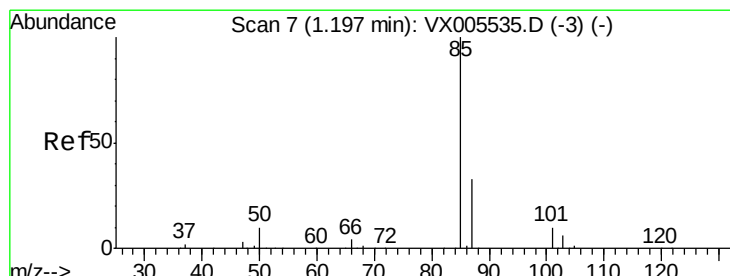
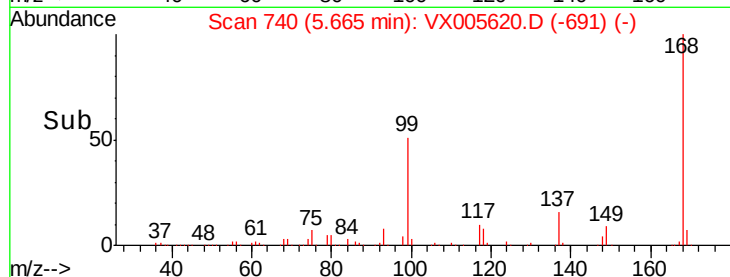
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 62.396 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005620.D

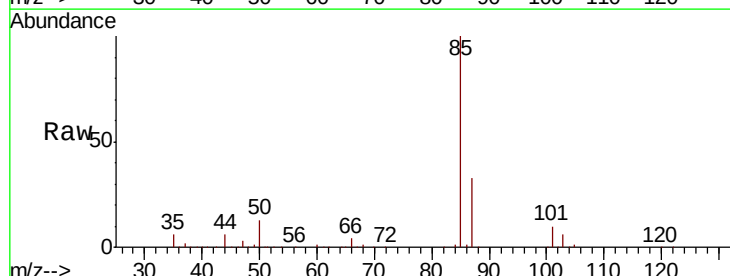
Acq: 26 Oct 2018 22:02

Tgt Ion: 85 Resp: 134112

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

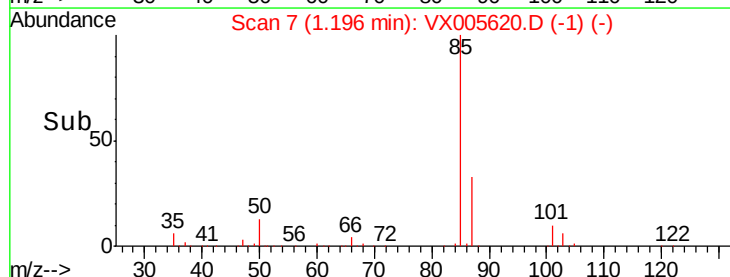
1.15

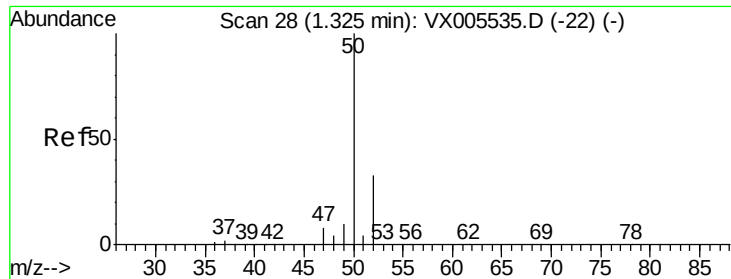
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 54.294 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 50 Resp: 148614

Ion Ratio Lower Upper

50 100

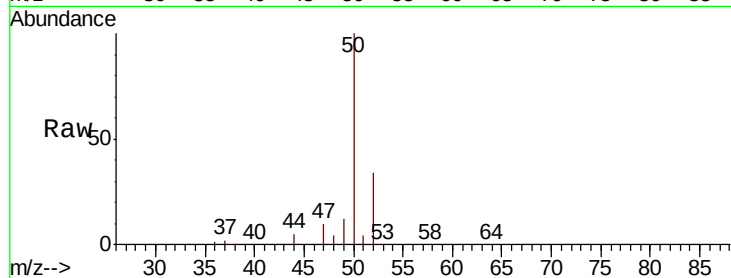
52 34.1 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

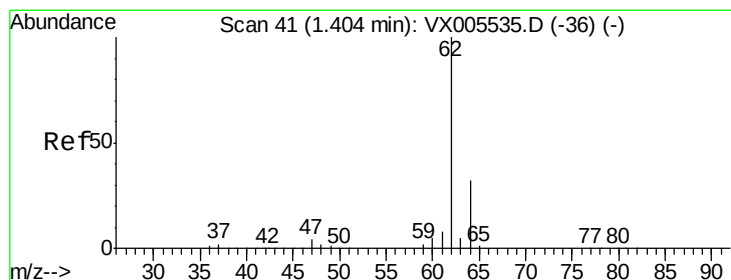
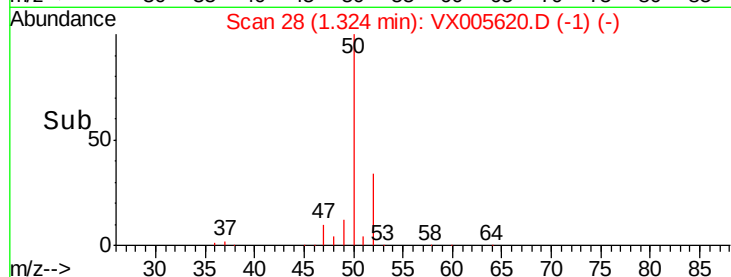
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 56.874 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005620.D

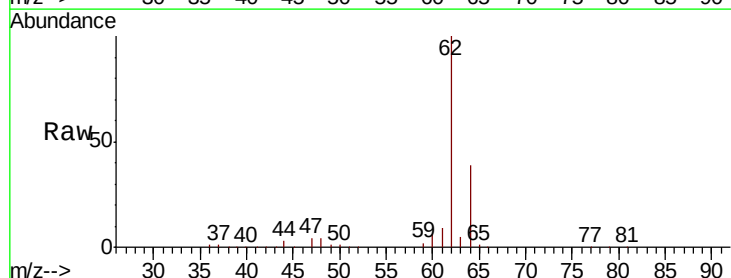
Acq: 26 Oct 2018 22:02

Tgt Ion: 62 Resp: 153073

Ion Ratio Lower Upper

62 100

64 34.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

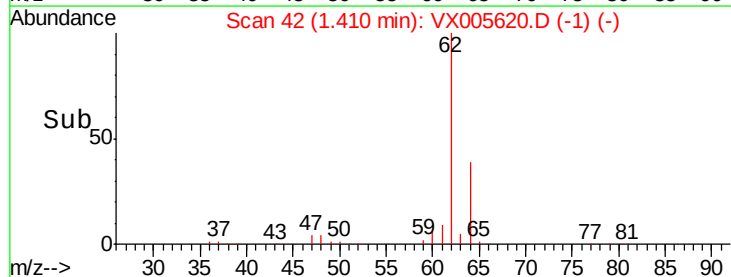
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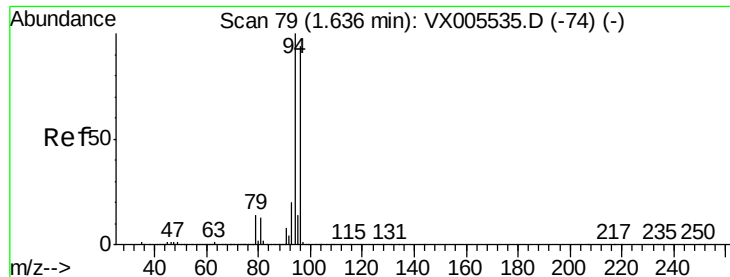
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 50.627 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 94 Resp: 84787

Ion Ratio Lower Upper

94 100

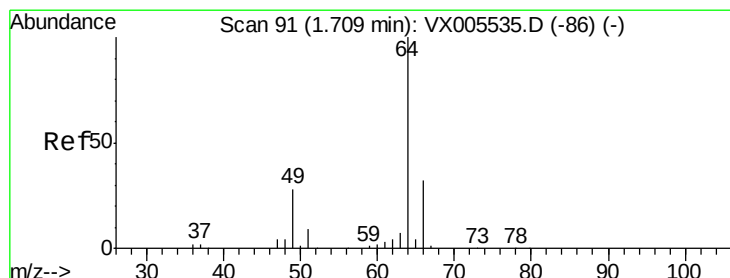
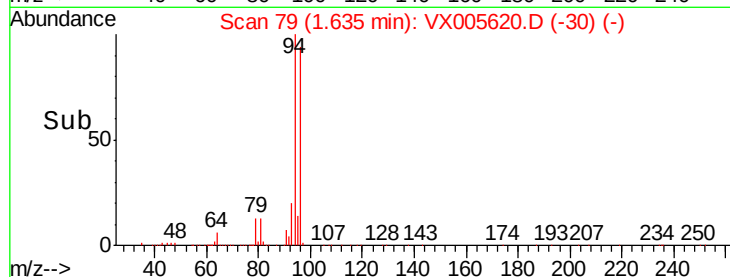
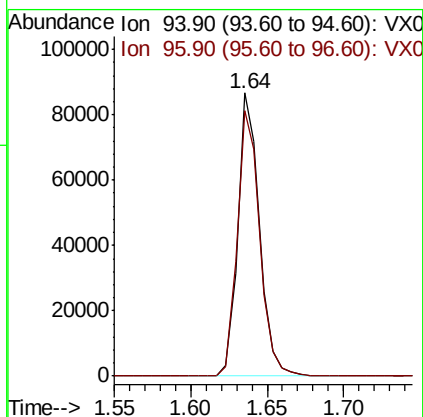
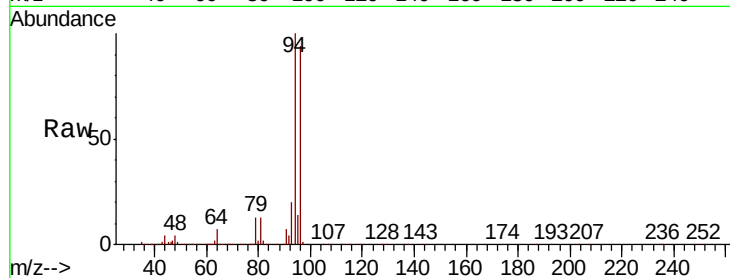
96 93.6 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 49.769 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005620.D

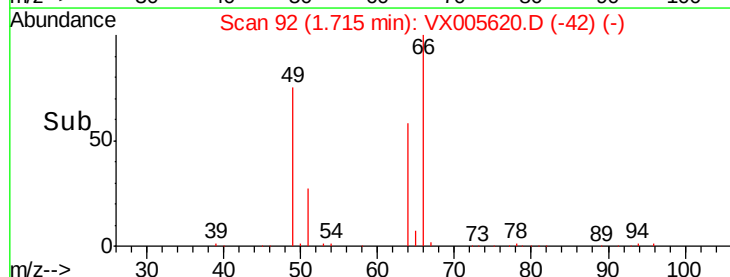
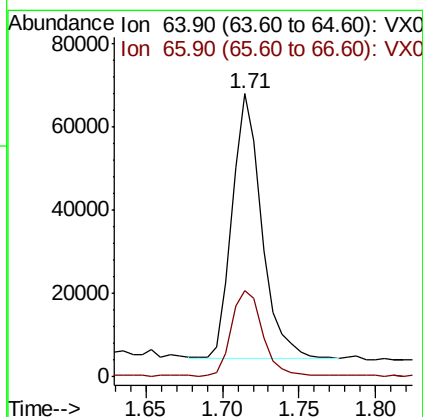
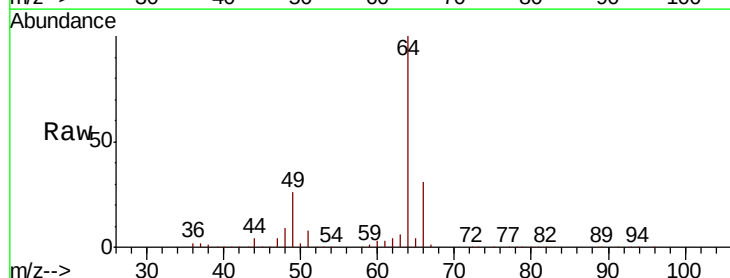
Acq: 26 Oct 2018 22:02

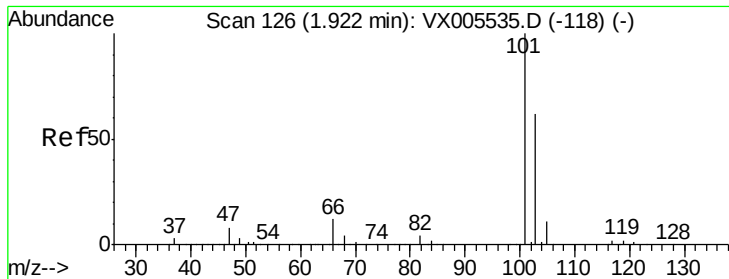
Tgt Ion: 64 Resp: 85572

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6





#7

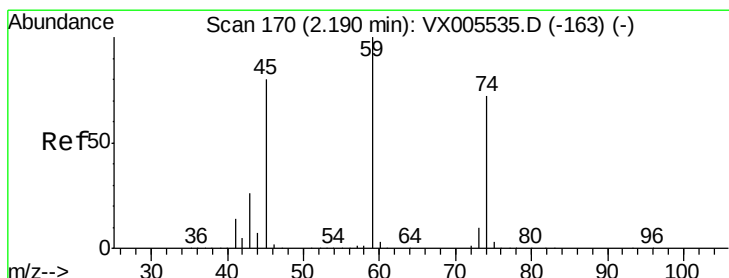
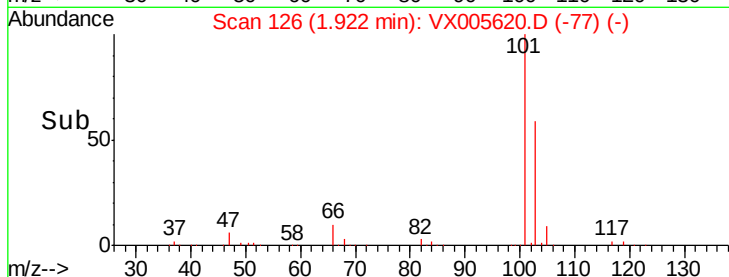
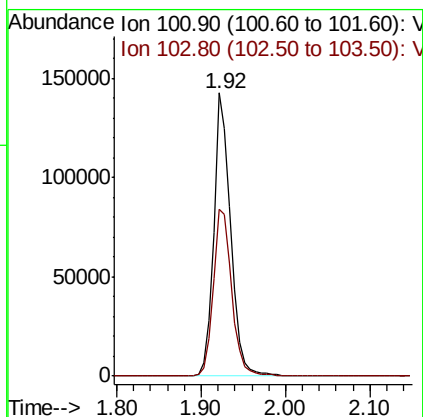
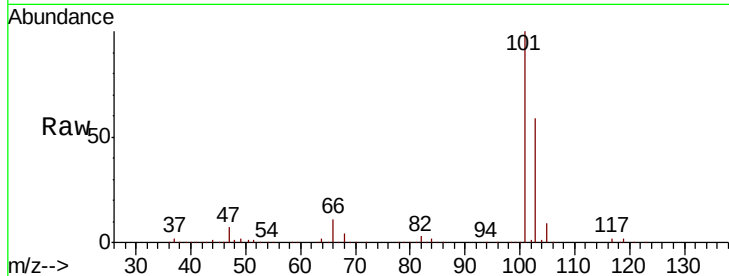
Trichlorofluoromethane
 Concen: 52.947 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
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 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.1	50.0	75.0

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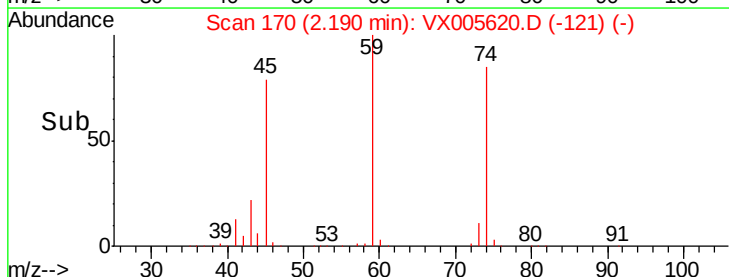
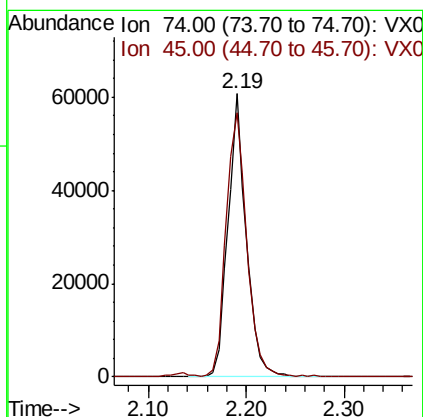
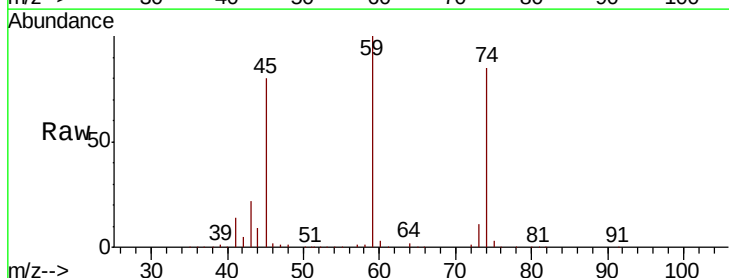
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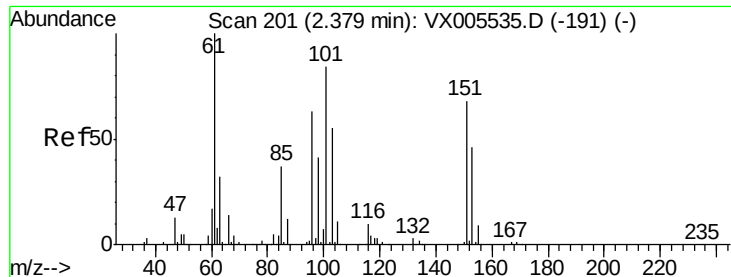


#8

Diethyl Ether
 Concen: 52.767 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.470 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

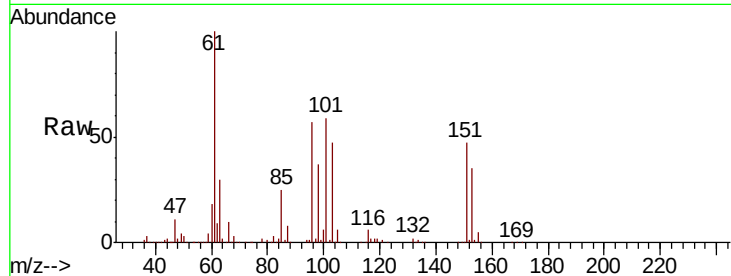
ClientSampleId :

MW-15MS

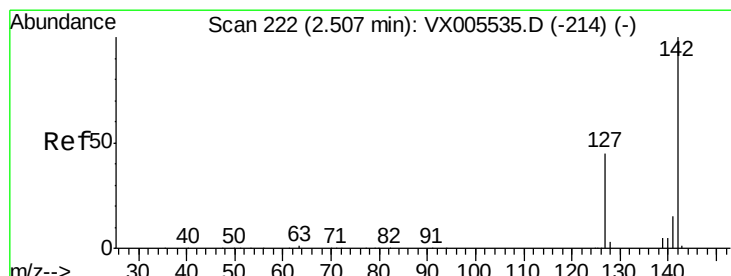
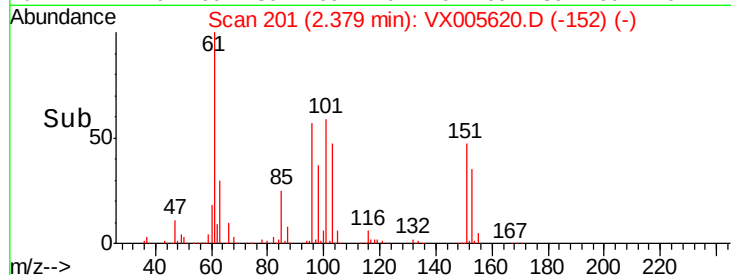
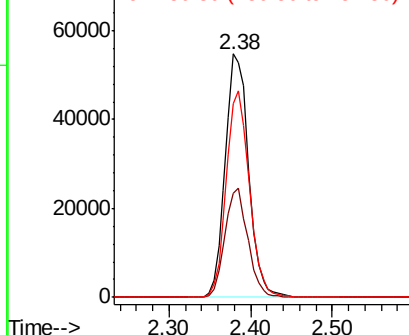
Tot Ion:	101	Resp:	108296
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.0	52.4
151	83.6	66.2	99.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 66.875 ug/l

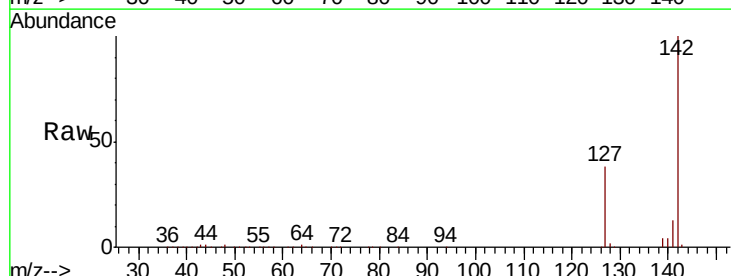
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

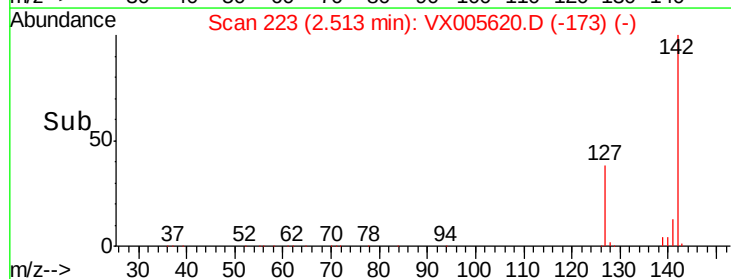
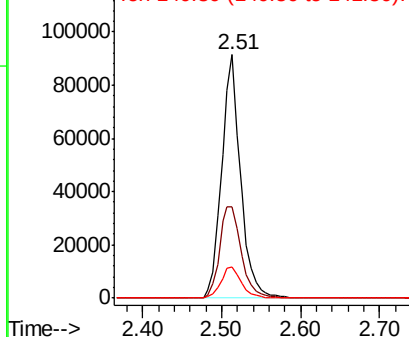
Lab File: VX005620.D

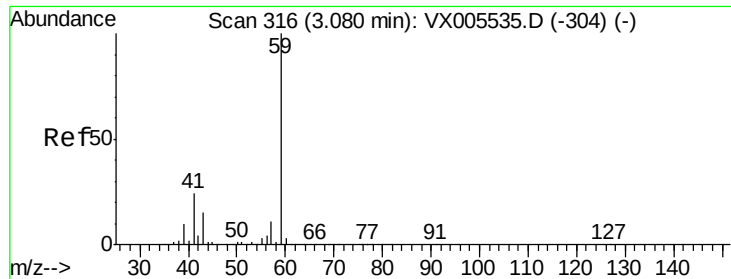
Acq: 26 Oct 2018 22:02

Tgt Ion:	142	Resp:	152045
Ion Ratio	Lower	Upper	
142	100		
127	43.4	36.0	54.0
141	13.9	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

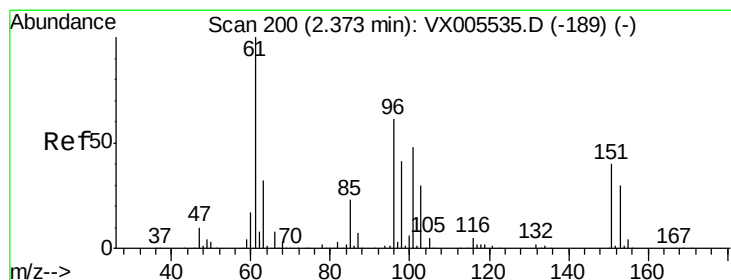
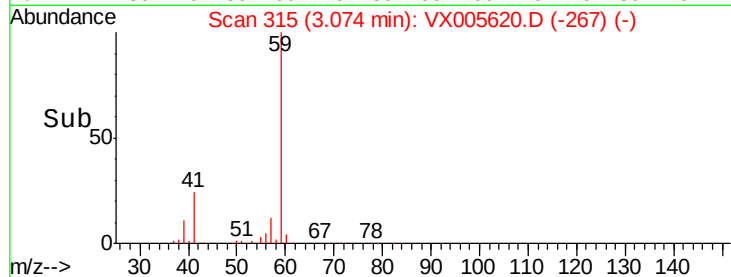
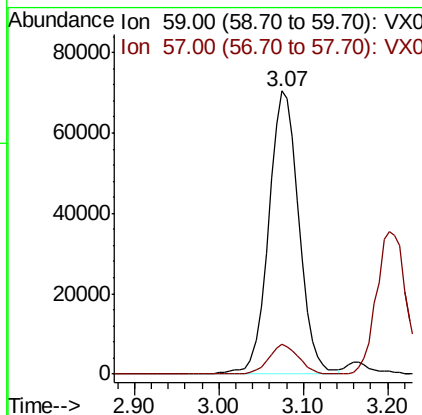
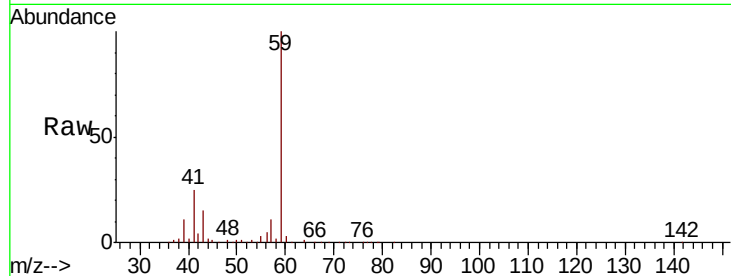
Tert butyl alcohol
 Concen: 244.448 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
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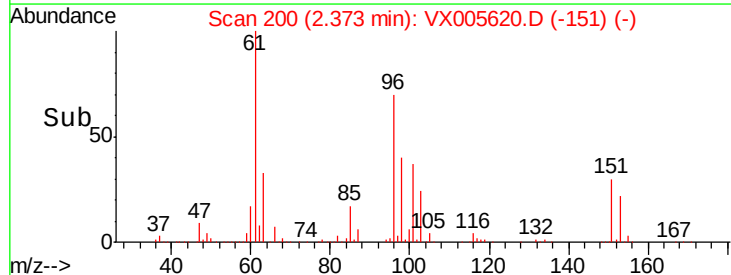
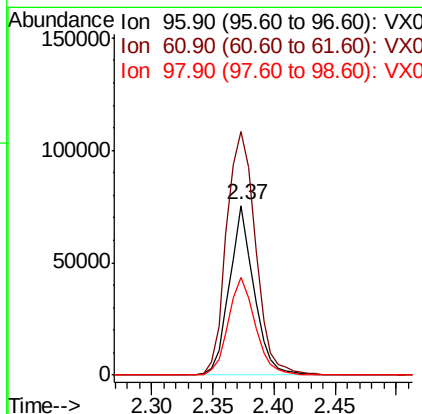
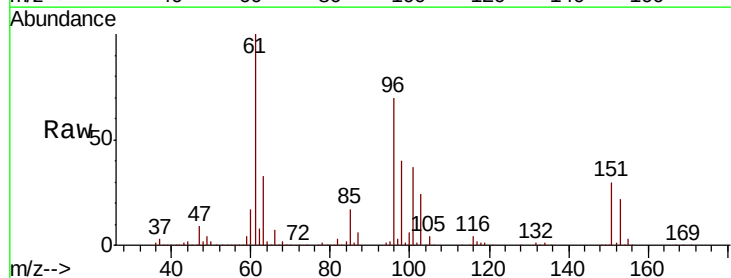
MMDadoda
 10/29/2018 12:43:30 PM

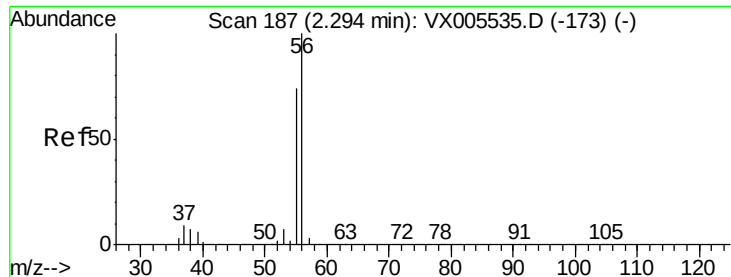


#12

1,1-Dichloroethene
 Concen: 51.384 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.4	131.8	197.8
98	57.7	53.4	80.2





#13

Acrolein

Concen: 230.449 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 56 Resp: 84086

Ion Ratio Lower Upper

56 100

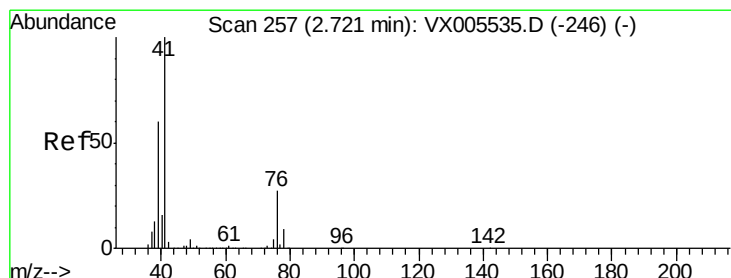
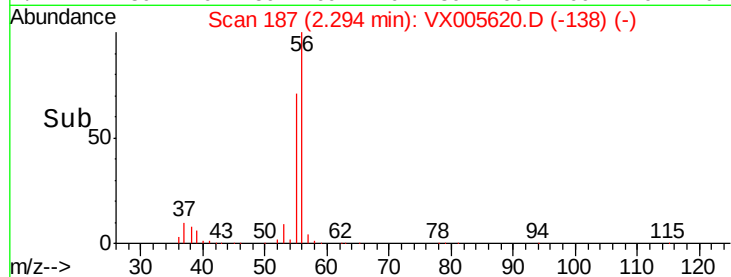
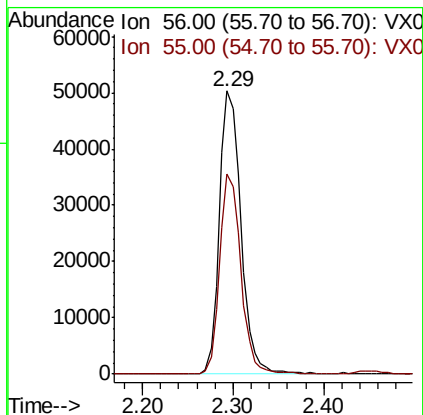
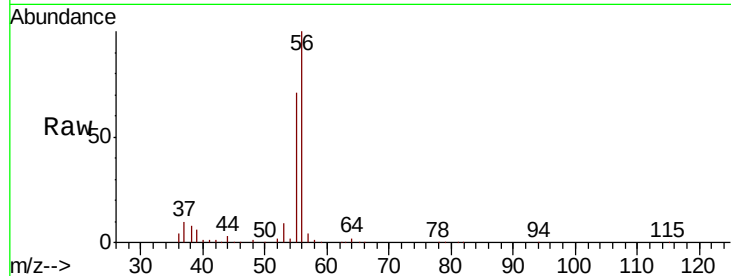
55 68.8 57.3 85.9

