

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043019\
 Data File : VX009236.D
 Acq On : 30 Apr 2019 11:24
 Operator : JC/SP
 Sample : VX0430WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 10:05:02 AM

Quant Time: May 01 01:41:13 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	214264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133534	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.49	113	99463	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	8.71	98	407935	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.13	95	146060	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39184	19.845	ug/l	99
3) Chloromethane	1.32	50	52935	19.637	ug/l	99
4) Vinyl Chloride	1.41	62	51642	19.646	ug/l	98
5) Bromomethane	1.64	94	29975	18.999	ug/l	98
6) Chloroethane	1.72	64	31808	18.847	ug/l	99
7) Trichlorofluoromethane	1.93	101	62800	19.654	ug/l	99
8) Diethyl Ether	2.18	74	29143	19.255	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39987	19.929	ug/l	100
10) Methyl Iodide	2.51	142	38729	19.680	ug/l	99
11) Tert butyl alcohol	3.04	59	62371	92.121	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39797	19.795	ug/l	97
13) Acrolein	2.29	56	50545	82.433	ug/l	98
14) Allyl chloride	2.73	41	91808	18.739	ug/l	99
15) Acrylonitrile	3.14	53	154623	93.402	ug/l	99
16) Acetone	2.44	43	146370	93.194	ug/l	99
17) Carbon Disulfide	2.57	76	108294	19.186	ug/l	99
18) Methyl Acetate	2.77	43	69359	18.569	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	149183	19.109	ug/l	100
20) Methylene Chloride	2.85	84	46913	18.448	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	41777	19.161	ug/l	98
22) Diisopropyl ether	3.85	45	183634	19.490	ug/l	99
23) Vinyl Acetate	3.81	43	791791	98.137	ug/l	99
24) 1,1-Dichloroethane	3.70	63	89343	19.222	ug/l	100
25) 2-Butanone	4.67	43	233221	95.557	ug/l	100
26) 2,2-Dichloropropane	4.58	77	65414	18.907	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	49270	18.932	ug/l	100
28) Bromochloromethane	5.02	49	35209	17.009	ug/l	98
29) Tetrahydrofuran	5.13	42	150305	95.702	ug/l	99
30) Chloroform	5.21	83	80972	19.261	ug/l	100
31) Cyclohexane	5.58	56	86861	20.086	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	65697	18.773	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61916	19.550	ug/l	99
37) Ethyl Acetate	4.83	43	84362	19.118	ug/l	100
38) Carbon Tetrachloride	5.79	117	55022	19.122	ug/l	96

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MMDadoda
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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)
39) Methylcyclohexane	7.46	83	78982	20.307	ug/l	99
40) Benzene	6.14	78	190840	19.471	ug/l	98
41) Methacrylonitrile	5.04	41	48620	18.510	ug/l	99
42) 1,2-Dichloroethane	6.19	62	67058	19.073	ug/l	100
43) Isopropyl Acetate	6.44	43	136020	19.271	ug/l	100
44) Trichloroethene	7.21	130	45196	19.074	ug/l	97
45) 1,2-Dichloropropane	7.51	63	54568	19.662	ug/l	97
46) Dibromomethane	7.66	93	30699	19.048	ug/l	99
47) Bromodichloromethane	7.90	83	60923	18.950	ug/l	99
48) Methyl methacrylate	7.77	41	67993	19.417	ug/l	100
49) 1,4-Dioxane	7.74	88	26783	377.147	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	443950	96.231	ug/l	100
52) Toluene	8.78	92	117480	19.718	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	69224	19.072	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	78316	19.494	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	46096	18.964	ug/l	95
56) Ethyl methacrylate	9.18	69	84091	19.381	ug/l	100
57) 1,3-Dichloropropane	9.37	76	83513	19.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	215021	93.415	ug/l	100
59) 2-Hexanone	9.49	43	347273	95.845	ug/l	100
60) Dibromochloromethane	9.58	129	45541	19.183	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47749	19.461	ug/l	99
64) Tetrachloroethene	9.34	164	42222	20.380	ug/l	97
65) Chlorobenzene	10.13	112	118886	19.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41849	19.106	ug/l	98
67) Ethyl Benzene	10.25	91	223086	20.063	ug/l	98
68) m/p-Xylenes	10.36	106	163239	40.174	ug/l	97
69) o-Xylene	10.69	106	78544	19.592	ug/l	98
70) Styrene	10.71	104	137828	19.780	ug/l	98
71) Bromoform	10.85	173	33079	18.583	ug/l #	99
73) Isopropylbenzene	11.02	105	215312	20.061	ug/l	99
74) N-amyl acetate	10.90	43	119488	19.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75899	18.970	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	66564m	19.442	ug/l	
77) Bromobenzene	11.26	156	52281	19.625	ug/l	99
78) n-propylbenzene	11.36	91	249756	20.376	ug/l	99
79) 2-Chlorotoluene	11.42	91	147898	19.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181602	20.095	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24632	18.409	ug/l	95
82) 4-Chlorotoluene	11.51	91	169458	19.835	ug/l	98
83) tert-Butylbenzene	11.77	119	174390	19.837	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182135	20.079	ug/l	99
85) sec-Butylbenzene	11.94	105	208567	20.011	ug/l	99
86) p-Isopropyltoluene	12.06	119	191019	20.386	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	93609	19.711	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	92909	19.405	ug/l	99
89) n-Butylbenzene	12.38	91	172410	20.358	ug/l	99
90) Hexachloroethane	12.60	117	30779	19.281	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	94107	19.456	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17980	20.032	ug/l	96

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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	66305	20.046	ug/l	100
94) Hexachlorobutadiene	13.78	225	33534	19.853	ug/l	99
95) Naphthalene	13.83	128	222254	20.653	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	69153	20.625	ug/l	99

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

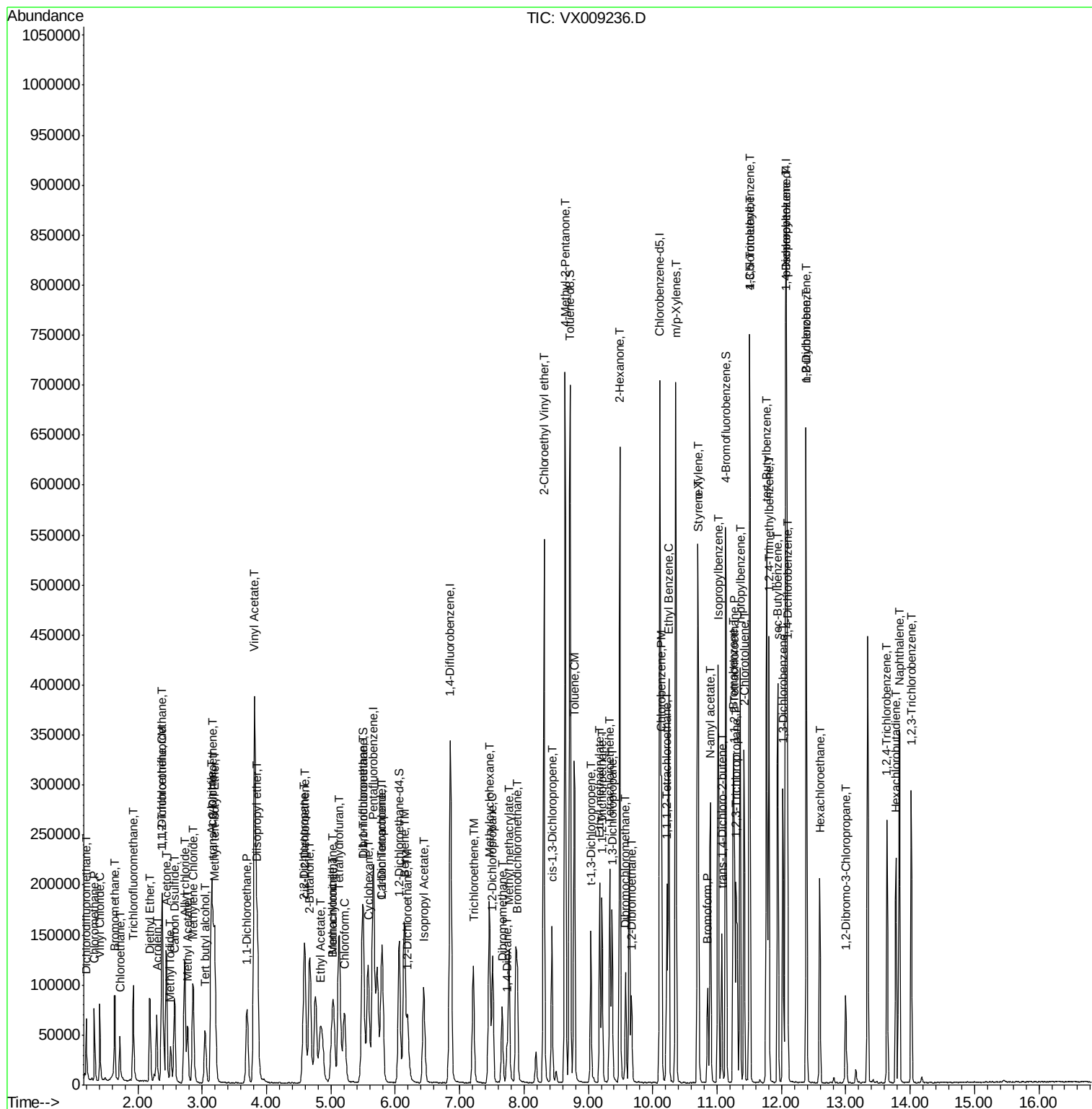
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX043019\
Data File : VX009236.D
Acq On : 30 Apr 2019 11:24
Operator : JC/SP
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA X/WATER
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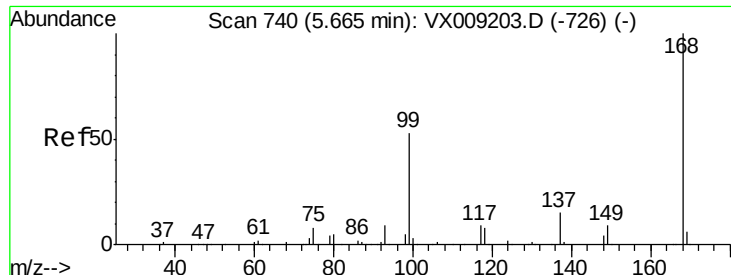
Instrument :
MSVOA_X
Client Sampled :
VX0430WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion:168 Resp: 214264

Ion Ratio Lower Upper

168 100

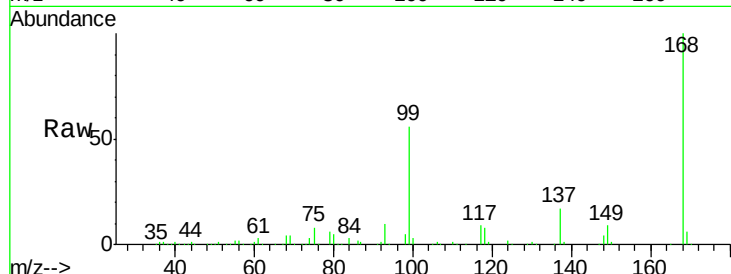
99 56.3 42.3 63.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

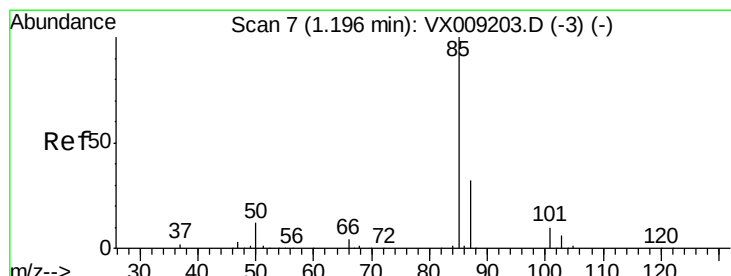
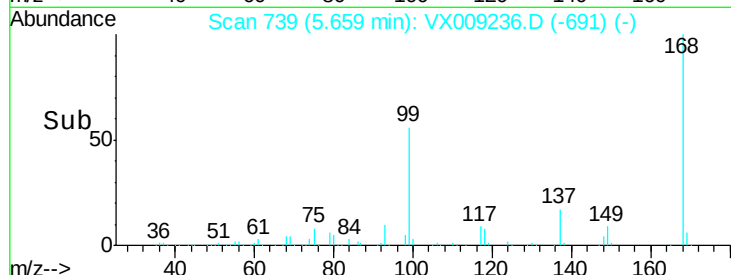
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.845 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009236.D

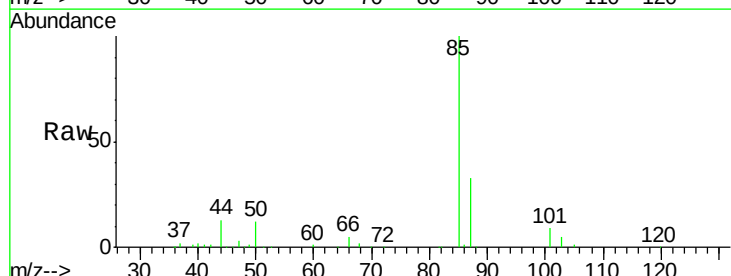
Acq: 30 Apr 2019 11:24

Tgt Ion: 85 Resp: 39184

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

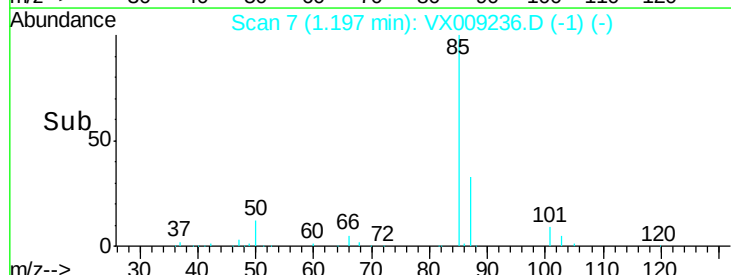
30000

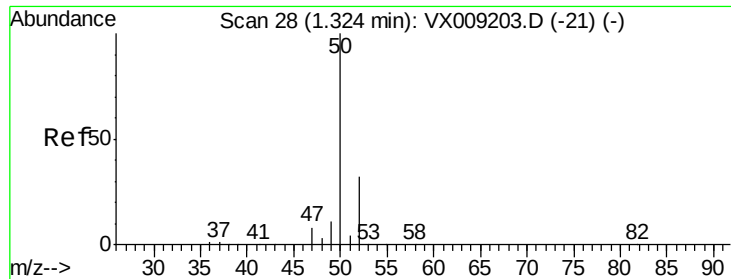
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.637 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 50 Resp: 52935

Ion Ratio Lower Upper

50 100

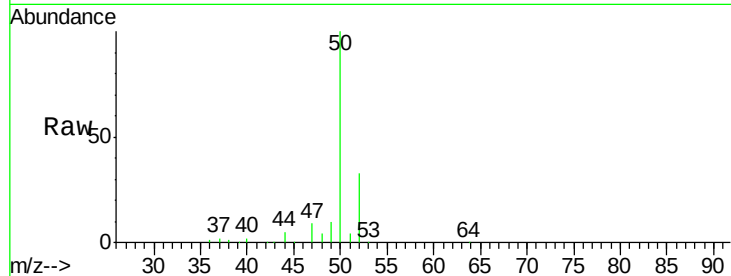
52 33.2 25.9 38.9

Manual Integrations

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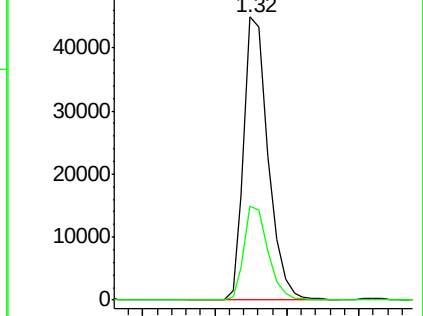
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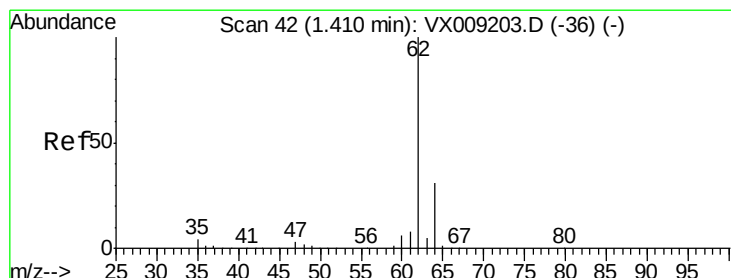
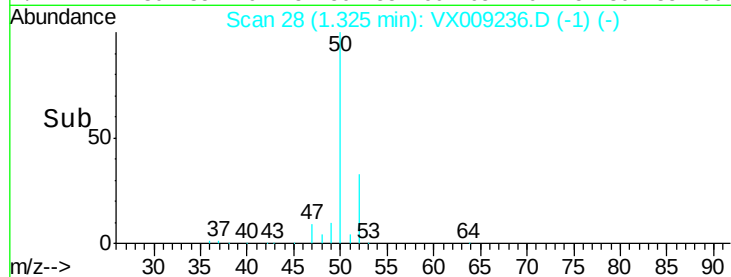


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 19.646 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009236.D

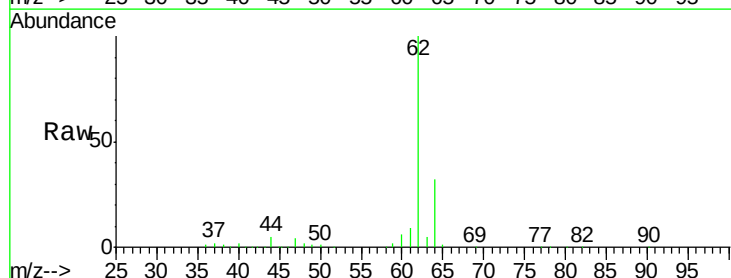
Acq: 30 Apr 2019 11:24

Tgt Ion: 62 Resp: 51642

Ion Ratio Lower Upper

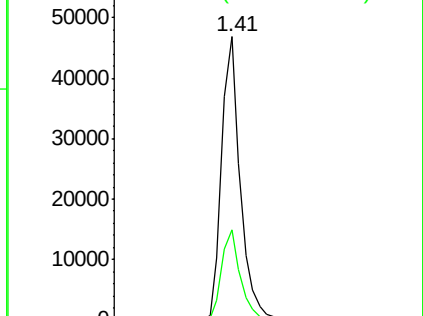
62 100

64 31.7 24.6 36.8

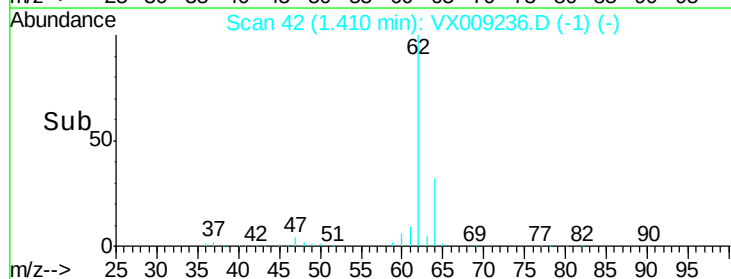


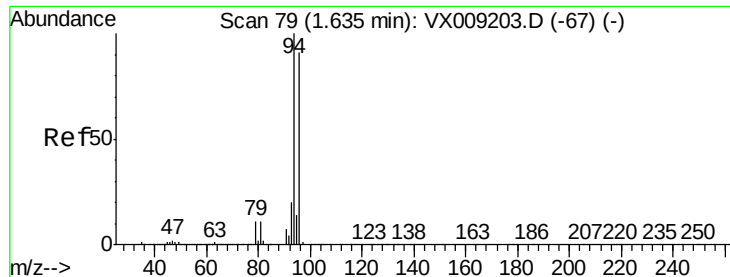
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 18.999 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion: 94 Resp: 29975

Ion Ratio Lower Upper

94 100

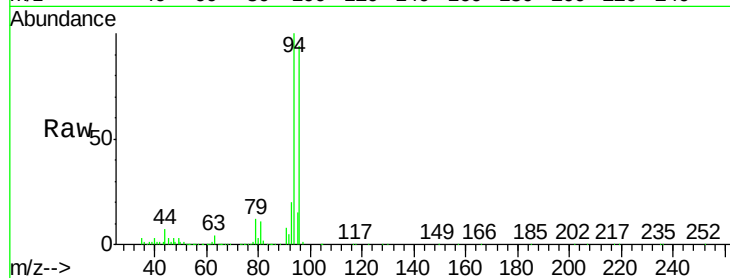
96 93.6 73.0 109.6

Manual Integrations

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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

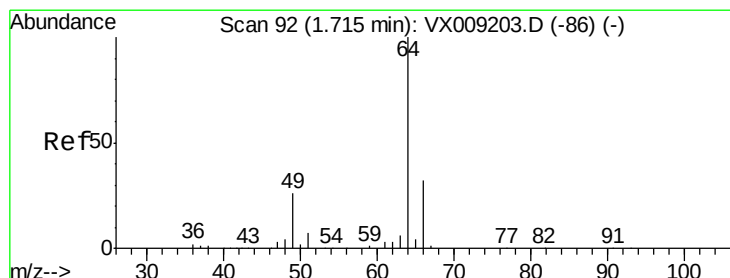
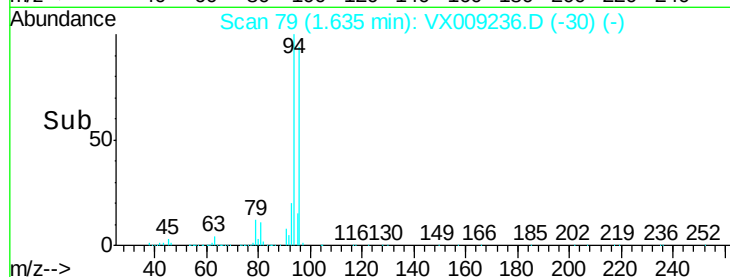
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.847 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009236.D

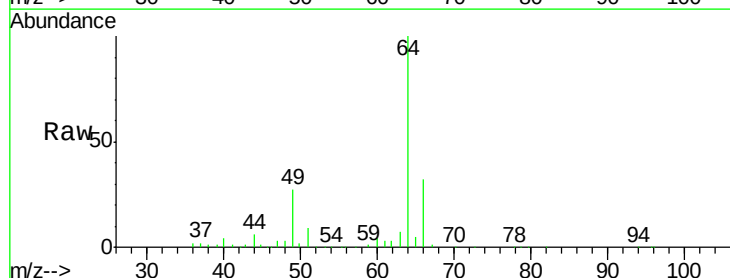
Acq: 30 Apr 2019 11:24

Tgt Ion: 64 Resp: 31808

Ion Ratio Lower Upper

64 100

66 32.3 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

25000

20000

15000

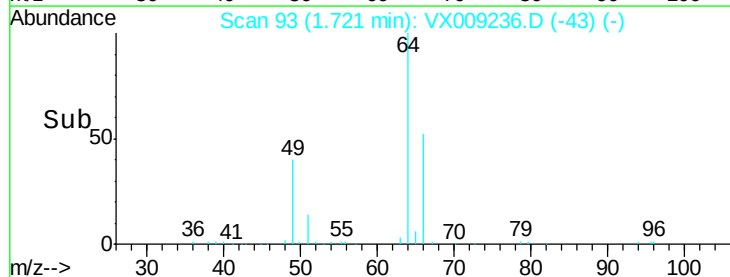
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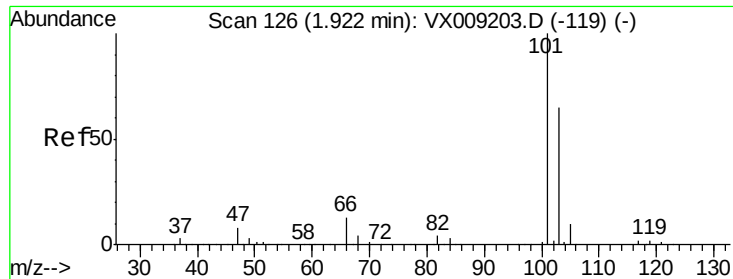
5000

0

1.65 1.70 1.75 1.80

Time-->





#7

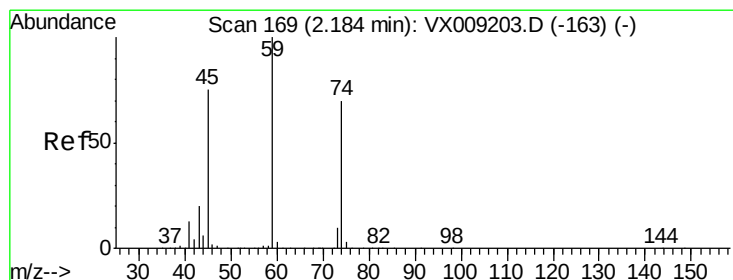
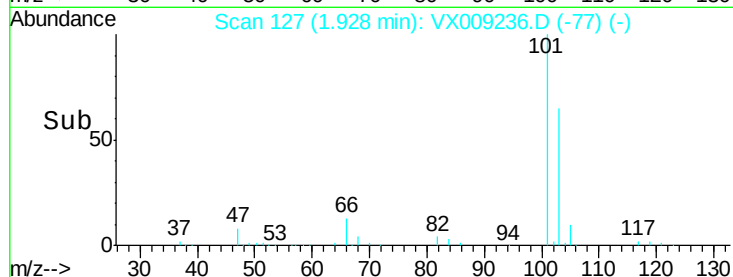
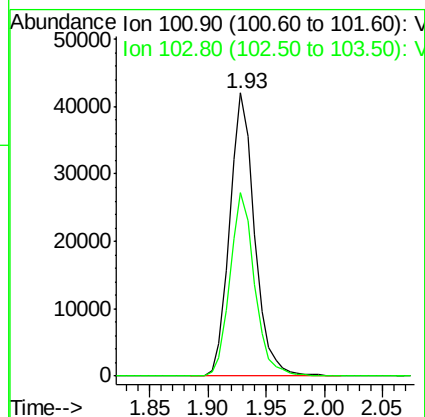
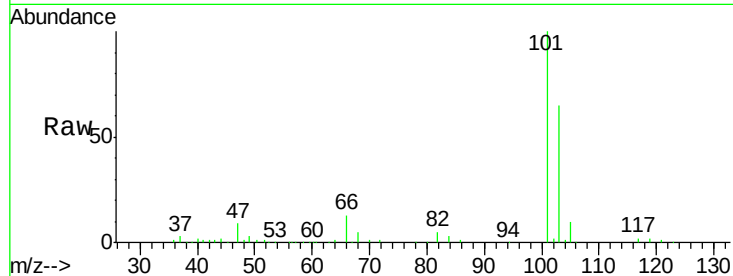
Trichlorofluoromethane
Concen: 19.654 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion:101 Resp: 62800
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

Manual Integrations
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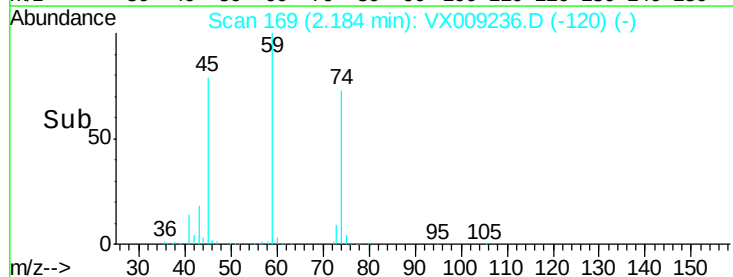
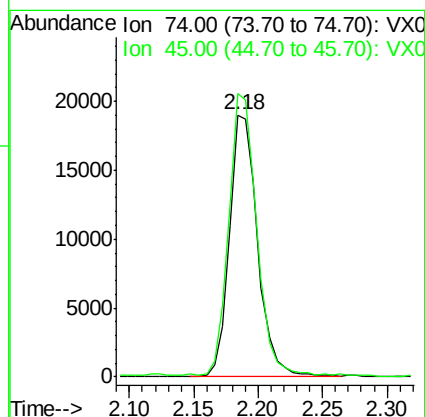
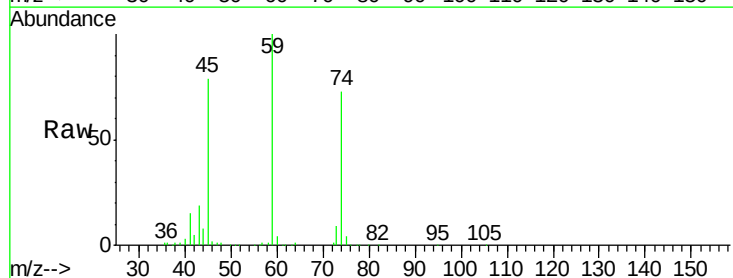
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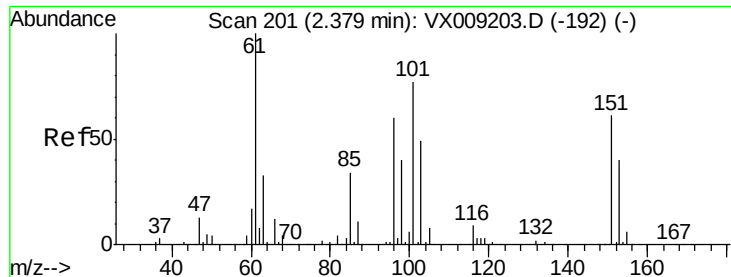


#8

Diethyl Ether
Concen: 19.255 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 74 Resp: 29143
Ion Ratio Lower Upper
74 100
45 108.5 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.929 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

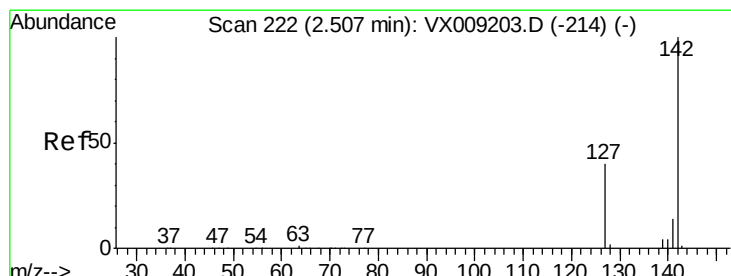
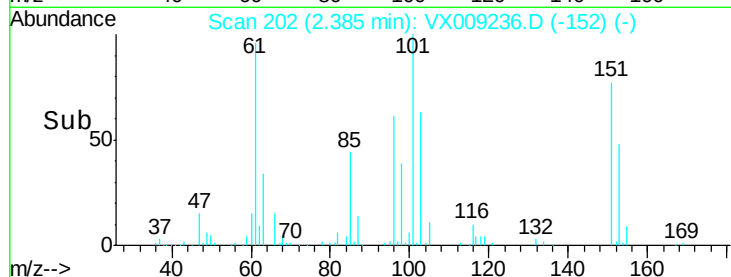
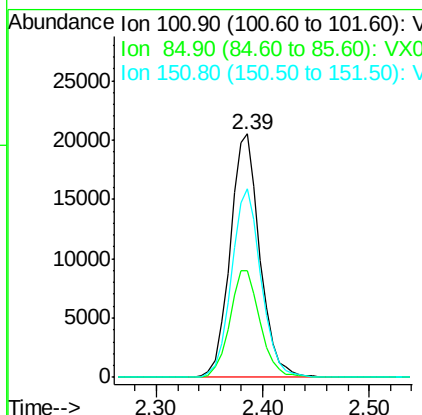
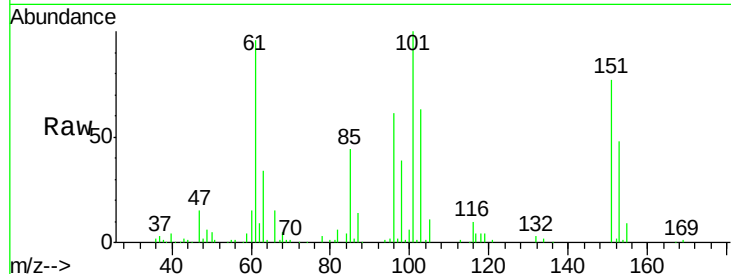
ClientSampled :

VX0430WBS01

Tot Ion:	101	Resp:	39987
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.7	53.5
151	77.8	62.2	93.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.680 ug/l

