

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043019\
 Data File : VX009239.D
 Acq On : 30 Apr 2019 12:34
 Operator : JC/SP
 Sample : VX0430WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 10:05:09 AM

Quant Time: May 01 01:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129983	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	96137	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.71	98	386113	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	137705	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	34215	19.333	ug/l	99
3) Chloromethane	1.32	50	47924	19.834	ug/l	100
4) Vinyl Chloride	1.41	62	46466	19.721	ug/l	98
5) Bromomethane	1.64	94	27266	19.280	ug/l	96
6) Chloroethane	1.72	64	29184	19.292	ug/l	97
7) Trichlorofluoromethane	1.93	101	55999	19.553	ug/l	100
8) Diethyl Ether	2.18	74	26724	19.699	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34816	19.358	ug/l	99
10) Methyl Iodide	2.51	142	35018	19.812	ug/l	100
11) Tert butyl alcohol	3.04	59	55842	92.015	ug/l	97
12) 1,1-Dichloroethene	2.37	96	35511	19.706	ug/l	99
13) Acrolein	2.29	56	47929	87.206	ug/l	99
14) Allyl chloride	2.73	41	83510	19.016	ug/l	99
15) Acrylonitrile	3.14	53	143915	96.987	ug/l	99
16) Acetone	2.44	43	132643	94.221	ug/l	100
17) Carbon Disulfide	2.57	76	95213	18.819	ug/l	98
18) Methyl Acetate	2.78	43	63975	19.108	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	135525	19.367	ug/l	99
20) Methylene Chloride	2.85	84	42955	18.845	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38403	19.650	ug/l	97
22) Diisopropyl ether	3.85	45	166484	19.713	ug/l	95
23) Vinyl Acetate	3.81	43	727019	100.529	ug/l	99
24) 1,1-Dichloroethane	3.70	63	80139	19.235	ug/l	99
25) 2-Butanone	4.67	43	213659	97.665	ug/l	99
26) 2,2-Dichloropropane	4.58	77	56931	18.358	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	44679	19.153	ug/l	99
28) Bromochloromethane	5.01	49	33770	18.404	ug/l	100
29) Tetrahydrofuran	5.13	42	140553	99.842	ug/l	99
30) Chloroform	5.21	83	72705	19.295	ug/l	100
31) Cyclohexane	5.58	56	76326	19.691	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	59789	19.061	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55123	19.310	ug/l	99
37) Ethyl Acetate	4.84	43	79353	19.951	ug/l	100
38) Carbon Tetrachloride	5.79	117	49249	18.989	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67683	19.306	ug/l	99
40) Benzene	6.14	78	172895	19.570	ug/l	99
41) Methacrylonitrile	5.04	41	45451	19.197	ug/l	97
42) 1,2-Dichloroethane	6.20	62	62315	19.663	ug/l	100
43) Isopropyl Acetate	6.45	43	122932	19.323	ug/l	99
44) Trichloroethene	7.21	130	40529	18.976	ug/l	99
45) 1,2-Dichloropropane	7.51	63	48979	19.579	ug/l	98
46) Dibromomethane	7.66	93	27962	19.248	ug/l	100
47) Bromodichloromethane	7.90	83	55418	19.124	ug/l	97
48) Methyl methacrylate	7.77	41	62885	19.923	ug/l	99
49) 1,4-Dioxane	7.74	88	23034	359.850	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	413137	99.352	ug/l	99
52) Toluene	8.79	92	104403	19.441	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62112	18.985	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	69766	19.266	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42854	19.560	ug/l	97
56) Ethyl methacrylate	9.18	69	75798	19.381	ug/l	99
57) 1,3-Dichloropropane	9.37	76	75200	19.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207221	99.878	ug/l	100
59) 2-Hexanone	9.49	43	316886	97.029	ug/l	99
60) Dibromochloromethane	9.58	129	40441	18.899	ug/l	97
61) 1,2-Dibromoethane	9.67	107	43241	19.552	ug/l	100
64) Tetrachloroethene	9.33	164	37507	19.787	ug/l	96
65) Chlorobenzene	10.13	112	106632	19.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38185	19.053	ug/l	99
67) Ethyl Benzene	10.25	91	196751	19.340	ug/l	99
68) m/p-Xylenes	10.36	106	143166	38.509	ug/l	98
69) o-Xylene	10.70	106	71747	19.560	ug/l	98
70) Styrene	10.71	104	123415	19.358	ug/l	100
71) Bromoform	10.85	173	29470	18.095	ug/l #	99
73) Isopropylbenzene	11.02	105	187291	19.664	ug/l	99
74) N-amyl acetate	10.90	43	108223	19.489	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69697	19.629	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59844m	19.697	ug/l	
77) Bromobenzene	11.26	156	45682	19.324	ug/l	99
78) n-propylbenzene	11.36	91	214196	19.691	ug/l	100
79) 2-Chlorotoluene	11.42	91	128497	19.147	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	158658	19.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21482	18.091	ug/l	93
82) 4-Chlorotoluene	11.51	91	147036	19.394	ug/l	99
83) tert-Butylbenzene	11.77	119	150221	19.255	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	159853	19.858	ug/l	100
85) sec-Butylbenzene	11.94	105	180534	19.519	ug/l	99
86) p-Isopropyltoluene	12.06	119	162412	19.532	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79637	18.897	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80427	18.929	ug/l	99
89) n-Butylbenzene	12.38	91	144531	19.231	ug/l	99
90) Hexachloroethane	12.60	117	26451	18.672	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	81848	19.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16011	20.101	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55770	18.999	ug/l	98
94) Hexachlorobutadiene	13.78	225	27999	18.679	ug/l	99
95) Naphthalene	13.83	128	192833	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58831	19.772	ug/l	99

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

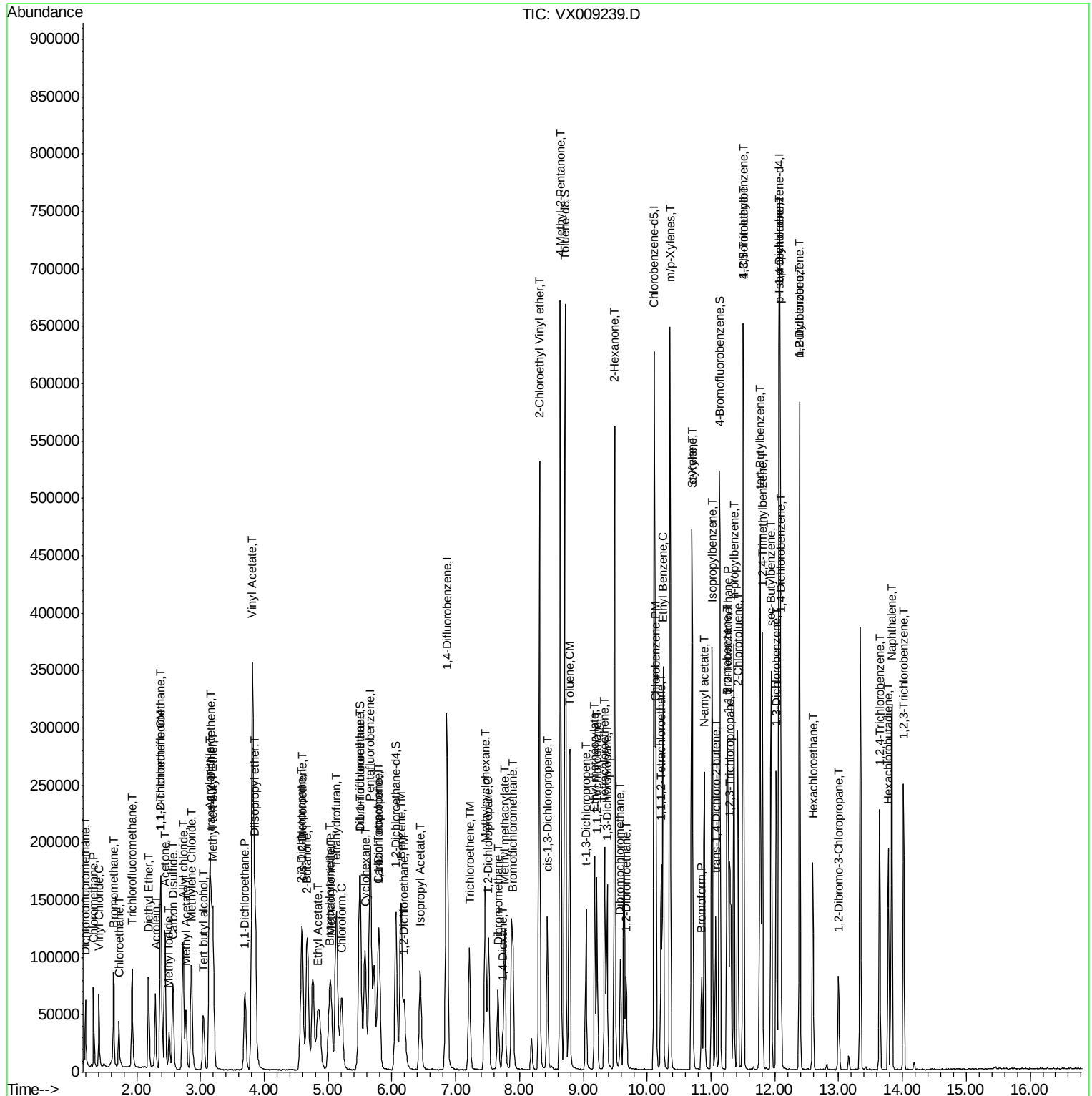
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX043019\
Data File : VX009239.D
Acq On : 30 Apr 2019 12:34
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Sample : VX0430WBSD01
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ALS Vial : 8 Sample Multiplier: 1

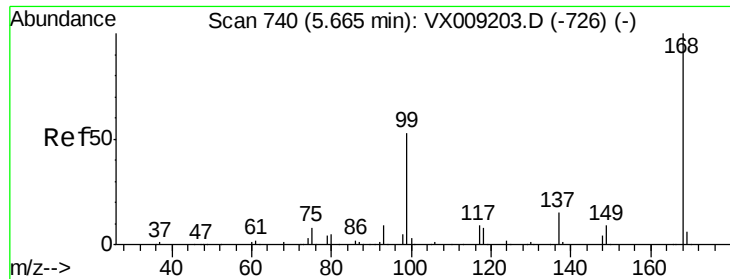
Instrument :
MSVOA_X
Client Sampled :
VX0430WBSD01

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Quant Title : SW846 8260
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#1

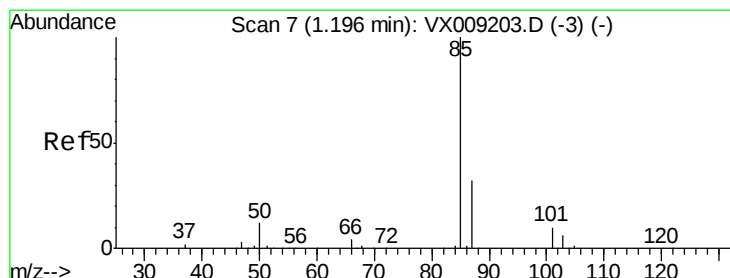
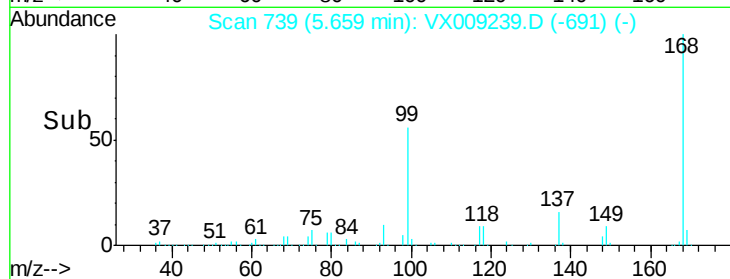
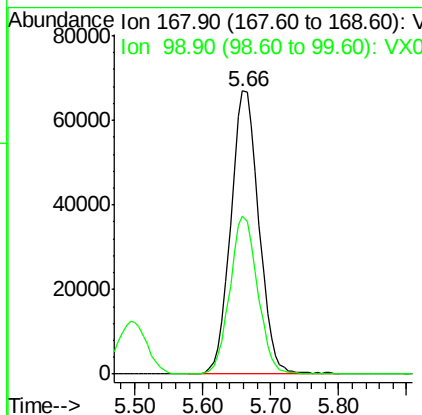
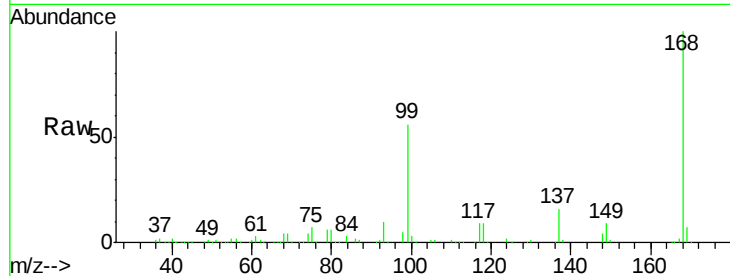
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
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 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	192055		
99	55.7	42.3	63.5	

Manual Integrations
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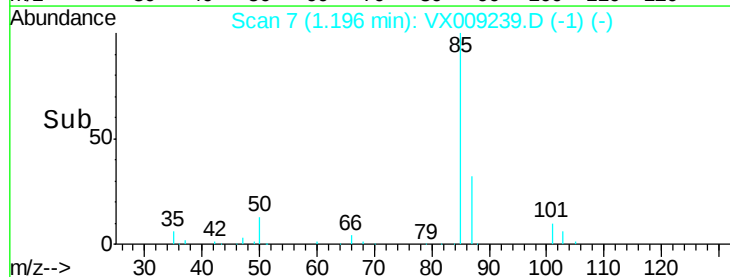
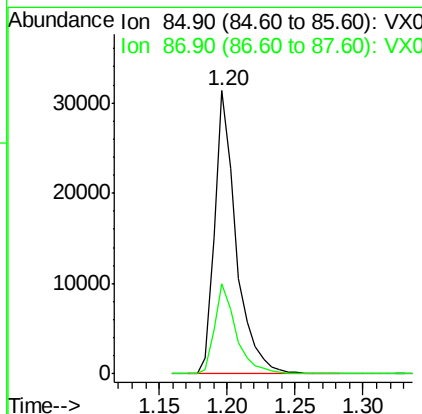
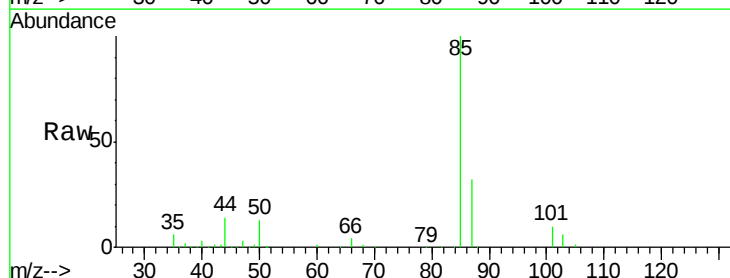
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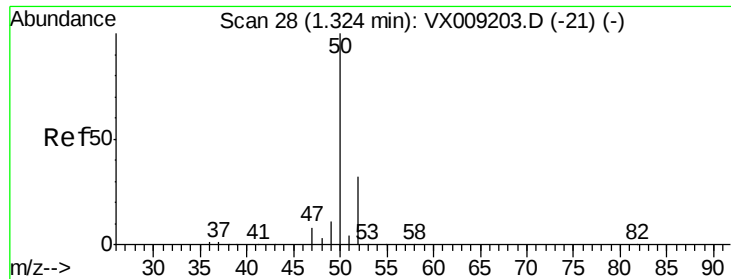


#2

Dichlorodifluoromethane
 Concen: 19.333 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	34215		
87	31.8	16.1	48.3	





#3

Chloromethane

Concen: 19.834 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 50 Resp: 47924

Ion Ratio Lower Upper

50 100

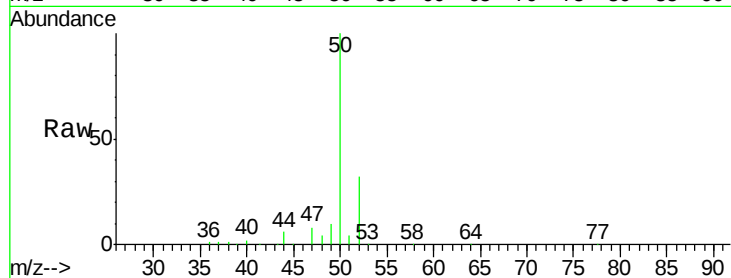
52 32.5 25.9 38.9

Manual Integrations

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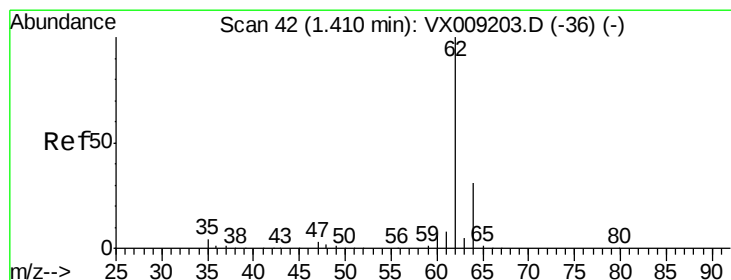
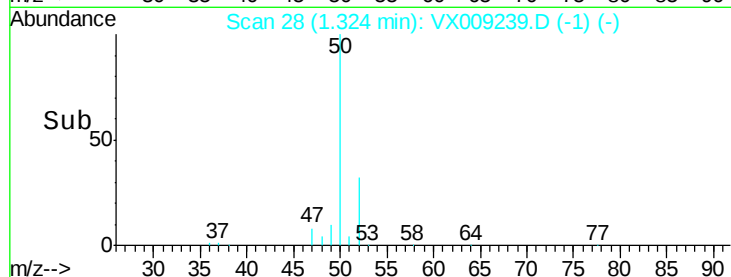
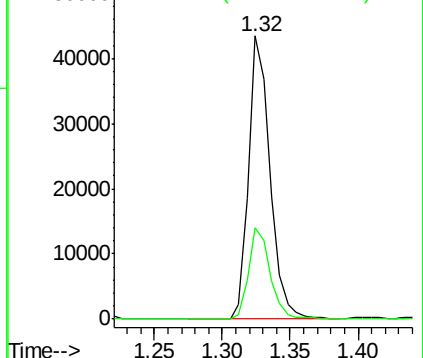
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.721 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009239.D

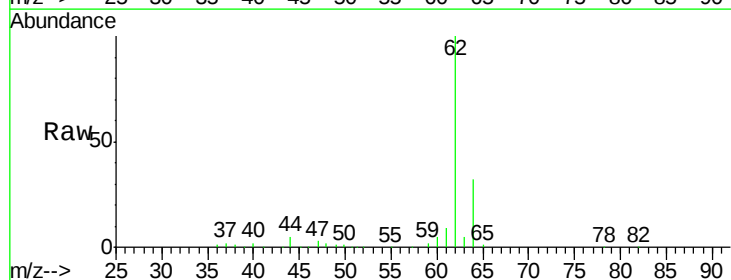
Acq: 30 Apr 2019 12:34

Tgt Ion: 62 Resp: 46466

Ion Ratio Lower Upper

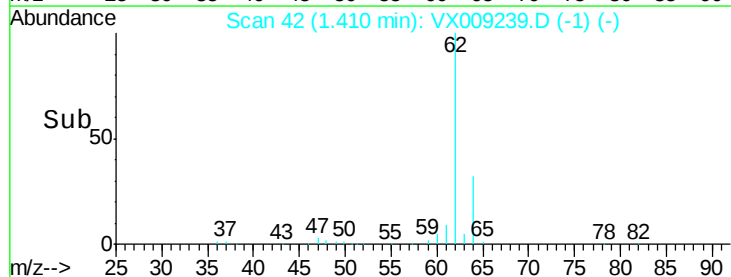
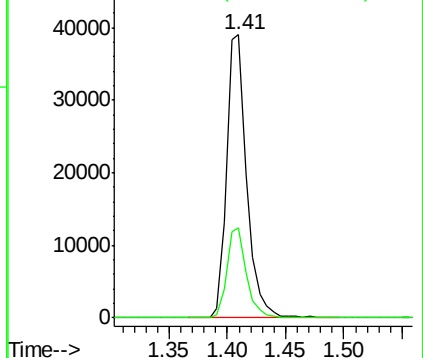
62 100

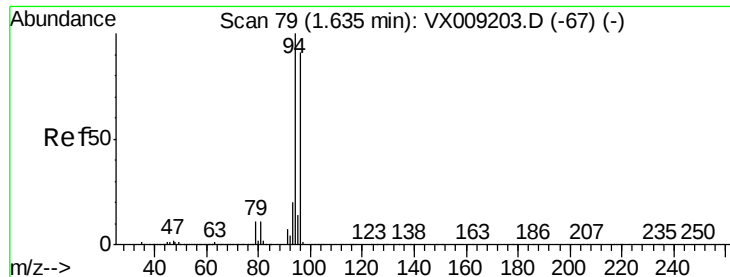
64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.280 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 94 Resp: 27266

Ion Ratio Lower Upper

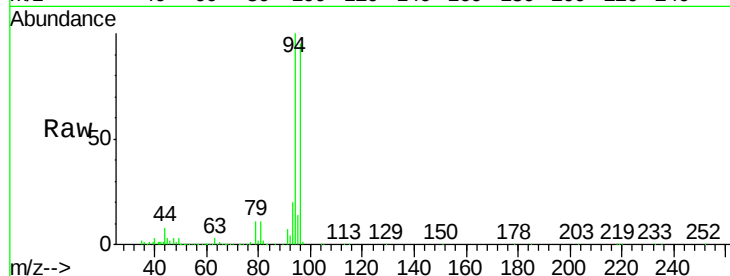
94 100

96 95.2 73.0 109.6

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

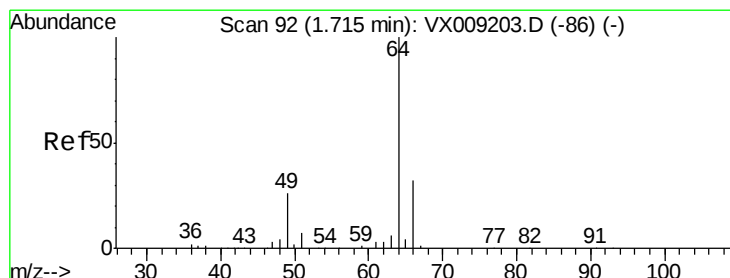
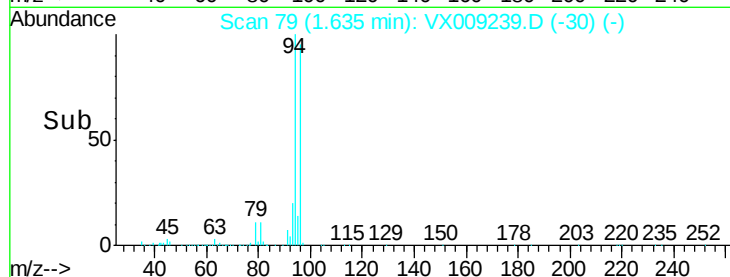
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.292 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009239.D

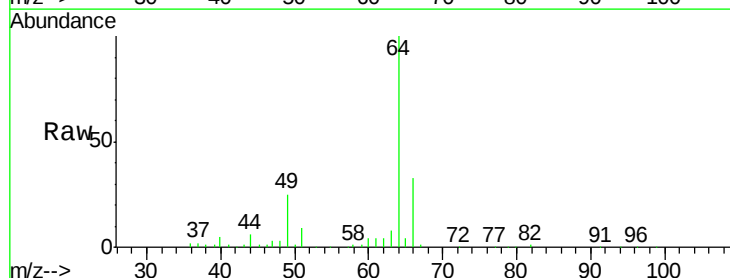
Acq: 30 Apr 2019 12:34

Tgt Ion: 64 Resp: 29184

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

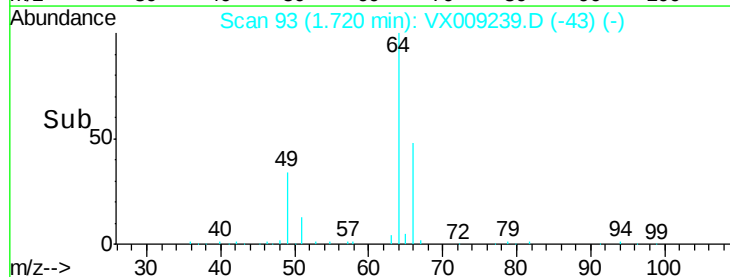
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5000

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Time-->

1.65 1.70 1.75 1.80





#7

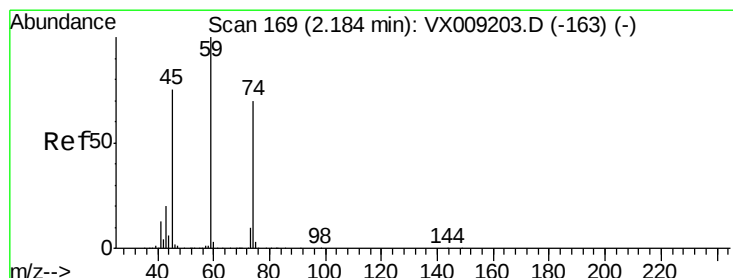
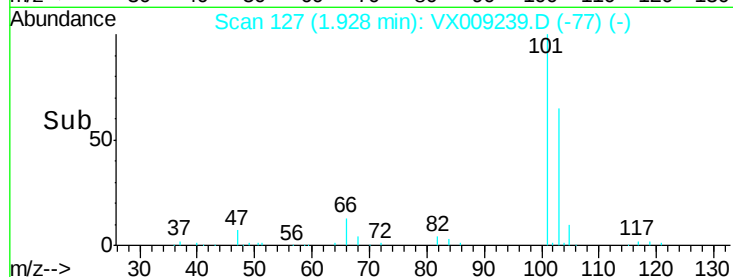
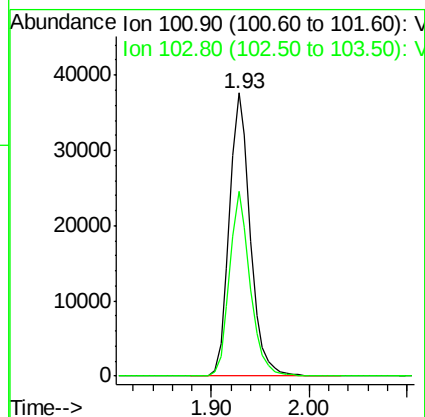
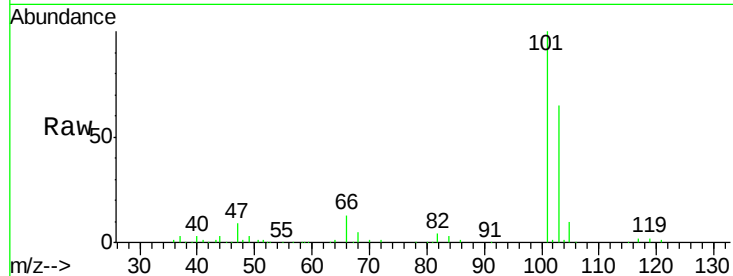
Trichlorofluoromethane
 Concen: 19.553 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion:101 Resp: 55999
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.4 78.6

Manual Integrations
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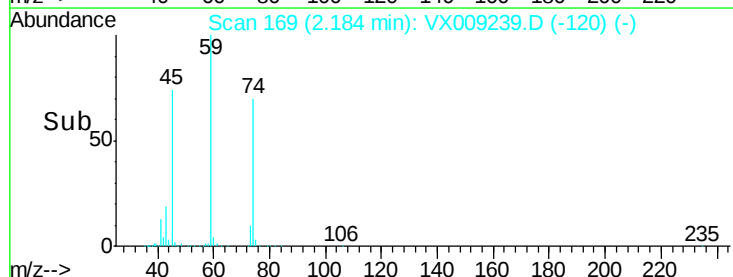
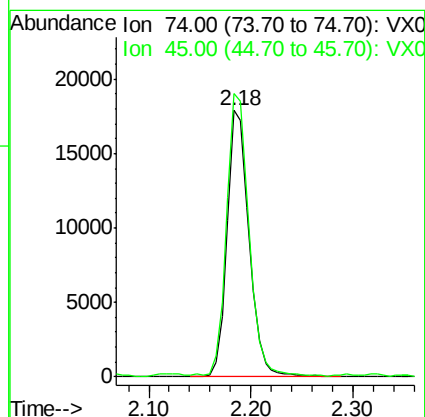
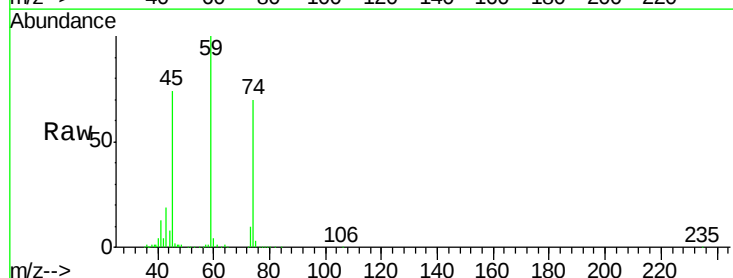
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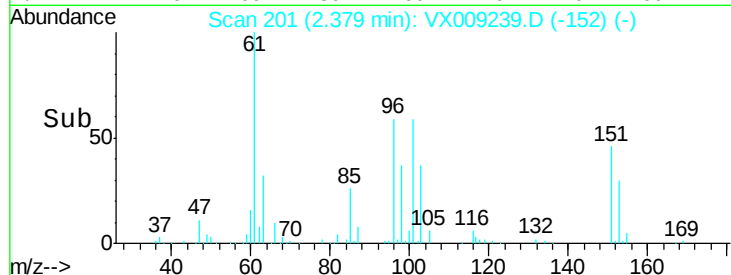
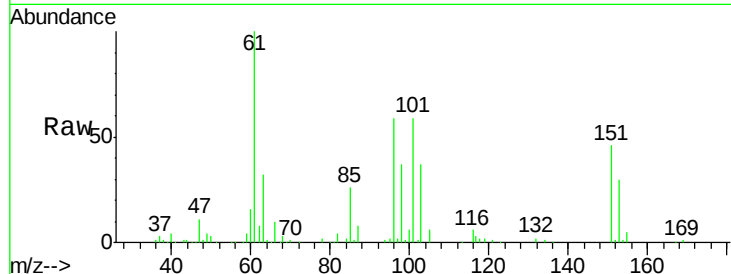


#8

Diethyl Ether
 Concen: 19.699 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion: 74 Resp: 26724
 Ion Ratio Lower Upper
 74 100
 45 107.3 53.3 159.9





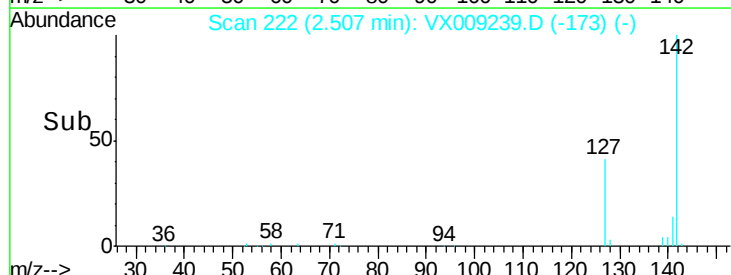
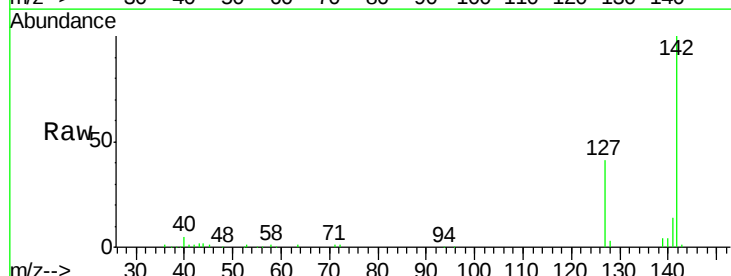
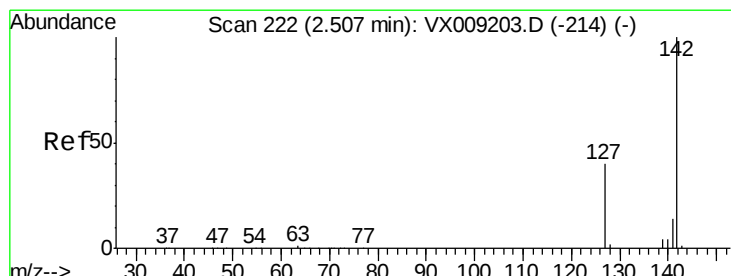
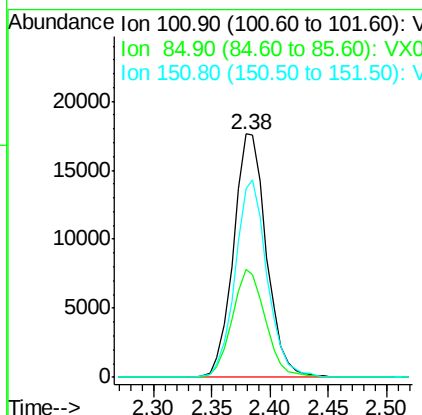
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.358 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	34816		
85	44.7	35.7	53.5	
151	78.7	62.2	93.2	