Manual Integrations

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#14

Allyl chloride

Concen: 52.199 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

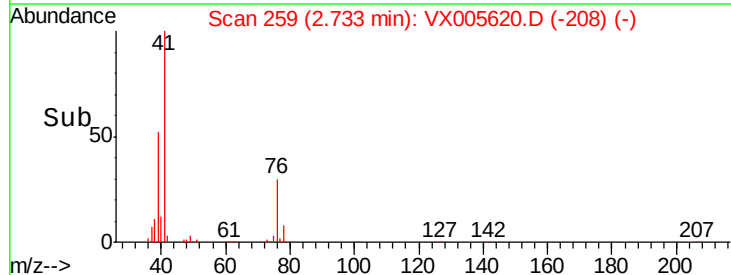
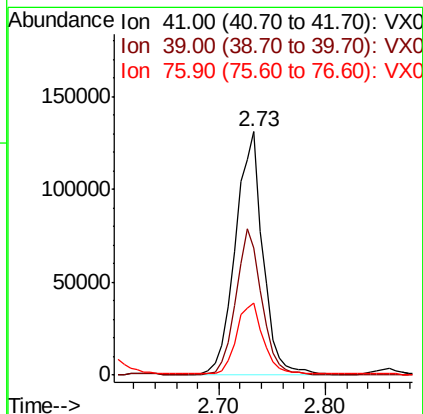
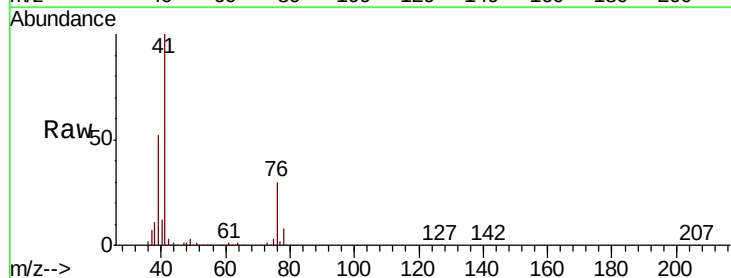
Tgt Ion: 41 Resp: 238130

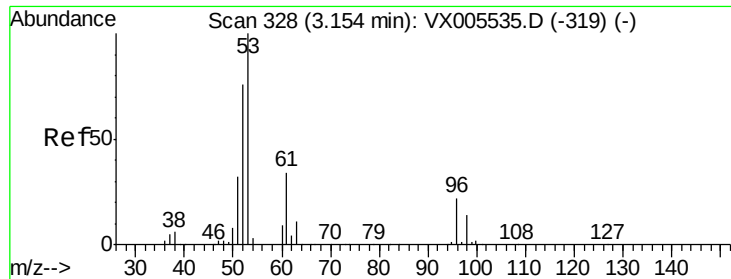
Ion Ratio Lower Upper

41 100

39 56.7 48.2 72.4

76 28.6 21.9 32.9





#15

Acrylonitrile

Concen: 251.924 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

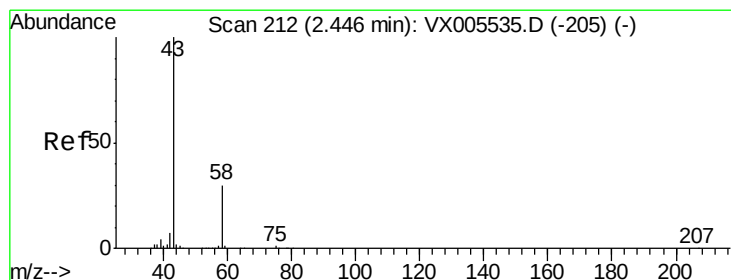
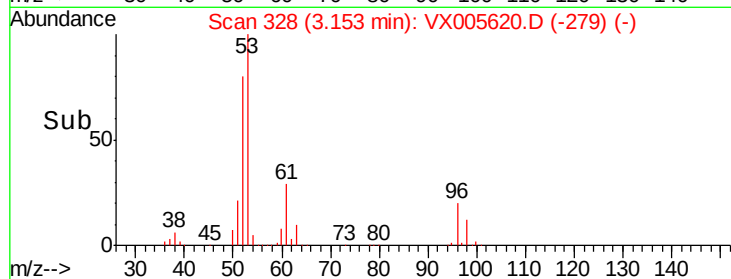
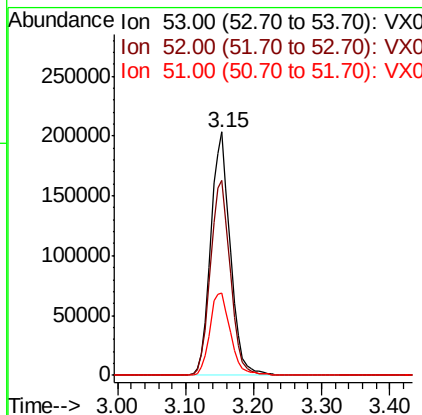
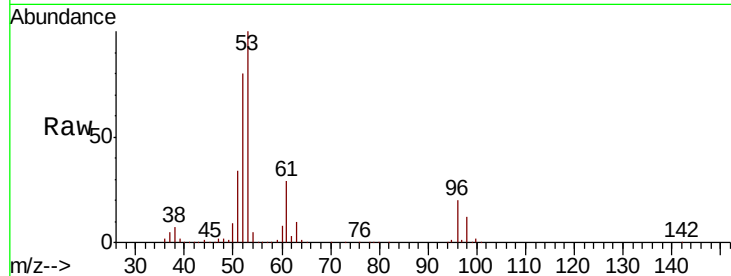
ClientSampleId :

MW-15MS

Tot Ion:	53	Resp:	404079
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	99.8
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 259.819 ug/l

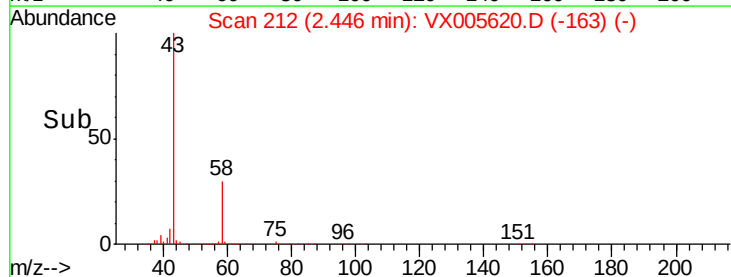
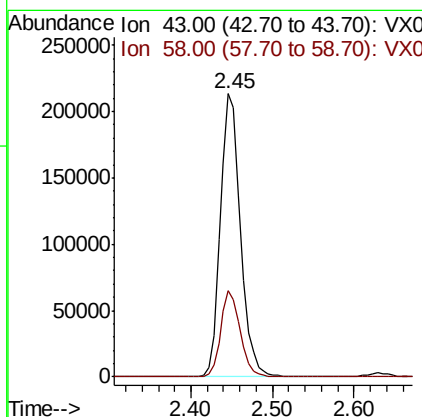
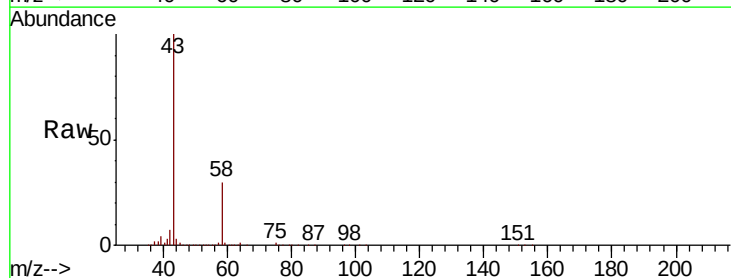
RT: 2.45 min Scan# 212

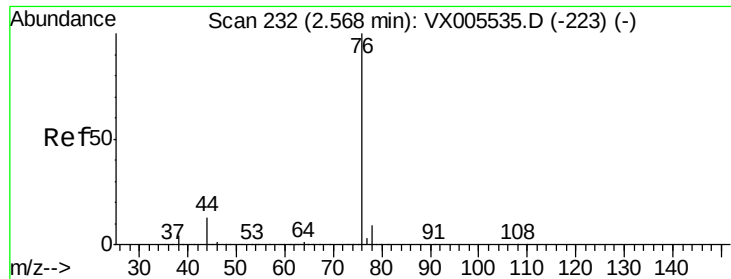
Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion:	43	Resp:	364941
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.8	35.6





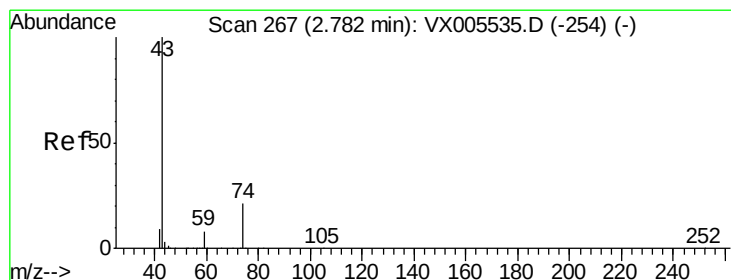
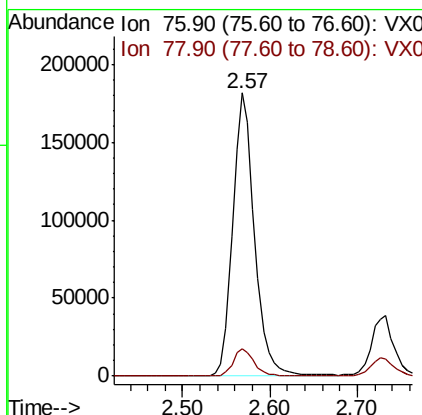
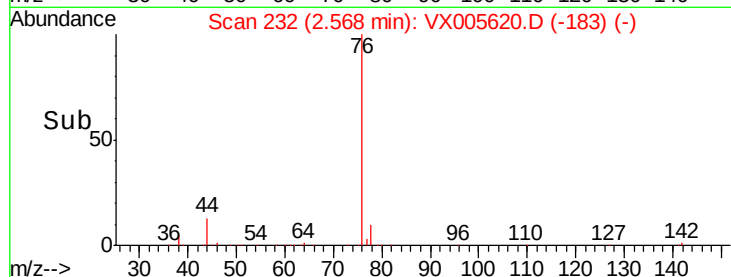
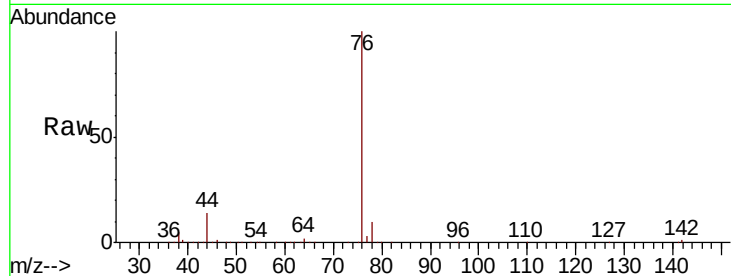
#17
Carbon Disulfide
Concen: 50.704 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

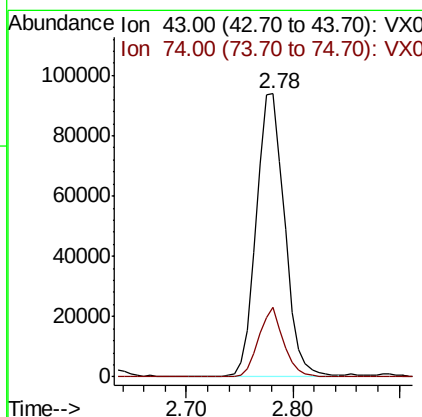
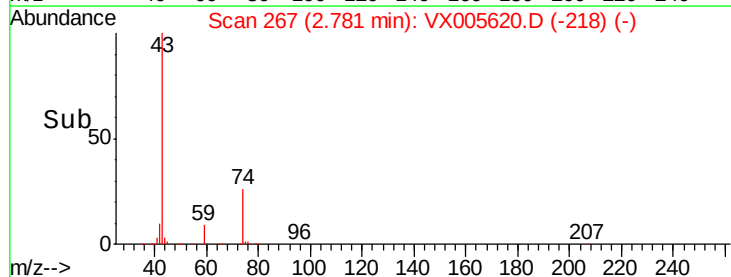
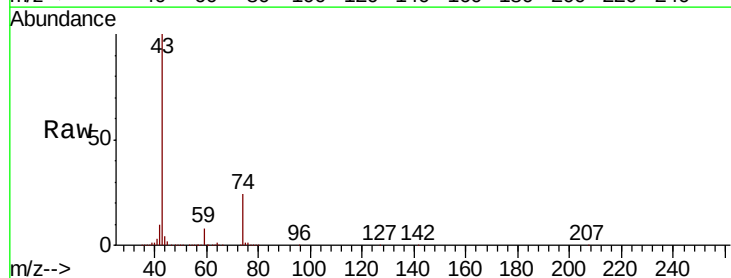
Manual Integrations
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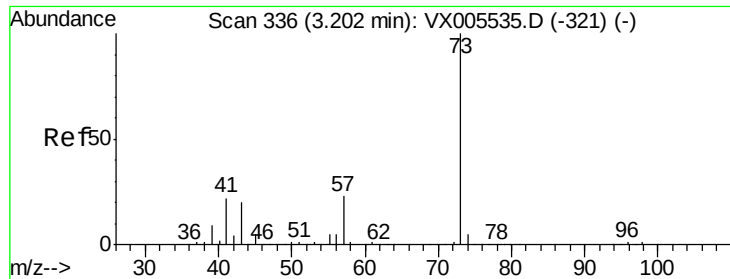
MMDadoda
10/29/2018 12:43:30 PM



#18
Methyl Acetate
Concen: 50.779 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.8	25.2





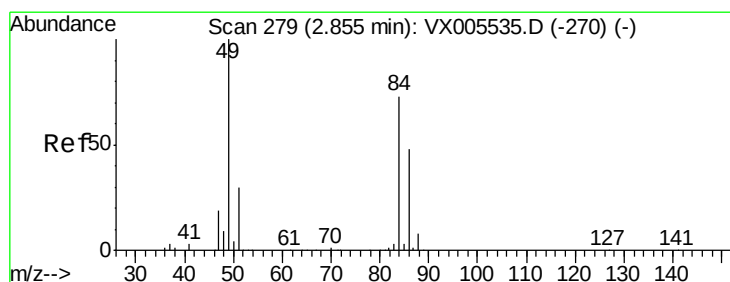
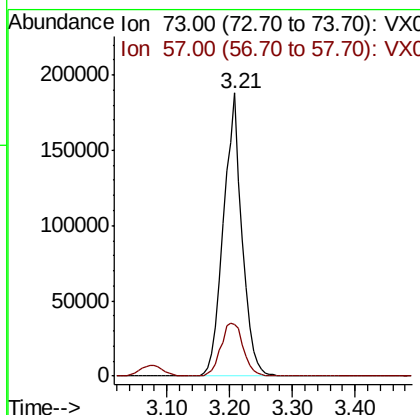
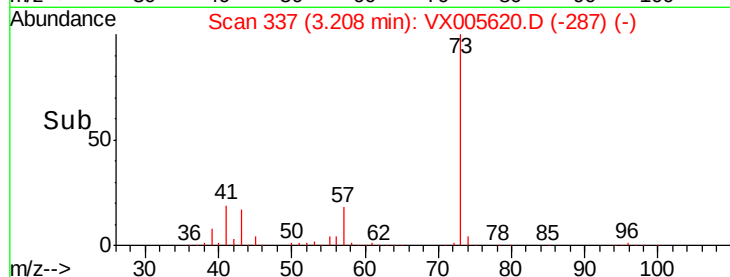
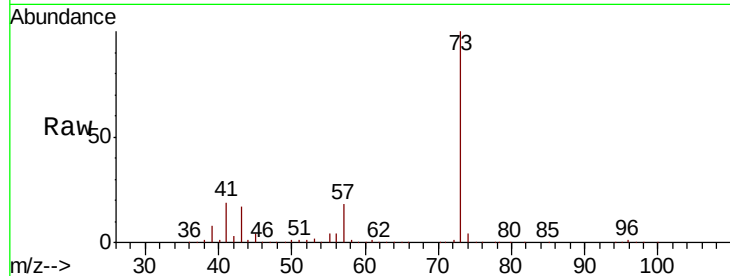
#19
Methyl tert-butyl Ether
Concen: 52.583 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.4	18.8	28.2#

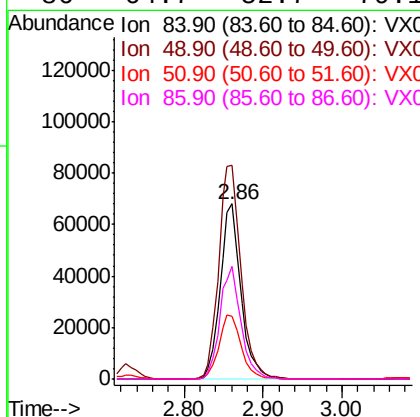
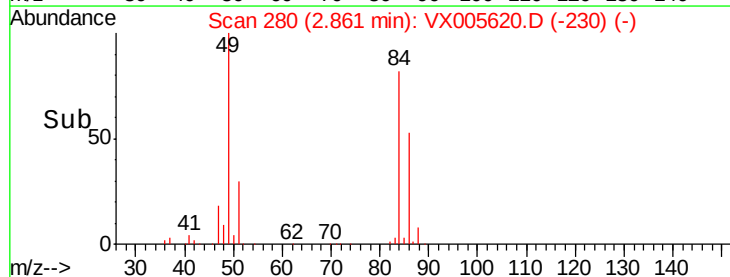
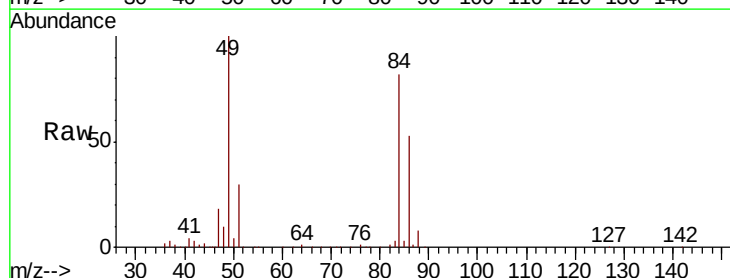
Manual Integrations
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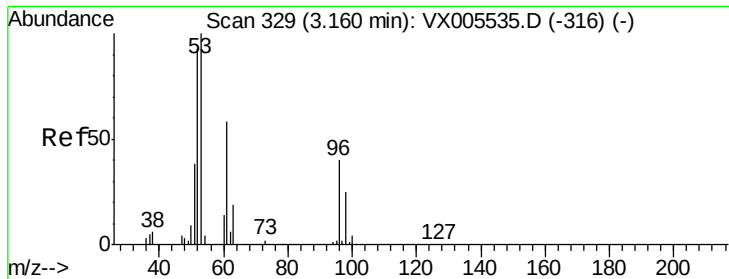
MMDadoda
10/29/2018 12:43:30 PM



#20
Methylene Chloride
Concen: 52.673 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	109.5	164.3
51	36.1	33.3	49.9
86	64.7	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 48.827 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

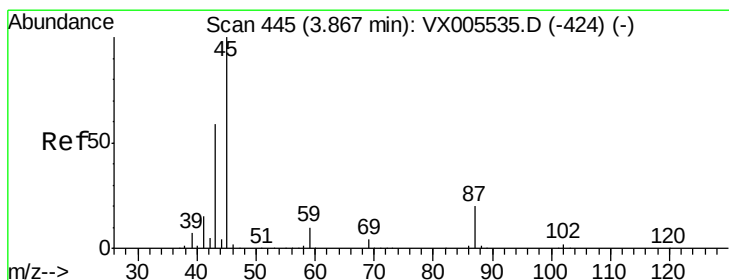
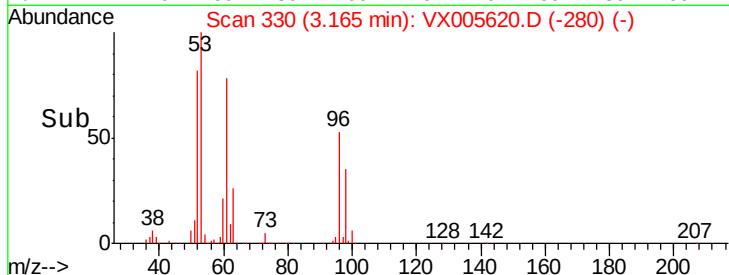
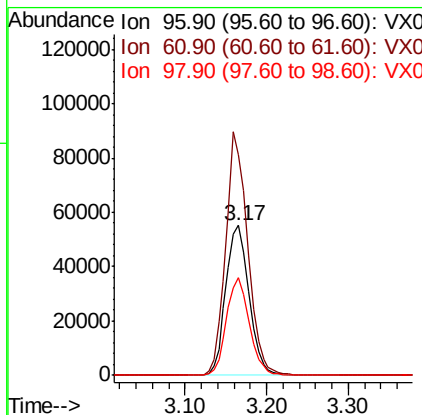
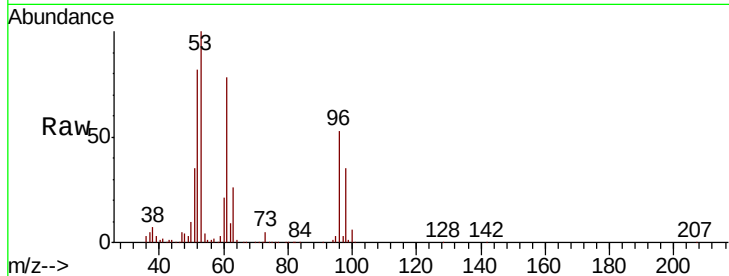
ClientSampleId :

MW-15MS

Tot Ion:	96	Resp:	108973
Ion	Ratio	Lower	Upper
96	100		
61	146.6	115.6	173.4
98	65.0	50.2	75.2

Manual Integrations
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10/29/2018 12:43:30 PM



#22

Diisopropyl ether

Concen: 53.504 ug/l

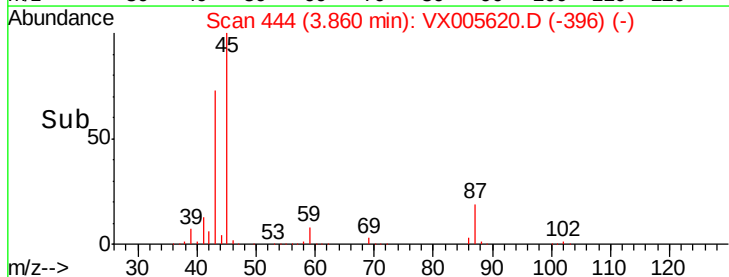
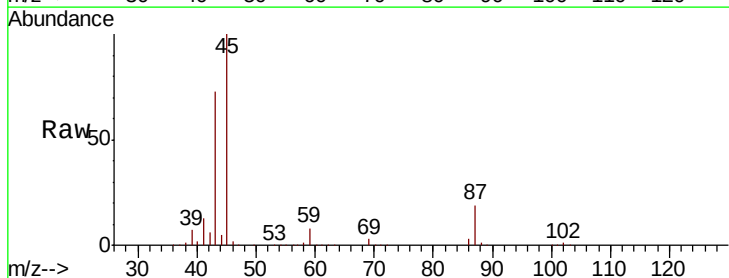
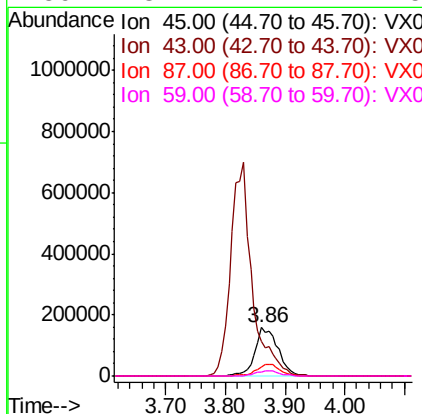
RT: 3.86 min Scan# 444

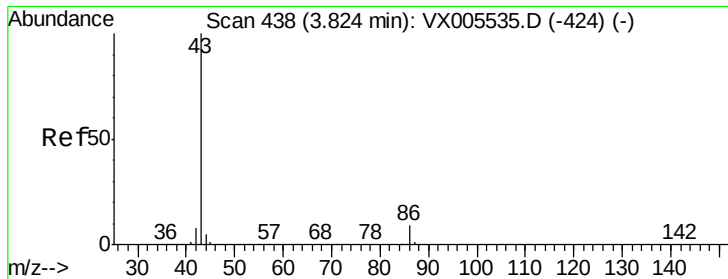
Delta R.T. -0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion:	45	Resp:	426248
Ion	Ratio	Lower	Upper
45	100		
43	72.5	47.4	71.2#
87	19.2	15.9	23.9
59	8.4	7.7	11.5





#23

Vinyl Acetate

Concen: 248.122 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 43 Resp: 1740874

Ion Ratio Lower Upper

43 100

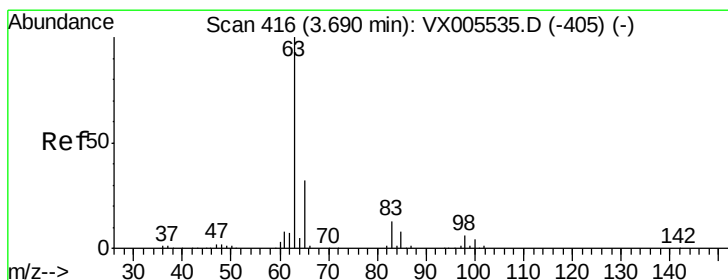
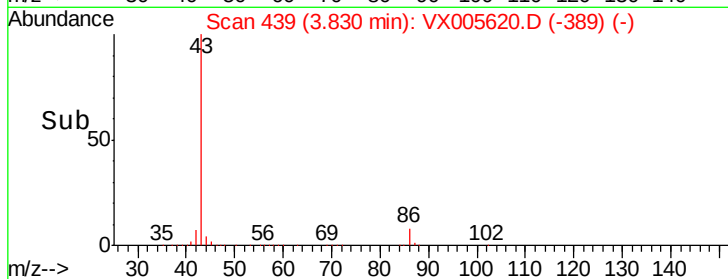
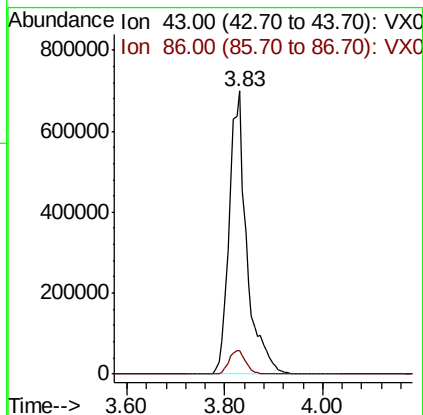
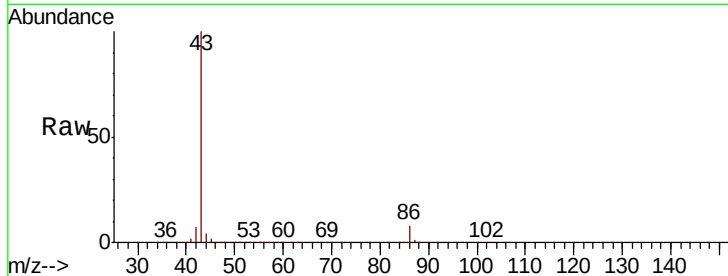
86 8.3 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.249 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

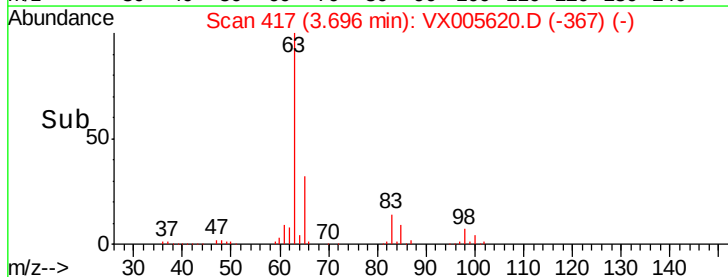
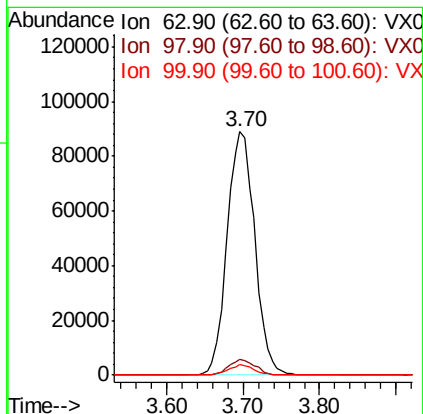
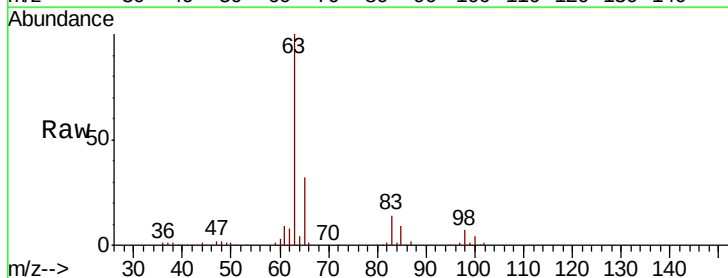
Tgt Ion: 63 Resp: 221973

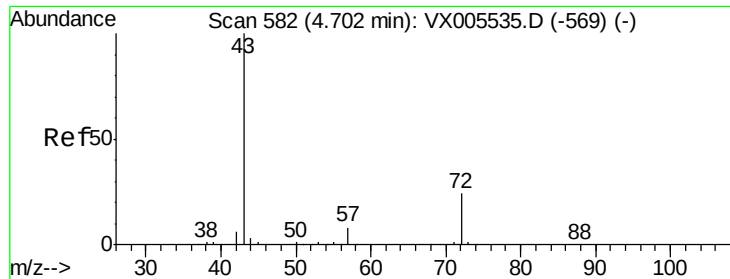
Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 251.392 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 43 Resp: 537708

Ion Ratio Lower Upper

43 100

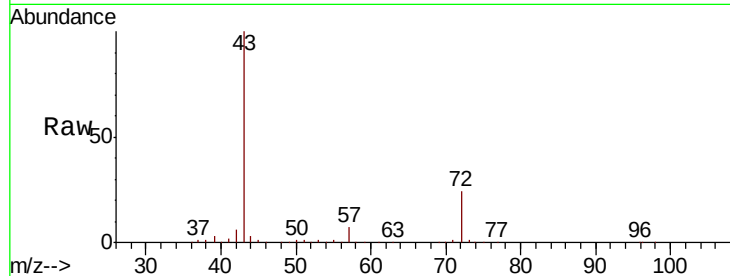
72 23.6 19.2 28.8

Manual Integrations

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10/29/2018 12:43:30 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