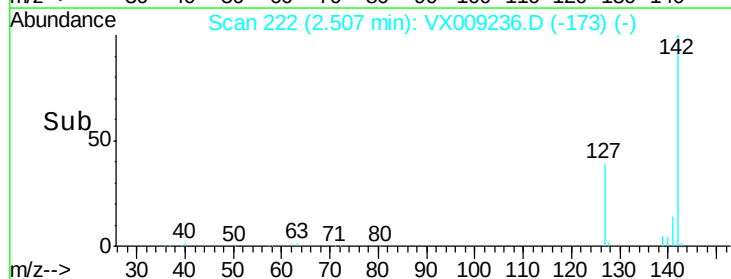
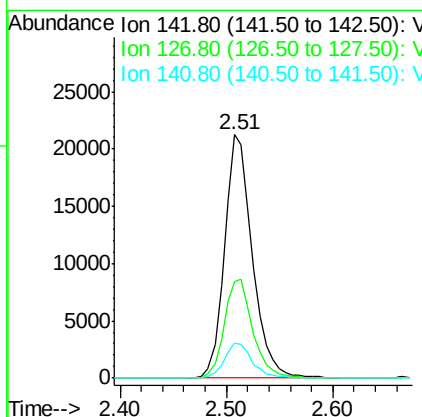
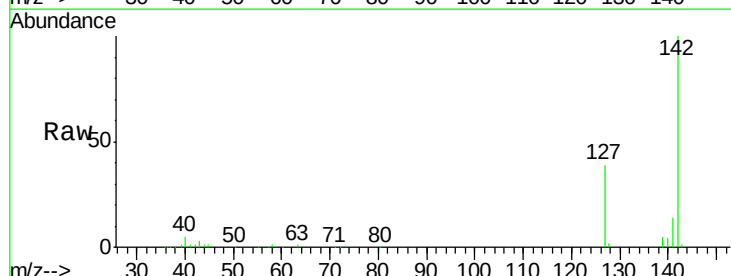
RT: 2.51 min Scan# 222

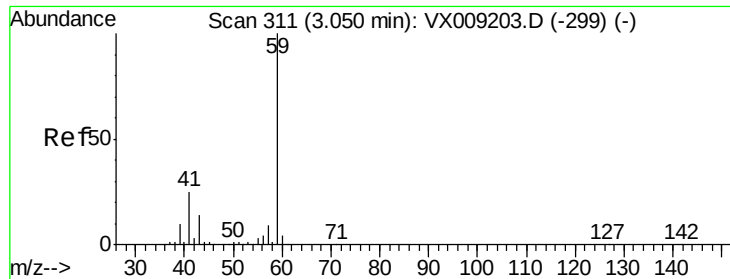
Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tgt Ion:	142	Resp:	38729
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.7	49.1
141	14.5	11.5	17.3





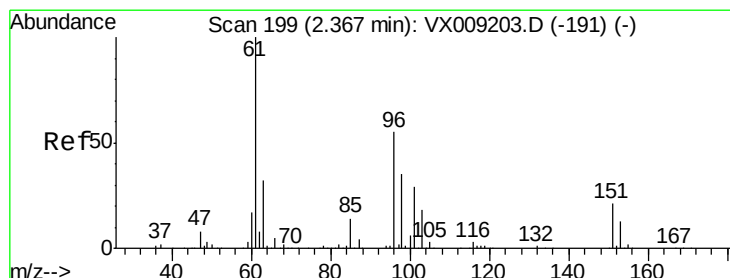
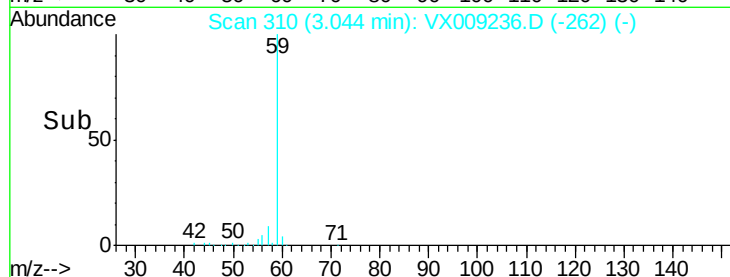
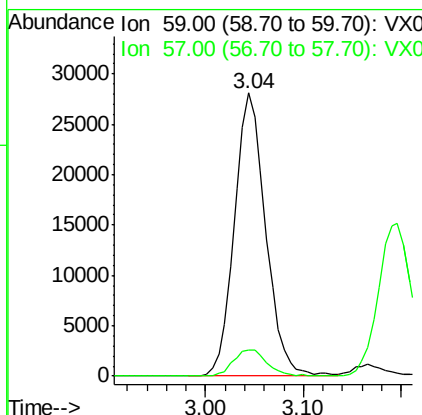
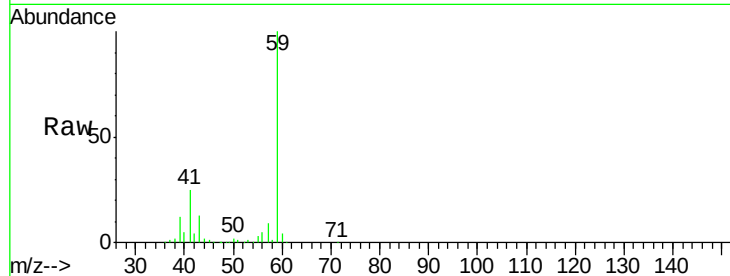
#11
Tert butyl alcohol
Concen: 92.121 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	59	Resp	62371
Ion Ratio	100	Lower	Upper
57	10.2	8.2	12.2

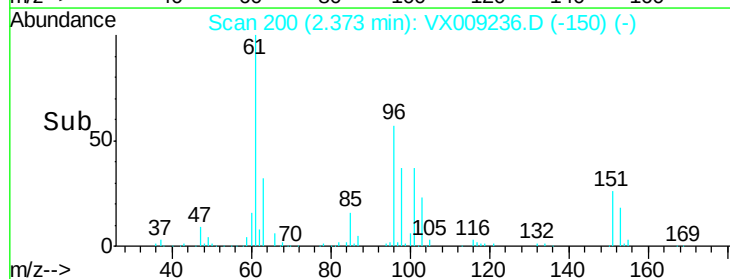
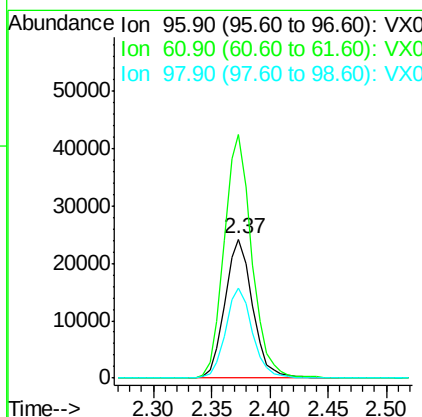
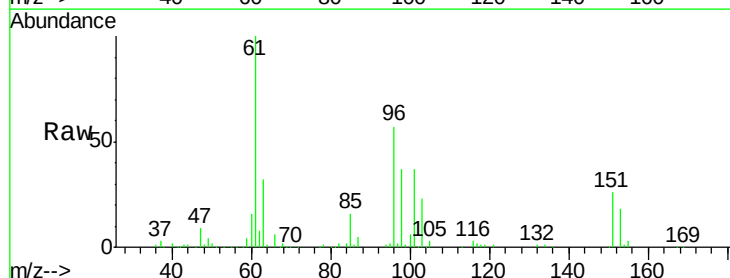
Manual Integrations
APPROVED

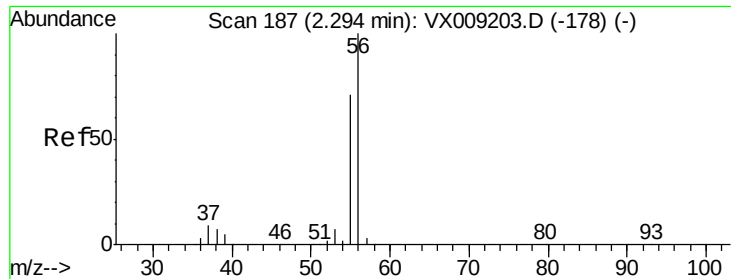
MMDadoda
5/1/2019 10:05:02 AM



#12
1,1-Dichloroethene
Concen: 19.795 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	96	Resp	39797
Ion Ratio	100	Lower	Upper
61	175.5	144.3	216.5
98	65.0	50.3	75.5





#13

Acrolein

Concen: 82.433 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 56 Resp: 50545

Ion Ratio Lower Upper

56 100

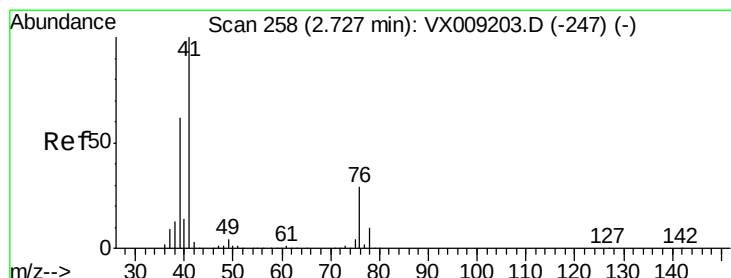
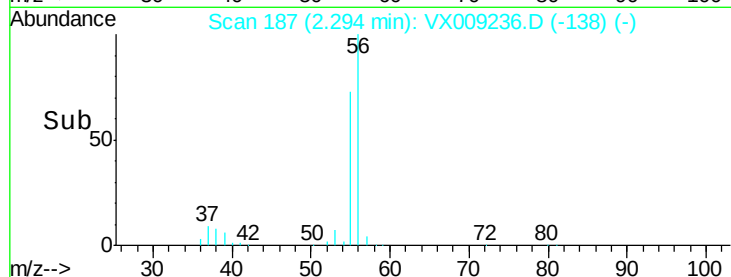
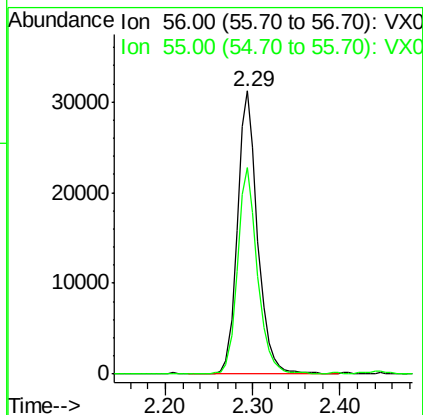
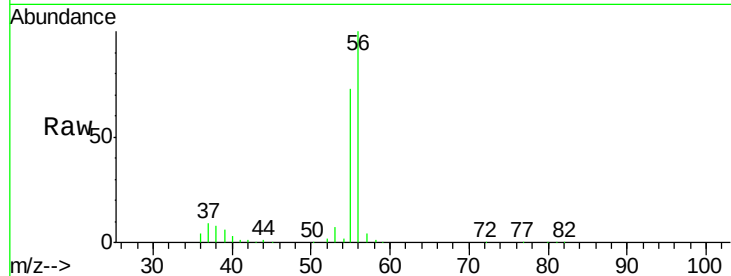
55 72.2 56.6 85.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 18.739 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

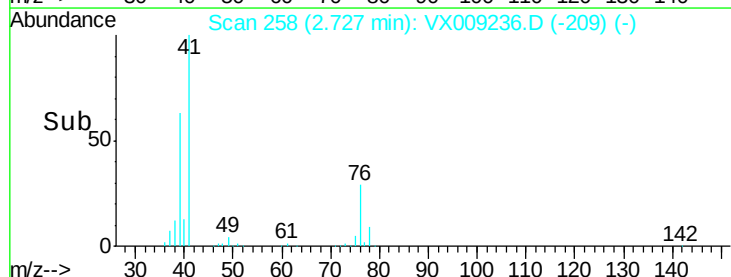
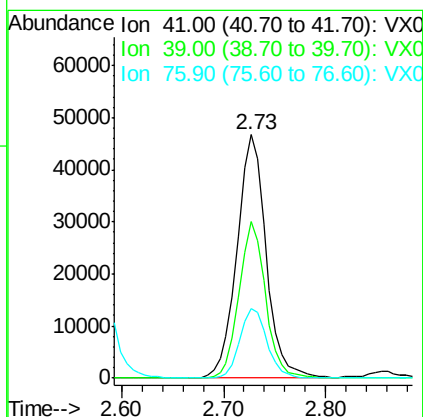
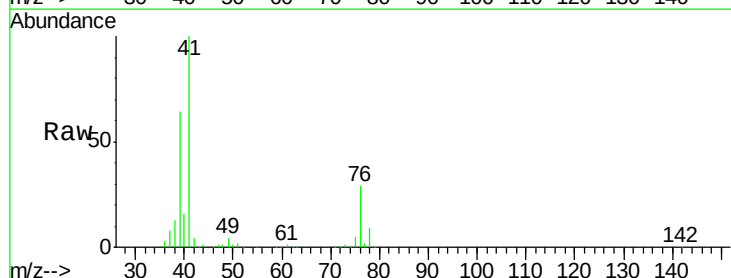
Tgt Ion: 41 Resp: 91808

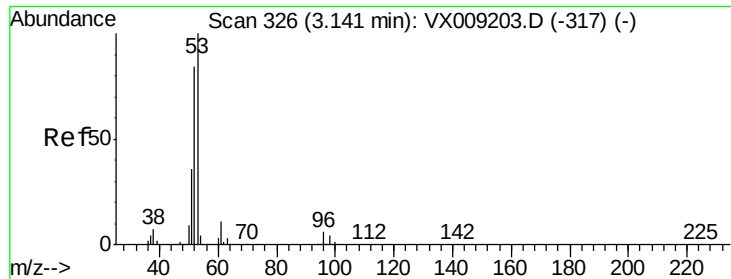
Ion Ratio Lower Upper

41 100

39 59.2 46.7 70.1

76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 93.402 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

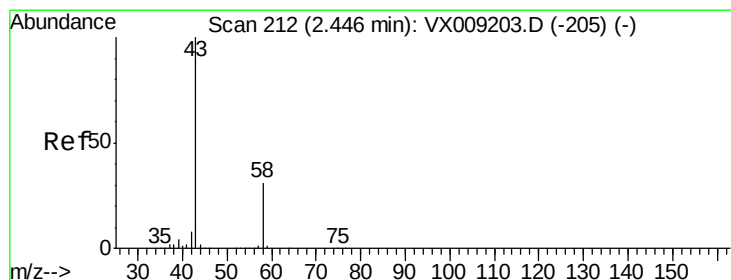
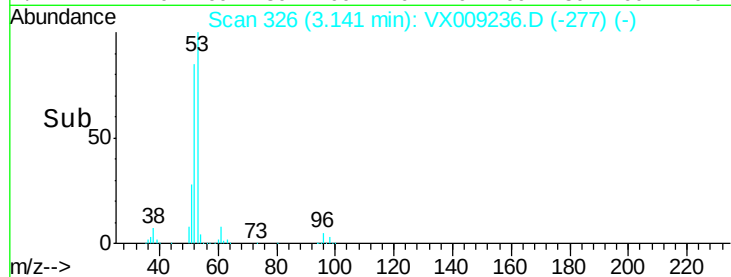
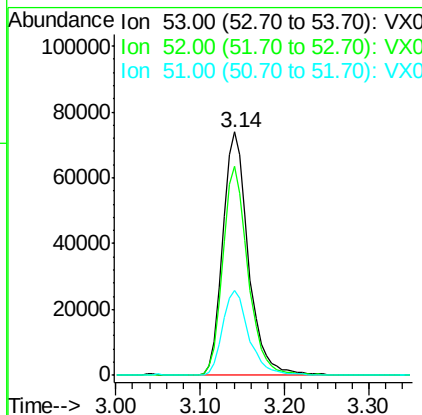
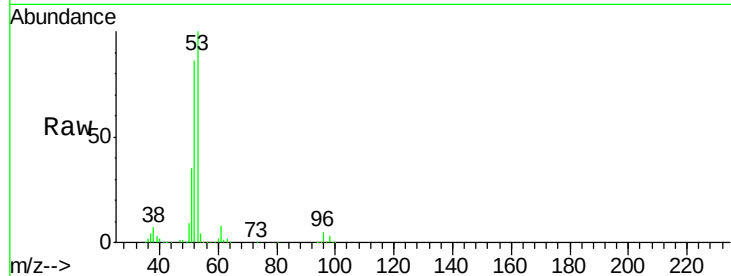
ClientSampled :

VX0430WBS01

Tot Ion:	53	Resp:	154623
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.9	100.3
51	36.0	28.2	42.2

Manual Integrations
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5/1/2019 10:05:02 AM



#16

Acetone

Concen: 93.194 ug/l

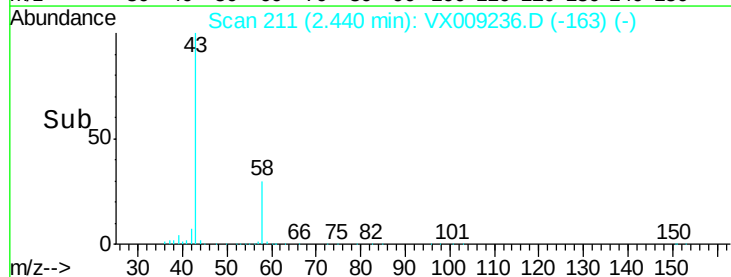
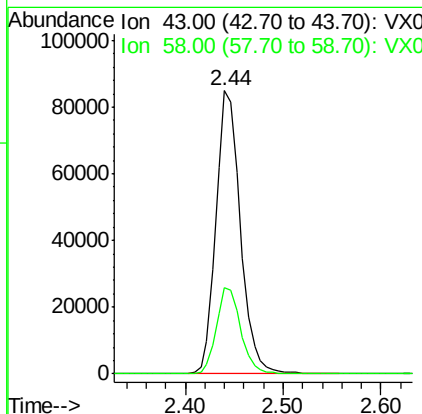
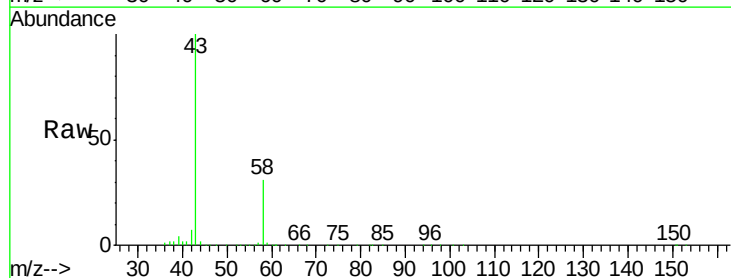
RT: 2.44 min Scan# 211

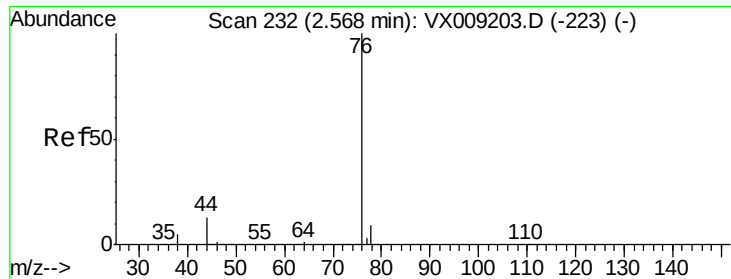
Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tgt Ion:	43	Resp:	146370
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.9	37.3





#17

Carbon Disulfide

Concen: 19.186 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion: 76 Resp: 108294

Ion Ratio Lower Upper

76 100

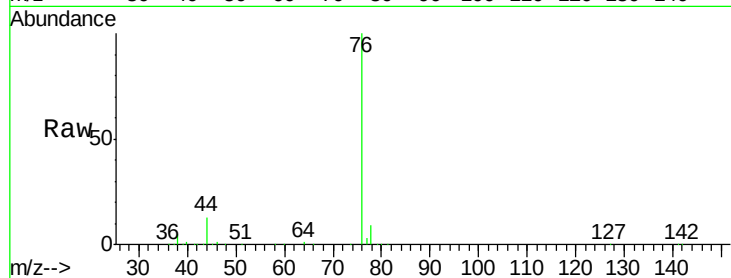
78 9.0 7.4 11.0

Manual Integrations

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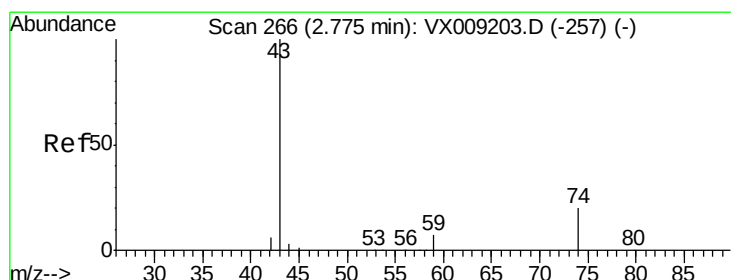
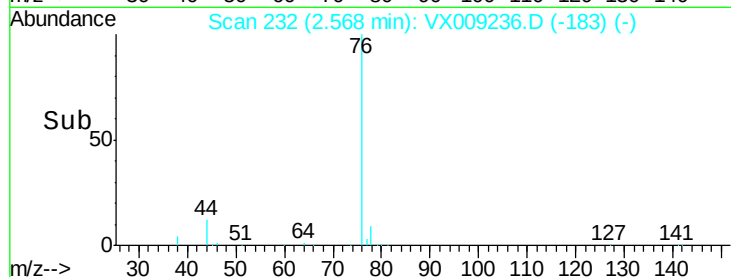
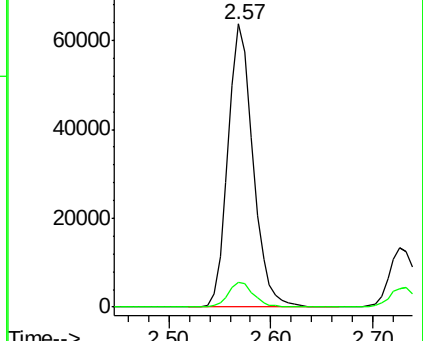
MMDadoda

5/1/2019 10:05:02 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.569 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009236.D

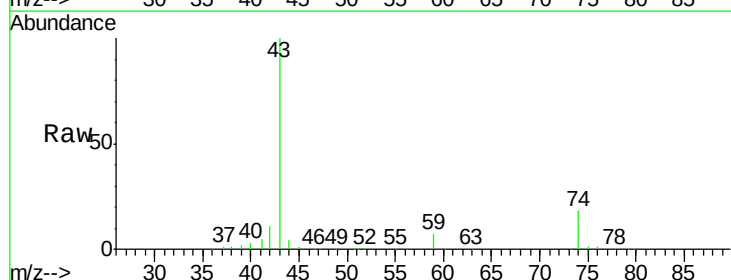
Acq: 30 Apr 2019 11:24

Tgt Ion: 43 Resp: 69359

Ion Ratio Lower Upper

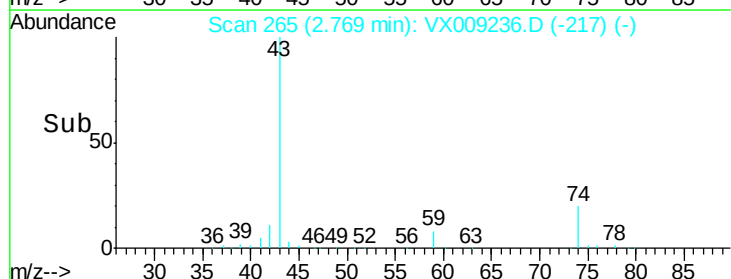
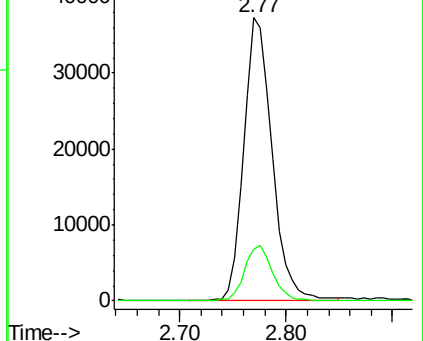
43 100

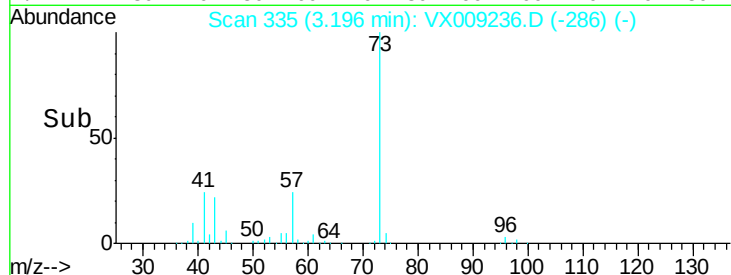
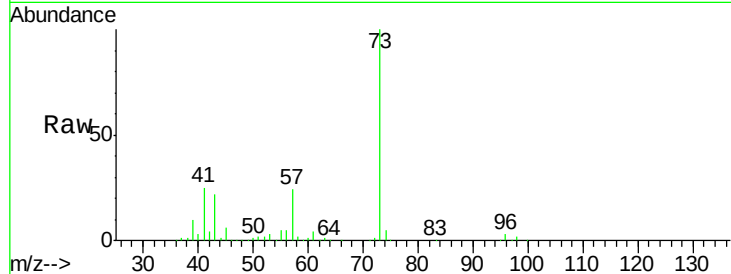
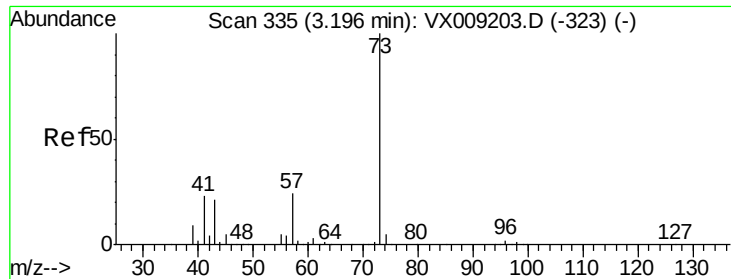
74 19.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





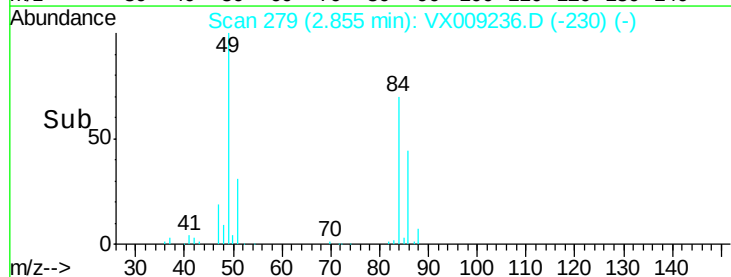
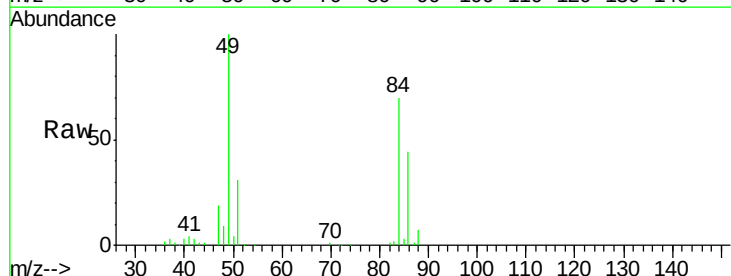
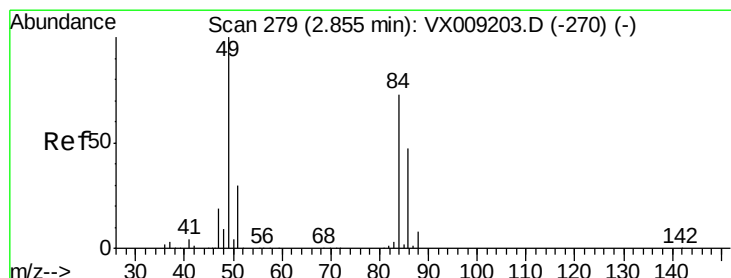
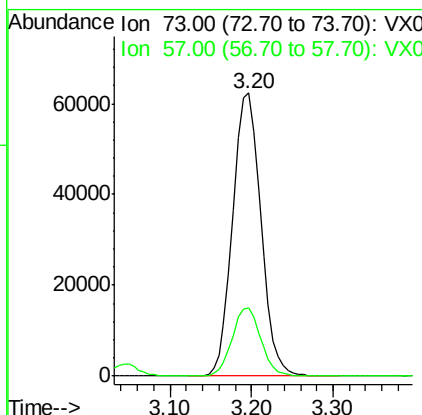
#19
Methyl tert-butyl Ether
Concen: 19.109 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tot Ion	73	Resp	149183
Ion Ratio	100	Lower	Upper
73	100		
57	24.3	19.3	28.9

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

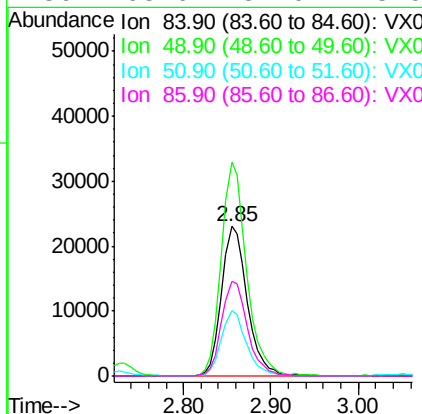
Manual Integrations
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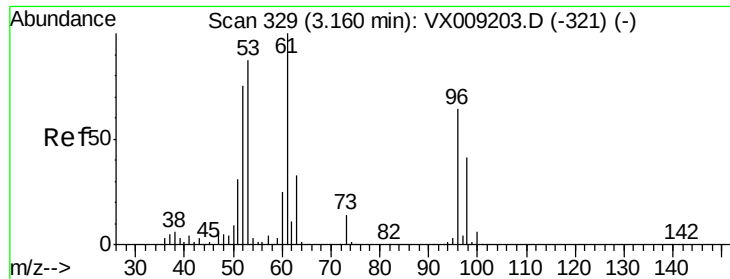
MMDadoda
5/1/2019 10:05:02 AM



#20
Methylene Chloride
Concen: 18.448 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	84	Resp	46913
Ion Ratio	100	Lower	Upper
84	100		
49	142.9	109.9	164.9
51	43.8	32.7	49.1
86	63.6	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 19.161 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

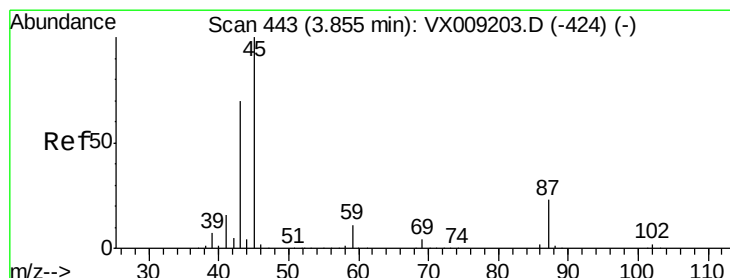
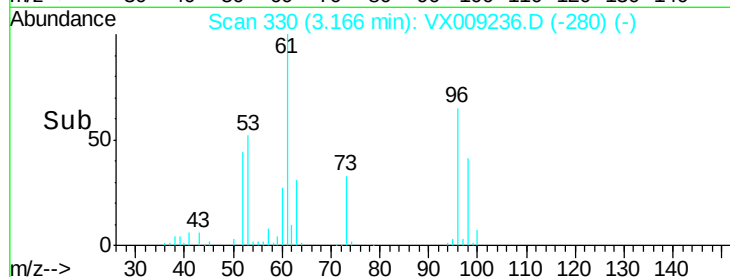
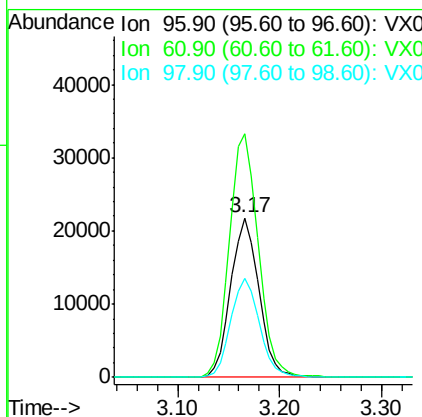
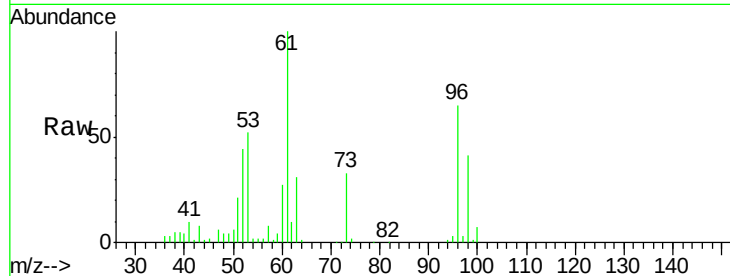
ClientSampled :

VX0430WBS01

Tot Ion:	96	Resp:	41777
Ion	Ratio	Lower	Upper
96	100		
61	152.8	124.5	186.7
98	62.3	50.4	75.6

Manual Integrations
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5/1/2019 10:05:02 AM