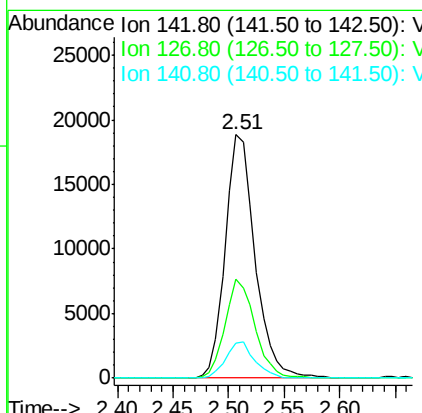
Manual Integrations
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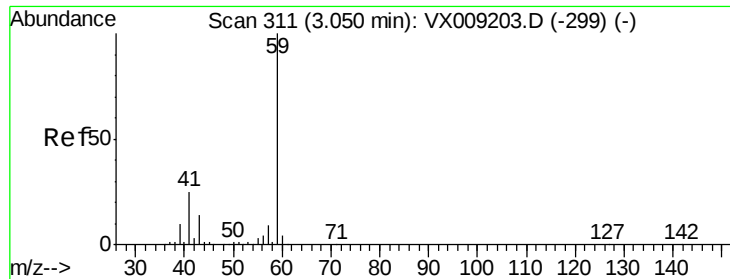
MMDadoda
5/1/2019 10:05:09 AM



#10
Methyl Iodide
Concen: 19.812 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	35018		
127	40.7	32.7	49.1	
141	14.4	11.5	17.3	





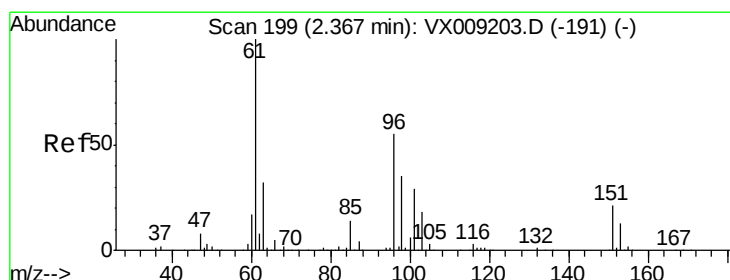
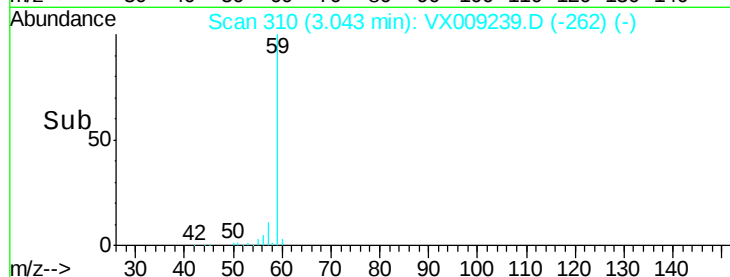
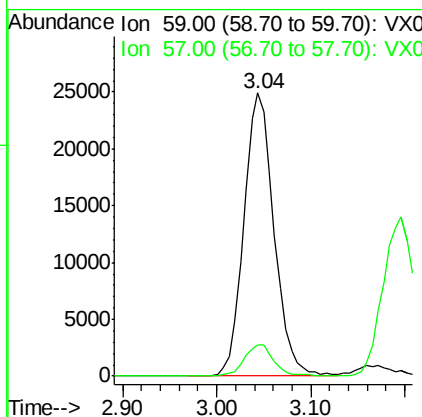
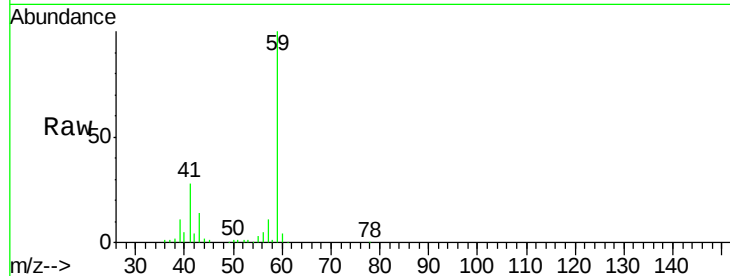
#11
Tert butyl alcohol
Concen: 92.015 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.2	12.2

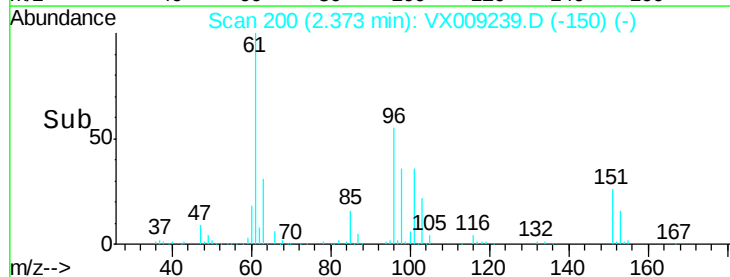
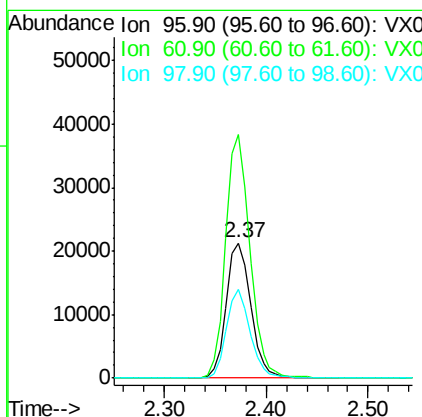
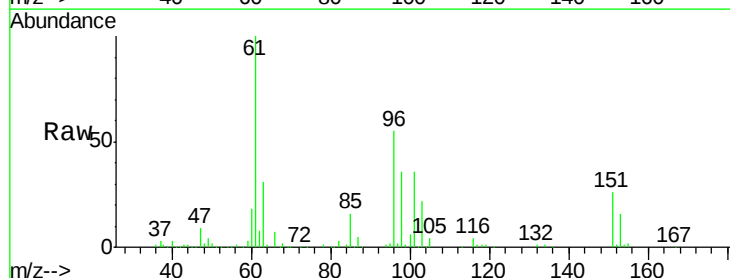
Manual Integrations
APPROVED

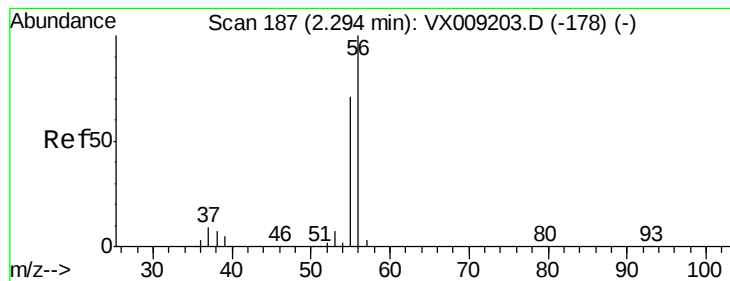
MMDadoda
5/1/2019 10:05:09 AM



#12
1,1-Dichloroethene
Concen: 19.706 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.5	144.3	216.5
98	65.5	50.3	75.5





#13

Acrolein

Concen: 87.206 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion: 56 Resp: 47929

Ion Ratio Lower Upper

56 100

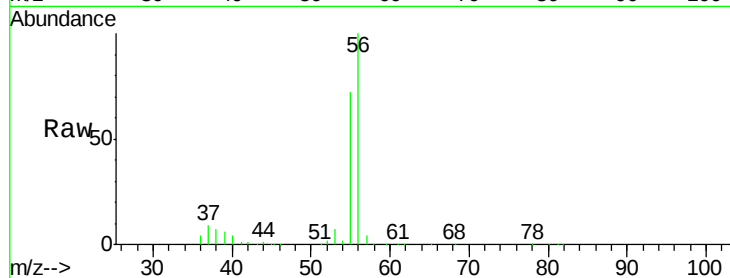
55 71.5 56.6 85.0

Manual Integrations

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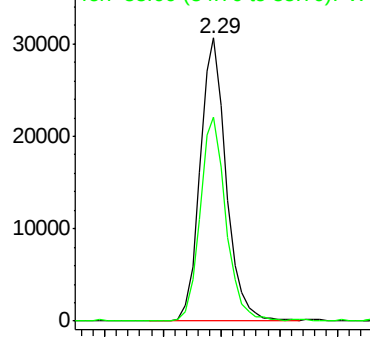
MMDadoda

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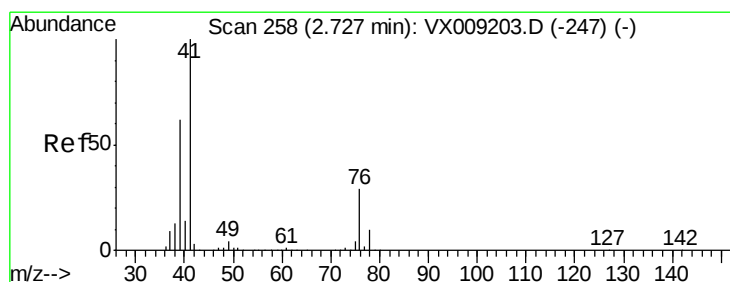
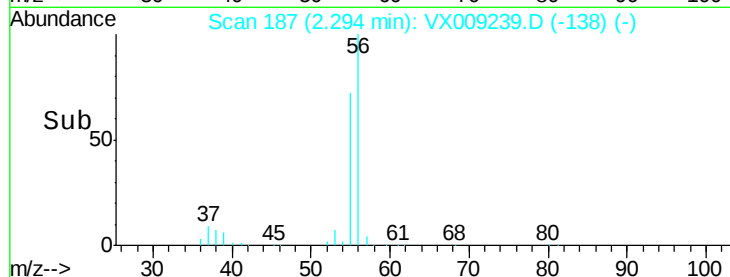


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 19.016 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

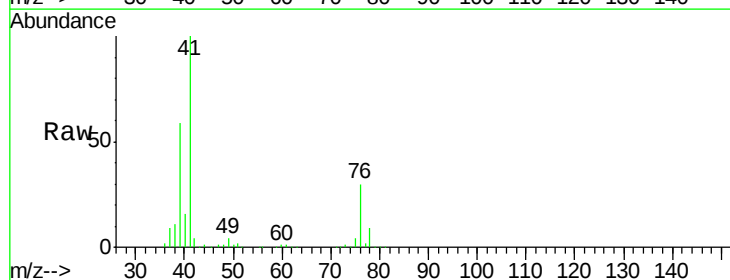
Tgt Ion: 41 Resp: 83510

Ion Ratio Lower Upper

41 100

39 58.0 46.7 70.1

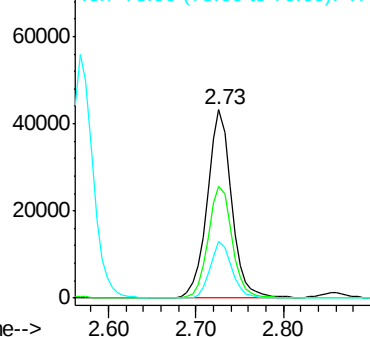
76 26.6 21.8 32.8



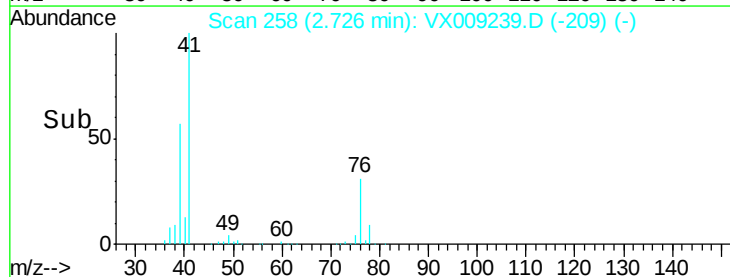
Abundance Ion 41.00 (40.70 to 41.70): VX0

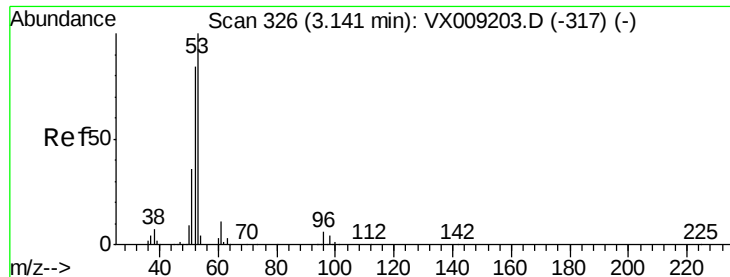
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 96.987 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

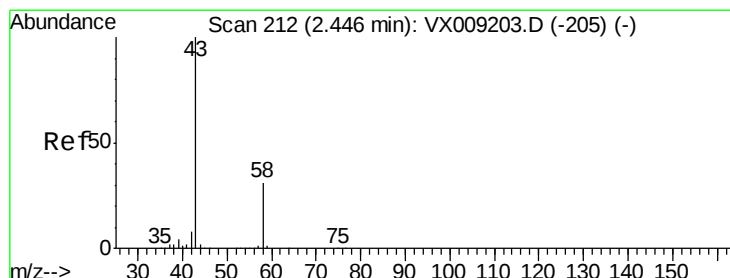
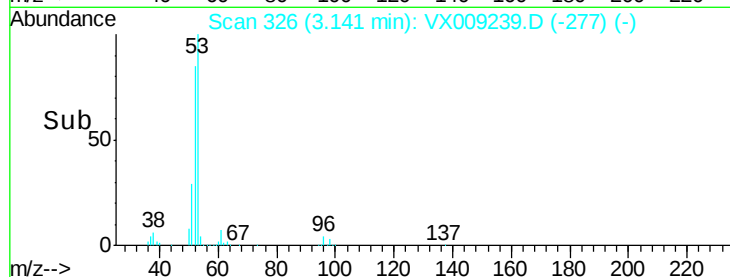
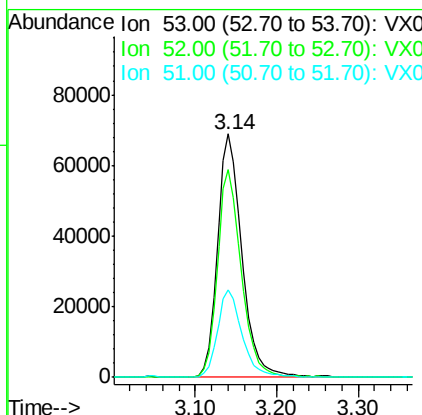
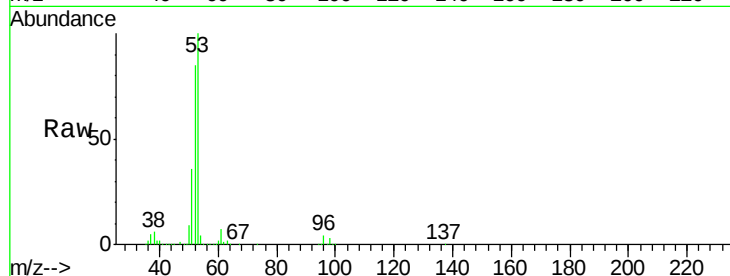
ClientSampleId :

VX0430WBSD01

Tot Ion:	53	Resp:	143915
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.9	100.3
51	36.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 94.221 ug/l

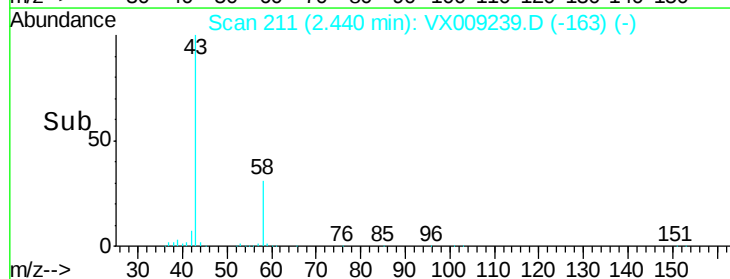
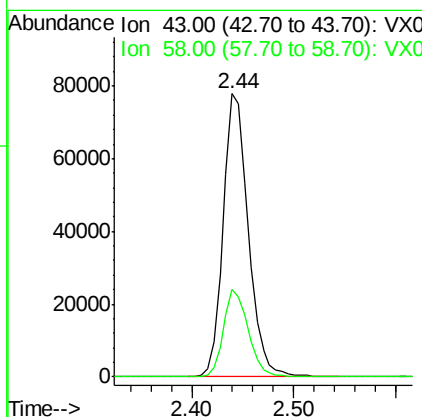
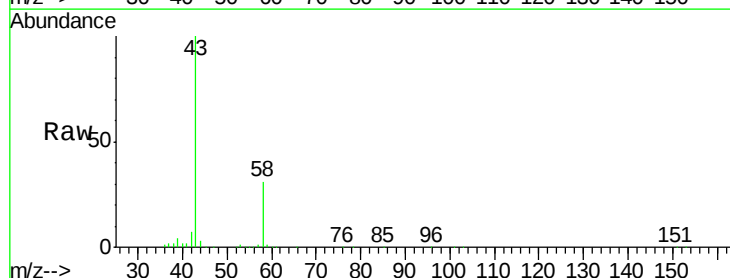
RT: 2.44 min Scan# 211

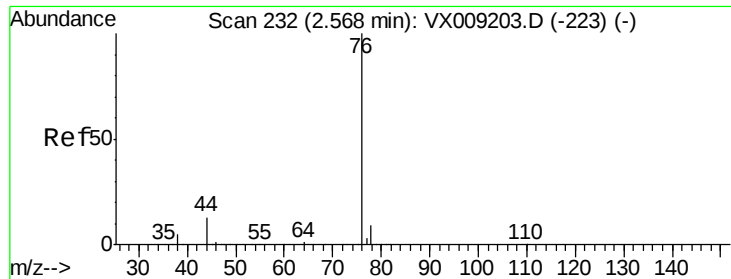
Delta R.T. -0.01 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Tgt Ion:	43	Resp:	132643
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.9	37.3





#17

Carbon Disulfide

Concen: 18.819 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 76 Resp: 95213

Ion Ratio Lower Upper

76 100

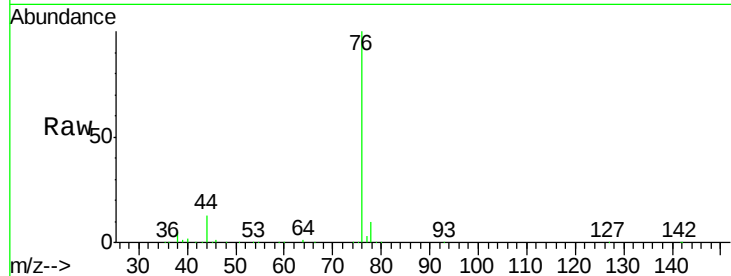
78 9.8 7.4 11.0

Manual Integrations

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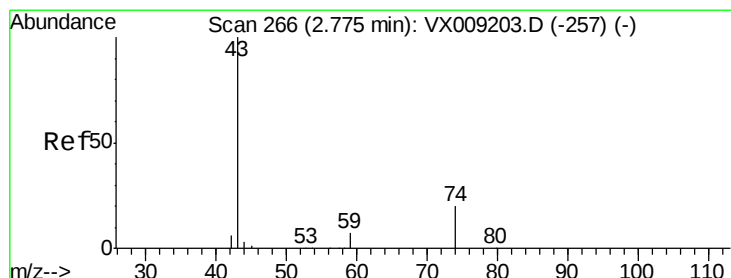
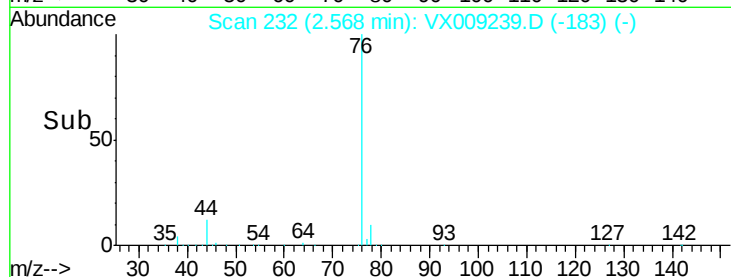
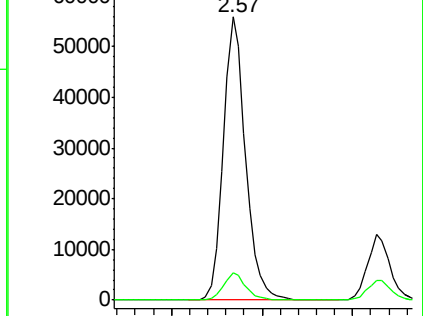
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.108 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009239.D

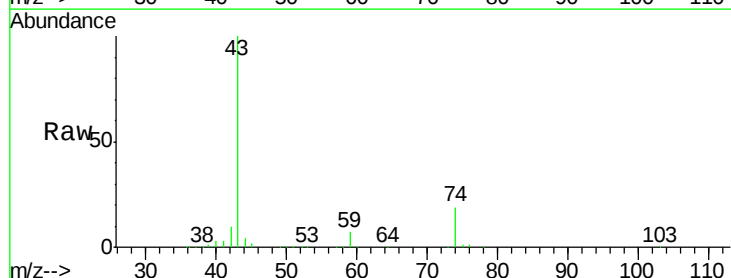
Acq: 30 Apr 2019 12:34

Tgt Ion: 43 Resp: 63975

Ion Ratio Lower Upper

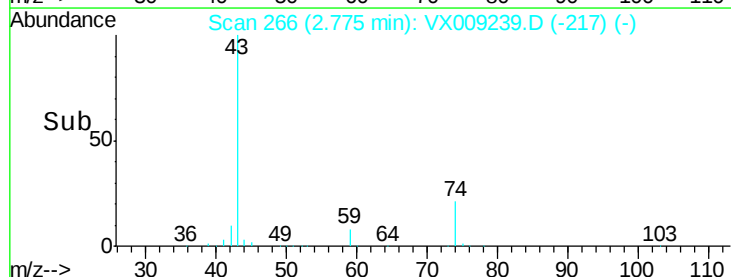
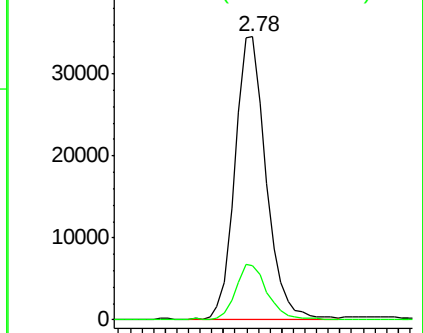
43 100

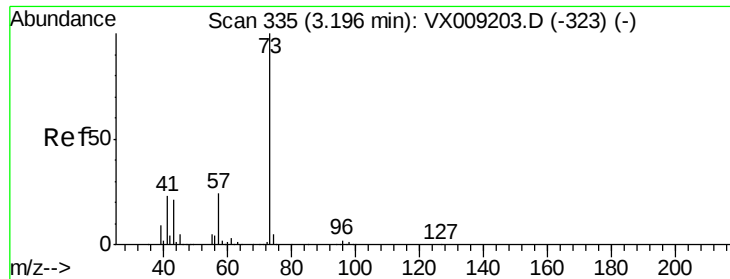
74 20.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





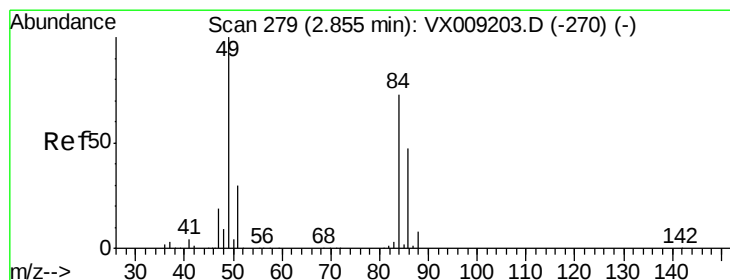
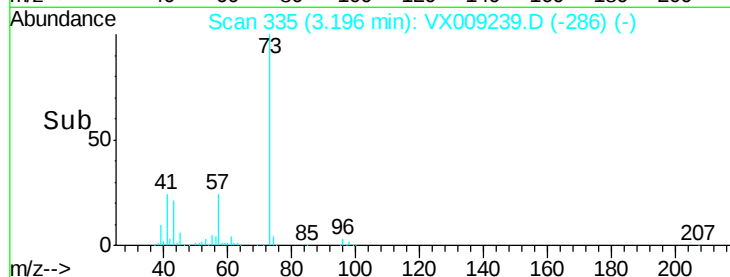
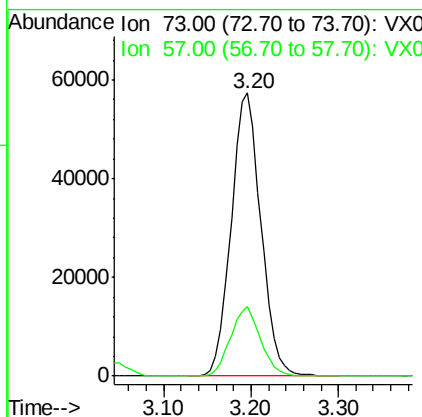
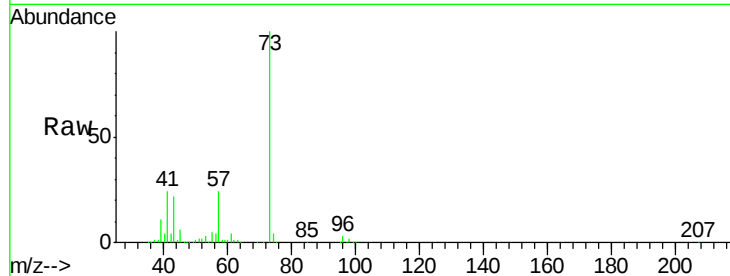
#19
Methvl tert-butvl Ether
Concen: 19.367 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion: 73 Resp: 13525
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9

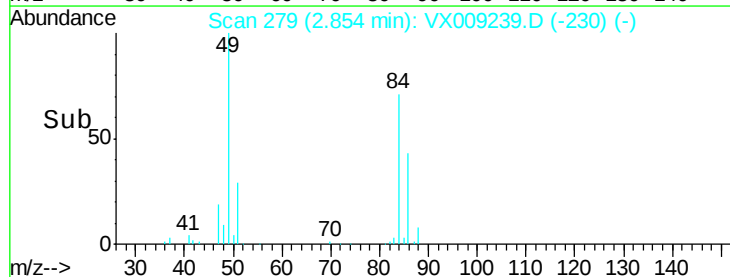
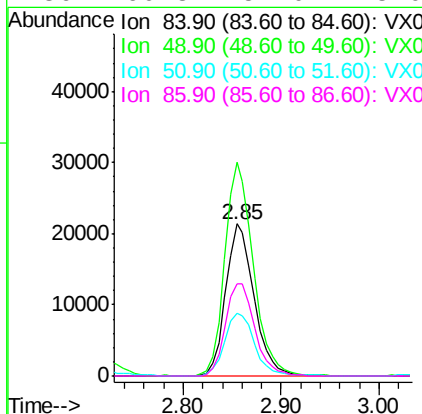
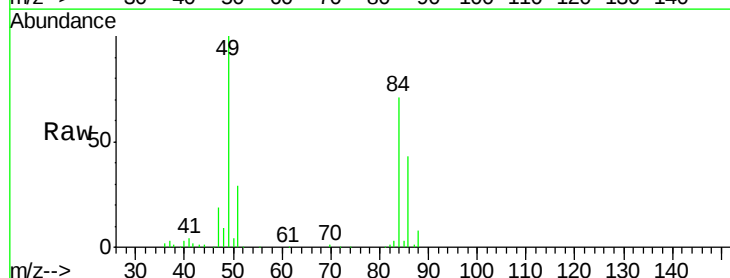
Manual Integrations
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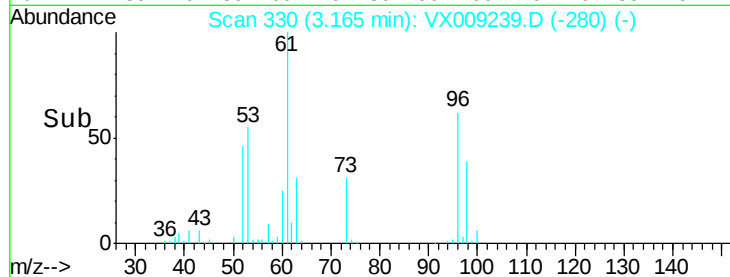
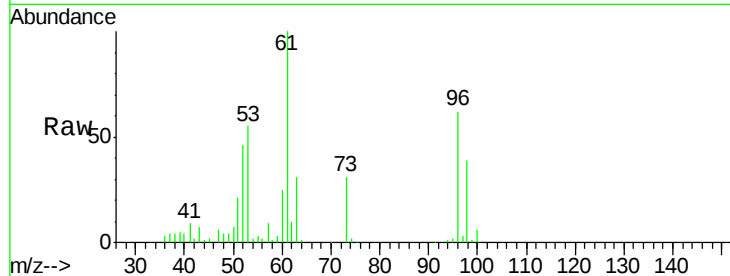
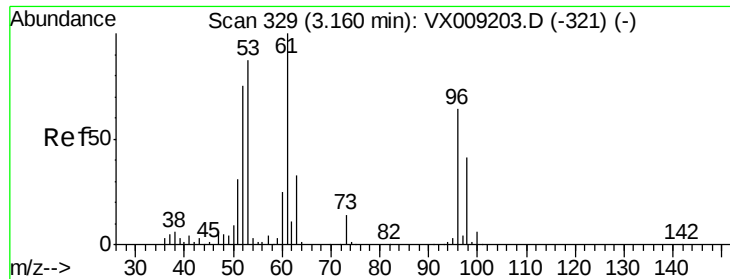
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#20
Methylene Chloride
Concen: 18.845 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion: 84 Resp: 42955
Ion Ratio Lower Upper
84 100
49 140.3 109.9 164.9
51 41.0 32.7 49.1
86 60.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.650 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009239.D