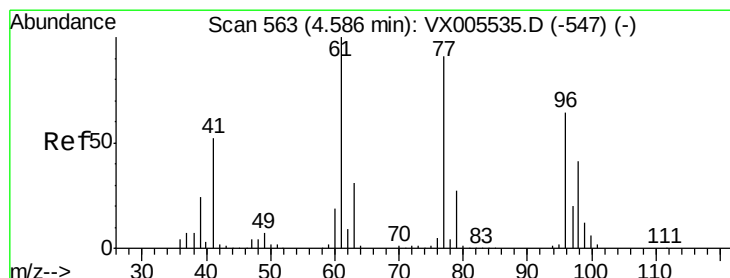
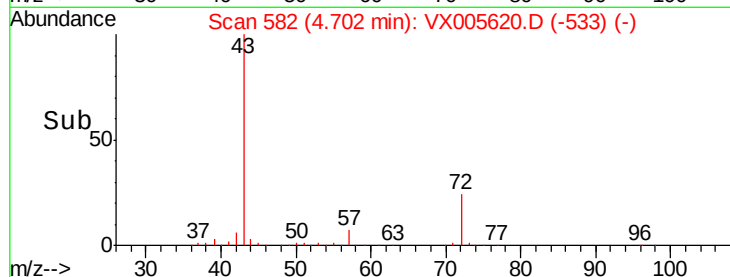
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.941 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005620.D

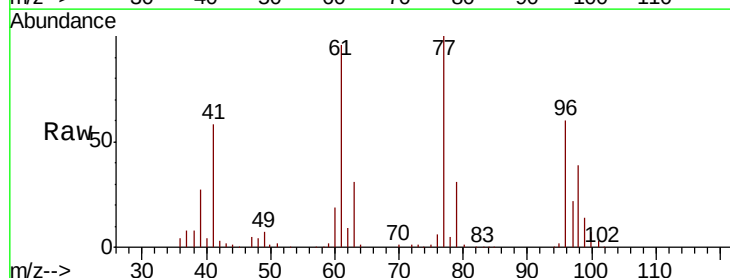
Acq: 26 Oct 2018 22:02

Tgt Ion: 77 Resp: 140247

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

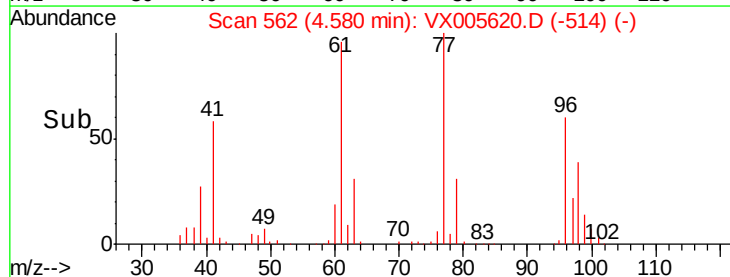
20000

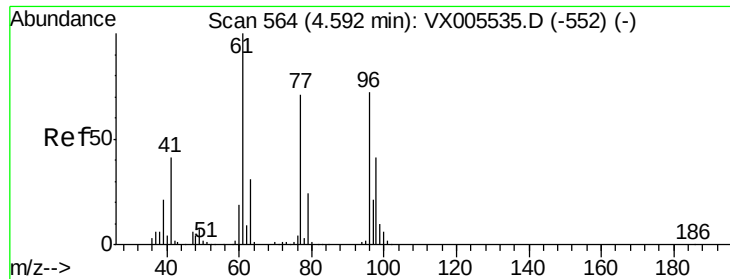
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

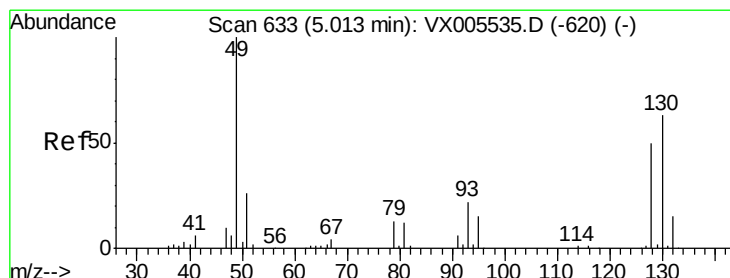
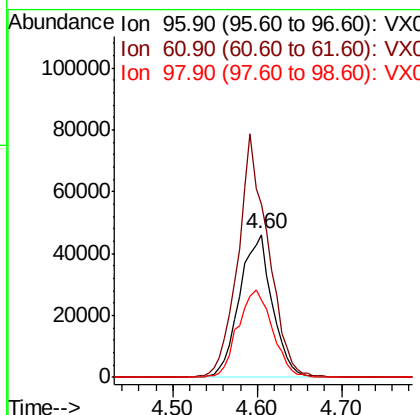
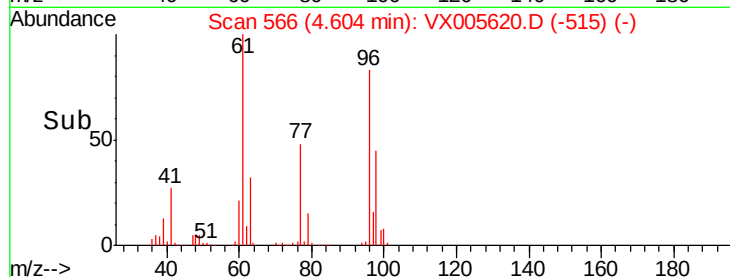
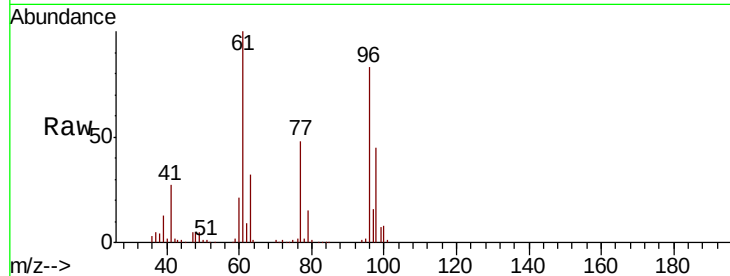
cis-1,2-Dichloroethene
 Concen: 50.602 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	155.3	0.0	304.6	
98	64.7	0.0	127.4	

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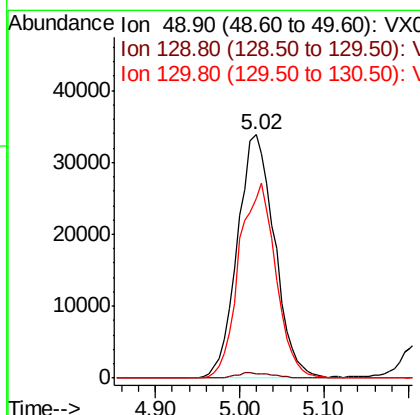
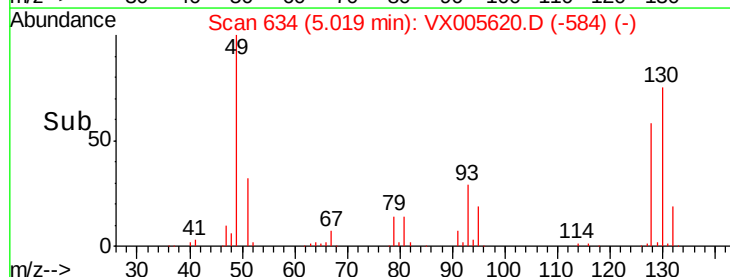
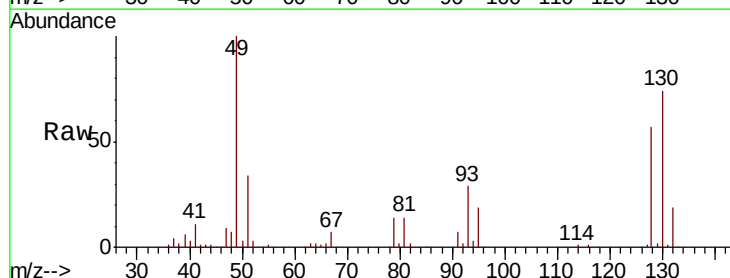
MMDadoda
 10/29/2018 12:43:30 PM

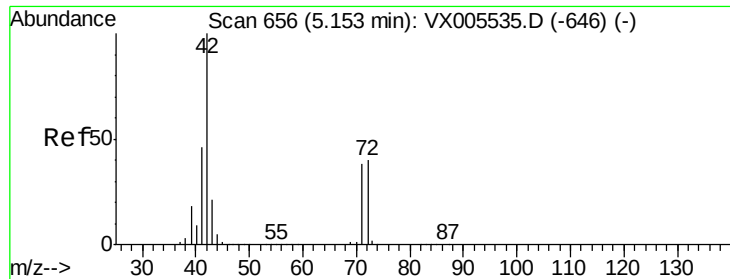


#28

Bromochloromethane
 Concen: 48.295 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	79.0	58.9	88.3	





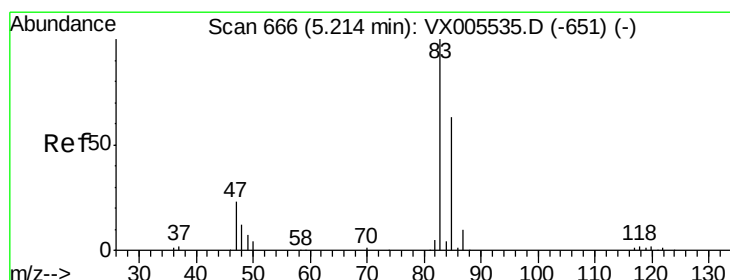
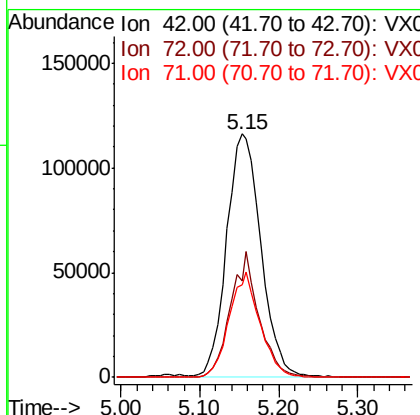
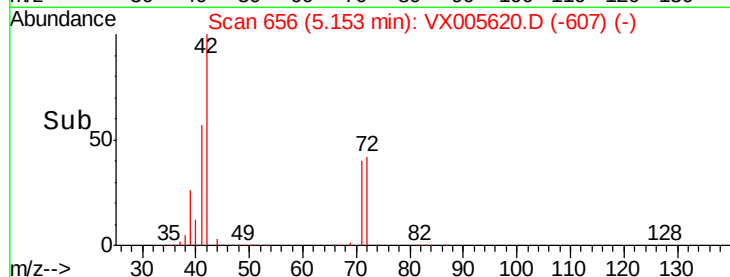
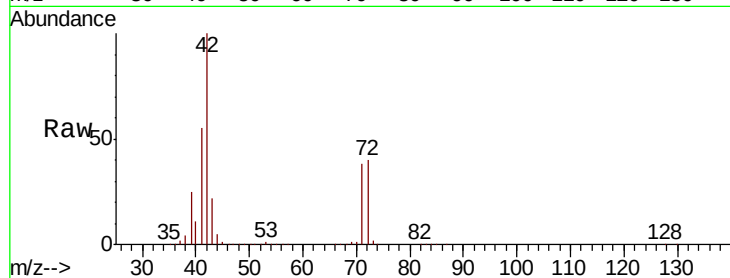
#29
Tetrahydrofuran
Concen: 252.064 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	32.0	48.0
71	38.7	29.8	44.8

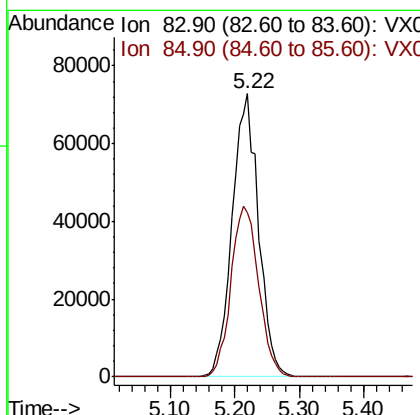
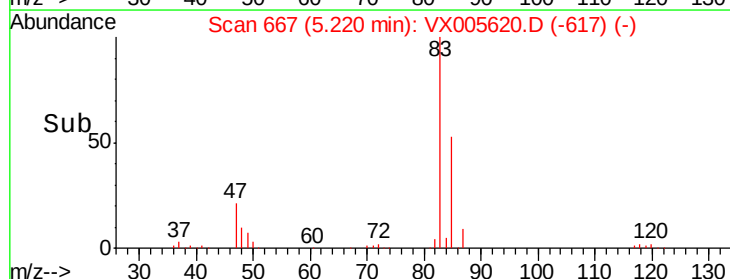
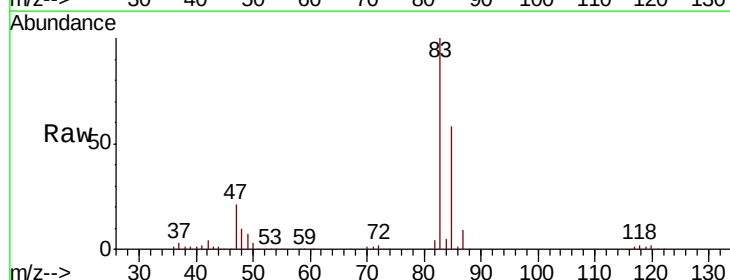
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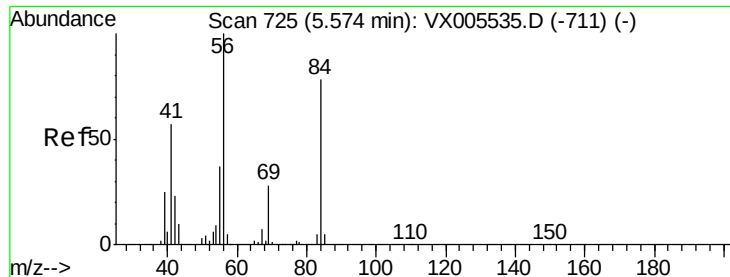
MMDadoda
10/29/2018 12:43:30 PM



#30
Chloroform
Concen: 51.271 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.2	50.6	76.0





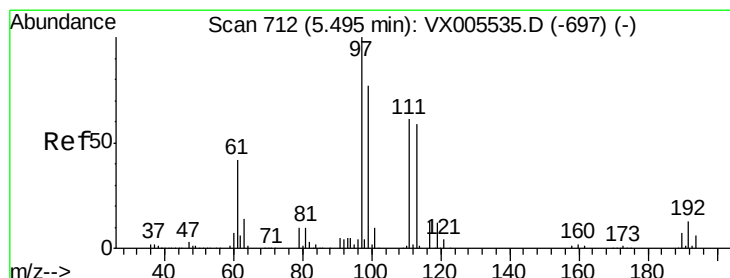
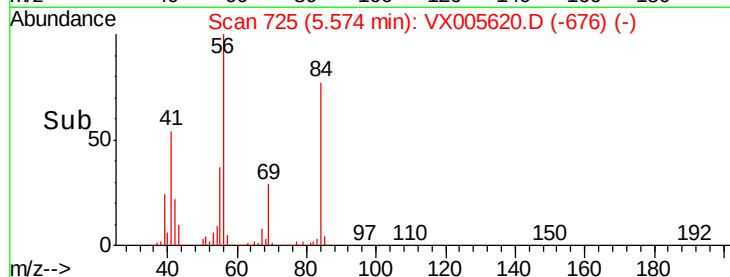
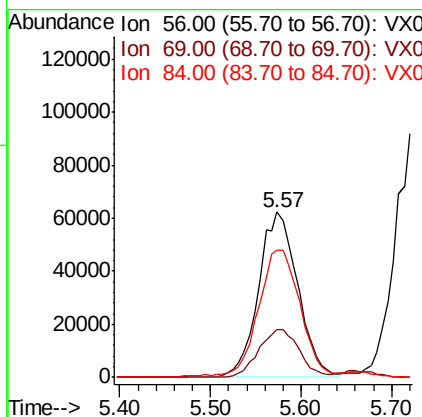
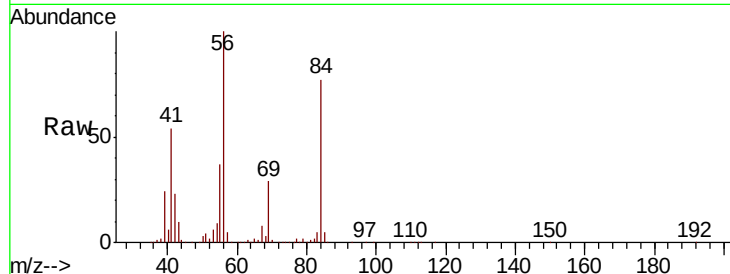
#31
Cyclohexane
Concen: 51.896 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	22.6	34.0
84	75.9	62.7	94.1

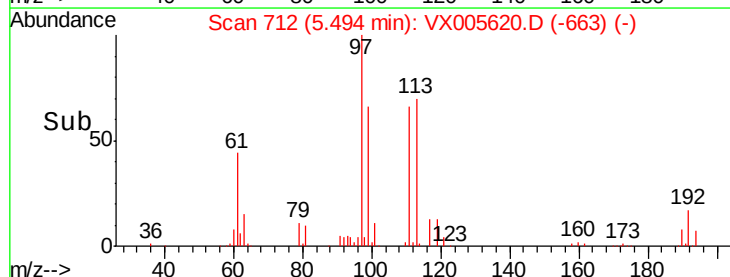
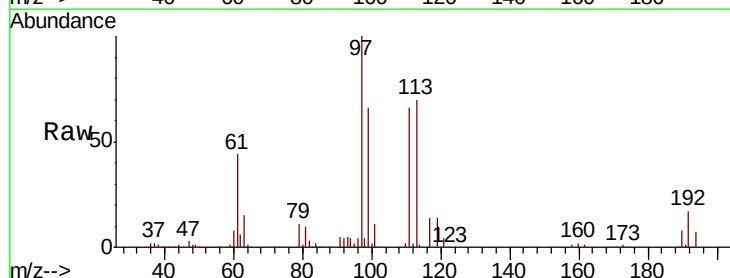
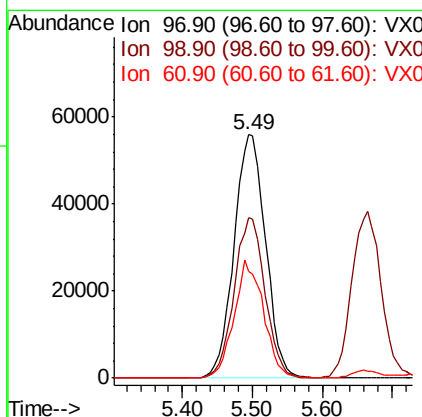
Manual Integrations
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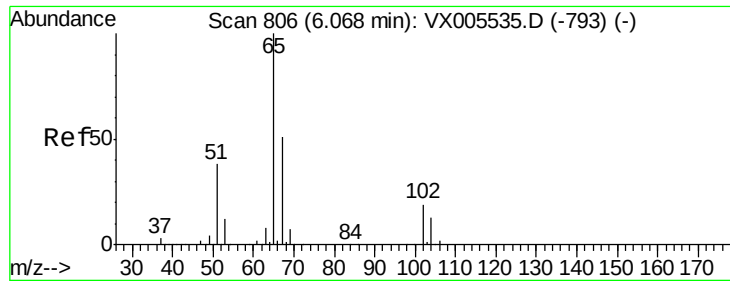
MMDadoda
10/29/2018 12:43:30 PM



#32
1,1,1-Trichloroethane
Concen: 48.945 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	45.2	35.2	52.8





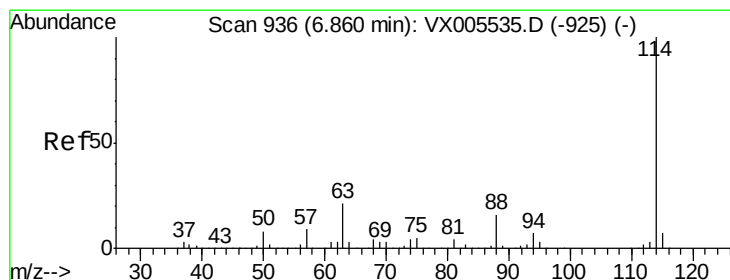
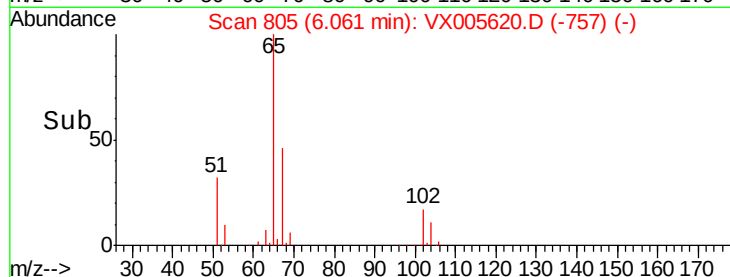
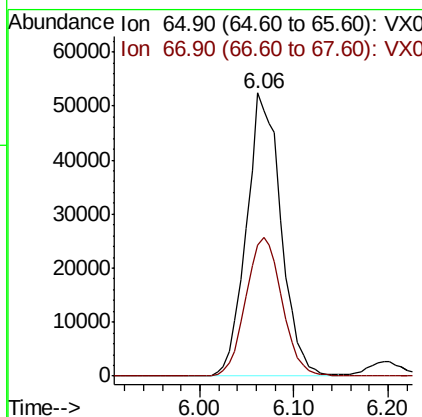
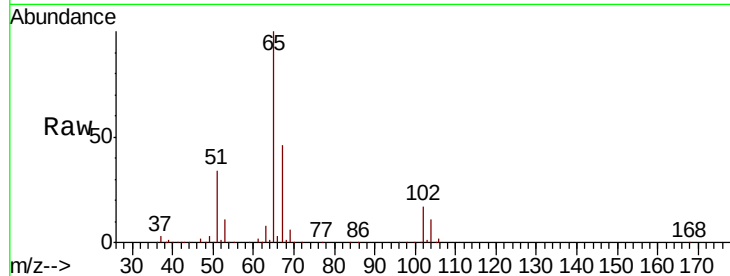
#33
 1,2-Dichloroethane-d4
 Concen: 50.653 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.0

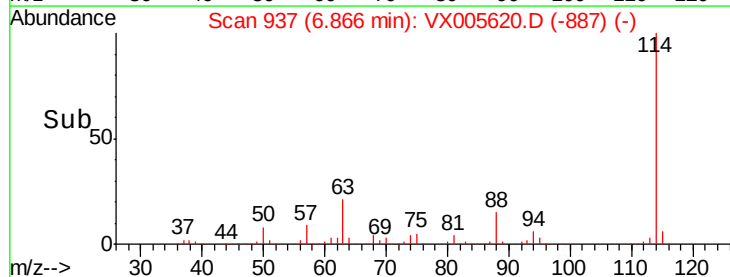
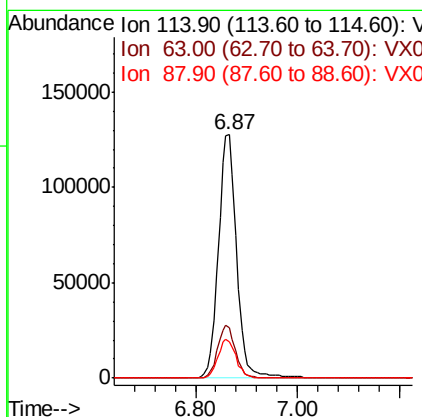
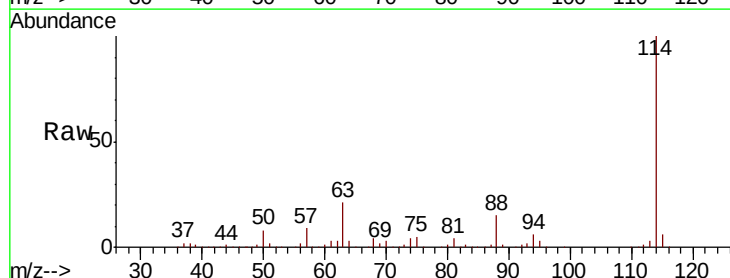
Manual Integrations
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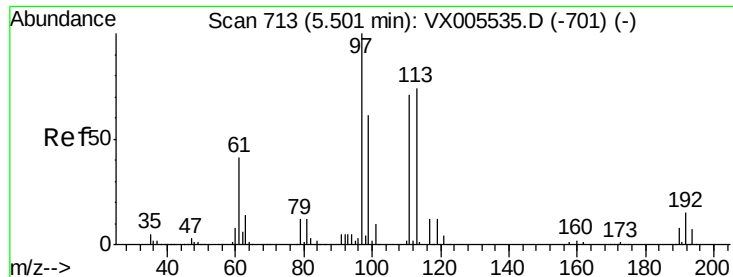
MMDadoda
 10/29/2018 12:43:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.8
88	15.1	0.0	31.2





#35

Dibromofluoromethane

Concen: 50.830 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

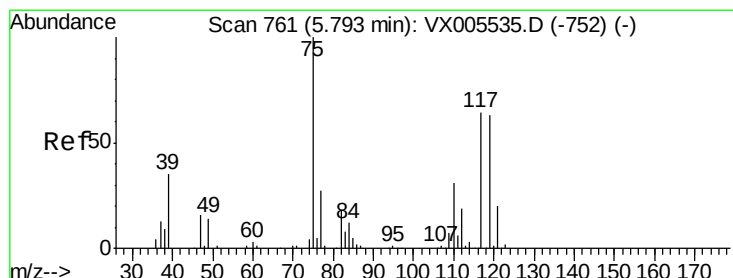
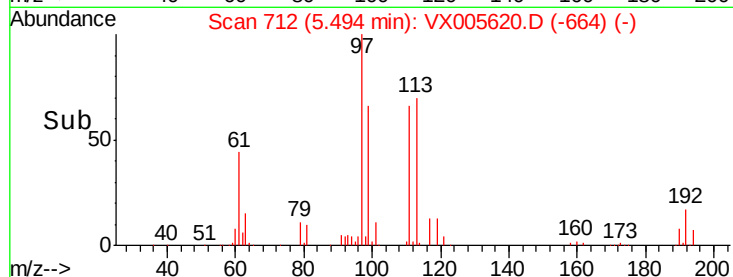
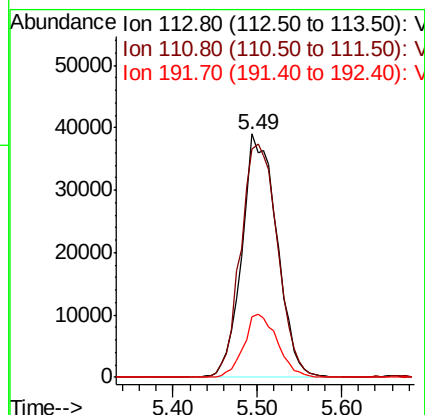
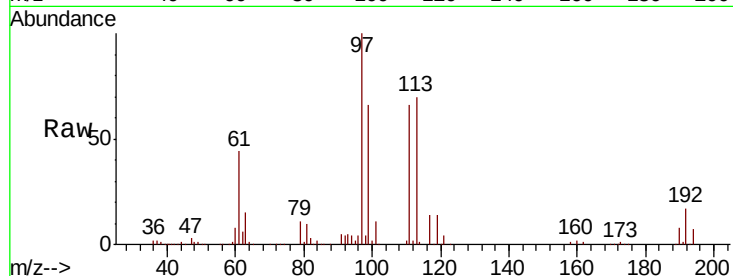
ClientSampleId :

MW-15MS

Tot Ion:	113	Resp:	109340
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.3	123.5
192	25.0	17.9	26.9

Manual Integrations
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10/29/2018 12:43:30 PM



#36

1,1-Dichloropropene

Concen: 50.447 ug/l

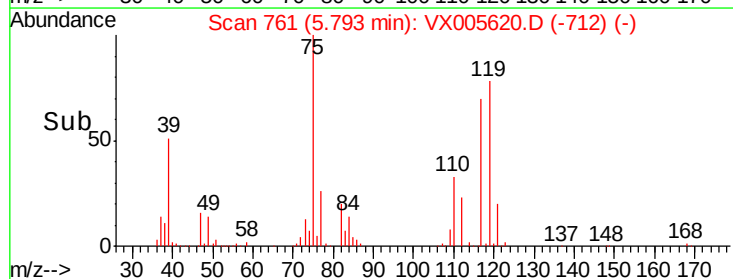
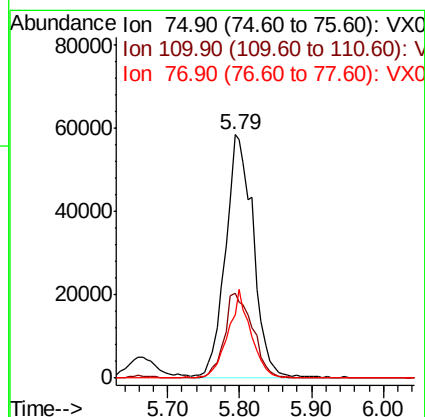
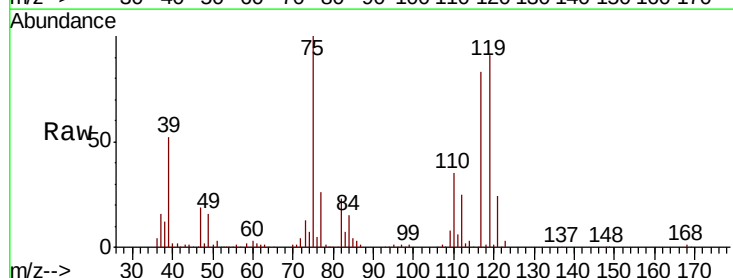
RT: 5.79 min Scan# 761

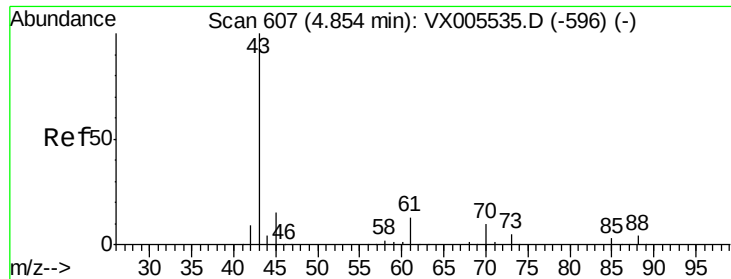
Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion:	75	Resp:	155528
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.4	52.2
77	30.1	25.8	38.6