#22

Diisopropyl ether

Concen: 19.490 ug/l

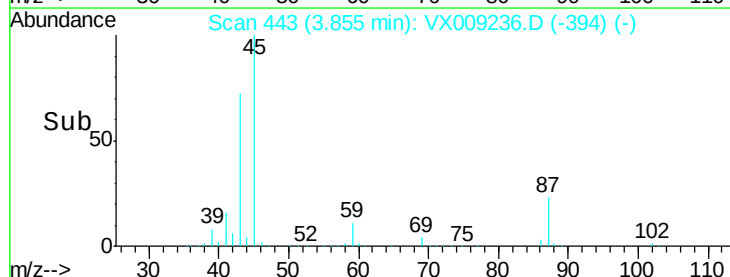
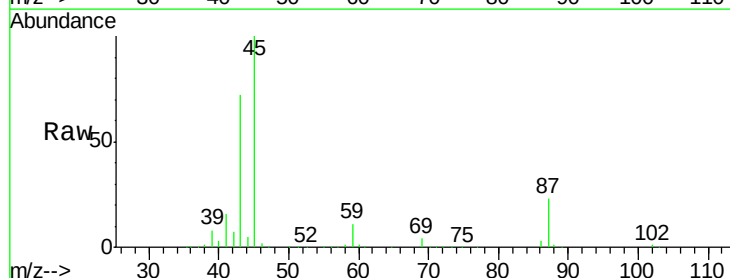
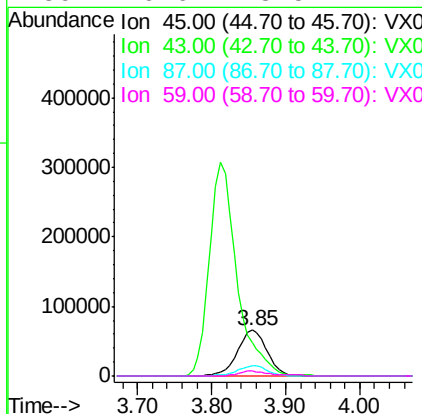
RT: 3.85 min Scan# 443

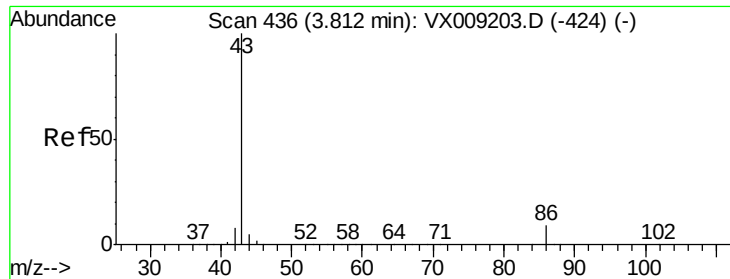
Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tgt Ion:	45	Resp:	183634
Ion	Ratio	Lower	Upper
45	100		
43	71.3	56.1	84.1
87	23.2	18.1	27.1
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 98.137 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 43 Resp: 791791

Ion Ratio Lower Upper

43 100

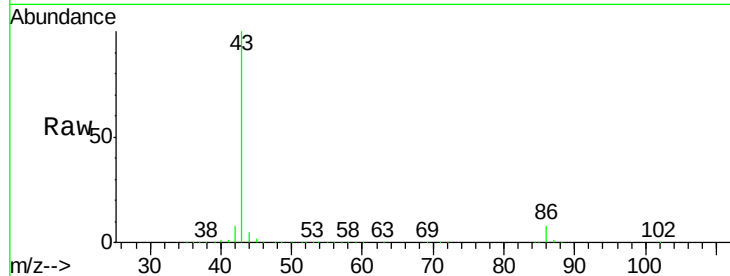
86 8.1 6.9 10.3

Manual Integrations

APPROVED

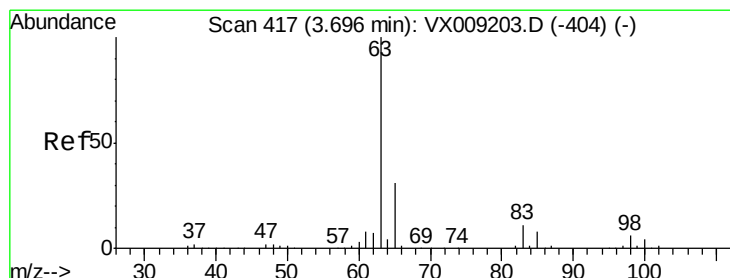
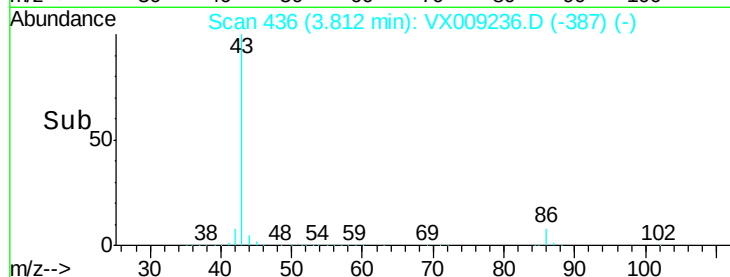
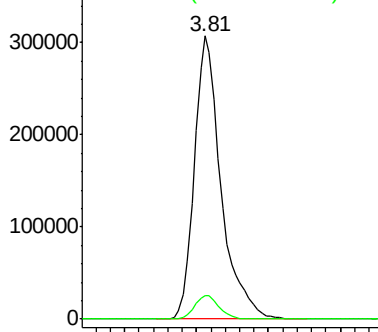
MMDadoda

5/1/2019 10:05:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.222 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

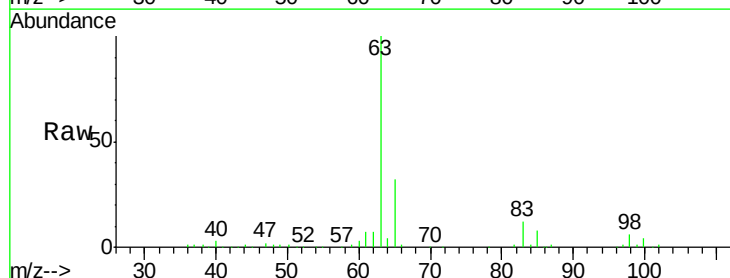
Tgt Ion: 63 Resp: 89343

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

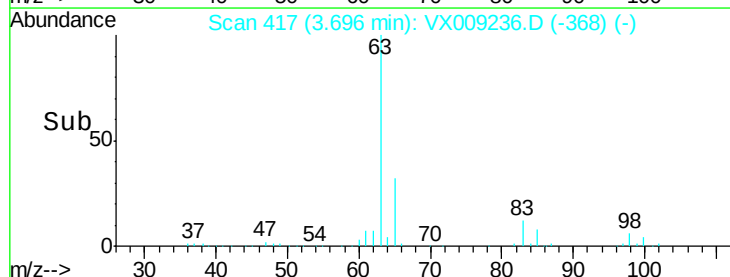
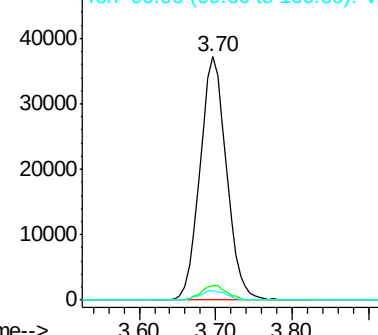
100 3.9 2.0 6.0

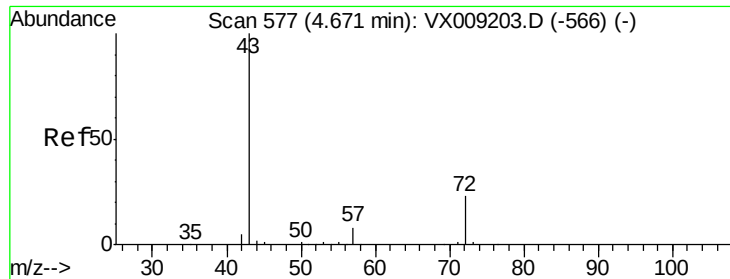


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.557 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tot Ion: 43 Resp: 233221

Ion Ratio Lower Upper

43 100

72 22.6 18.2 27.2

Instrument :

MSVOA_X

ClientSampled :

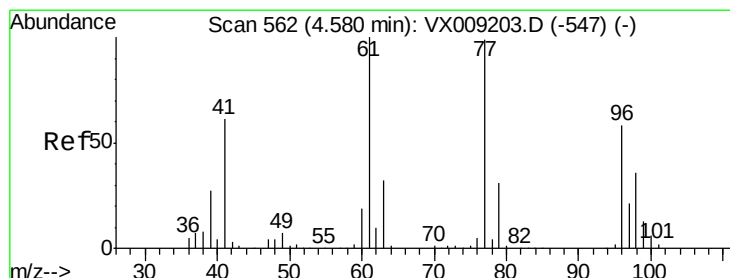
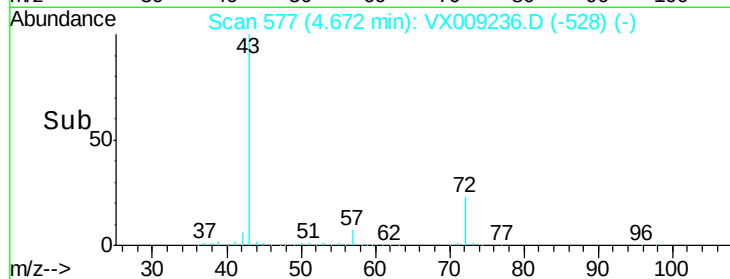
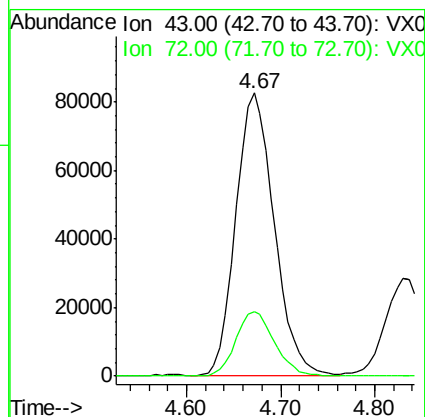
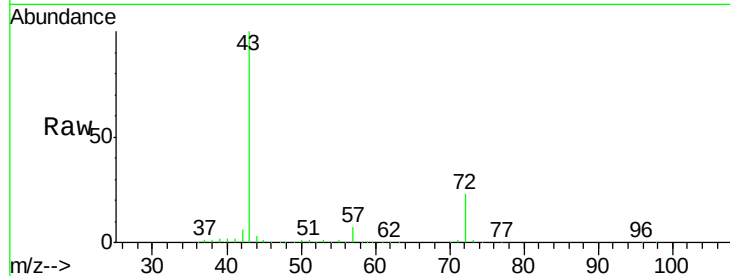
VX0430WBS01

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#26

2,2-Dichloropropane

Concen: 18.907 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009236.D

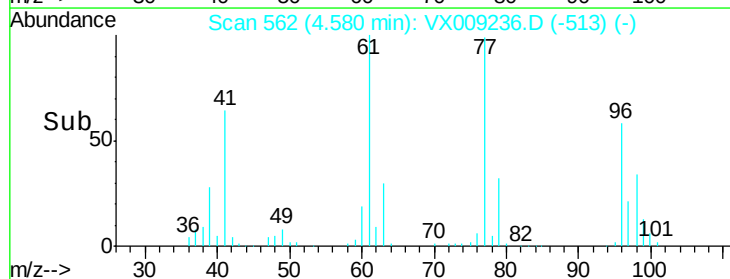
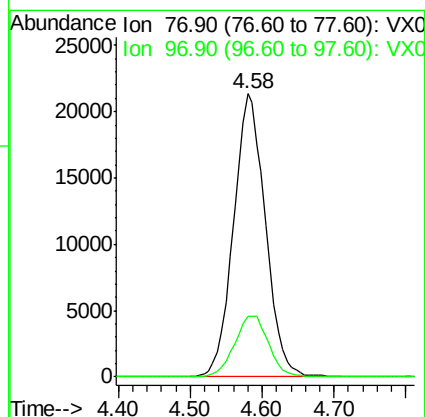
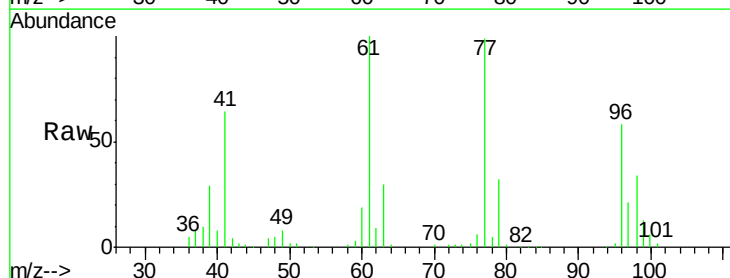
Acq: 30 Apr 2019 11:24

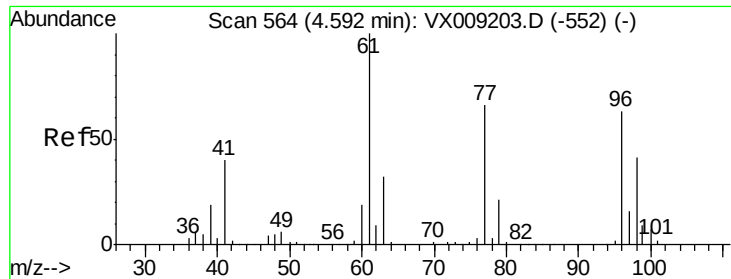
Tgt Ion: 77 Resp: 65414

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

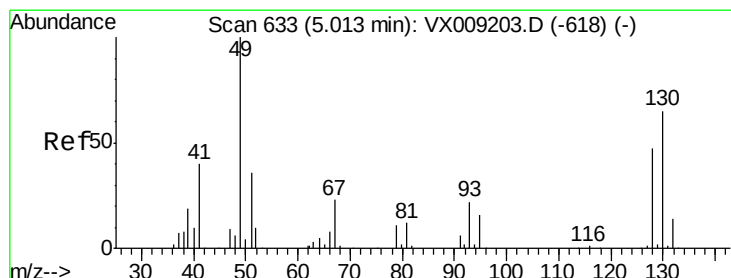
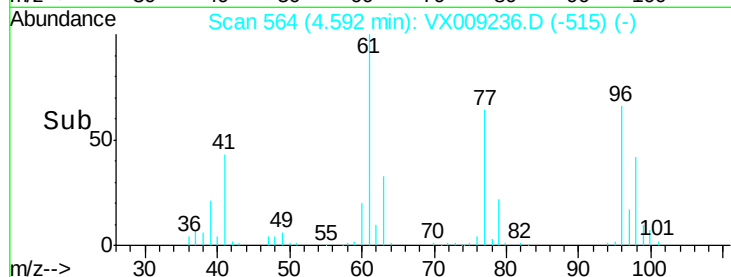
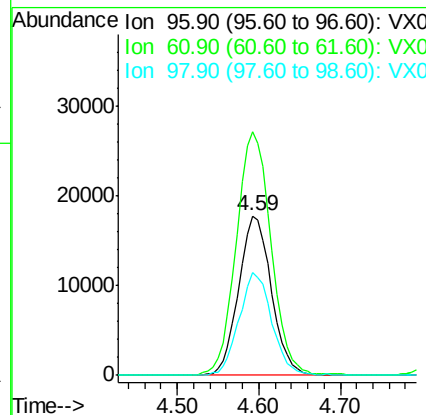
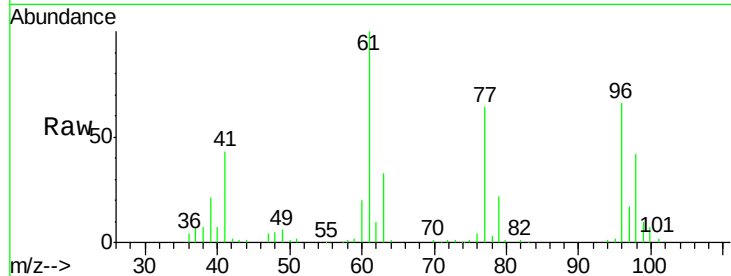
cis-1,2-Dichloroethene
Concen: 18.932 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	324.0
98	64.7	0.0	130.4

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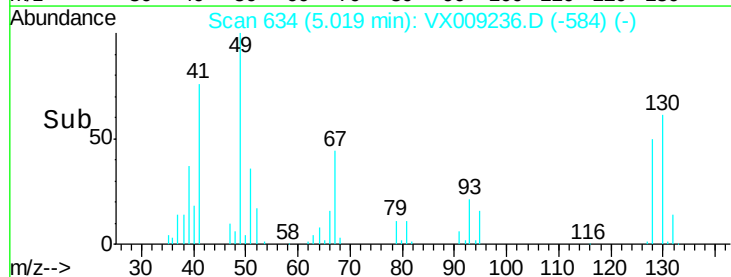
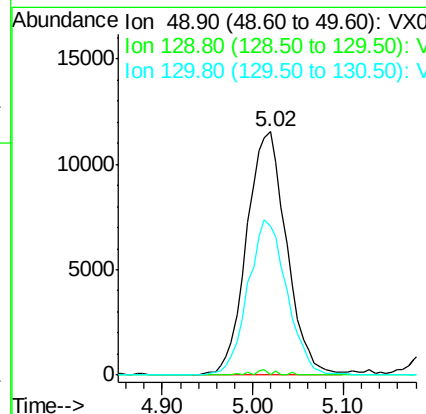
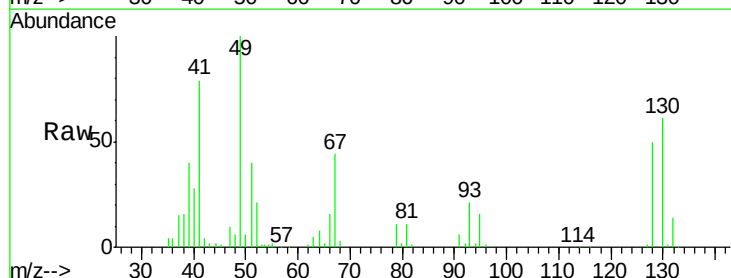
MMDadoda
5/1/2019 10:05:02 AM

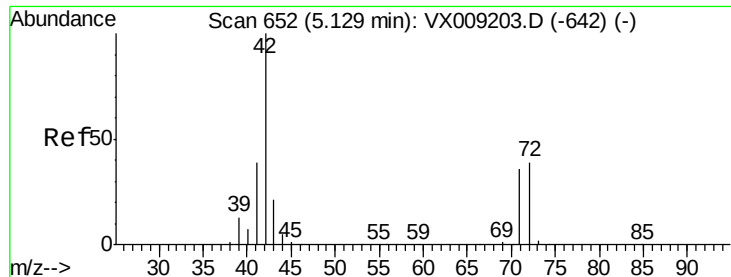


#28

Bromochloromethane
Concen: 17.009 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	62.1	51.2	76.8





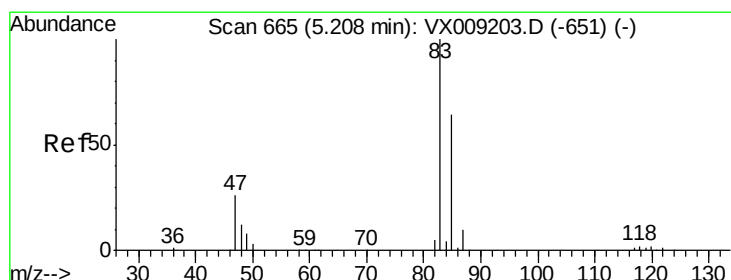
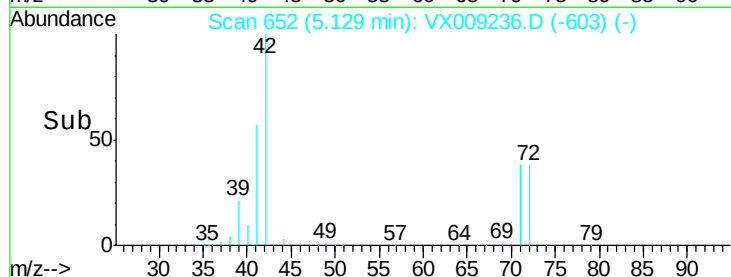
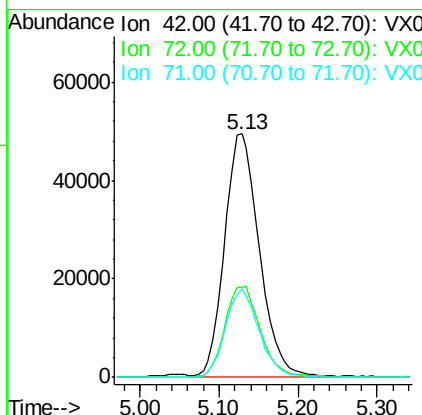
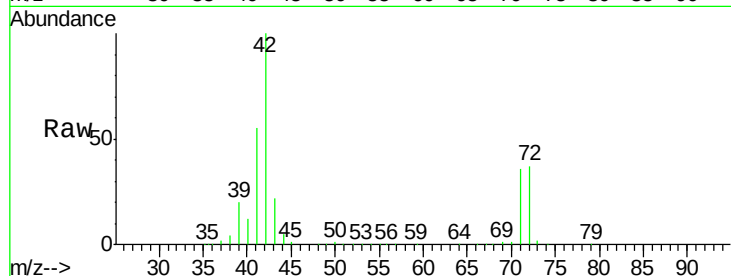
#29
Tetrahydrofuran
Concen: 95.702 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.4	45.6
71	35.5	28.6	43.0

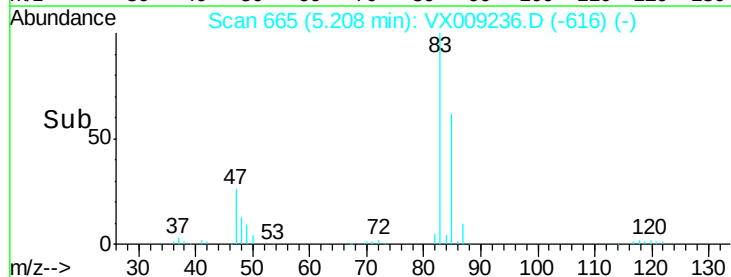
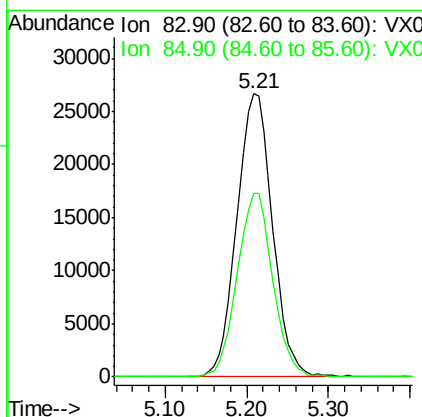
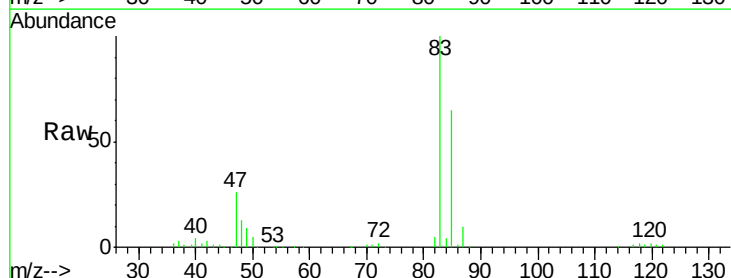
Manual Integrations
APPROVED

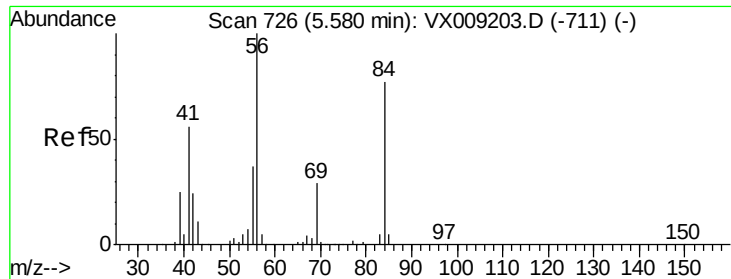
MMDadoda
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#30
Chloroform
Concen: 19.261 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3





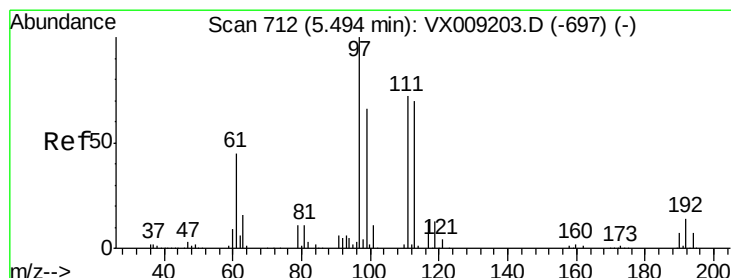
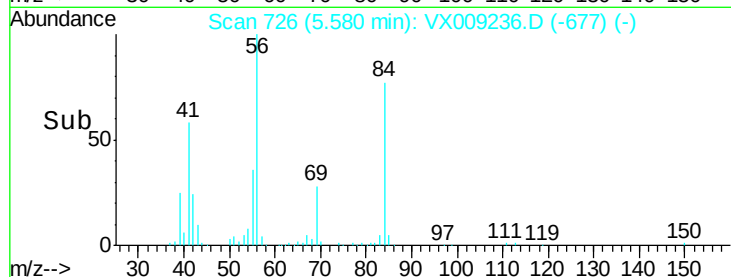
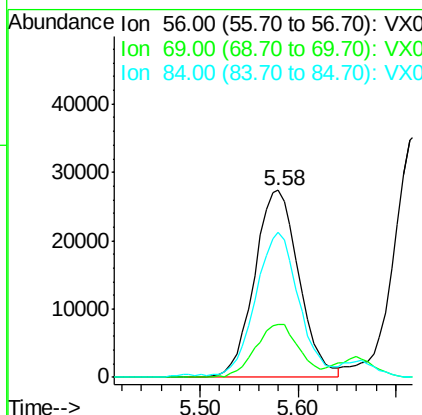
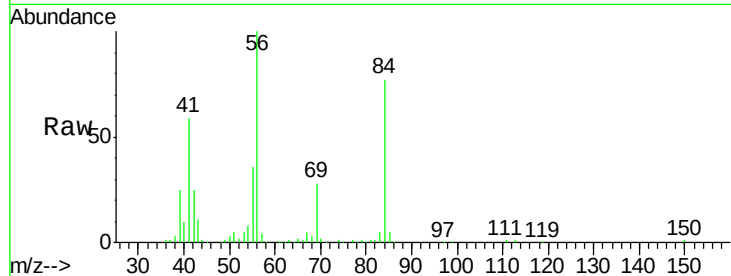
#31
Cyclohexane
Concen: 20.086 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.7	23.4	35.0
84	76.0	61.9	92.9

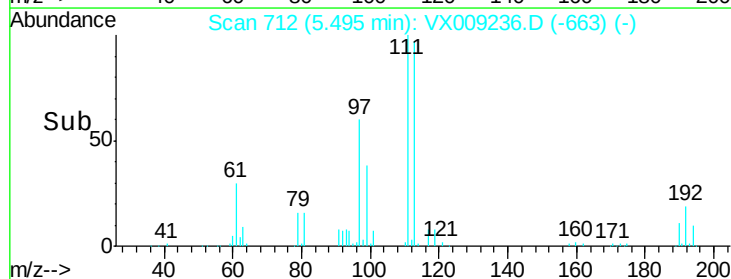
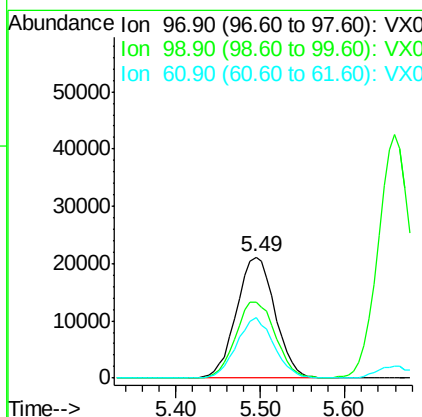
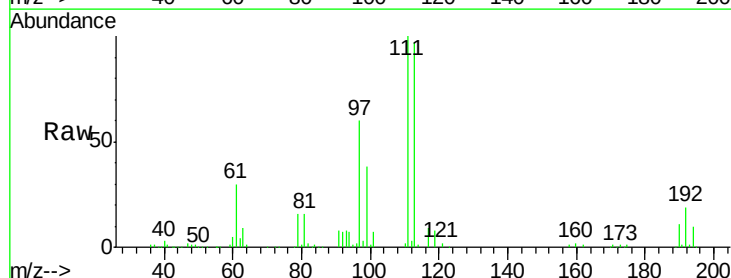
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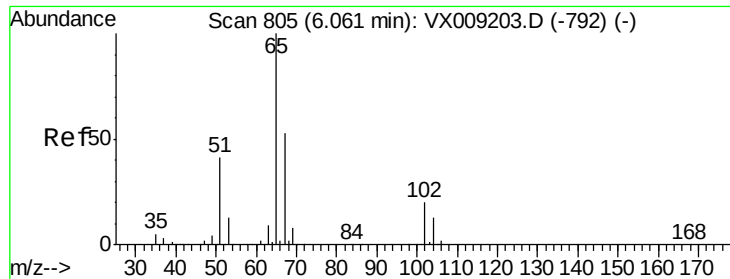
MMDadoda
5/1/2019 10:05:02 AM



#32
1,1,1-Trichloroethane
Concen: 18.773 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	48.3	37.8	56.8





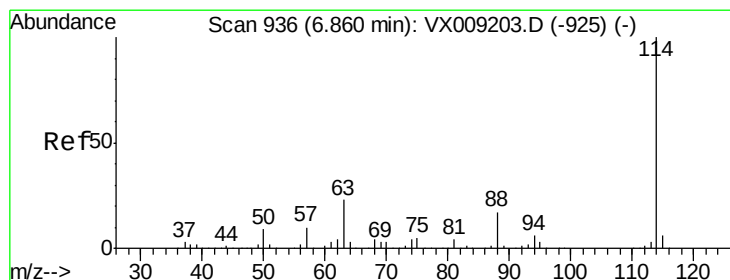
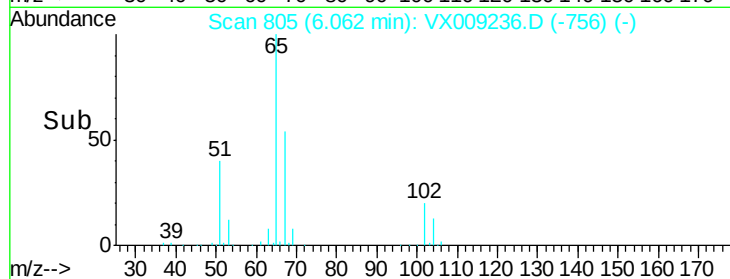
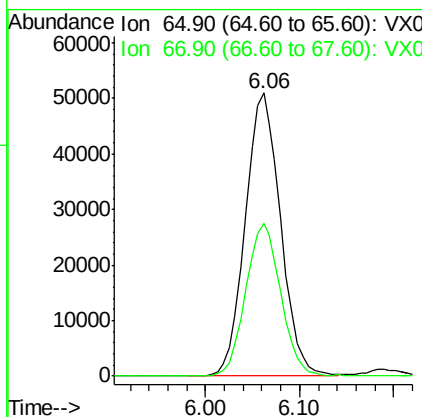
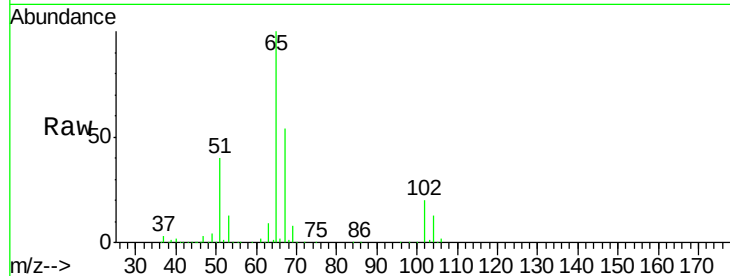
#33
 1,2-Dichloroethane-d4
 Concen: 45.653 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.6

