

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008601.D
 Acq On : 02 Apr 2019 19:25
 Operator : JC/SP
 Sample : VX0402WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 11:32:47 AM

Quant Time: Apr 03 04:35:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130201	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.50	113	95812	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.71	98	380894	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	140224	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33270	16.131	ug/l	97
3) Chloromethane	1.32	50	47992	18.026	ug/l	98
4) Vinyl Chloride	1.40	62	45844	15.919	ug/l	98
5) Bromomethane	1.64	94	21538	15.543	ug/l	99
6) Chloroethane	1.72	64	28882	16.930	ug/l	100
7) Trichlorofluoromethane	1.93	101	54339	16.661	ug/l	100
8) Diethyl Ether	2.18	74	26570	17.214	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35813	18.169	ug/l	98
10) Methyl Iodide	2.51	142	26723	16.912	ug/l	98
11) Tert butyl alcohol	3.04	59	59978	102.052	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35721	17.548	ug/l	96
13) Acrolein	2.29	56	45277	106.086	ug/l	99
14) Allyl chloride	2.73	41	83343	18.584	ug/l	99
15) Acrylonitrile	3.14	53	151177	98.097	ug/l	99
16) Acetone	2.44	43	140638	101.439	ug/l	99
17) Carbon Disulfide	2.57	76	97936	16.511	ug/l	100
18) Methyl Acetate	2.78	43	70052	21.038	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	140285	19.124	ug/l	99
20) Methylene Chloride	2.85	84	45578	19.756	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38673	18.897	ug/l	96
22) Diisopropyl ether	3.85	45	171211	19.388	ug/l	98
23) Vinyl Acetate	3.81	43	750526	97.418	ug/l	99
24) 1,1-Dichloroethane	3.70	63	83152	18.652	ug/l	99
25) 2-Butanone	4.67	43	223270	100.450	ug/l	100
26) 2,2-Dichloropropane	4.59	77	58165	19.616	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	46256	18.583	ug/l	99
28) Bromochloromethane	5.01	49	41045	18.635	ug/l	99
29) Tetrahydrofuran	5.13	42	145041	99.010	ug/l	98
30) Chloroform	5.21	83	75540	18.775	ug/l	100
31) Cyclohexane	5.58	56	76190	17.919	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	60090	18.685	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55992	18.039	ug/l	99
37) Ethyl Acetate	4.84	43	83157	20.681	ug/l	100
38) Carbon Tetrachloride	5.79	117	49129	18.967	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68913	18.578	ug/l	98
40) Benzene	6.14	78	177318	19.082	ug/l	99
41) Methacrylonitrile	5.04	41	45974	20.345	ug/l	99
42) 1,2-Dichloroethane	6.19	62	63969	18.802	ug/l	100
43) Isopropyl Acetate	6.45	43	127882	19.883	ug/l	100
44) Trichloroethene	7.21	130	40472	18.550	ug/l	95
45) 1,2-Dichloropropane	7.51	63	50691	19.192	ug/l	99
46) Dibromomethane	7.66	93	28804	18.675	ug/l	98
47) Bromodichloromethane	7.90	83	56352	19.088	ug/l	97
48) Methyl methacrylate	7.77	41	64909	20.170	ug/l	99
49) 1,4-Dioxane	7.74	88	25535	399.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	434785	104.080	ug/l	99
52) Toluene	8.79	92	107598	19.366	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	62312	19.271	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	71293	19.389	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	44734	19.779	ug/l	98
56) Ethyl methacrylate	9.18	69	81082	19.860	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79235	19.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207789	98.462	ug/l	100
59) 2-Hexanone	9.49	43	341905	105.628	ug/l	99
60) Dibromochloromethane	9.58	129	41221	19.164	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45188	19.578	ug/l	98
64) Tetrachloroethene	9.33	164	34013	19.101	ug/l	98
65) Chlorobenzene	10.13	112	108388	18.948	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38810	19.665	ug/l	99
67) Ethyl Benzene	10.25	91	204133	18.909	ug/l	99
68) m/p-Xylenes	10.36	106	147356	37.520	ug/l	99
69) o-Xylene	10.69	106	72414	19.000	ug/l	100
70) Styrene	10.71	104	125466	19.058	ug/l	100
71) Bromoform	10.85	173	29317	18.811	ug/l	100
73) Isopropylbenzene	11.02	105	193531	19.540	ug/l	100
74) N-amyl acetate	10.90	43	117805	20.550	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	75370	19.613	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	72879m	20.136	ug/l	
77) Bromobenzene	11.26	156	46181	19.212	ug/l	98
78) n-propylbenzene	11.36	91	221993	19.134	ug/l	100
79) 2-Chlorotoluene	11.42	91	134884	19.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	161075	19.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22384	19.809	ug/l	95
82) 4-Chlorotoluene	11.51	91	153166	18.816	ug/l	99
83) tert-Butylbenzene	11.77	119	154228	19.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	163486	19.304	ug/l	99
85) sec-Butylbenzene	11.94	105	185944	19.328	ug/l	100
86) p-Isopropyltoluene	12.06	119	165504	19.496	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80956	18.850	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	80493	18.570	ug/l	99
89) n-Butylbenzene	12.38	91	152225	18.930	ug/l	99
90) Hexachloroethane	12.59	117	26252	18.563	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	82795	19.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16420	19.596	ug/l	99

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ClientSampleId :
VX0402WBSD03

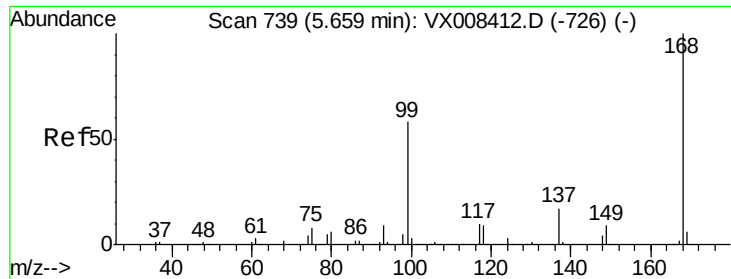
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55470	19.156	ug/l	99
94) Hexachlorobutadiene	13.78	225	27918	20.305	ug/l	98
95) Naphthalene	13.83	128	199684	20.114	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57666	19.818	ug/l	99

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



#1

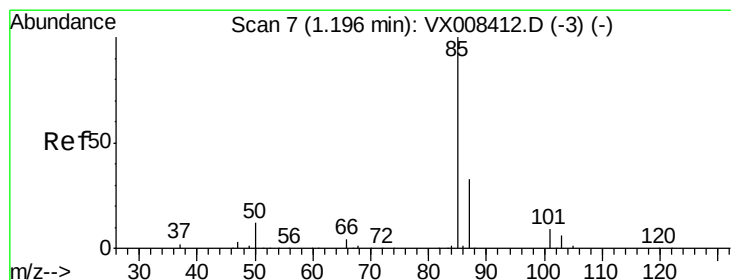
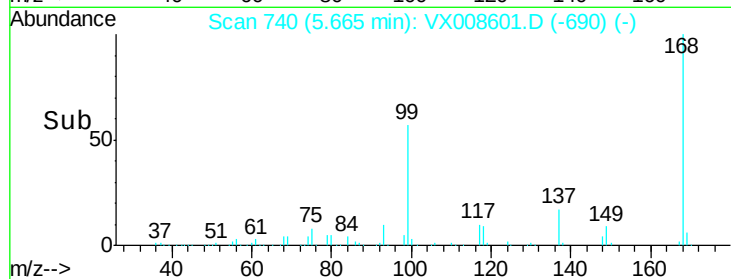
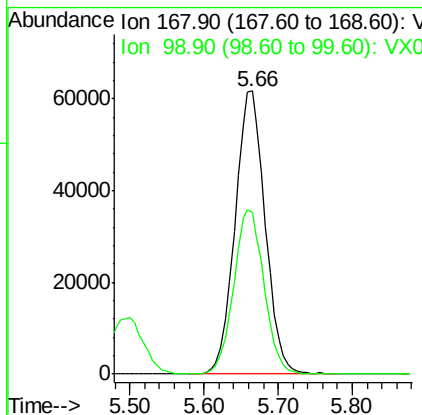
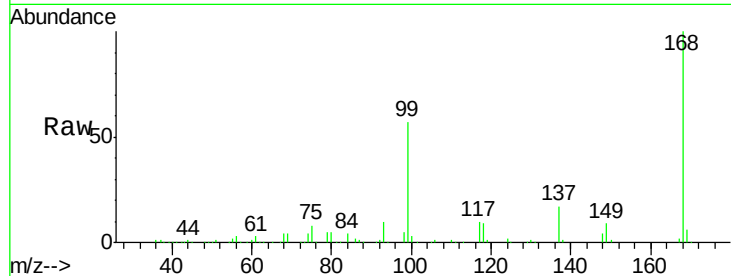
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
168	100	174975		
99	57.3	46.0	69.0	

Manual Integrations
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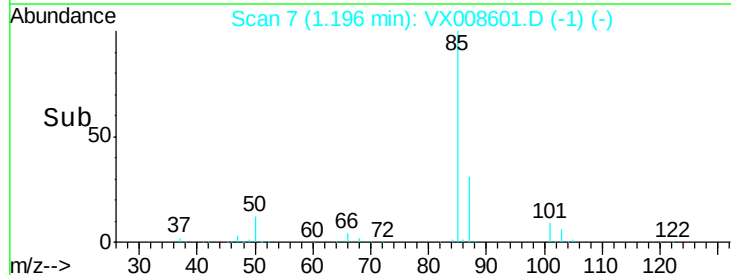
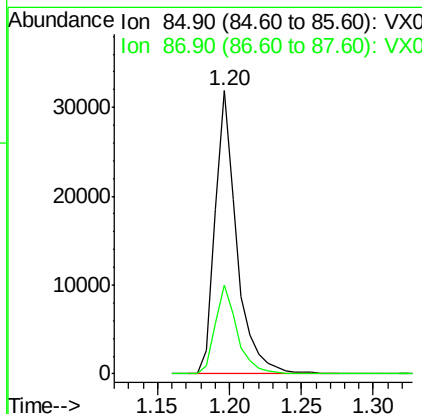
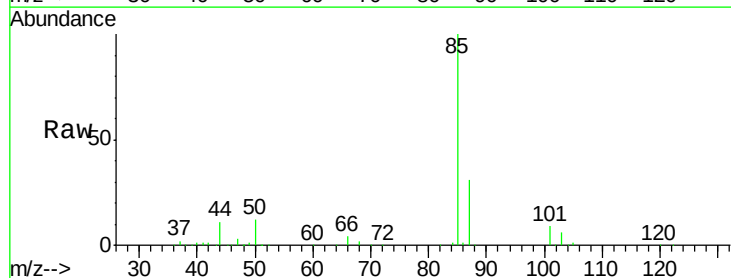
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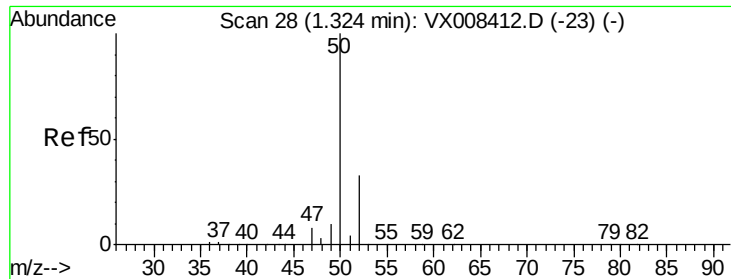


#2

Dichlorodifluoromethane
 Concen: 16.131 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	33270		
87	31.2	16.4	49.1	





#3

Chloromethane

Concen: 18.026 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 50 Resp: 47992

Ion Ratio Lower Upper

50 100

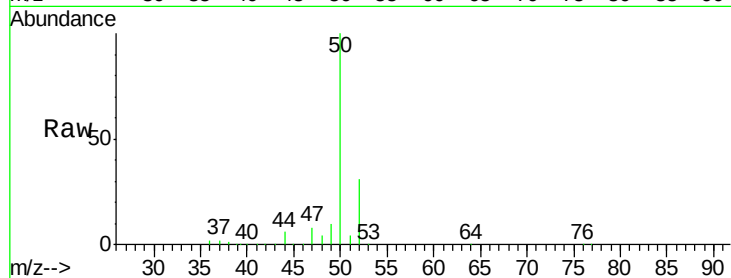
52 31.5 26.2 39.2

Manual Integrations

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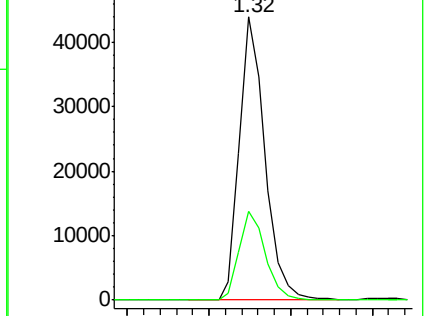
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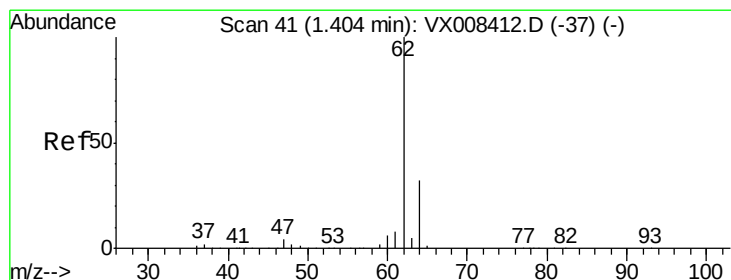
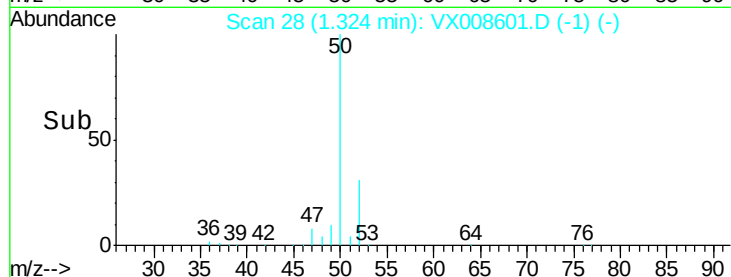


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 15.919 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008601.D