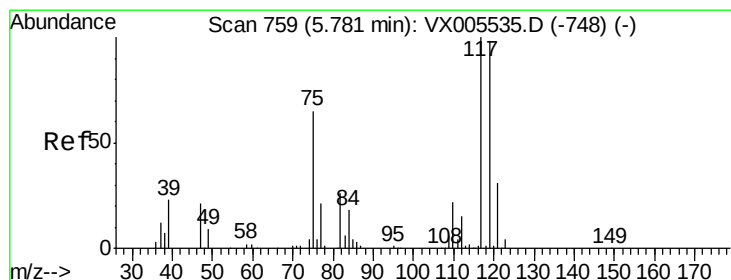
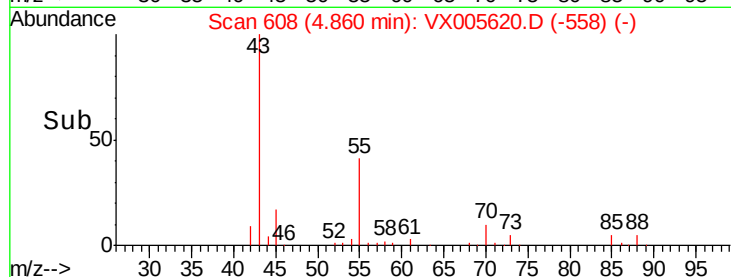
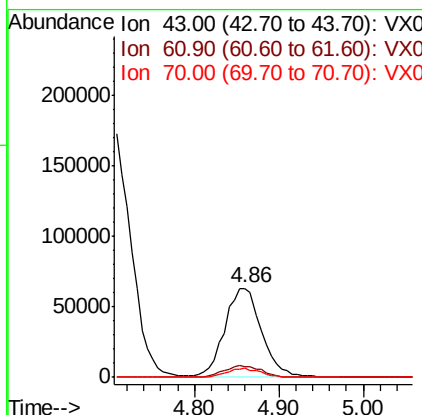
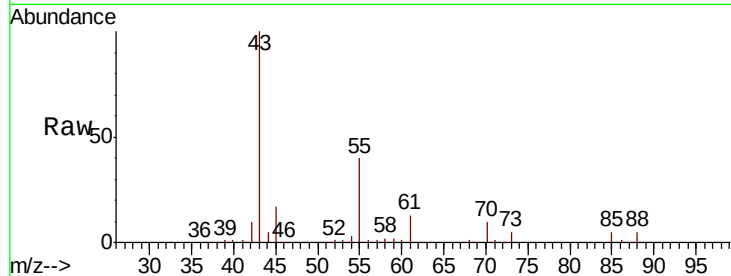
#37
Ethyl Acetate
Concen: 47.346 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion:	43	Resp:	186265
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	9.8	7.8	11.8

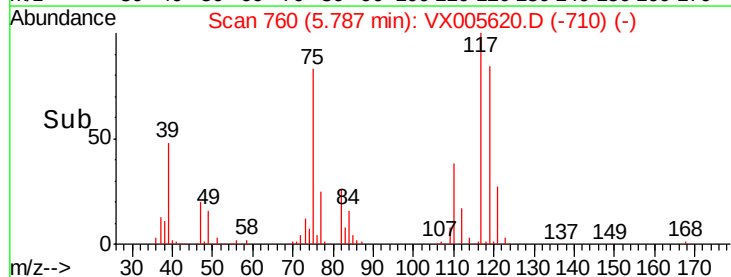
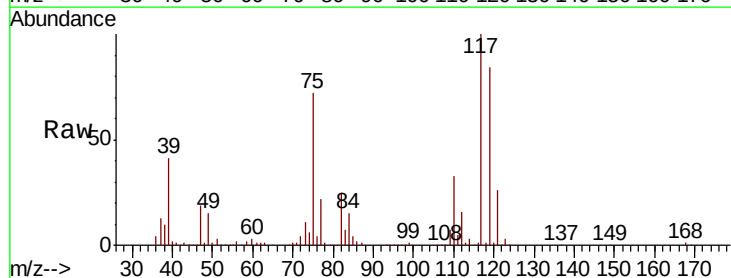
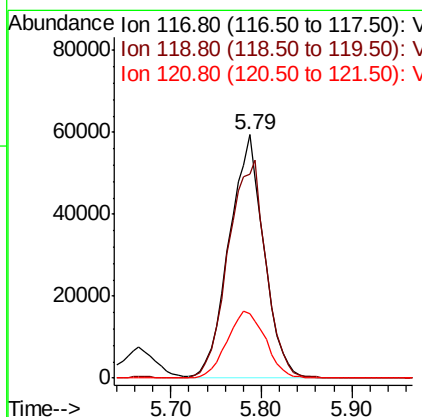
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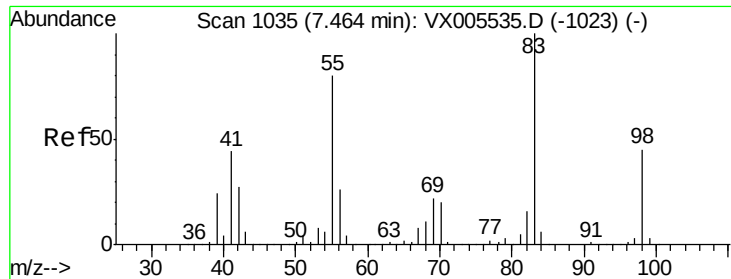
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.683 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion:	117	Resp:	158077
Ion	Ratio	Lower	Upper
117	100		
119	83.6	78.1	117.1
121	26.3	24.6	36.8





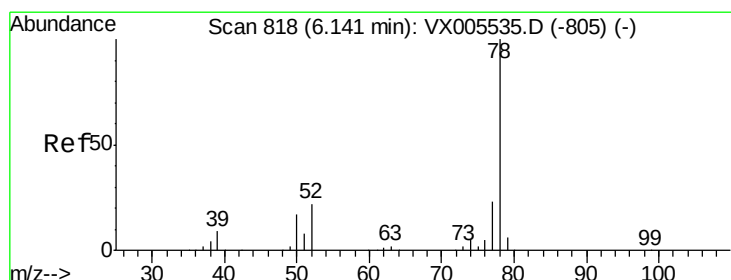
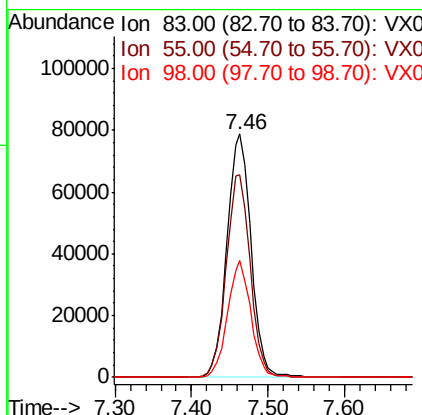
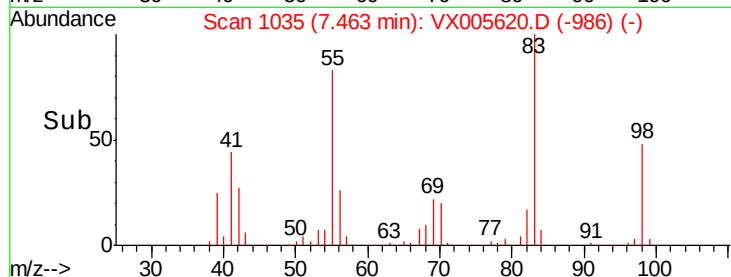
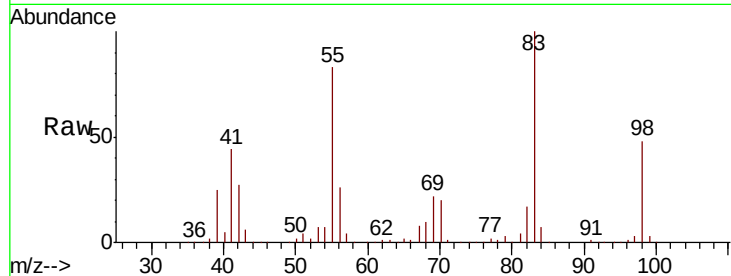
#39
Methylvlcyclohexane
Concen: 50.298 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.3	63.7	95.5
98	48.0	36.2	54.2

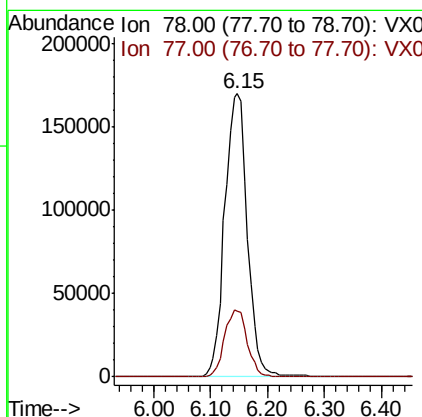
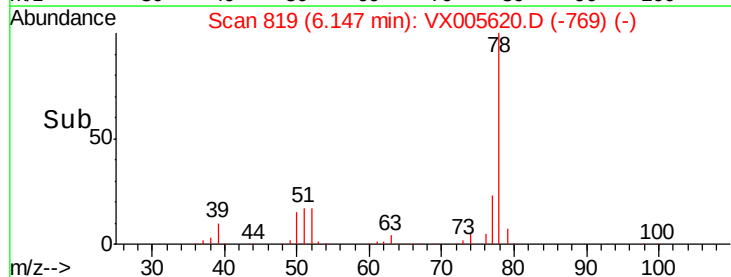
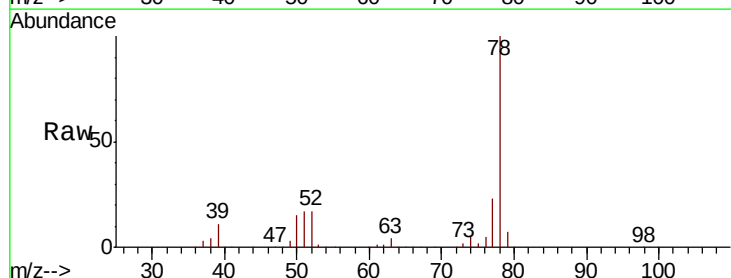
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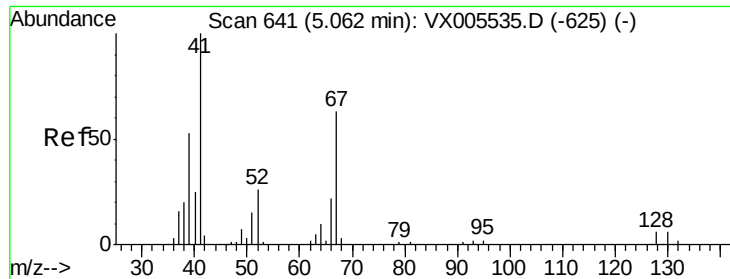
MMDadoda
10/29/2018 12:43:30 PM



#40
Benzene
Concen: 53.264 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.4	27.6





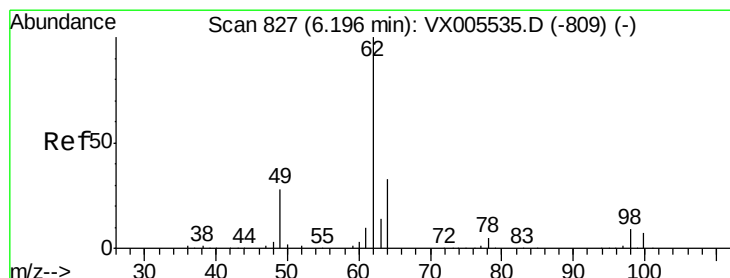
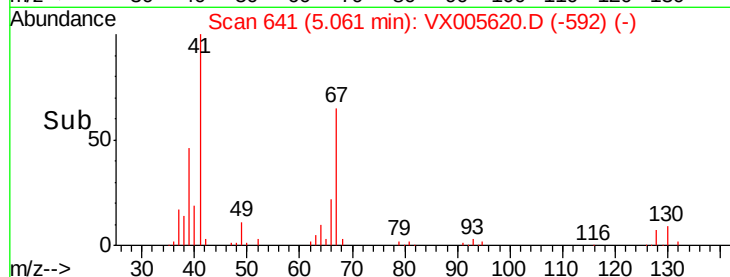
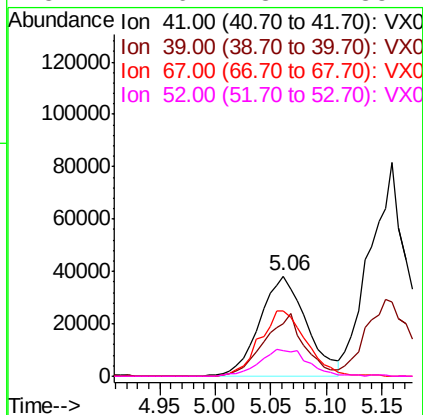
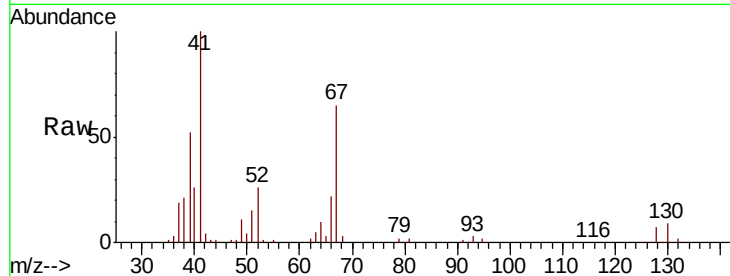
#41
Methacrylonitrile
Concen: 51.003 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	42.2	63.2	
67	65.3	53.4	80.0	
52	27.6	23.4	35.2	

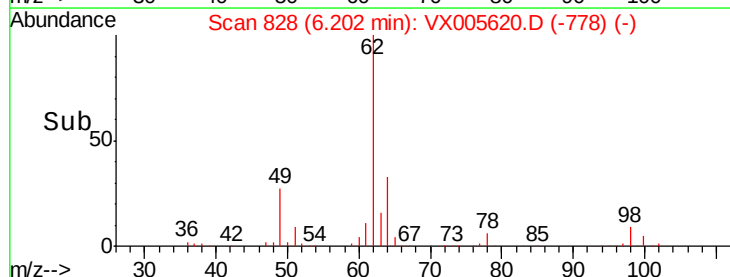
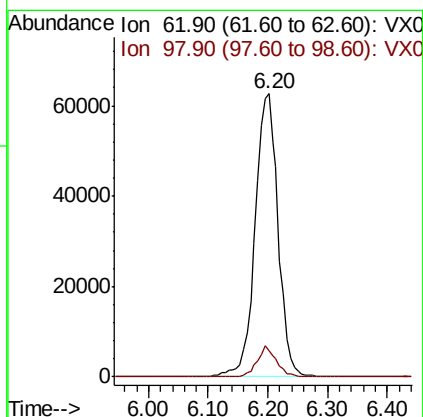
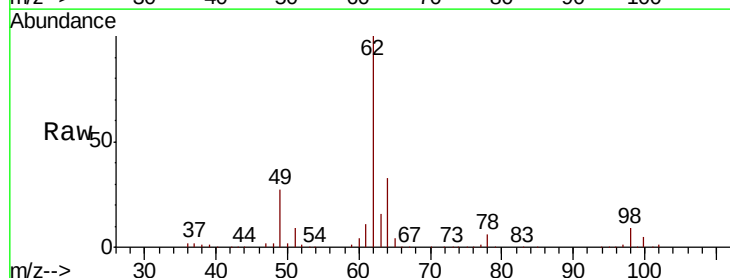
Manual Integrations
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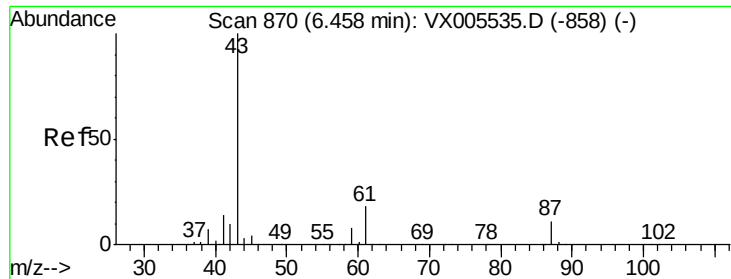
MMDadoda
10/29/2018 12:43:30 PM



#42
1,2-Dichloroethane
Concen: 49.838 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	





#43

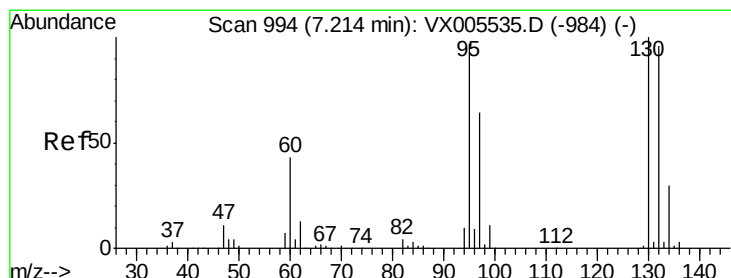
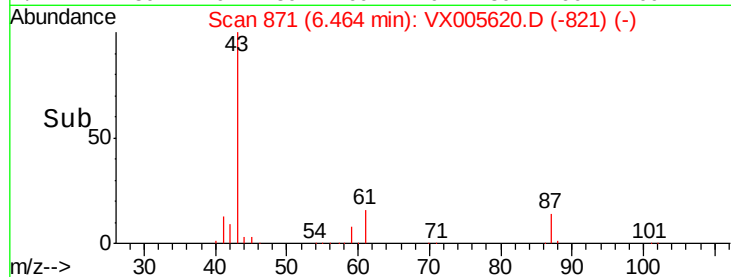
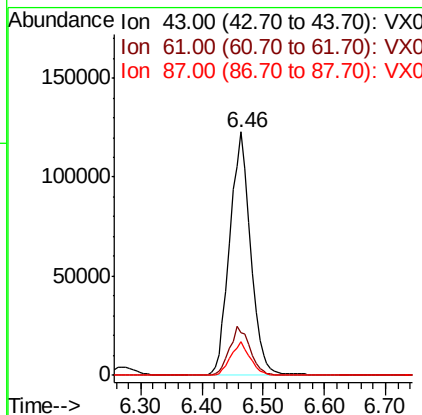
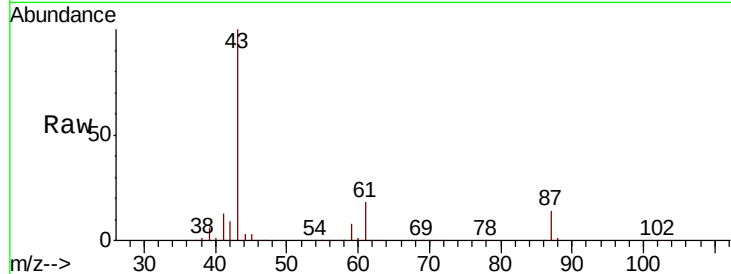
Isopropyl Acetate
 Concen: 48.603 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	43	Resp	286528
Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.6	22.0
87	12.7	9.6	14.4

Manual Integrations
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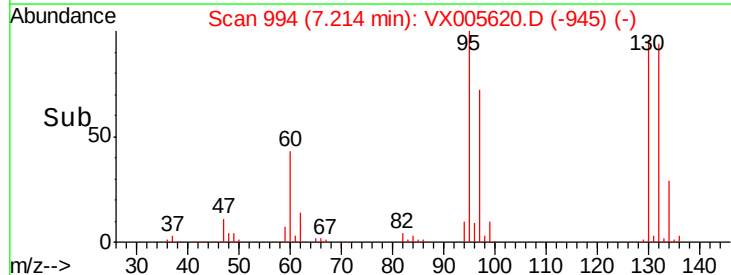
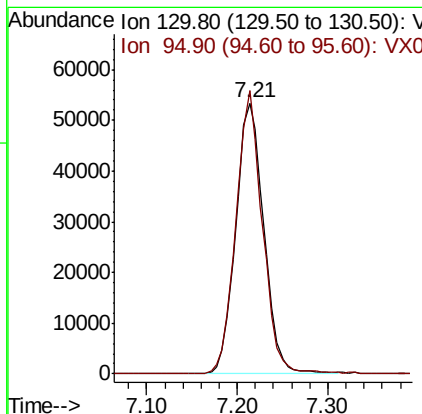
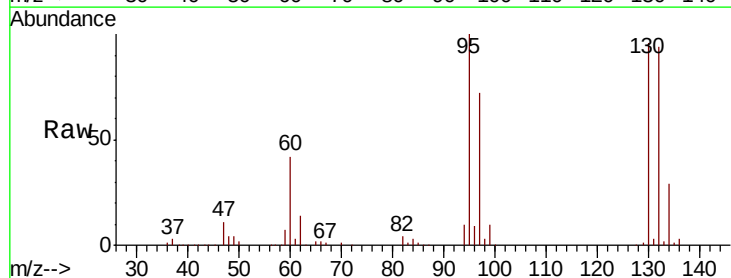
MMDadoda
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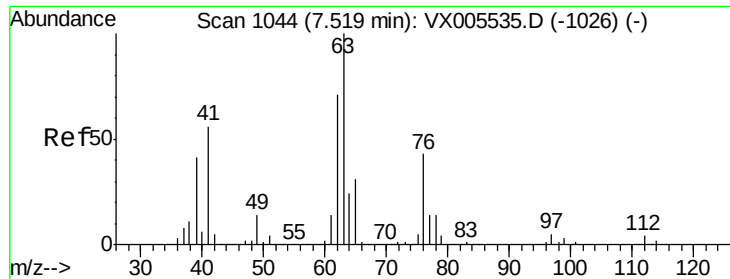


#44

Trichloroethene
 Concen: 47.621 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	130	Resp	114654
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	194.2





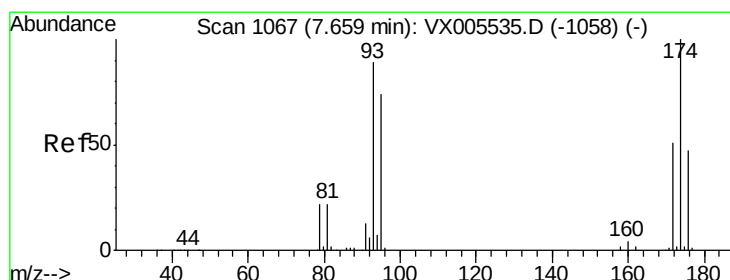
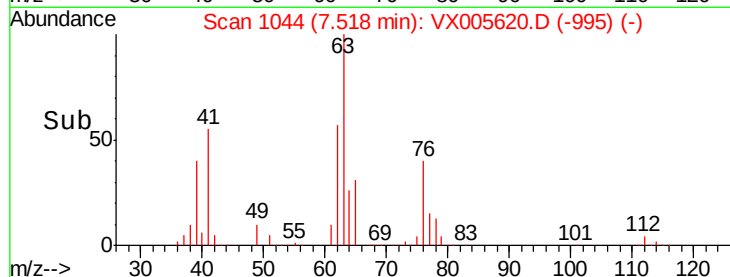
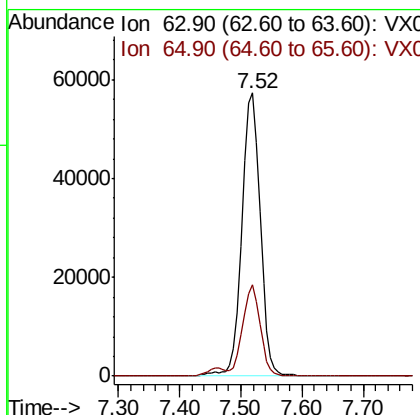
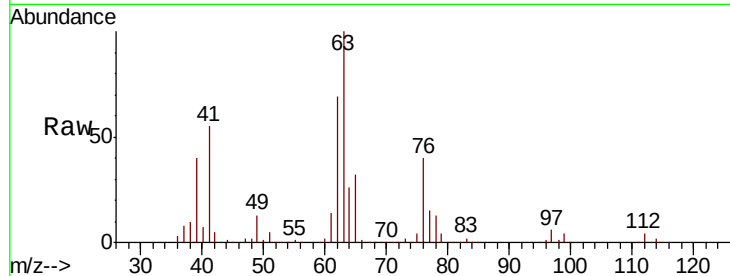
#45
 1,2-Dichloropropane
 Concen: 50.086 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion: 63 Resp: 119006
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2

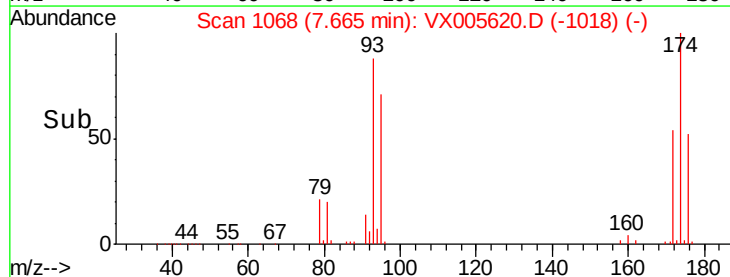
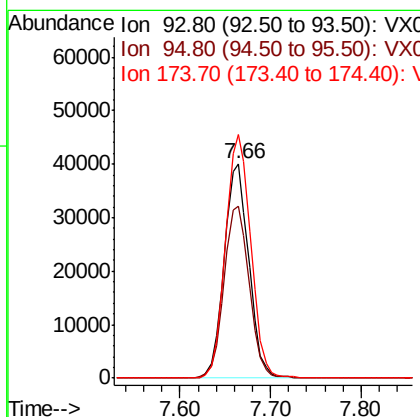
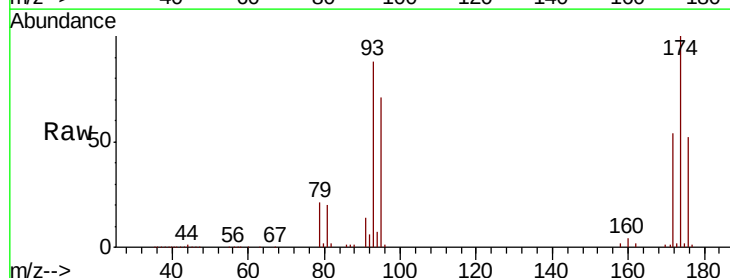
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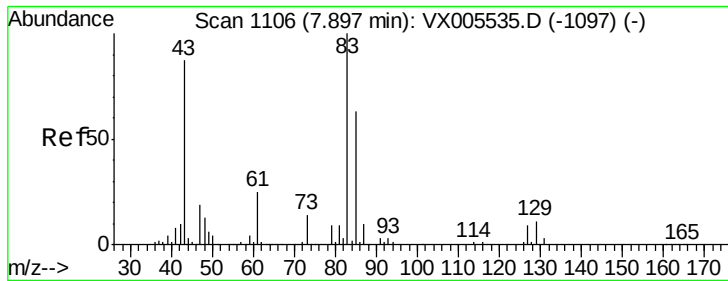
MMDadoda
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#46
 Dibromomethane
 Concen: 49.230 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion: 93 Resp: 75548
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.4 101.0
 174 116.4 91.5 137.3





#47

Bromodichloromethane

Concen: 49.549 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

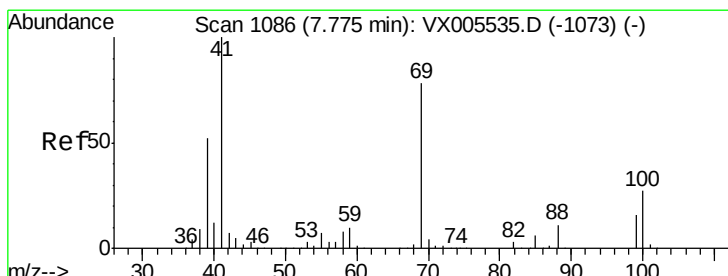
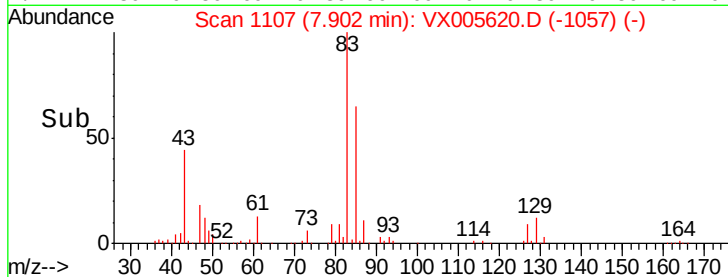
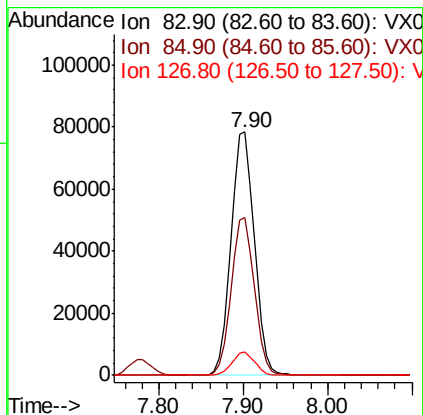
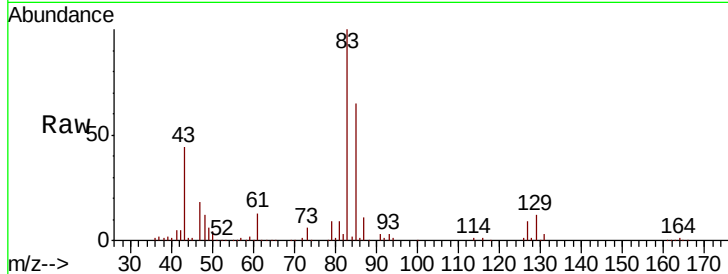
ClientSampleId :

MW-15MS

Tot Ion:	83	Resp:	147579
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.2	75.4
127	9.5	6.9	10.3

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10/29/2018 12:43:30 PM



#48

Methyl methacrylate

Concen: 52.419 ug/l

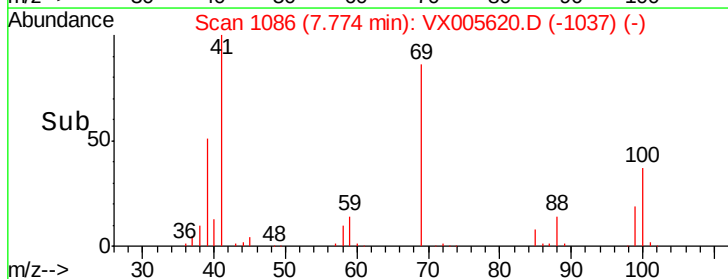
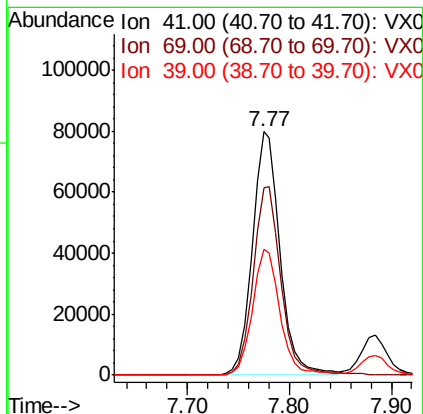
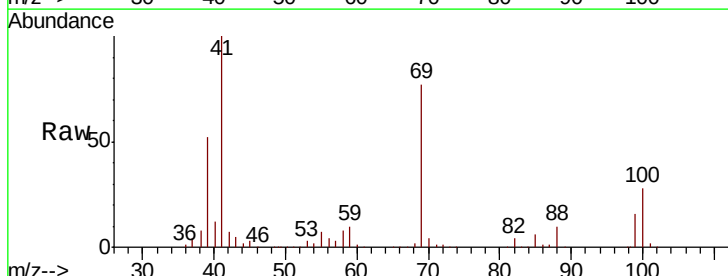
RT: 7.77 min Scan# 1086