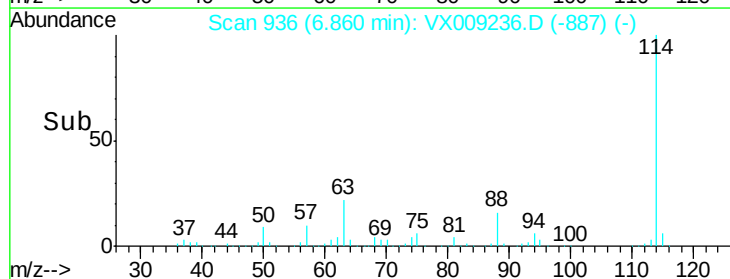
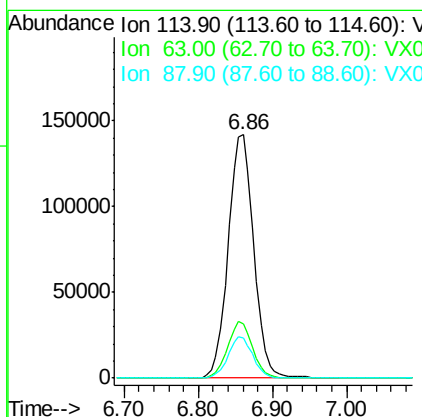
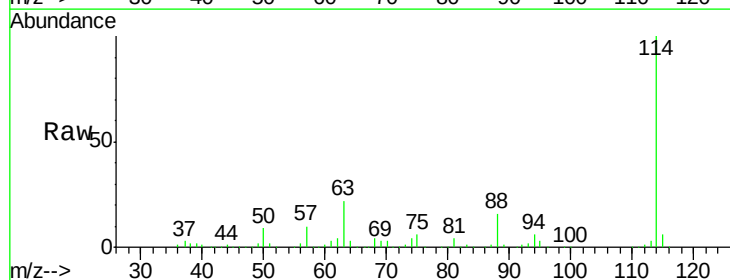
Manual Integrations
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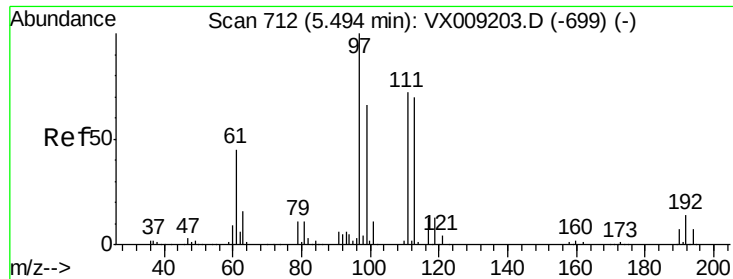
MMDadoda
 5/1/2019 10:05:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.6
88	16.4	0.0	33.2





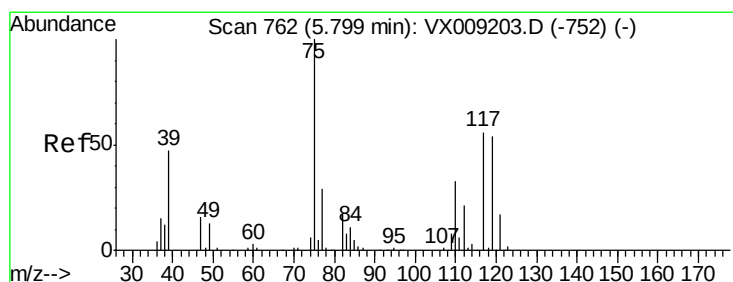
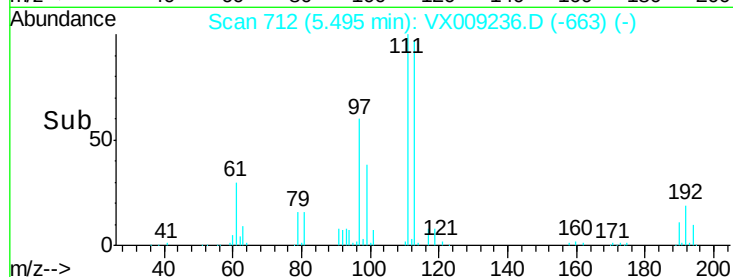
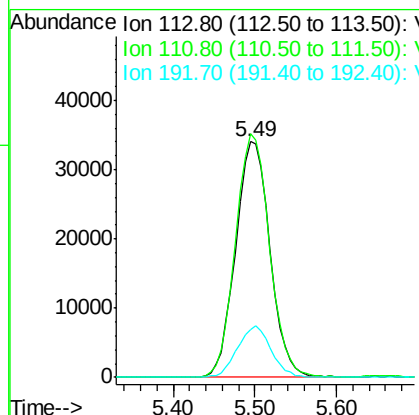
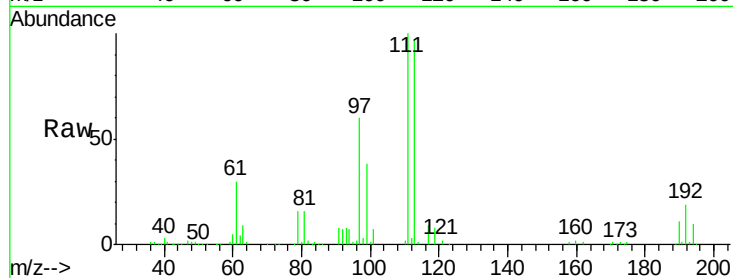
#35
 Dibromofluoromethane
 Concen: 46.427 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	21.1	17.0	25.6

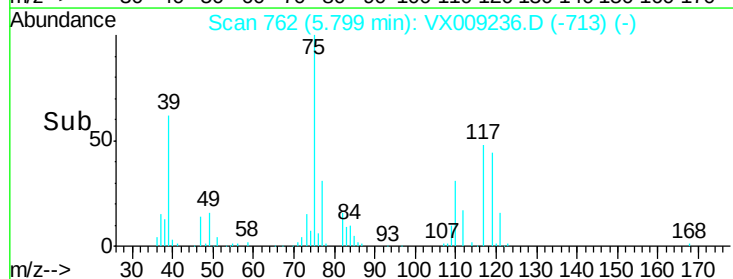
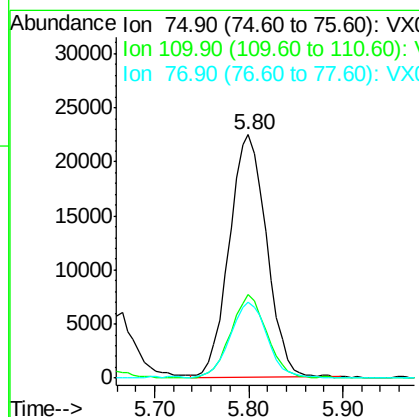
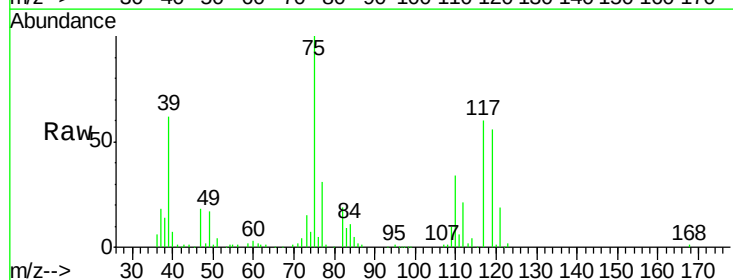
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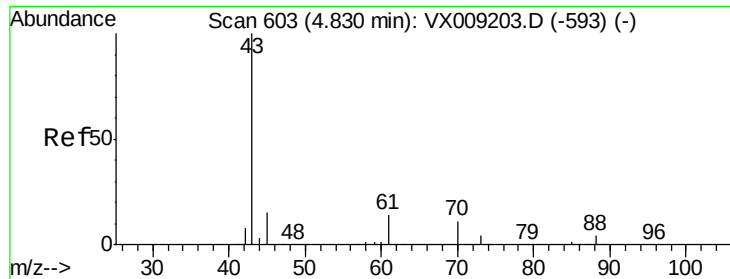
MMDadoda
 5/1/2019 10:05:02 AM



#36
 1,1-Dichloropropene
 Concen: 19.550 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.9	50.6
77	31.2	24.8	37.2





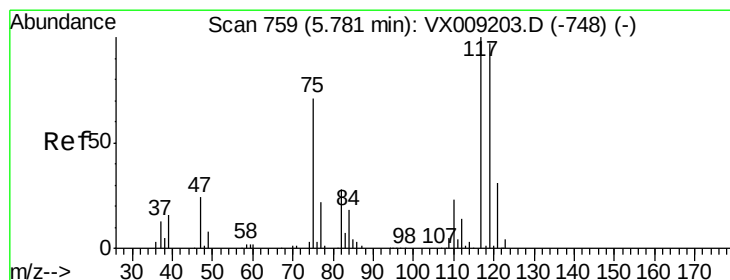
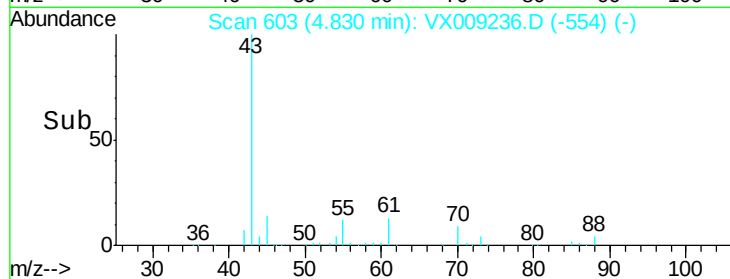
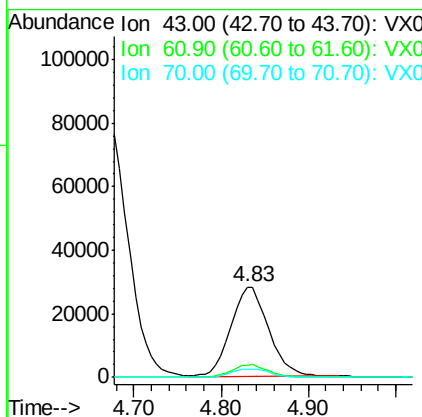
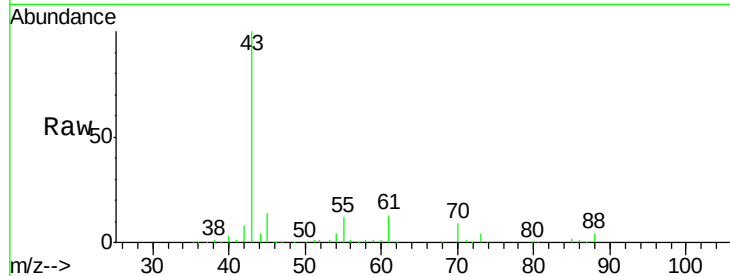
#37
Ethyl Acetate
Concen: 19.118 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0430WBS01

Tot Ion	43	61	70
Resp	84362	13.2	10.0
Lower		10.5	7.9
Upper		15.7	11.9

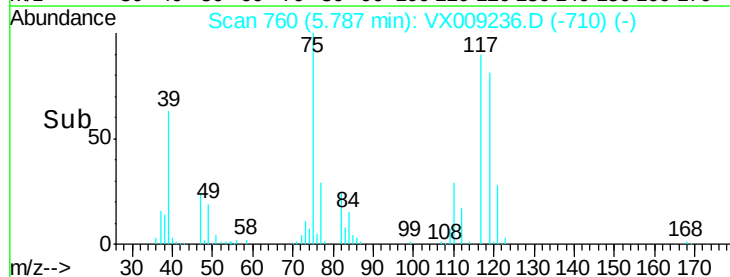
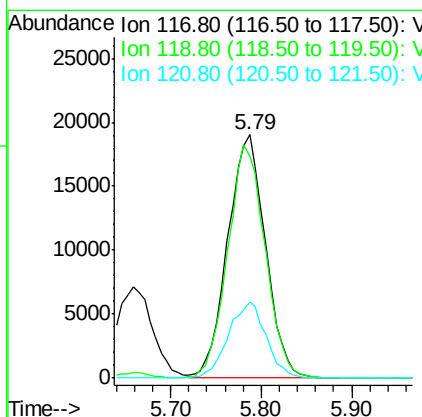
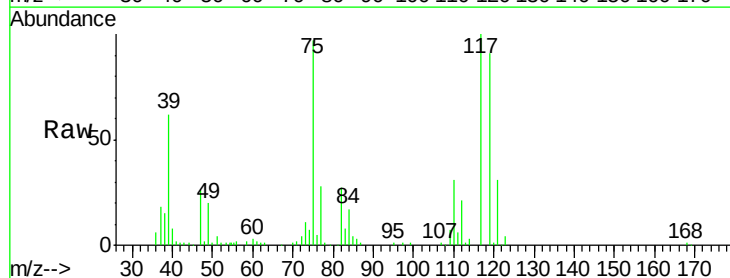
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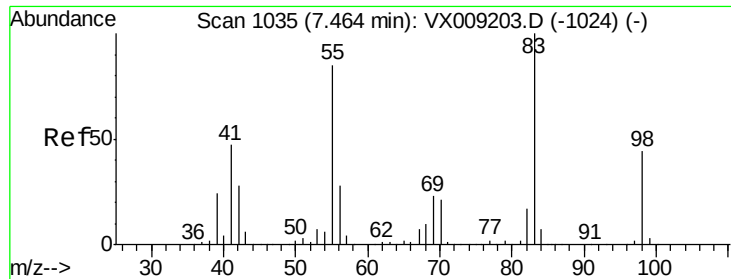
MMDadoda
5/1/2019 10:05:02 AM



#38
Carbon Tetrachloride
Concen: 19.122 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	117	119	121
Resp	55022	91.3	31.1
Lower		77.5	24.7
Upper		116.3	37.1





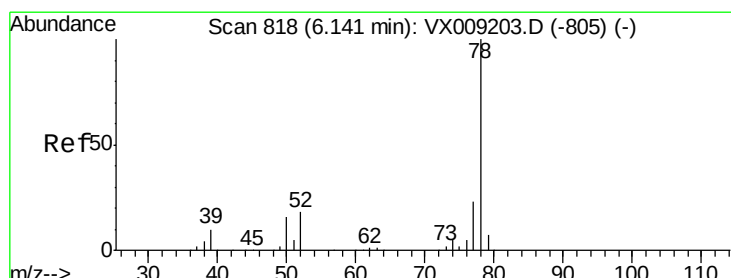
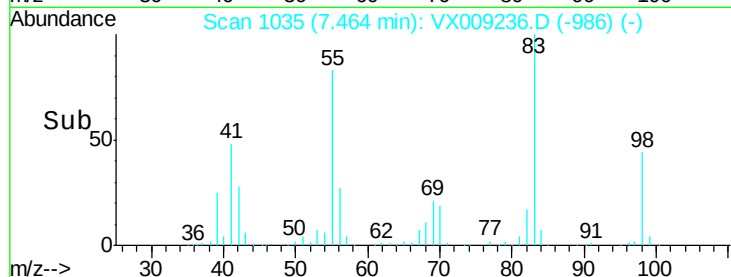
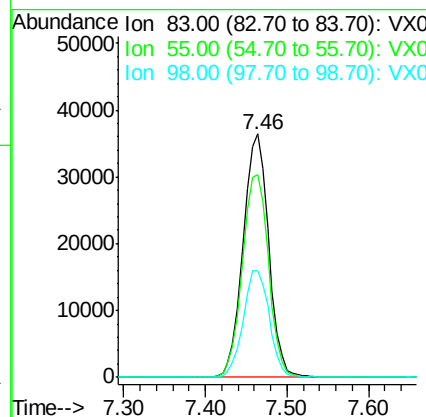
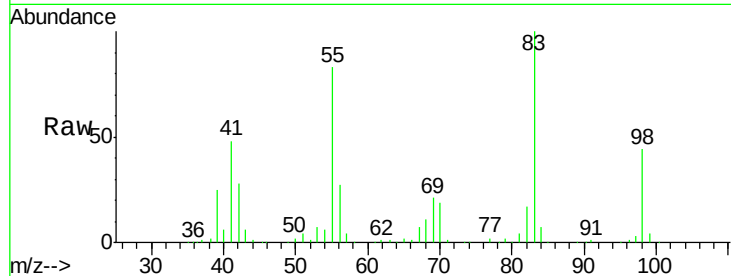
#39
Methylvlcyclohexane
Concen: 20.307 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	83.00	Resp	78982
Ion	Ratio	Lower	Upper
83	100		
55	83.4	67.7	101.5
98	44.1	35.5	53.3

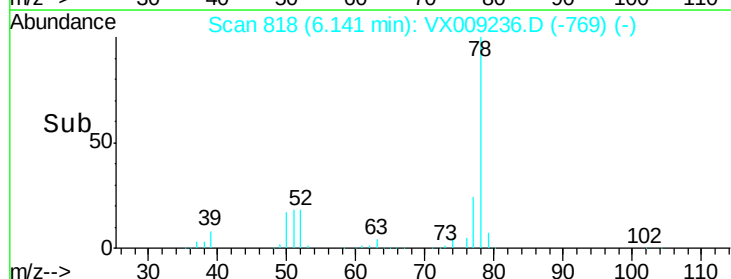
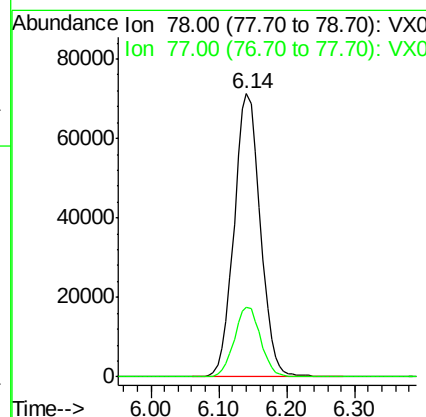
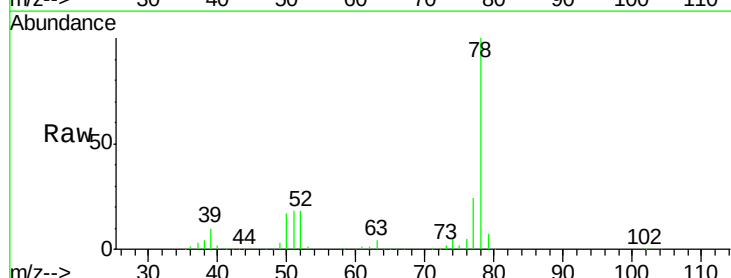
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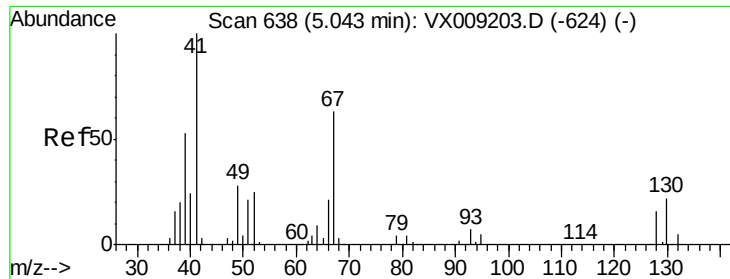
MMDadoda
5/1/2019 10:05:02 AM



#40
Benzene
Concen: 19.471 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	78.00	Resp	190840
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2





#41

Methacrylonitrile

Concen: 18.510 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 41 Resp: 48620

Ion Ratio Lower Upper

41 100

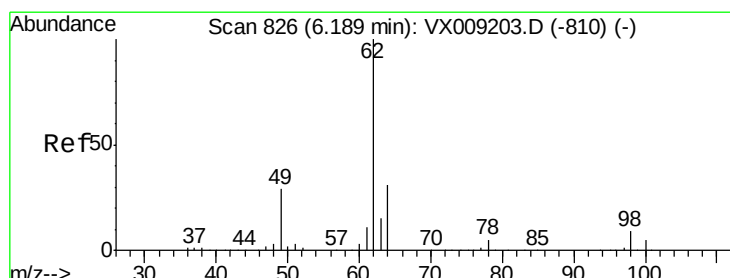
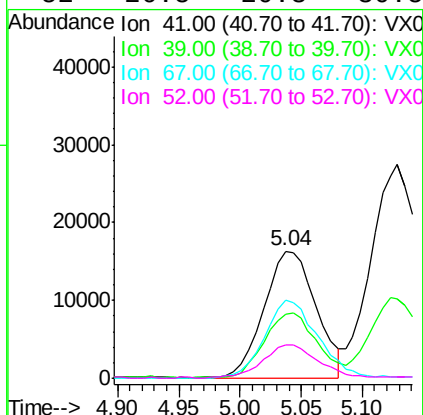
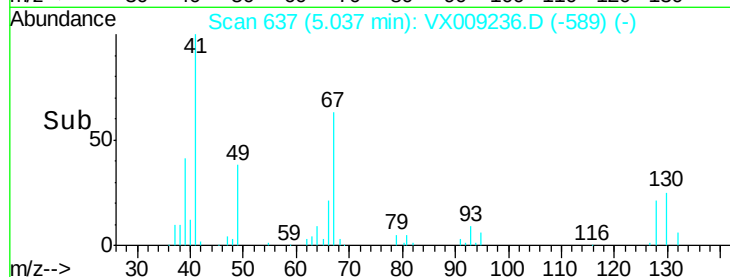
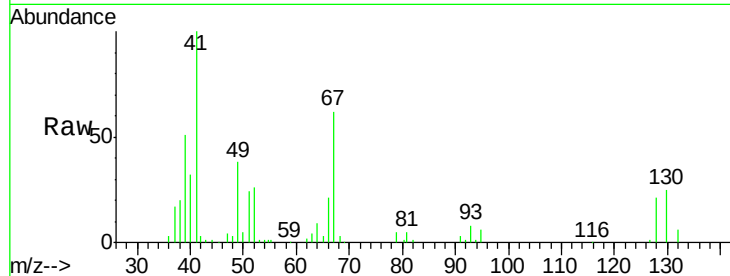
39 53.2 42.0 63.0

67 63.3 49.8 74.8

52 26.5 20.3 30.5

Manual Integrations
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MMDadoda
5/1/2019 10:05:02 AM



#42

1,2-Dichloroethane

Concen: 19.073 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009236.D

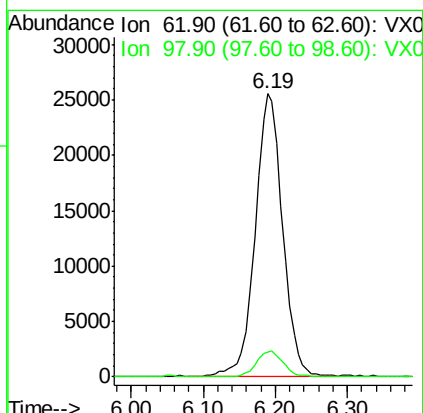
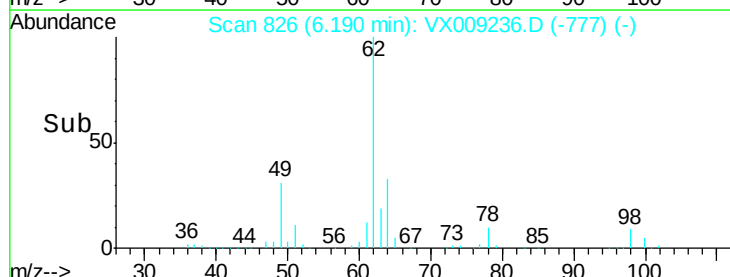
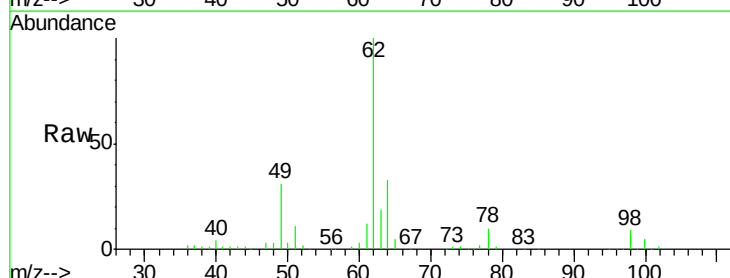
Acq: 30 Apr 2019 11:24

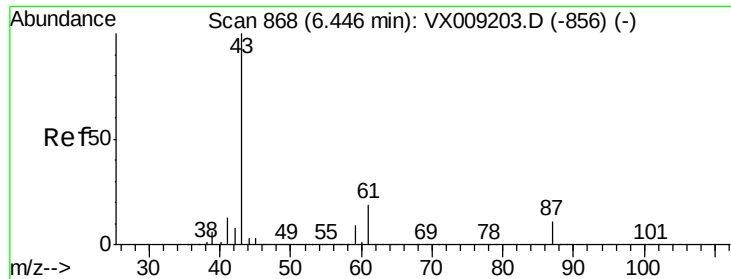
Tgt Ion: 62 Resp: 67058

Ion Ratio Lower Upper

62 100

98 9.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.271 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

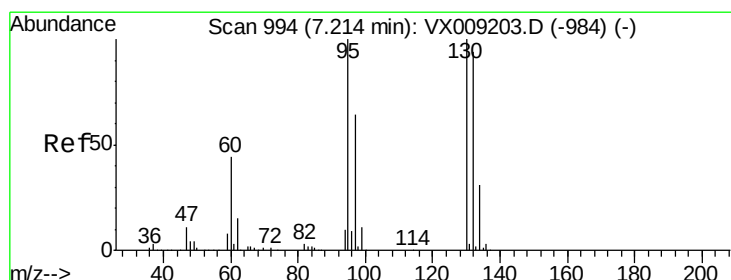
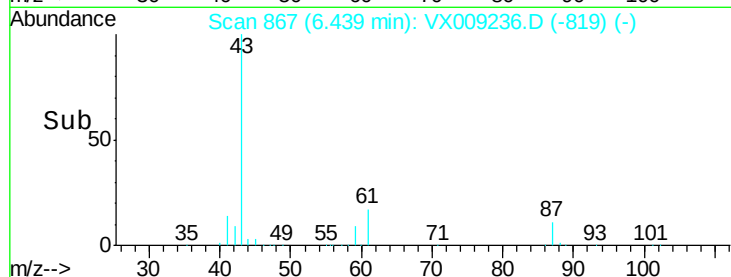
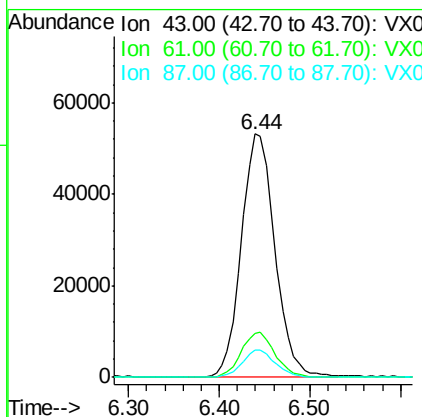
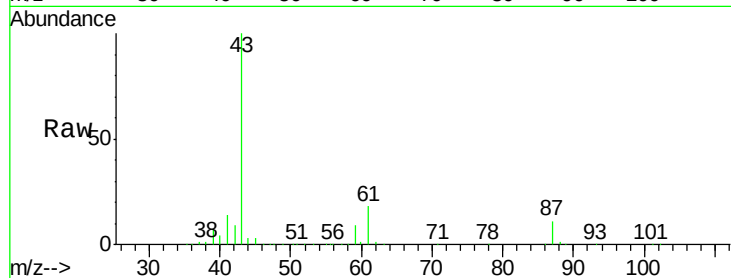
ClientSampled :

VX0430WBS01

Tot Ion:	43	Resp:	136020
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	11.2	9.0	13.6

Manual Integrations
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MMDadoda
5/1/2019 10:05:02 AM



#44

Trichloroethene

Concen: 19.074 ug/l

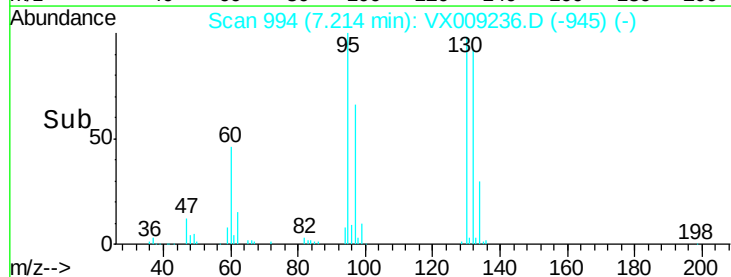
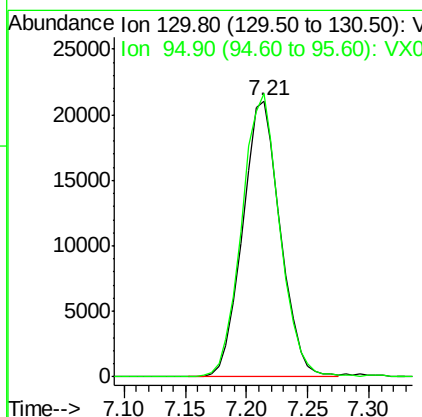
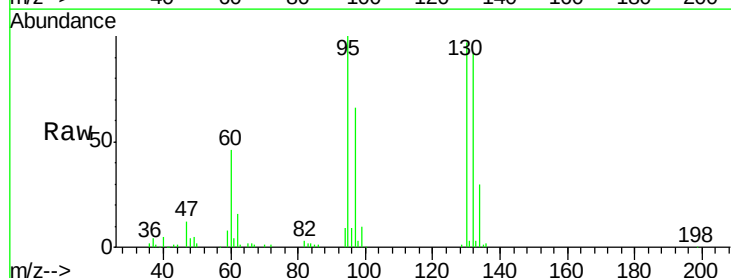
RT: 7.21 min Scan# 994

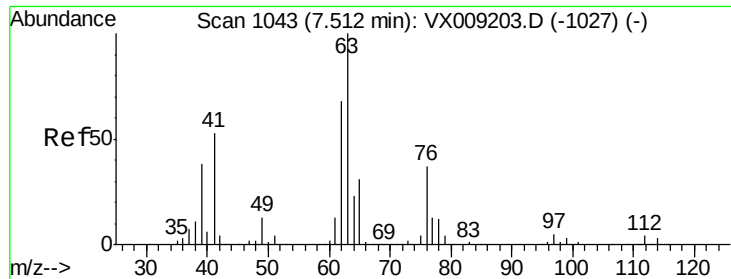
Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tgt Ion:	130	Resp:	45196
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	199.2





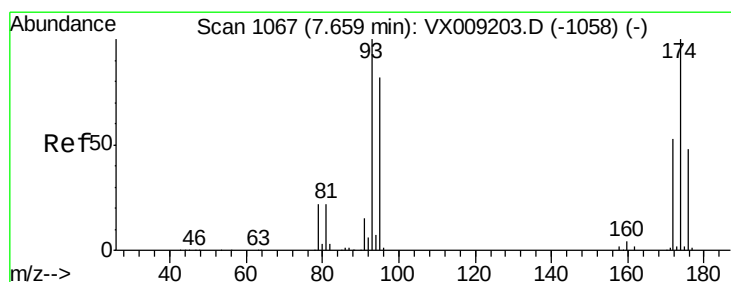
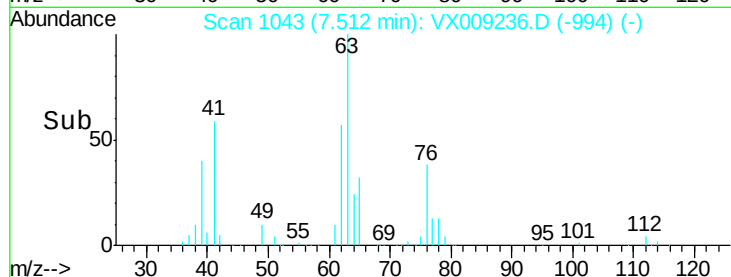
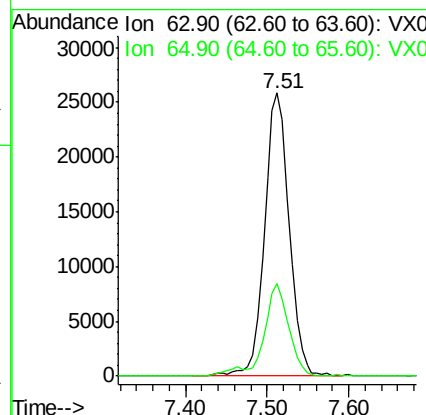
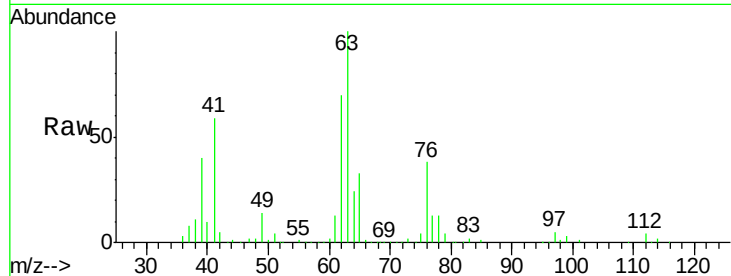
#45
 1,2-Dichloropropane
 Concen: 19.662 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBS01

Tot Ion: 63 Resp: 54568
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.0 37.6