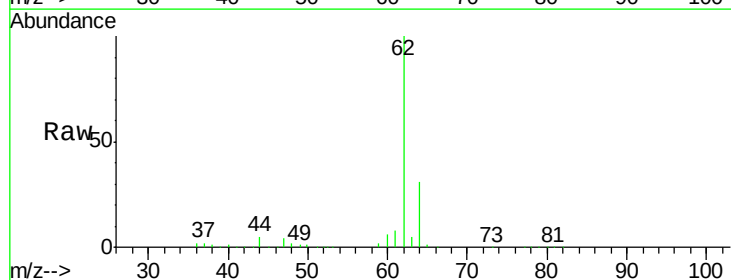
Acq: 02 Apr 2019 19:25

Tgt Ion: 62 Resp: 45844

Ion Ratio Lower Upper

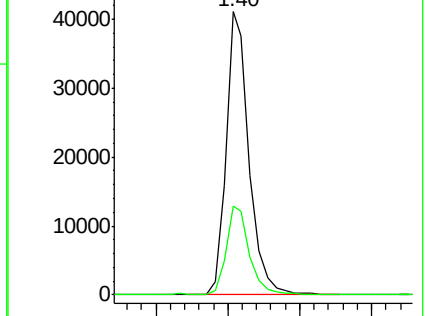
62 100

64 31.0 25.5 38.3

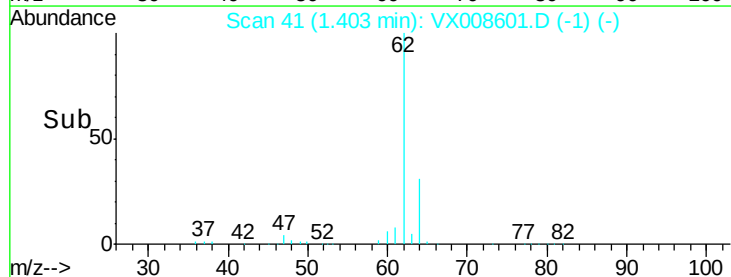


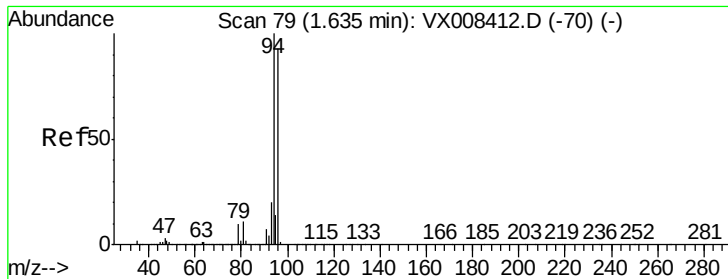
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 15.543 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tot Ion: 94 Resp: 21538

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2

Instrument :

MSVOA_X

ClientSampled :

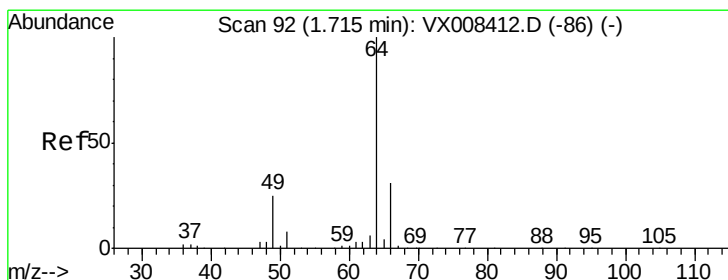
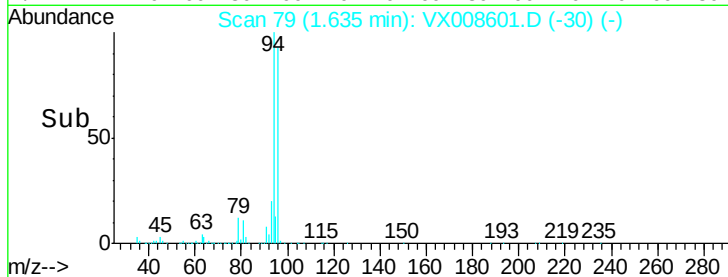
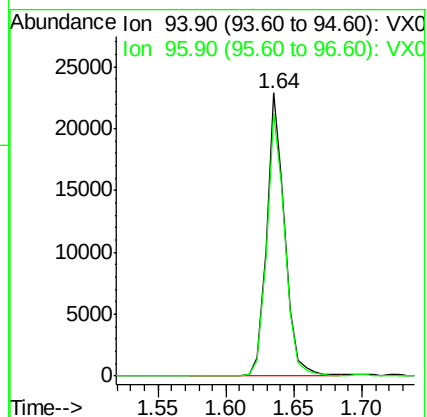
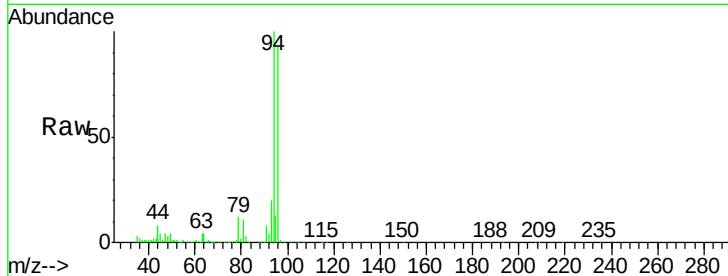
VX0402WBSD03

Manual Integrations

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#6

Chloroethane

Concen: 16.930 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008601.D

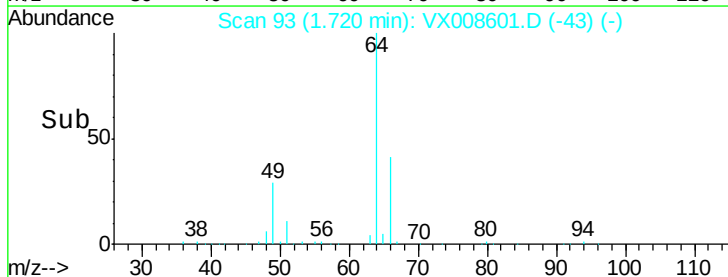
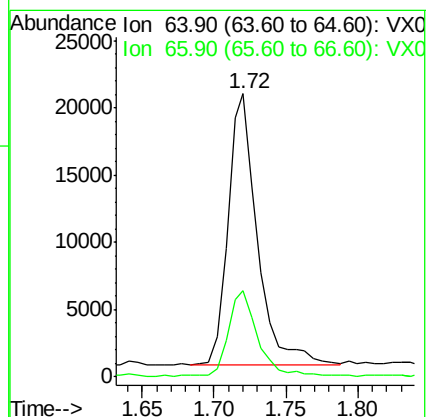
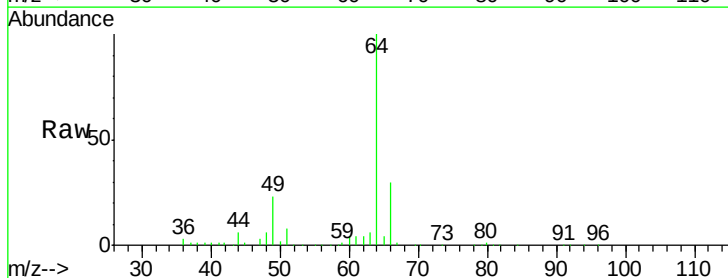
Acq: 02 Apr 2019 19:25

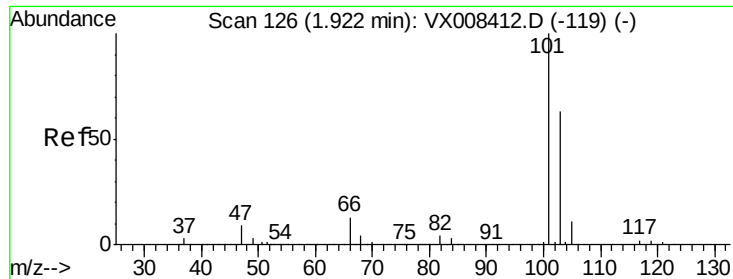
Tgt Ion: 64 Resp: 28882

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7





#7

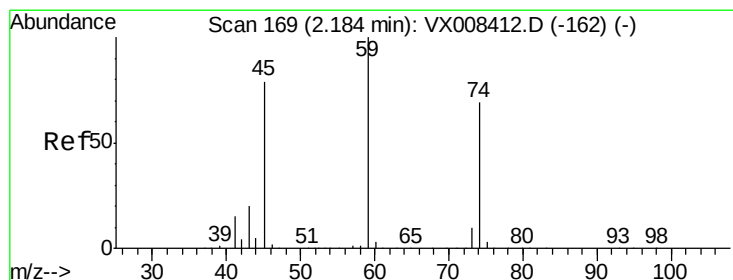
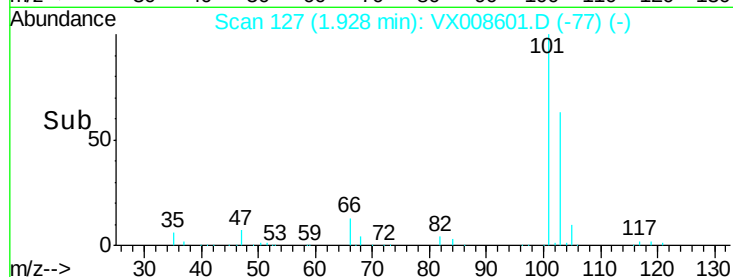
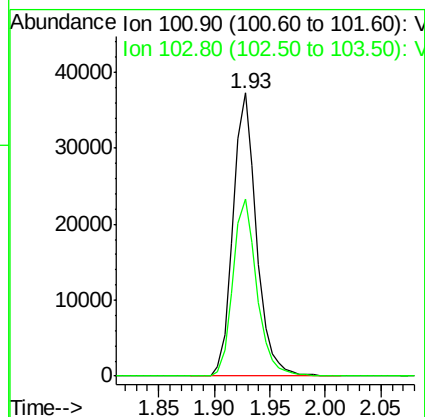
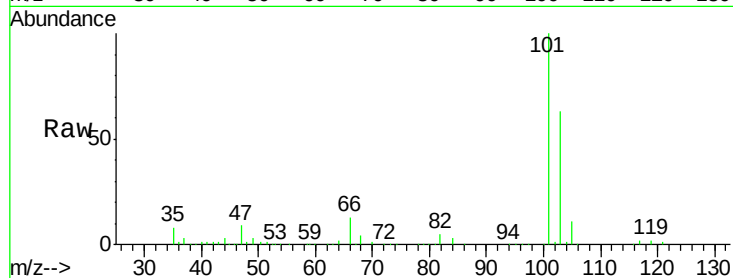
Trichlorofluoromethane
Concen: 16.661 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion:101 Resp: 54339
Ion Ratio Lower Upper
101 100
103 62.7 50.2 75.4

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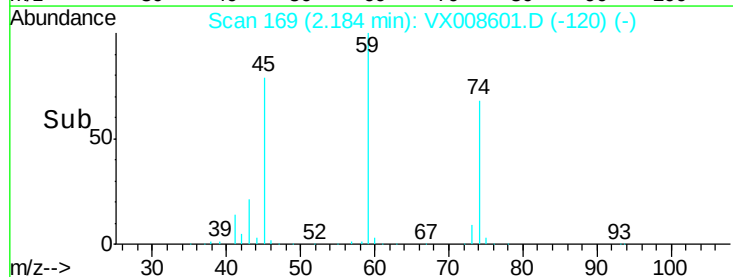
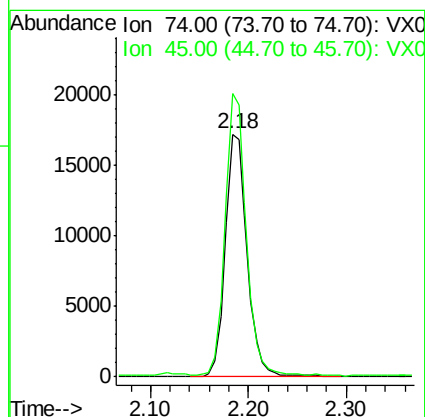
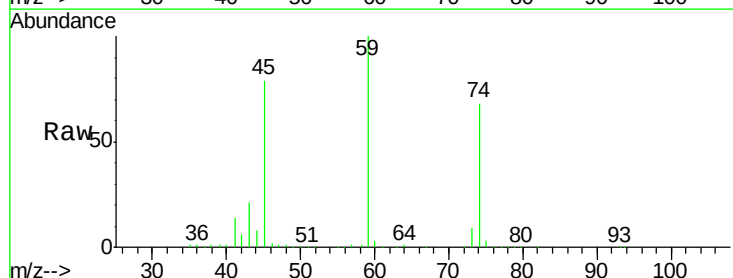
MMDadoda
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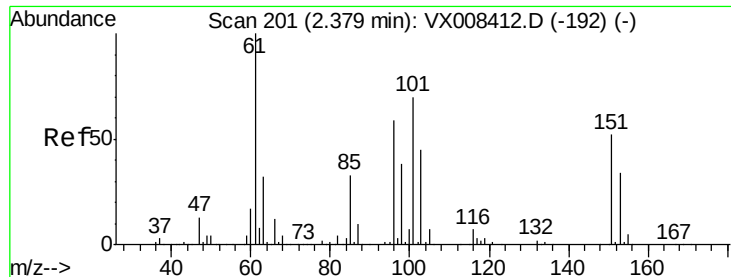


#8

Diethyl Ether
Concen: 17.214 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 74 Resp: 26570
Ion Ratio Lower Upper
74 100
45 113.5 56.4 169.2





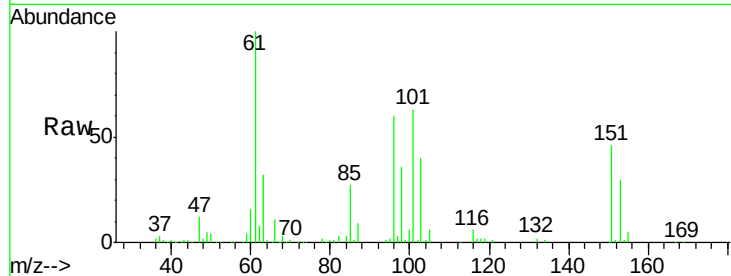
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.169 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
101	100	35813		
85	43.5	36.0	54.0	
151	75.8	59.2	88.8	

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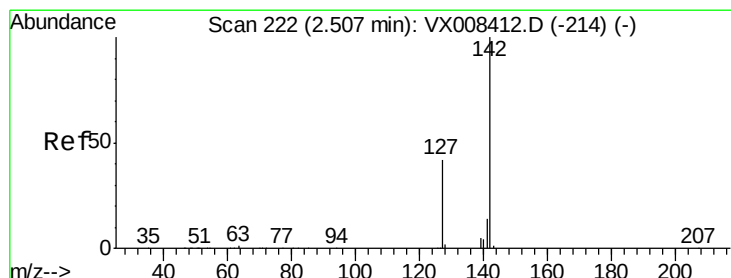
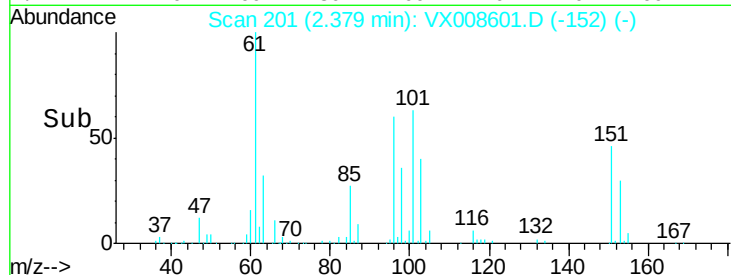
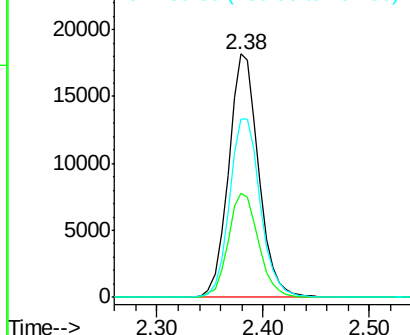