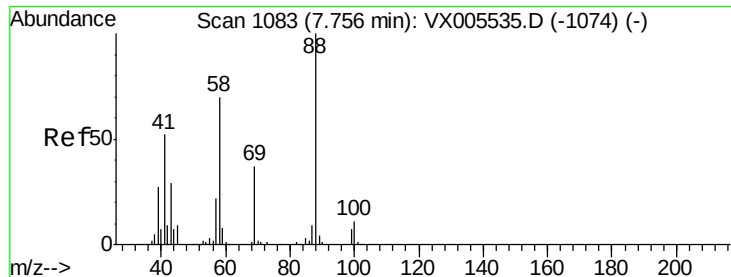
Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion:	41	Resp:	150546
Ion	Ratio	Lower	Upper
41	100		
69	78.8	63.2	94.8
39	51.3	42.2	63.2





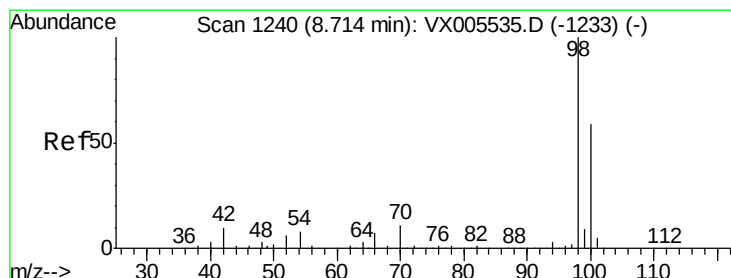
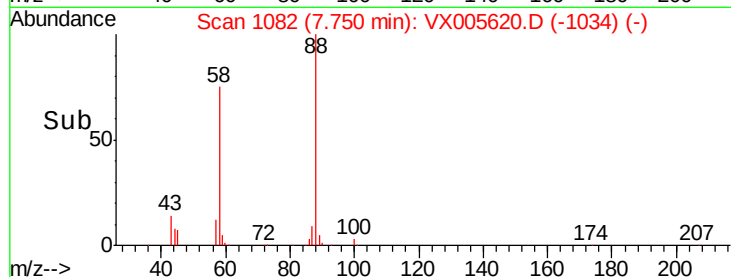
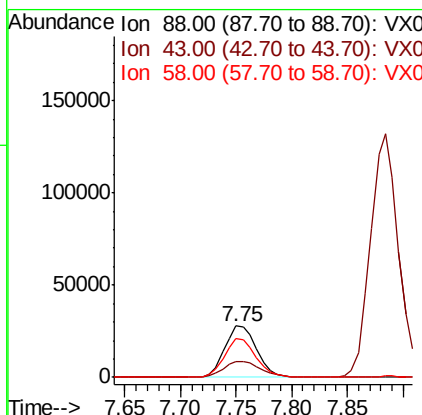
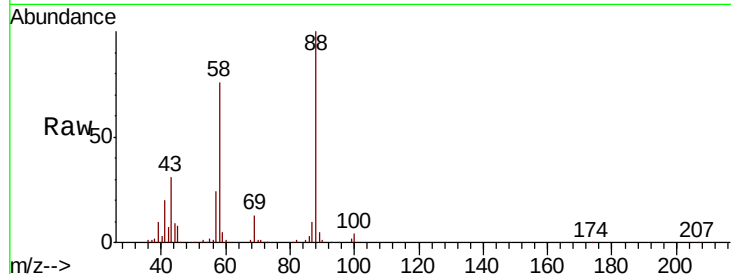
#49
1,4-Dioxane
Concen: 886.641 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.4	41.0
58	75.7	59.4	89.2

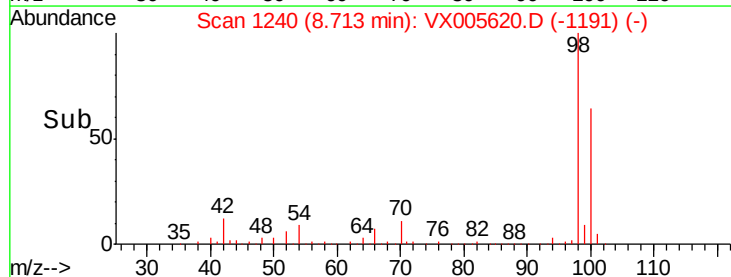
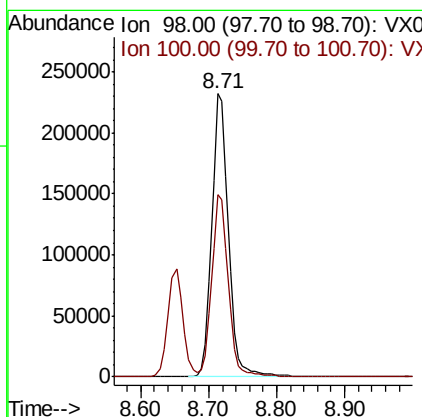
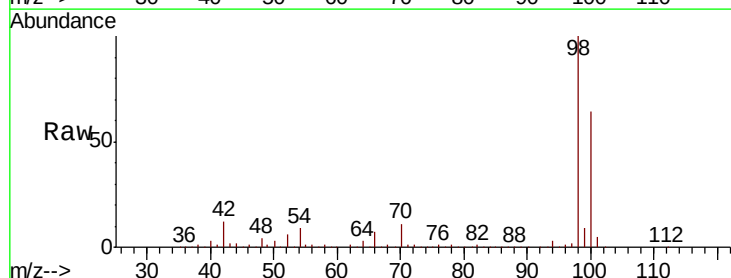
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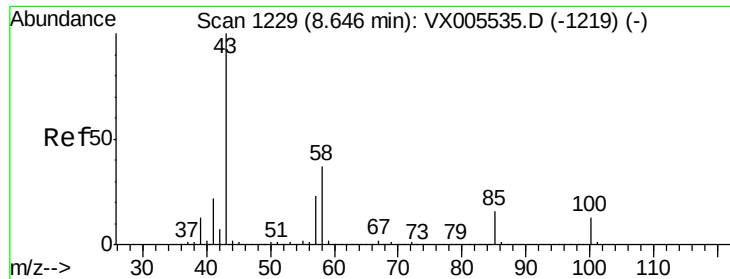
MMDadoda
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#50
Toluene-d8
Concen: 50.731 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 253.139 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 43 Resp: 1002949

Ion Ratio Lower Upper

43 100

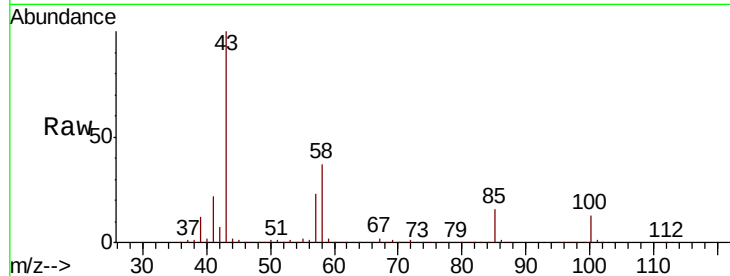
58 37.6 29.7 44.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

400000

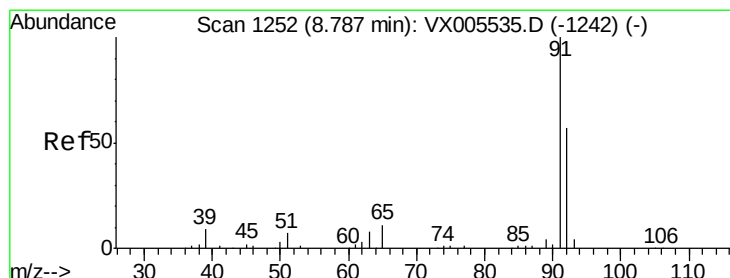
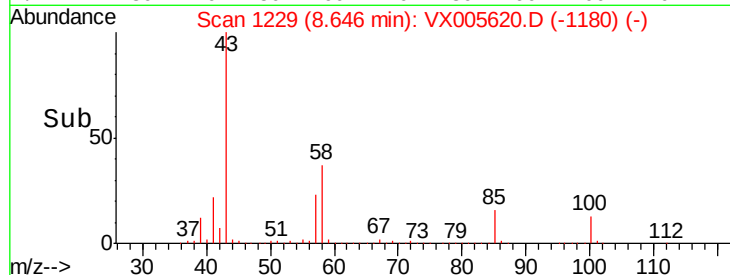
200000

0

8.65

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 51.139 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005620.D

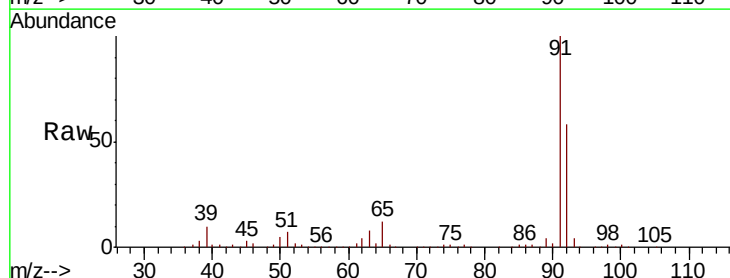
Acq: 26 Oct 2018 22:02

Tgt Ion: 92 Resp: 274671

Ion Ratio Lower Upper

92 100

91 175.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

200000

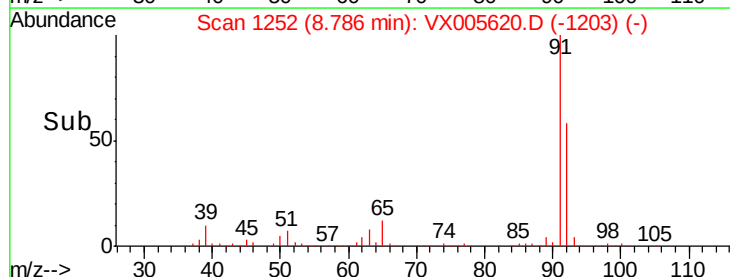
100000

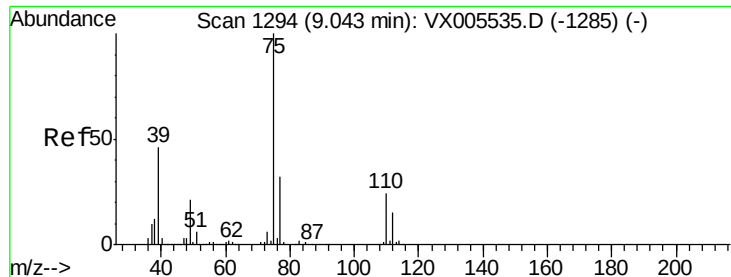
0

8.79

8.70 8.80 8.90

Time-->





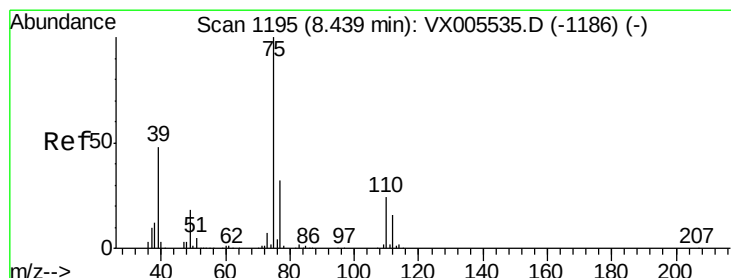
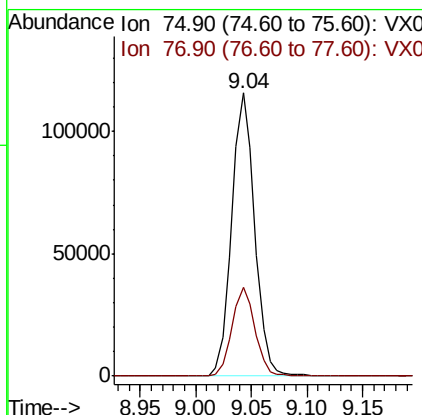
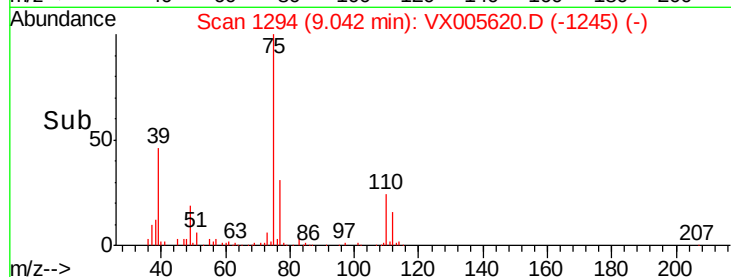
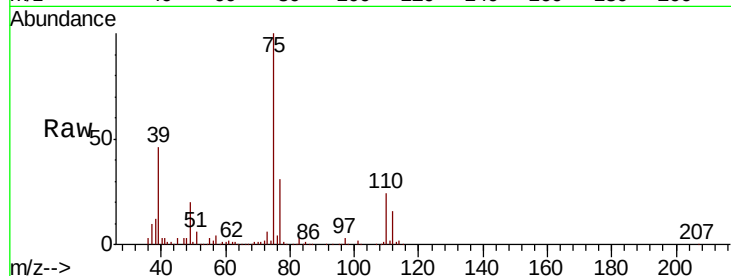
#53
 t-1,3-Dichloropropene
 Concen: 51.454 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2

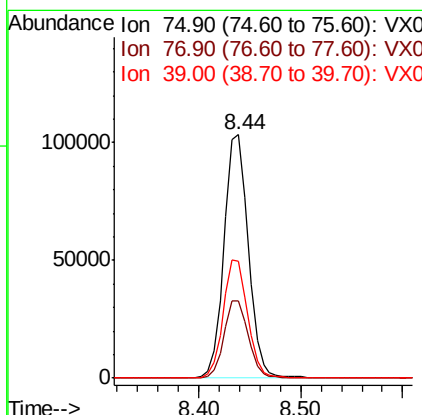
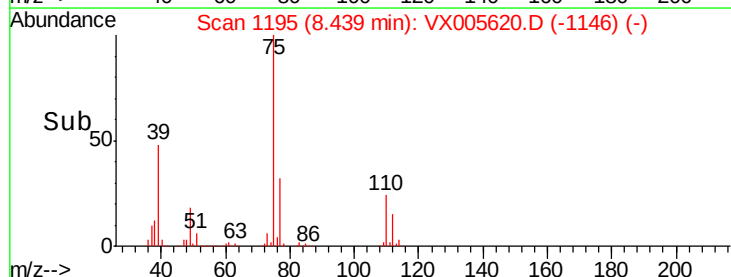
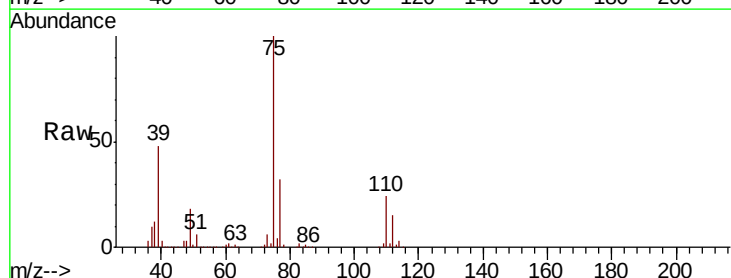
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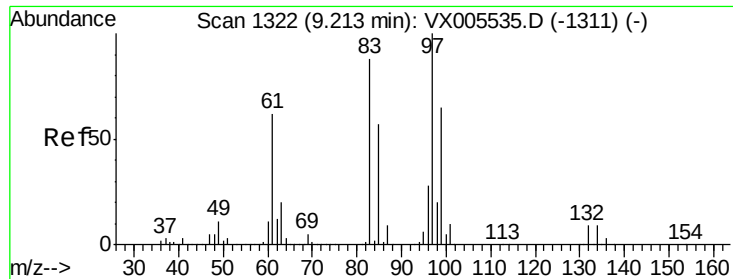
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 49.366 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	47.7	38.2	57.2





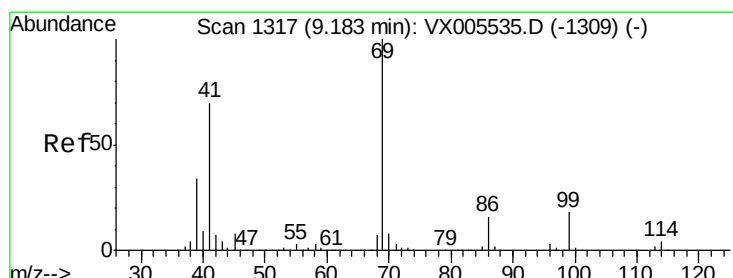
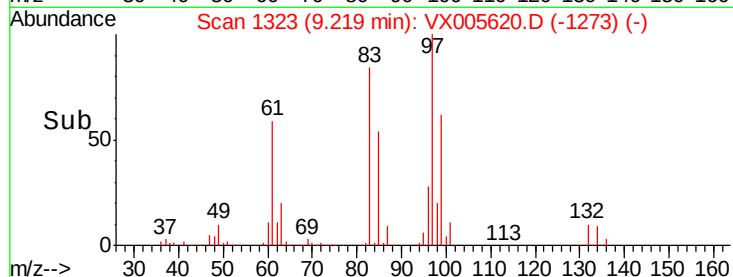
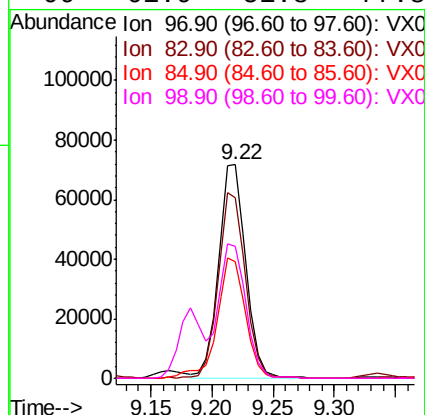
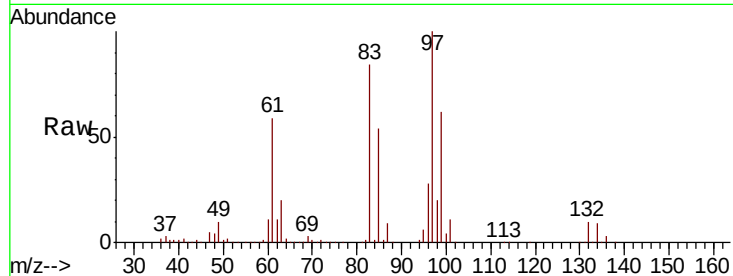
#55
 1,1,2-Trichloroethane
 Concen: 49.014 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion:	97	Resp:	110991
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.7	106.1
85	54.2	45.8	68.6
99	61.9	51.8	77.8

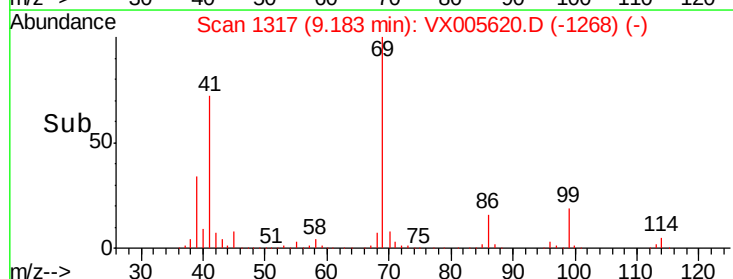
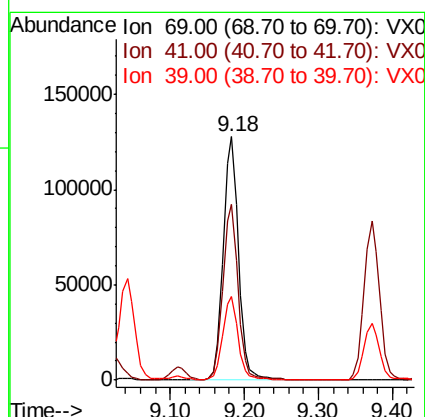
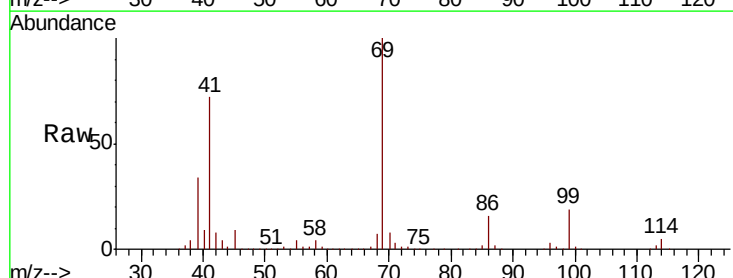
Manual Integrations
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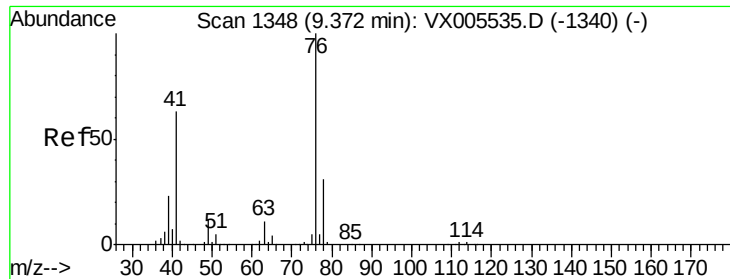
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 54.085 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion:	69	Resp:	182682
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.0	85.6
39	34.7	28.3	42.5





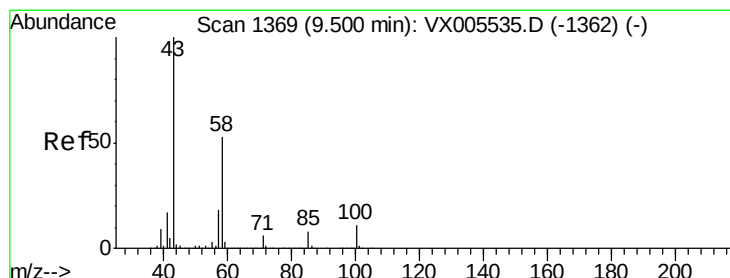
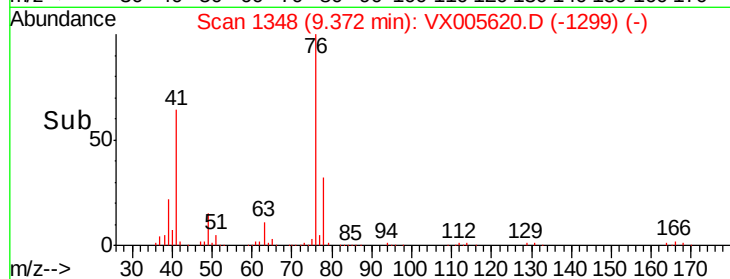
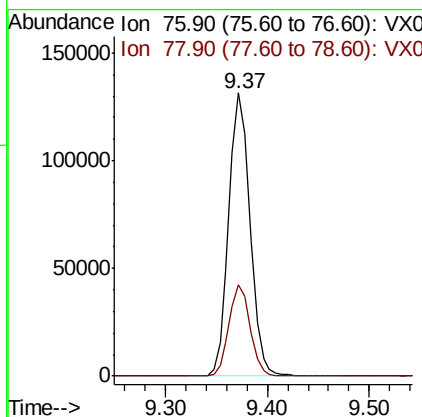
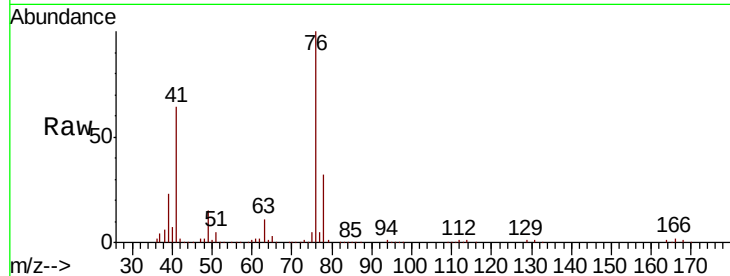
#57
 1,3-Dichloropropane
 Concen: 49.521 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.3	37.9

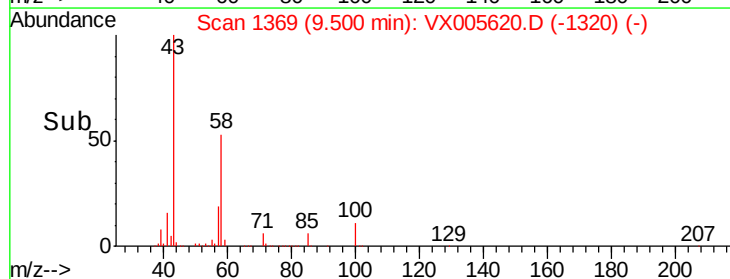
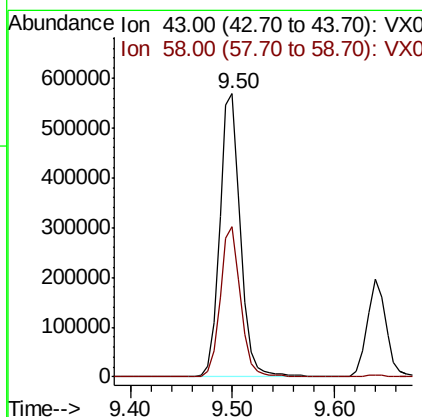
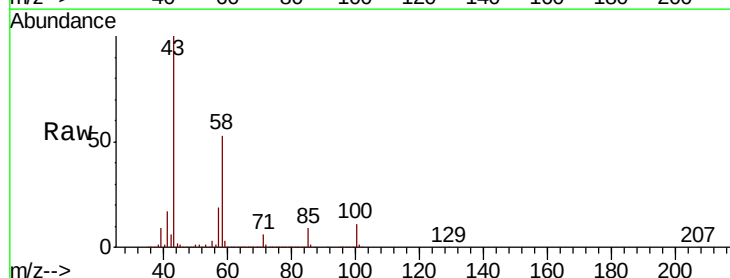
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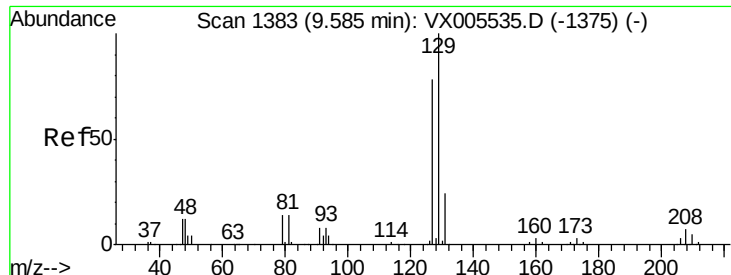
MMDadoda
 10/29/2018 12:43:30 PM



#59
 2-Hexanone
 Concen: 257.268 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.5	25.9	77.8





#60

Dibromochloromethane

Concen: 51.060 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion:129 Resp: 120637

Ion Ratio Lower Upper

129 100

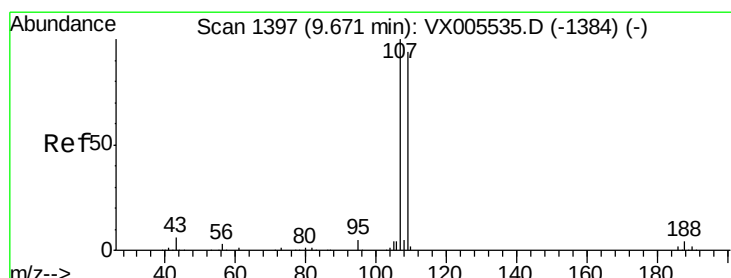
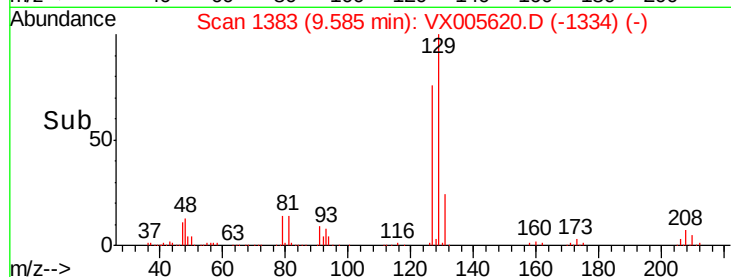
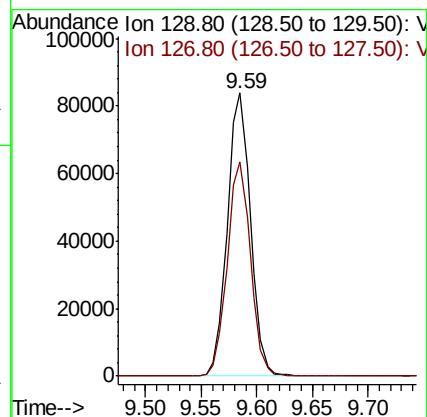
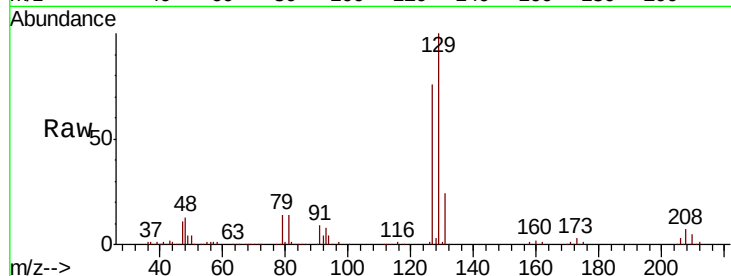
127 76.0 38.9 116.7

Manual Integrations

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MMDadoda

10/29/2018 12:43:30 PM



#61

1,2-Dibromoethane

Concen: 50.619 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005620.D

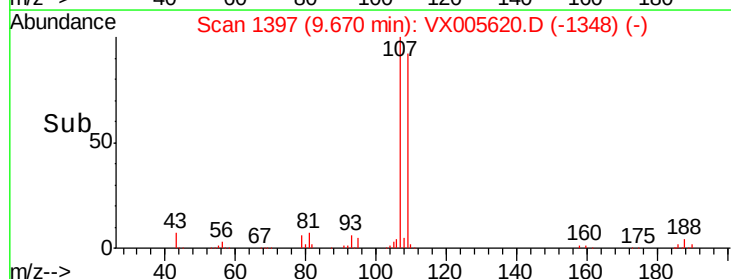
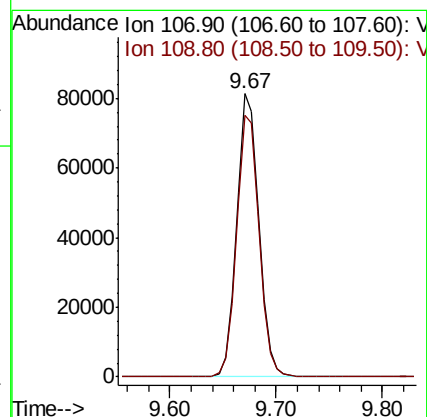
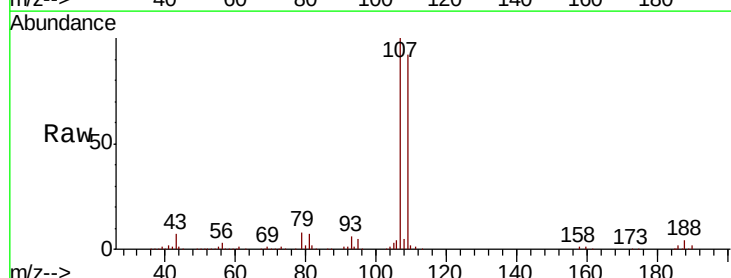
Acq: 26 Oct 2018 22:02