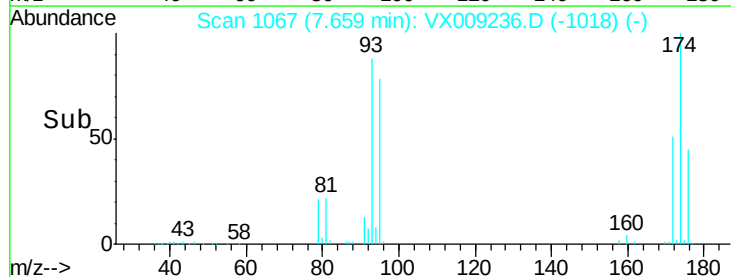
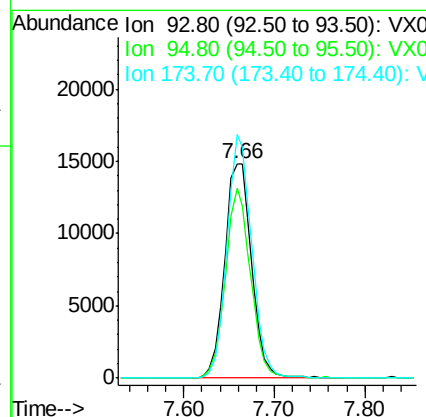
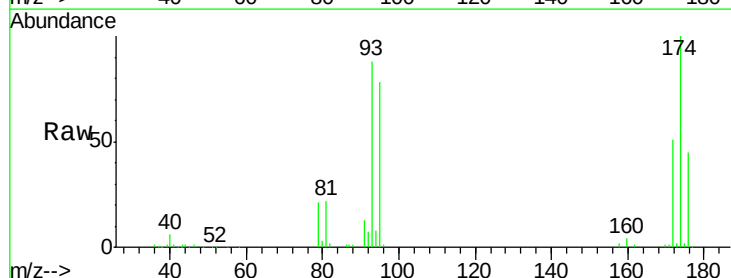
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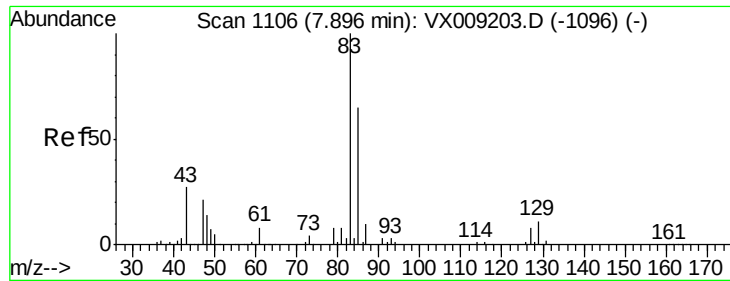
MMDadoda
 5/1/2019 10:05:02 AM



#46
 Dibromomethane
 Concen: 19.048 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion: 93 Resp: 30699
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 104.5 82.1 123.1





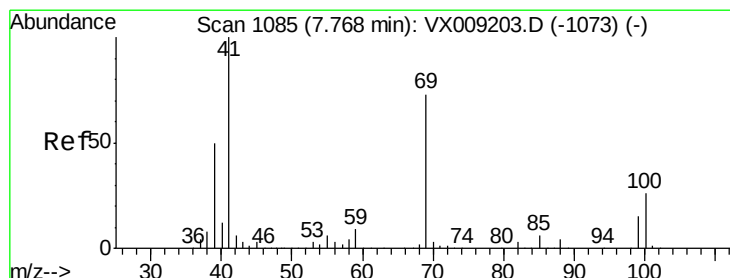
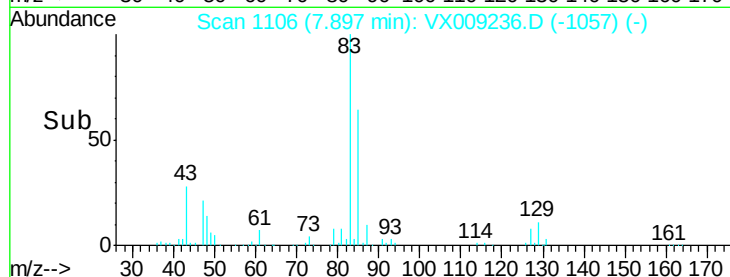
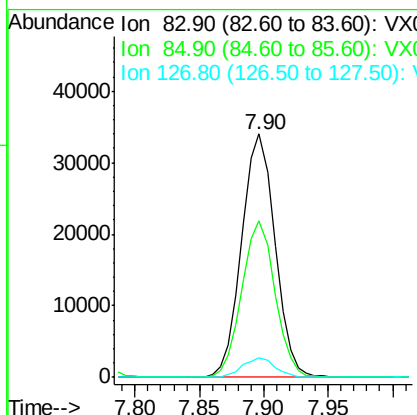
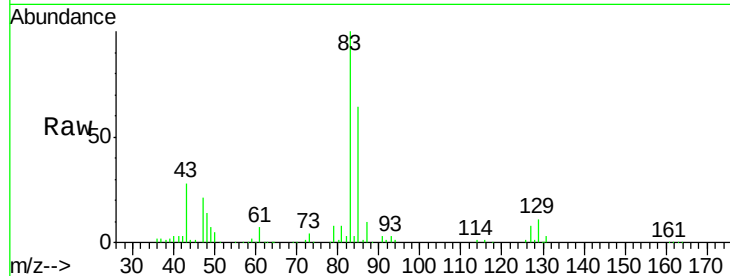
#47
 Bromodichloromethane
 Concen: 18.950 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBS01

Tot Ion	83	Resp	60923
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	52.4	78.6
127	8.2	6.6	10.0

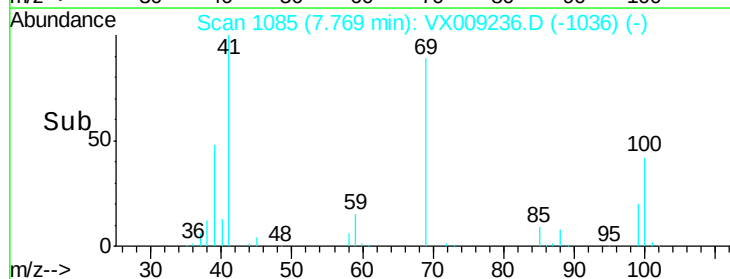
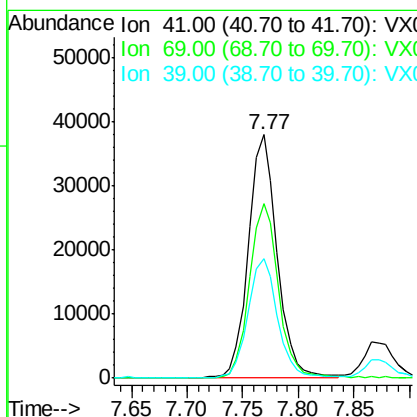
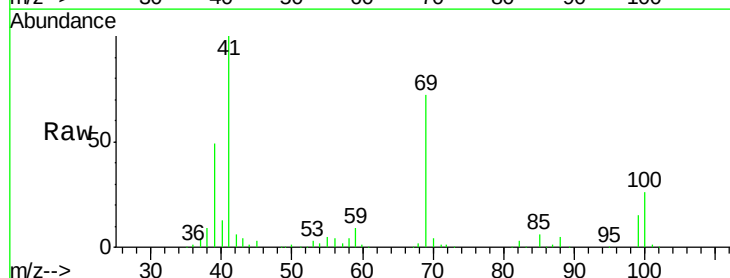
Manual Integrations
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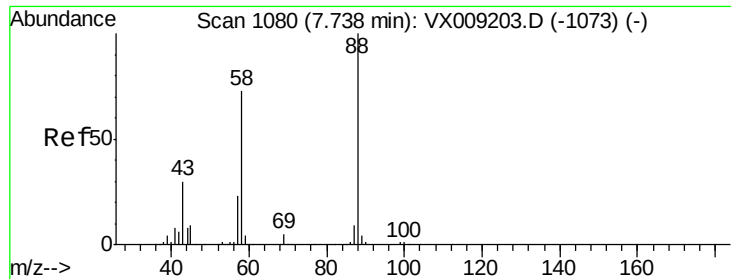
MMDadoda
 5/1/2019 10:05:02 AM



#48
 Methyl methacrylate
 Concen: 19.417 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	41	Resp	67993
Ion Ratio	100	Lower	Upper
41	100		
69	73.5	59.1	88.7
39	50.7	40.4	60.6





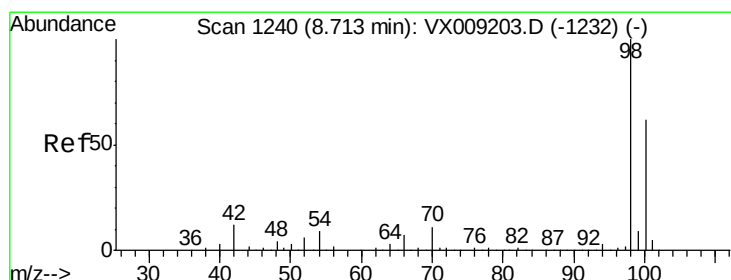
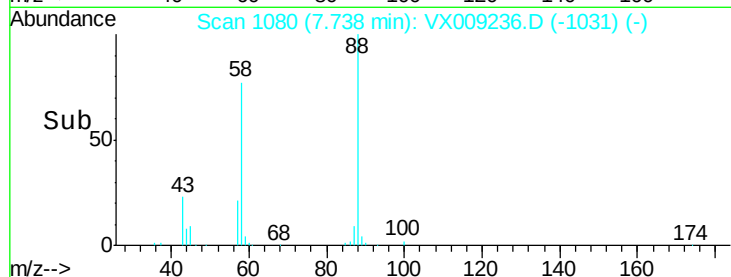
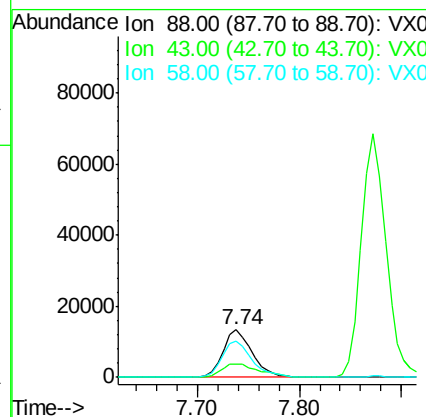
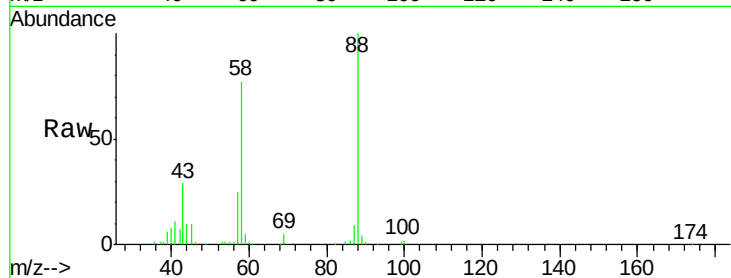
#49
1,4-Dioxane
Concen: 377.147 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	28.6	42.8
58	78.9	61.7	92.5

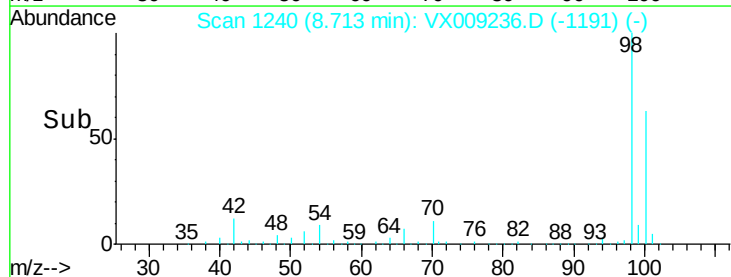
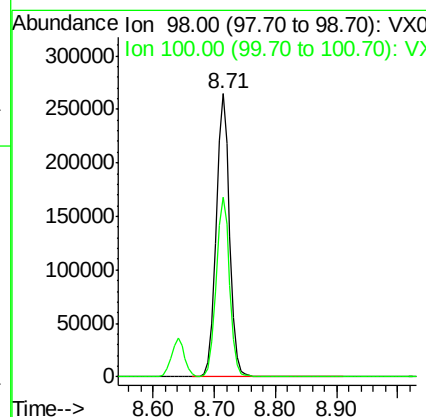
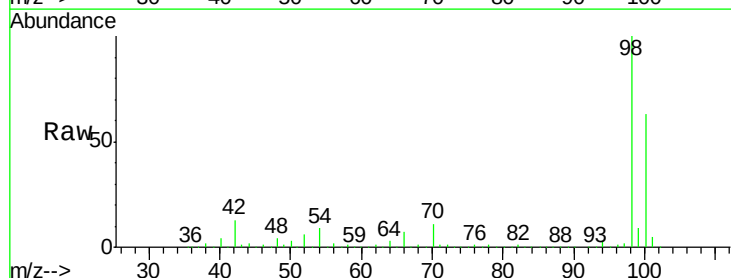
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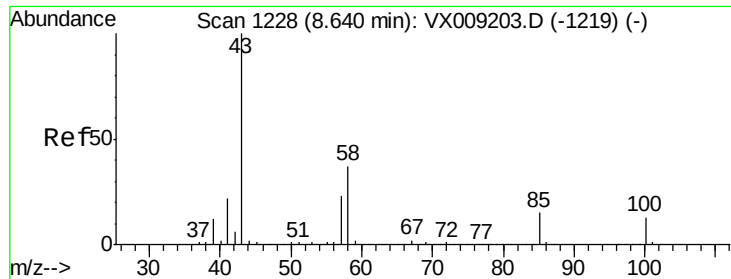
MMDadoda
5/1/2019 10:05:02 AM



#50
Toluene-d8
Concen: 47.165 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 96.231 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion: 43 Resp: 443950

Ion Ratio Lower Upper

43 100

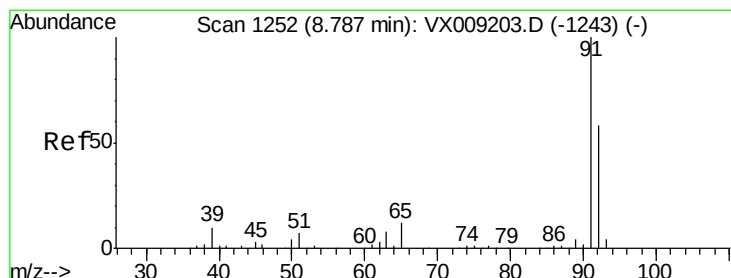
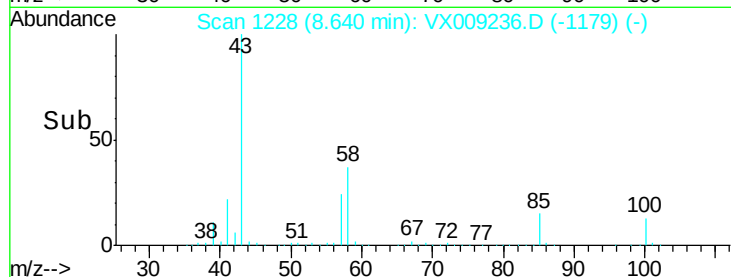
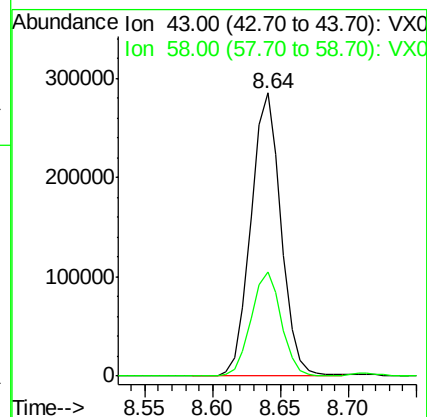
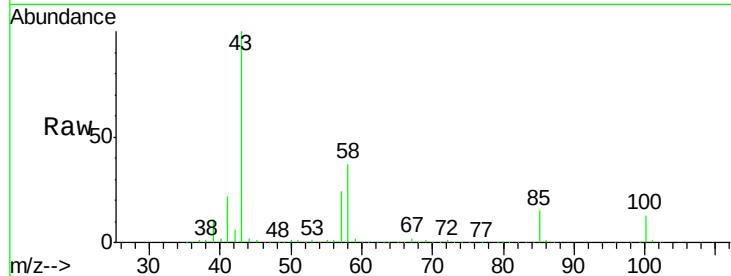
58 37.0 29.5 44.3

Manual Integrations

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MMDadoda

5/1/2019 10:05:02 AM



#52

Toluene

Concen: 19.718 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009236.D

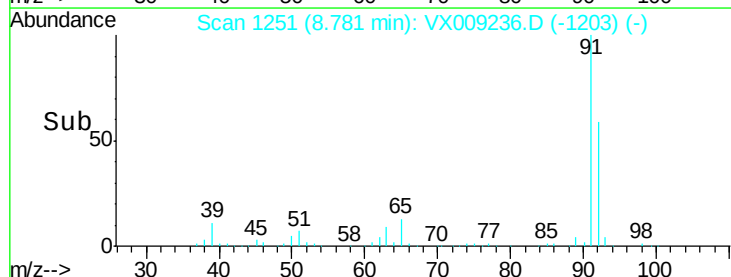
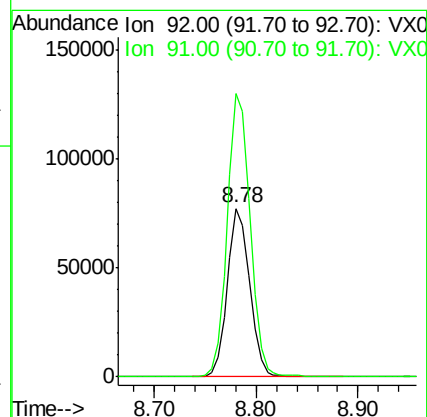
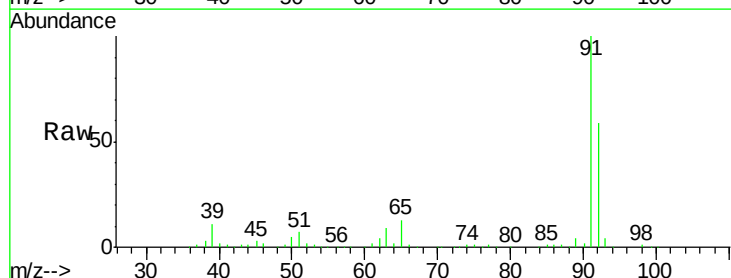
Acq: 30 Apr 2019 11:24

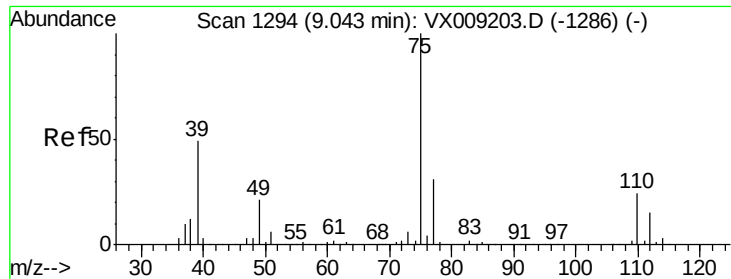
Tgt Ion: 92 Resp: 117480

Ion Ratio Lower Upper

92 100

91 172.2 138.8 208.2





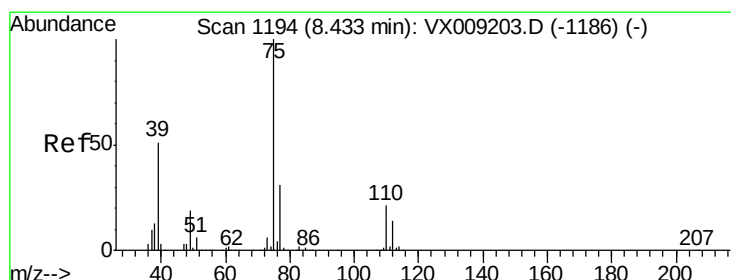
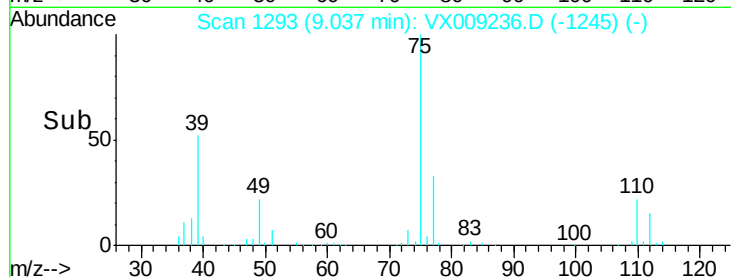
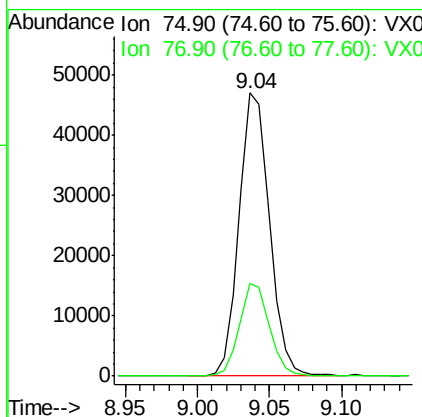
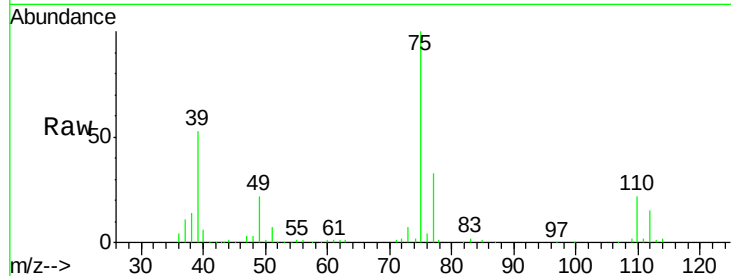
#53
t-1,3-Dichloropropene
Concen: 19.072 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0430WBS01

Tot Ion: 75 Resp: 69224
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.6

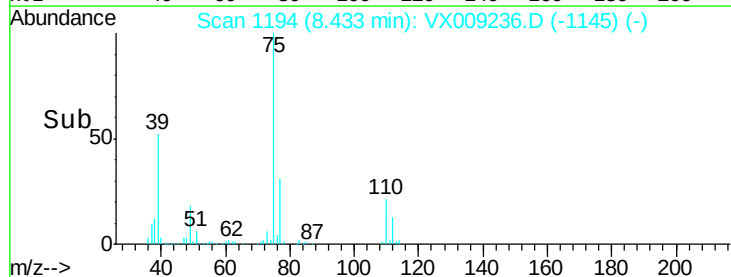
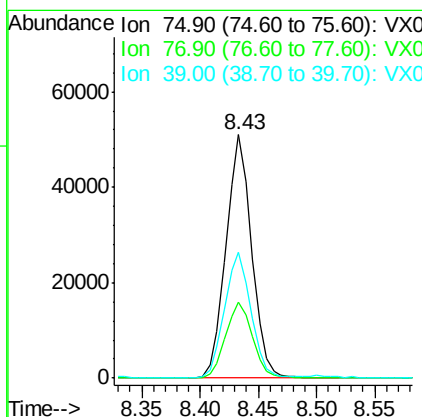
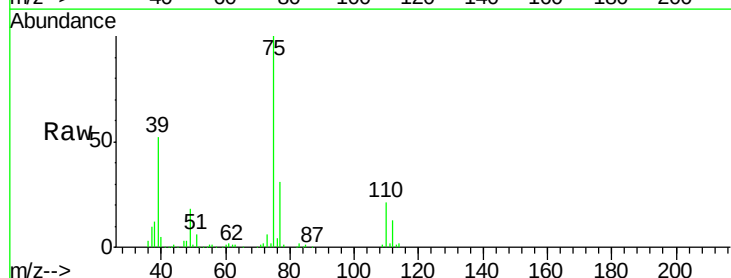
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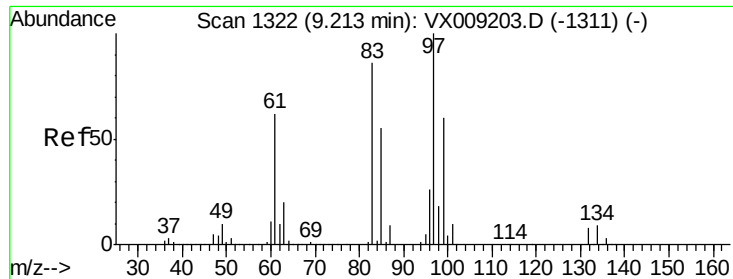
MMDadoda
5/1/2019 10:05:02 AM



#54
cis-1,3-Dichloropropene
Concen: 19.494 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion: 75 Resp: 78316
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 51.6 40.6 60.8





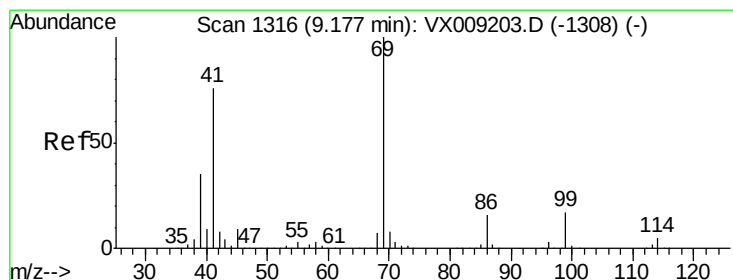
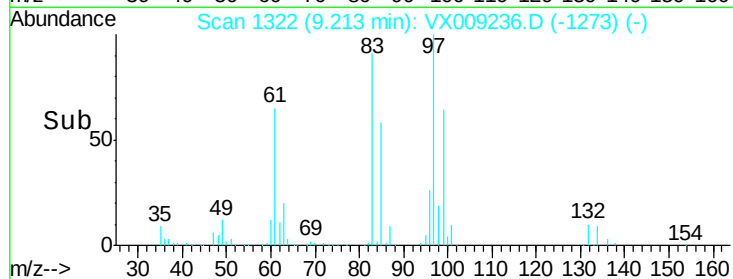
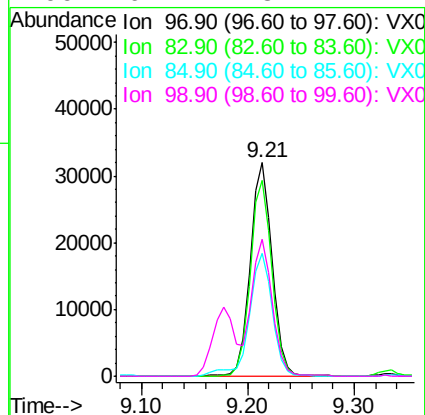
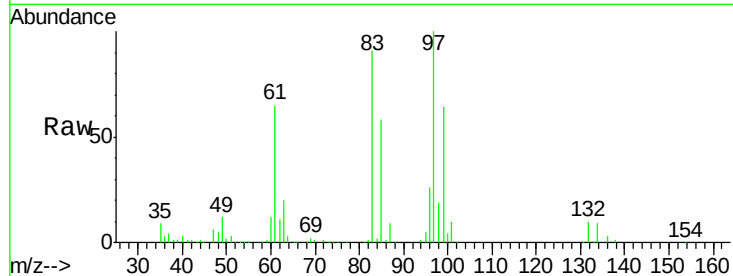
#55
 1,1,2-Trichloroethane
 Concen: 18.964 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBS01

Tot Ion:	97	Resp:	46096
Ion	Ratio	Lower	Upper
97	100		
83	91.4	68.9	103.3
85	57.7	43.8	65.6
99	64.1	48.2	72.2

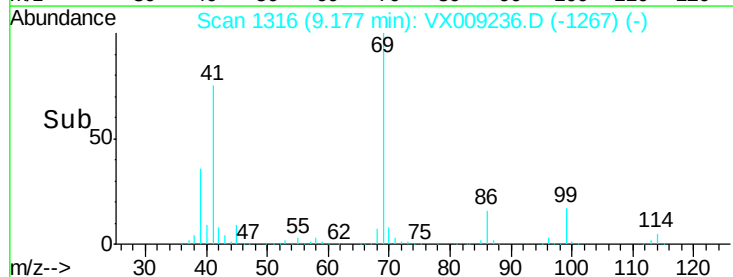
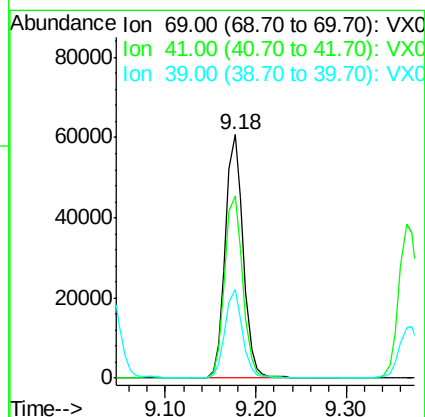
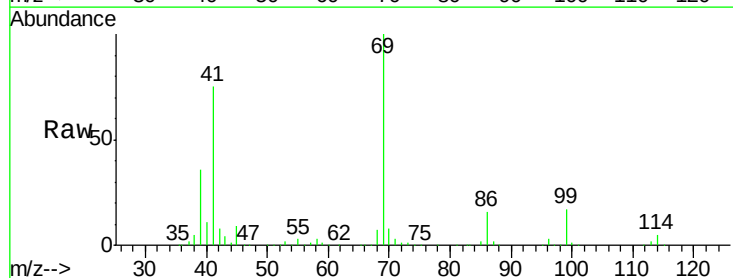
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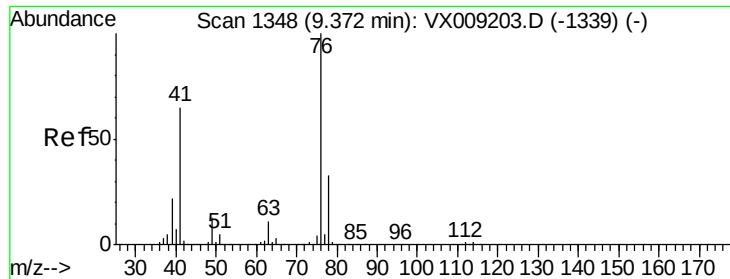
MMDadoda
 5/1/2019 10:05:02 AM



#56
 Ethyl methacrylate
 Concen: 19.381 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion:	69	Resp:	84091
Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.6	90.8
39	35.2	28.2	42.4





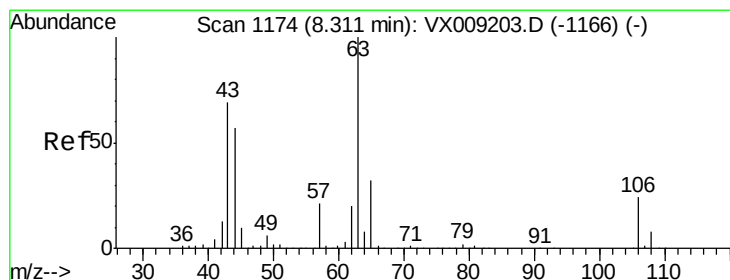
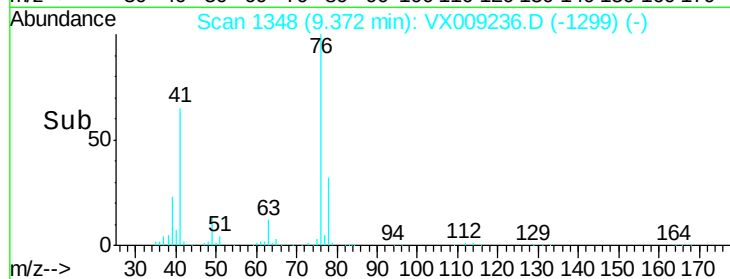
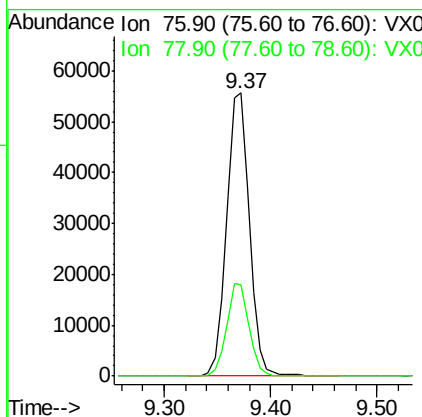
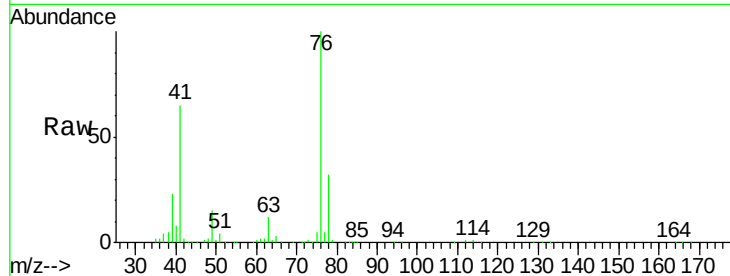
#57
 1,3-Dichloropropane
 Concen: 19.524 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