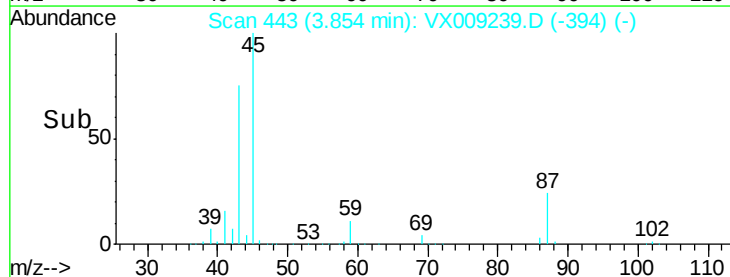
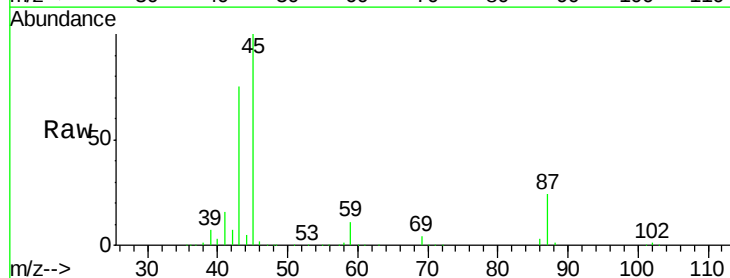
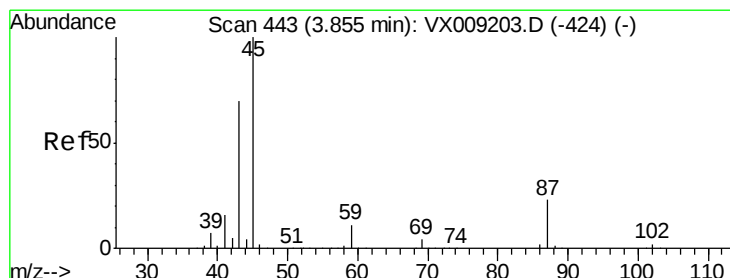
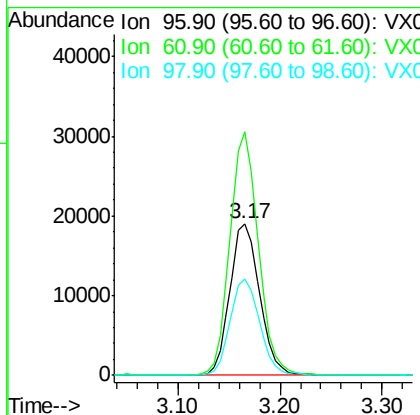
Acq: 30 Apr 2019 12:34

Tot Ion:	96	Resp:	38403
Ion Ratio	Lower	Upper	
96	100		
61	160.5	124.5	186.7
98	63.3	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.713 ug/l

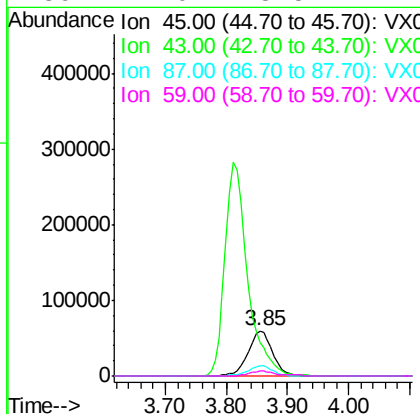
RT: 3.85 min Scan# 443

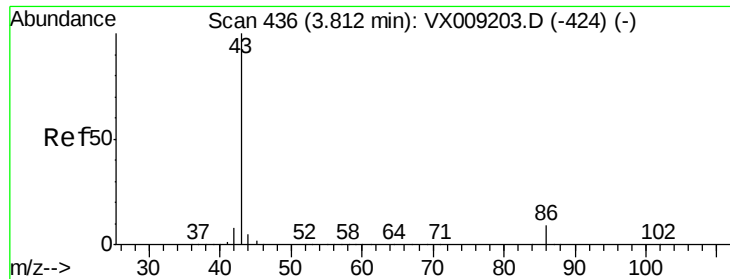
Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Tgt Ion:	45	Resp:	166484
Ion Ratio	Lower	Upper	
45	100		
43	75.3	56.1	84.1
87	23.9	18.1	27.1
59	11.0	8.5	12.7





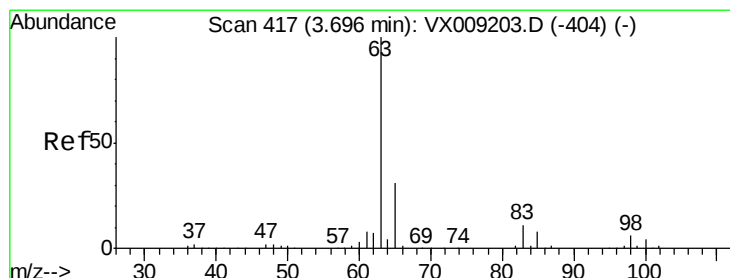
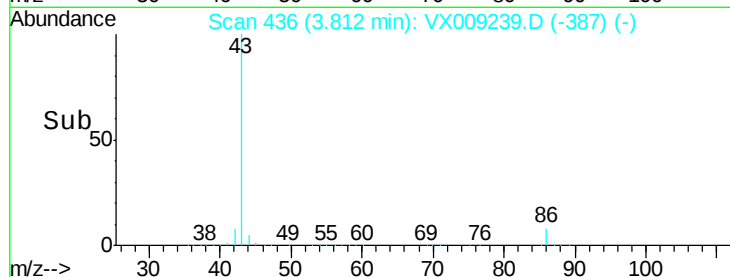
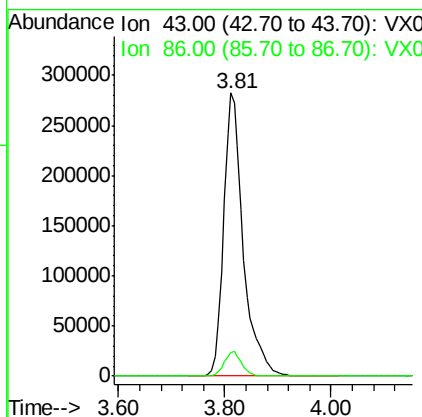
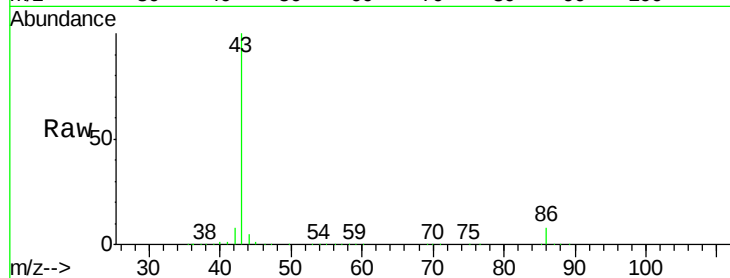
#23
 Vinyl Acetate
 Concen: 100.529 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	43	Resp	727019
Ion Ratio	100	Lower	Upper
43	100		
86	8.2	6.9	10.3

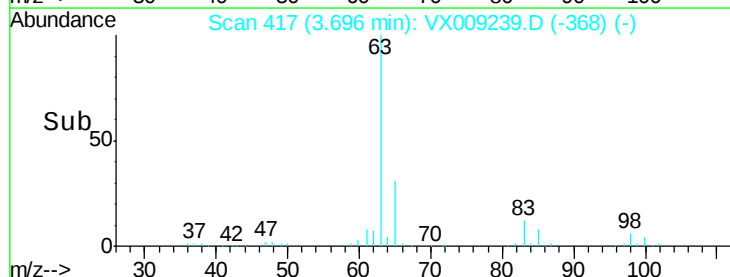
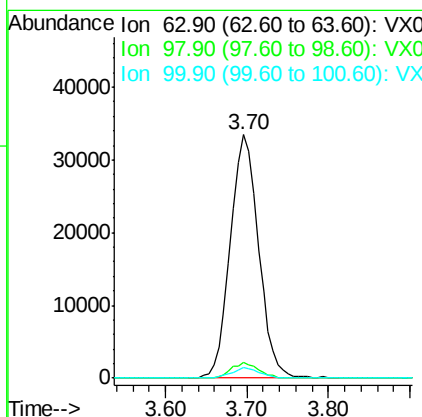
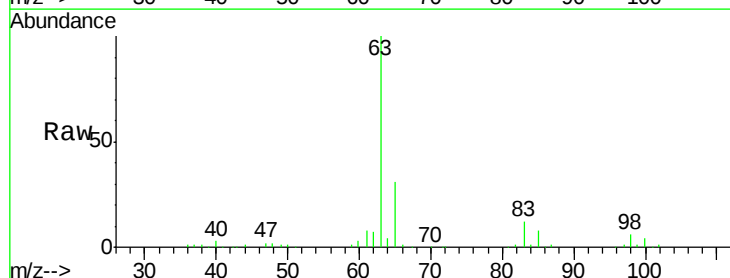
Manual Integrations
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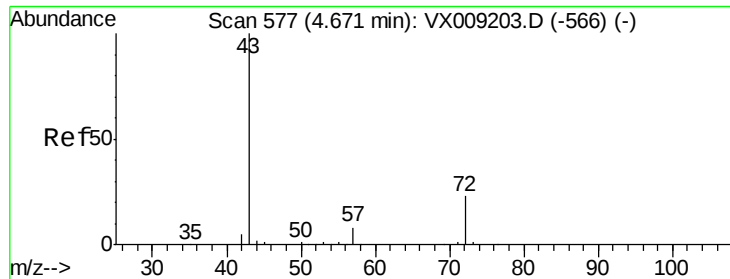
MMDadoda
 5/1/2019 10:05:09 AM



#24
 1,1-Dichloroethane
 Concen: 19.235 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	63	Resp	80139
Ion Ratio	100	Lower	Upper
63	100		
98	6.4	3.0	9.2
100	4.2	2.0	6.0





#25

2-Butanone

Concen: 97.665 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion: 43 Resp: 213659

Ion Ratio Lower Upper

43 100

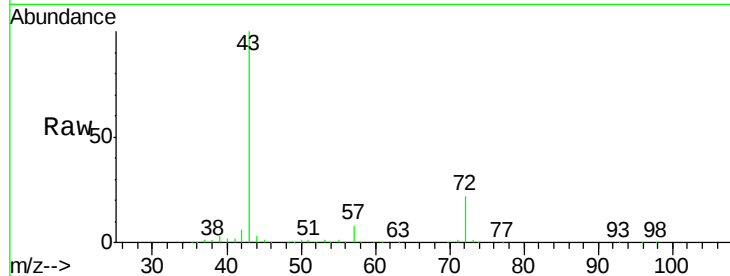
72 22.3 18.2 27.2

Manual Integrations

APPROVED

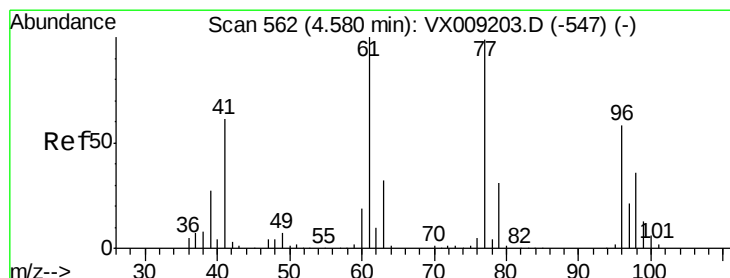
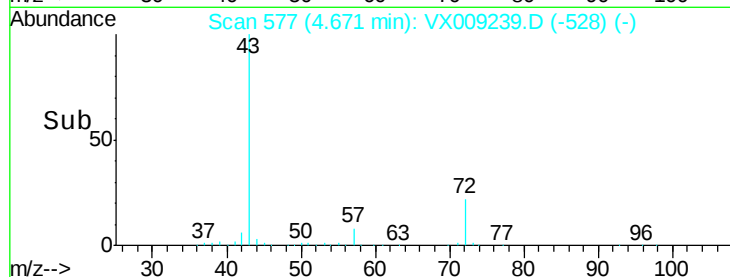
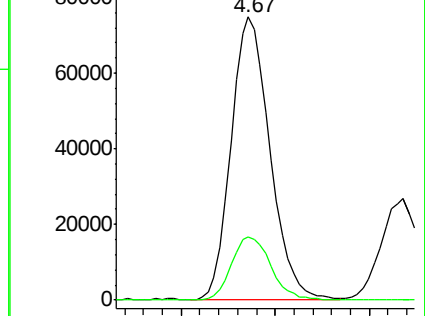
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.358 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009239.D

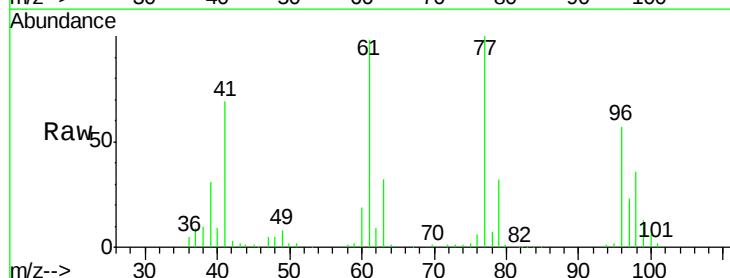
Acq: 30 Apr 2019 12:34

Tgt Ion: 77 Resp: 56931

Ion Ratio Lower Upper

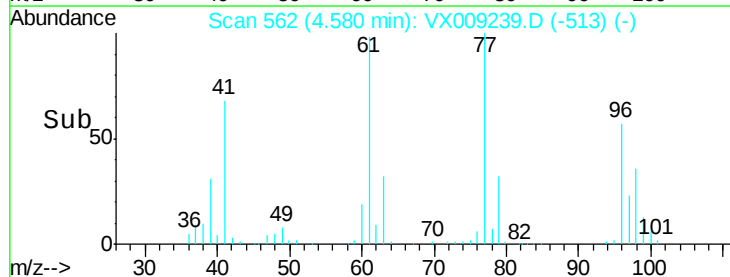
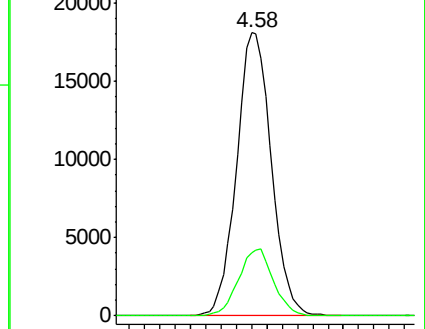
77 100

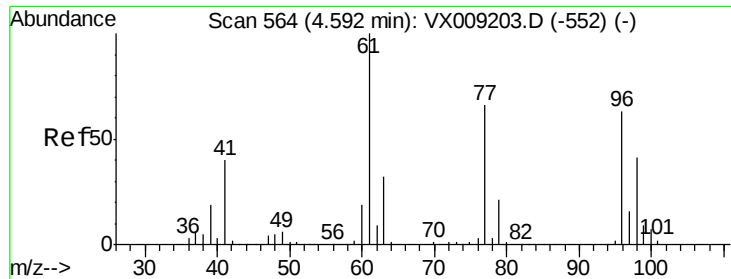
97 23.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





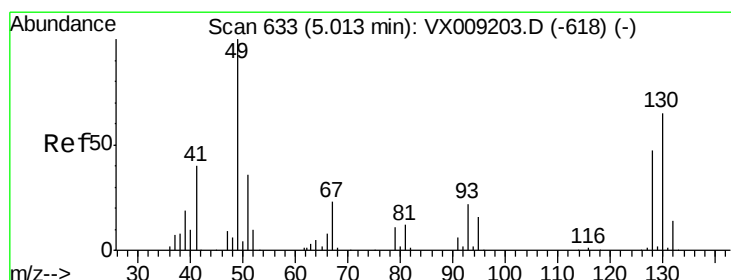
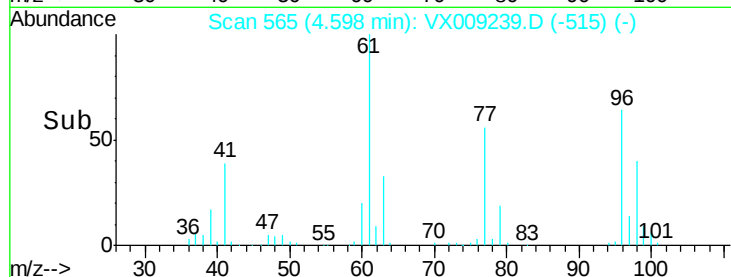
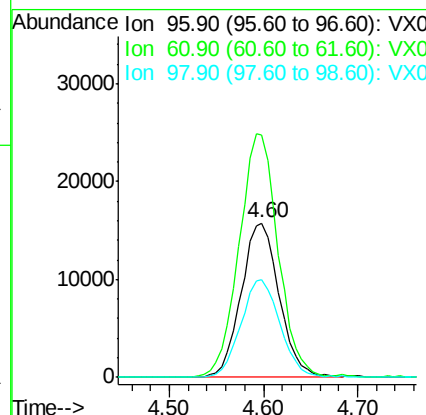
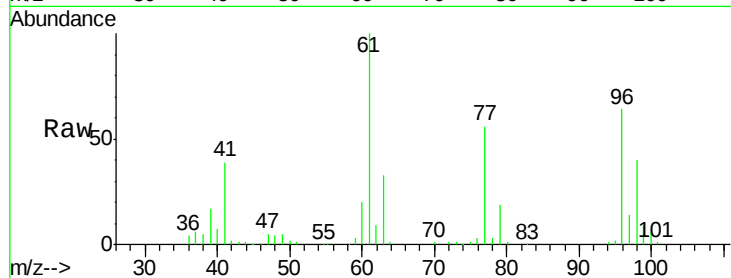
#27
 cis-1,2-Dichloroethene
 Concen: 19.153 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	324.0
98	64.7	0.0	130.4

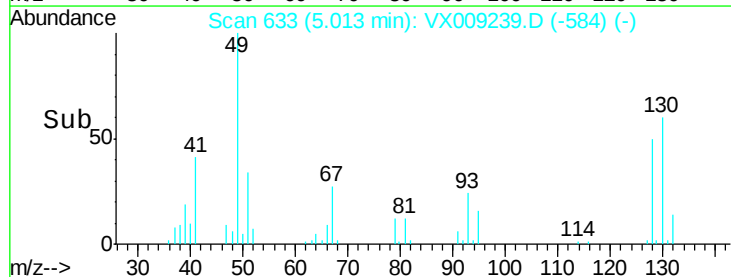
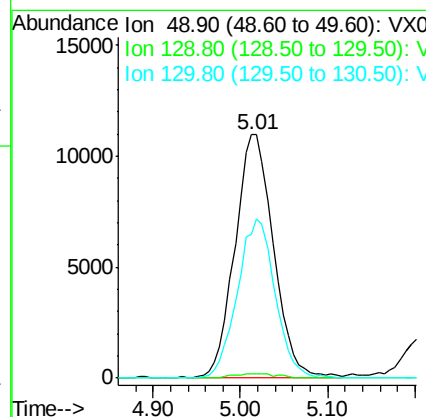
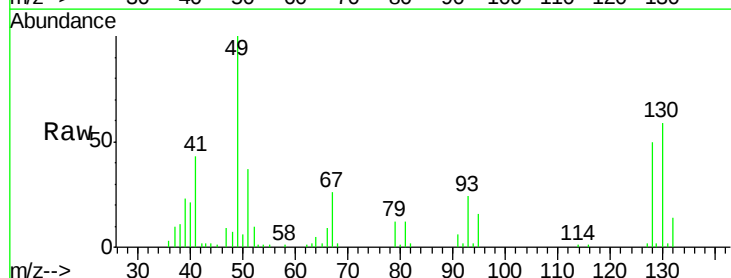
Manual Integrations
 APPROVED

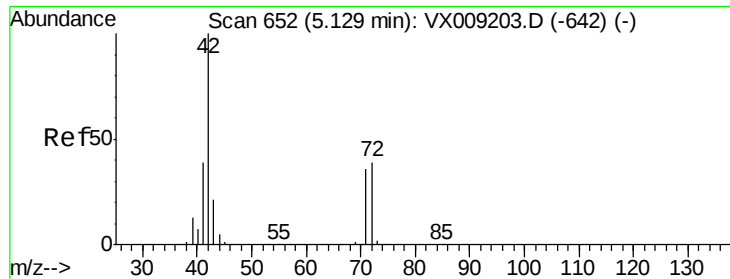
MMDadoda
 5/1/2019 10:05:09 AM



#28
 Bromochloromethane
 Concen: 18.404 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	63.6	51.2	76.8





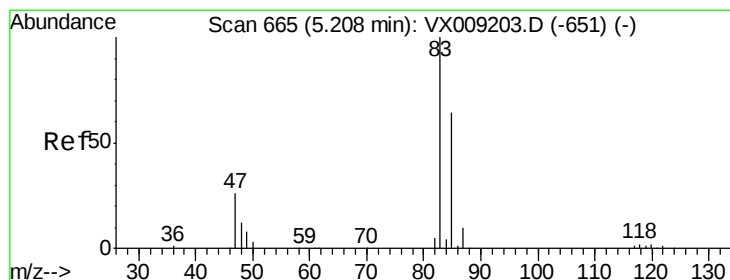
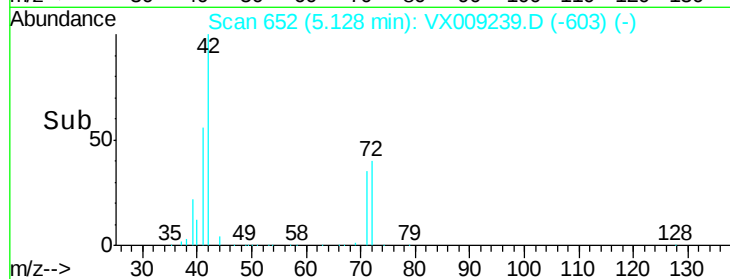
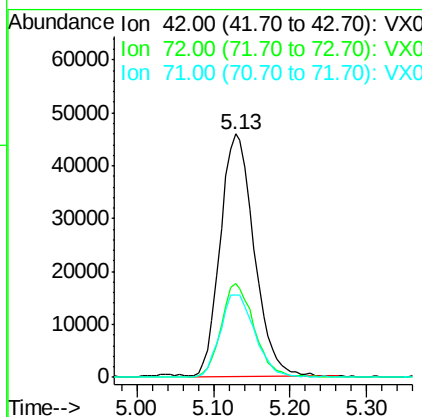
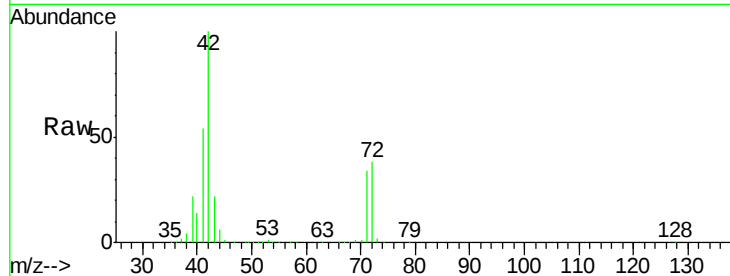
#29
Tetrahydrofuran
Concen: 99.842 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.4	45.6
71	35.1	28.6	43.0

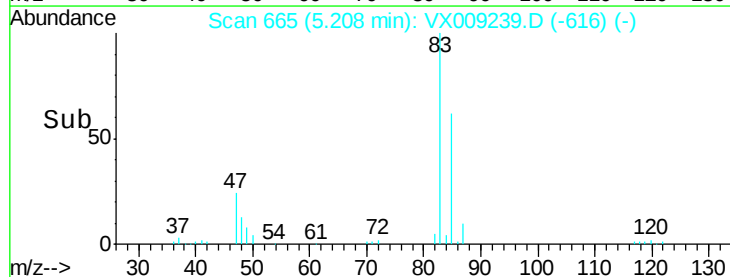
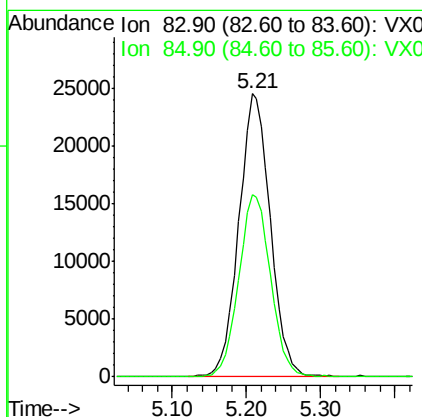
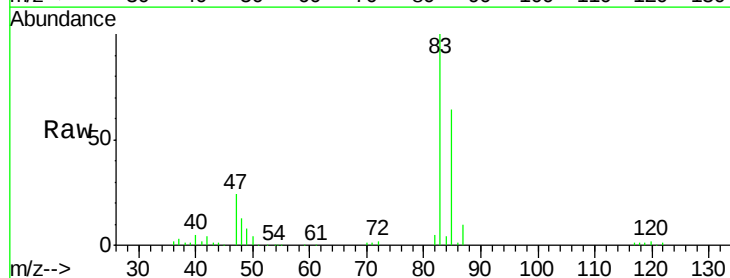
Manual Integrations
APPROVED

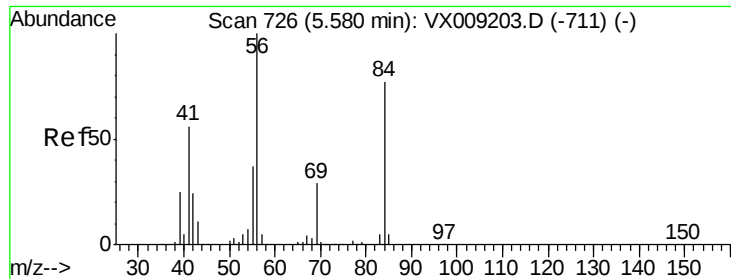
MMDadoda
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#30
Chloroform
Concen: 19.295 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31

Cyclohexane

Concen: 19.691 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

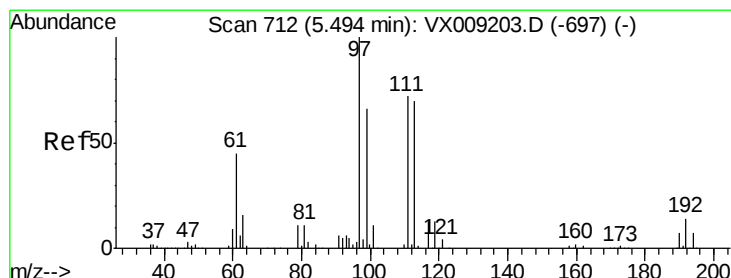
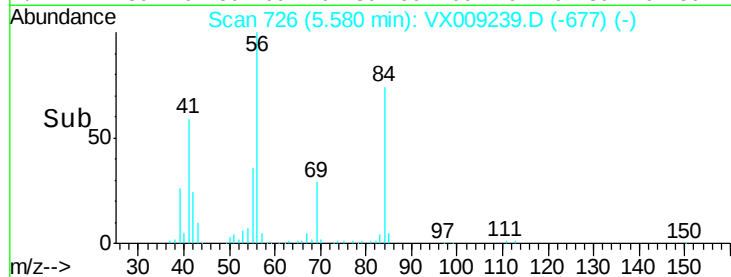
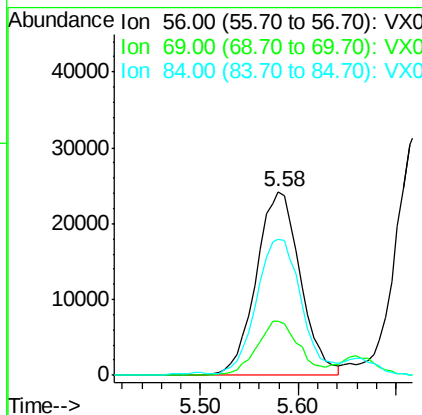
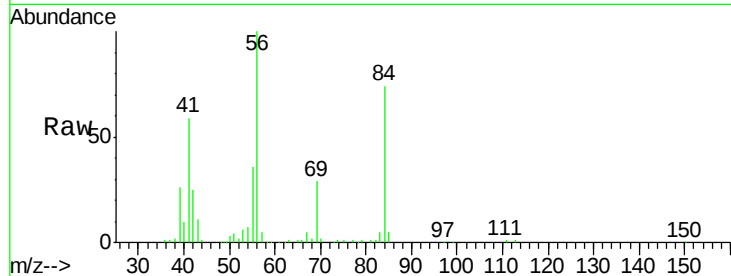
ClientSampleId :

VX0430WBSD01

Tot Ion:	56	Resp:	76326
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.4	35.0
84	72.7	61.9	92.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.061 ug/l

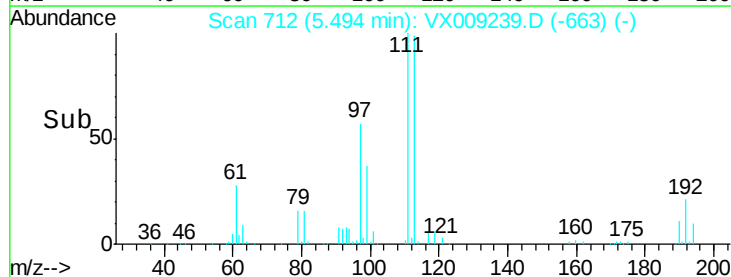
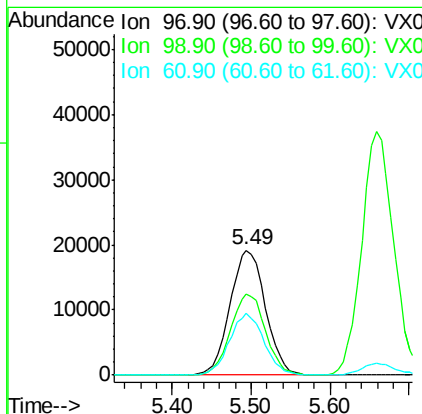
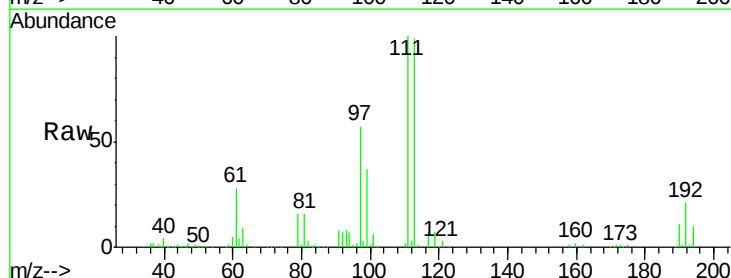
RT: 5.49 min Scan# 712

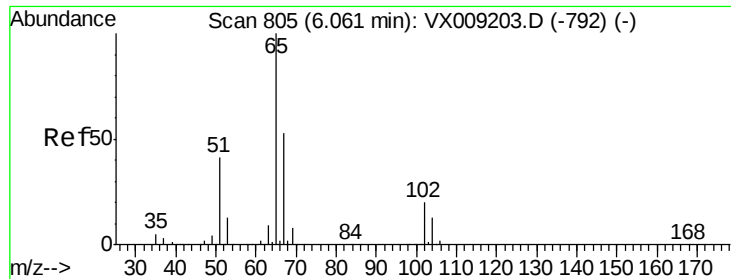
Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Tgt Ion:	97	Resp:	59789
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	48.6	37.8	56.8





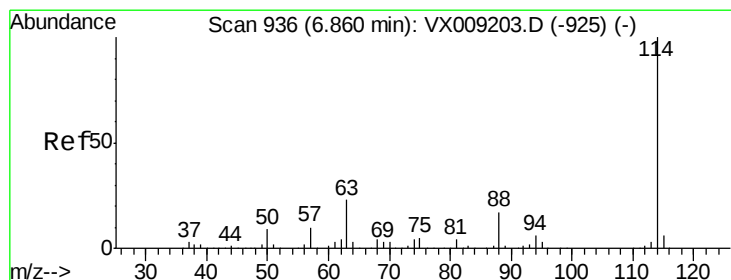
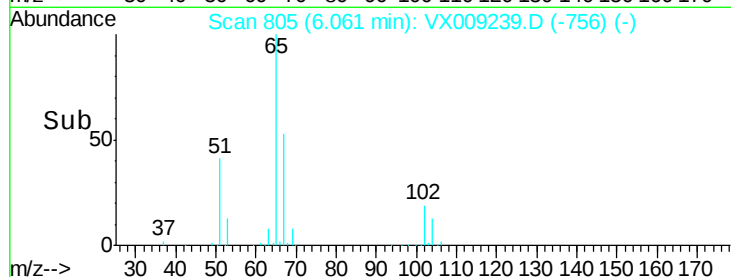
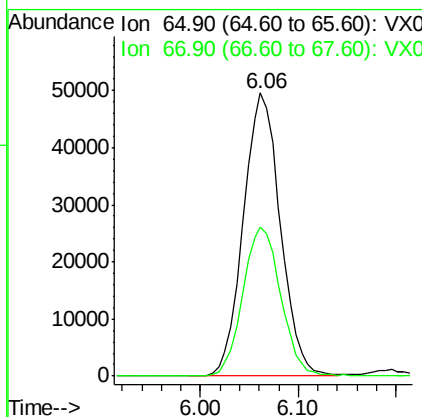
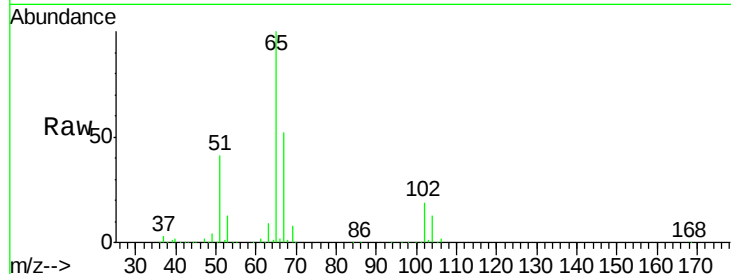
#33
 1,2-Dichloroethane-d4
 Concen: 49.578 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.6