Abundance

Ion 100.90 (100.60 to 101.60): V

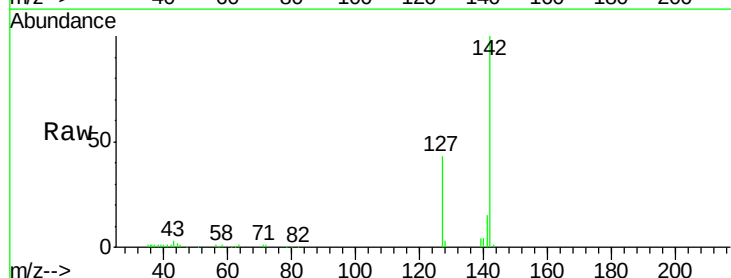
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 16.912 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	26723		
127	40.9	33.6	50.4	
141	14.5	11.3	16.9	

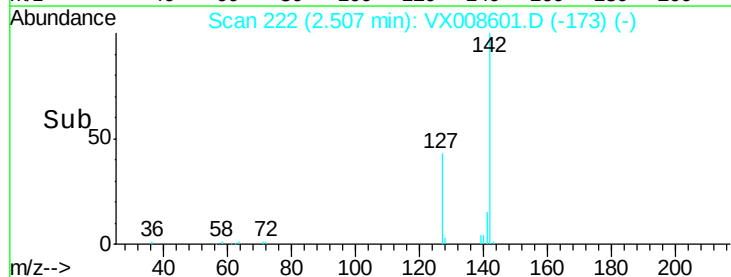
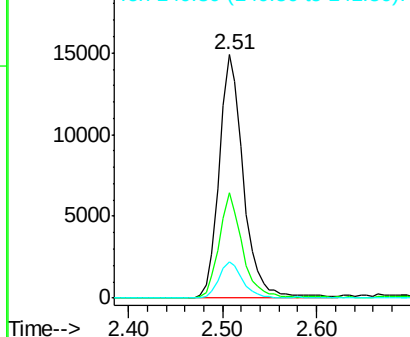


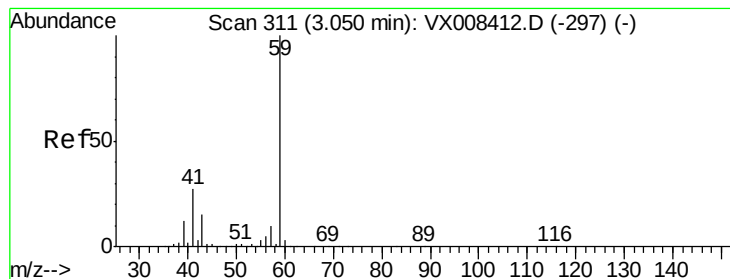
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

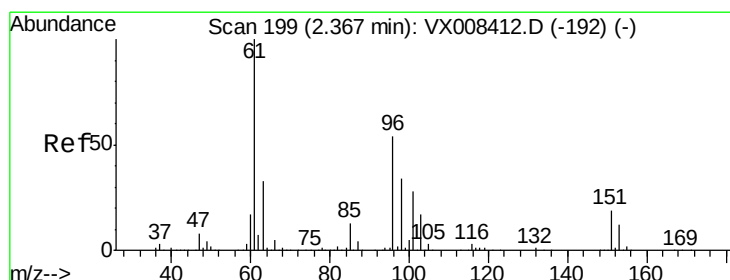
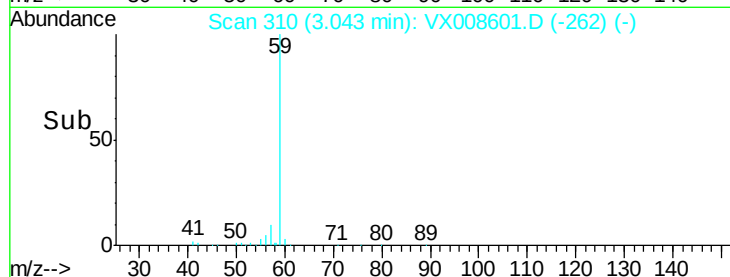
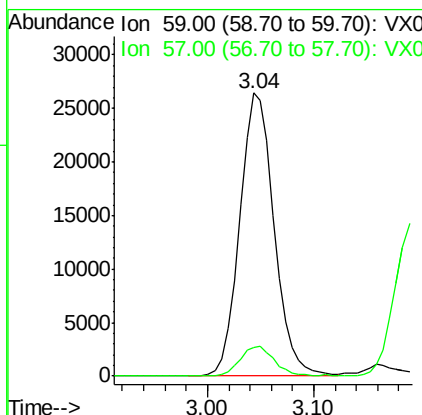
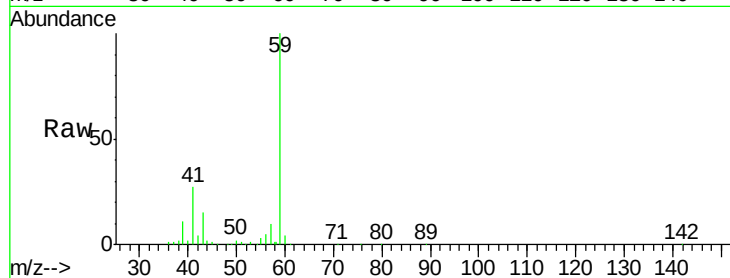
Tert butyl alcohol
 Concen: 102.052 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

Manual Integrations
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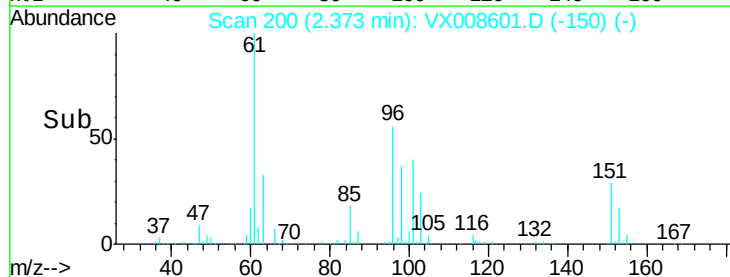
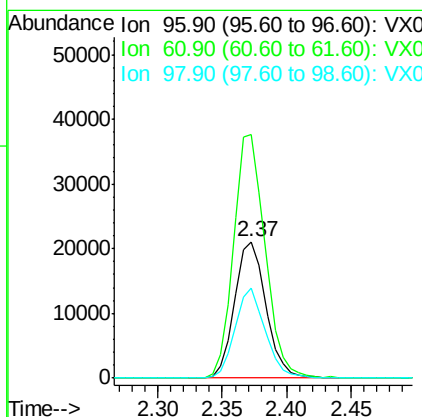
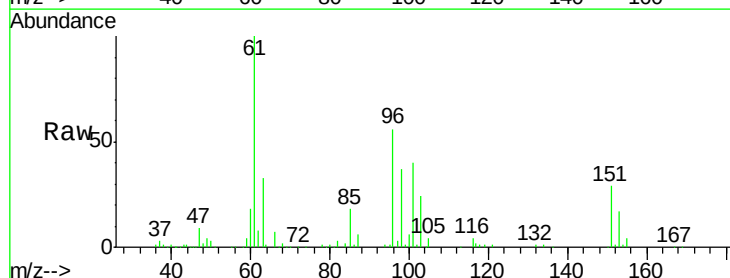
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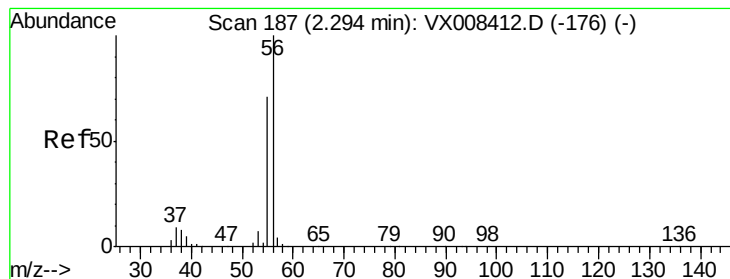


#12

1,1-Dichloroethene
 Concen: 17.548 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.5	146.9	220.3
98	65.9	50.1	75.1





#13

Acrolein

Concen: 106.086 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 56 Resp: 45277

Ion Ratio Lower Upper

56 100

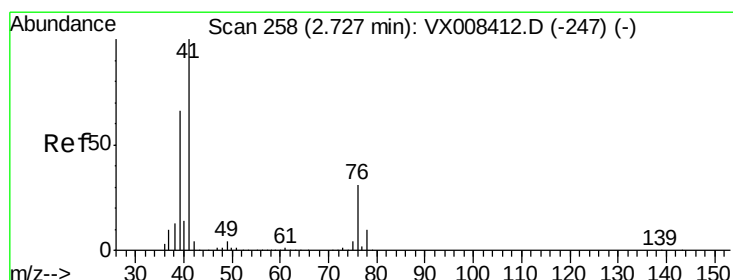
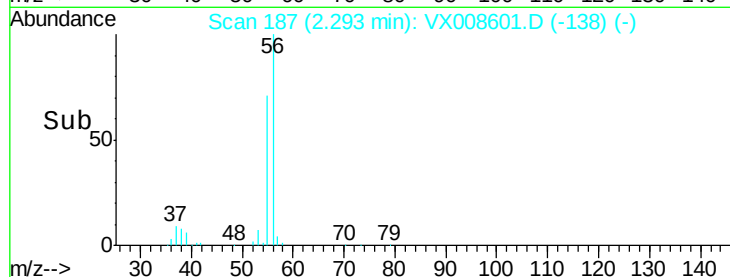
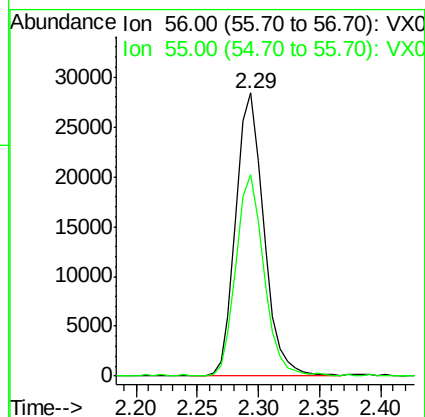
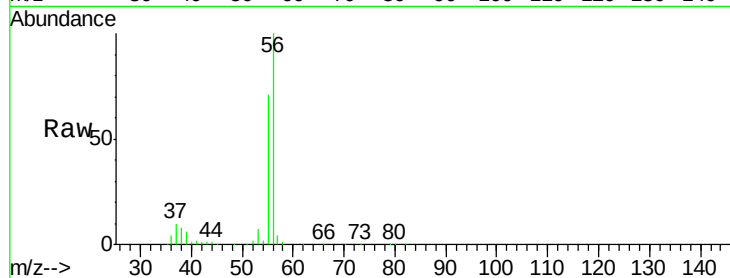
55 71.0 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 18.584 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

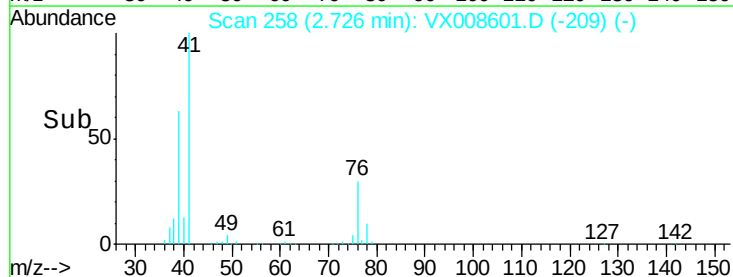
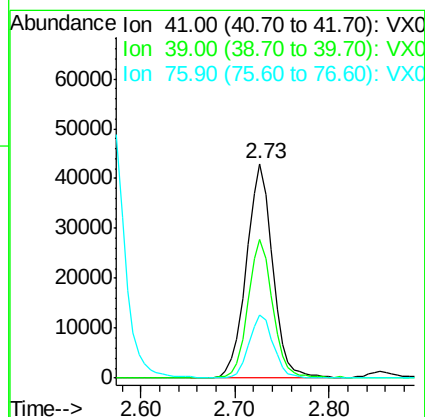
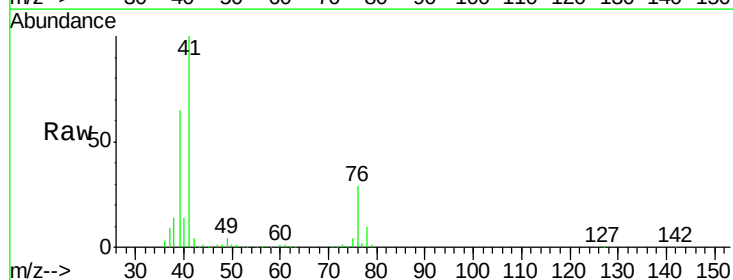
Tgt Ion: 41 Resp: 83343