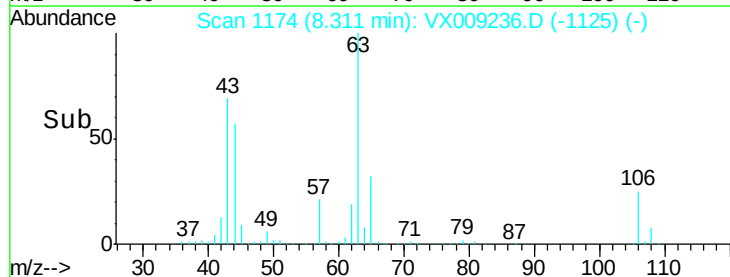
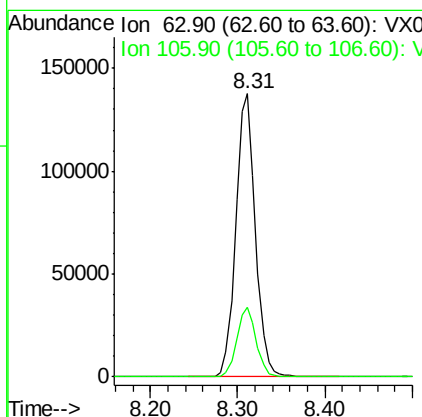
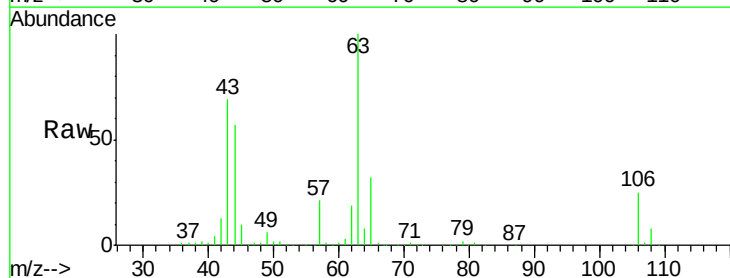
Manual Integrations
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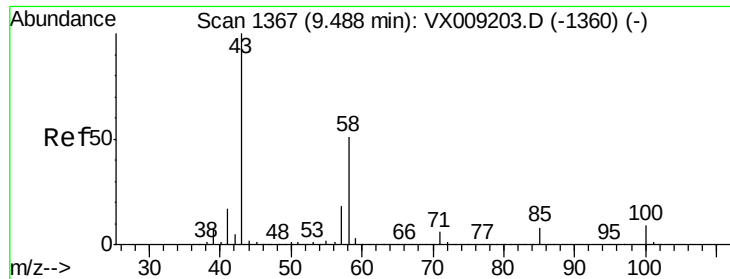
MMDadoda
 5/1/2019 10:05:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.415 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.5	19.7	29.5





#59

2-Hexanone

Concen: 95.845 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 43 Resp: 347273

Ion Ratio Lower Upper

43 100

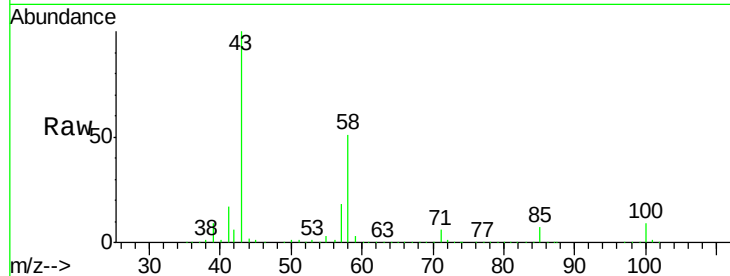
58 51.6 25.9 77.7

Manual Integrations

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MMDadoda

5/1/2019 10:05:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

250000

200000

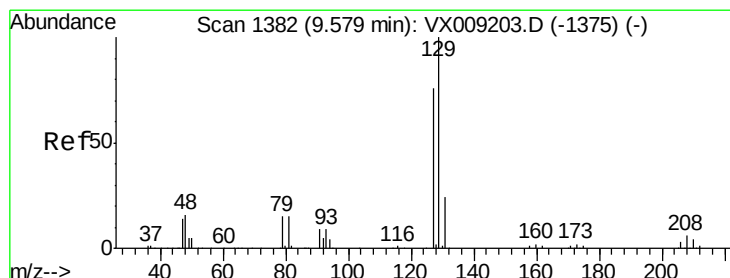
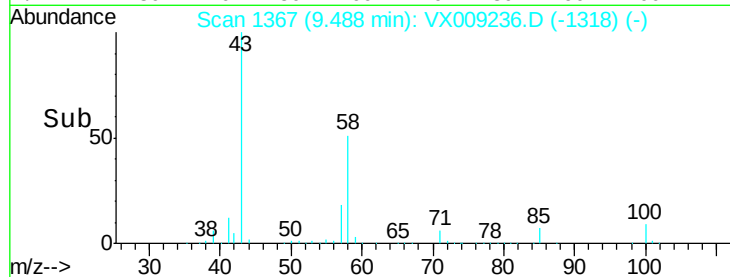
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 19.183 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009236.D

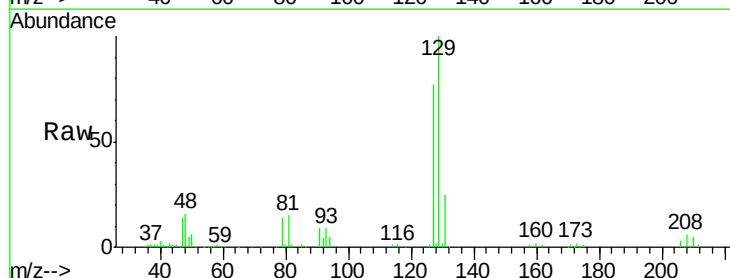
Acq: 30 Apr 2019 11:24

Tgt Ion: 129 Resp: 45541

Ion Ratio Lower Upper

129 100

127 77.1 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

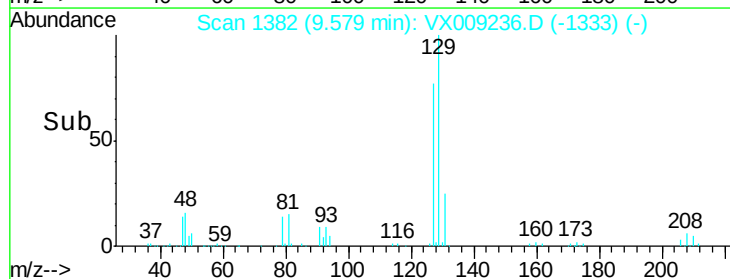
30000

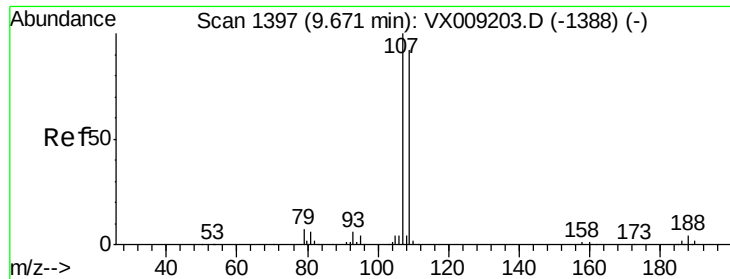
20000

10000

0

Time-->





#61

1,2-Dibromoethane

Concen: 19.461 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion:107 Resp: 47749

Ion Ratio Lower Upper

107 100

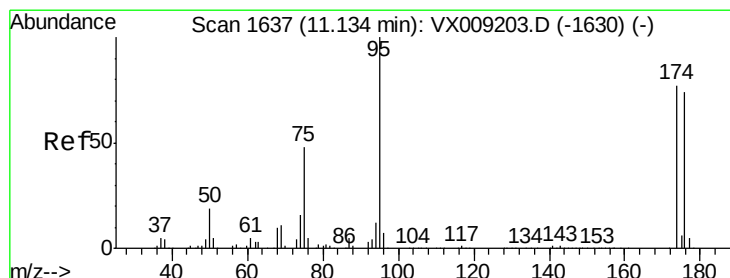
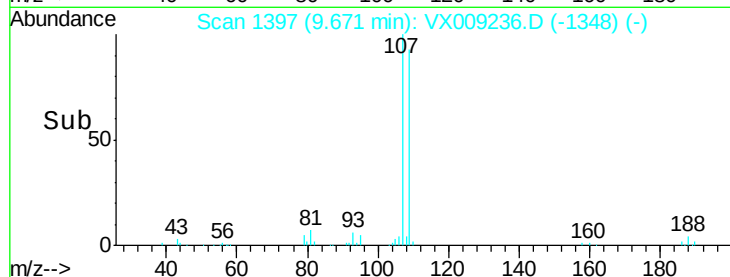
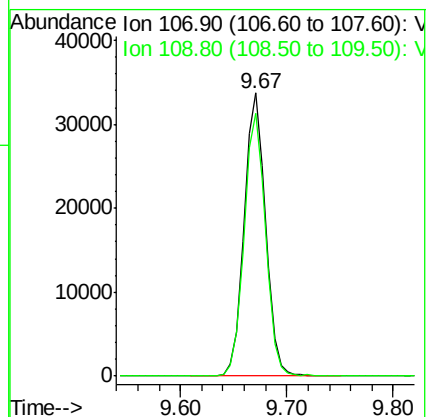
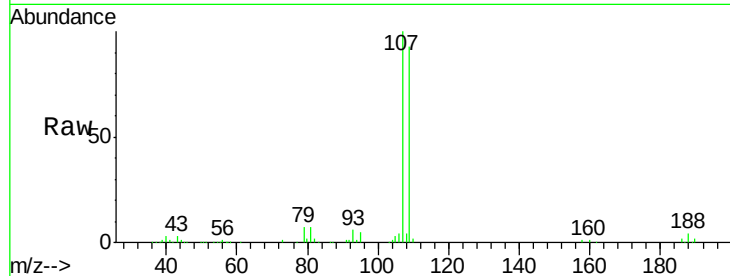
109 93.2 75.2 112.8

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#62

4-Bromofluorobenzene

Concen: 46.475 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

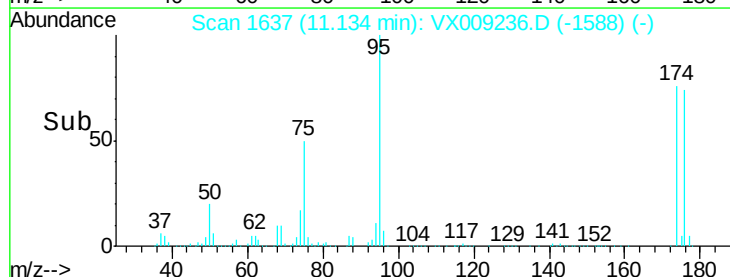
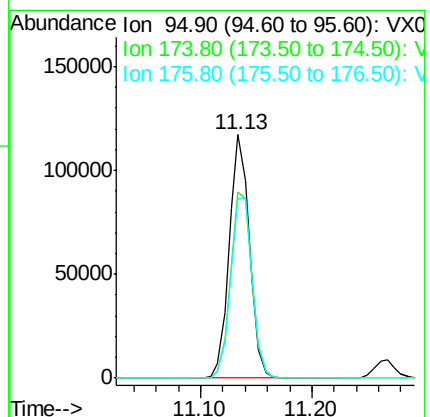
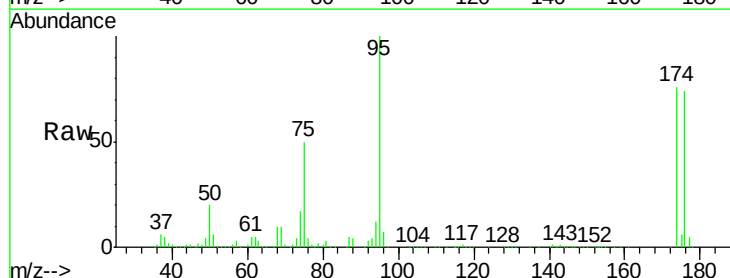
Tgt Ion: 95 Resp: 146060

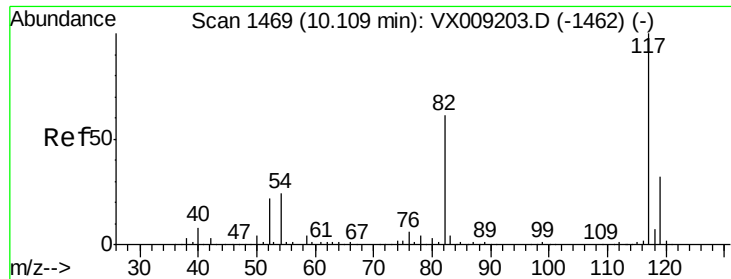
Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

176 79.4 0.0 159.2





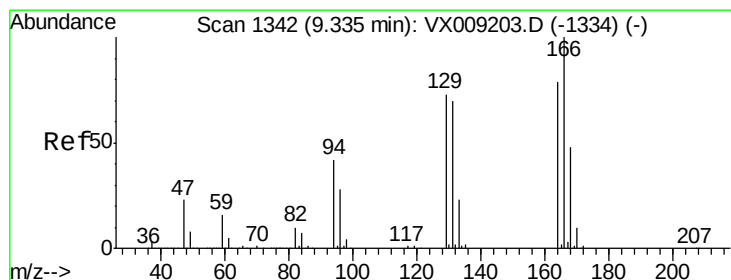
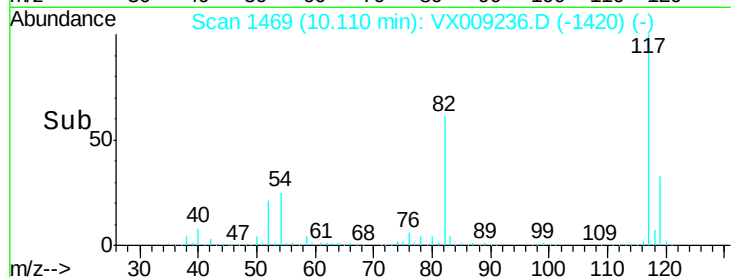
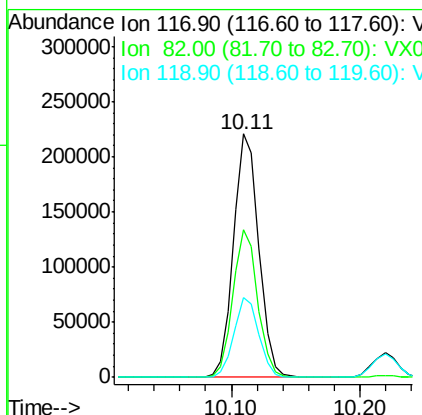
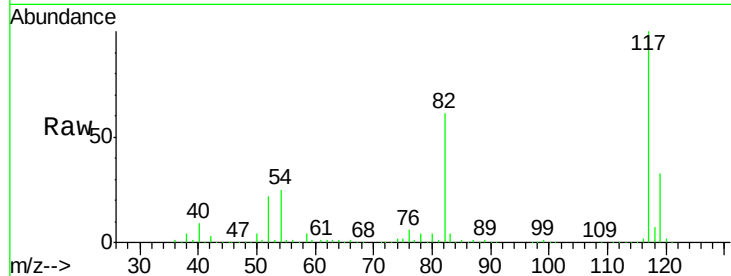
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.8	73.2
119	32.8	25.8	38.6

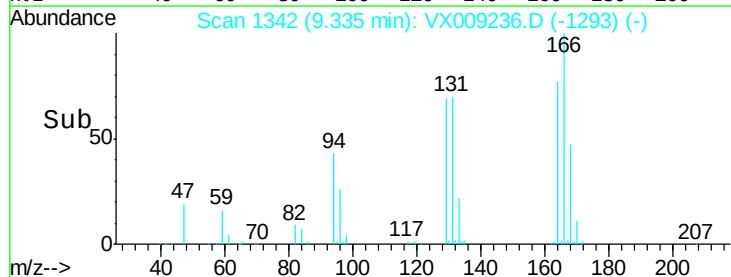
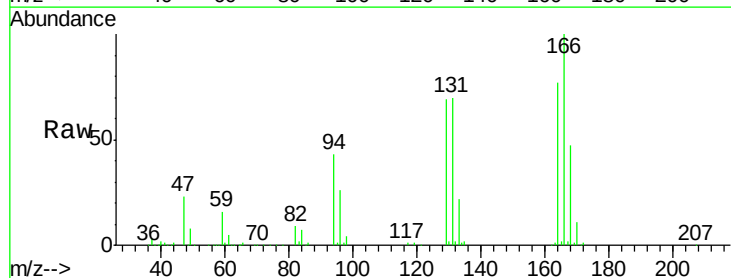
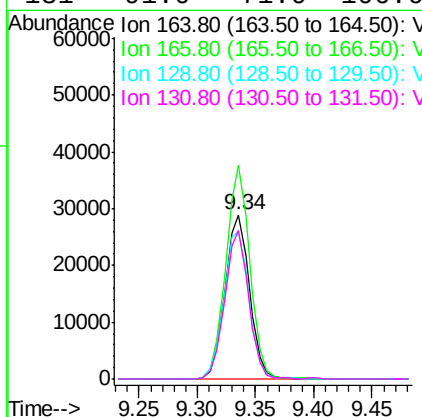
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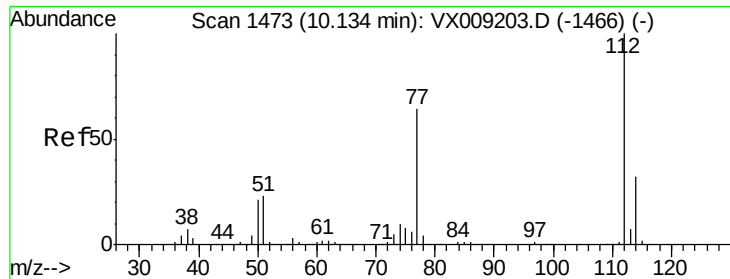
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#64
Tetrachloroethene
Concen: 20.380 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	101.2	151.8
129	89.8	74.3	111.5
131	91.0	71.0	106.6





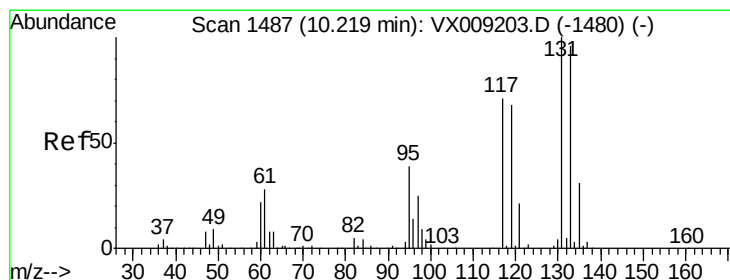
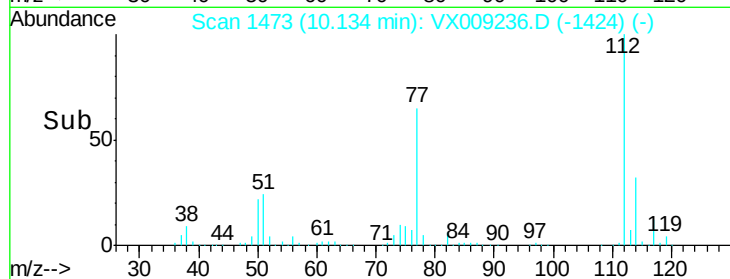
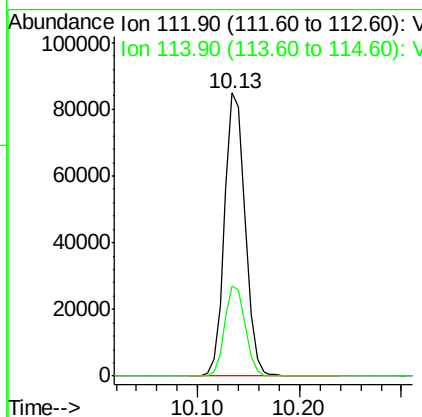
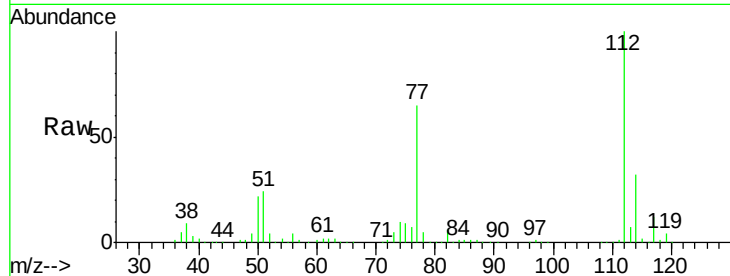
#65
Chlorobenzene
Concen: 19.677 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion:112 Resp: 118886
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

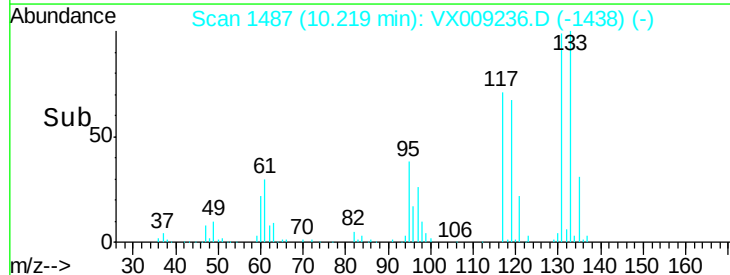
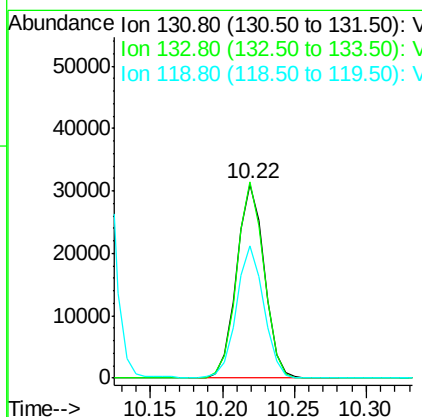
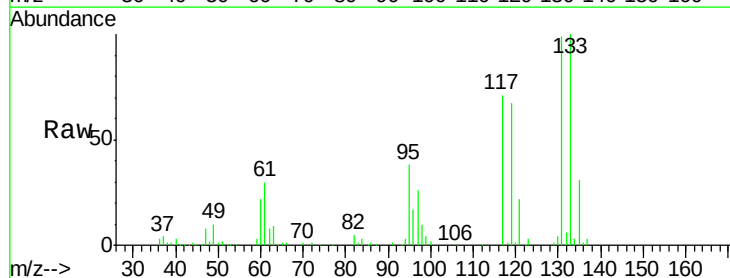
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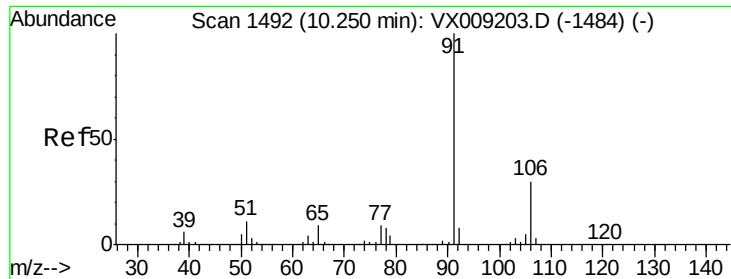
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.106 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion:131 Resp: 41849
Ion Ratio Lower Upper
131 100
133 98.9 47.7 143.1
119 67.2 33.5 100.4





#67

Ethyl Benzene

Concen: 20.063 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 91 Resp: 223086

Ion Ratio Lower Upper

91 100

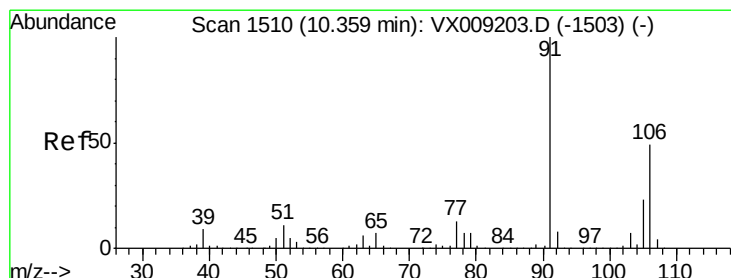
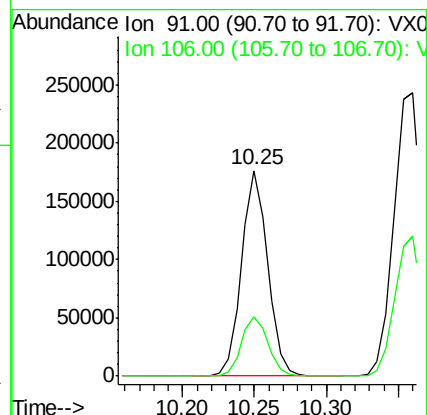
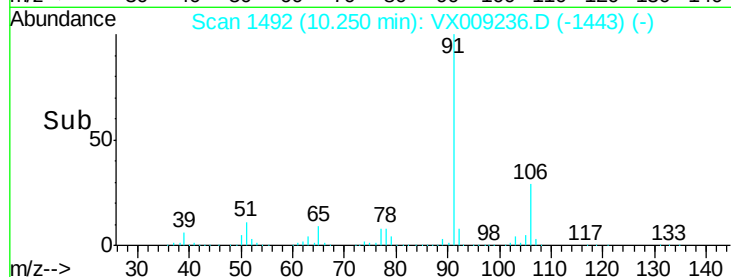
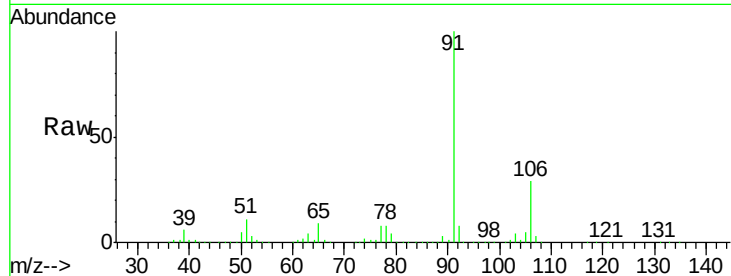
106 29.1 24.0 36.0

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#68

m/p-Xylenes

Concen: 40.174 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009236.D

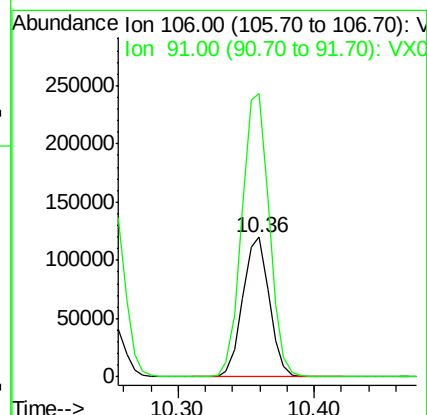
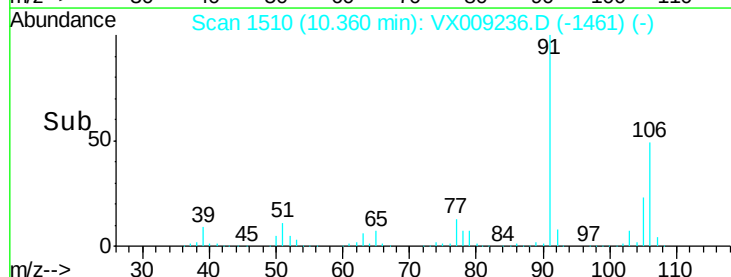
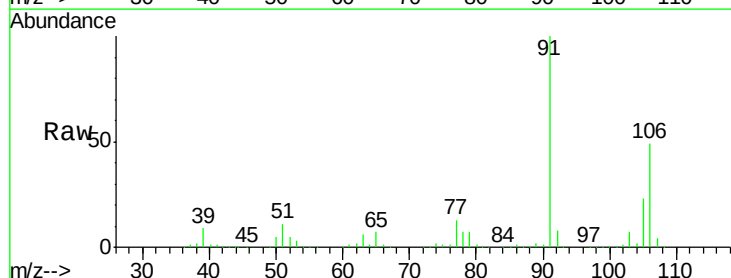
Acq: 30 Apr 2019 11:24

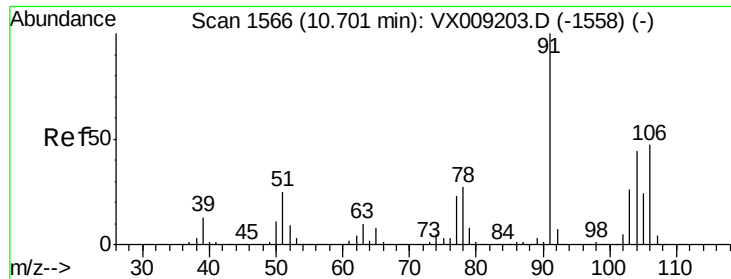
Tgt Ion: 106 Resp: 163239

Ion Ratio Lower Upper

106 100

91 208.9 164.0 246.0





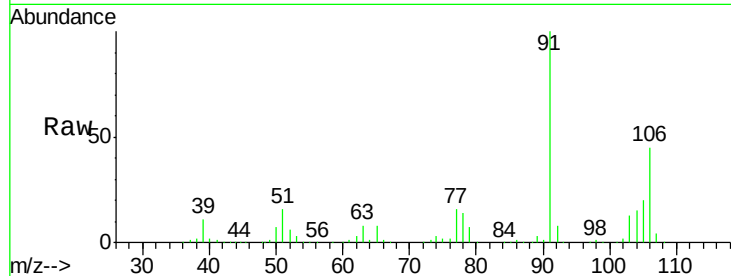
#69
o-Xylene
Concen: 19.592 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0430WBS01

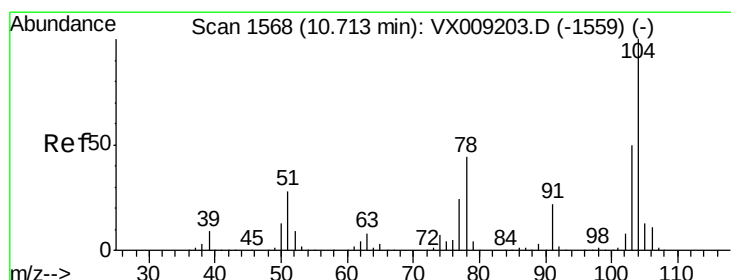
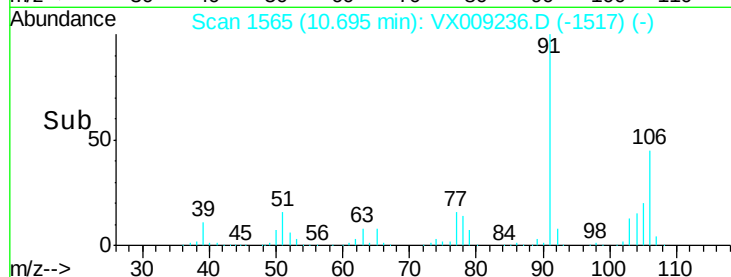
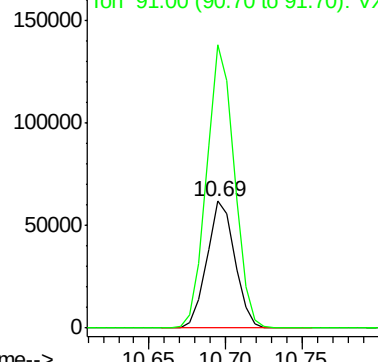
Tot Ion:106 Resp: 78544
Ion Ratio Lower Upper
106 100
91 222.2 109.5 328.4

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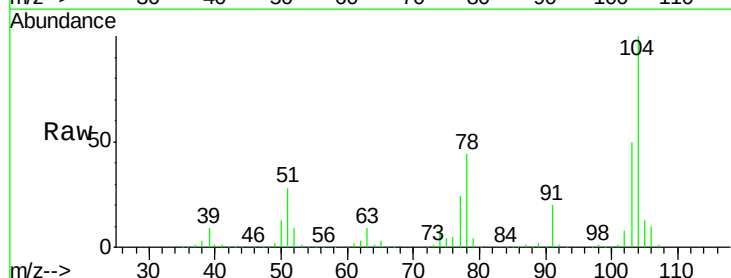


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

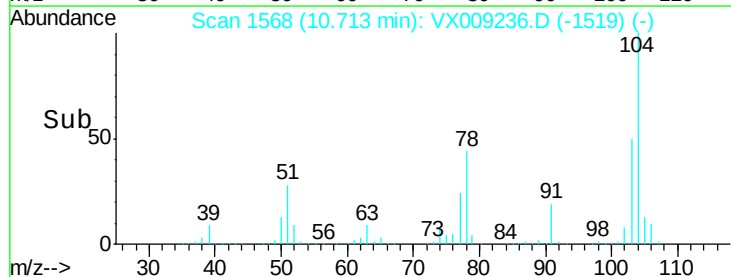
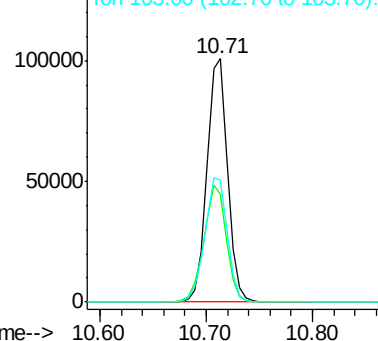


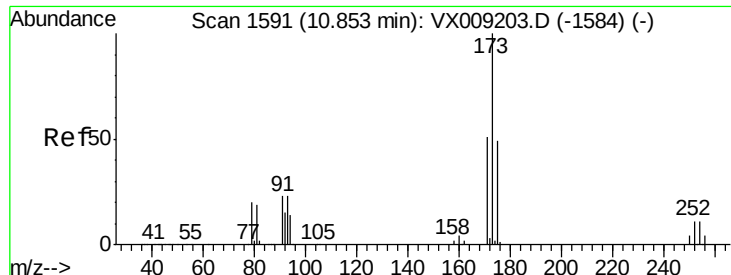
#70
Styrene
Concen: 19.780 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion:104 Resp: 137828
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.4
103 55.9 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.583 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion:173 Resp: 33079