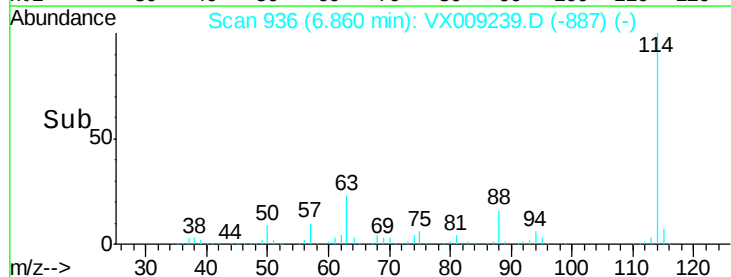
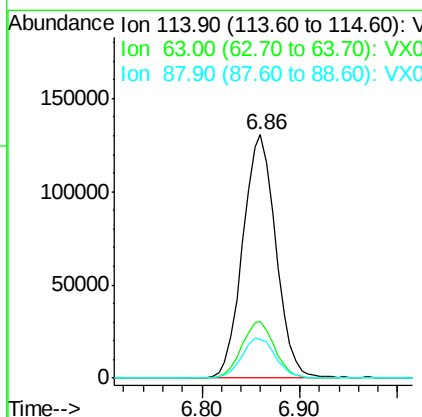
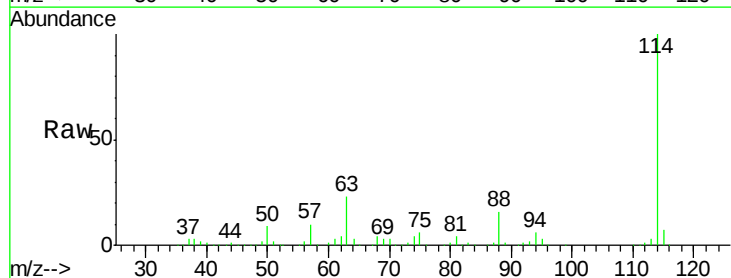
Manual Integrations
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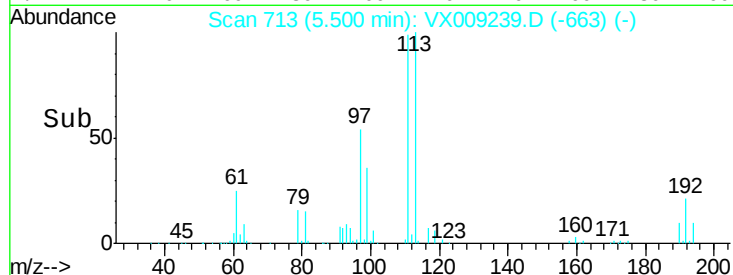
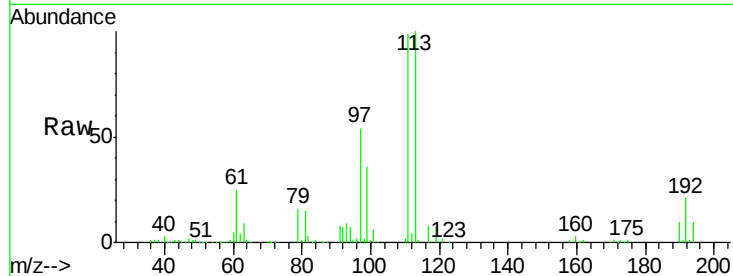
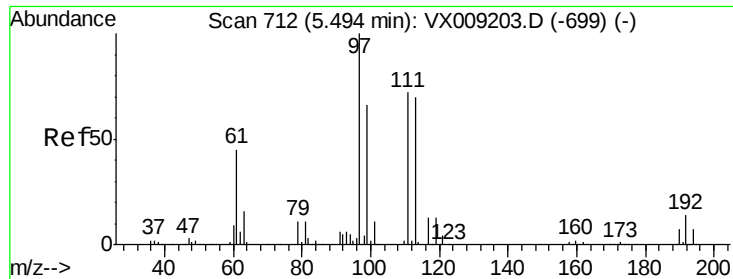
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.0	0.0	33.2





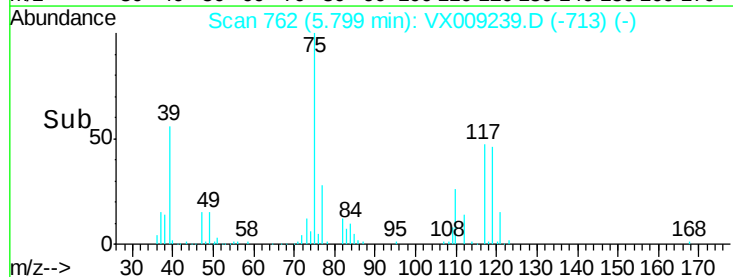
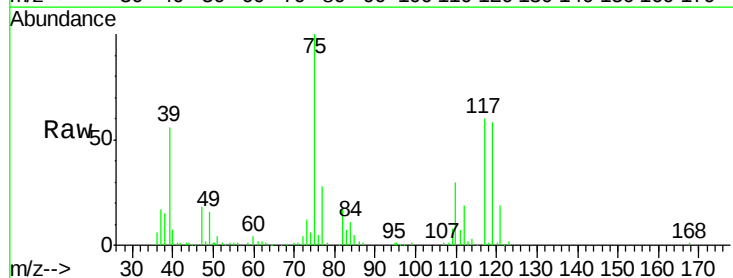
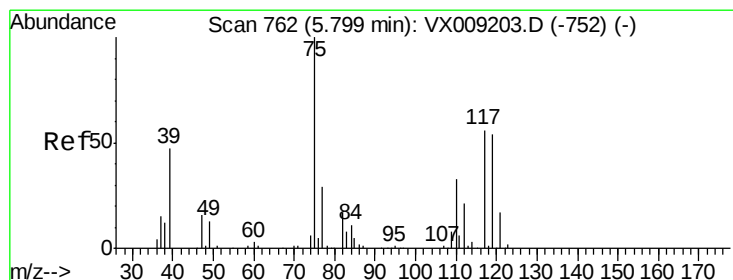
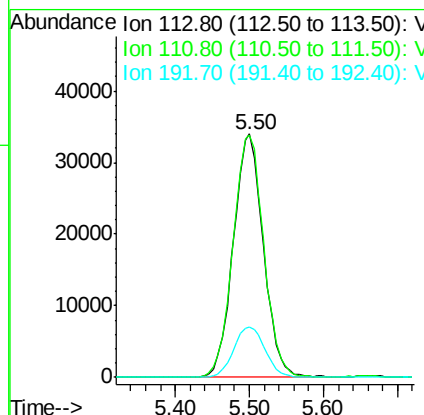
#35
Dibromofluoromethane
Concen: 49.785 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96137		
111	101.7	82.8	124.2	
192	21.6	17.0	25.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

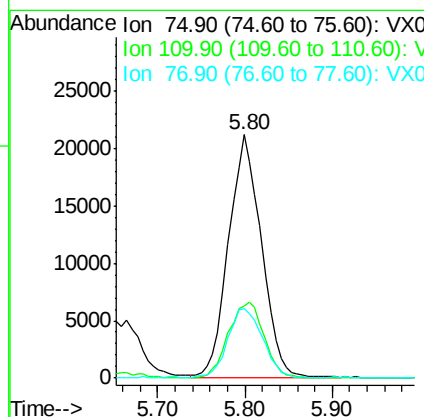
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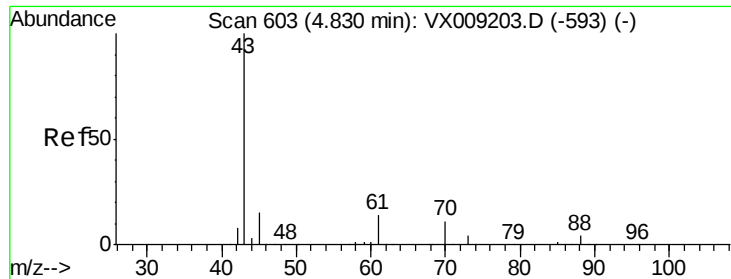
MMDadoda
5/1/2019 10:05:09 AM



#36
1,1-Dichloropropene
Concen: 19.310 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55123		
110	34.1	16.9	50.6	
77	30.8	24.8	37.2	





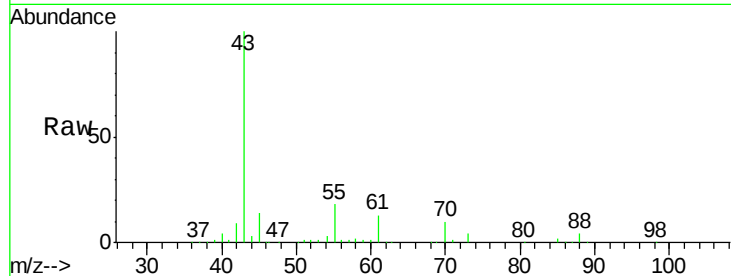
#37
Ethyl Acetate
Concen: 19.951 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

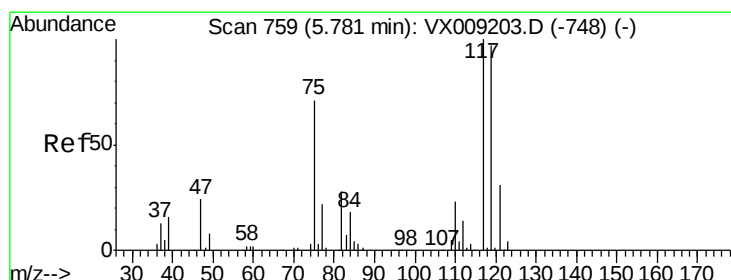
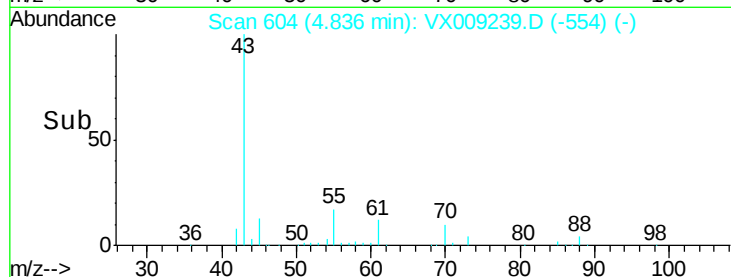
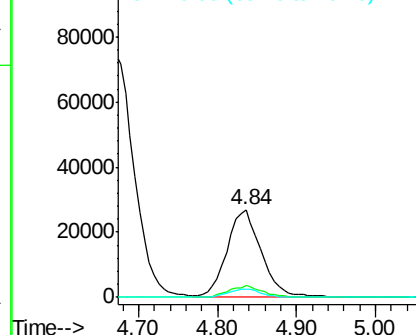
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.9	7.9	11.9

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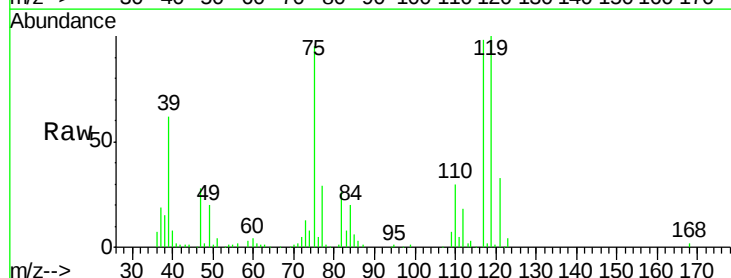


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

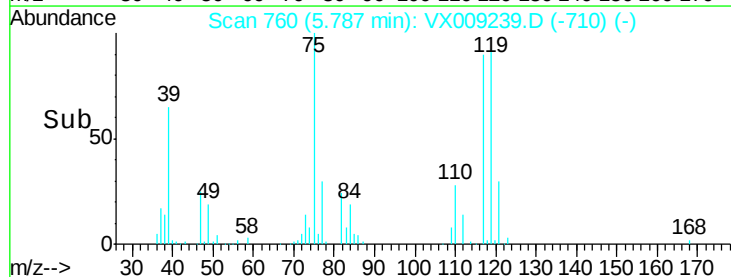
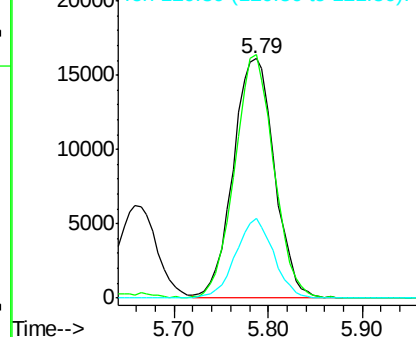


#38
Carbon Tetrachloride
Concen: 18.989 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.8	77.5	116.3
121	33.1	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





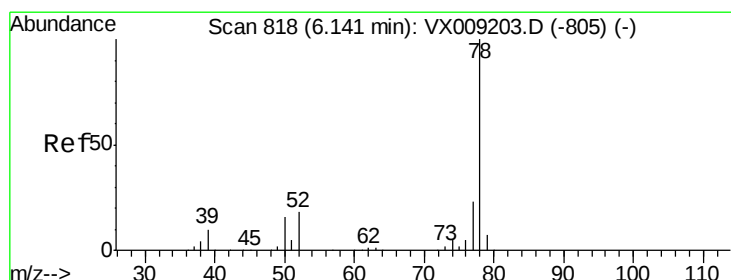
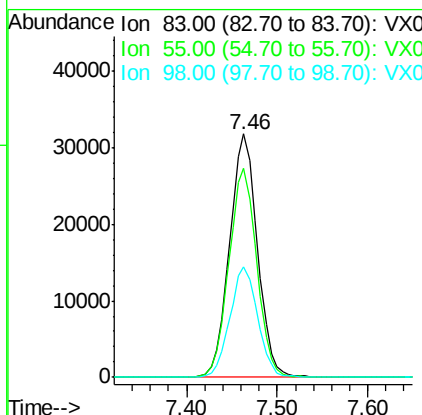
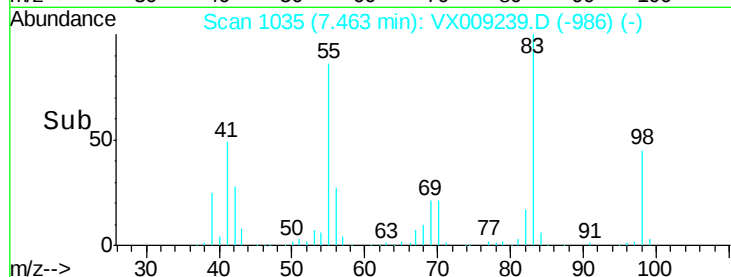
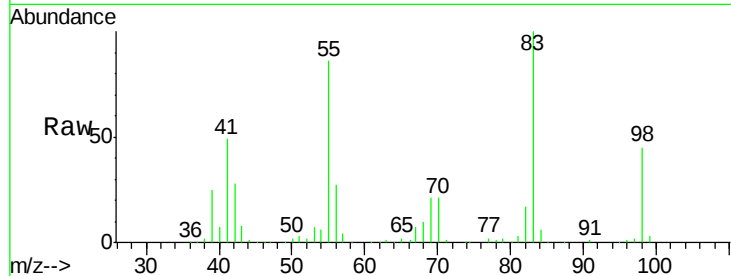
#39
Methvlcvclohexane
Concen: 19.306 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.9	67.7	101.5
98	45.3	35.5	53.3

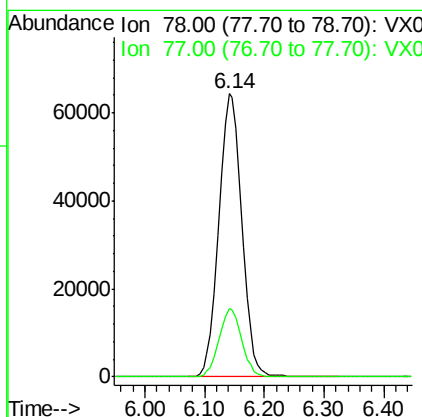
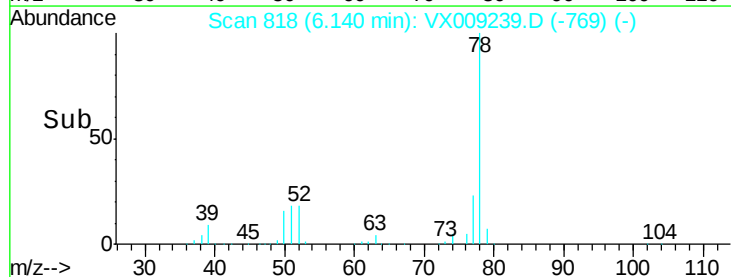
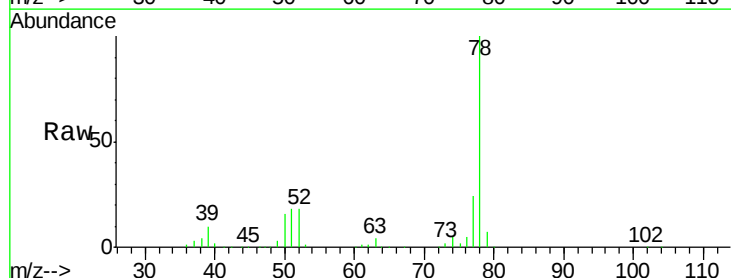
Manual Integrations
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#40
Benzene
Concen: 19.570 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





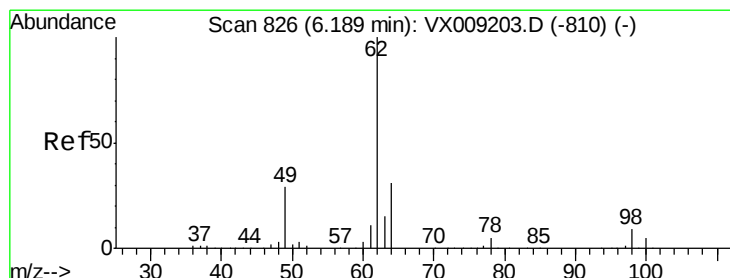
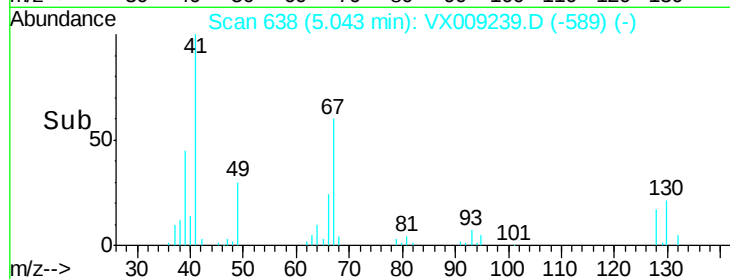
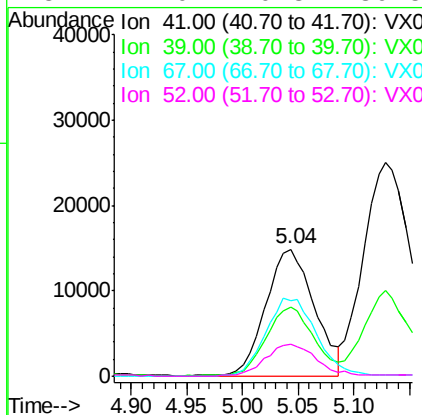
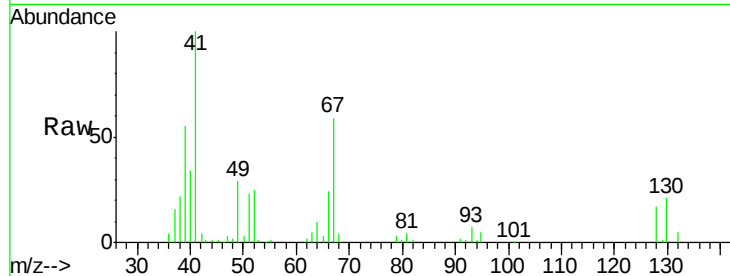
#41
Methacrylonitrile
Concen: 19.197 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion:	41	Resp:	45451
Ion Ratio	Lower	Upper	
41	100		
39	54.1	42.0	63.0
67	64.6	49.8	74.8
52	27.0	20.3	30.5

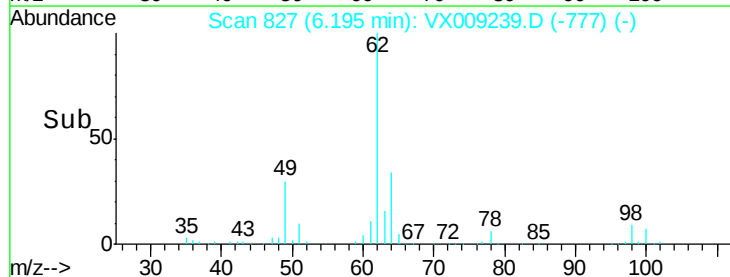
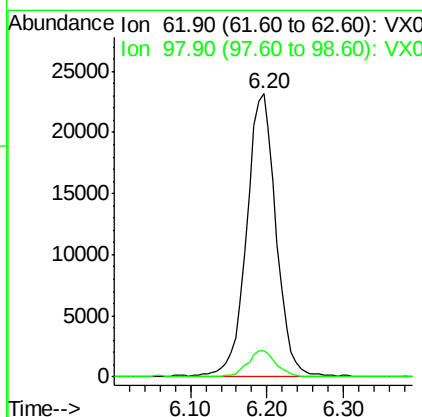
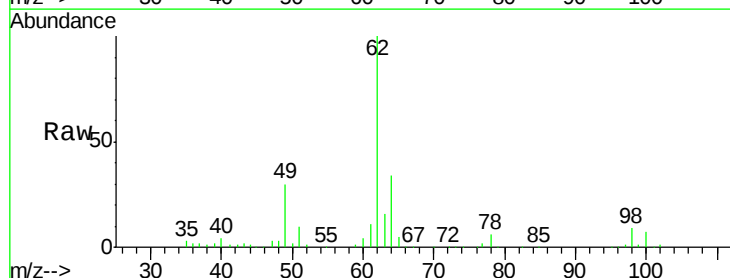
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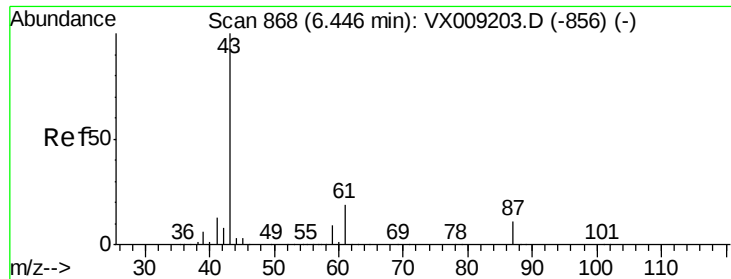
MMDadoda
5/1/2019 10:05:09 AM



#42
1,2-Dichloroethane
Concen: 19.663 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion:	62	Resp:	62315
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.323 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

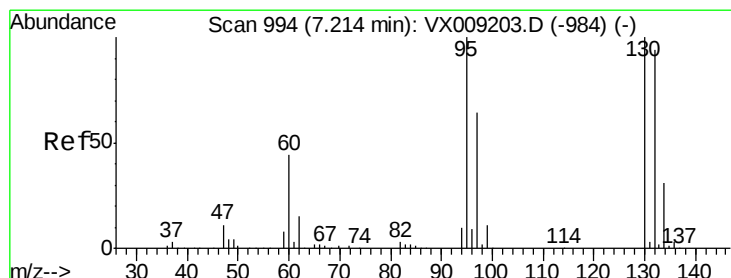
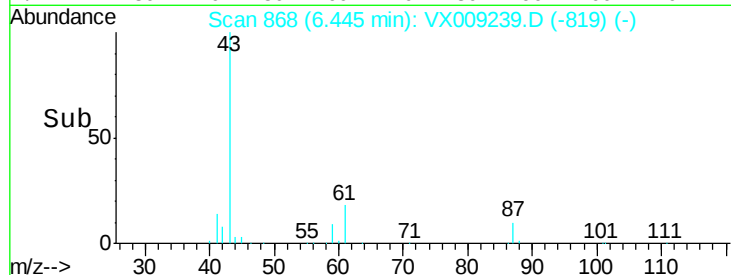
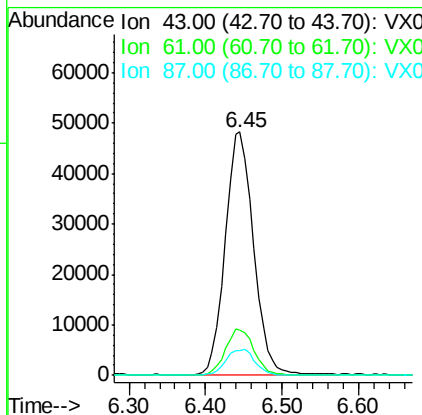
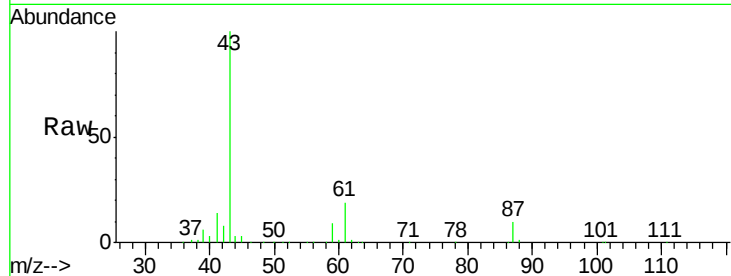
ClientSampleId :

VX0430WBSD01

Tot Ion:	43	Resp:	122932
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.1	22.7
87	11.4	9.0	13.6

Manual Integrations
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5/1/2019 10:05:09 AM



#44

Trichloroethene

Concen: 18.976 ug/l

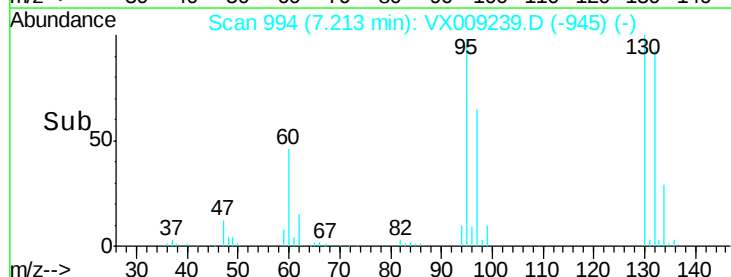
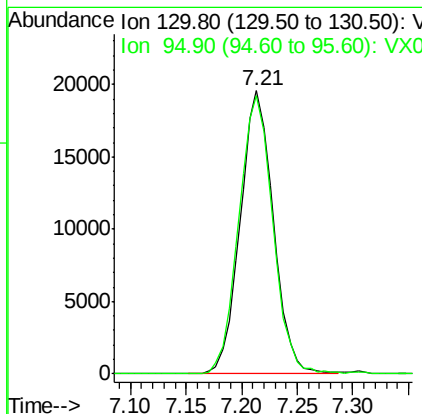
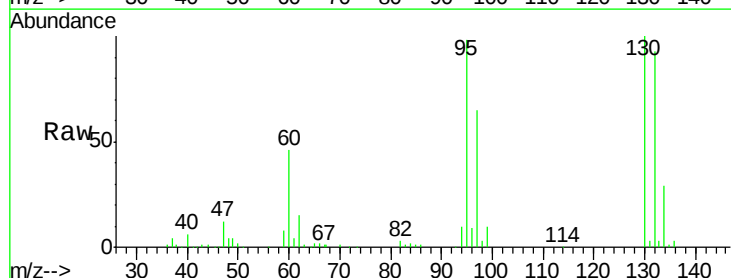
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Tgt Ion:	130	Resp:	40529
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	199.2





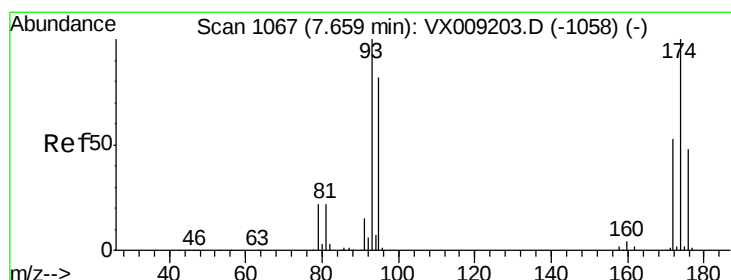
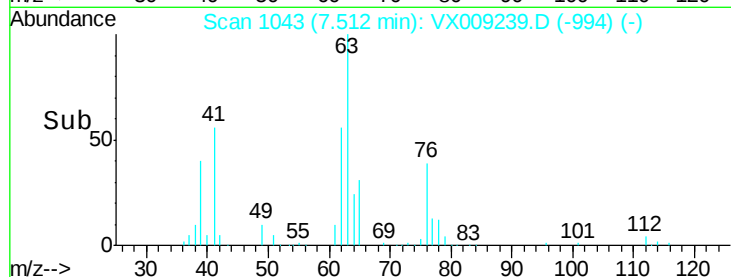
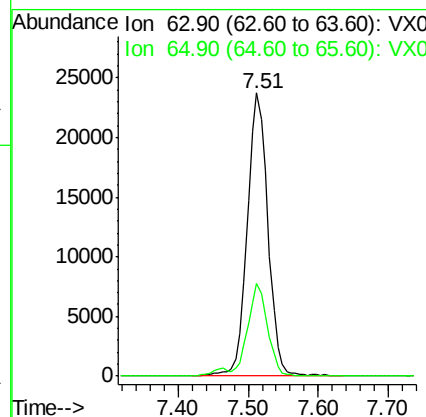
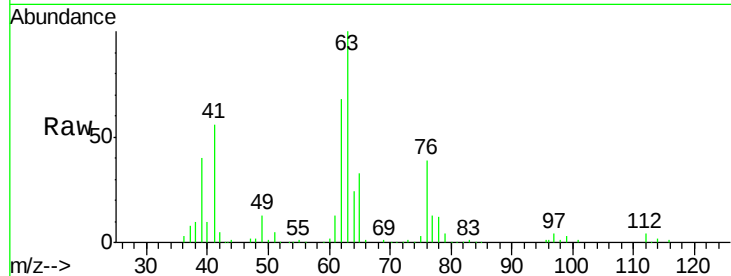
#45
 1,2-Dichloropropane
 Concen: 19.579 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBSD01

Tot Ion: 63 Resp: 48979
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.0 37.6

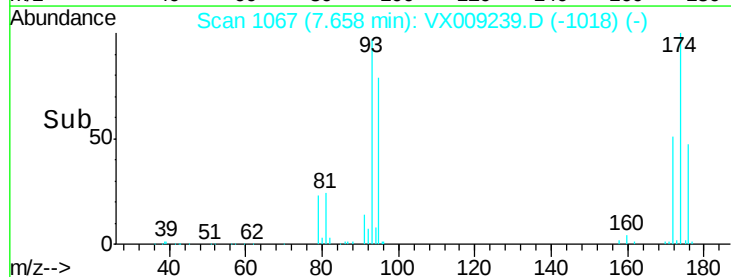
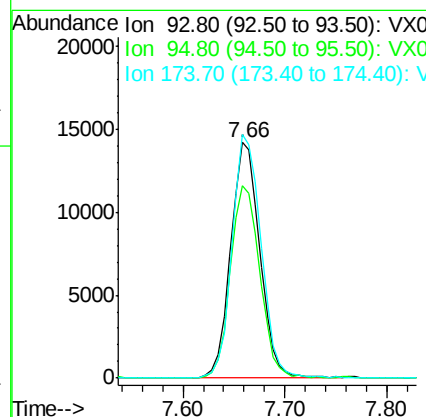
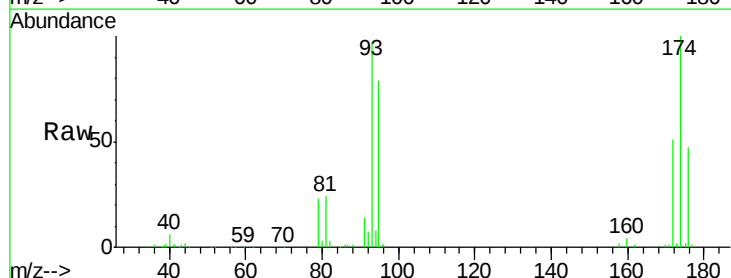
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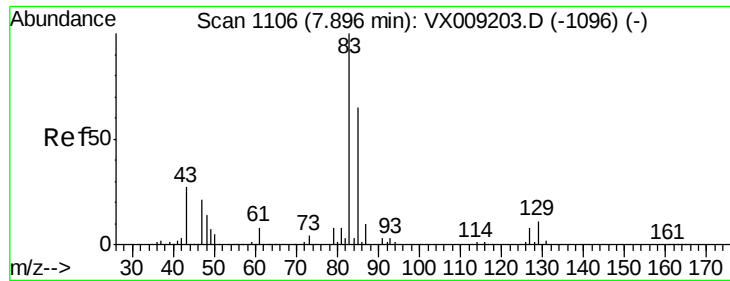
MMDadoda
 5/1/2019 10:05:09 AM