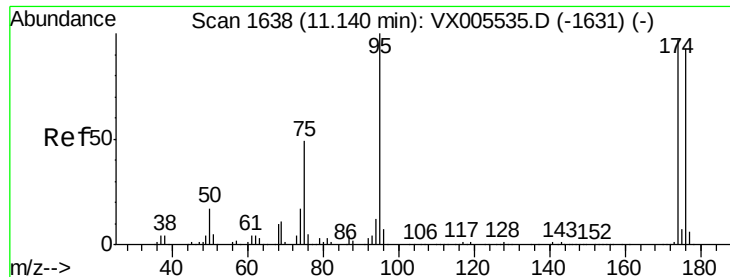
Tgt Ion:107 Resp: 118586

Ion Ratio Lower Upper

107 100

109 94.3 75.7 113.5





#62

4-Bromofluorobenzene

Concen: 50.762 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

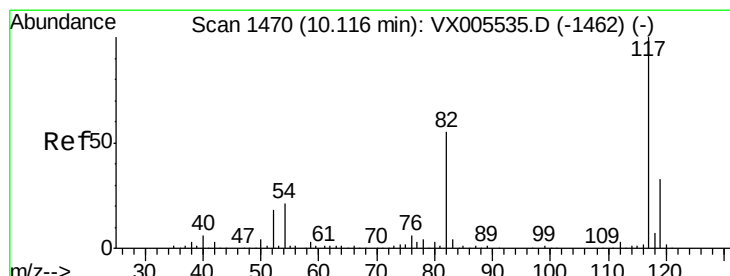
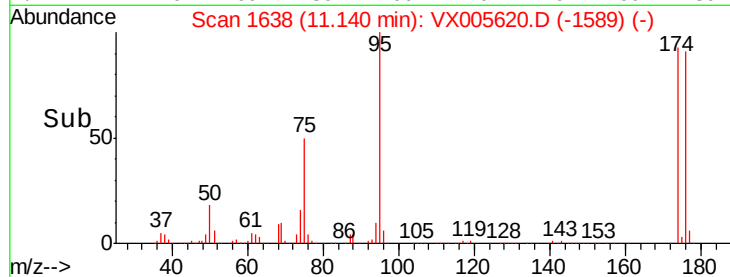
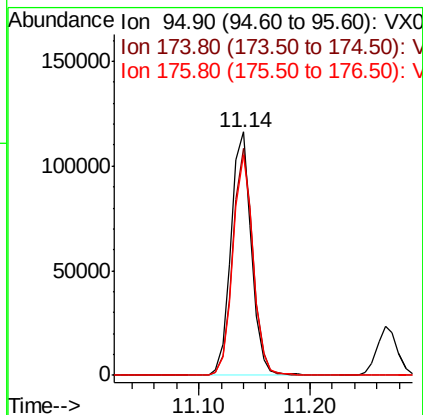
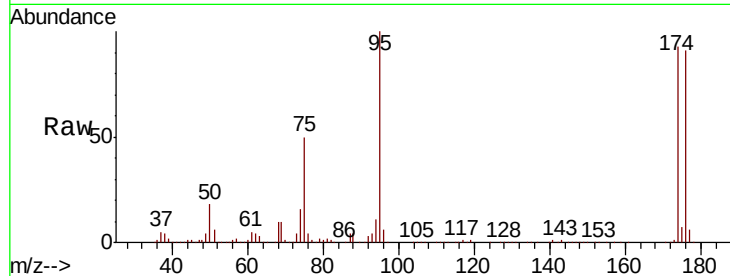
ClientSampleId :

MW-15MS

Tot Ion:	95	Resp:	148171
Ion Ratio	Lower	Upper	
95	100		
174	91.8	0.0	184.4
176	89.2	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

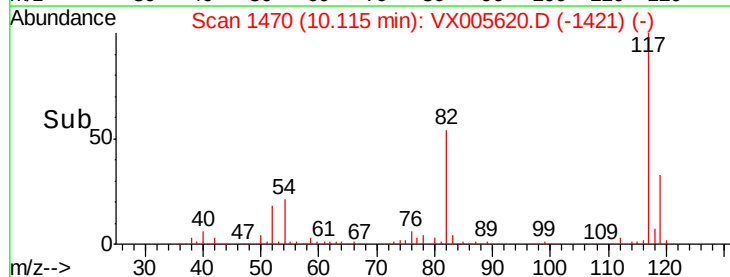
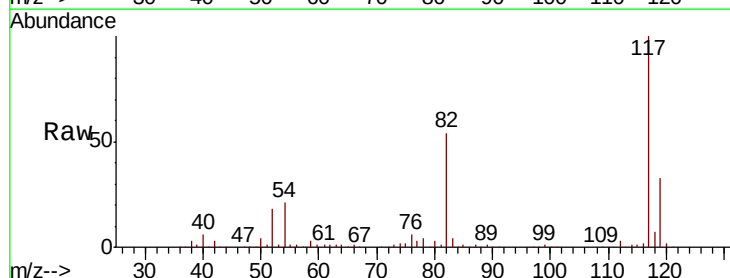
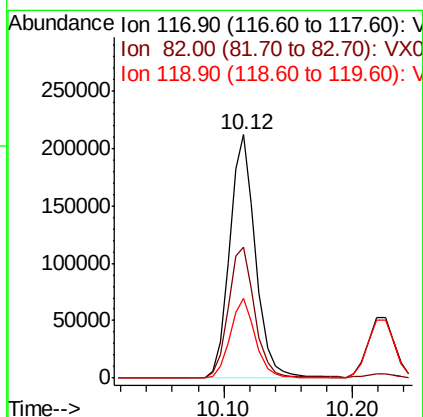
RT: 10.12 min Scan# 1470

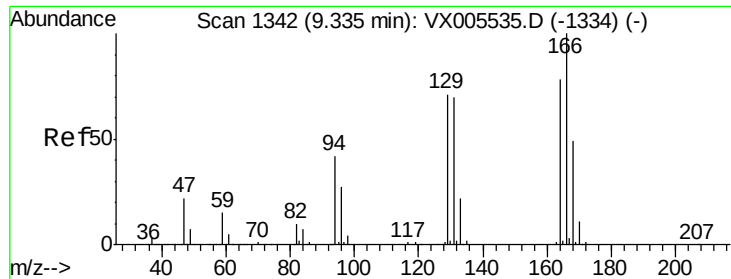
Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion:	117	Resp:	296568
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.1	66.1
119	33.0	26.2	39.2





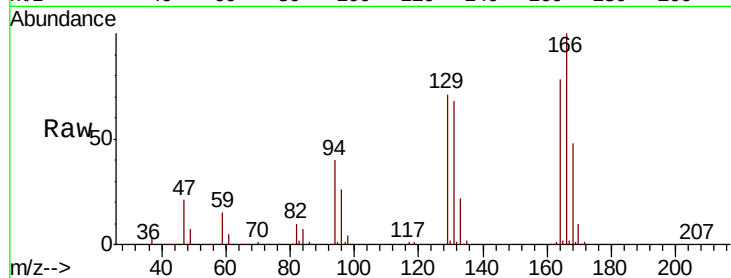
#64
Tetrachloroethene
Concen: 43.461 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.9	152.9
129	90.9	72.6	109.0
131	87.9	71.1	106.7

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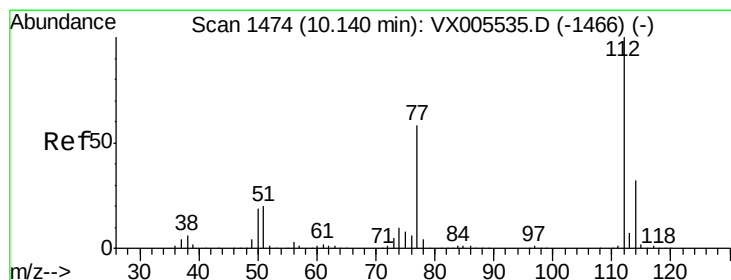
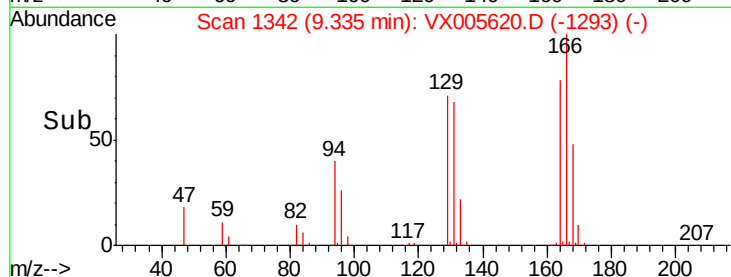
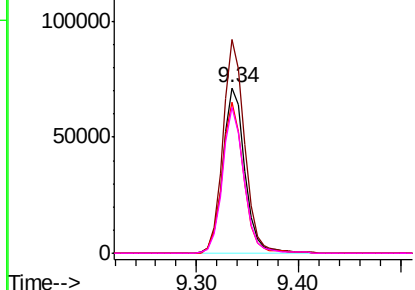
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

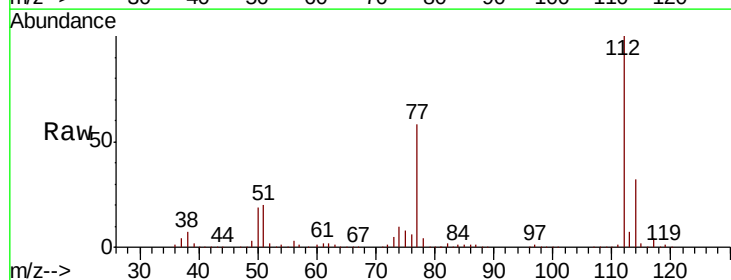
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 48.821 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

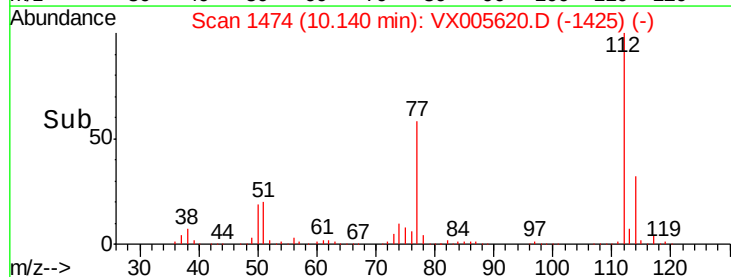
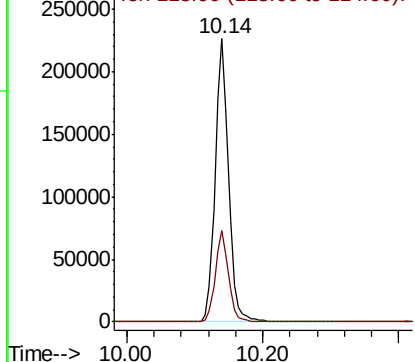
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

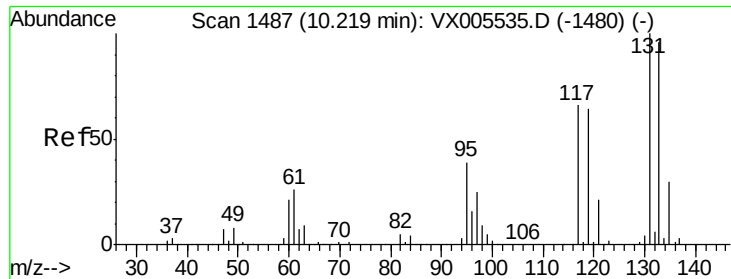


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





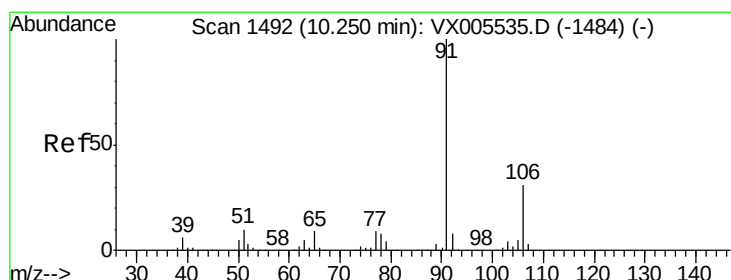
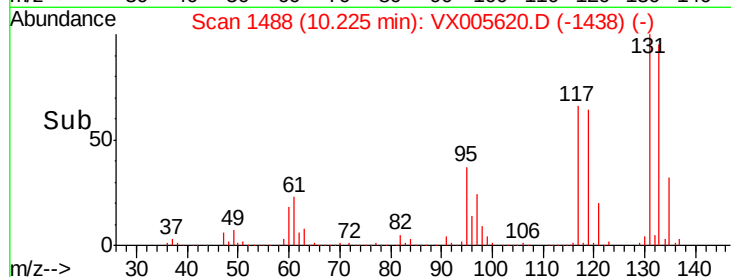
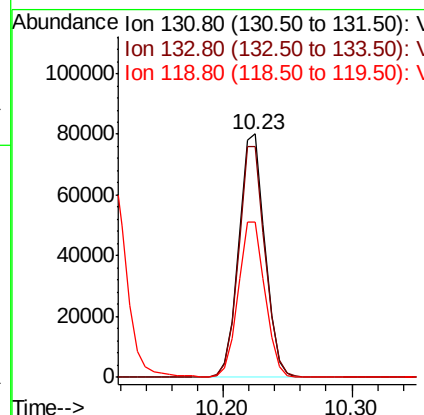
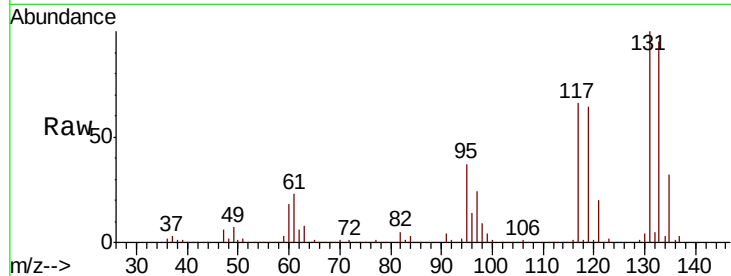
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.019 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.5	142.5
119	65.4	31.8	95.3

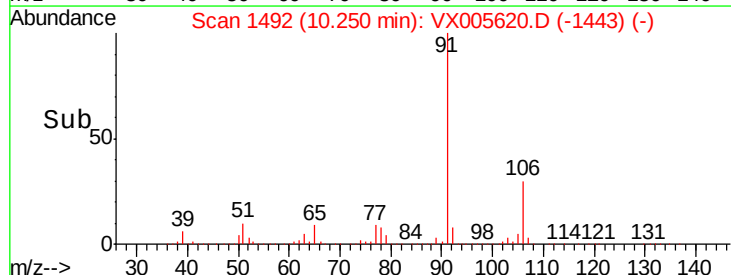
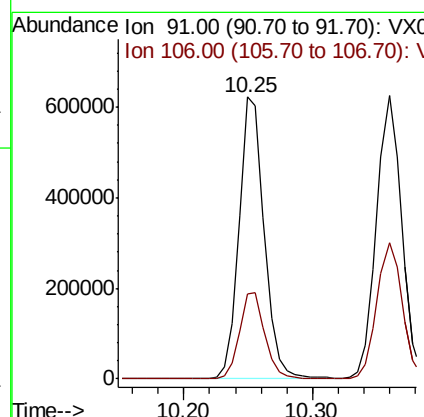
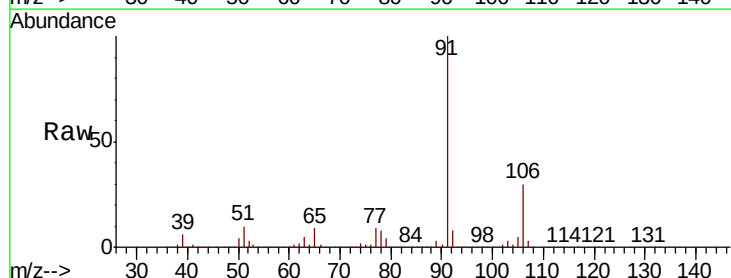
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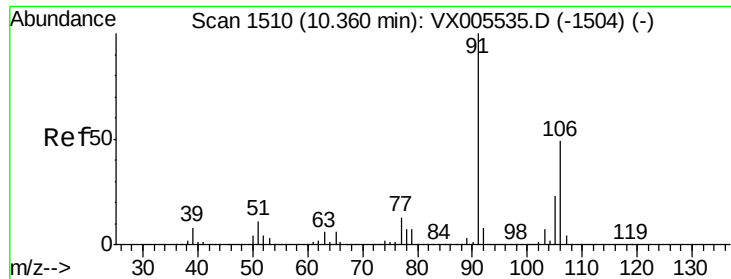
MMDadoda
 10/29/2018 12:43:30 PM



#67
 Ethyl Benzene
 Concen: 82.048 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6





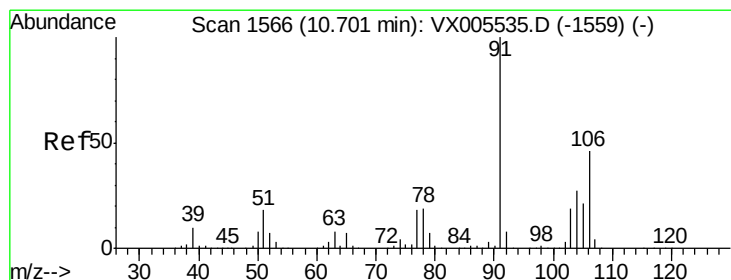
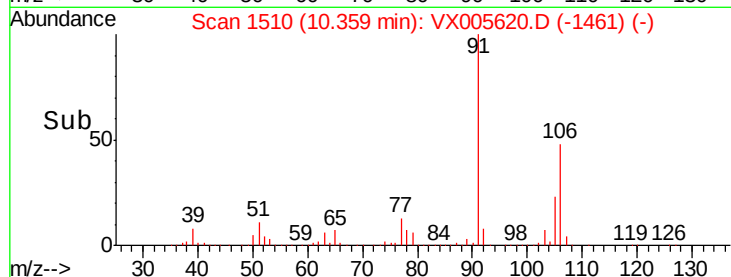
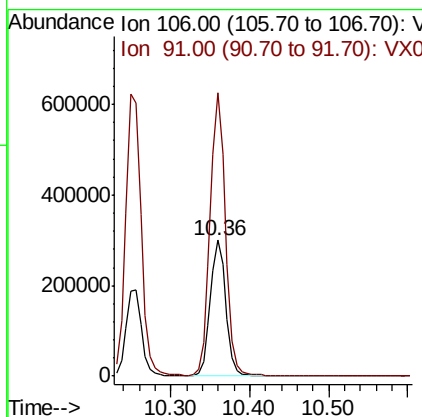
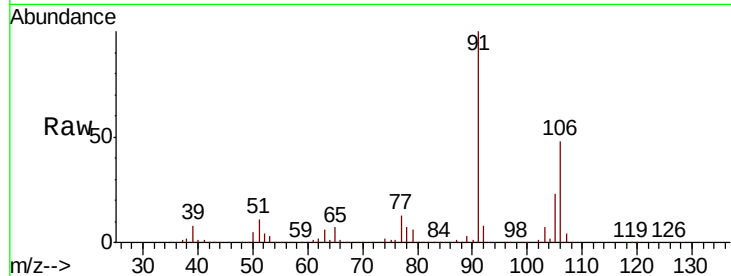
#68
m/p-Xylenes
Concen: 102.419 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampled :
MW-15MS

Tot Ion:106 Resp: 412869
Ion Ratio Lower Upper
106 100
91 205.7 164.2 246.4

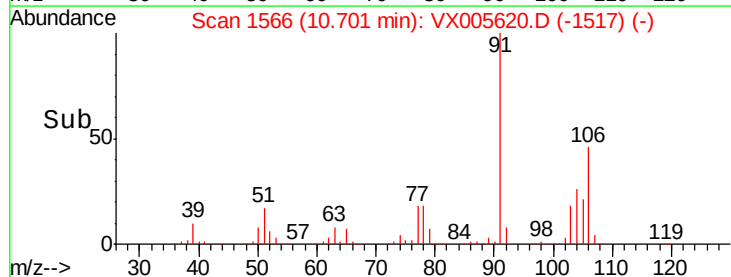
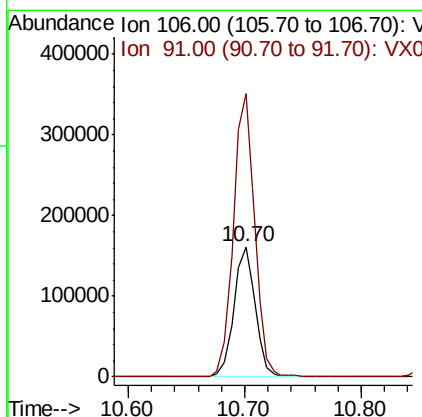
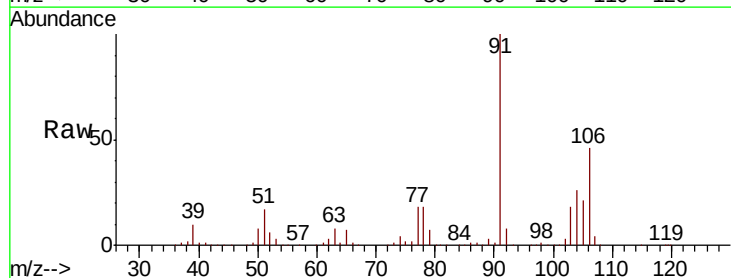
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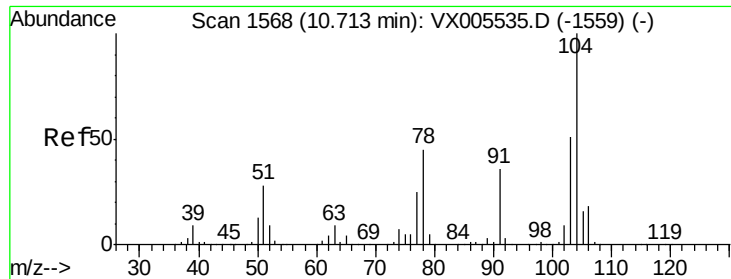
MMDadoda
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#69
o-Xylene
Concen: 54.217 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion:106 Resp: 205624
Ion Ratio Lower Upper
106 100
91 218.2 108.5 325.5





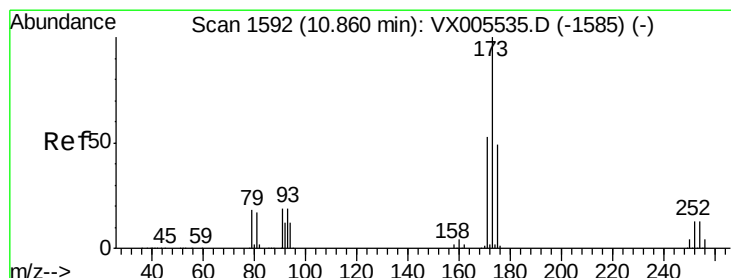
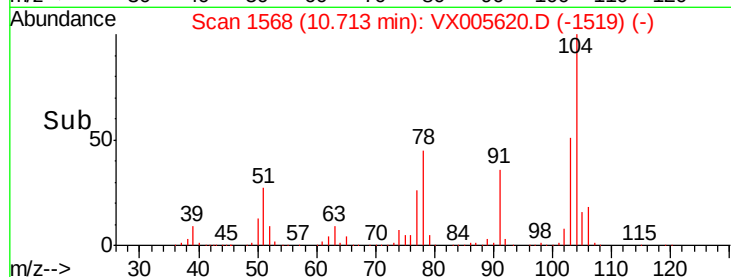
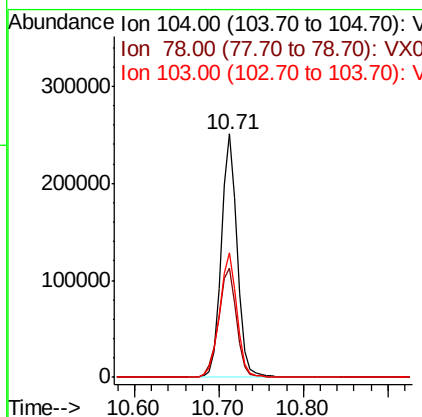
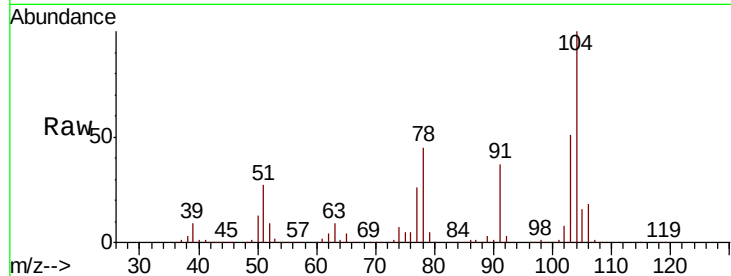
#70
Stvrene
Concen: 51.692 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.0	40.2	60.4
103	56.0	44.9	67.3

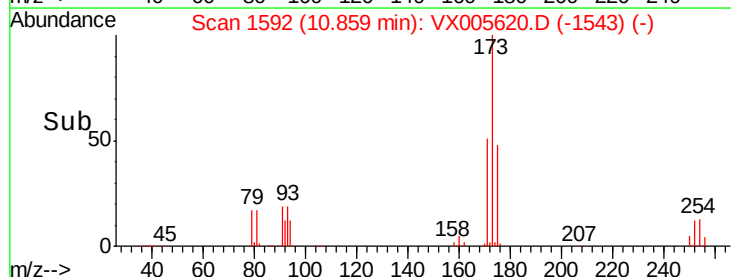
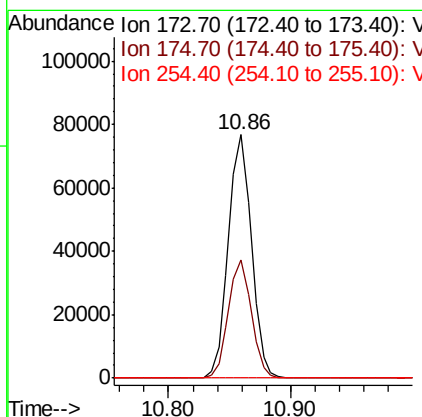
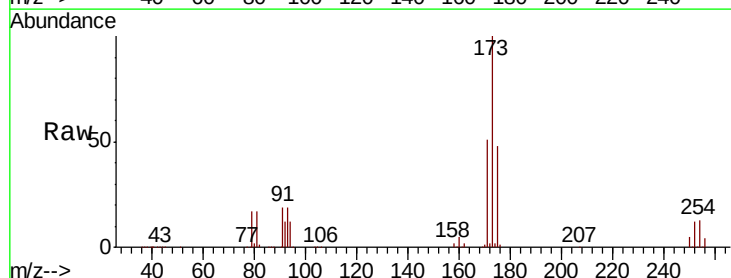
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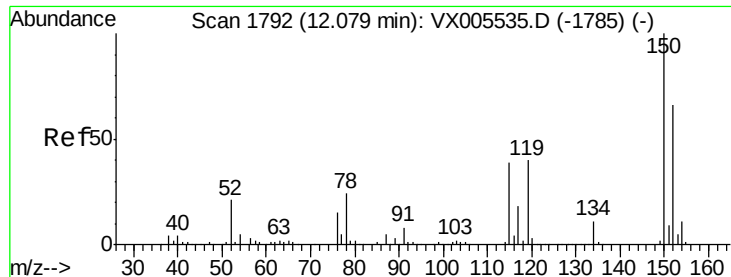
MMDadoda
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#71
Bromoform
Concen: 48.943 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.8	74.3
254	0.2	0.2	0.2





#72

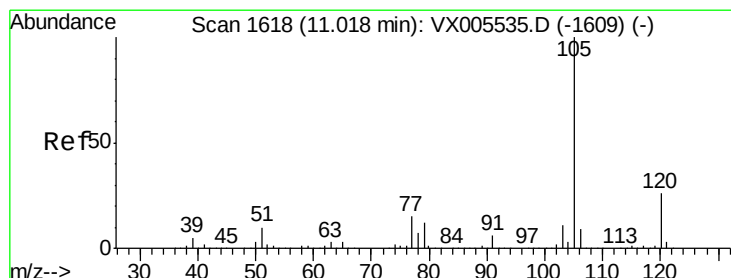
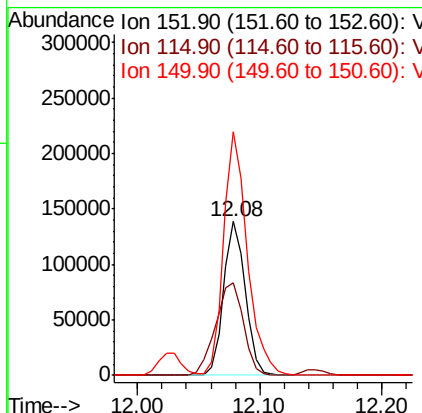
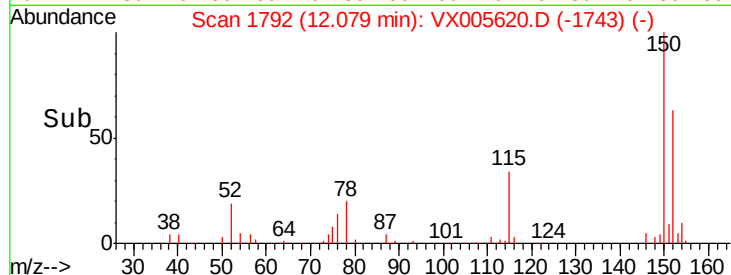
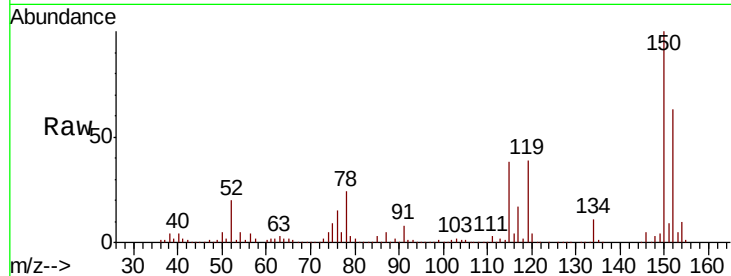
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	169155		
115	78.1	39.4	118.1	
150	174.2	0.0	346.4	