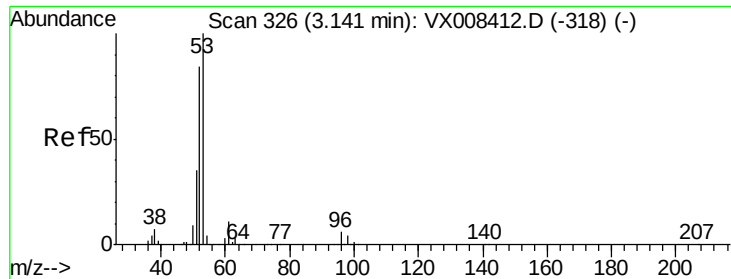
Ion Ratio Lower Upper

41 100

39 61.2 49.6 74.4

76 27.6 22.6 34.0





#15

Acrylonitrile

Concen: 98.097 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

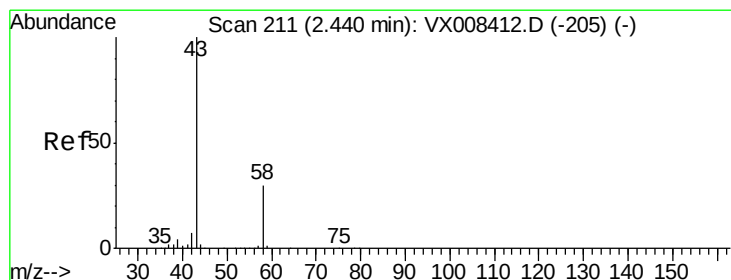
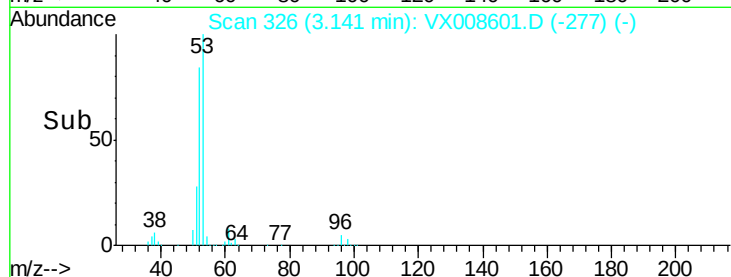
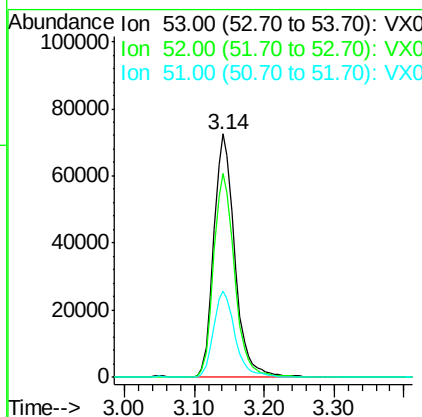
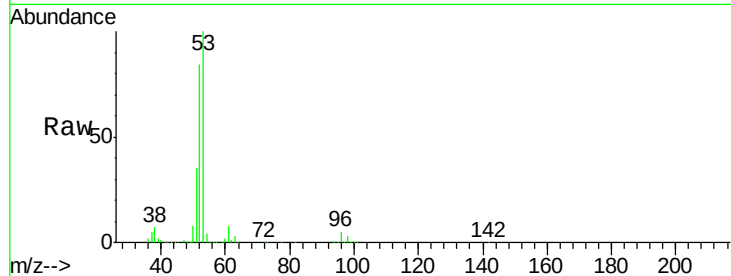
ClientSampleId :

VX0402WBSD03

Tot Ion:	53	Resp:	151177
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.5	99.7
51	36.2	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 101.439 ug/l

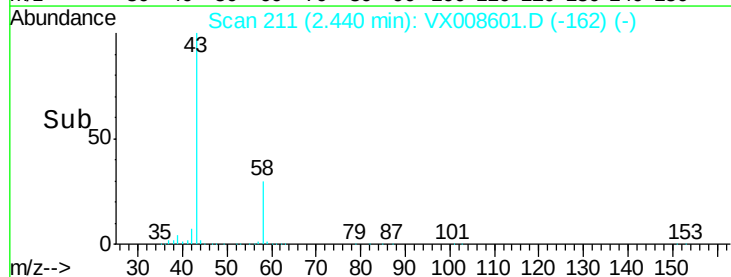
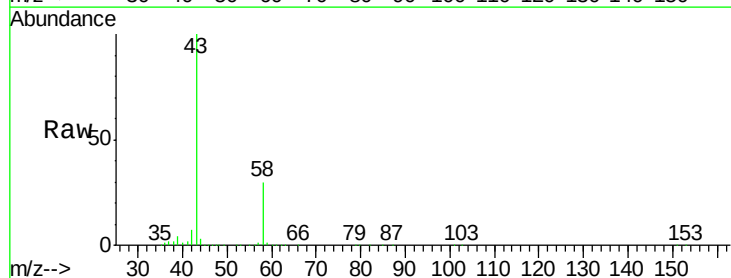
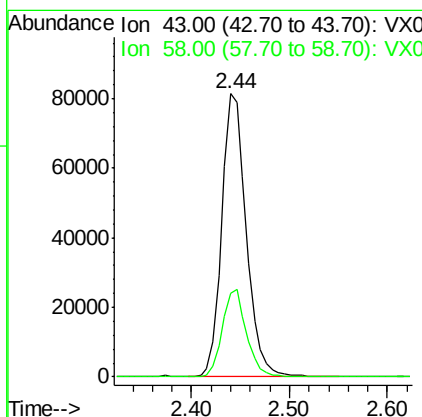
RT: 2.44 min Scan# 211

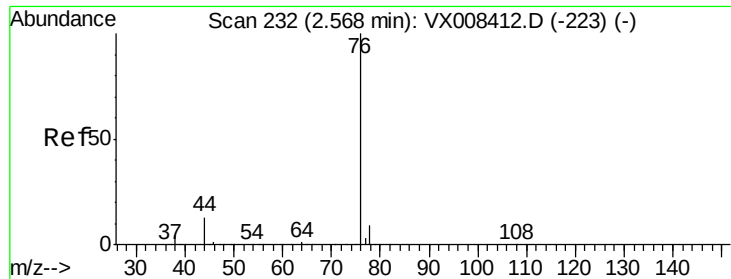
Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion:	43	Resp:	140638
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.2	36.2





#17

Carbon Disulfide

Concen: 16.511 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 76 Resp: 97936

Ion Ratio Lower Upper

76 100

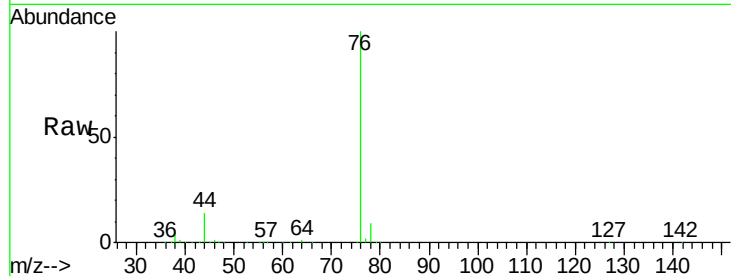
78 9.4 7.4 11.2

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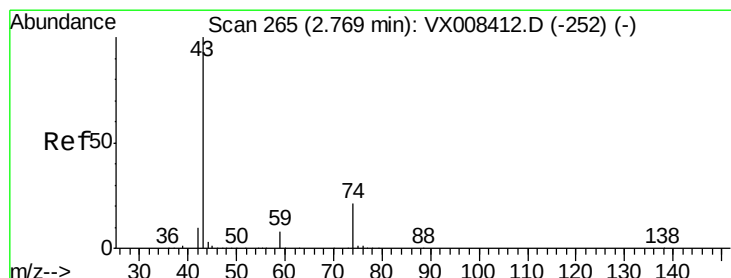
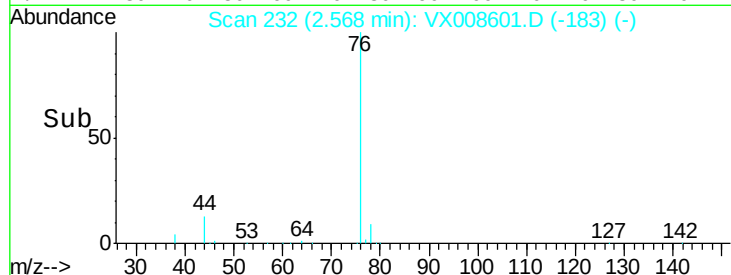
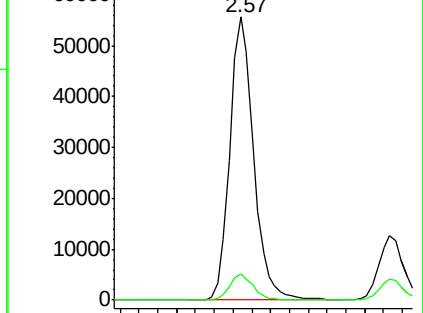
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.038 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX008601.D

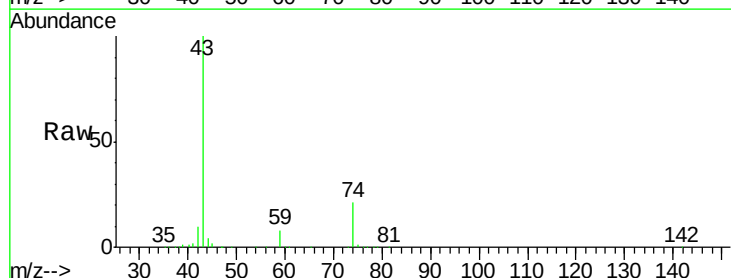
Acq: 02 Apr 2019 19:25

Tgt Ion: 43 Resp: 70052

Ion Ratio Lower Upper

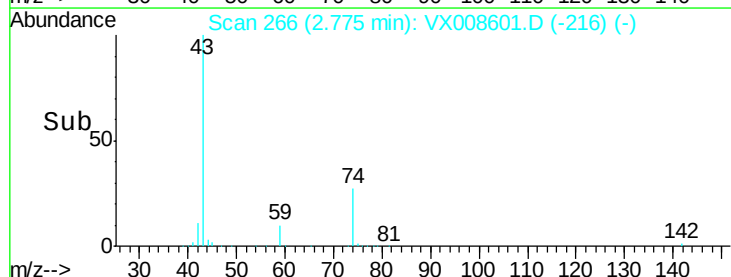
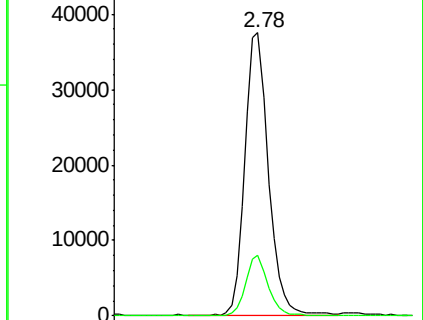
43 100

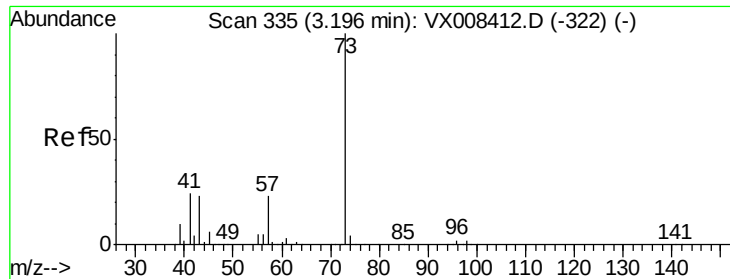
74 19.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





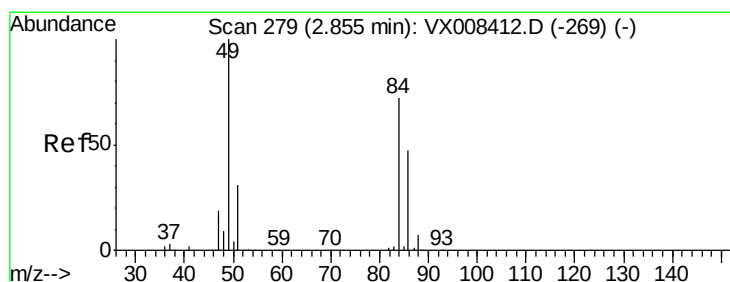
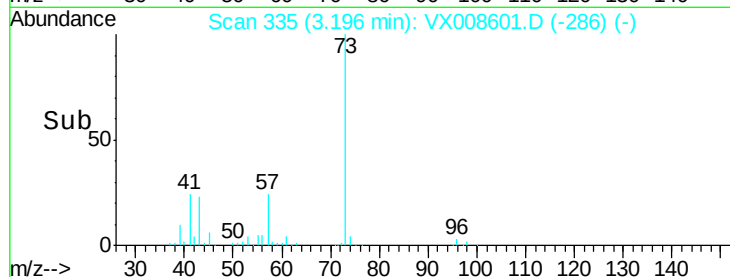
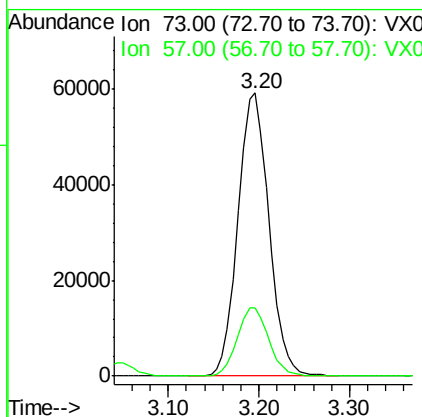
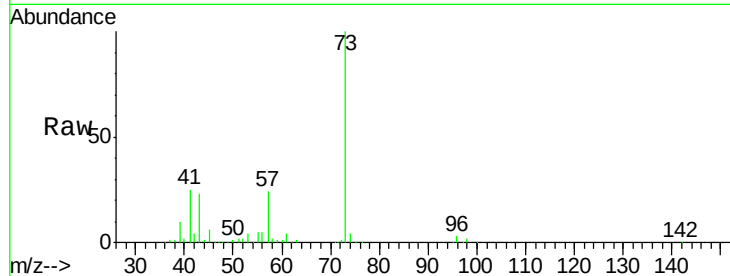
#19
Methvl tert-butyl Ether
Concen: 19.124 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.6	28.0

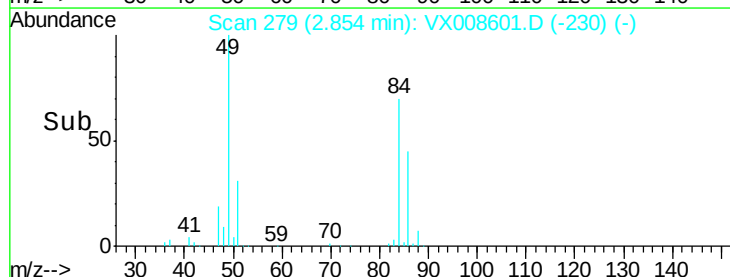
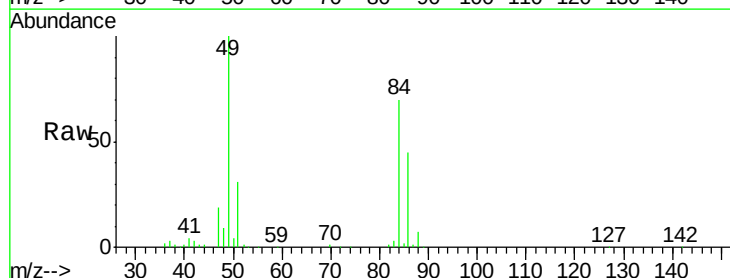
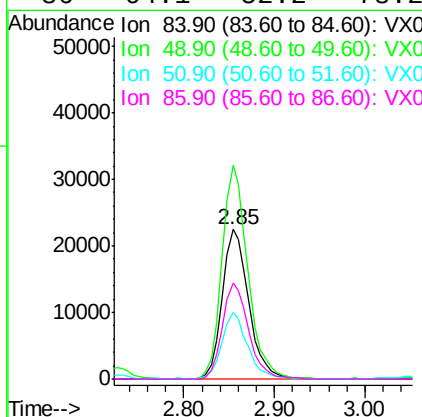
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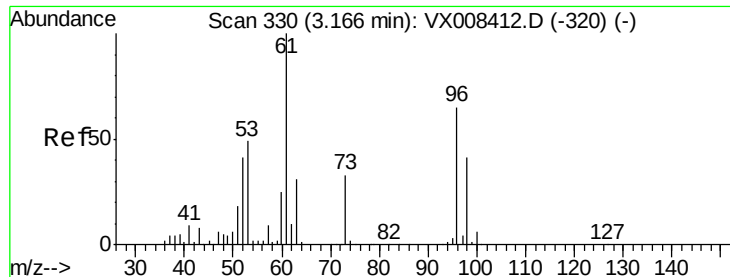
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#20
Methylene Chloride
Concen: 19.756 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.5	110.6	165.8
51	44.3	33.9	50.9
86	64.1	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 18.897 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 96 Resp: 38673