#46
 Dibromomethane
 Concen: 19.248 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion: 93 Resp: 27962
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 103.0 82.1 123.1





#47

Bromodichloromethane

Concen: 19.124 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

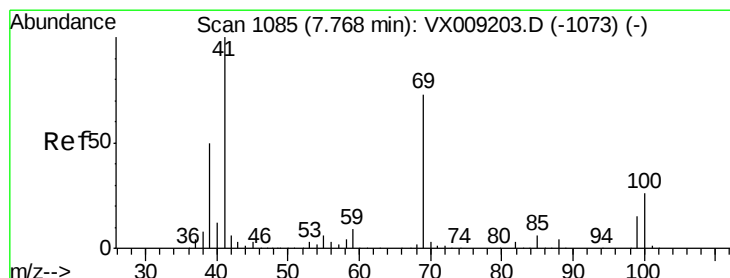
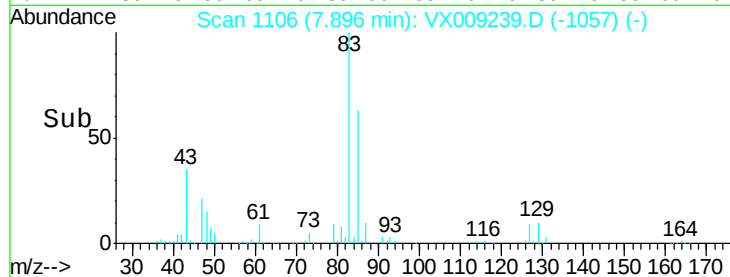
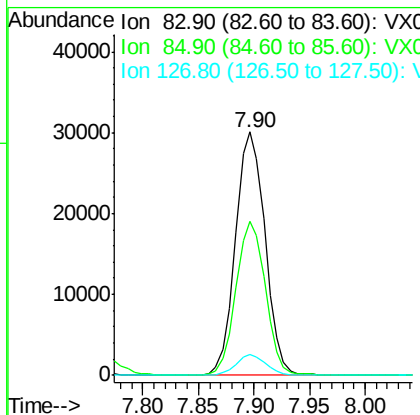
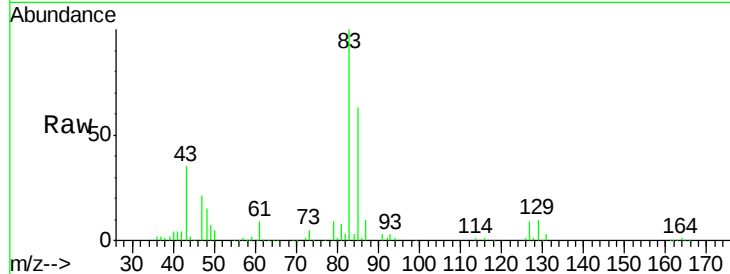
ClientSampleId :

VX0430WBSD01

Tot Ion:	83	Resp:	55418
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.4	78.6
127	8.6	6.6	10.0

Manual Integrations
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5/1/2019 10:05:09 AM



#48

Methyl methacrylate

Concen: 19.923 ug/l

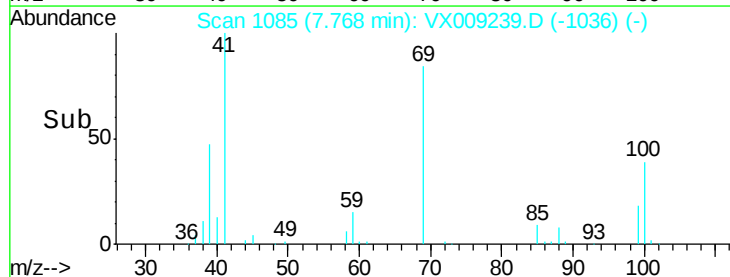
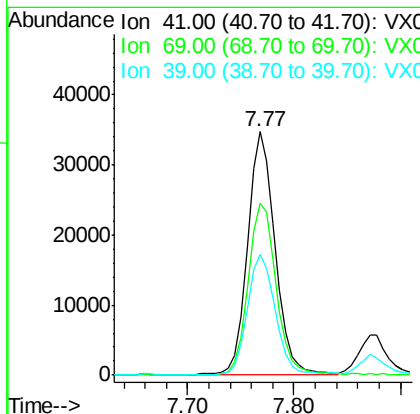
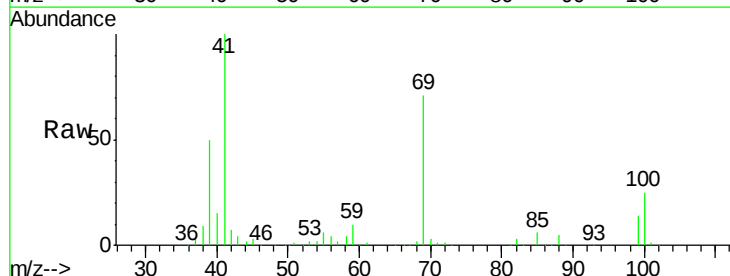
RT: 7.77 min Scan# 1085

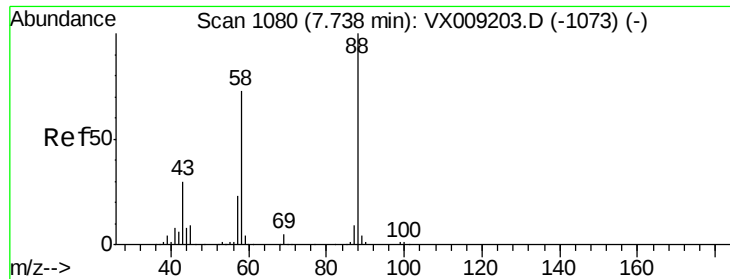
Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Tgt Ion:	41	Resp:	62885
Ion	Ratio	Lower	Upper
41	100		
69	72.6	59.1	88.7
39	50.7	40.4	60.6





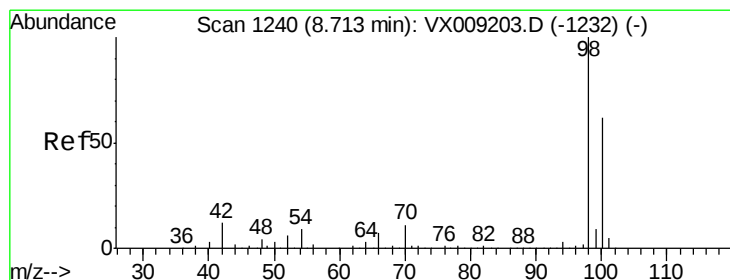
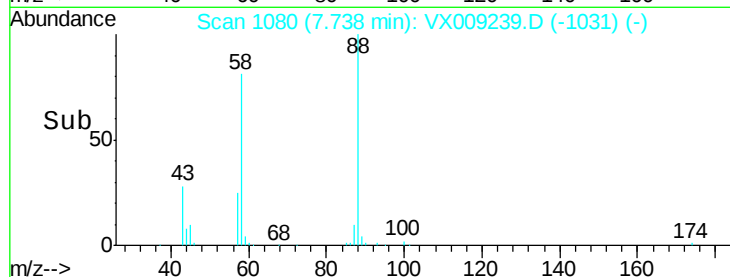
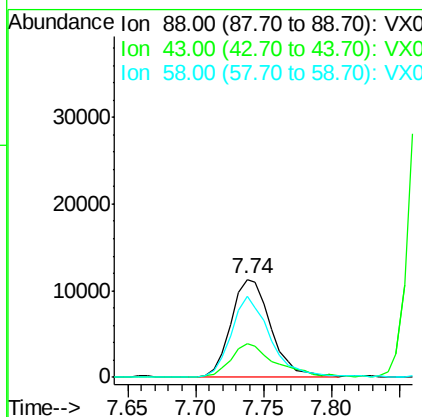
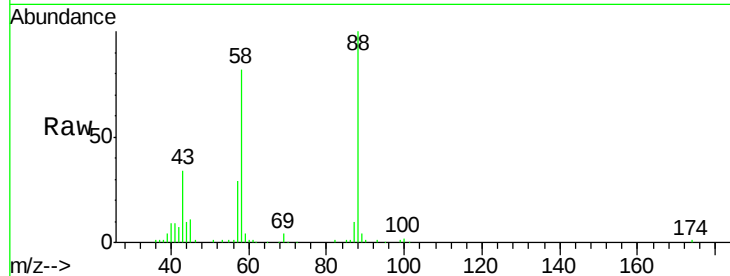
#49
1,4-Dioxane
Concen: 359.850 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.6	42.8
58	82.0	61.7	92.5

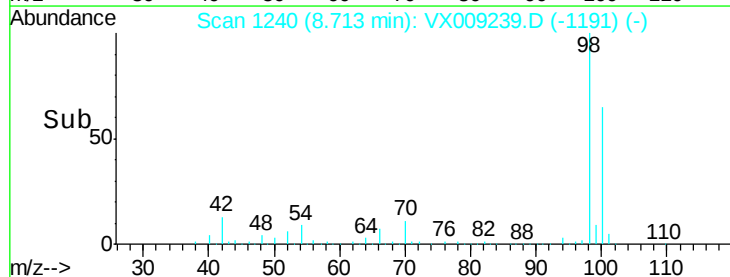
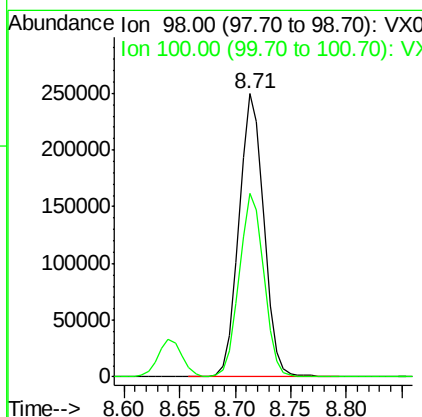
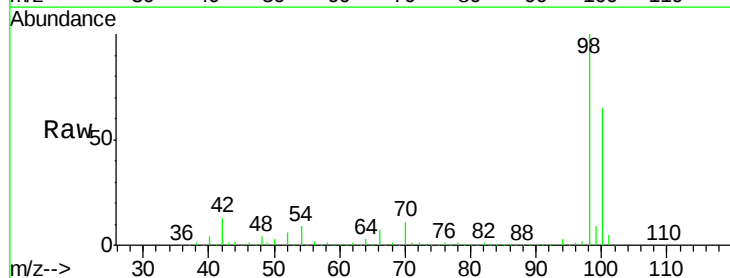
Manual Integrations
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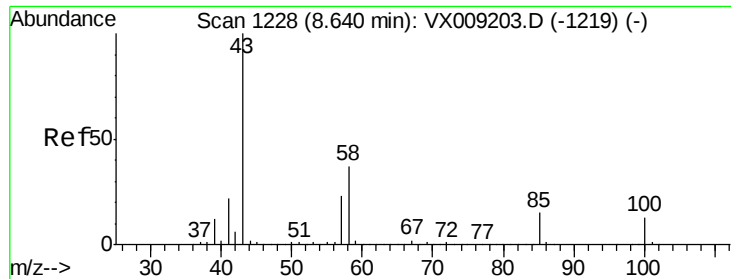
MMDadoda
5/1/2019 10:05:09 AM



#50
Toluene-d8
Concen: 49.527 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 99.352 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 43 Resp: 413137

Ion Ratio Lower Upper

43 100

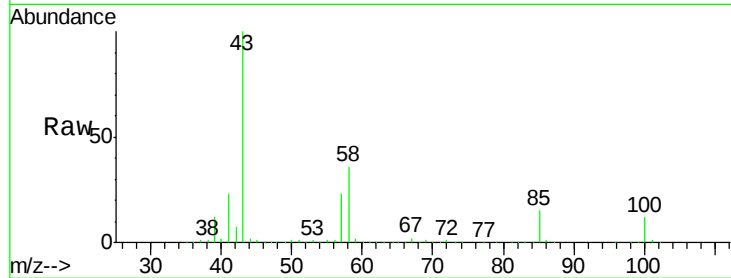
58 36.2 29.5 44.3

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

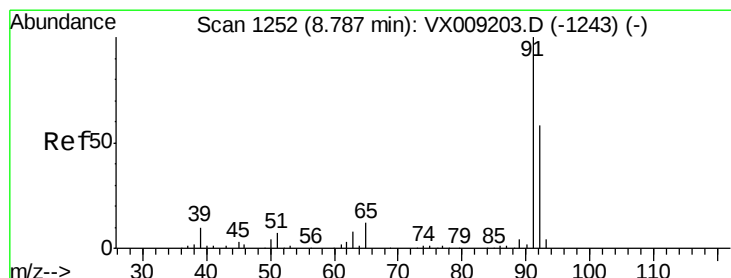
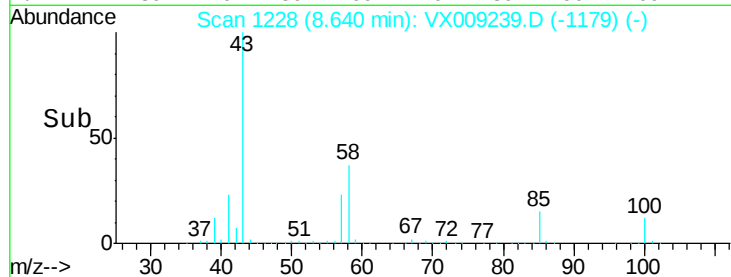
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.441 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009239.D

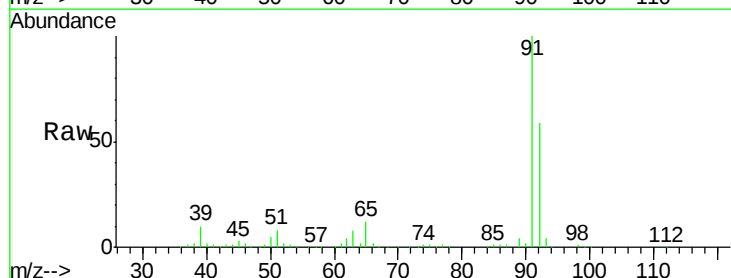
Acq: 30 Apr 2019 12:34

Tgt Ion: 92 Resp: 104403

Ion Ratio Lower Upper

92 100

91 173.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

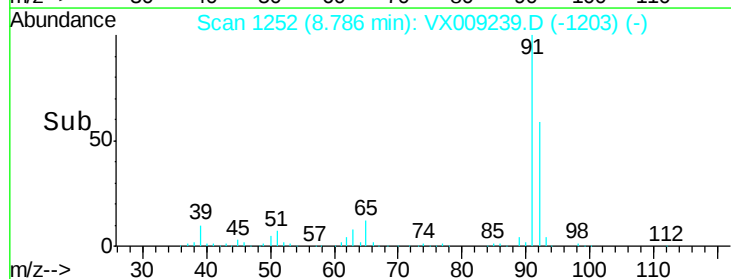
8.79

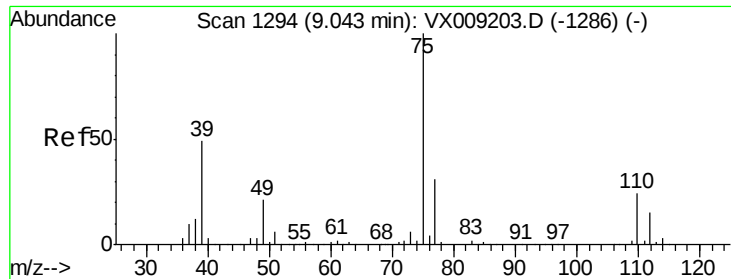
100000

50000

0

Time-->





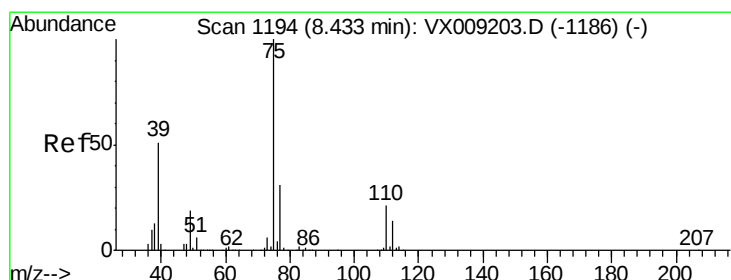
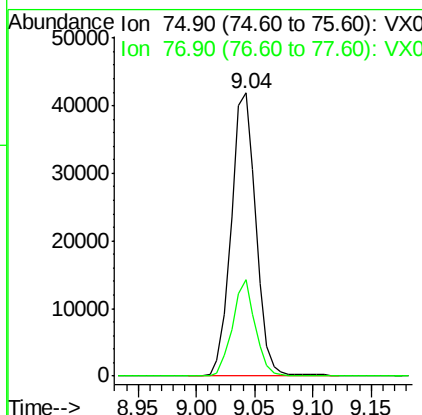
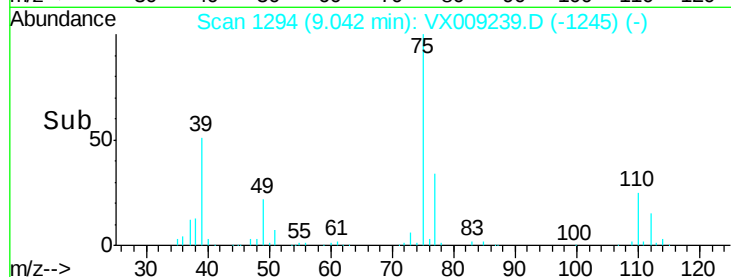
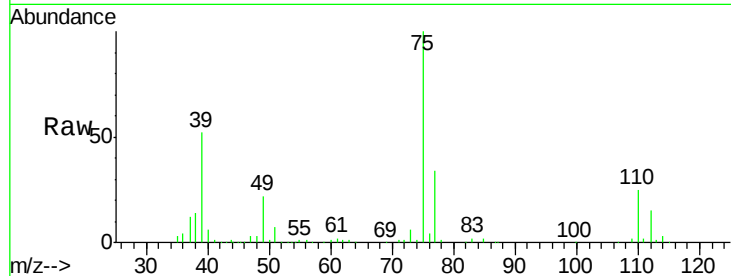
#53
t-1,3-Dichloropropene
Concen: 18.985 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion: 75 Resp: 62112
Ion Ratio Lower Upper
75 100
77 33.9 25.0 37.6

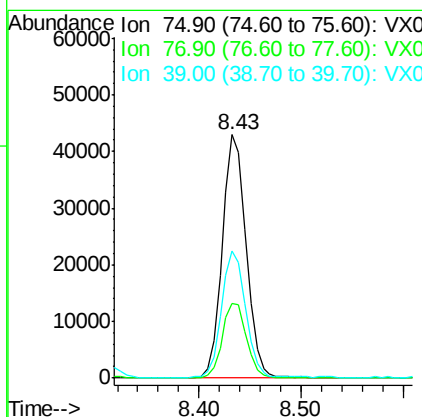
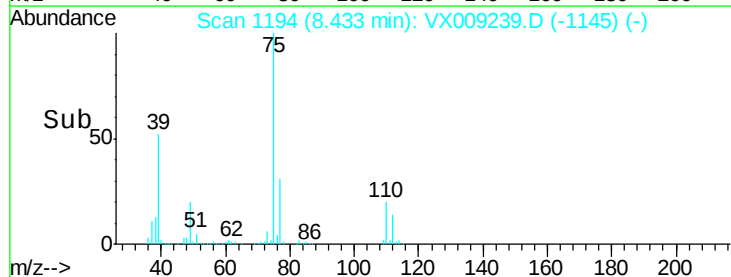
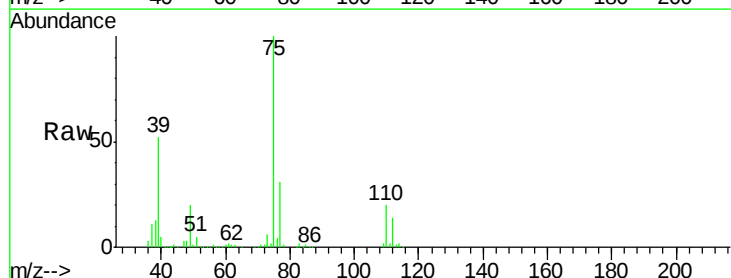
Manual Integrations
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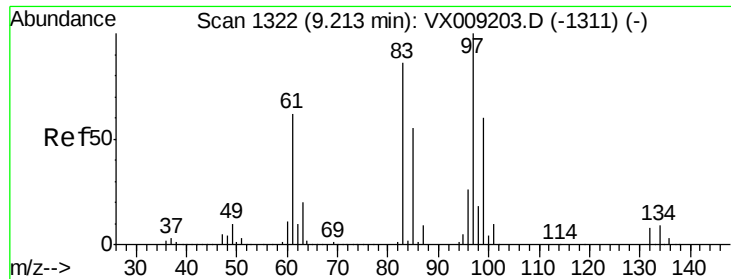
MMDadoda
5/1/2019 10:05:09 AM



#54
cis-1,3-Dichloropropene
Concen: 19.266 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion: 75 Resp: 69766
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8
39 52.1 40.6 60.8





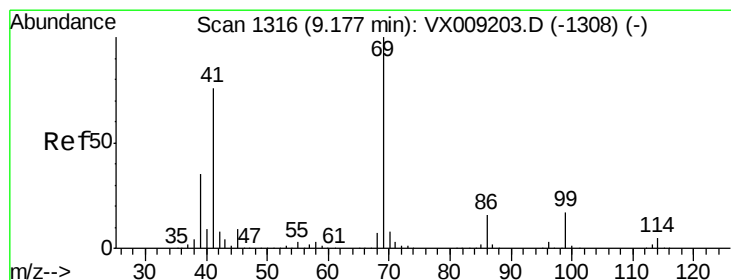
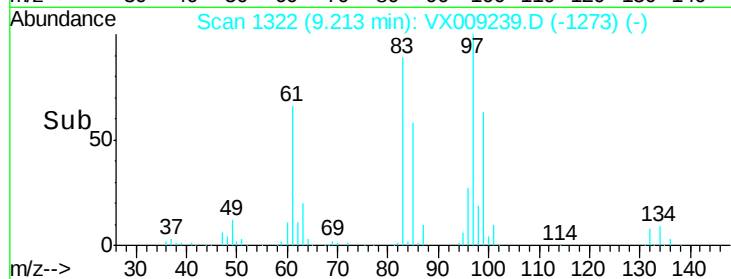
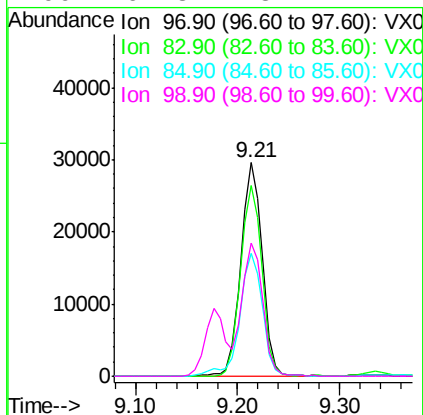
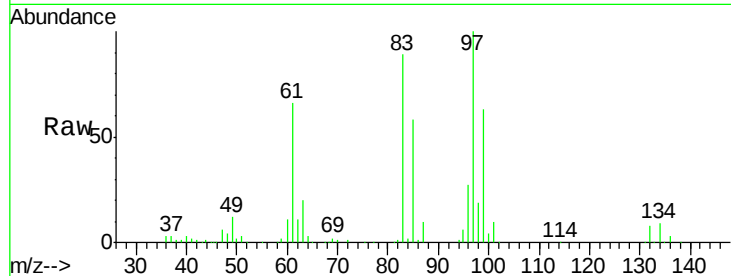
#55
 1,1,2-Trichloroethane
 Concen: 19.560 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.9	103.3
85	57.8	43.8	65.6
99	62.3	48.2	72.2

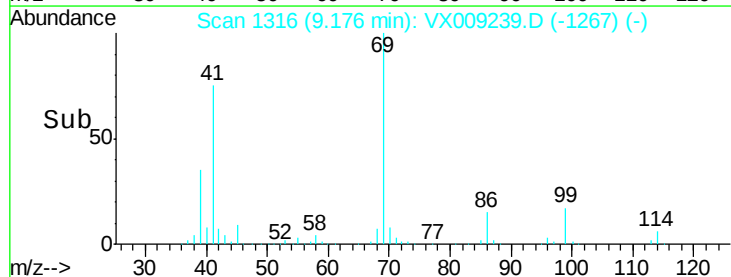
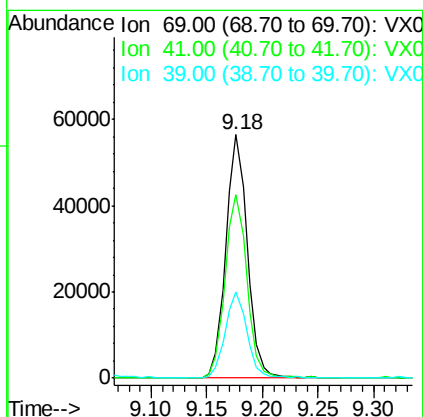
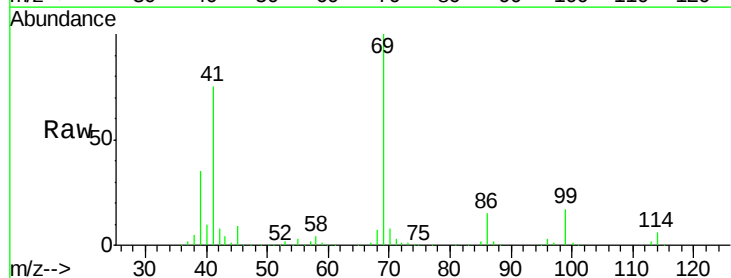
Manual Integrations
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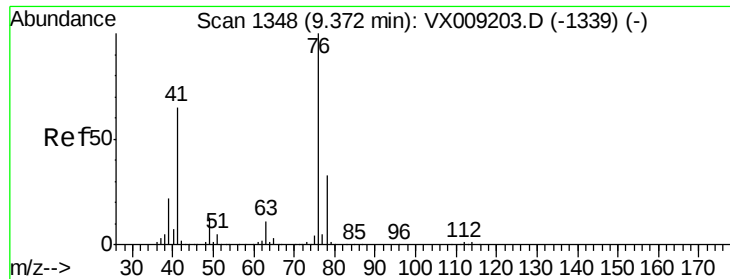
MMDadoda
 5/1/2019 10:05:09 AM



#56
 Ethyl methacrylate
 Concen: 19.381 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.1	60.6	90.8
39	35.1	28.2	42.4





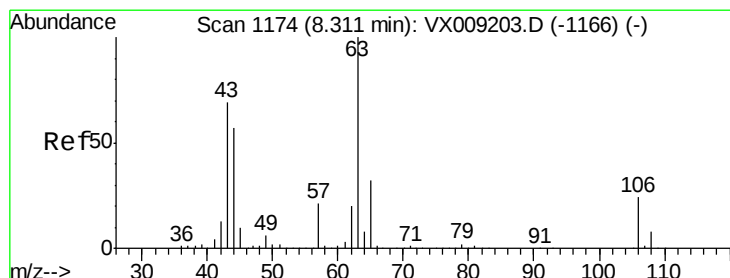
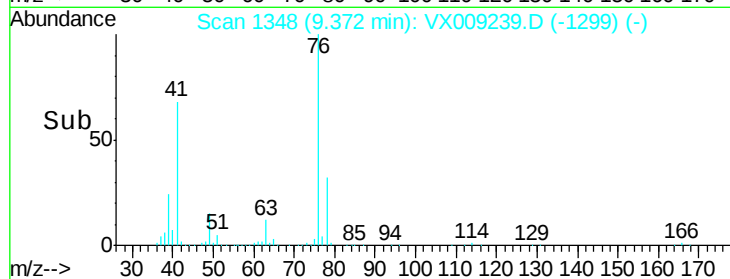
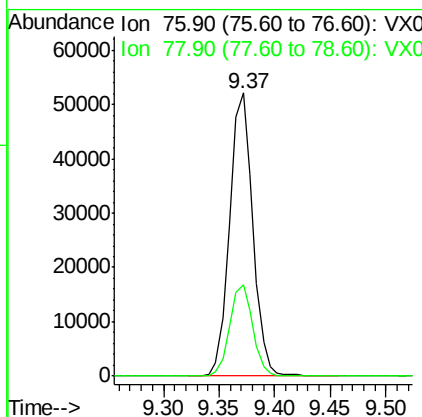
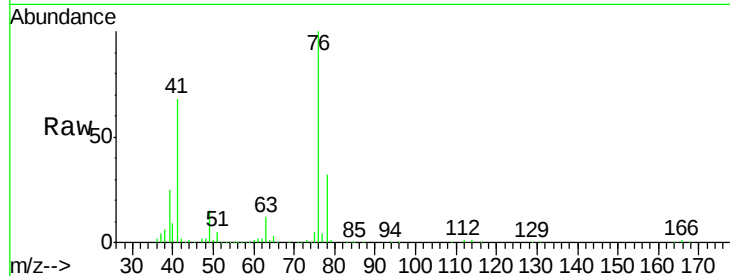
#57
 1,3-Dichloropropane
 Concen: 19.505 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

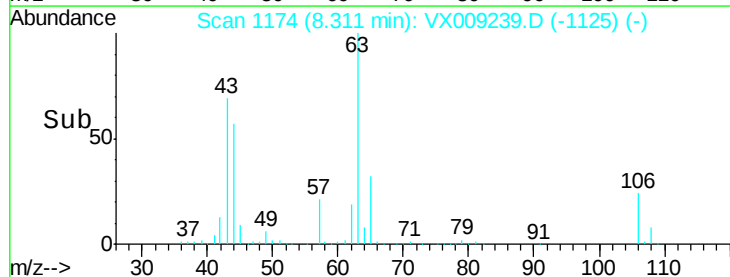
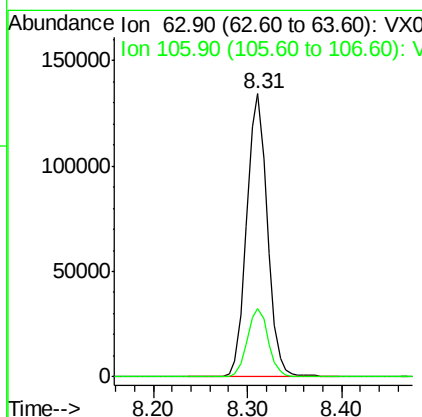
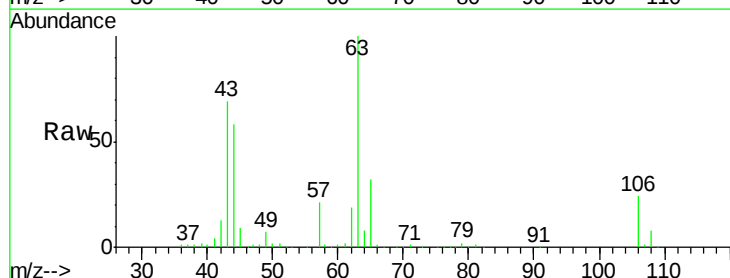
Manual Integrations
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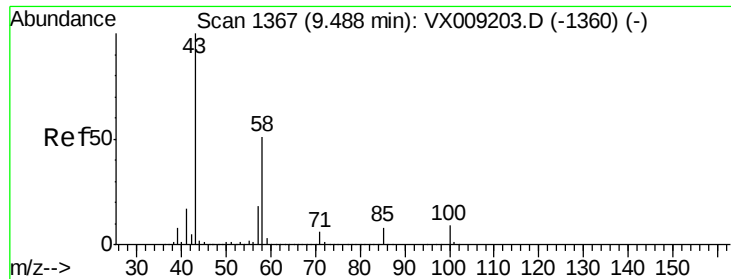
MMDadoda
 5/1/2019 10:05:09 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.878 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.5	19.7	29.5