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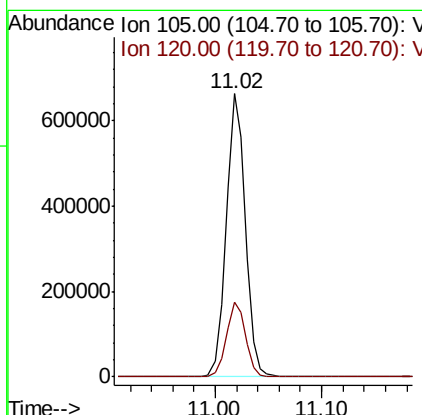
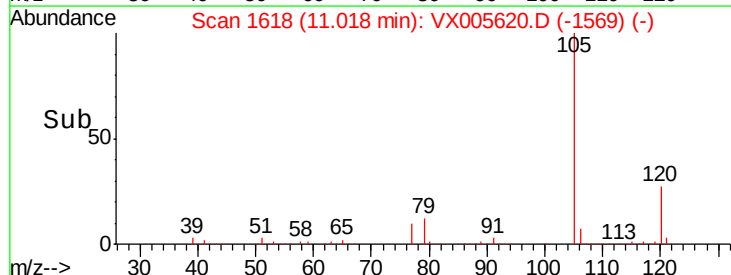
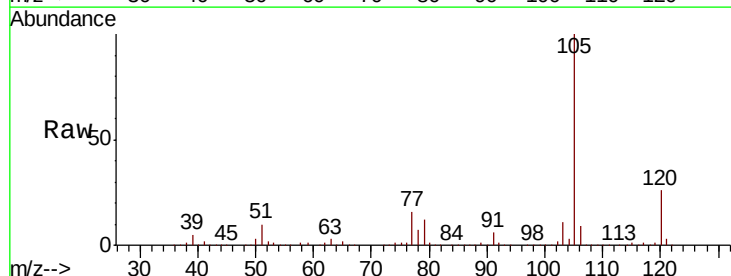
MMDadoda
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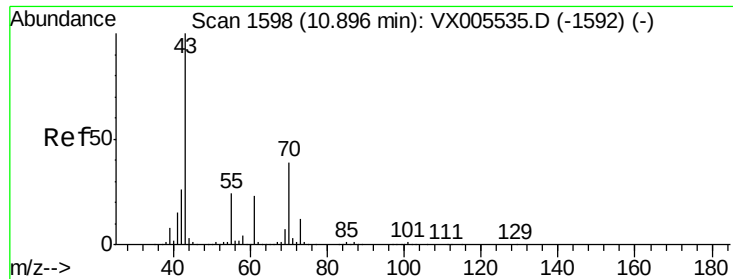


#73

Isopropylbenzene
Concen: 80.554 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	832944		
120	26.5	13.1	39.3	





#74

N-amvl acetate

Concen: 48.815 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

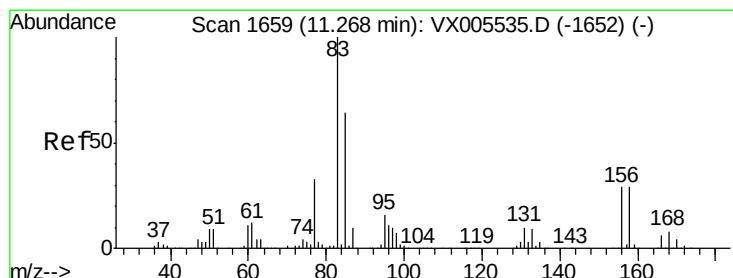
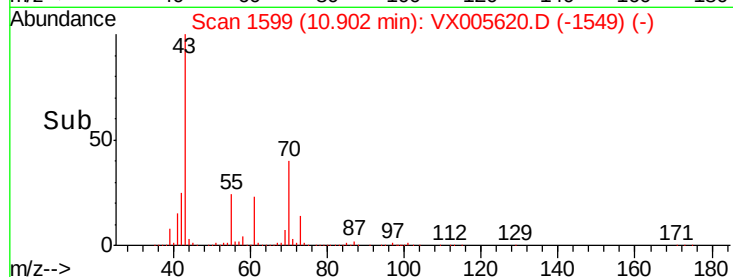
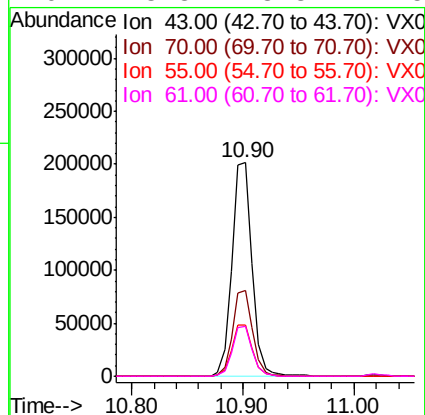
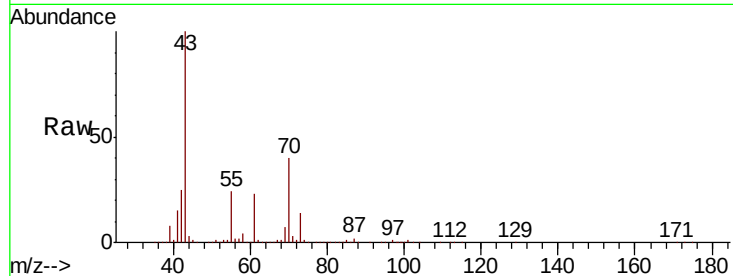
ClientSampleId :

MW-15MS

Tot Ion	43	Resp	250108
Ion Ratio	Lower	Upper	
43	100		
70	39.8	31.6	47.4
55	24.7	19.7	29.5
61	23.3	18.3	27.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.890 ug/l

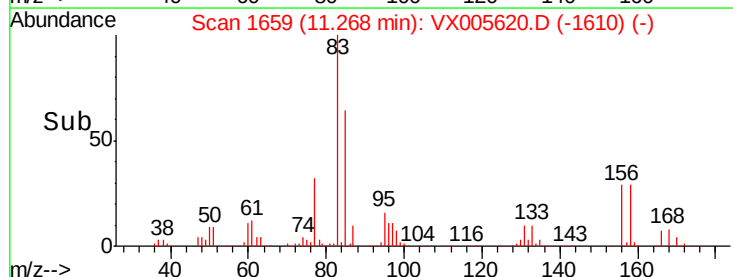
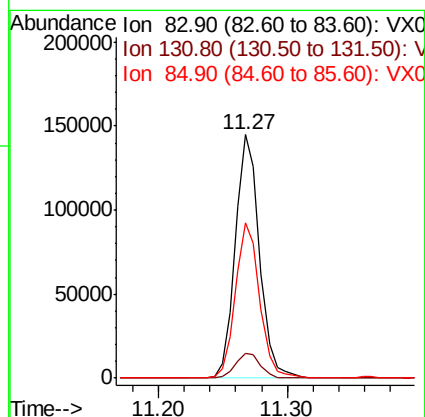
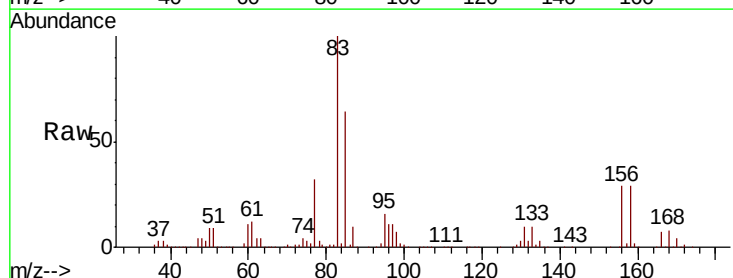
RT: 11.27 min Scan# 1659

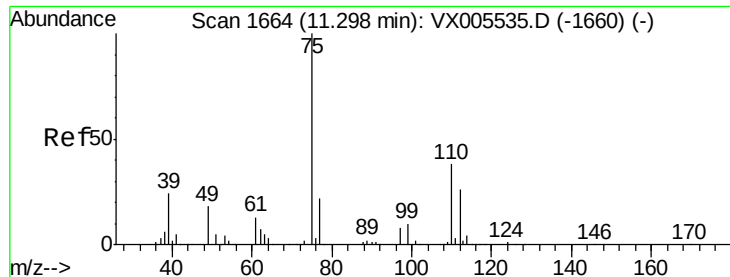
Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion	83	Resp	190321
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.9
85	63.9	32.0	96.2





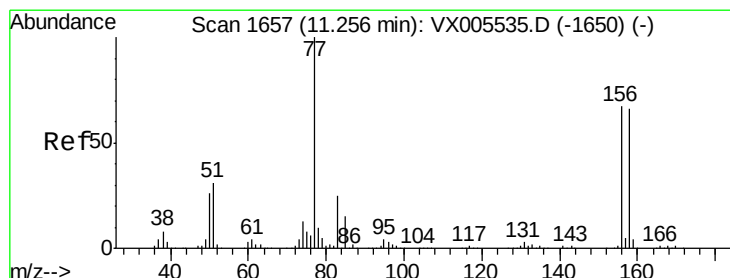
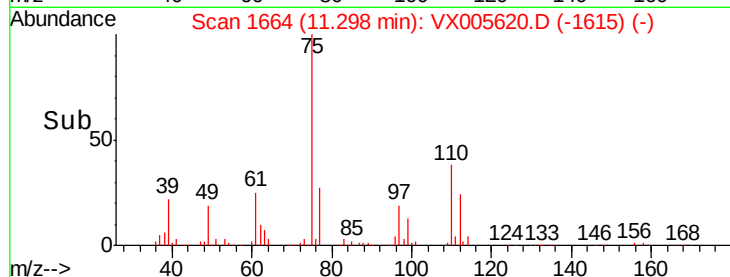
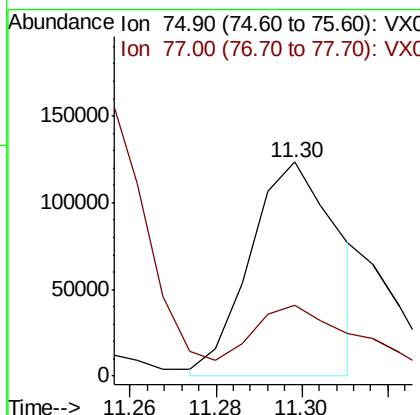
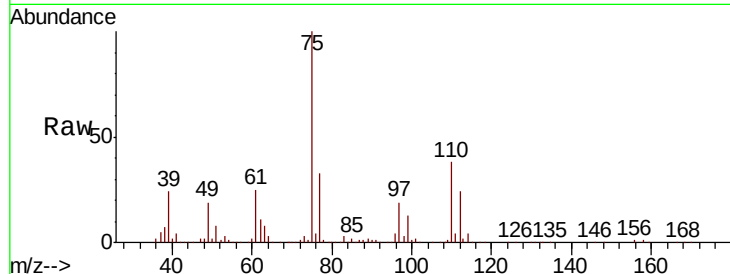
#76
1,2,3-Trichloropropane
Concen: 48.444 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion: 75 Resp: 173623
Ion Ratio Lower Upper
75 100
77 40.6 20.5 61.6

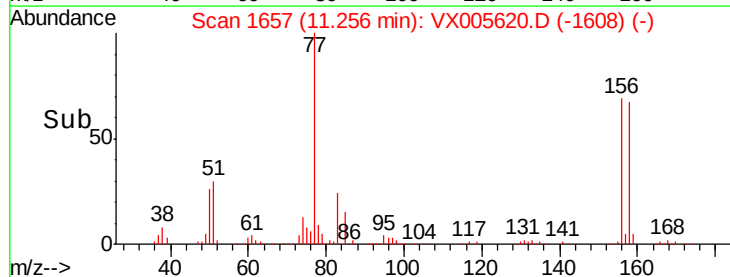
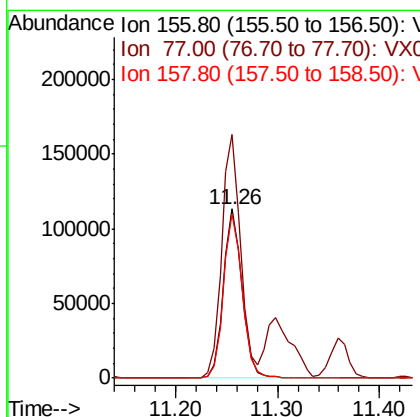
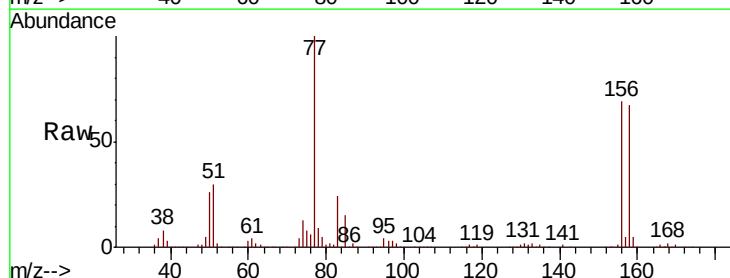
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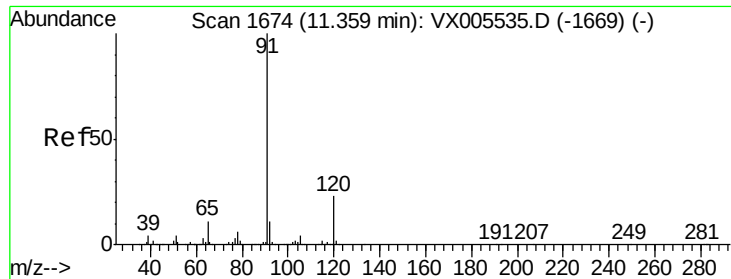
MMDadoda
10/29/2018 12:43:30 PM



#77
Bromobenzene
Concen: 50.188 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 156 Resp: 144627
Ion Ratio Lower Upper
156 100
77 145.6 74.8 224.4
158 97.6 49.1 147.3





#78

n-propylbenzene

Concen: 70.218 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 91 Resp: 830222

Ion Ratio Lower Upper

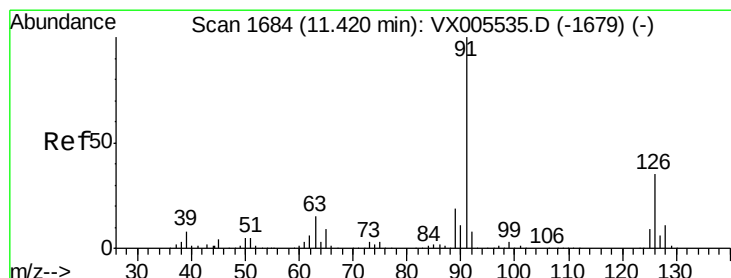
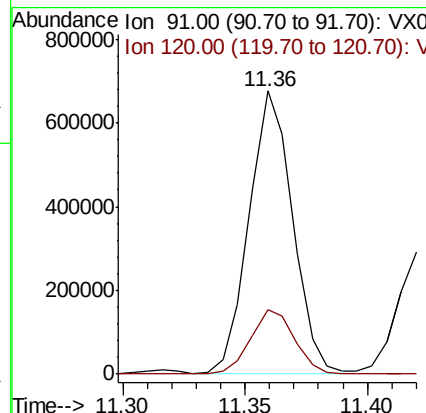
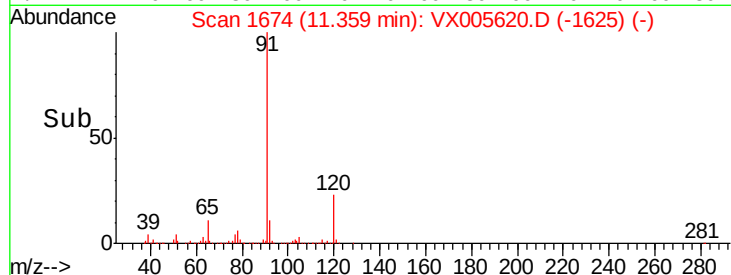
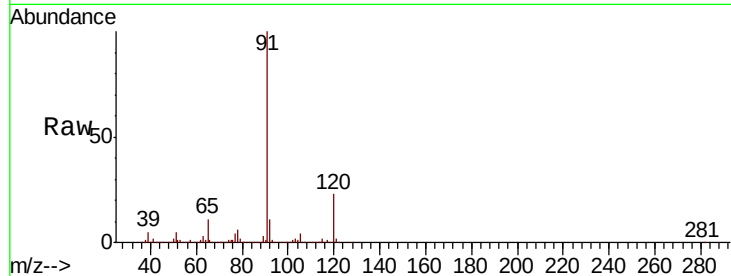
91 100

120 23.4 11.9 35.5

Manual Integrations
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#79

2-Chlorotoluene

Concen: 50.494 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005620.D

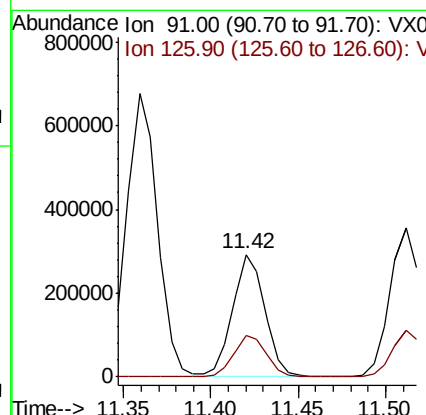
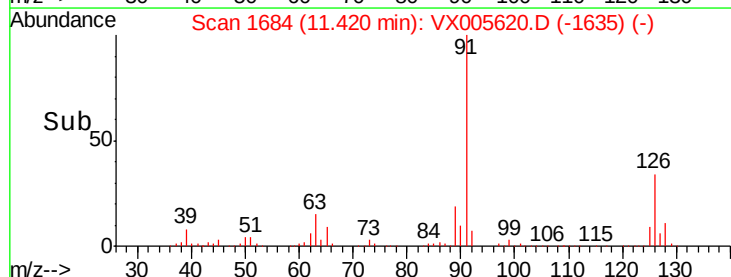
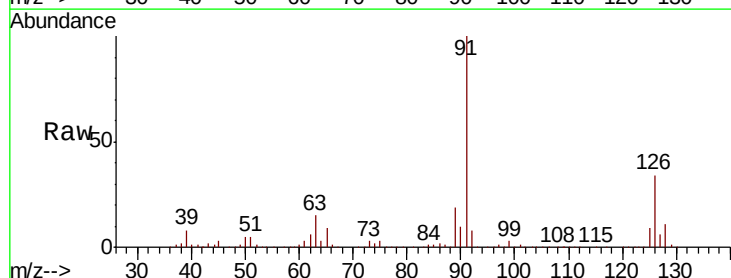
Acq: 26 Oct 2018 22:02

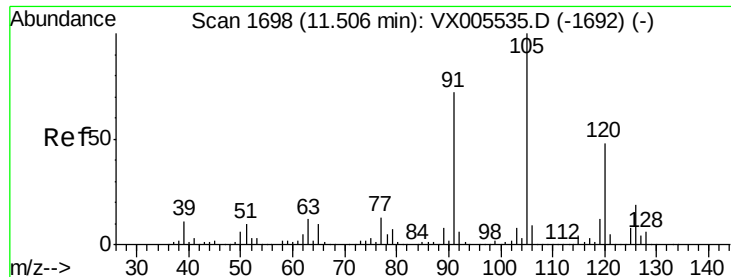
Tgt Ion: 91 Resp: 370170

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 52.559 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion:105 Resp: 464912

Ion Ratio Lower Upper

105 100

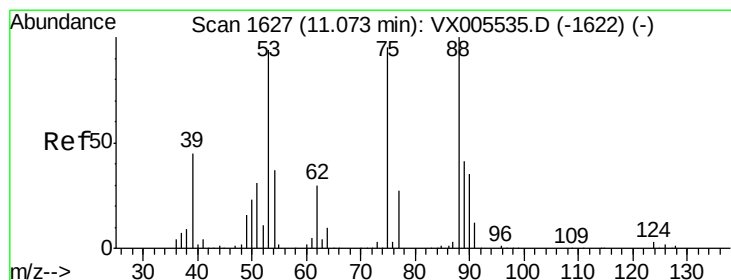
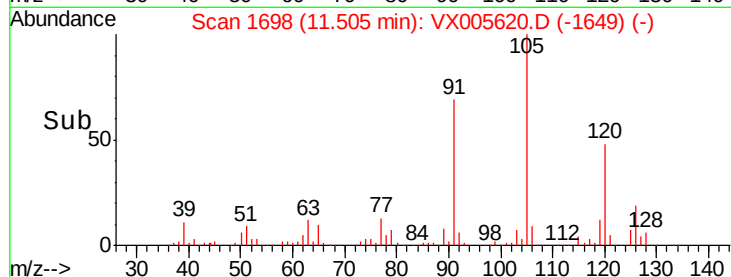
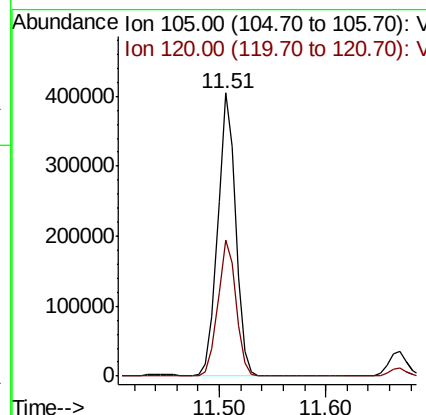
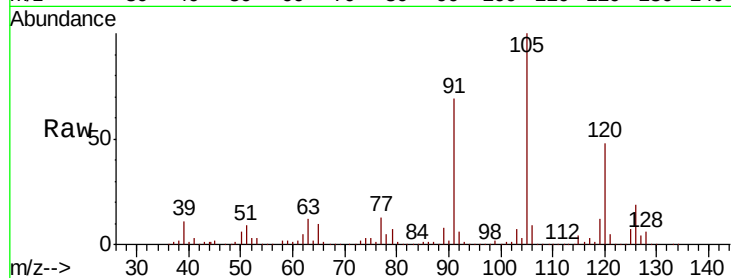
120 48.7 24.1 72.2

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#81

trans-1,4-Dichloro-2-butene

Concen: 47.575 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

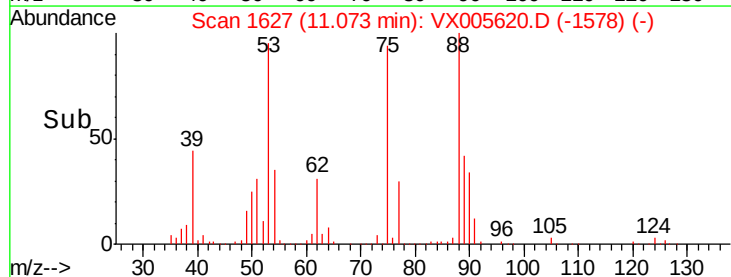
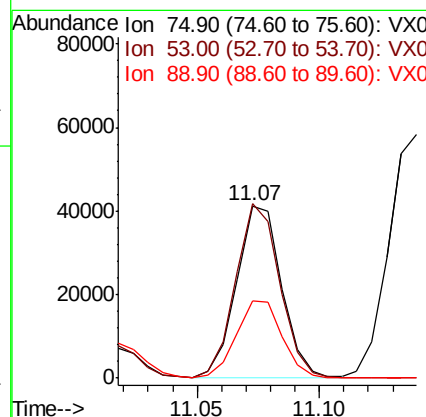
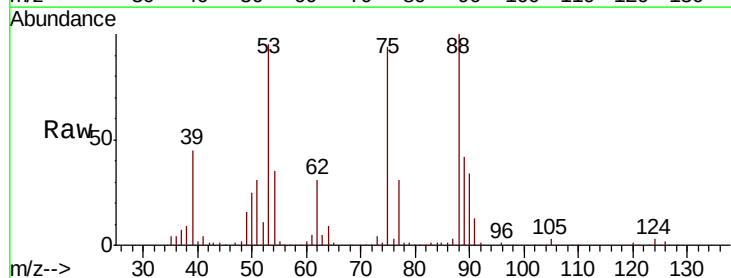
Tgt Ion: 75 Resp: 52183

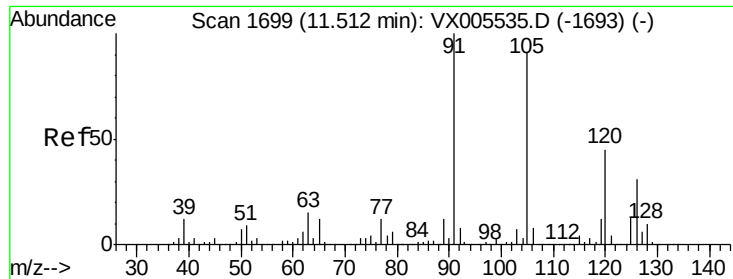
Ion Ratio Lower Upper

75 100

53 99.8 80.2 120.2

89 46.2 39.8 59.8





#82

4-Chlorotoluene

Concen: 50.889 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

Tot Ion: 91 Resp: 439907

Ion Ratio Lower Upper

91 100

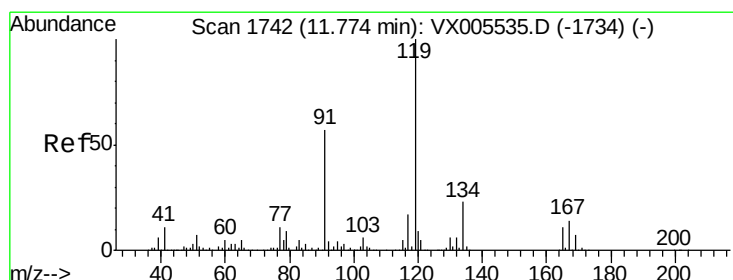
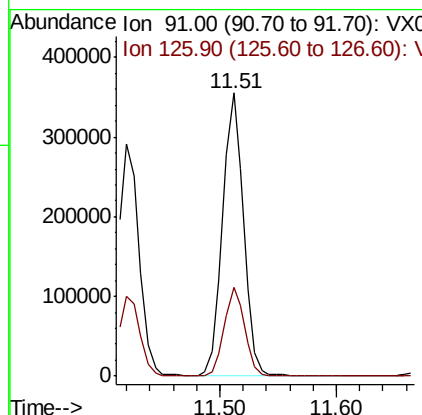
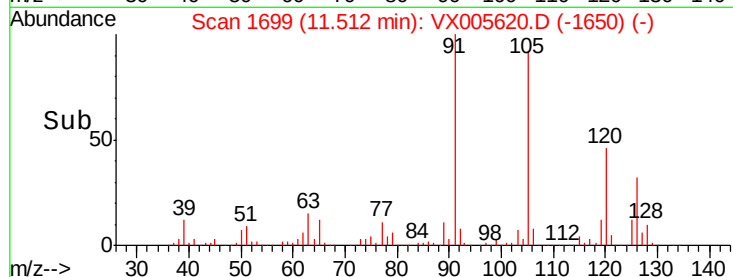
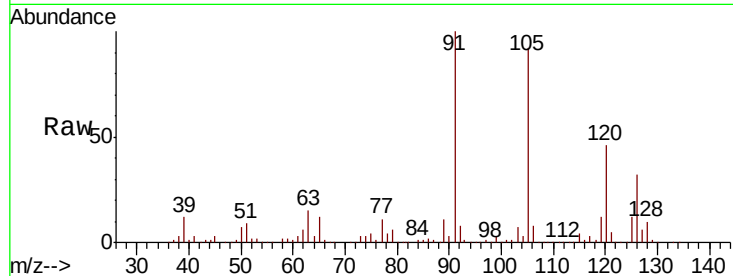
126 30.8 15.2 45.6

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#83

tert-Butylbenzene

Concen: 53.448 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

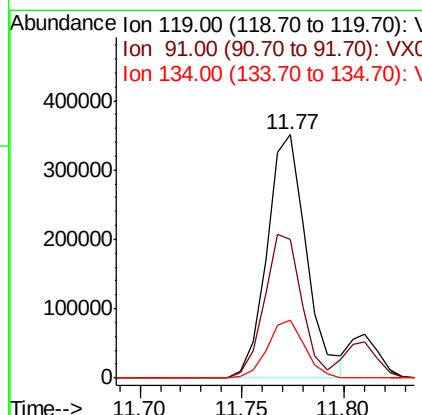
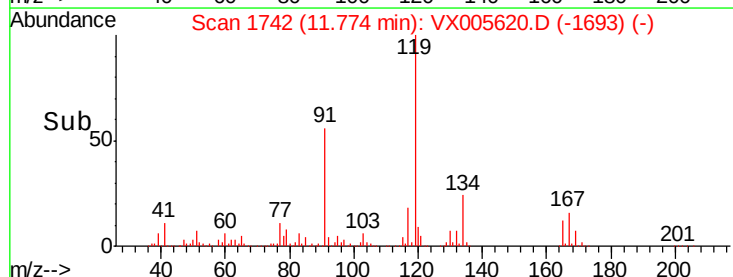
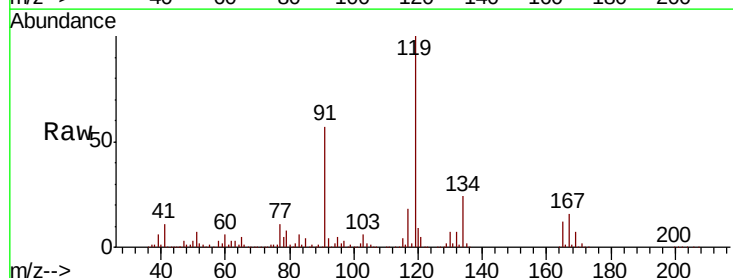
Tgt Ion: 119 Resp: 471265

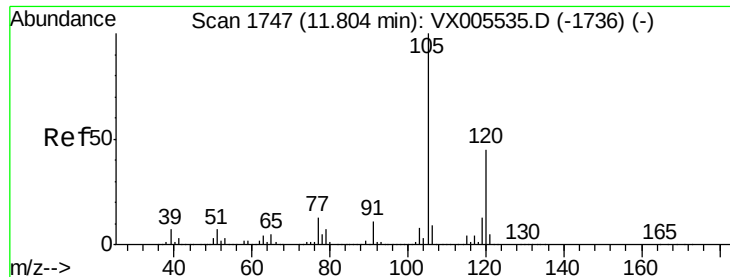
Ion Ratio Lower Upper

119 100

91 56.0 28.5 85.5

134 22.6 11.3 33.8





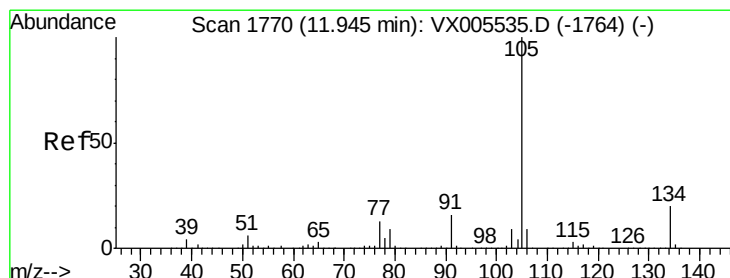
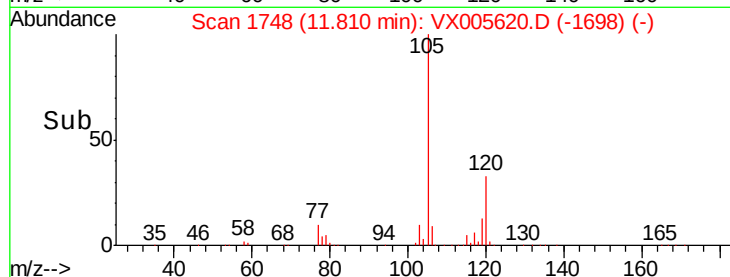
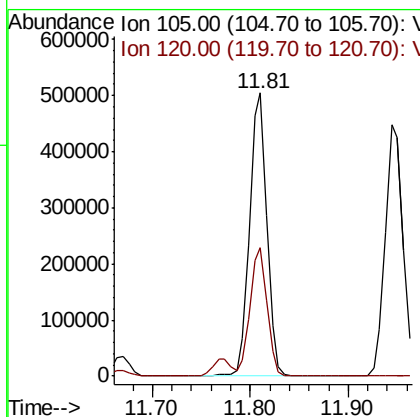
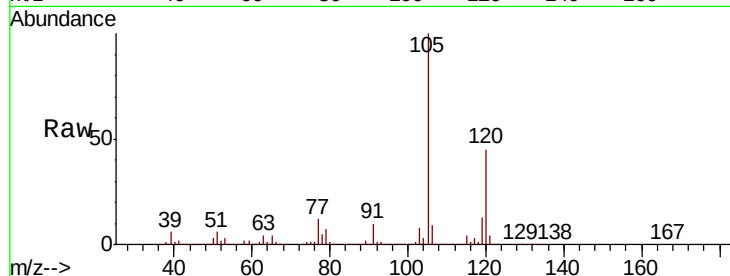
#84
 1,2,4-Trimethylbenzene
 Concen: 68.888 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion:105 Resp: 617572
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0