Ion Ratio Lower Upper

96 100

61 159.8 122.6 184.0

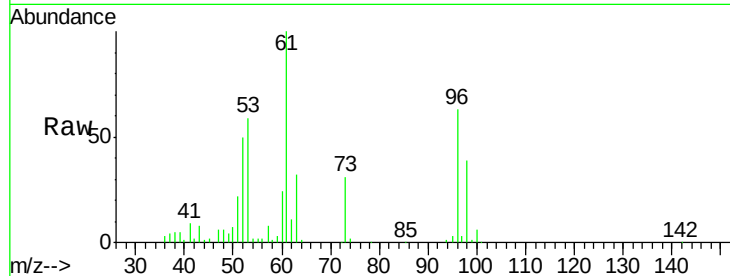
98 63.1 50.9 76.3

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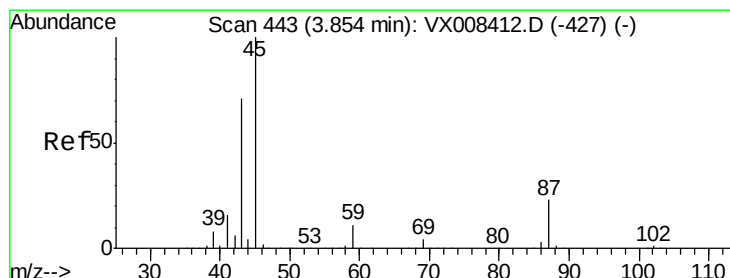
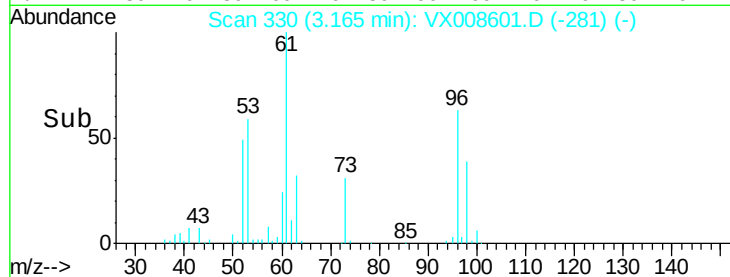
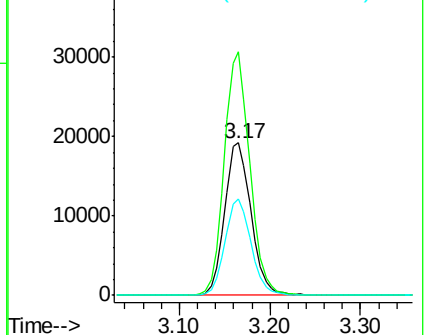


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.388 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion: 45 Resp: 171211

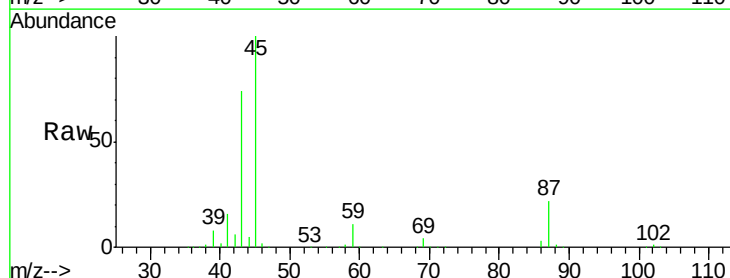
Ion Ratio Lower Upper

45 100

43 73.7 57.1 85.7

87 22.4 18.8 28.2

59 10.8 8.7 13.1



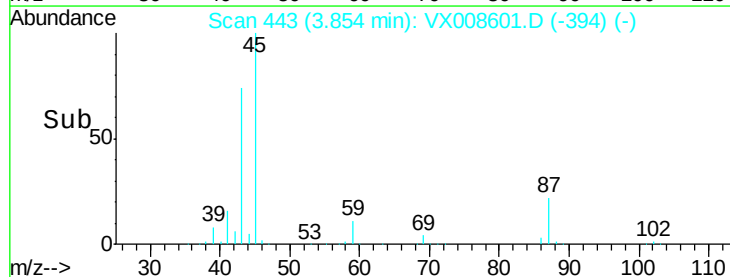
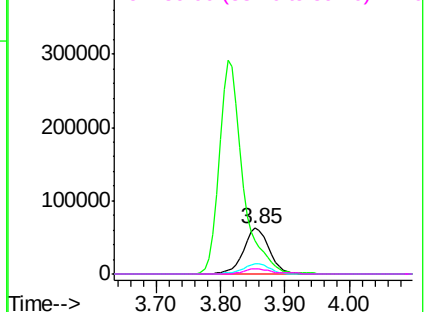
Abundance

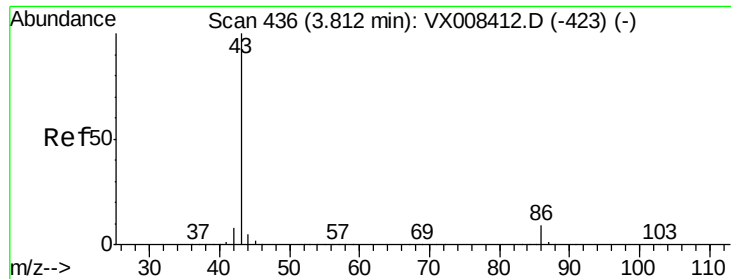
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.418 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 43 Resp: 750526

Ion Ratio Lower Upper

43 100

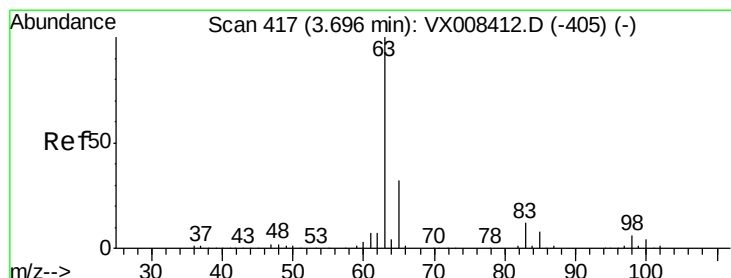
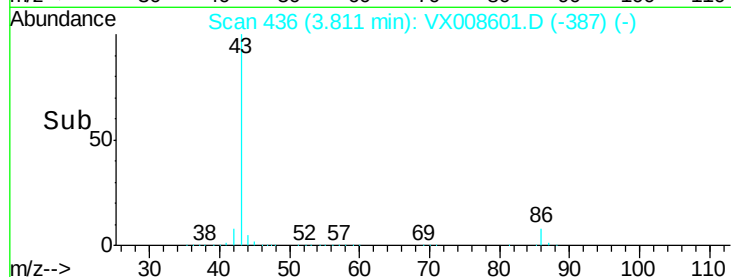
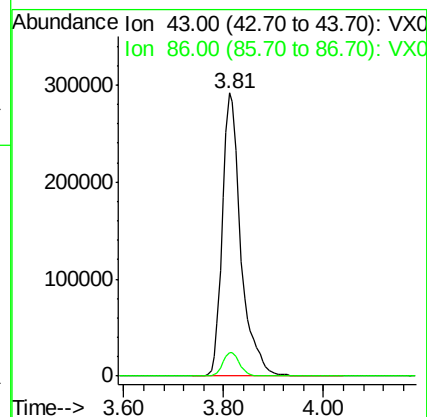
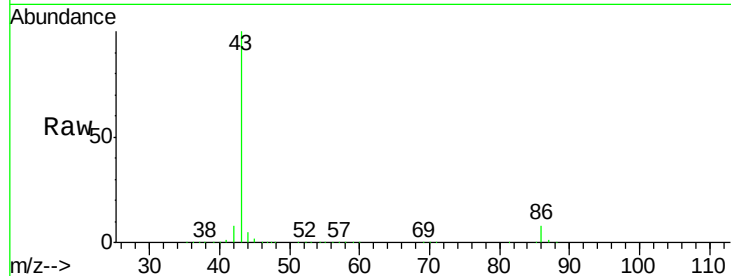
86 8.4 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 18.652 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

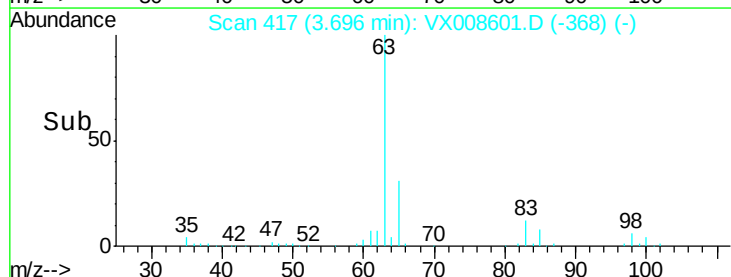
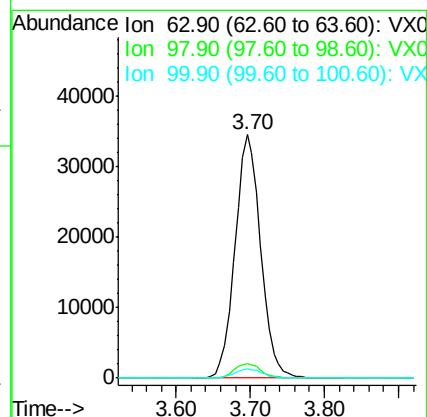
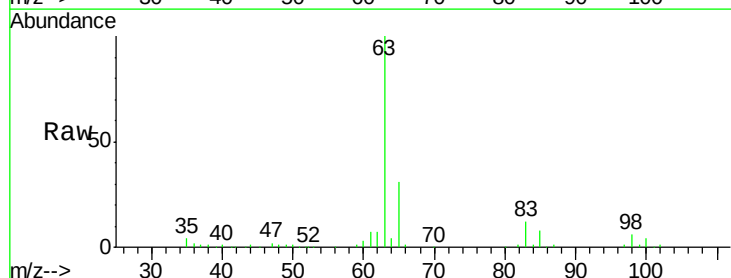
Tgt Ion: 63 Resp: 83152

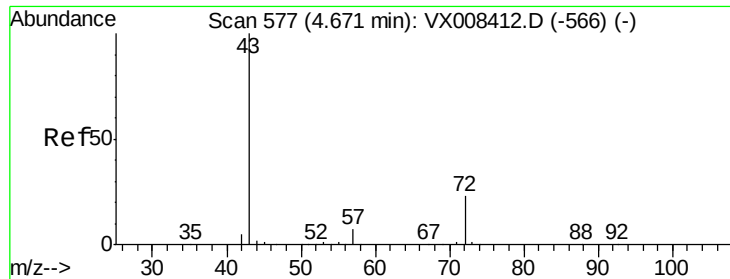
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 100.450 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 43 Resp: 223270

Ion Ratio Lower Upper

43 100

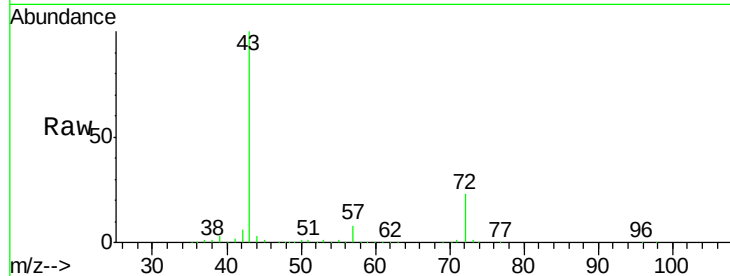
72 23.2 18.6 28.0

Manual Integrations

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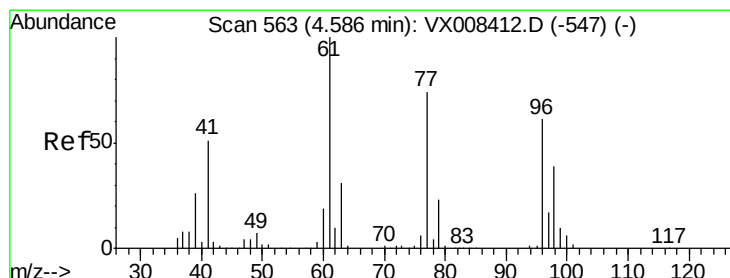
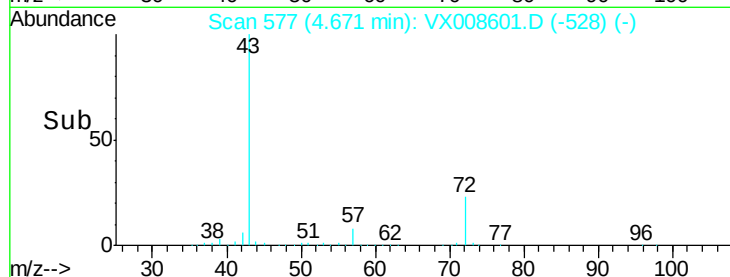
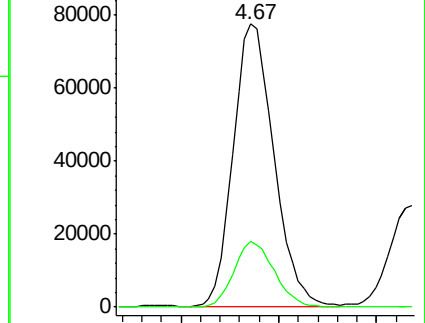
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.616 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008601.D

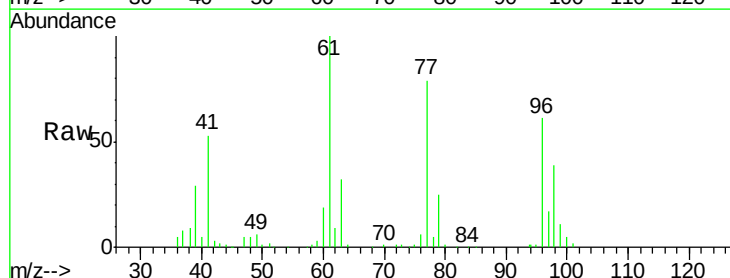
Acq: 02 Apr 2019 19:25

Tgt Ion: 77 Resp: 58165

Ion Ratio Lower Upper

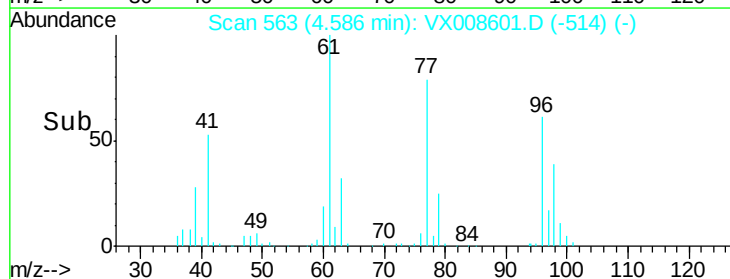
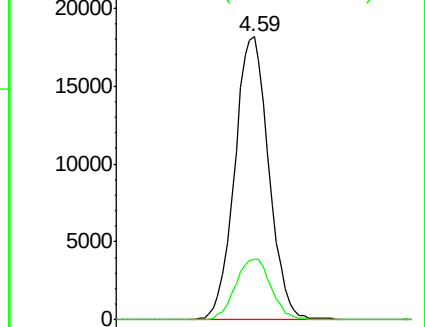
77 100