#59

2-Hexanone

Concen: 97.029 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 43 Resp: 316886

Ion Ratio Lower Upper

43 100

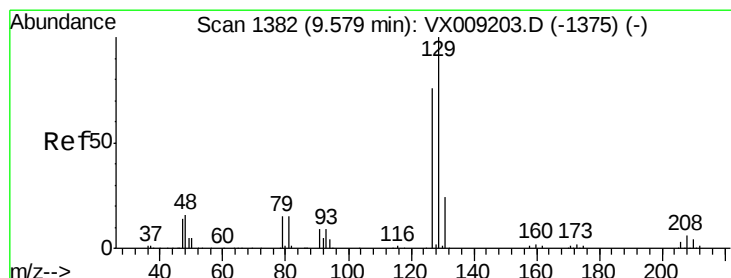
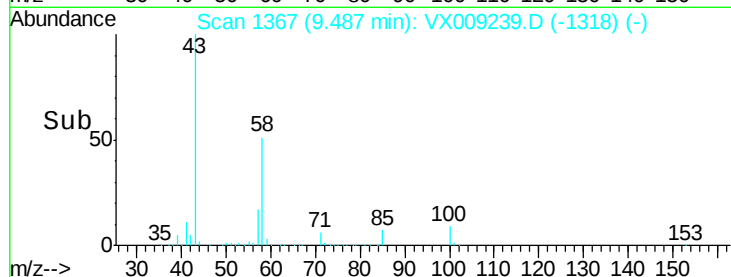
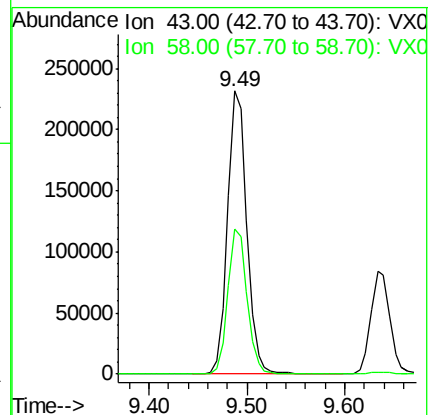
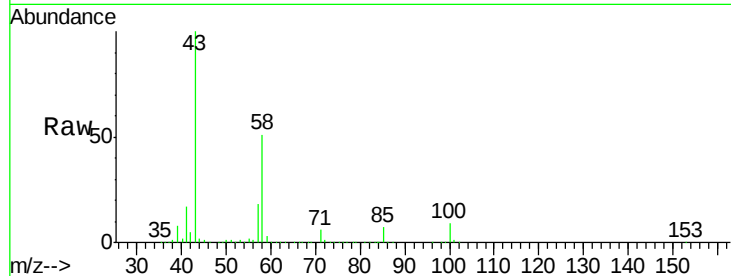
58 51.4 25.9 77.7

Manual Integrations

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#60

Dibromochloromethane

Concen: 18.899 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009239.D

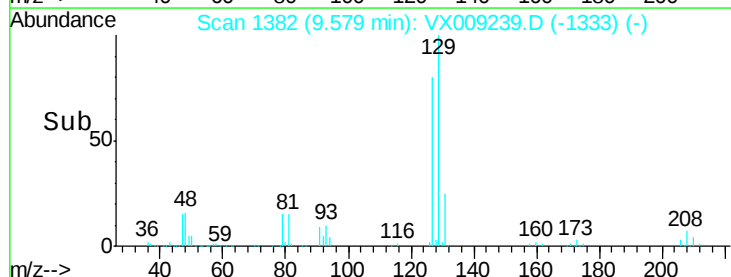
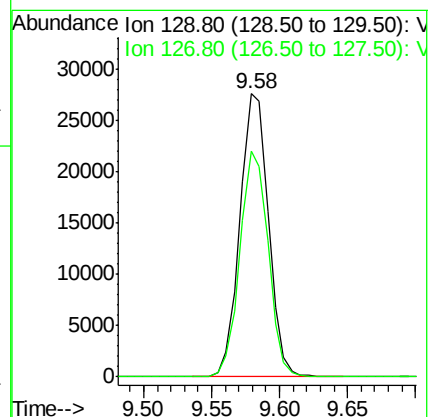
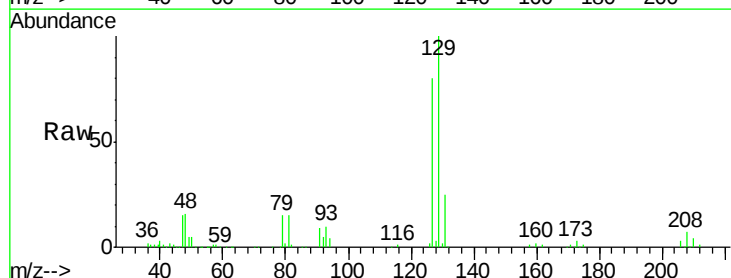
Acq: 30 Apr 2019 12:34

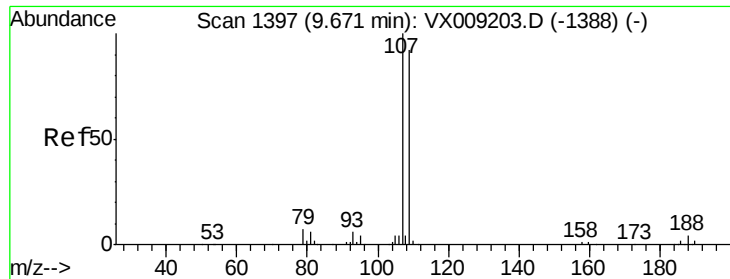
Tgt Ion: 129 Resp: 40441

Ion Ratio Lower Upper

129 100

127 79.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.552 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion:107 Resp: 43241

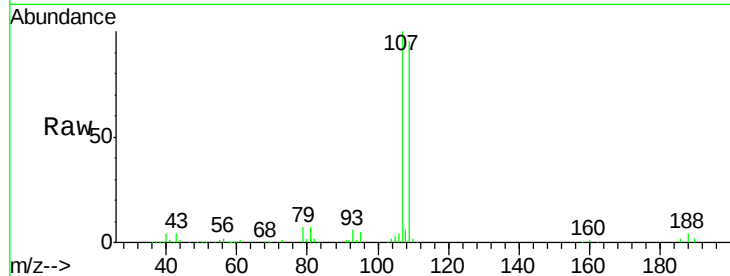
Ion Ratio Lower Upper

107 100

109 93.8 75.2 112.8

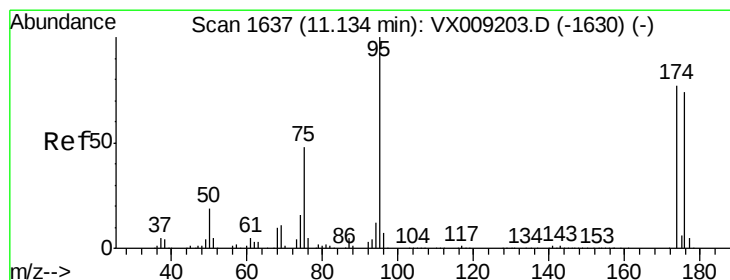
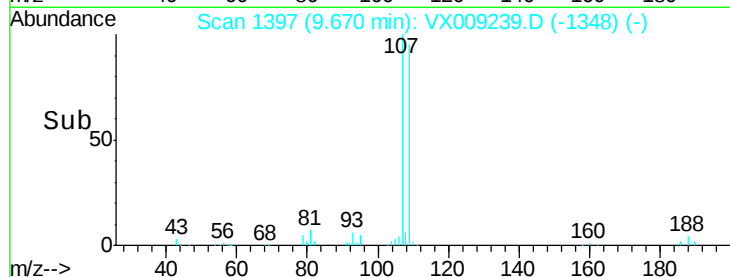
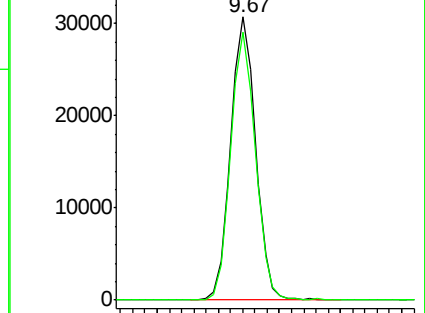
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.611 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

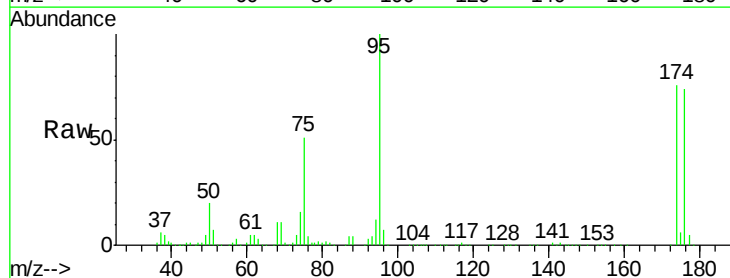
Tgt Ion: 95 Resp: 137705

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

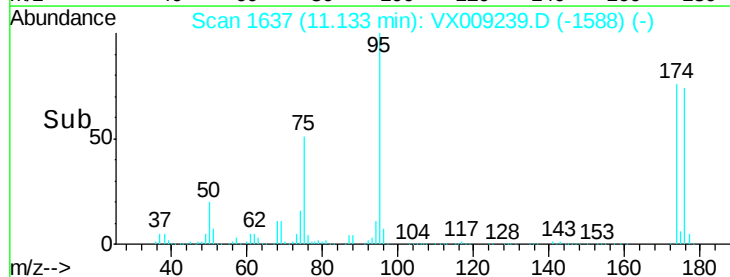
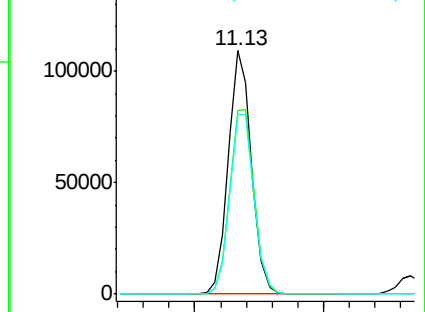
176 78.1 0.0 159.2

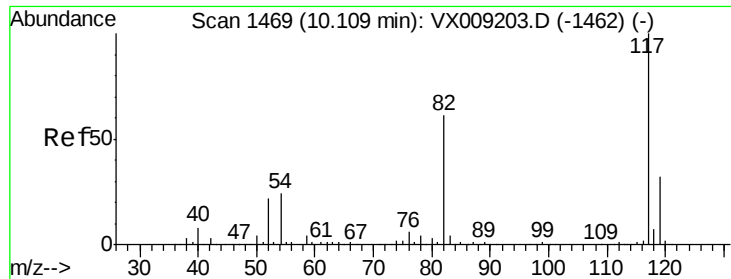


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





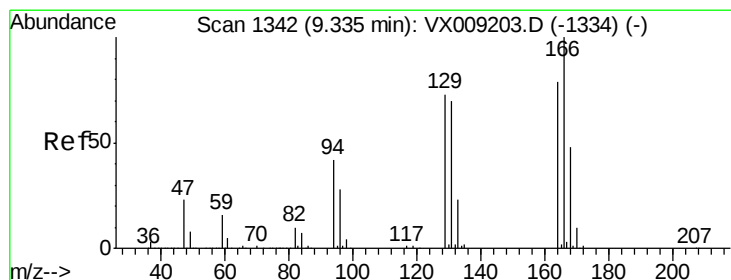
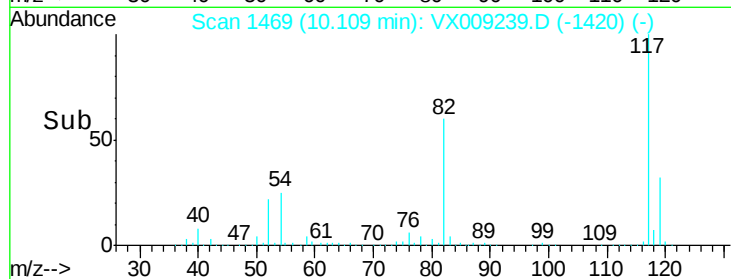
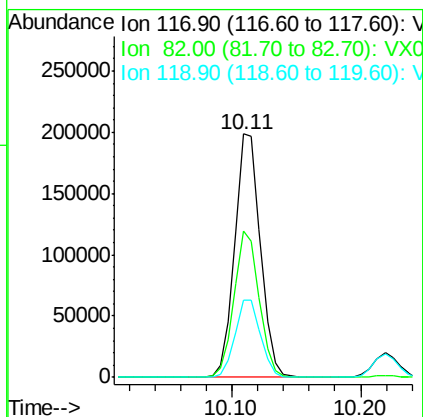
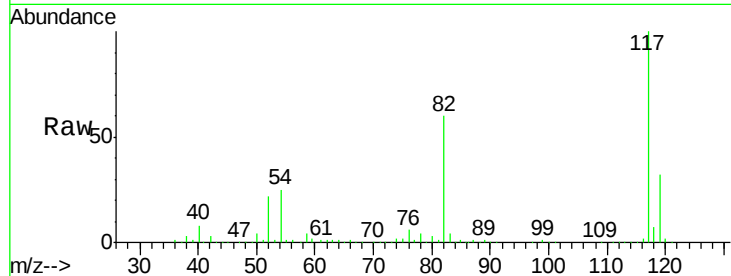
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	48.8	73.2
119	31.9	25.8	38.6

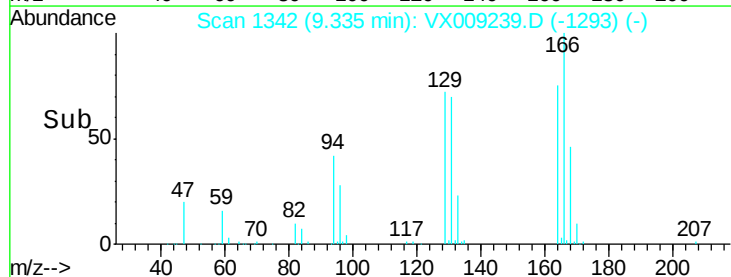
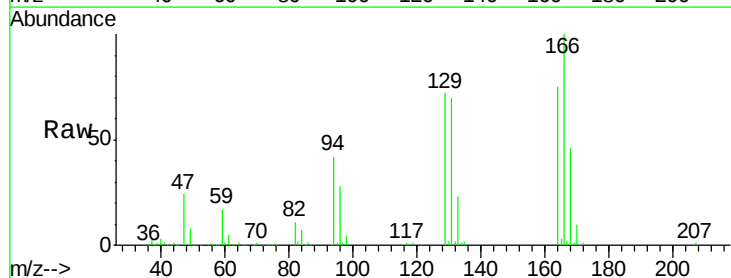
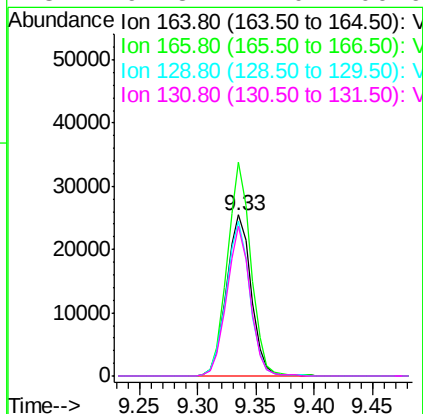
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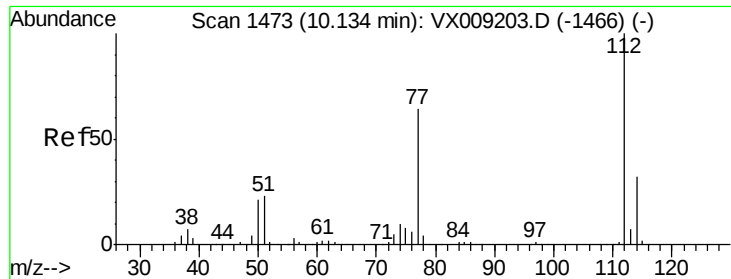
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#64
Tetrachloroethene
Concen: 19.787 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	101.2	151.8
129	96.0	74.3	111.5
131	92.8	71.0	106.6





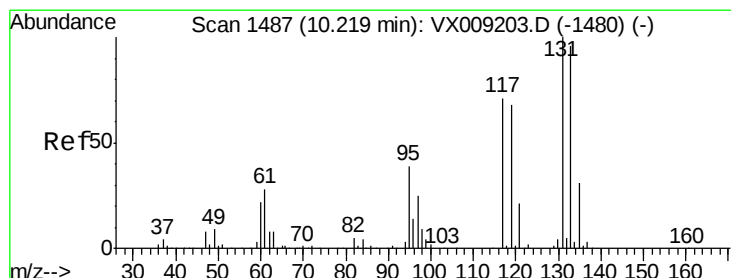
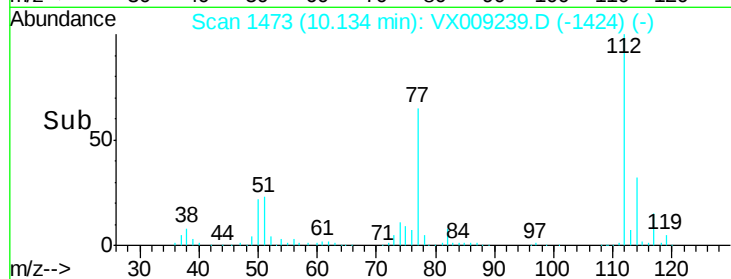
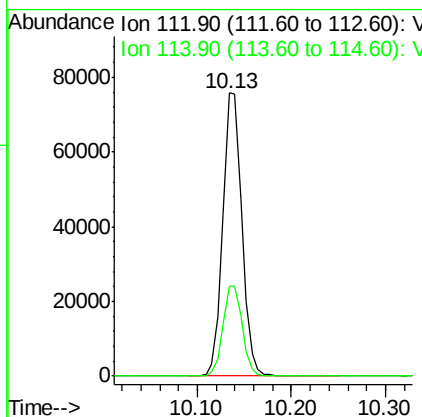
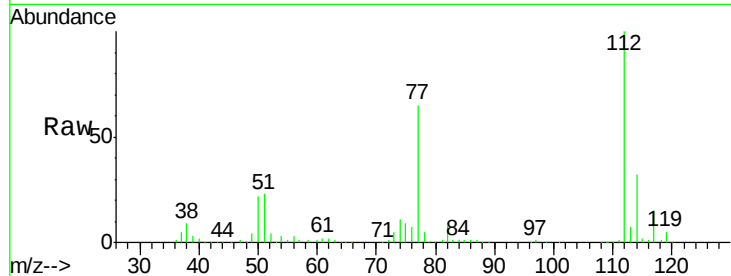
#65
Chlorobenzene
Concen: 19.290 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion:112 Resp: 106632
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

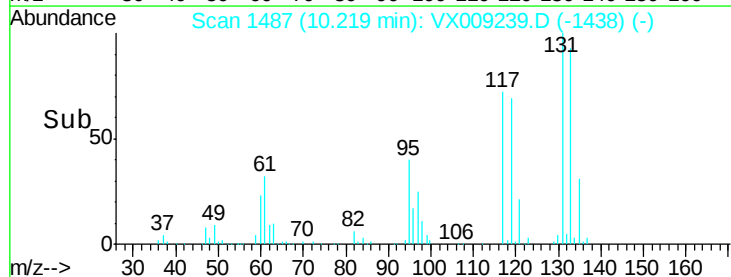
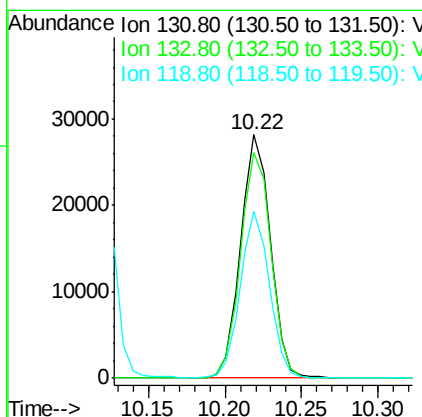
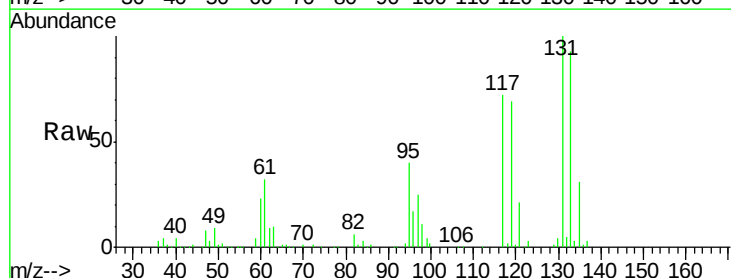
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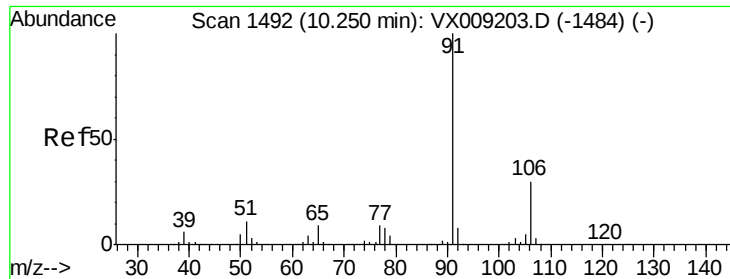
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.053 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion:131 Resp: 38185
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 67.3 33.5 100.4





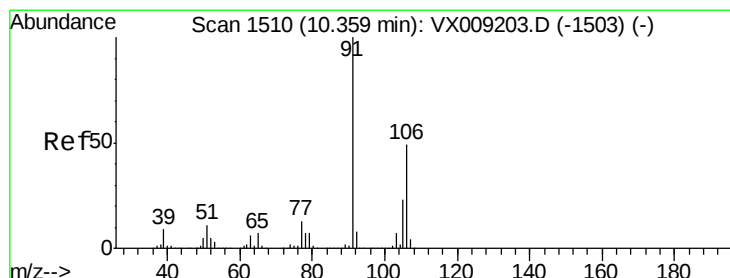
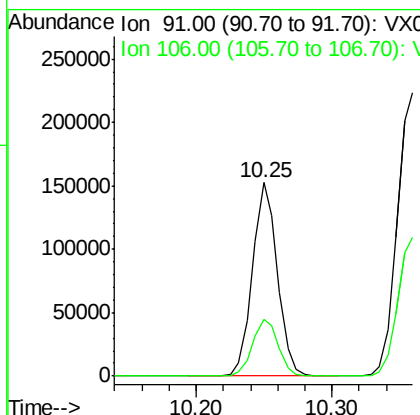
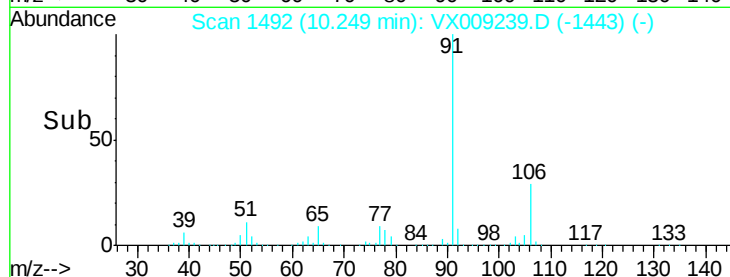
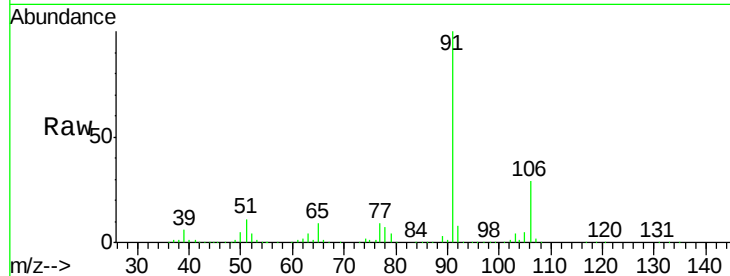
#67
Ethyl Benzene
Concen: 19.340 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

Tot Ion: 91 Resp: 196751
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0

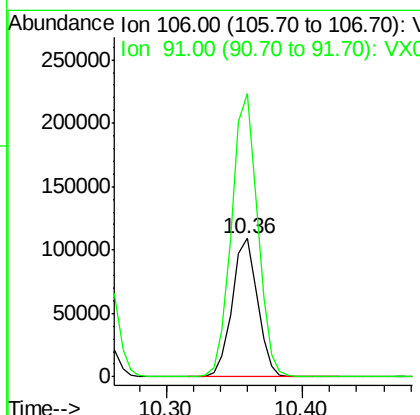
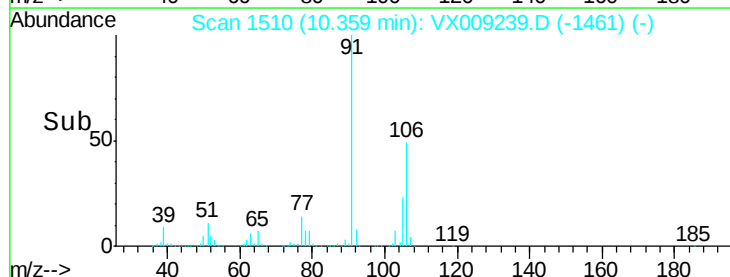
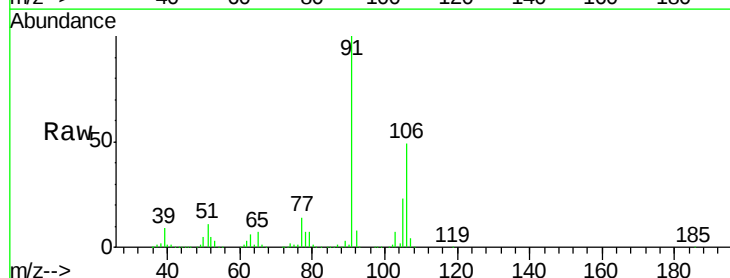
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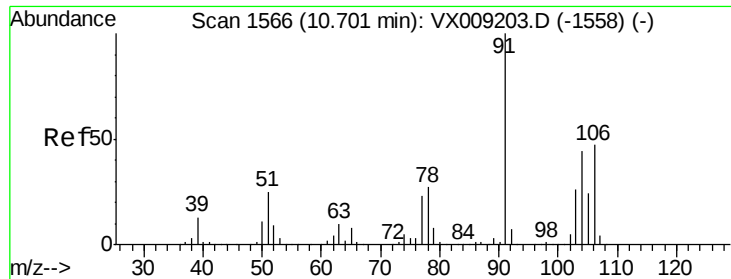
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5/1/2019 10:05:09 AM



#68
m/p-Xylenes
Concen: 38.509 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion: 106 Resp: 143166
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0





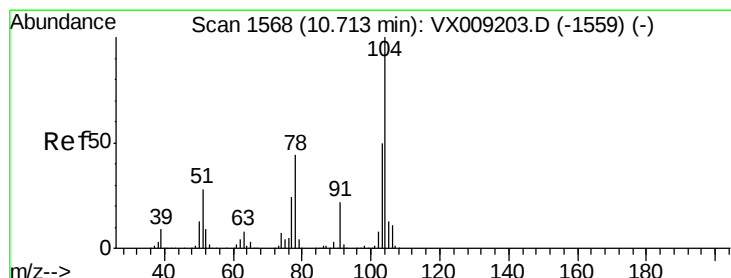
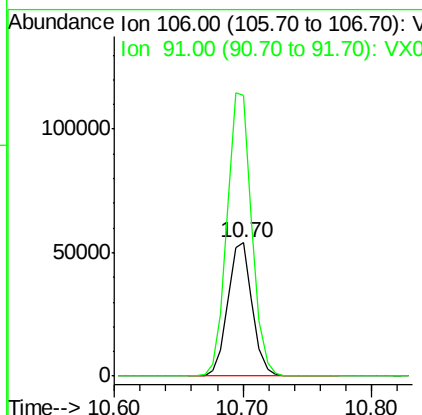
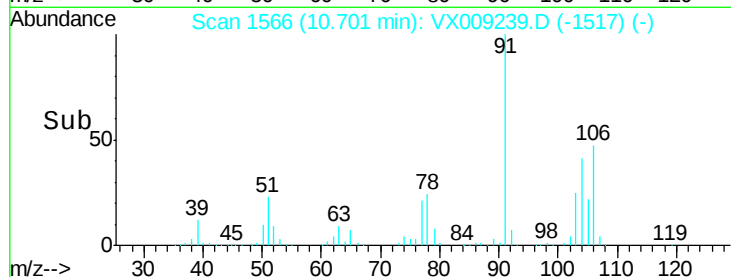
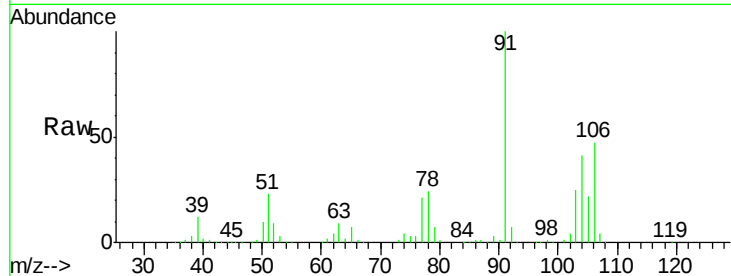
#69
o-Xylene
Concen: 19.560 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

Tot Ion:106 Resp: 71747
Ion Ratio Lower Upper
106 100
91 216.3 109.5 328.4

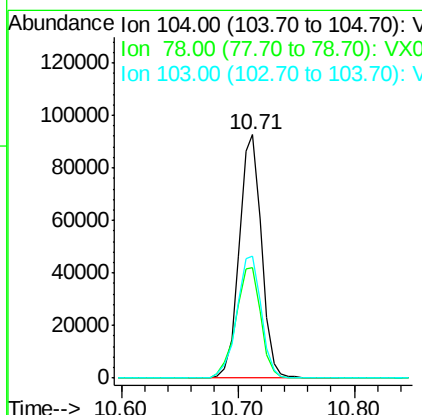
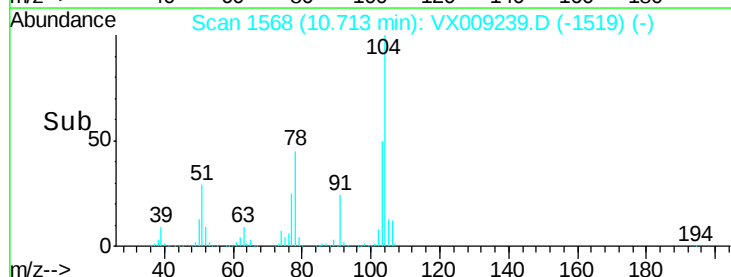
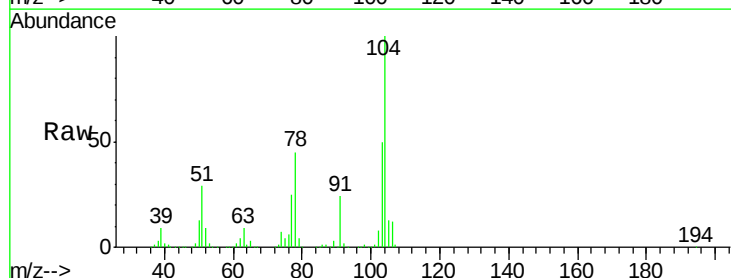
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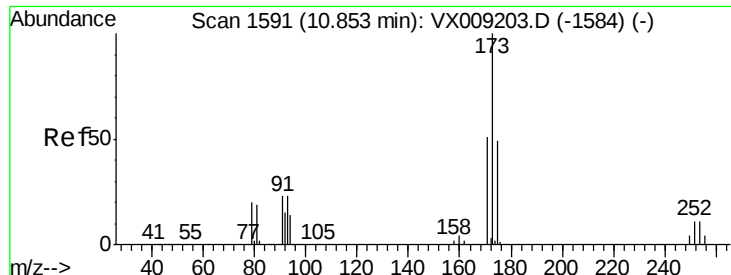
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#70
Styrene
Concen: 19.358 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion:104 Resp: 123415
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.1 43.8 65.6