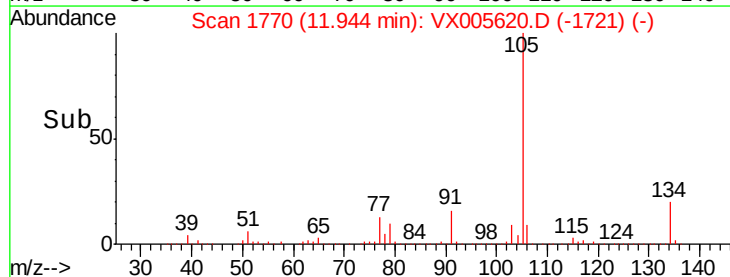
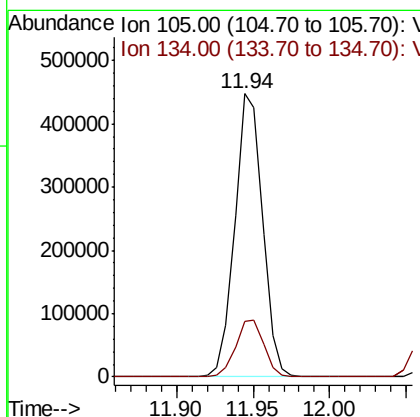
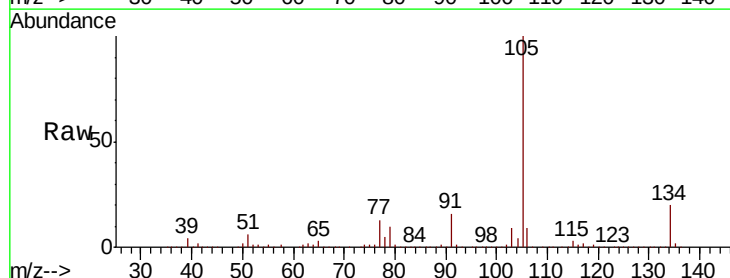
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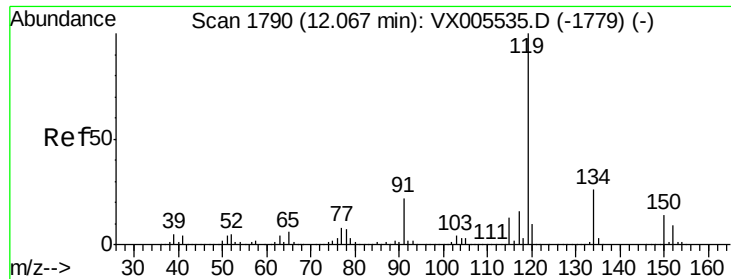
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#85
 sec-Butylbenzene
 Concen: 53.387 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion:105 Resp: 561695
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4





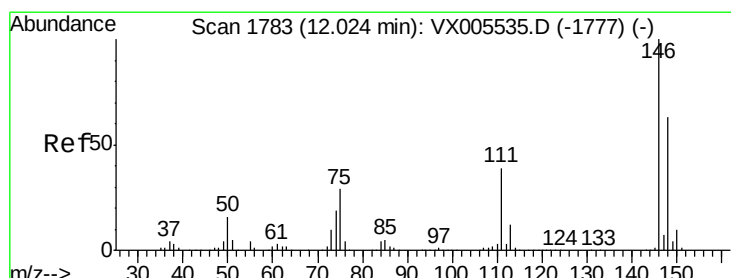
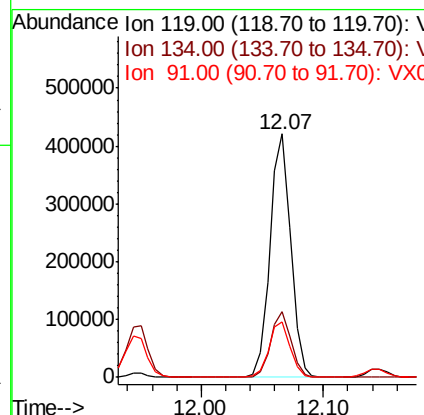
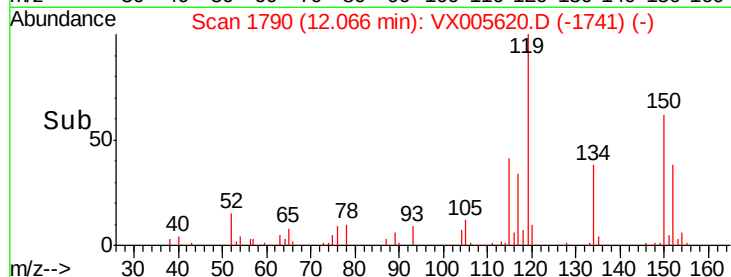
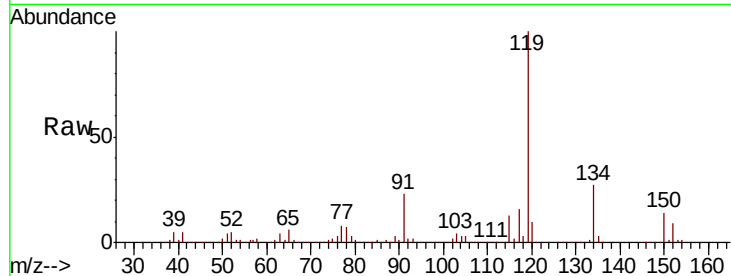
#86
 p-Isopropyltoluene
 Concen: 53.125 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampled :
 MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	499654		
134	26.5	13.0	39.0	
91	23.2	11.4	34.2	

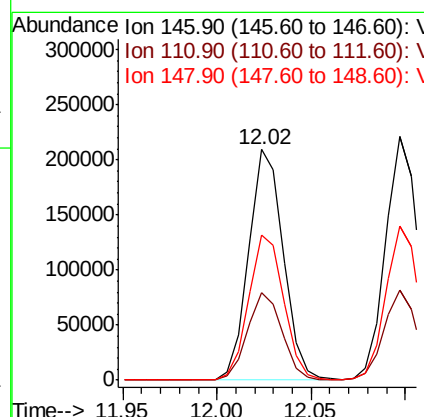
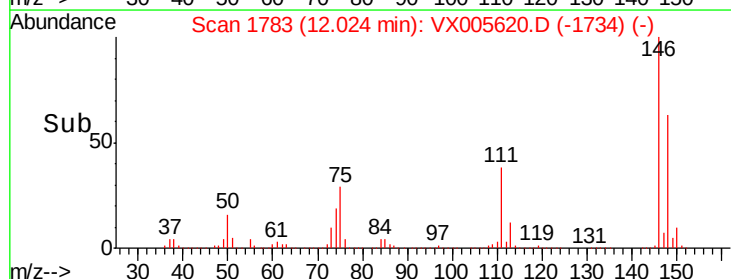
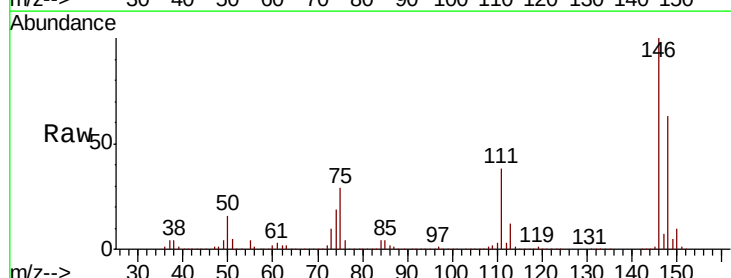
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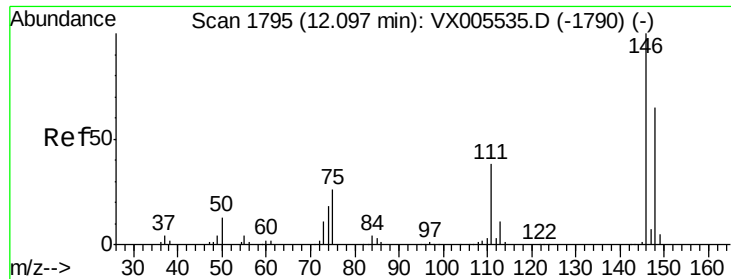
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#87
 1,3-Dichlorobenzene
 Concen: 49.209 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266662		
111	38.0	19.0	57.0	
148	63.9	31.9	95.9	





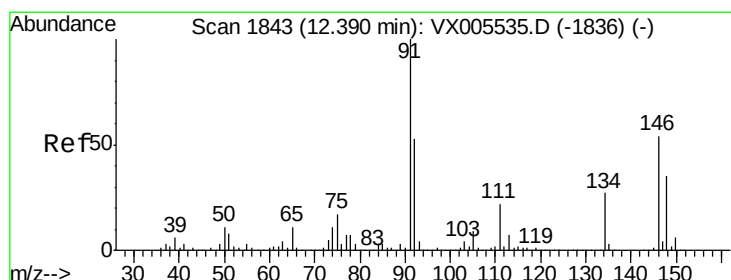
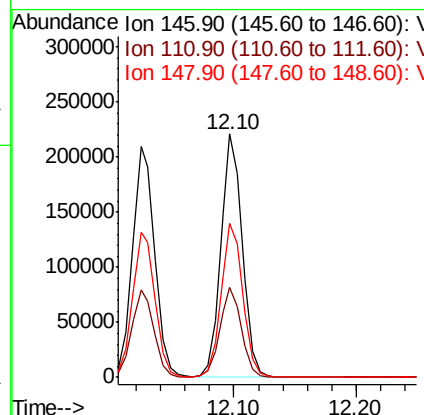
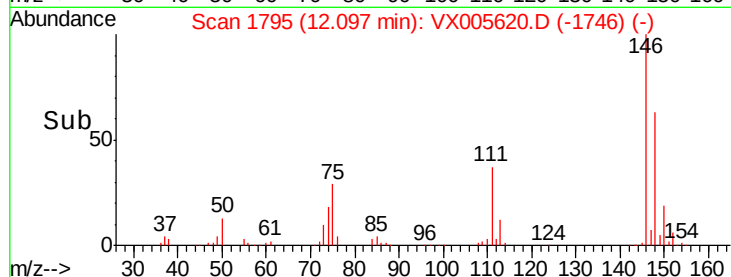
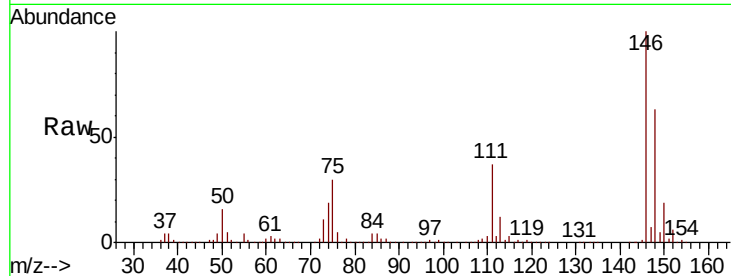
#88
 1,4-Dichlorobenzene
 Concen: 47.942 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampled :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.0	32.1	96.3

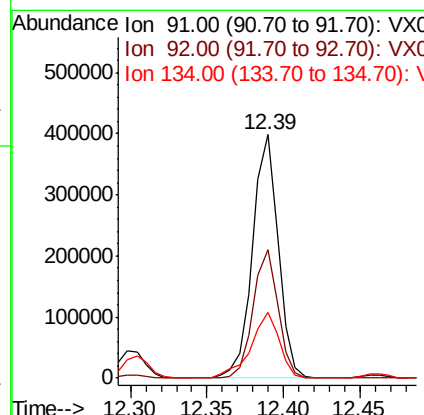
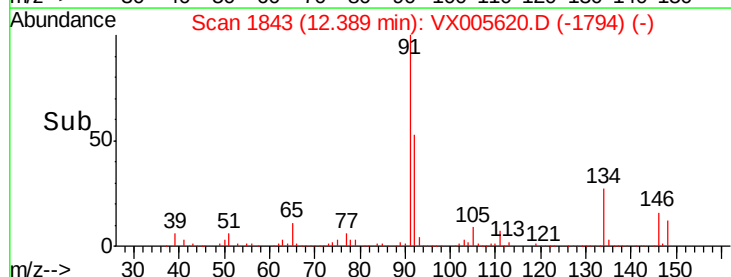
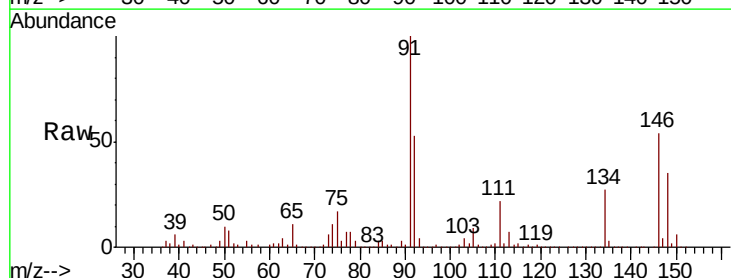
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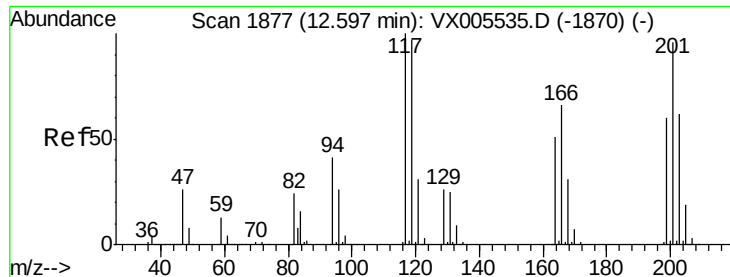
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#89
 n-Butylbenzene
 Concen: 54.798 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.1	78.2
134	29.9	13.1	39.3





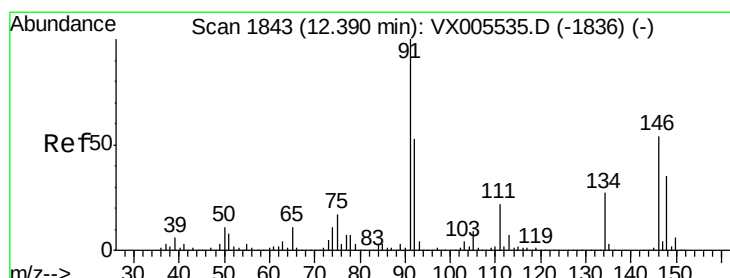
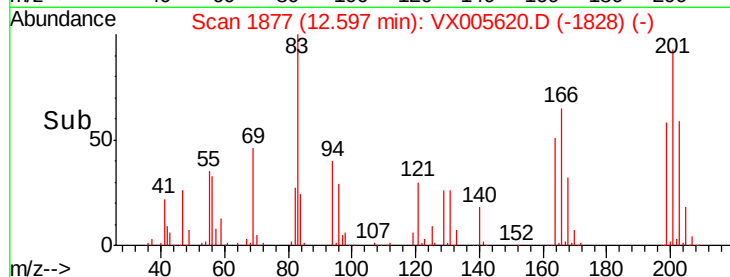
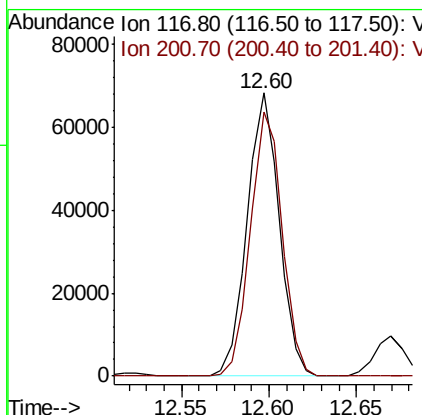
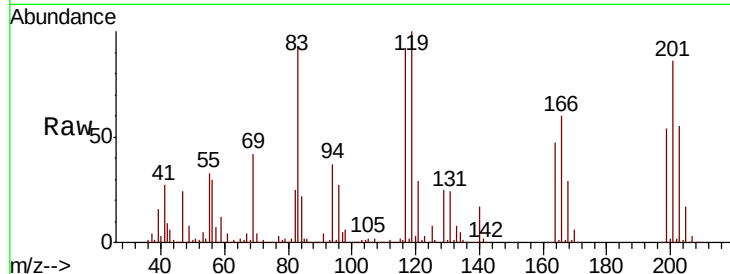
#90
Hexachloroethane
Concen: 53.780 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	92.0	47.9	143.6

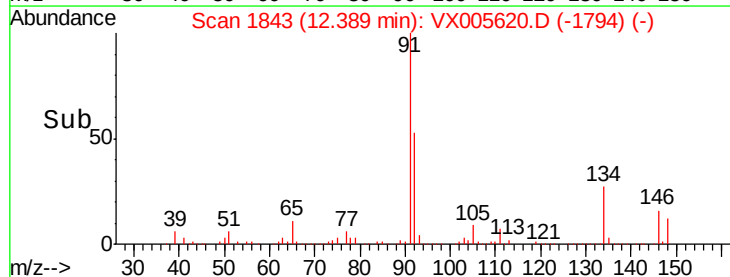
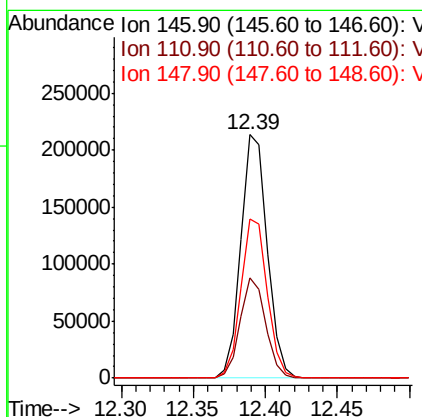
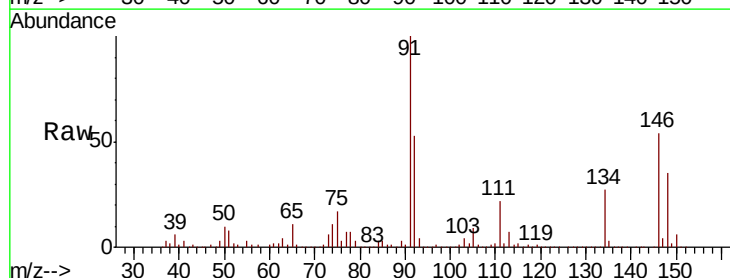
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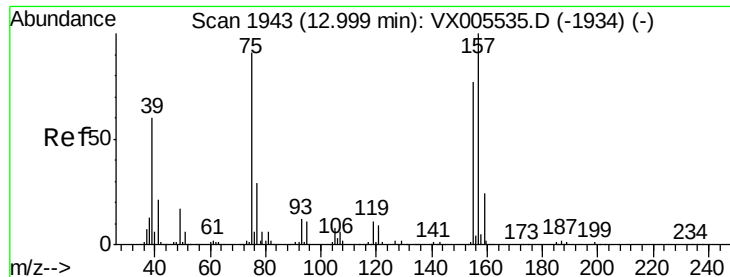
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#91
1,2-Dichlorobenzene
Concen: 49.552 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	65.3	32.2	96.6





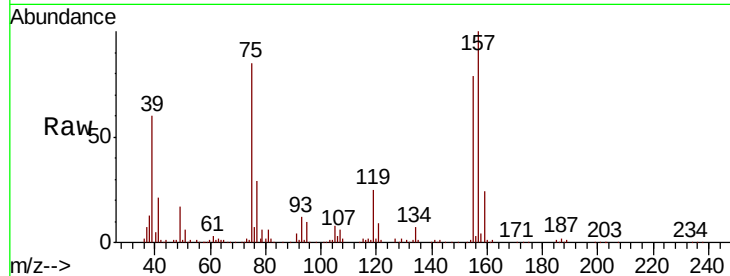
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.589 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	90.5	45.4	136.1
157	117.5	57.4	172.0

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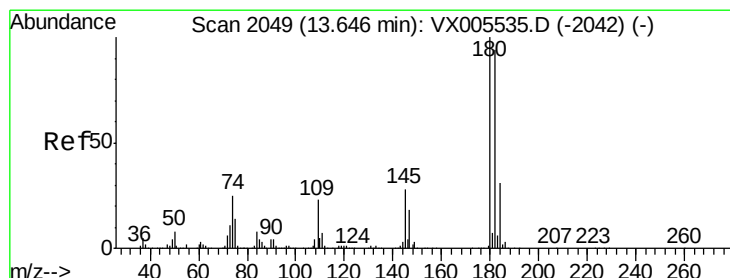
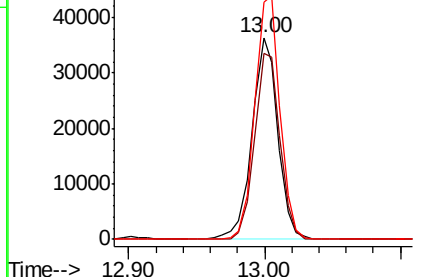
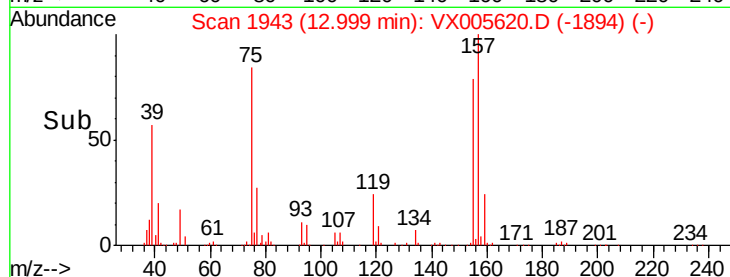
Abundance

Ion 74.90 (74.60 to 75.60): VX005535.D (-1934) (-)

Ion 154.80 (154.50 to 155.50): VX005535.D (-1934) (-)

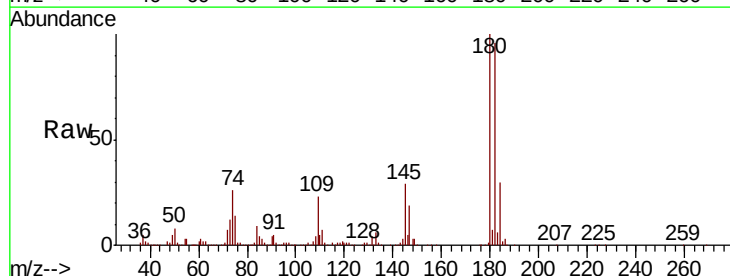
Ion 156.80 (156.50 to 157.50): VX005535.D (-1934) (-)

Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 52.117 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	28.6	14.1	42.2



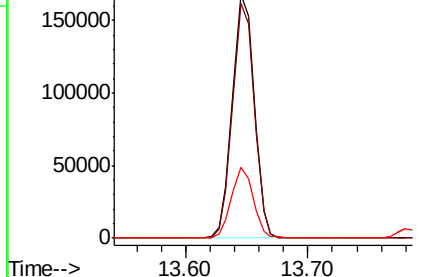
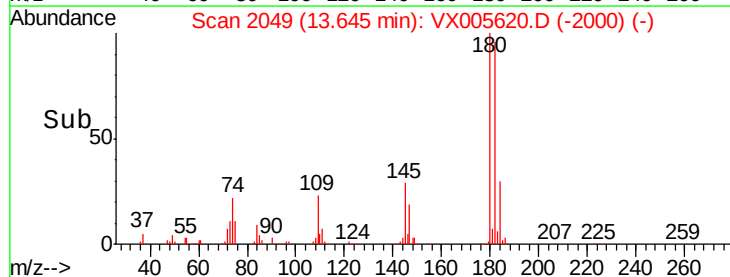
Abundance

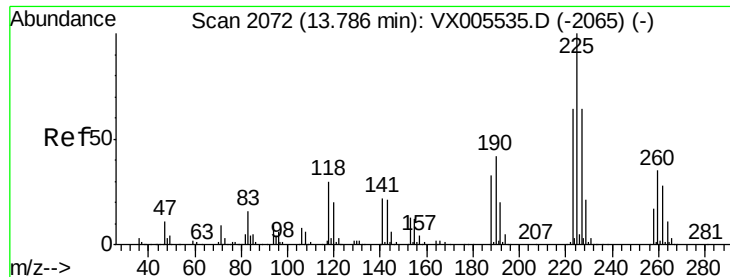
Ion 179.80 (179.50 to 180.50): VX005535.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX005535.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX005535.D (-2042) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 47.621 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

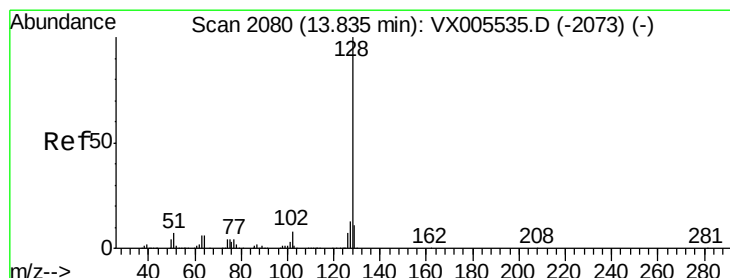
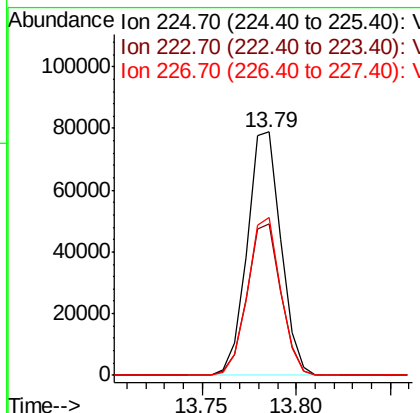
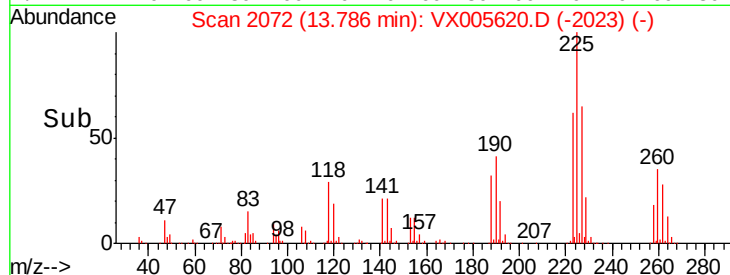
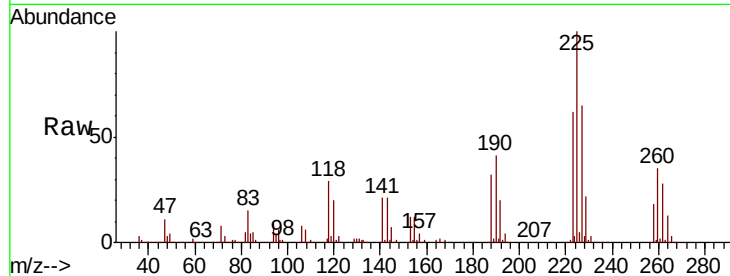
ClientSampleId :

MW-15MS

Tot Ion:	225	Resp:	98079
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.7	95.1
227	63.4	32.3	96.9

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#95

Naphthalene

Concen: 66.904 ug/l

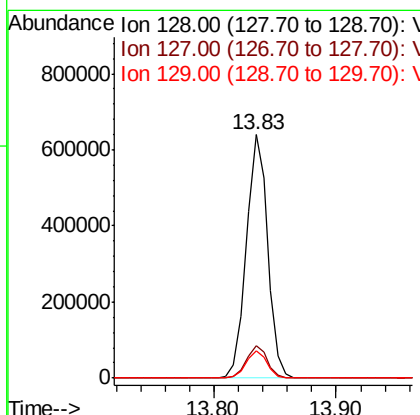
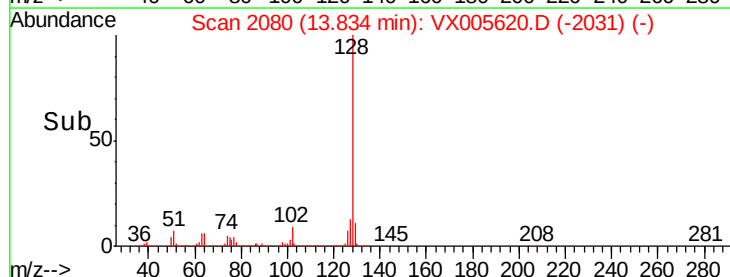
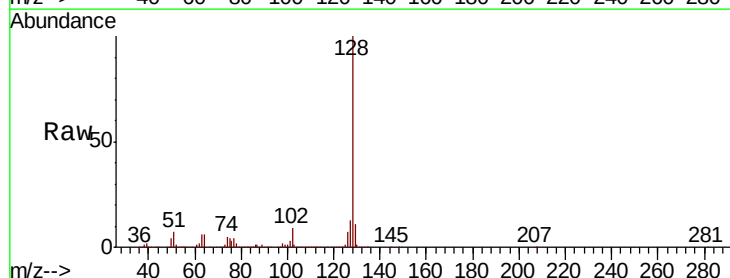
RT: 13.83 min Scan# 2080

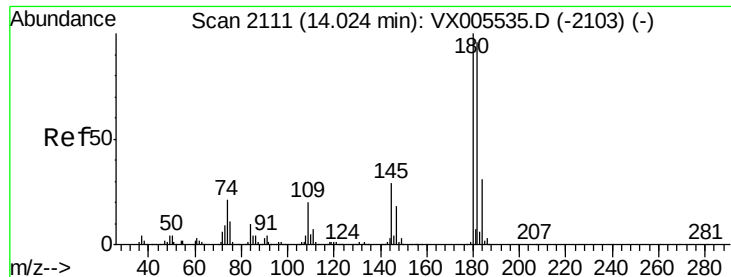
Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion:	128	Resp:	772903
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 52.149 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	48.0	144.2
145	30.8	15.1	45.3

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:30 PM