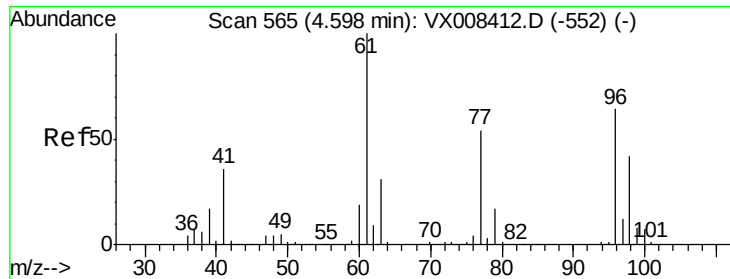
97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

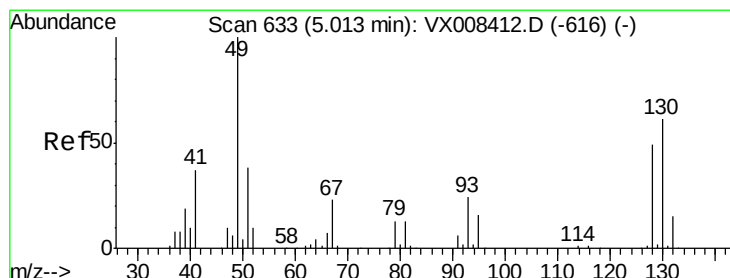
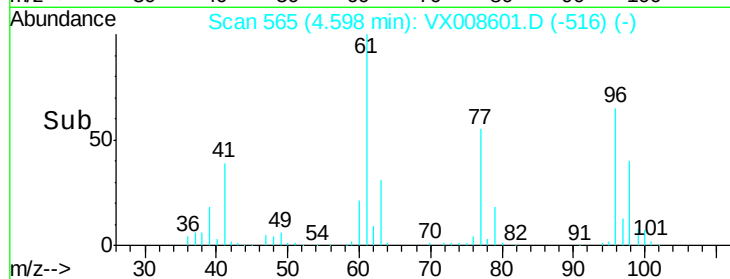
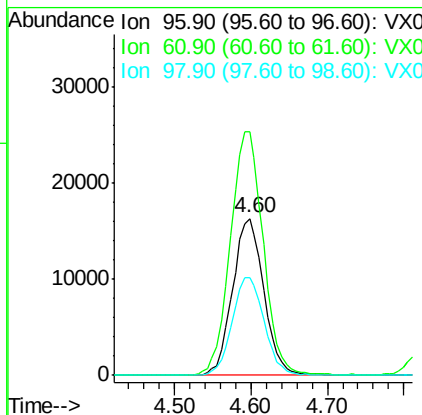
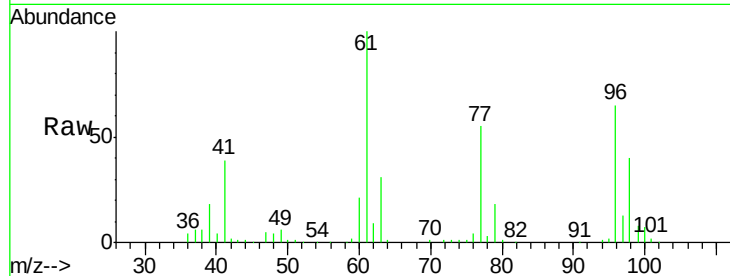
cis-1,2-Dichloroethene
Concen: 18.583 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	46256		
61	163.0	0.0	325.6	
98	63.9	0.0	130.0	

Manual Integrations
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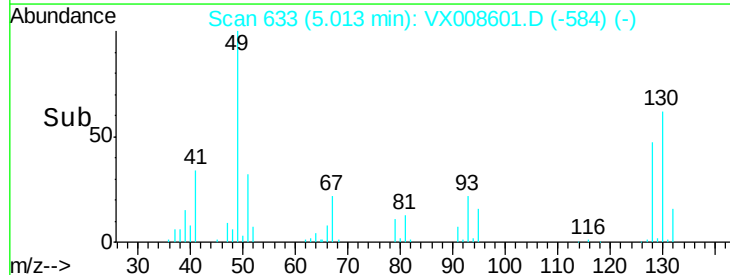
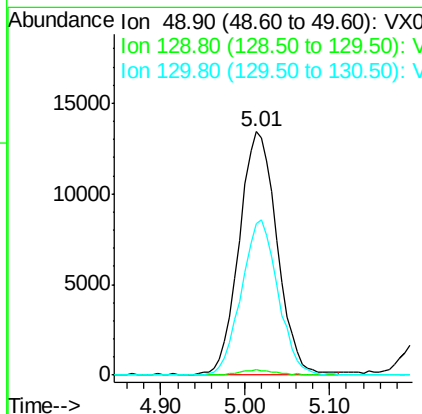
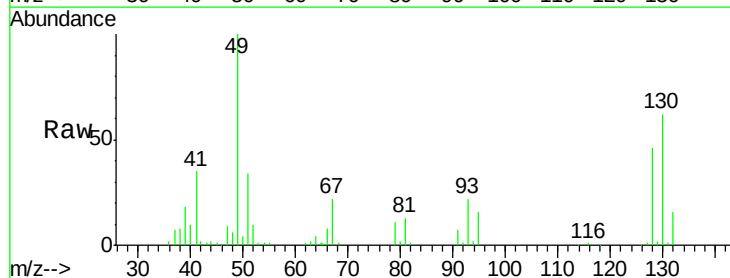
MMDadoda
4/3/2019 11:32:47 AM

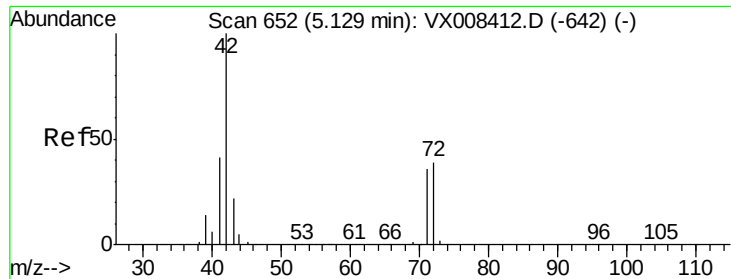


#28

Bromochloromethane
Concen: 18.635 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	41045		
129	1.9	0.0	3.4	
130	61.2	49.8	74.6	





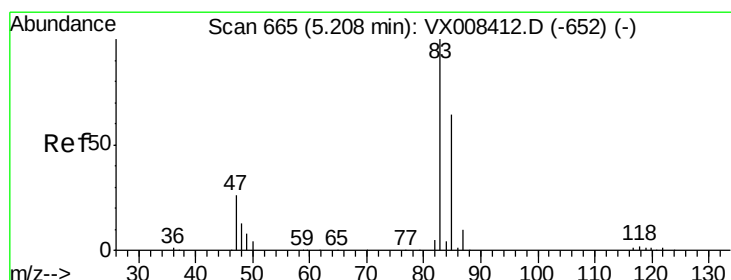
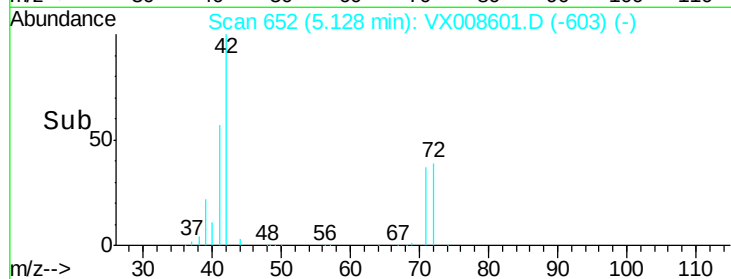
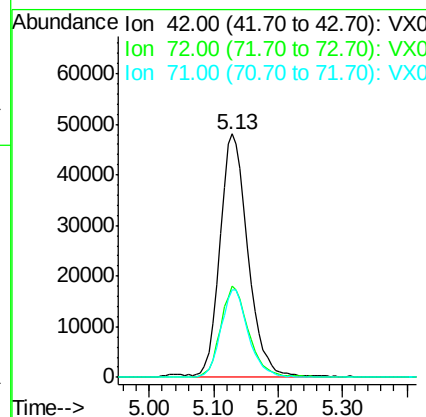
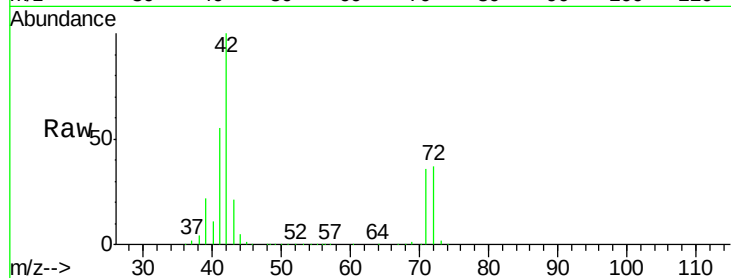
#29
Tetrahydrofuran
Concen: 99.010 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.4	47.2
71	35.8	29.4	44.2

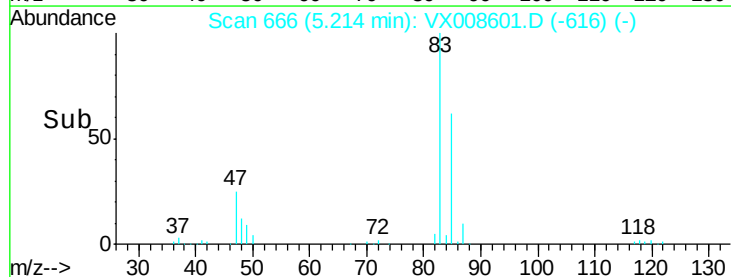
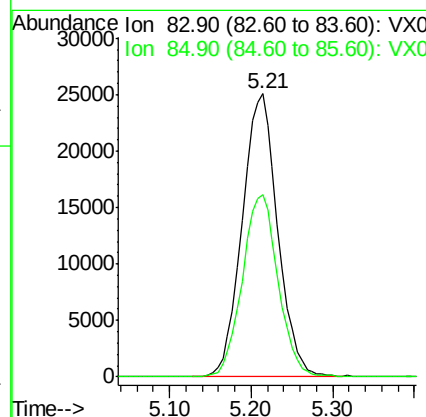
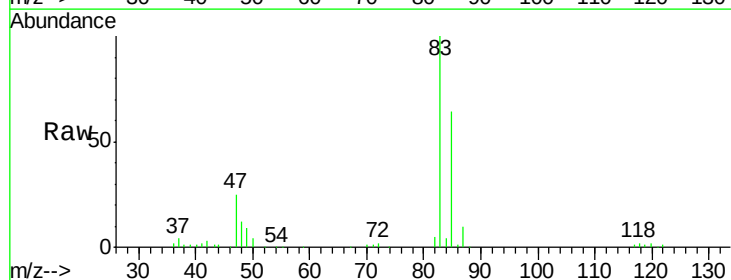
Manual Integrations
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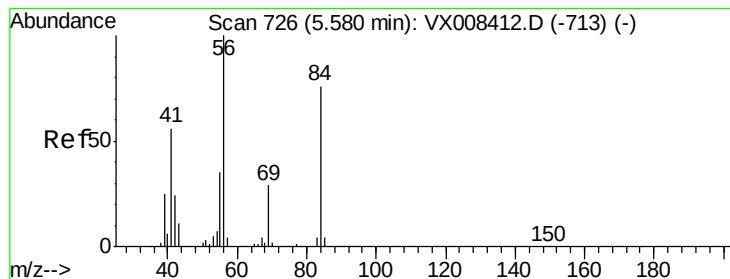
MMDadoda
4/3/2019 11:32:47 AM



#30
Chloroform
Concen: 18.775 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2





#31

Cyclohexane

Concen: 17.919 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

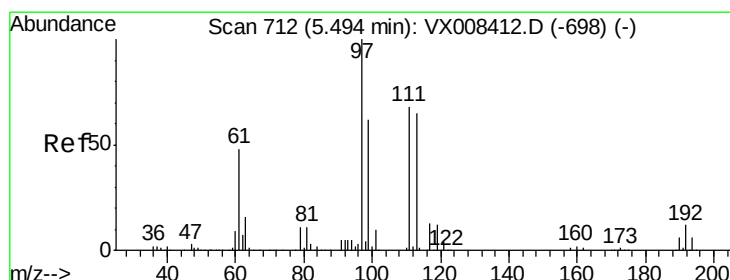
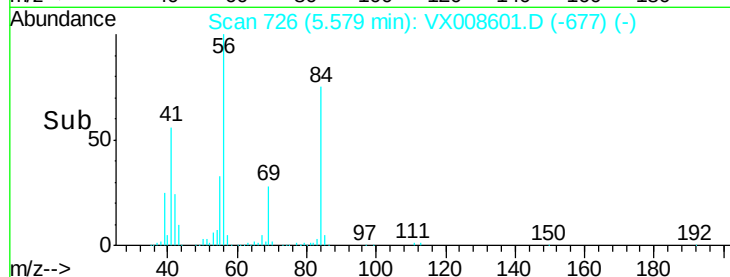
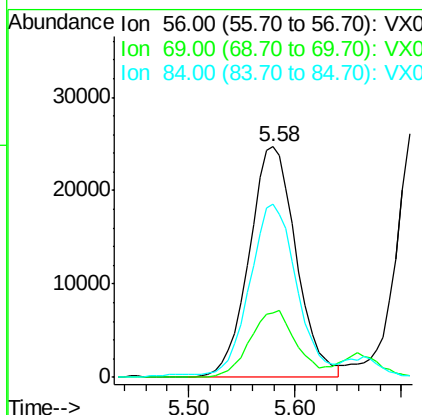
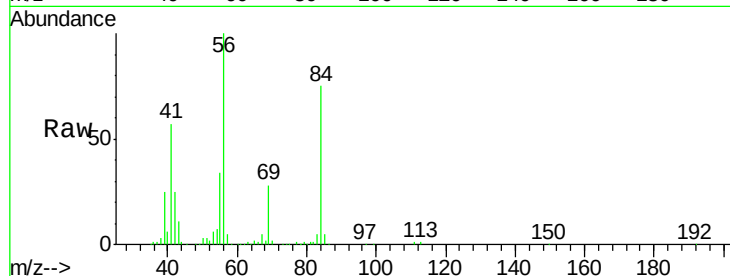
ClientSampleId :