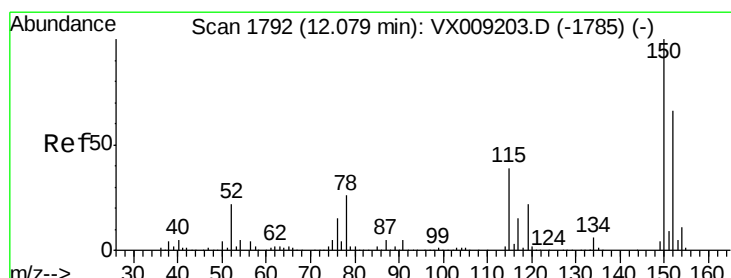
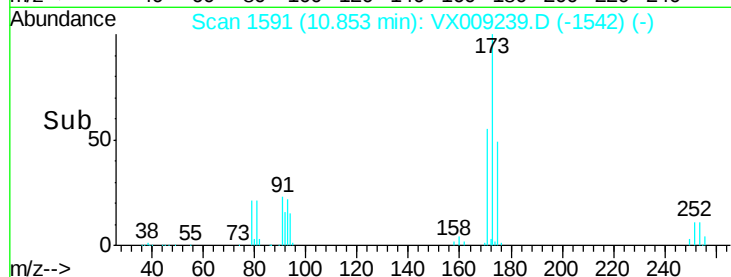
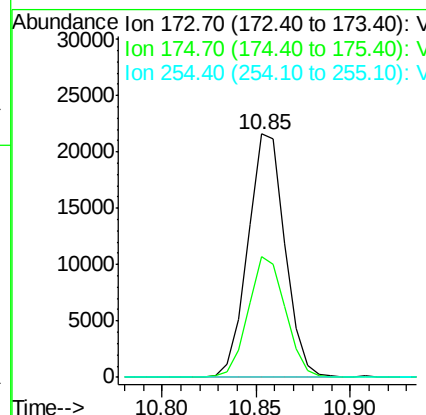
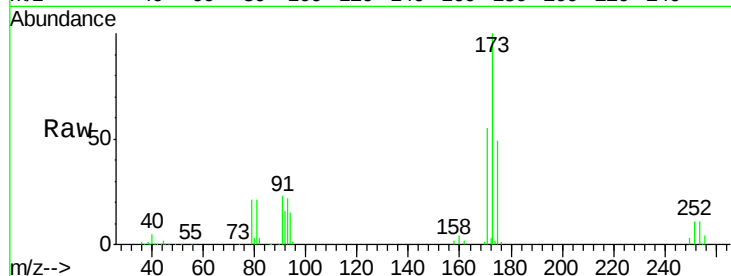
#71
Bromoform
Concen: 18.095 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.5	73.5
254	0.2	0.1	0.1#

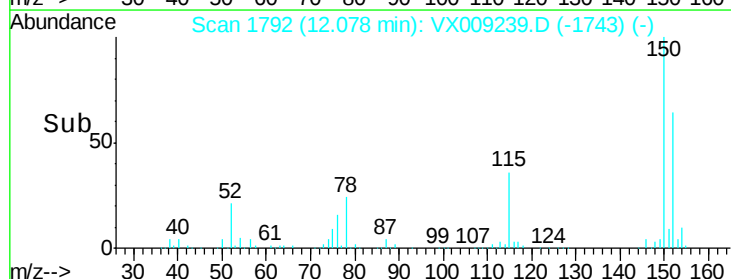
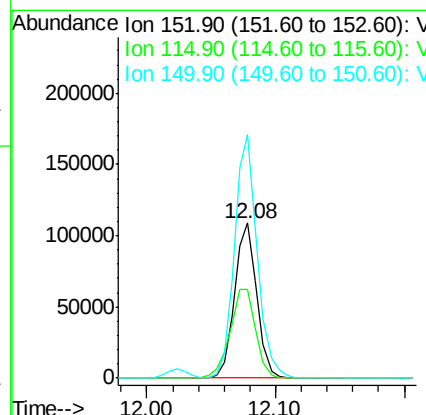
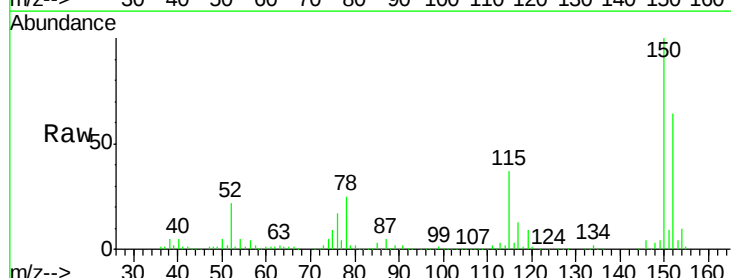
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.1	41.2	123.6
150	161.4	0.0	346.4





#73

Isopropylbenzene

Concen: 19.664 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 105 Resp: 187291

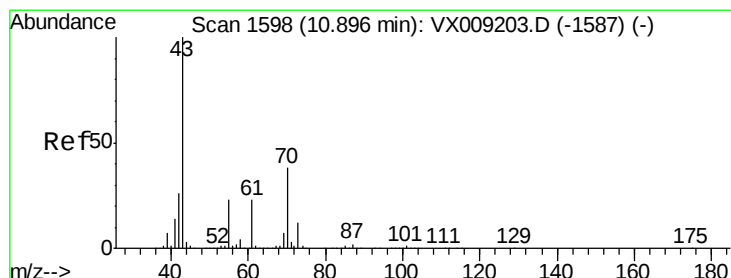
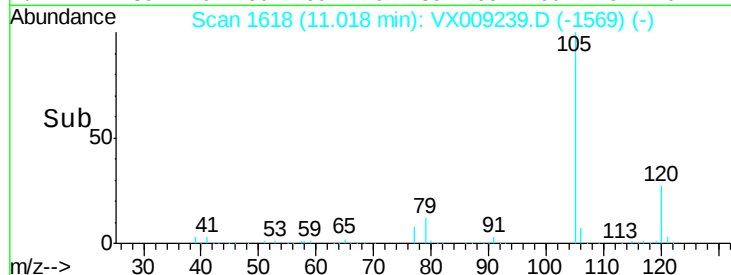
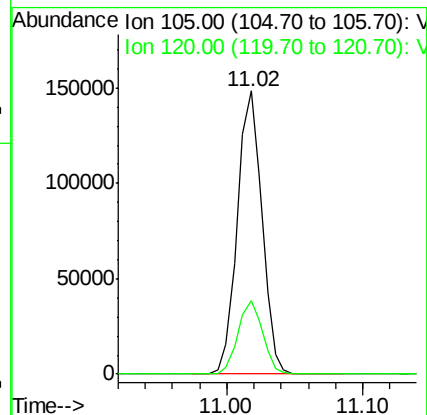
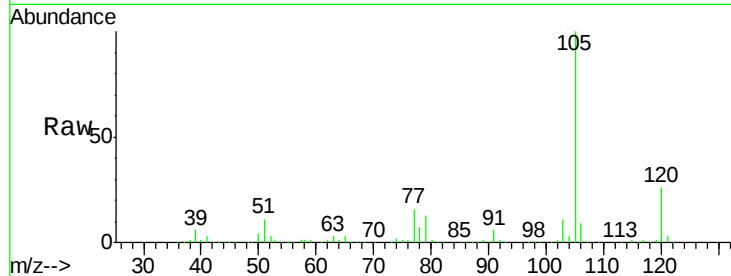
Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.489 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Tgt Ion: 43 Resp: 108223

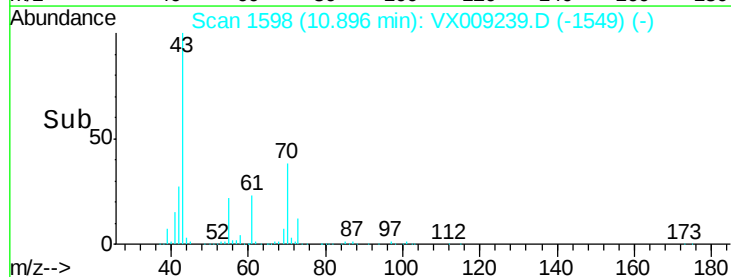
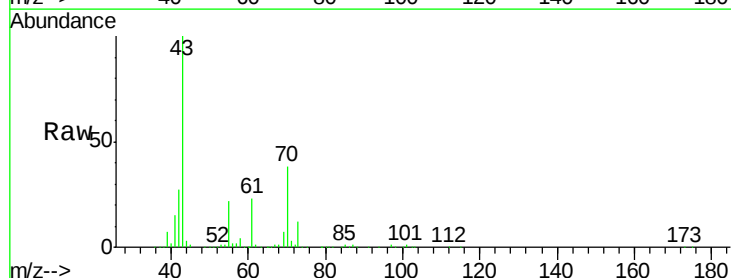
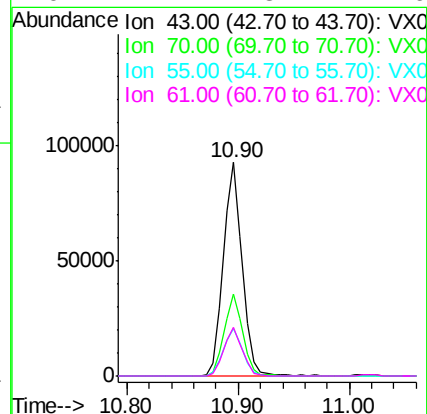
Ion Ratio Lower Upper

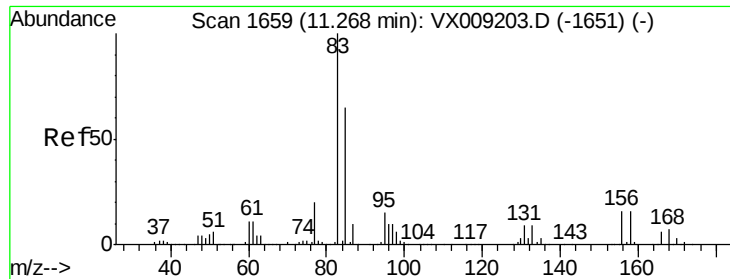
43 100

70 37.5 30.0 45.0

55 22.6 17.9 26.9

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.629 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

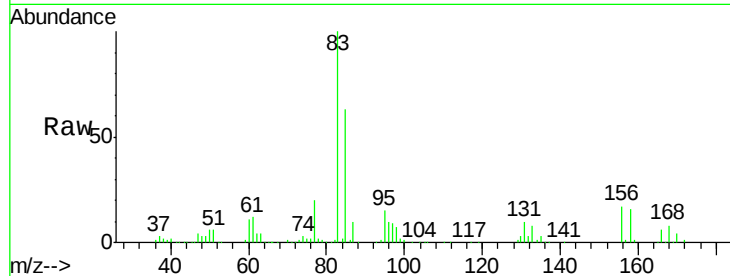
ClientSampled :

VX0430WBSD01

Tot Ion:	83	Resp:	69697
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.6	13.8
85	63.3	32.0	96.2

Manual Integrations
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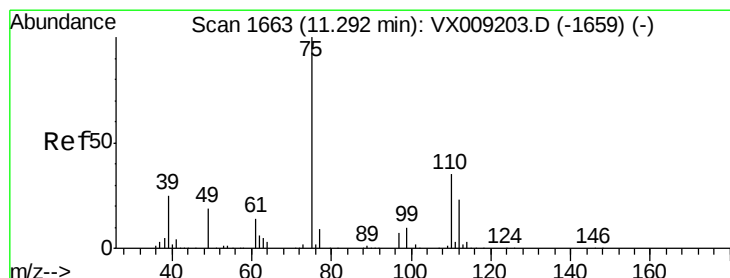
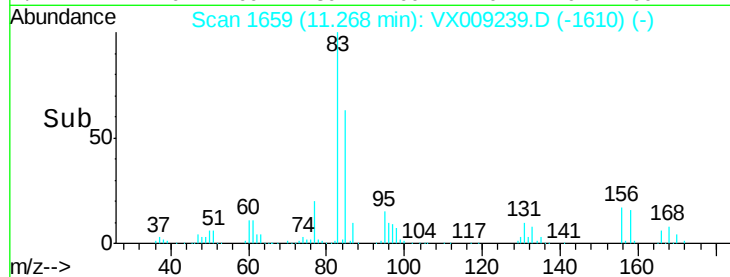
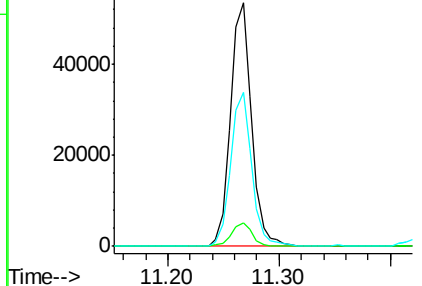
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.697 ug/l m

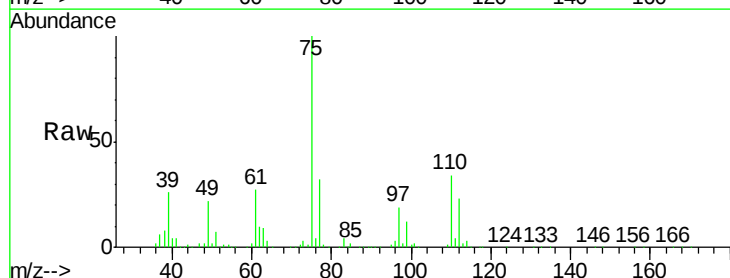
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009239.D

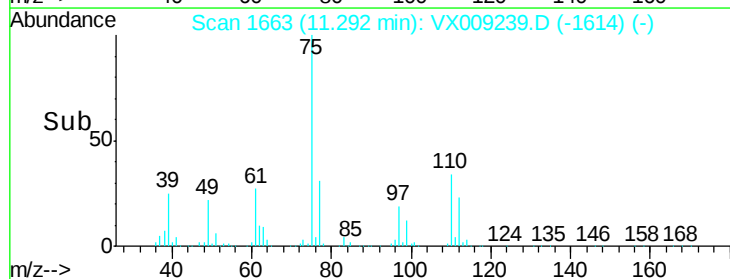
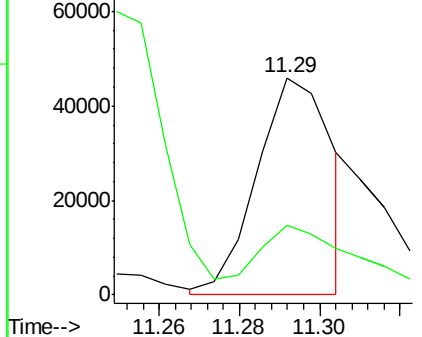
Acq: 30 Apr 2019 12:34

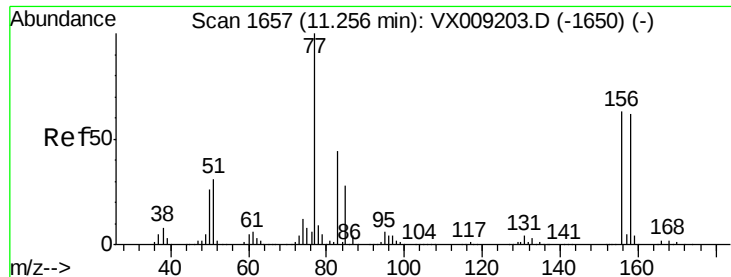
Tgt Ion:	75	Resp:	59844
Ion Ratio	Lower	Upper	
75	100		
77	42.9	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.324 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

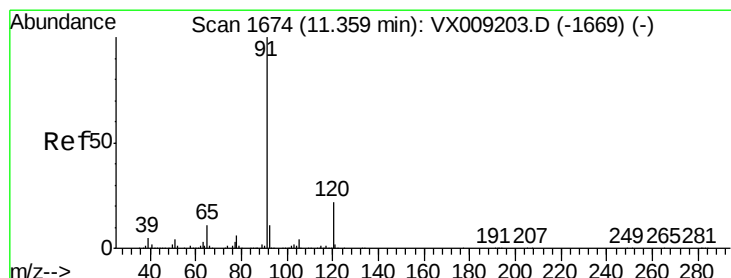
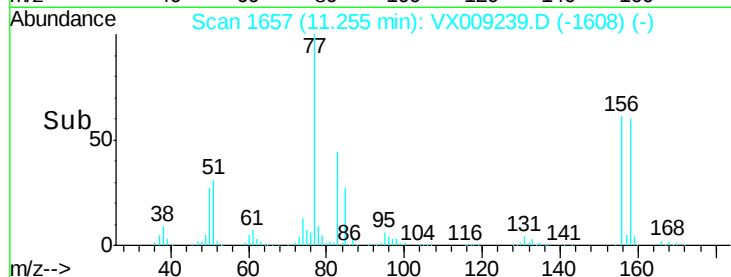
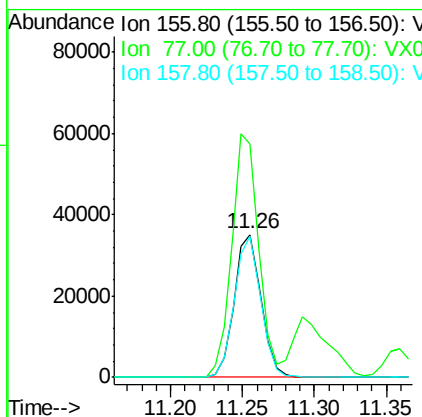
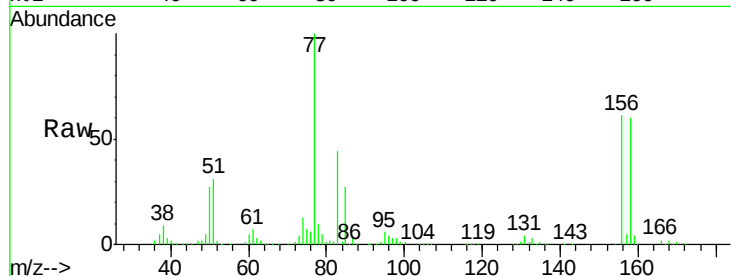
ClientSampleId :

VX0430WBSD01

Tot Ion:	156	Resp:	45682
Ion	Ratio	Lower	Upper
156	100		
77	171.7	84.8	254.3
158	97.7	49.1	147.3

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#78

n-propylbenzene

Concen: 19.691 ug/l

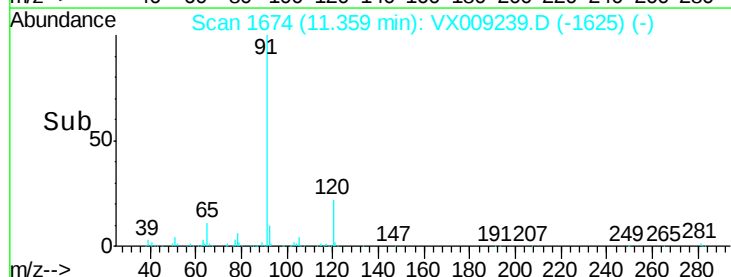
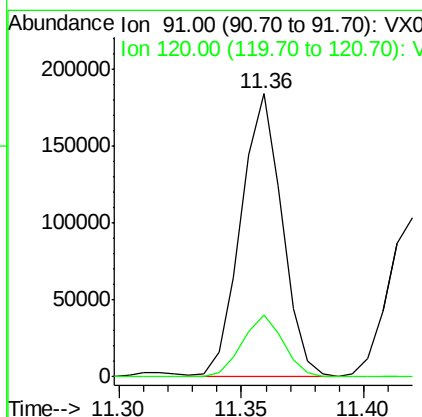
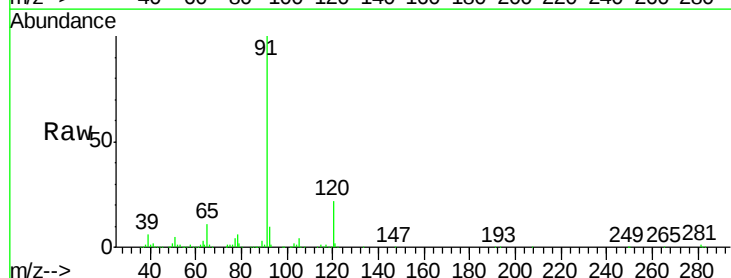
RT: 11.36 min Scan# 1674

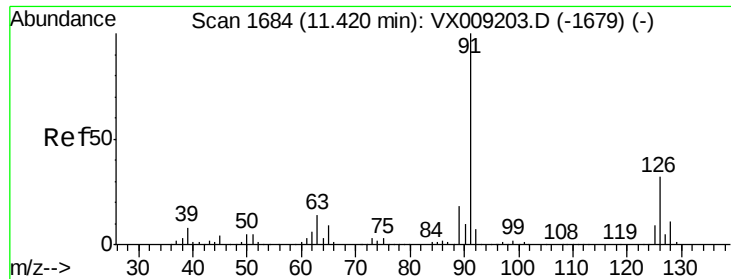
Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Tgt Ion:	91	Resp:	214196
Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.147 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion: 91 Resp: 128497

Ion Ratio Lower Upper

91 100

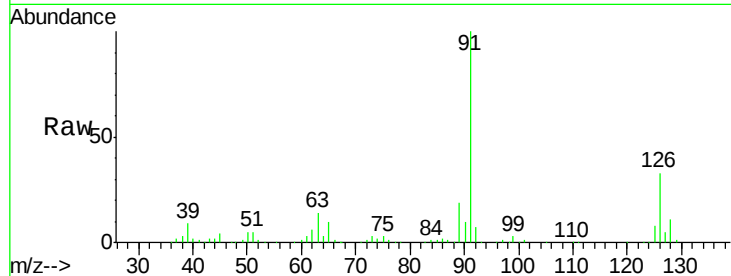
126 32.7 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

200000

150000

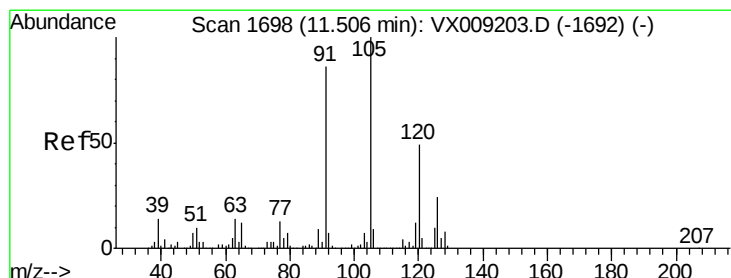
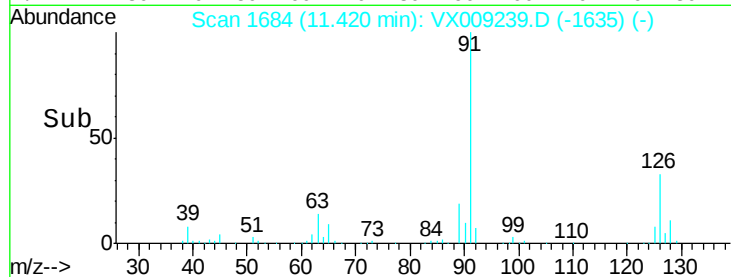
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.783 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009239.D

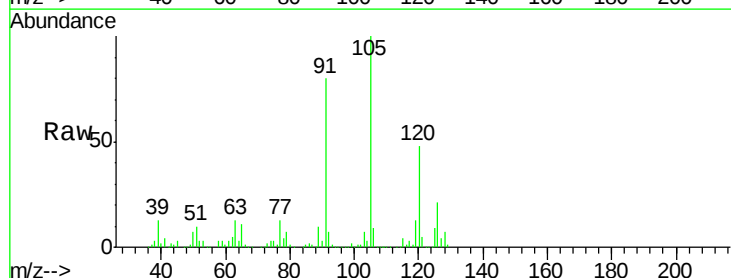
Acq: 30 Apr 2019 12:34

Tgt Ion:105 Resp: 158658

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

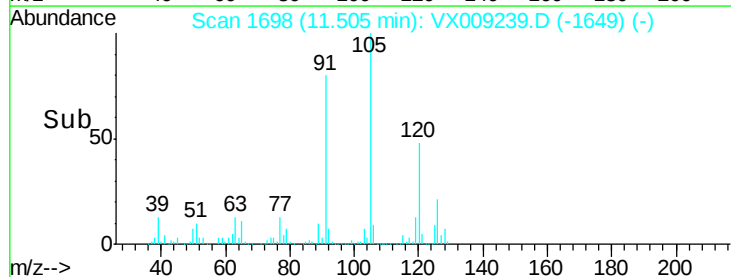
100000

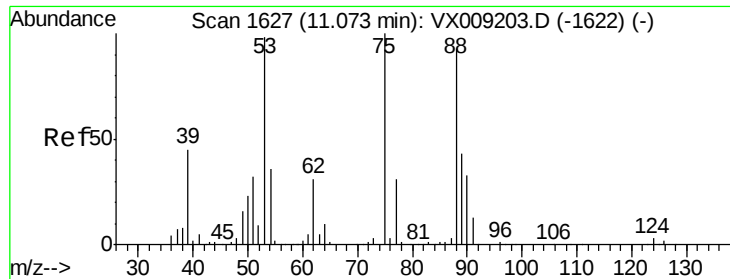
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.091 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion: 75 Resp: 21482

Ion Ratio Lower Upper

75 100

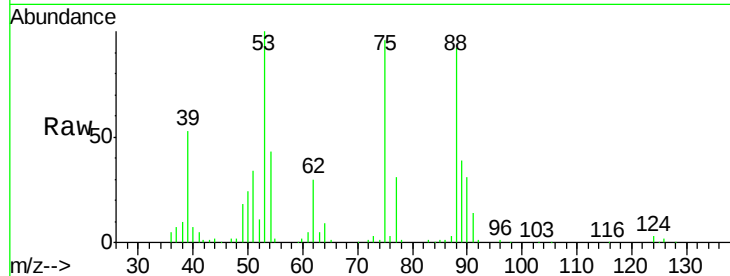
53 107.8 79.0 118.6

89 43.9 34.7 52.1

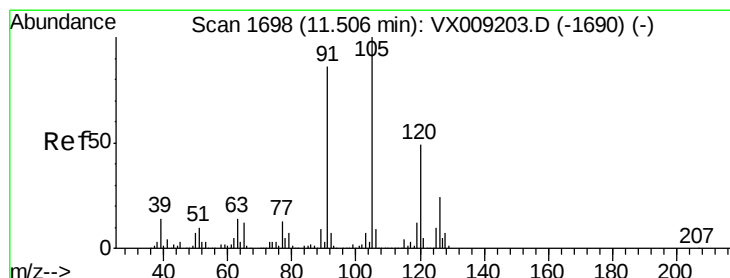
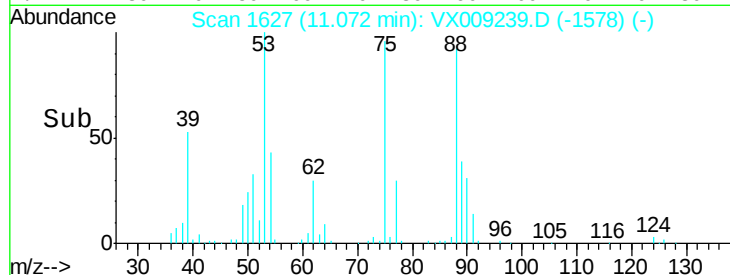
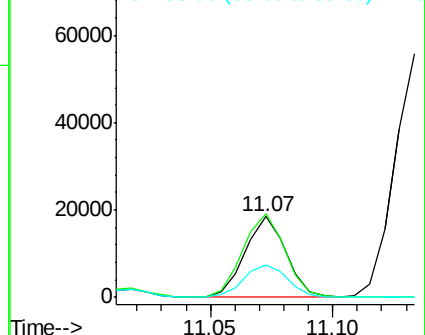
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.394 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009239.D

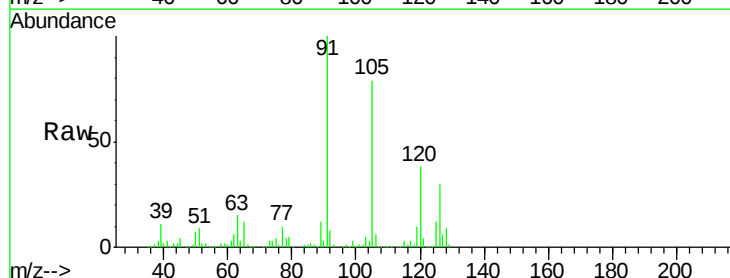
Acq: 30 Apr 2019 12:34

Tgt Ion: 91 Resp: 147036

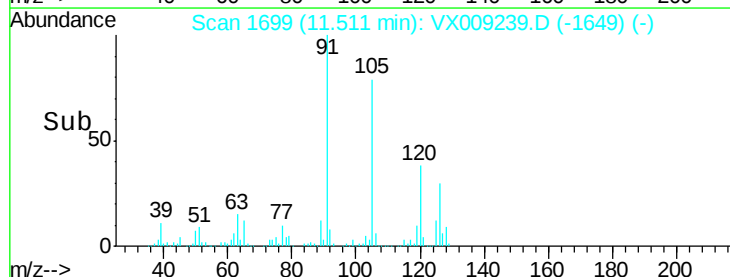
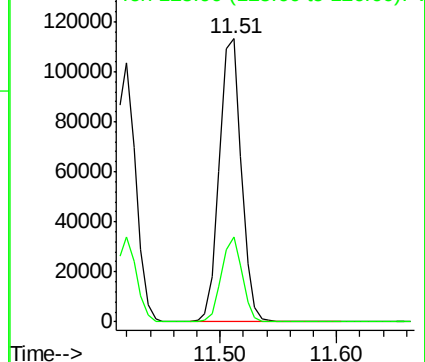
Ion Ratio Lower Upper

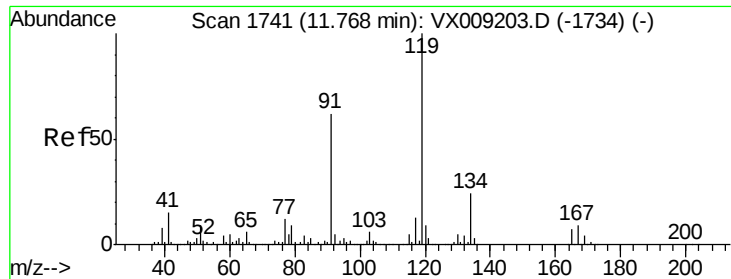
91 100

126 28.5 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





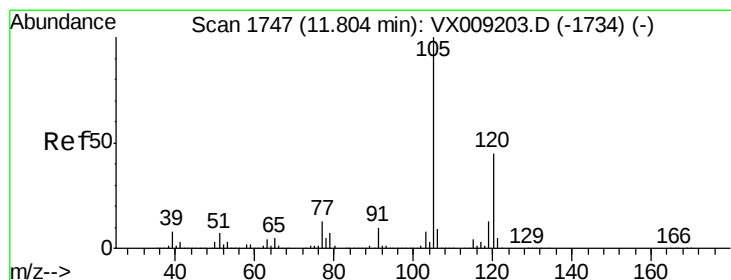
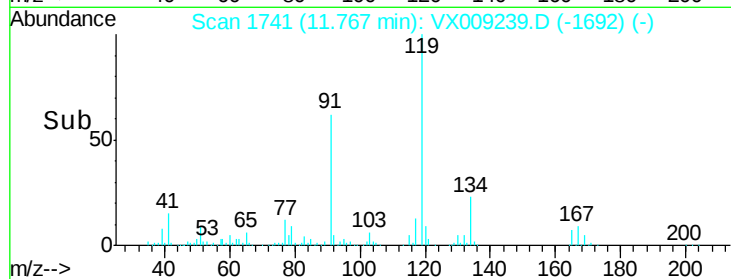
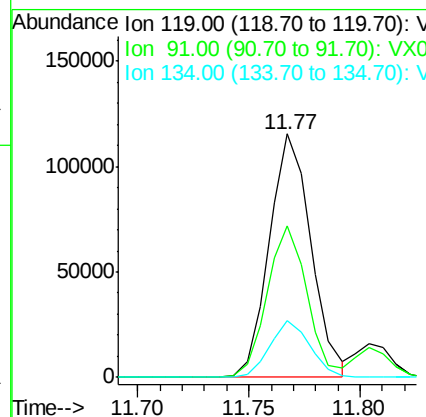
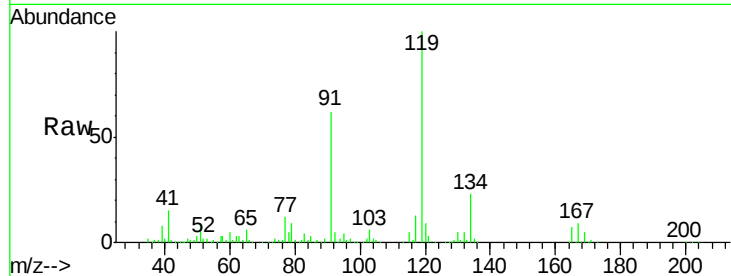
#83
 tert-Butylbenzene
 Concen: 19.255 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	150221		
91	59.8	29.5	88.5	
134	22.3	11.4	34.1	