Ion Ratio Lower Upper

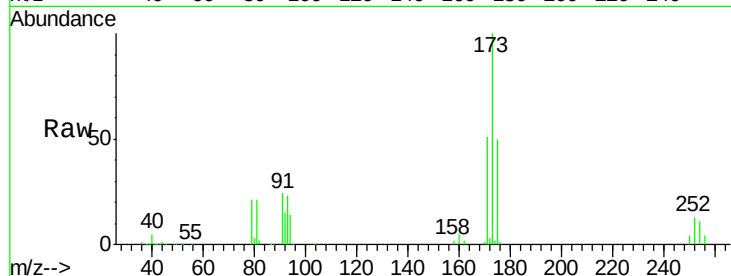
173 100

175 49.4 24.5 73.5

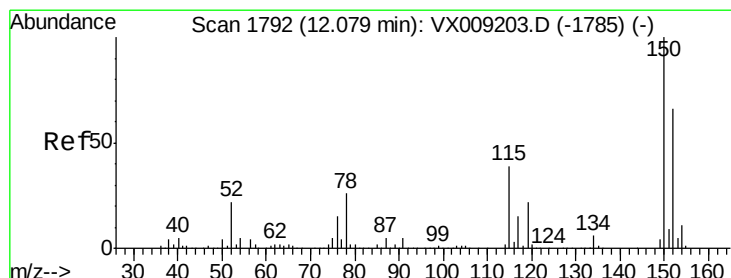
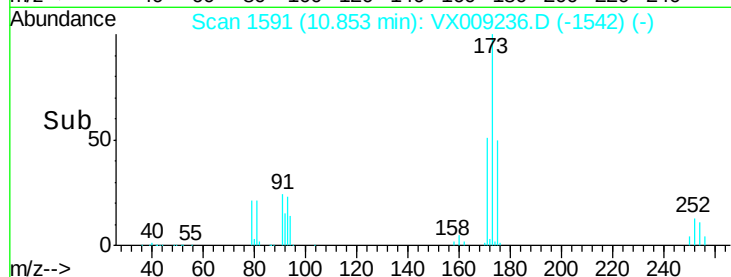
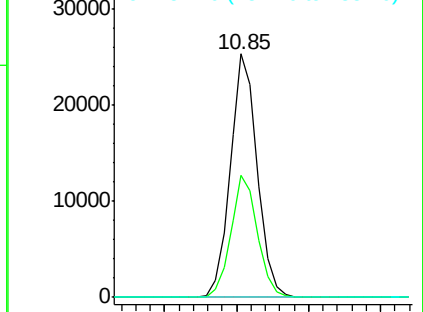
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

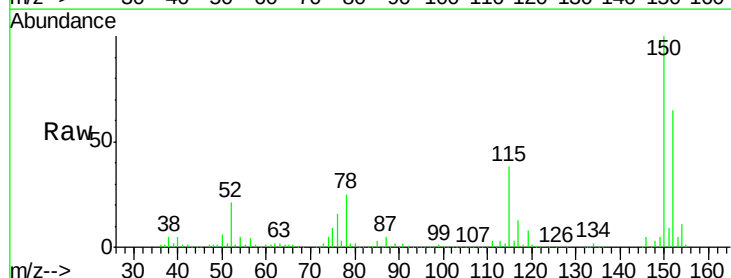
Tgt Ion:152 Resp: 147594

Ion Ratio Lower Upper

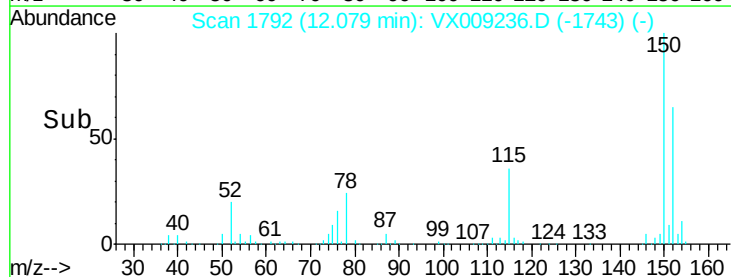
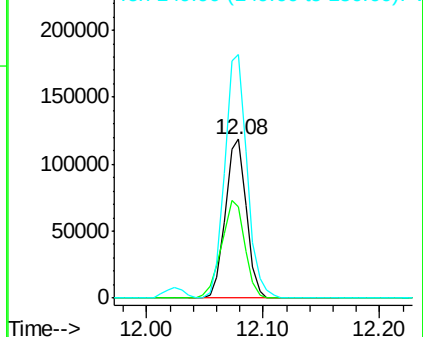
152 100

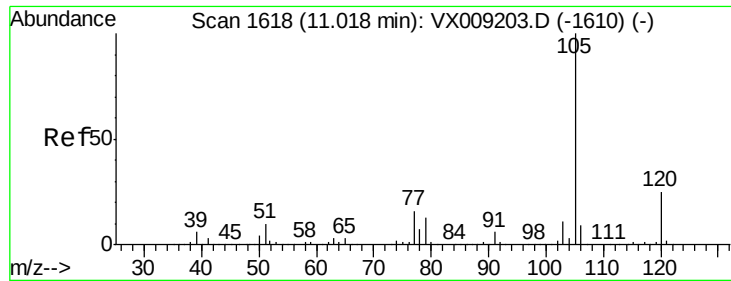
115 68.1 41.2 123.6

150 162.5 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.061 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion: 105 Resp: 215312

Ion Ratio Lower Upper

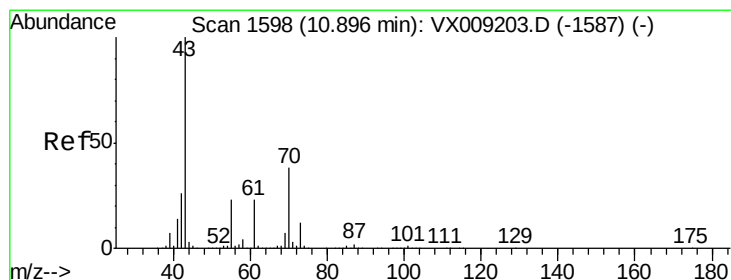
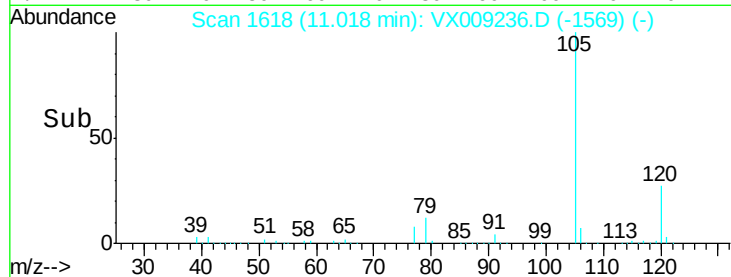
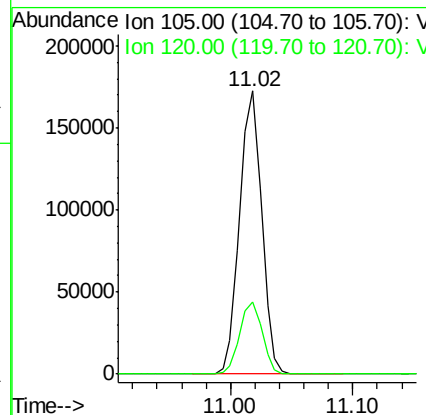
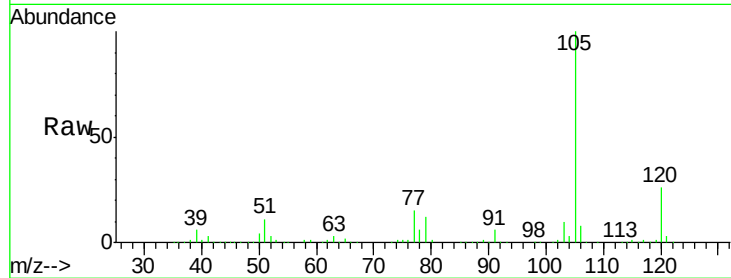
105 100

120 26.0 12.8 38.3

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#74

N-ethyl acetate

Concen: 19.096 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Tgt Ion: 43 Resp: 119488

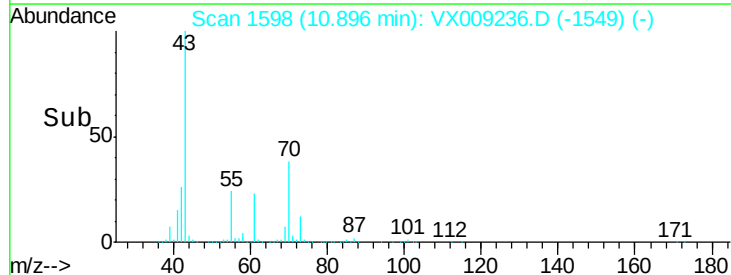
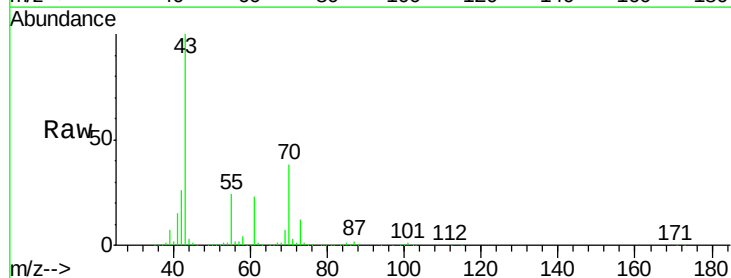
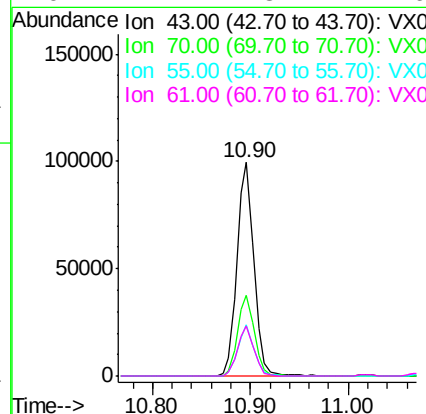
Ion Ratio Lower Upper

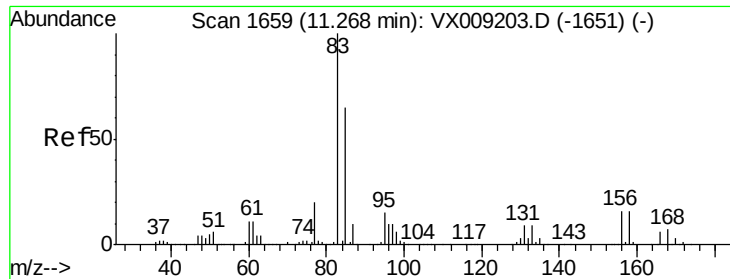
43 100

70 37.5 30.0 45.0

55 23.0 17.9 26.9

61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.970 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

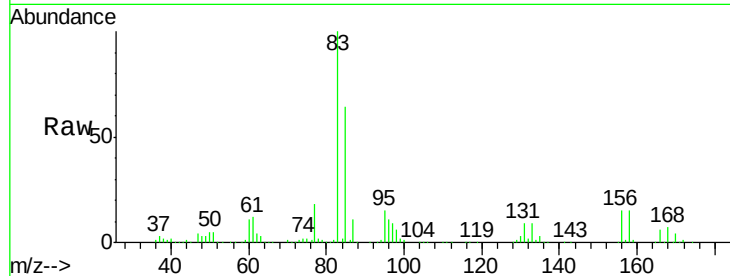
ClientSampled :

VX0430WBS01

Tot Ion:	83	Resp:	75899
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	64.5	32.0	96.2

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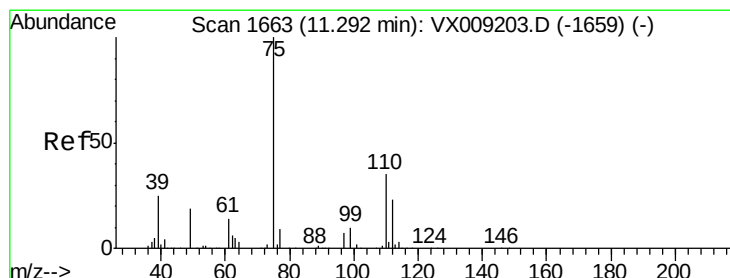
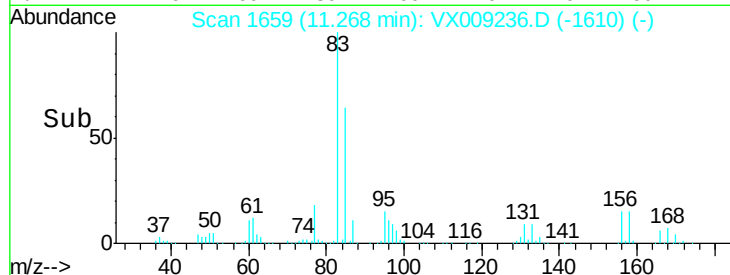
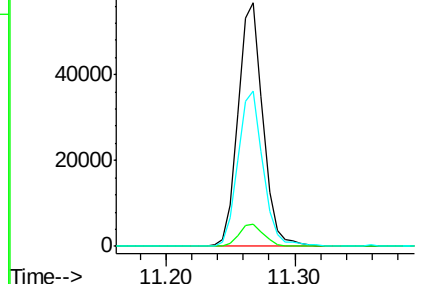
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.442 ug/l m

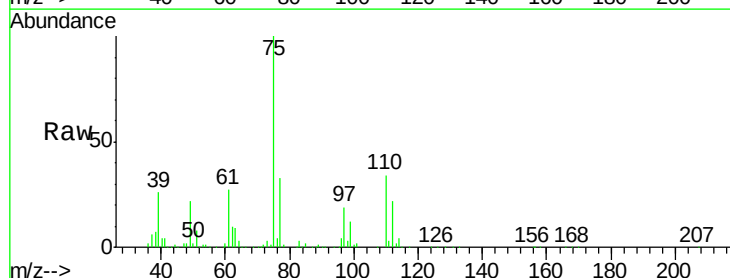
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009236.D

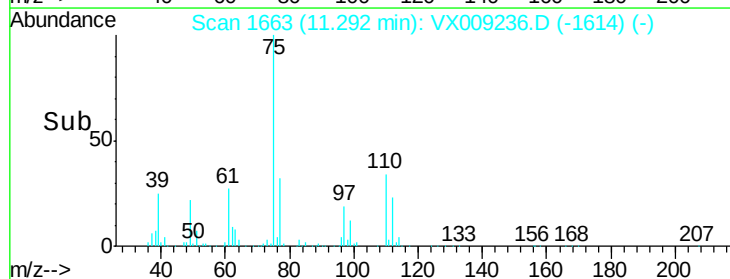
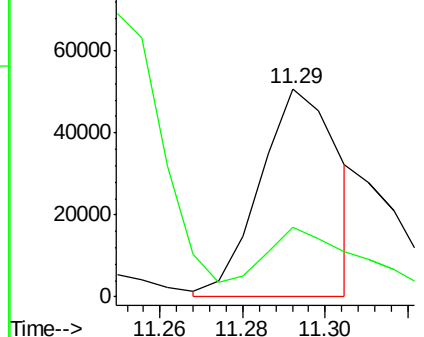
Acq: 30 Apr 2019 11:24

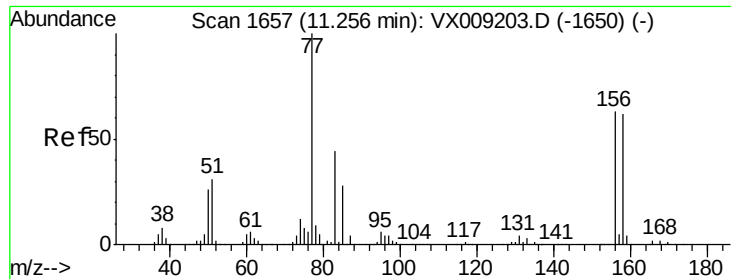
Tgt Ion:	75	Resp:	66564
Ion Ratio	Lower	Upper	
75	100		
77	42.9	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.625 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion:156 Resp: 52281

Ion Ratio Lower Upper

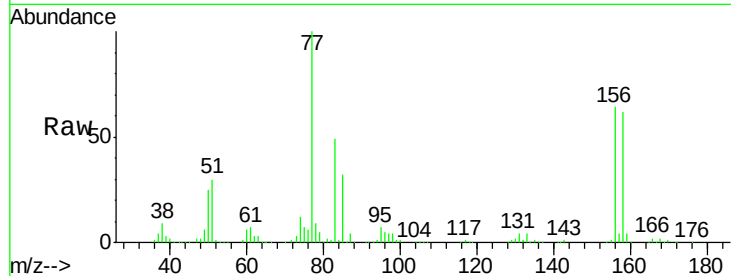
156 100

77 170.1 84.8 254.3

158 96.6 49.1 147.3

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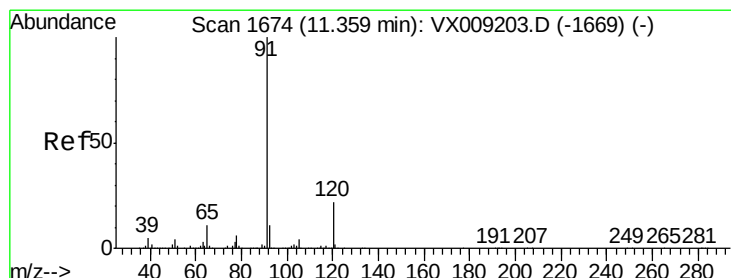
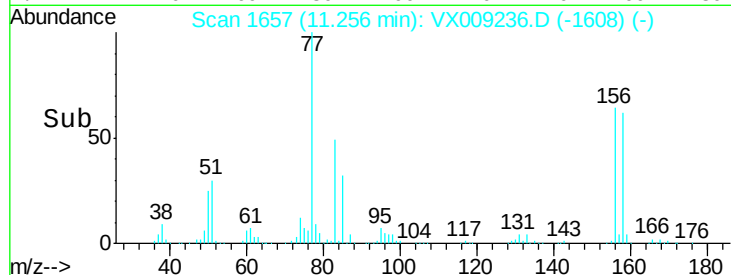
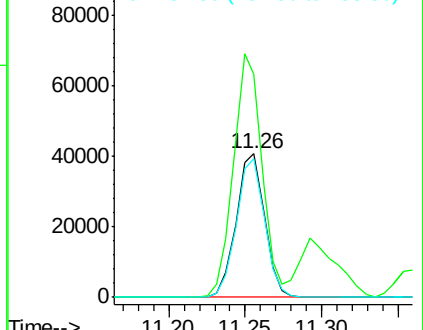
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.376 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009236.D

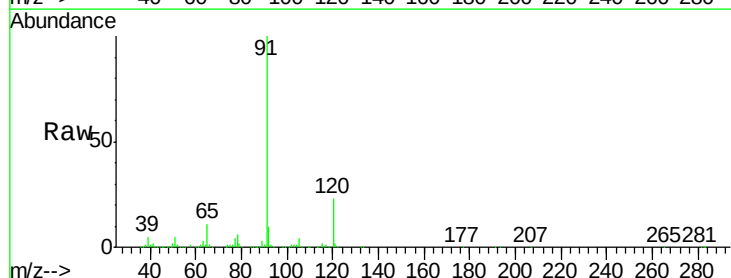
Acq: 30 Apr 2019 11:24

Tgt Ion: 91 Resp: 249756

Ion Ratio Lower Upper

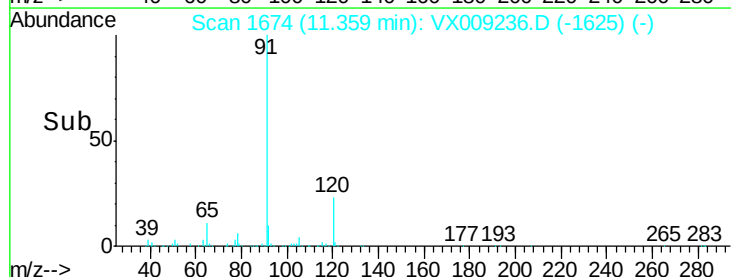
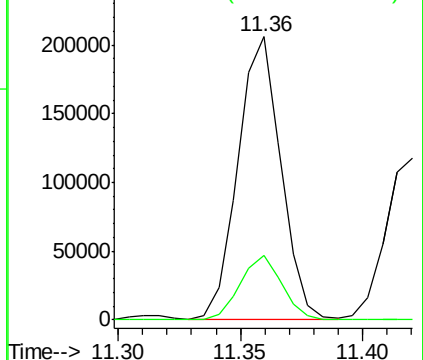
91 100

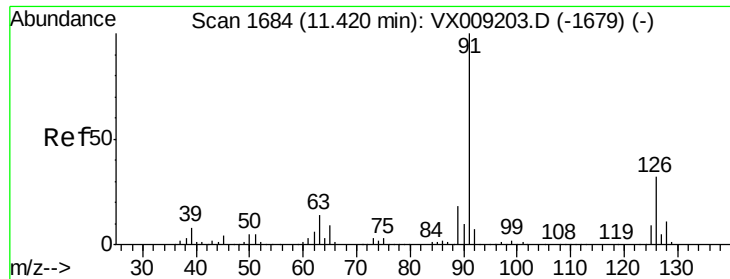
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.557 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 91 Resp: 147898

Ion Ratio Lower Upper

91 100

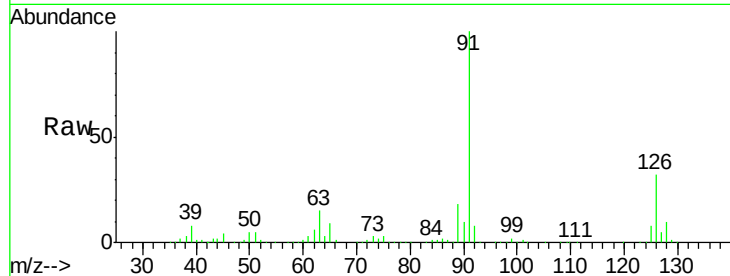
126 32.5 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VX009236.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009236.D (-1679) (-)

200000

150000

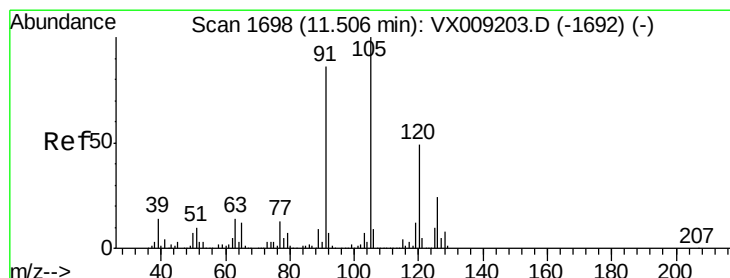
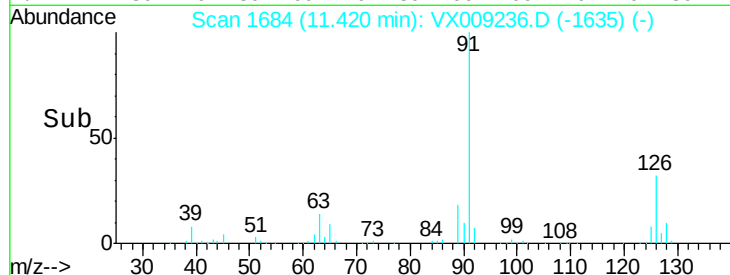
100000

50000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.095 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009236.D

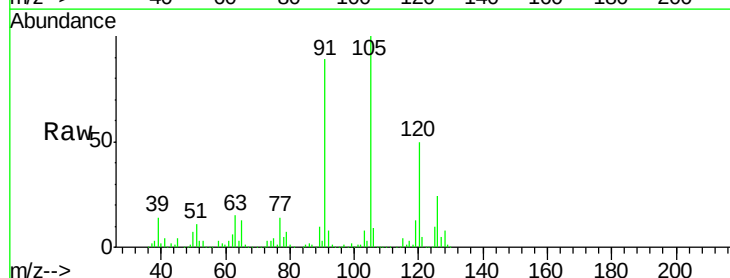
Acq: 30 Apr 2019 11:24

Tgt Ion:105 Resp: 181602

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009236.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009236.D (-1692) (-)

150000

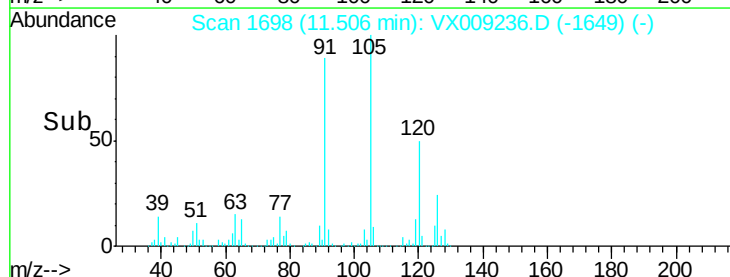
100000

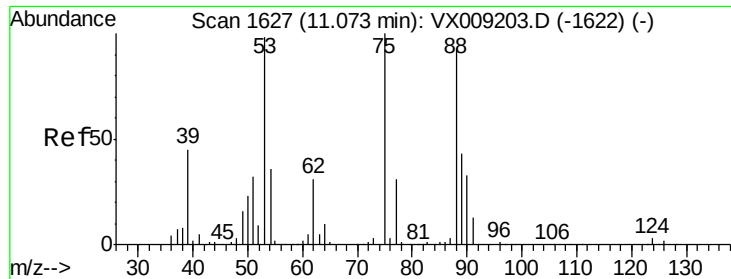
50000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.409 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0430WBS01

Tot Ion: 75 Resp: 24632

Ion Ratio Lower Upper

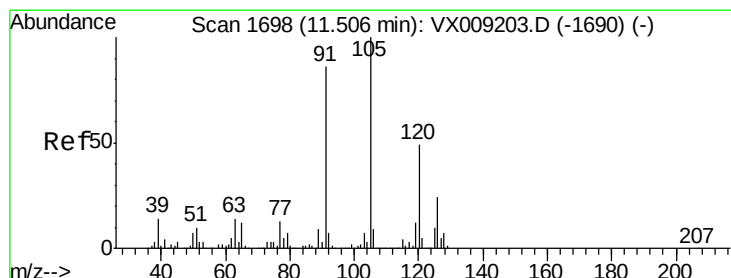
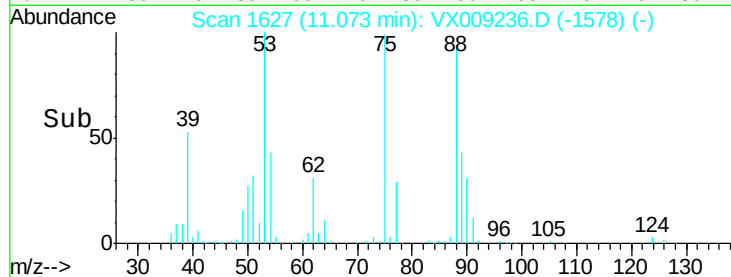
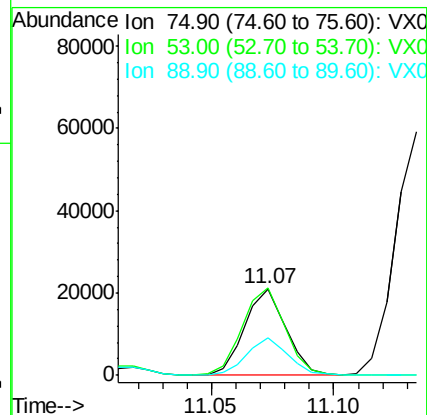
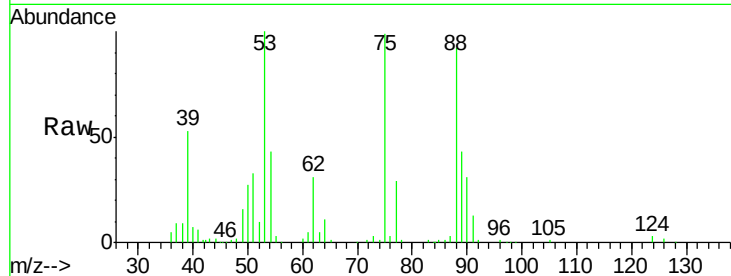
75 100

53 105.1 79.0 118.6

89 44.4 34.7 52.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.835 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009236.D

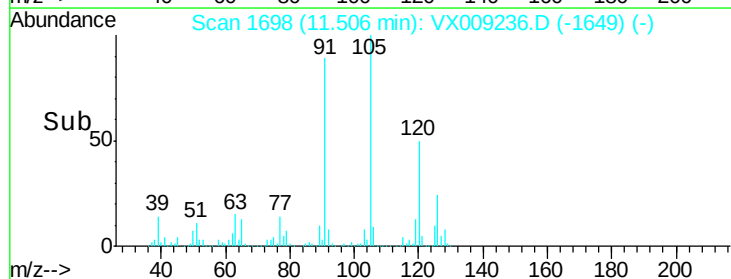
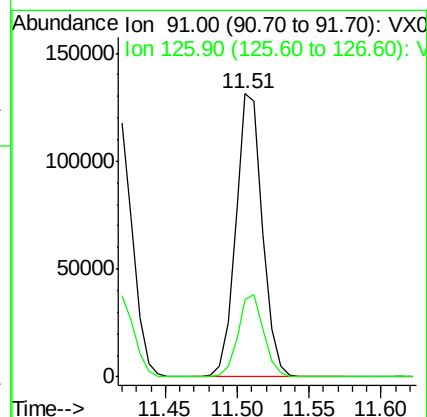
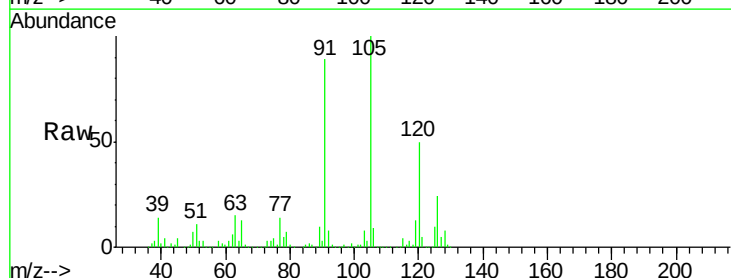
Acq: 30 Apr 2019 11:24

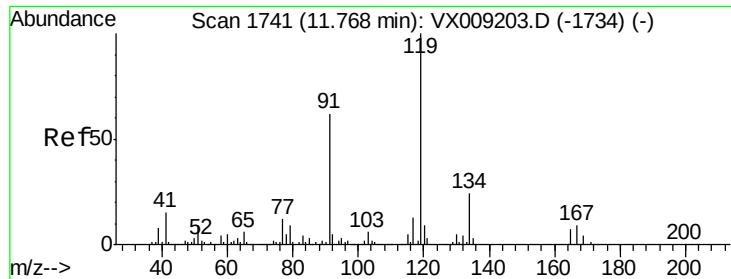
Tgt Ion: 91 Resp: 169458

Ion Ratio Lower Upper

91 100

126 28.0 14.5 43.6





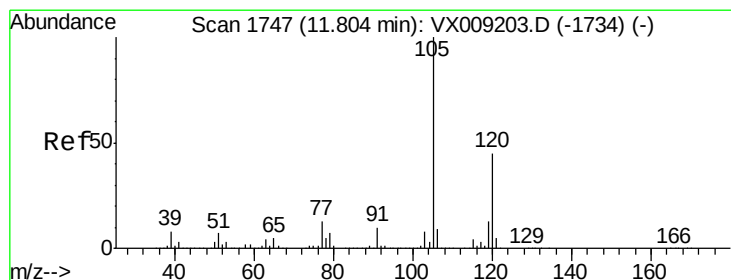
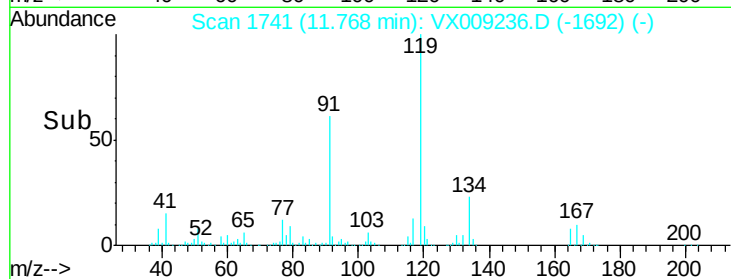
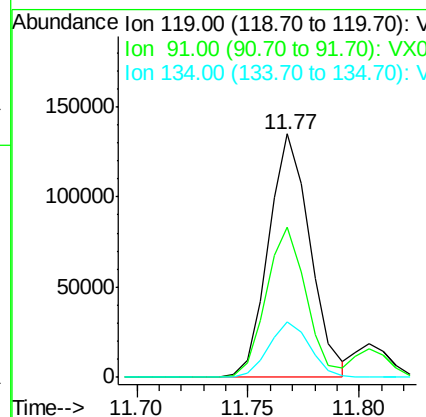
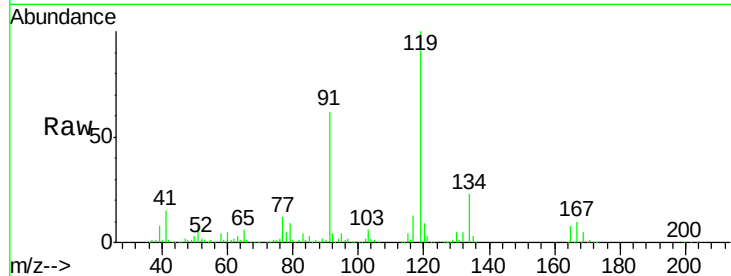
#83
 tert-Butylbenzene
 Concen: 19.837 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174390		
91	60.0	29.5	88.5	
134	22.5	11.4	34.1	