VX0402WBSD03

Tot Ion:	56	Resp:	76190
Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.2	34.8
84	73.5	60.7	91.1

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#32

1,1,1-Trichloroethane

Concen: 18.685 ug/l

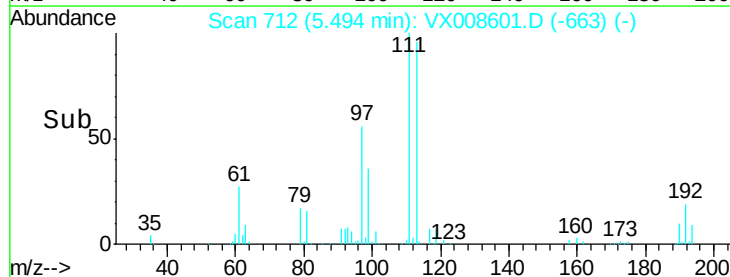
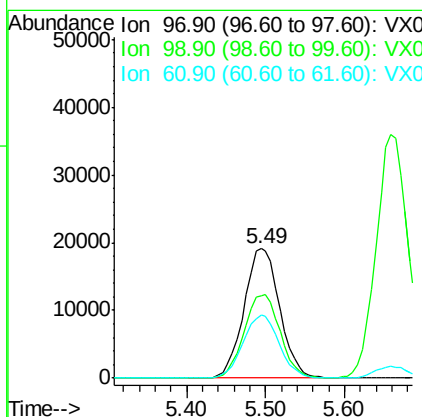
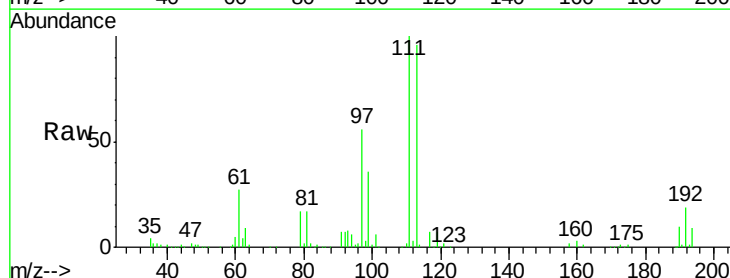
RT: 5.49 min Scan# 712

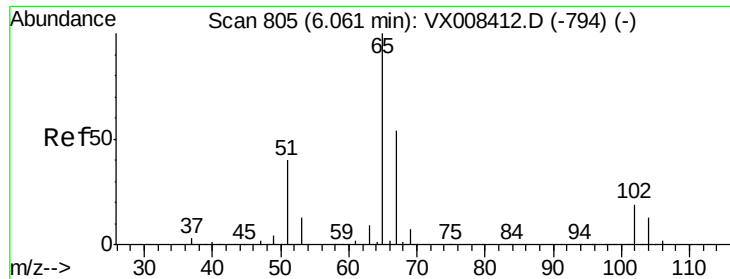
Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion:	97	Resp:	60090
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.5	77.3
61	49.5	38.8	58.2





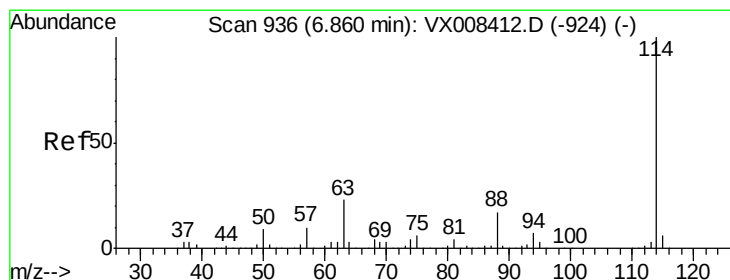
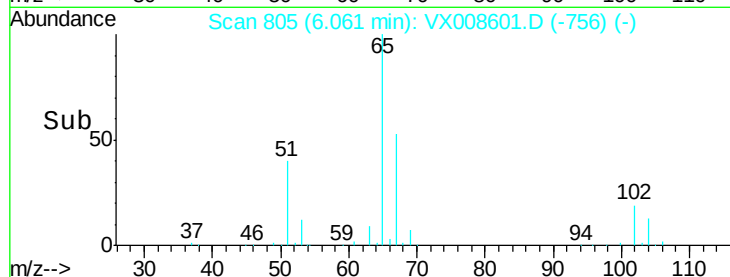
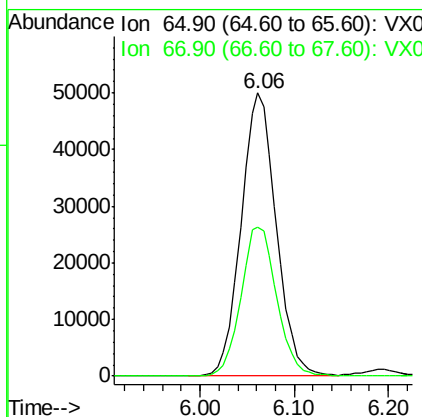
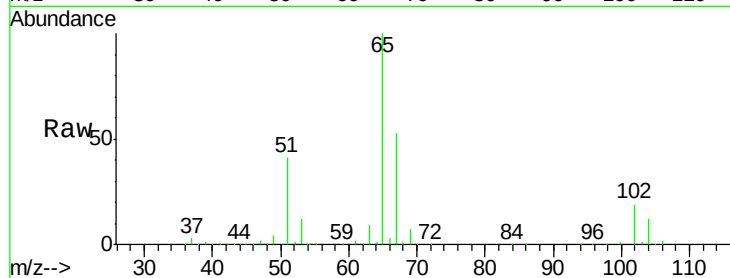
#33
 1,2-Dichloroethane-d4
 Concen: 49.083 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.4

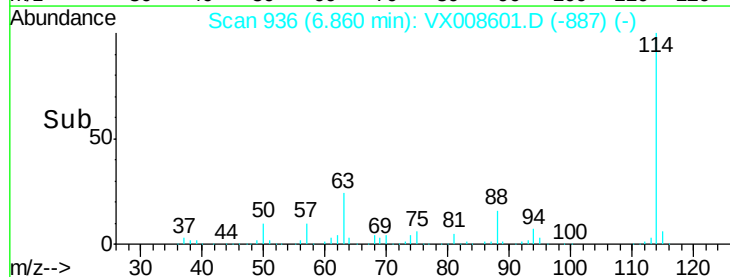
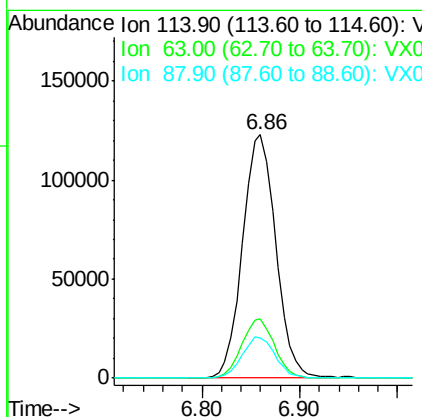
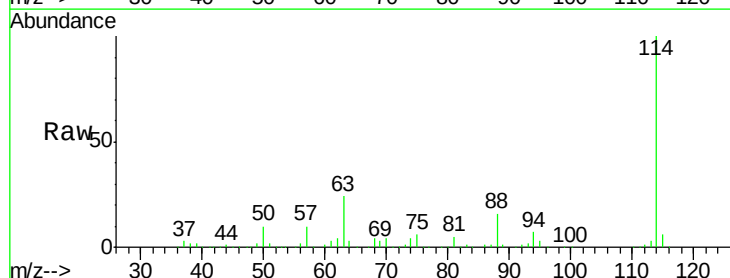
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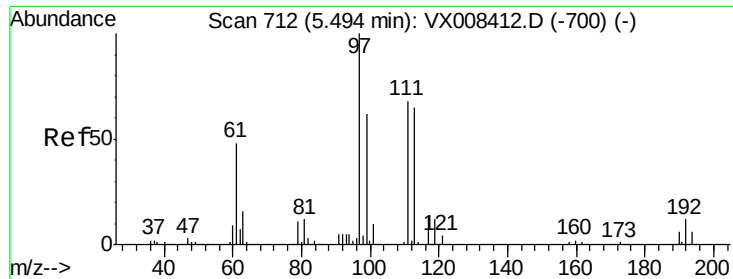
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 4/3/2019 11:32:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.4
88	16.5	0.0	33.2





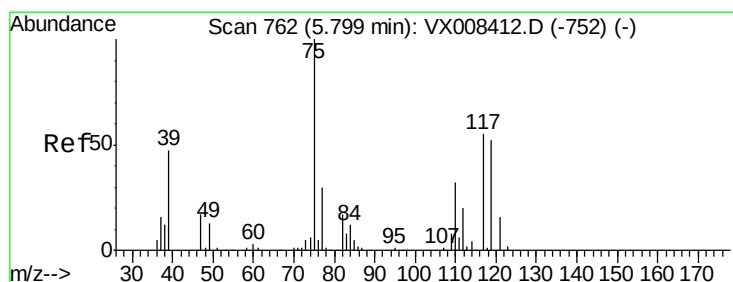
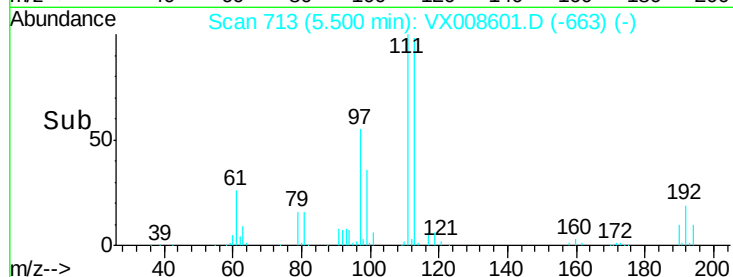
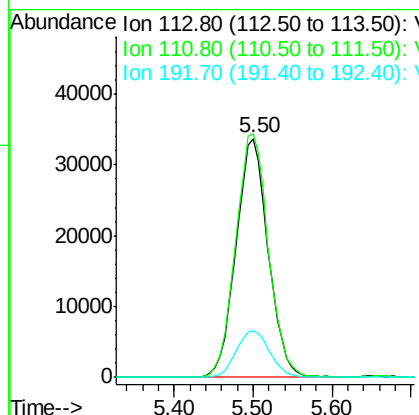
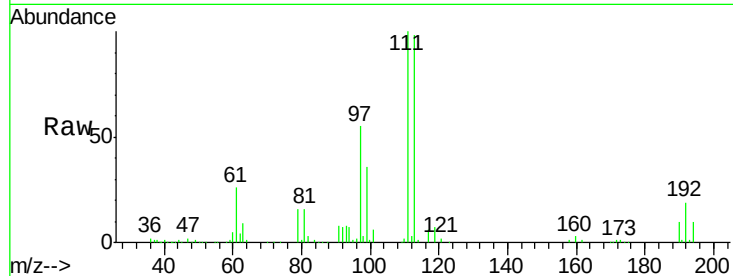
#35
Dibromofluoromethane
Concen: 50.476 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	20.3	15.6	23.4

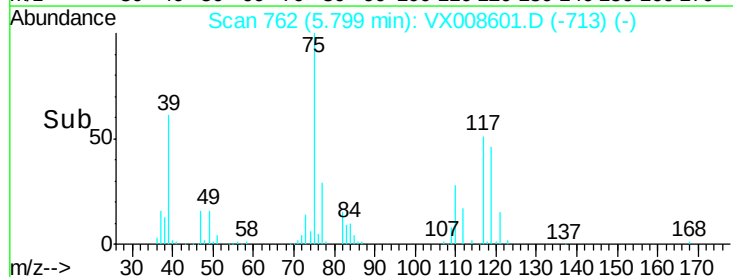
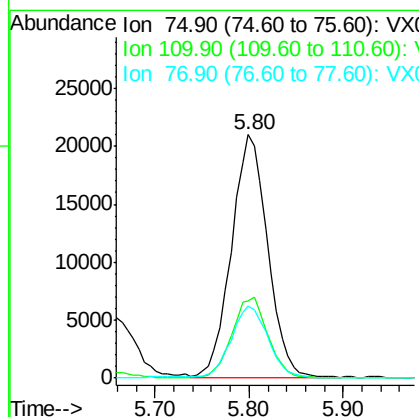
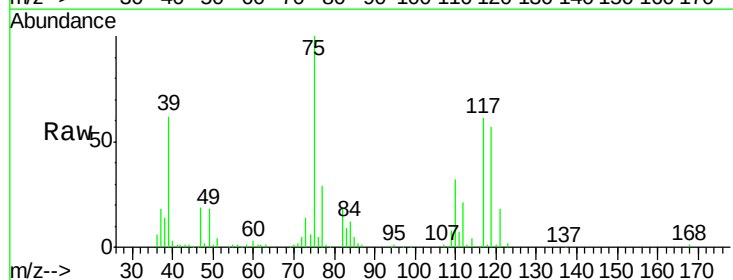
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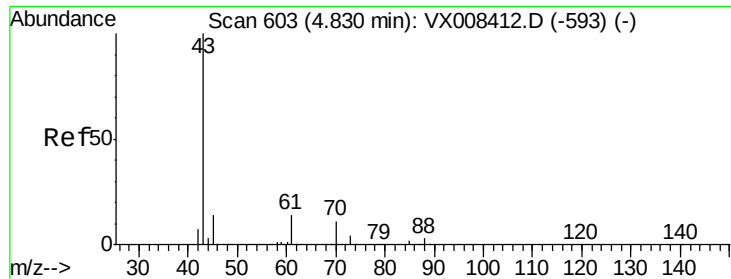
MMDadoda
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#36
1,1-Dichloropropene
Concen: 18.039 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.6	49.7
77	30.5	24.2	36.2