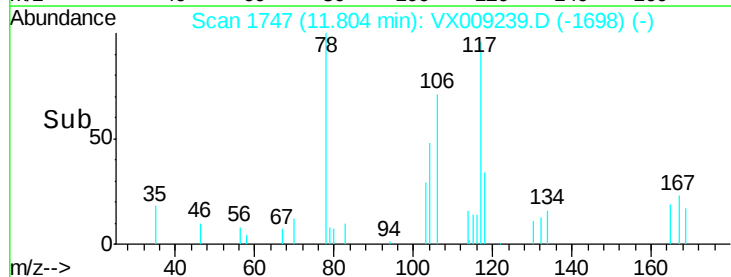
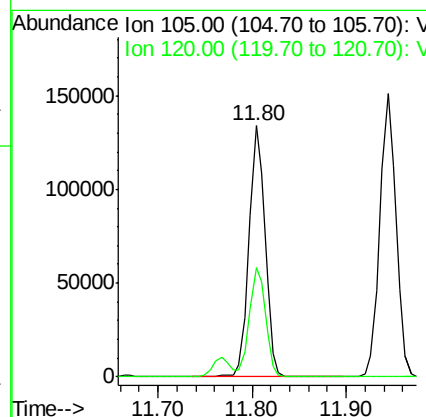
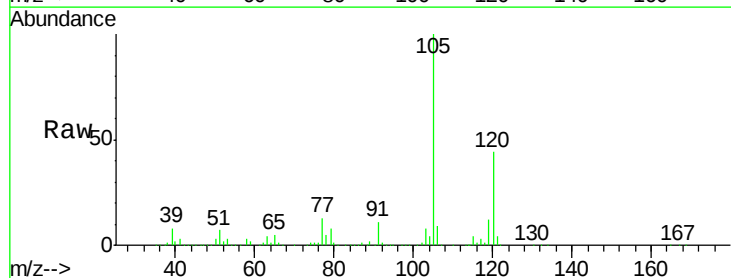
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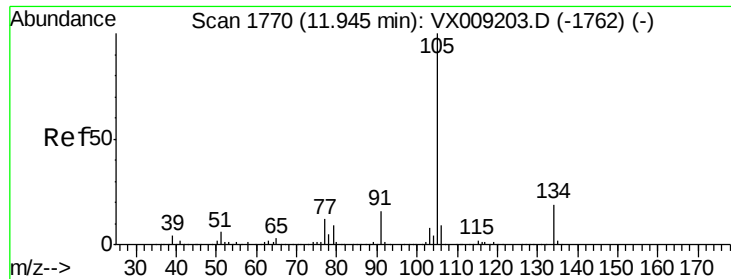
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.858 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159853		
120	44.2	22.0	66.0	





#85

sec-Butylbenzene

Concen: 19.519 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion:105 Resp: 180534

Ion Ratio Lower Upper

105 100

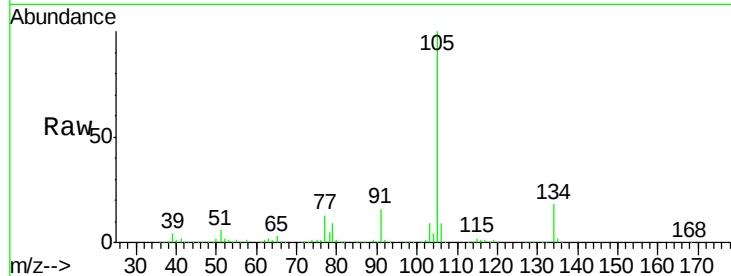
134 19.0 9.7 28.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

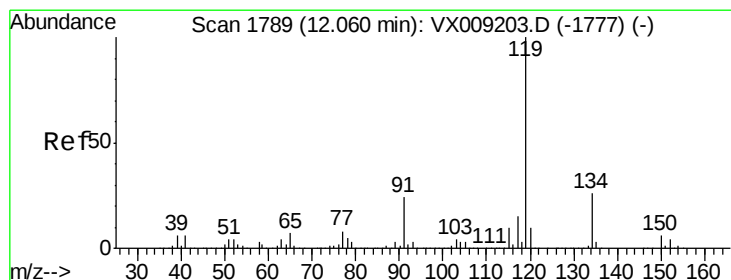
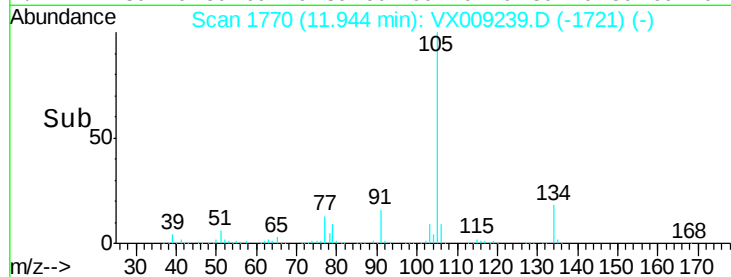
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.532 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009239.D

Acq: 30 Apr 2019 12:34

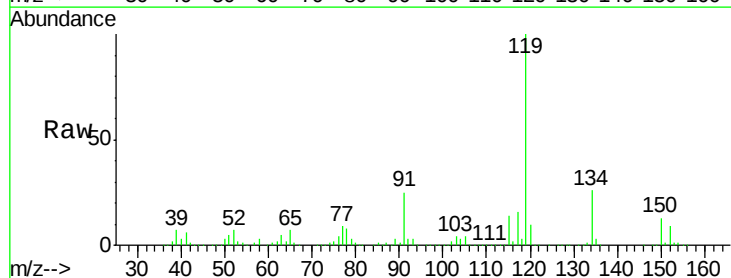
Tgt Ion:119 Resp: 162412

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.0 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

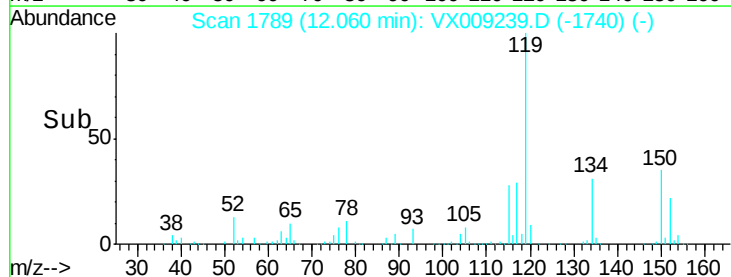
150000

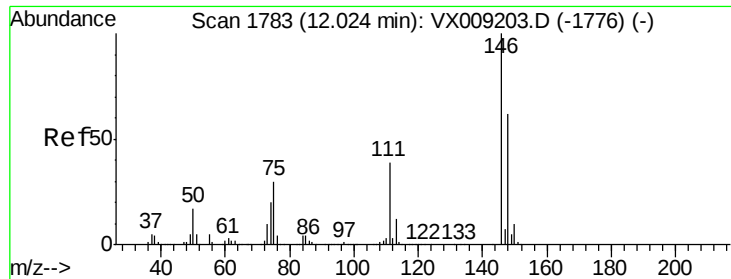
100000

50000

0

Time-->





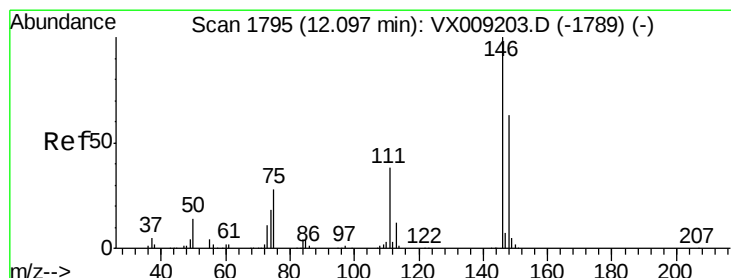
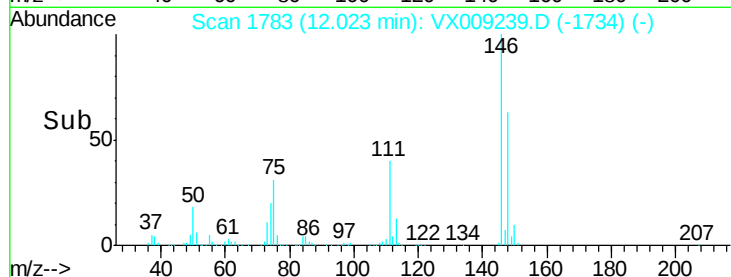
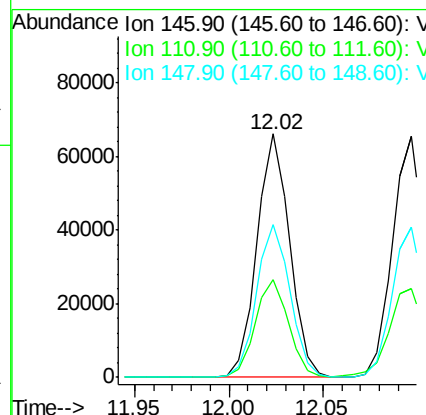
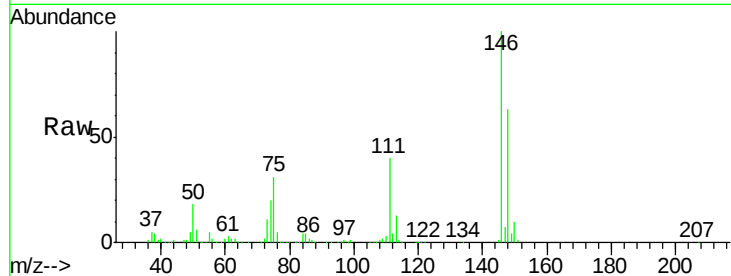
#87
 1,3-Dichlorobenzene
 Concen: 18.897 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	59.9
148	63.8	31.8	95.3

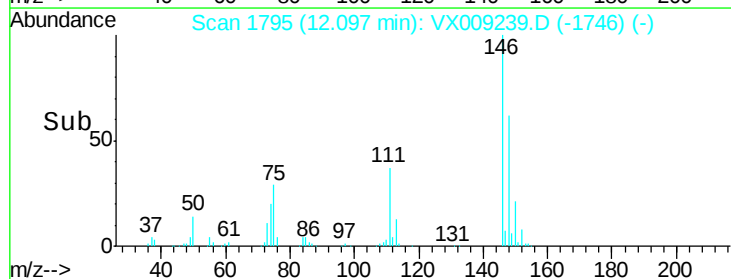
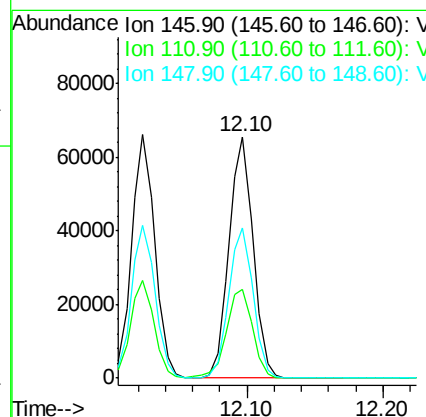
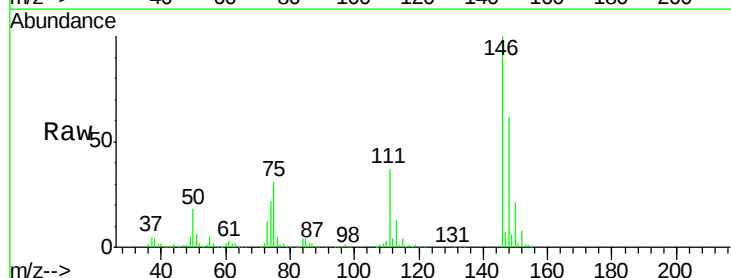
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#88
 1,4-Dichlorobenzene
 Concen: 18.929 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.8
148	63.1	31.8	95.3





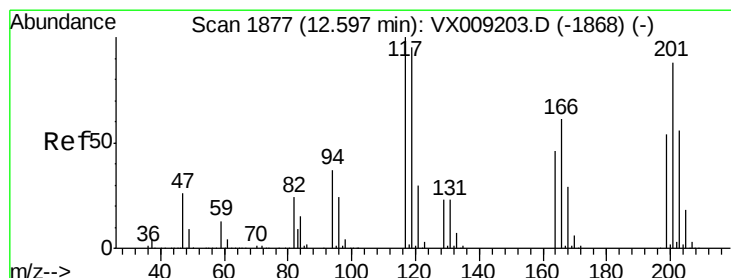
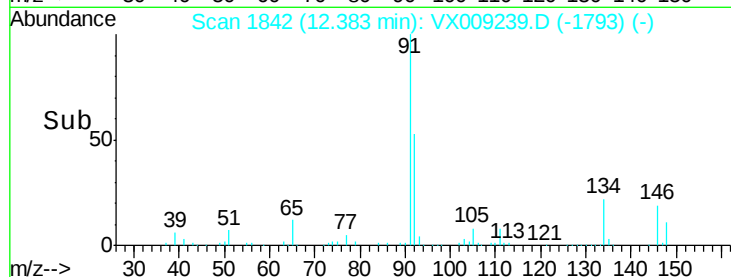
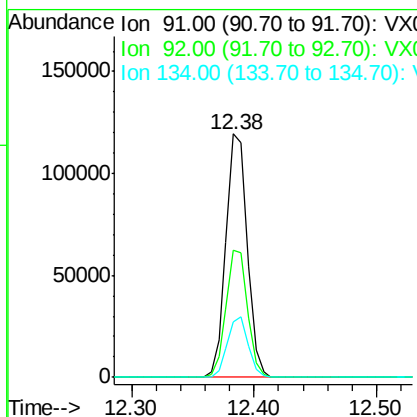
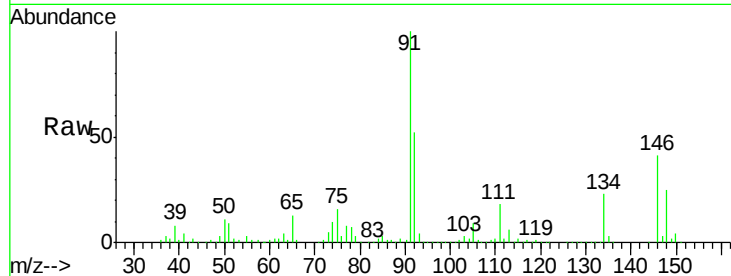
#89
n-Butylbenzene
Concen: 19.231 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.5
134	24.1	12.4	37.2

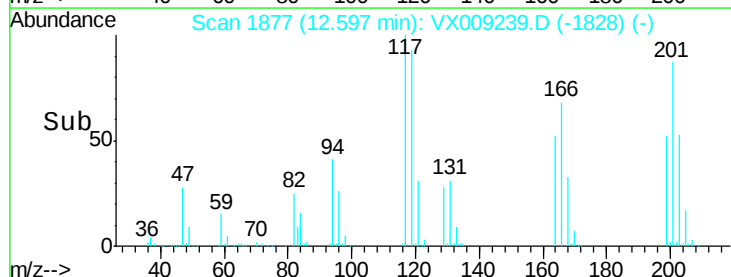
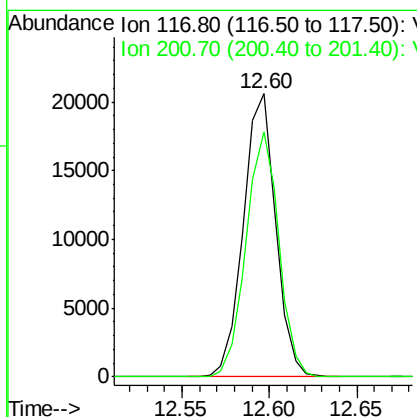
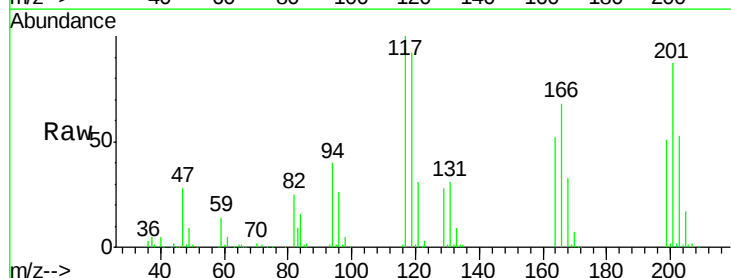
Manual Integrations
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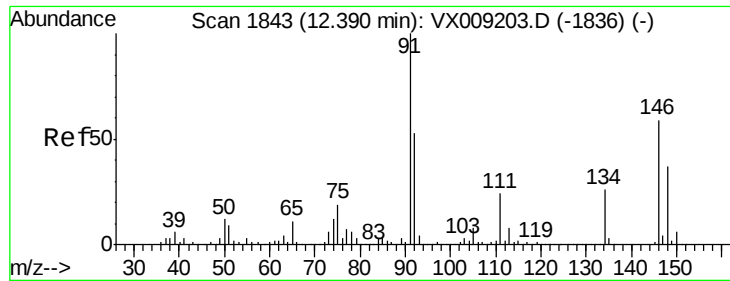
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#90
Hexachloroethane
Concen: 18.672 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	42.3	126.9





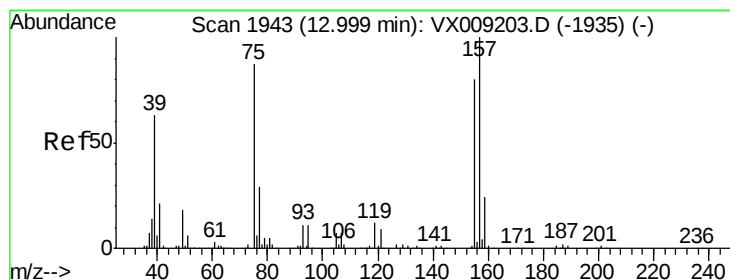
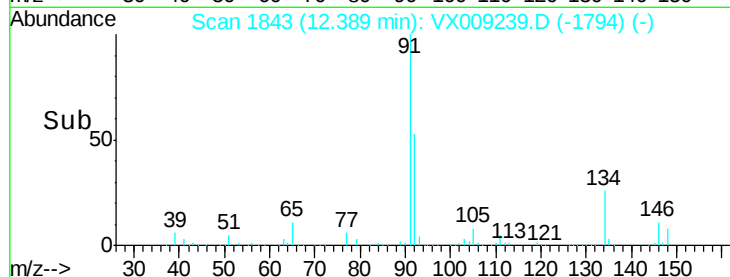
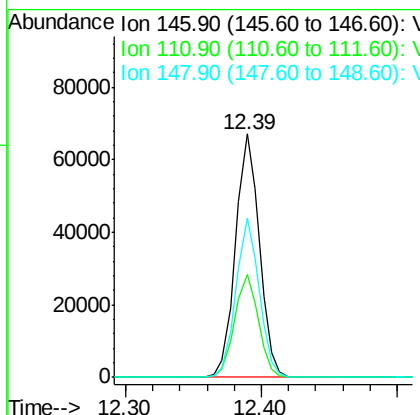
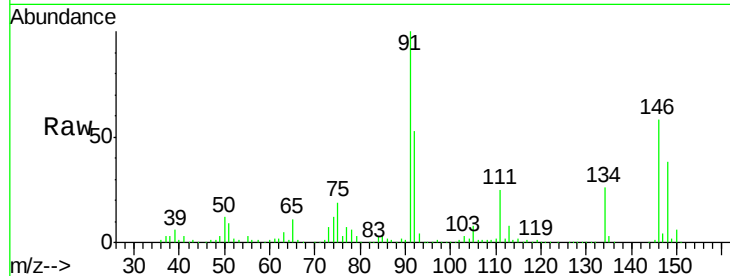
#91
 1,2-Dichlorobenzene
 Concen: 19.068 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.4
148	63.7	31.9	95.9

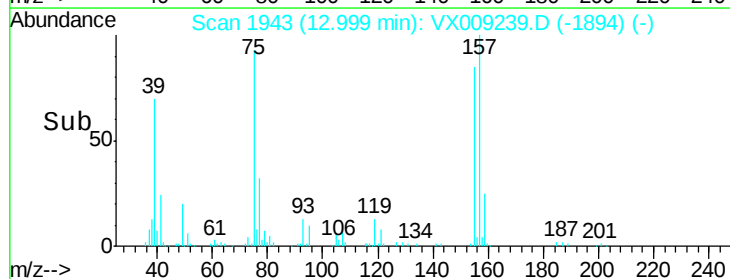
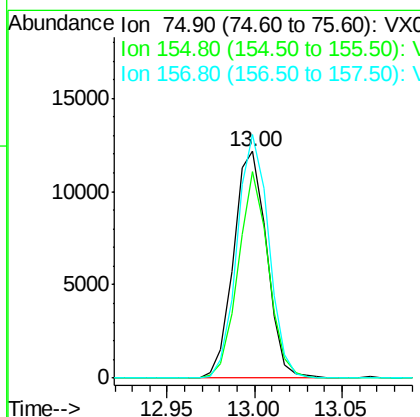
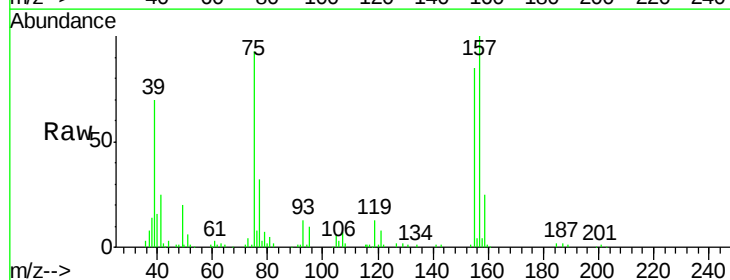
Manual Integrations
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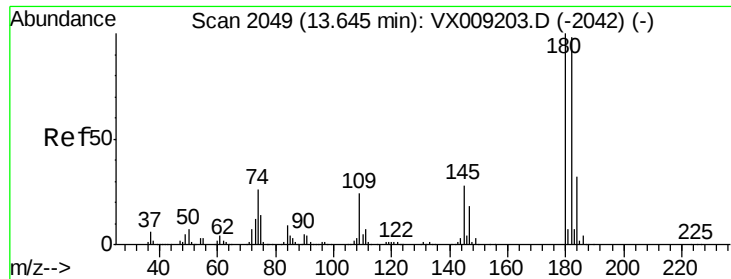
MMDadoda
 5/1/2019 10:05:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.101 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	42.0	126.0
157	102.4	53.2	159.6





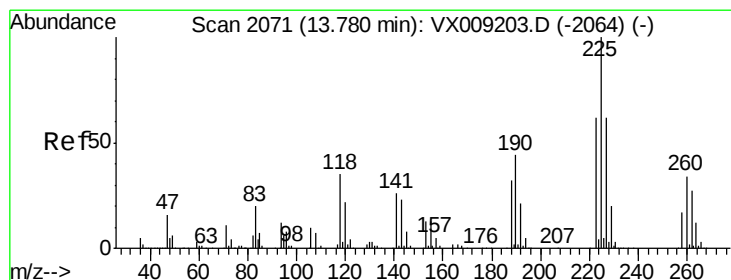
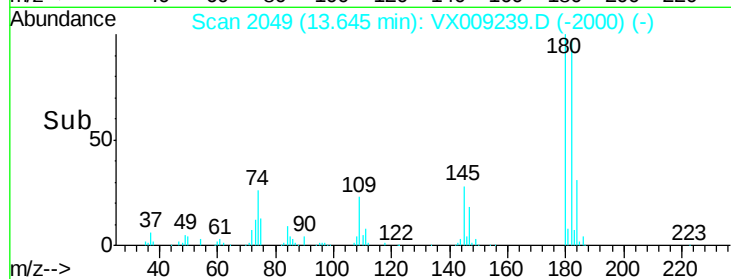
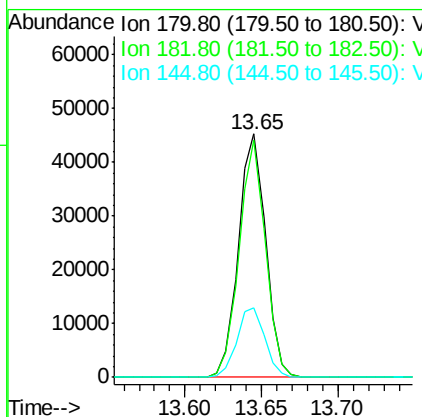
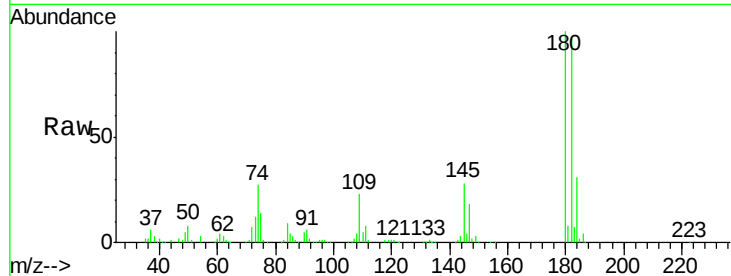
#93
 1,2,4-Trichlorobenzene
 Concen: 18.999 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion:	180	Resp:	55770
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.4	145.2
145	29.6	14.6	43.8

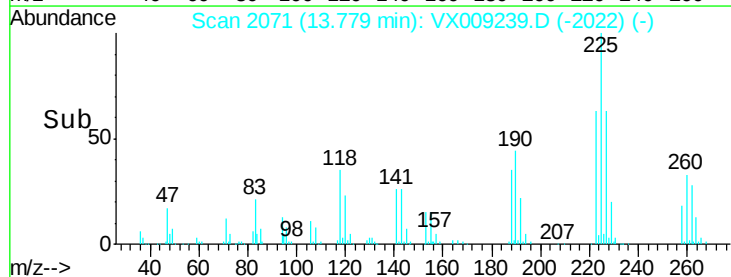
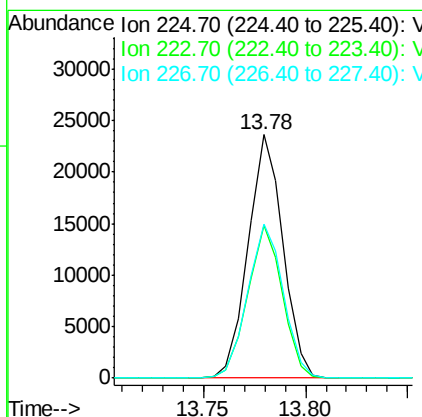
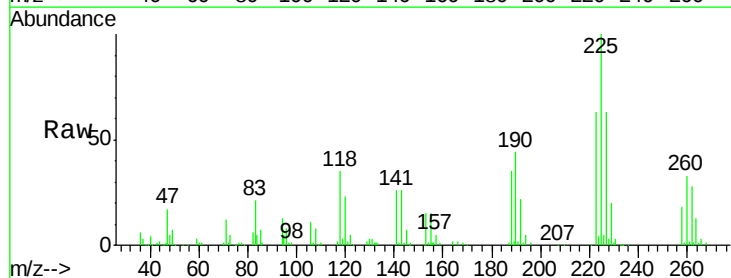
Manual Integrations
 APPROVED

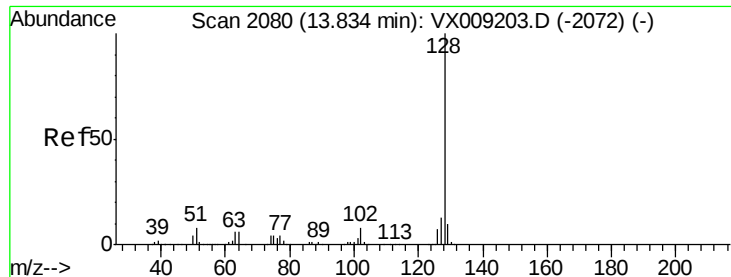
MMDadoda
 5/1/2019 10:05:09 AM



#94
 Hexachlorobutadiene
 Concen: 18.679 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009239.D
 Acq: 30 Apr 2019 12:34

Tgt Ion:	225	Resp:	27999
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.3	93.8
227	64.8	31.8	95.3





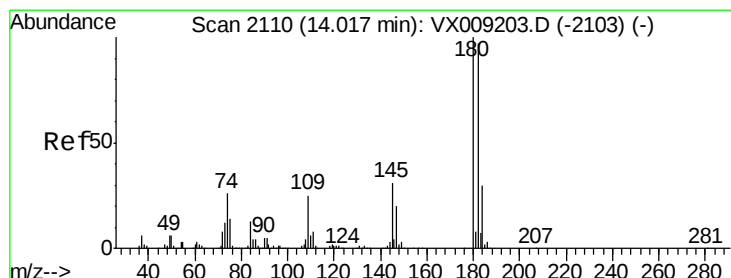
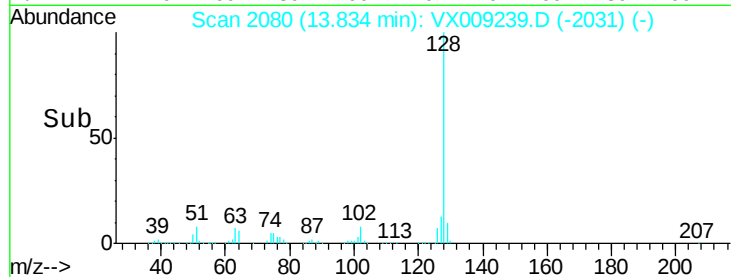
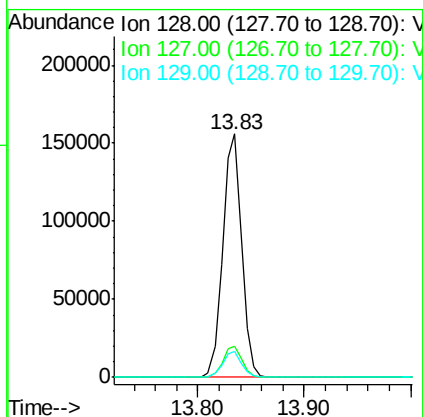
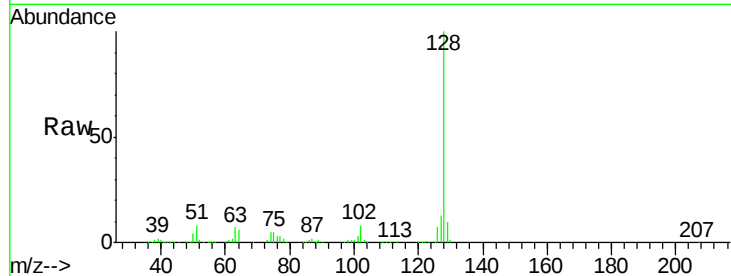
#95
Naphthalene
Concen: 20.192 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	192833		
127	12.9		10.4	15.6
129	10.6		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/1/2019 10:05:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.772 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009239.D
Acq: 30 Apr 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58831		
182	94.2		47.8	143.4
145	31.3		15.4	46.4