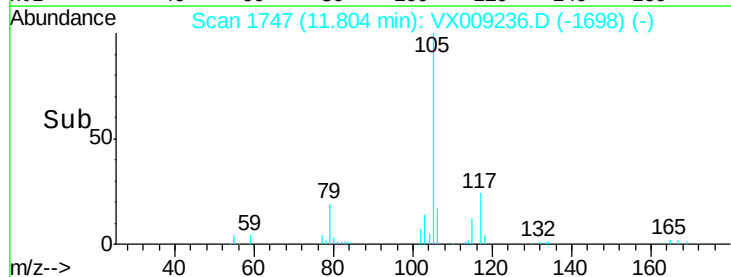
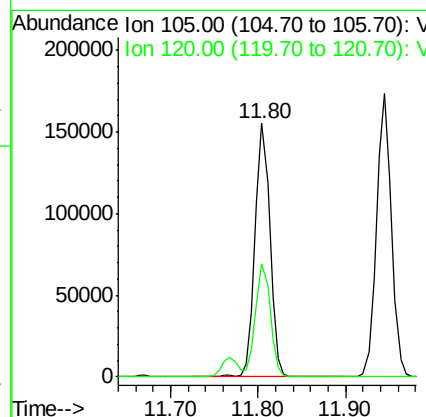
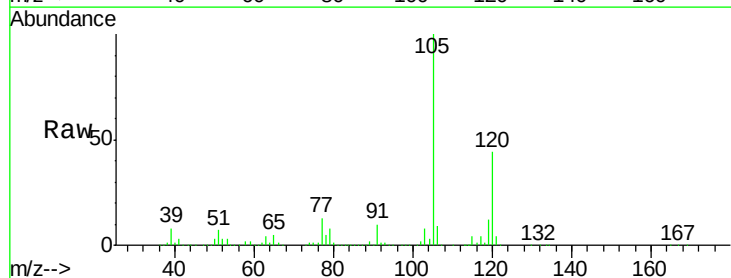
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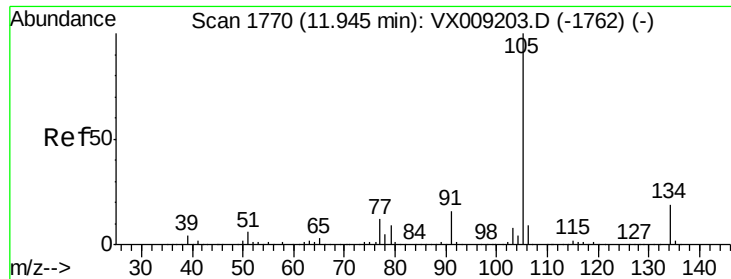
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.079 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182135		
120	44.4	22.0	66.0	





#85

sec-Butylbenzene

Concen: 20.011 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBS01

Tot Ion:105 Resp: 208567

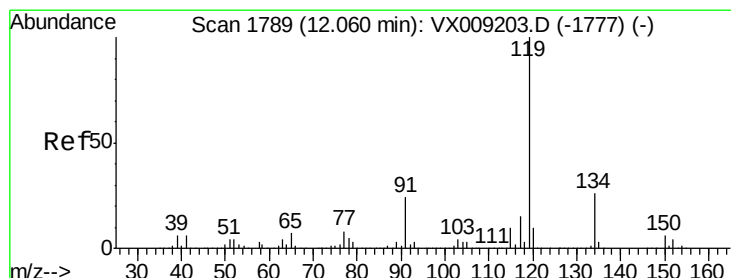
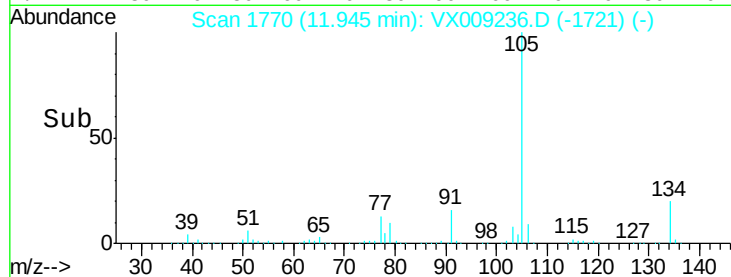
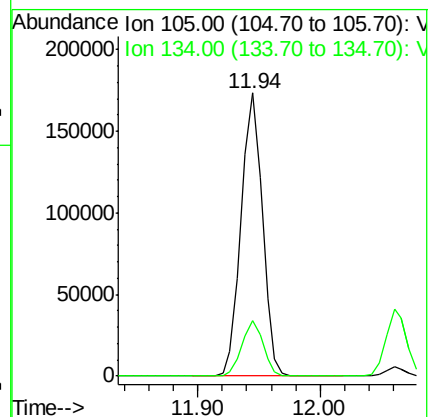
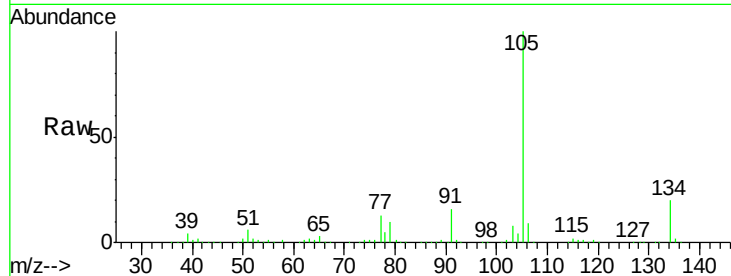
Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 20.386 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009236.D

Acq: 30 Apr 2019 11:24

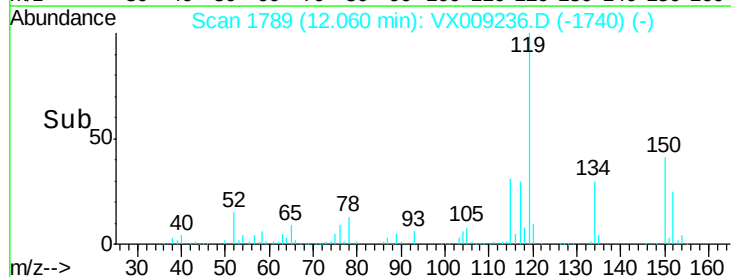
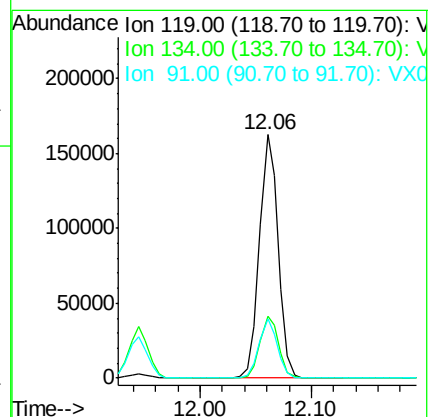
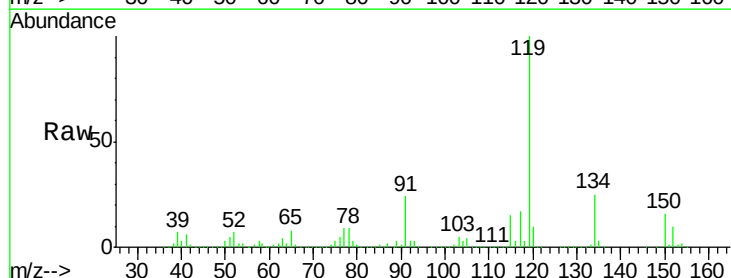
Tgt Ion:119 Resp: 191019

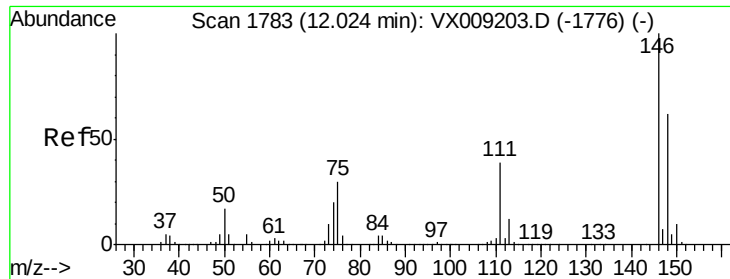
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 23.9 11.8 35.4





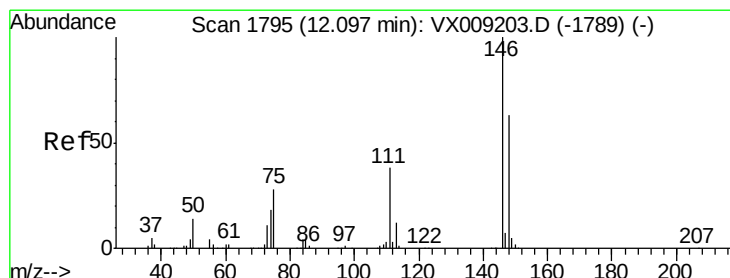
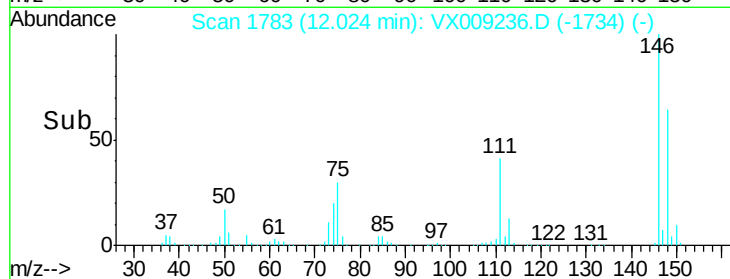
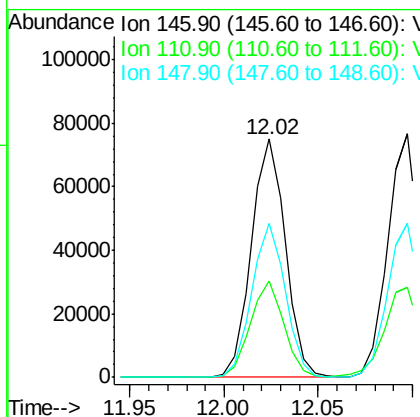
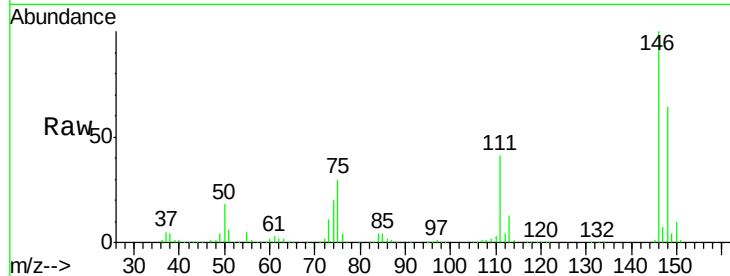
#87
 1,3-Dichlorobenzene
 Concen: 19.711 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.9	31.8	95.3

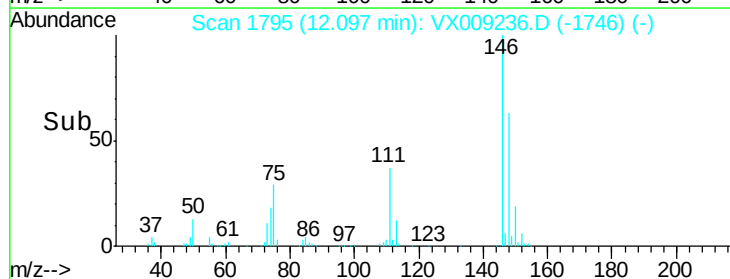
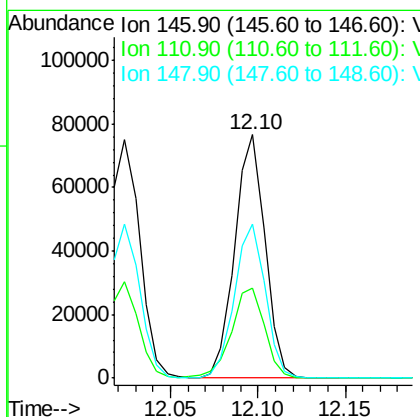
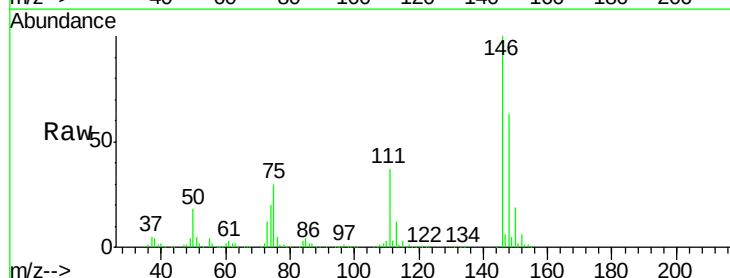
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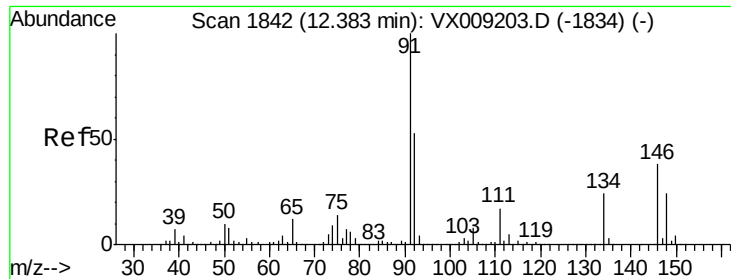
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#88
 1,4-Dichlorobenzene
 Concen: 19.405 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.3	31.8	95.3





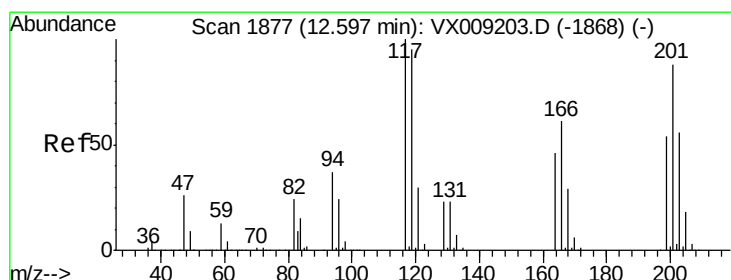
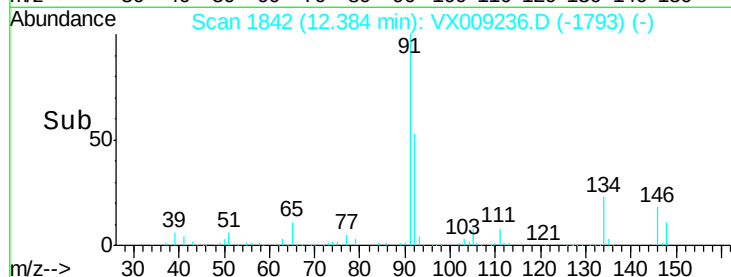
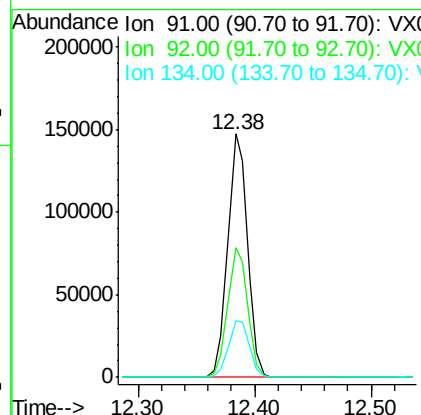
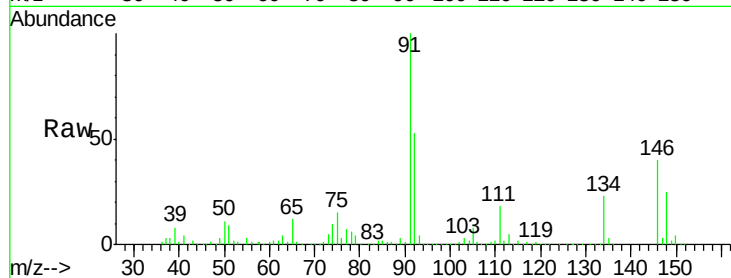
#89
n-Butylbenzene
Concen: 20.358 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.5	79.5
134	24.7	12.4	37.2

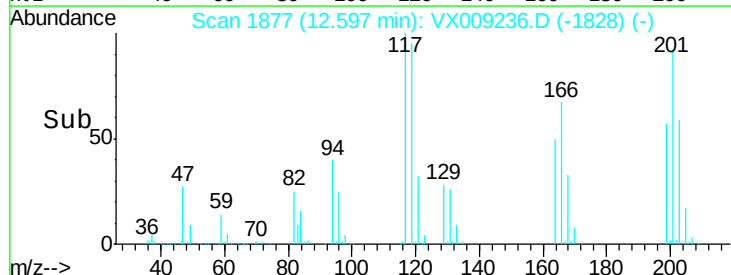
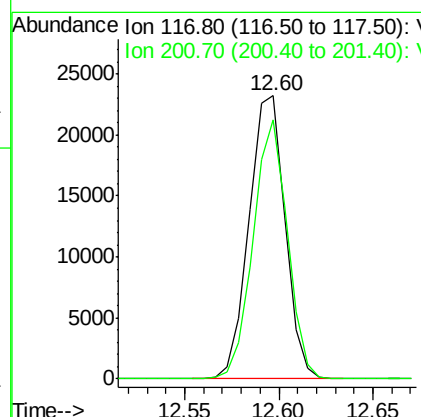
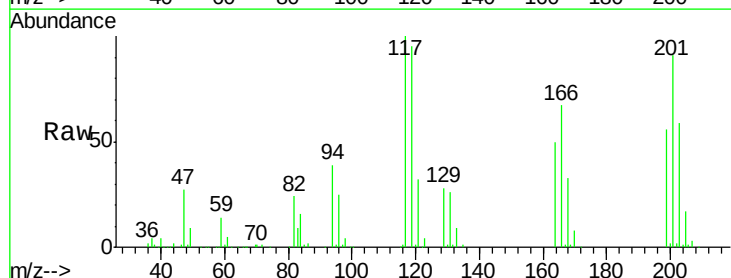
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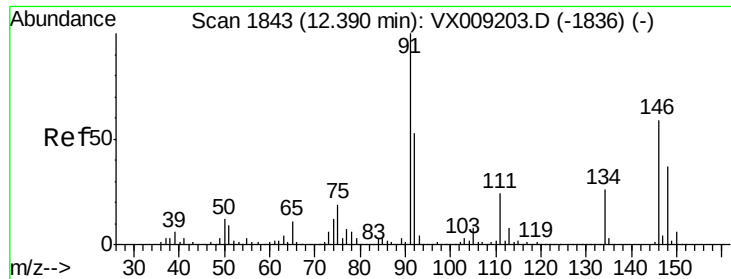
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#90
Hexachloroethane
Concen: 19.281 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	42.3	126.9





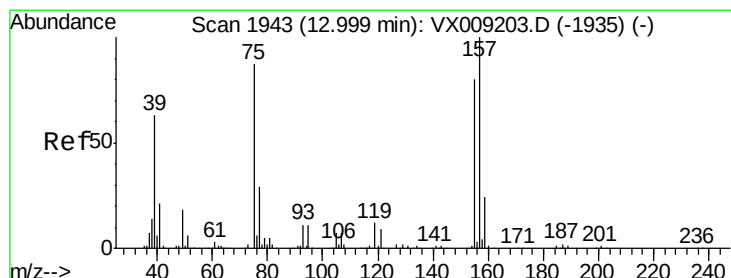
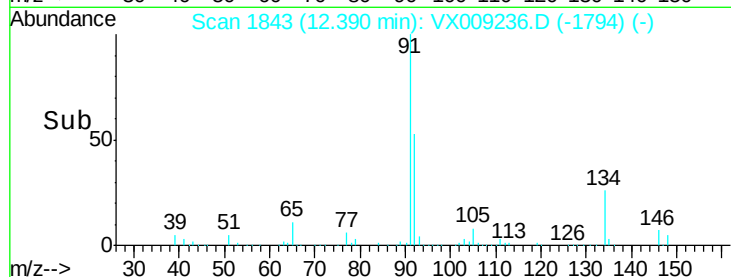
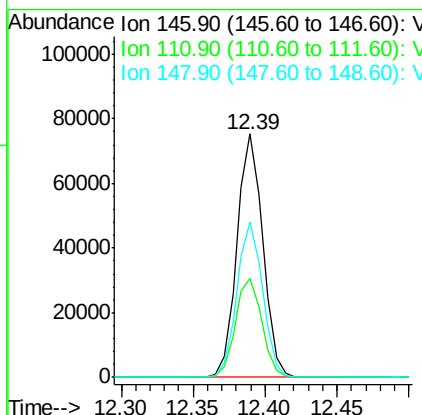
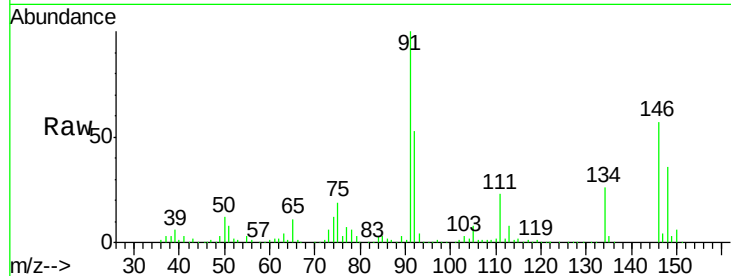
#91
 1,2-Dichlorobenzene
 Concen: 19.456 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.4
148	63.5	31.9	95.9

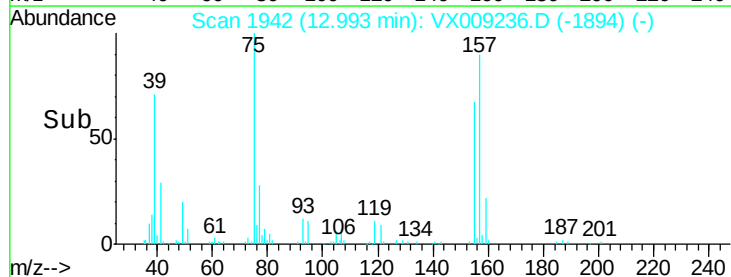
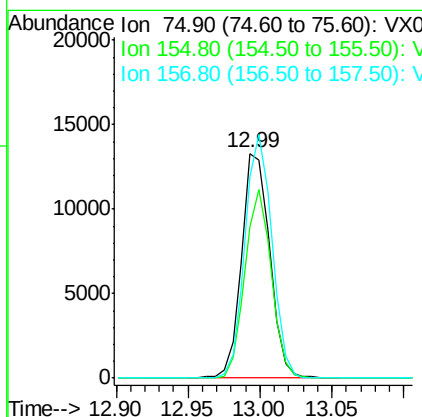
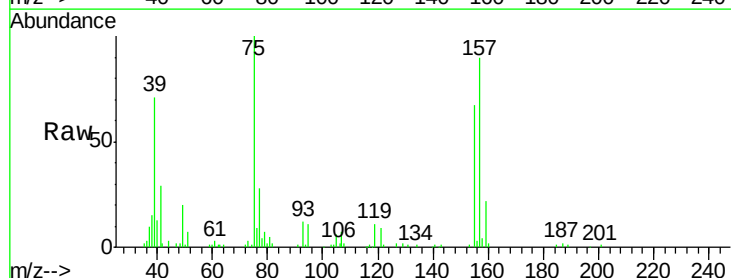
Manual Integrations
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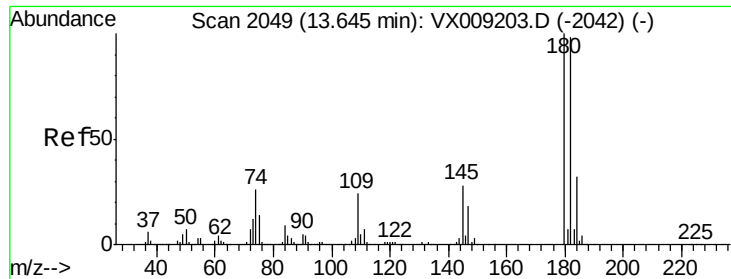
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.032 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	42.0	126.0
157	103.5	53.2	159.6





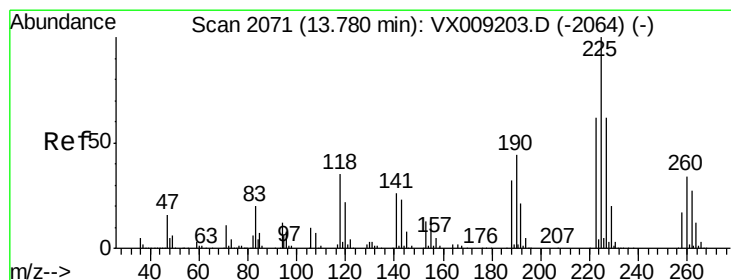
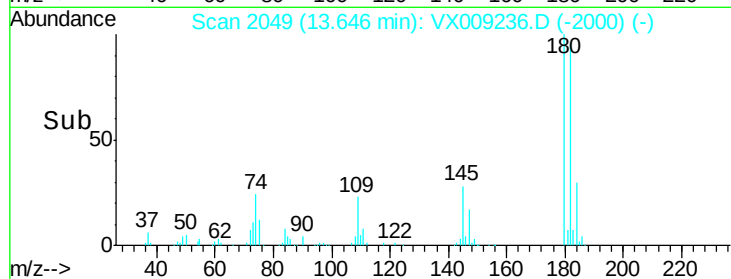
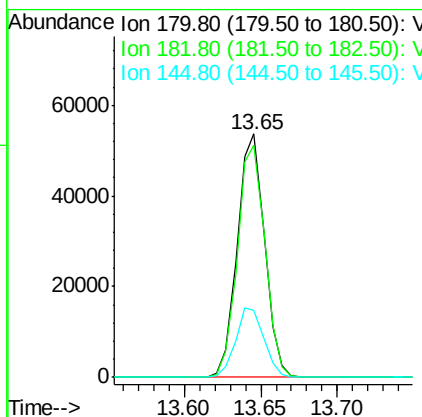
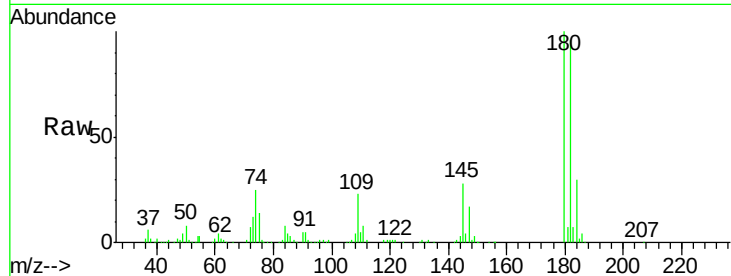
#93
 1,2,4-Trichlorobenzene
 Concen: 20.046 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	66305		
182	96.8		48.4	145.2
145	29.3		14.6	43.8

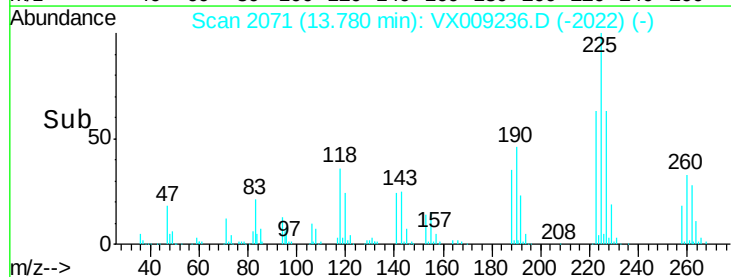
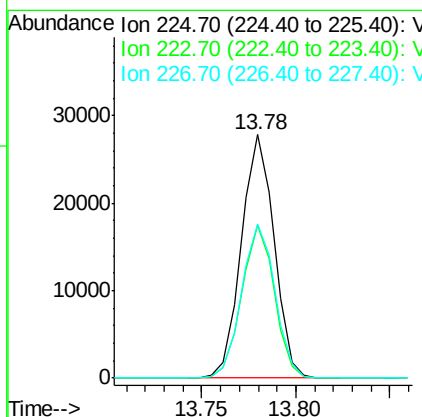
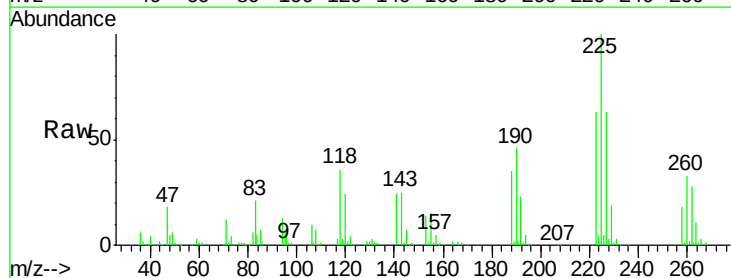
Manual Integrations
 APPROVED

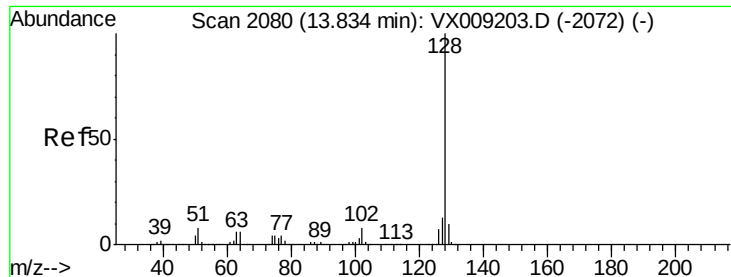
MMDadoda
 5/1/2019 10:05:02 AM



#94
 Hexachlorobutadiene
 Concen: 19.853 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009236.D
 Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33534		
223	62.5		31.3	93.8
227	64.3		31.8	95.3





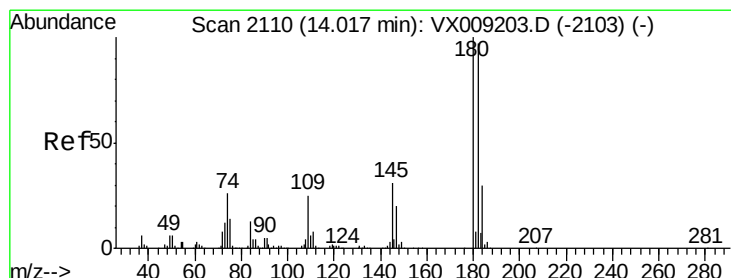
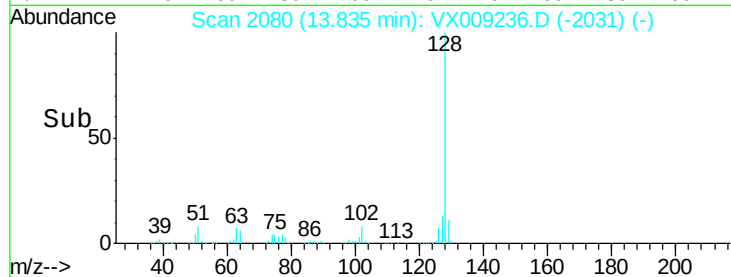
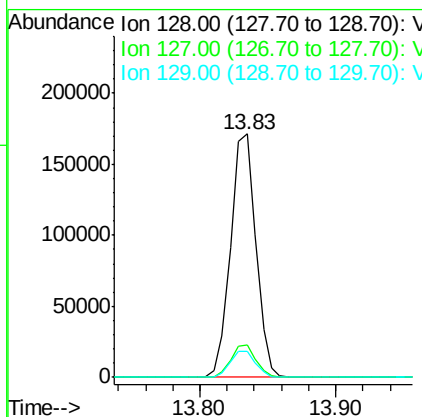
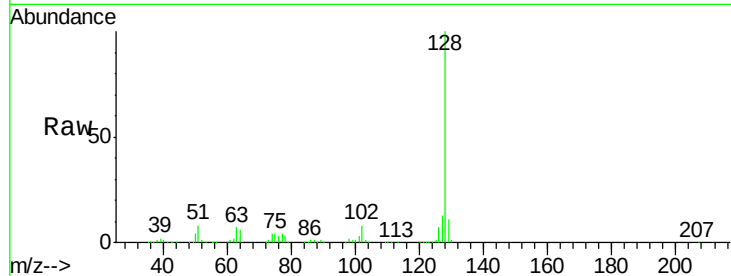
#95
Naphthalene
Concen: 20.653 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	222254		
127	13.0		10.4	15.6
129	10.9		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/1/2019 10:05:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.625 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009236.D
Acq: 30 Apr 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69153		
182	95.0		47.8	143.4
145	31.0		15.4	46.4