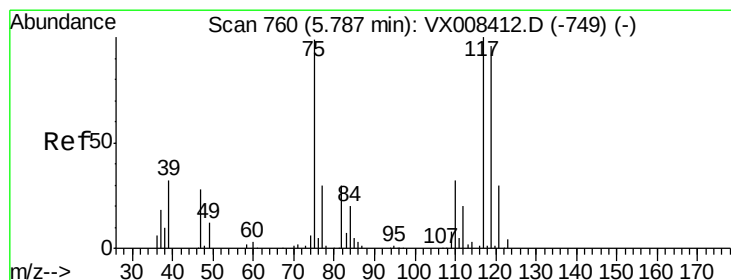
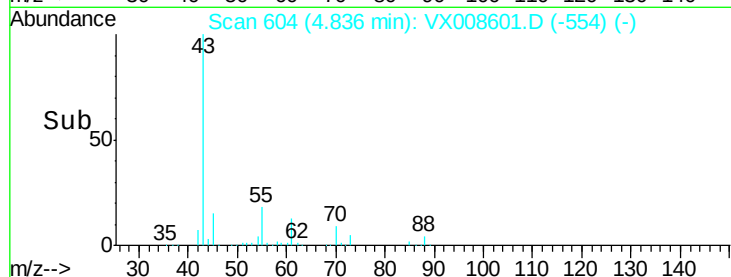
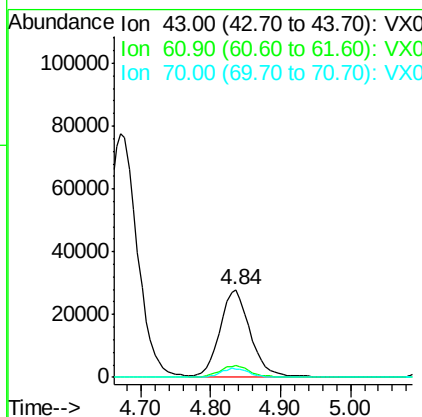
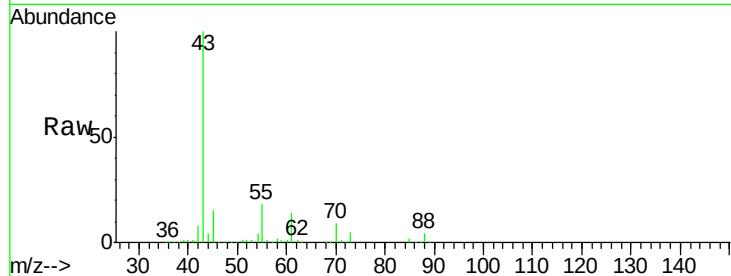
#37
Ethyl Acetate
Concen: 20.681 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	9.8	7.8	11.8

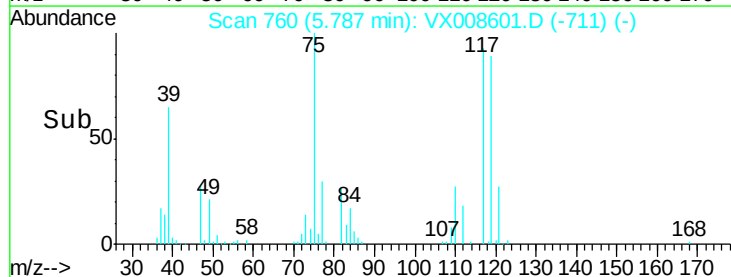
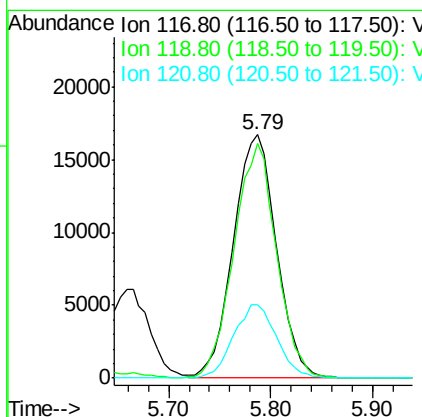
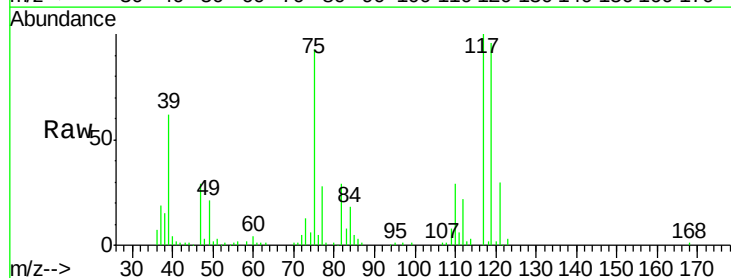
Manual Integrations
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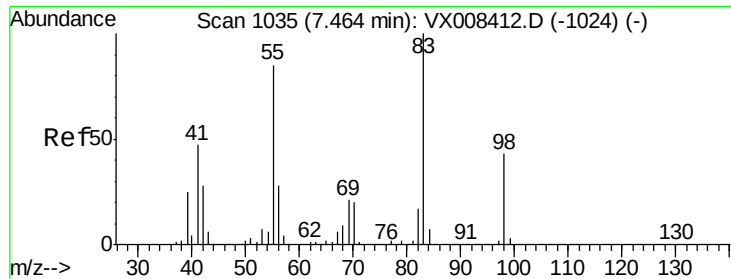
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#38
Carbon Tetrachloride
Concen: 18.967 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
121	30.1	24.3	36.5





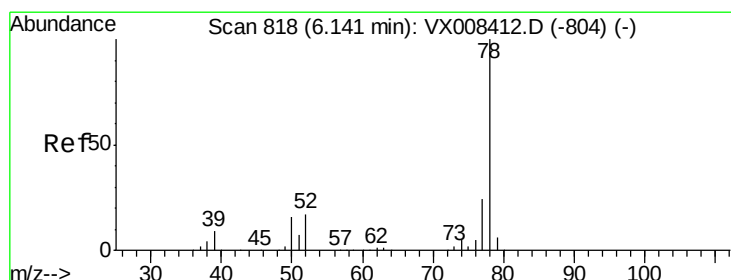
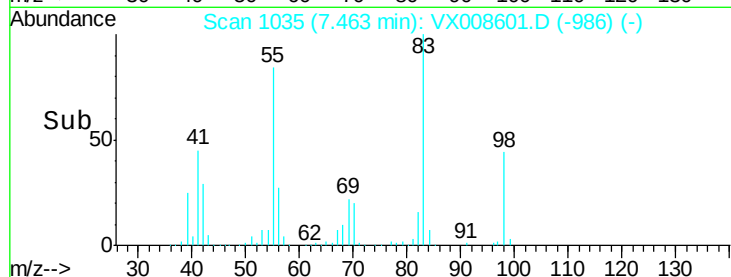
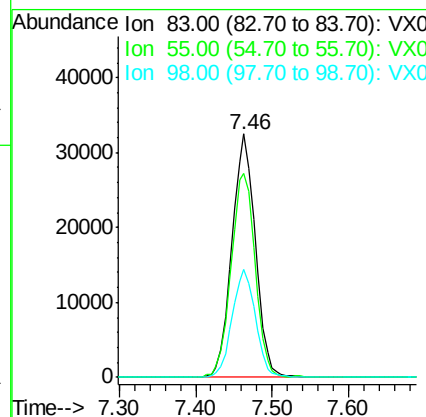
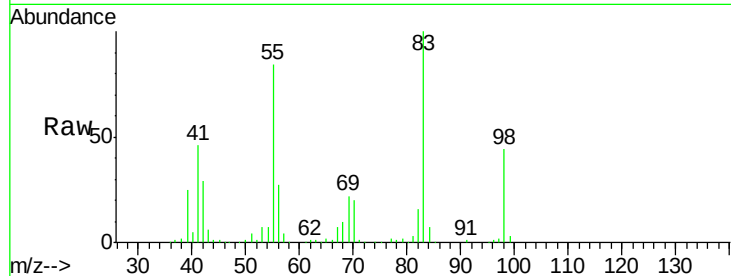
#39
Methylvlcyclohexane
Concen: 18.578 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	83	Resp	68913
Ion Ratio	Lower	Upper	
83	100		
55	84.0	68.2	102.4
98	44.4	34.2	51.4

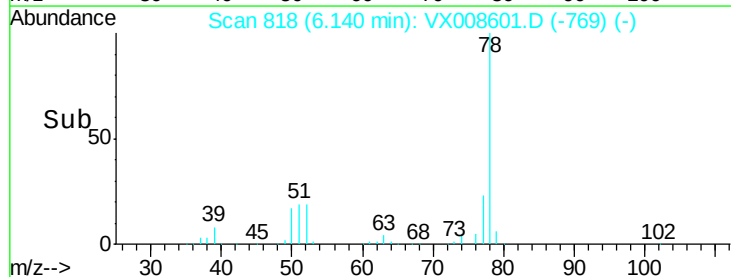
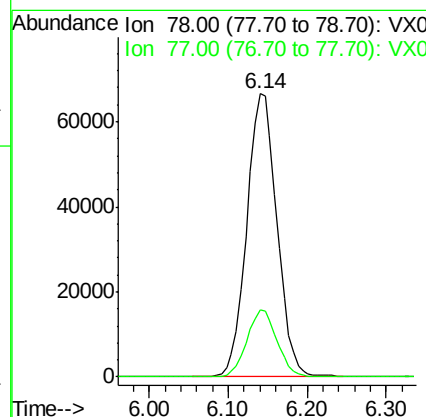
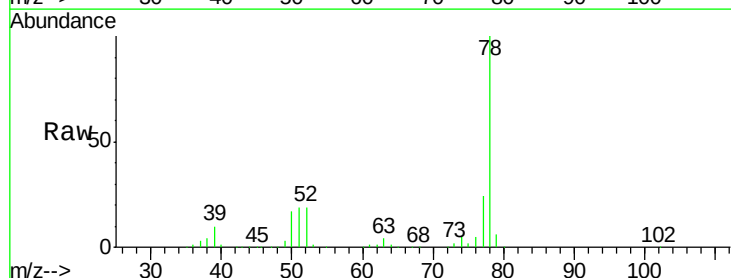
Manual Integrations
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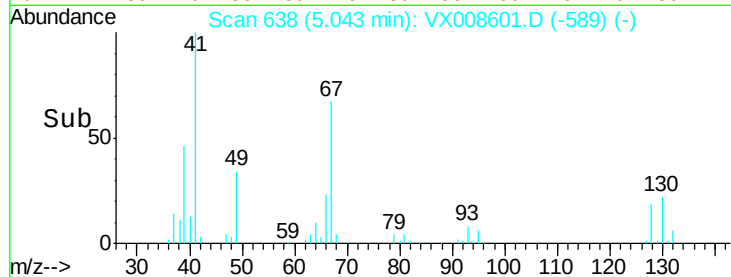
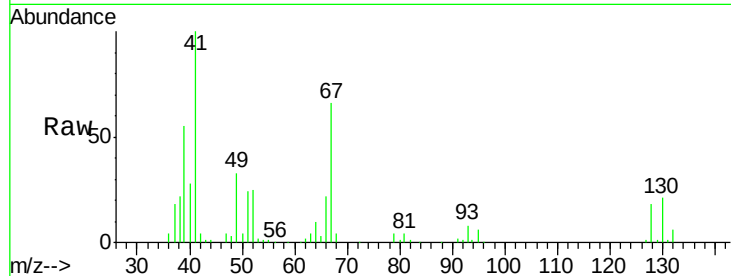
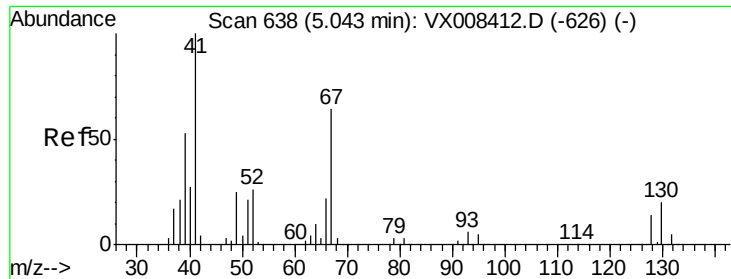
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4/3/2019 11:32:47 AM



#40
Benzene
Concen: 19.082 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	78	Resp	177318
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.3	28.9





#41

Methacrylonitrile

Concen: 20.345 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tot Ion:	41	Resp:	45974
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.6	64.0
67	65.8	52.2	78.4
52	27.9	21.4	32.0

Instrument :

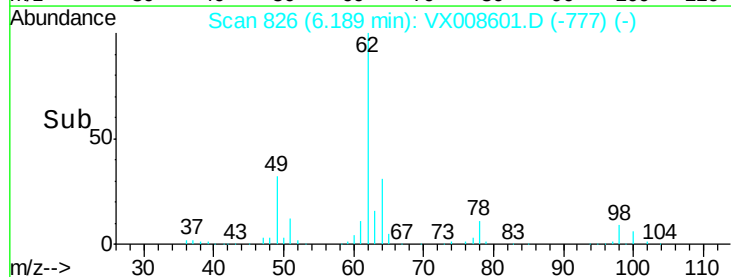
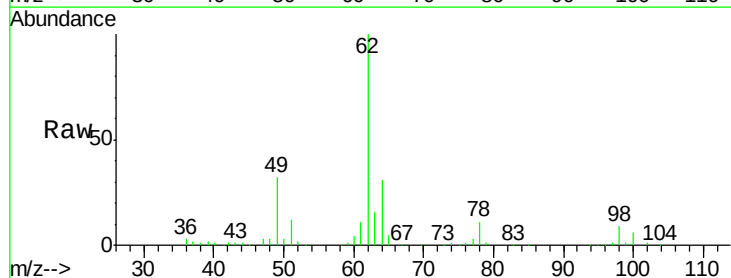
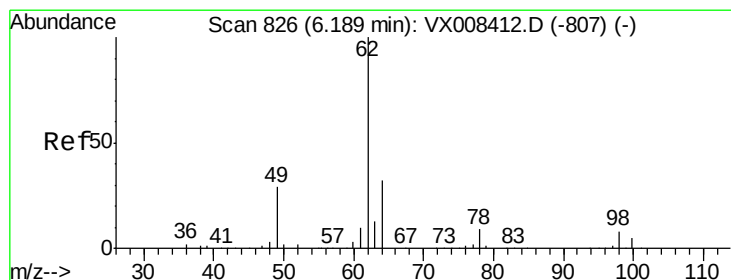
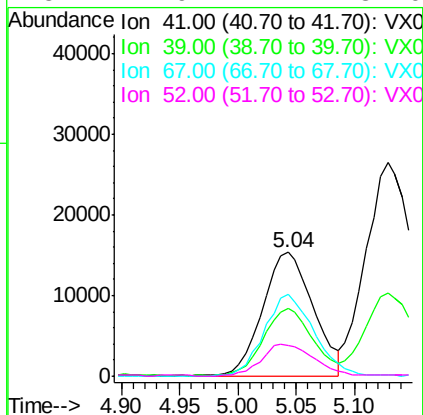
MSVOA_X

ClientSampleId :

VX0402WBSD03

Manual Integrations
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4/3/2019 11:32:47 AM



#42

1,2-Dichloroethane

Concen: 18.802 ug/l

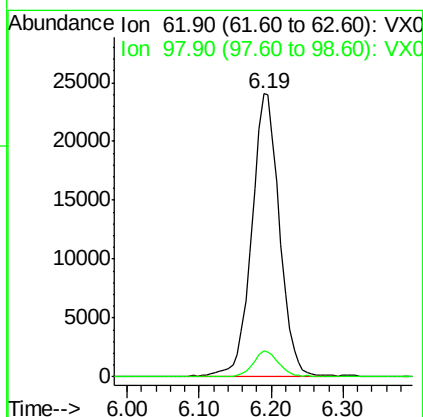
RT: 6.19 min Scan# 826

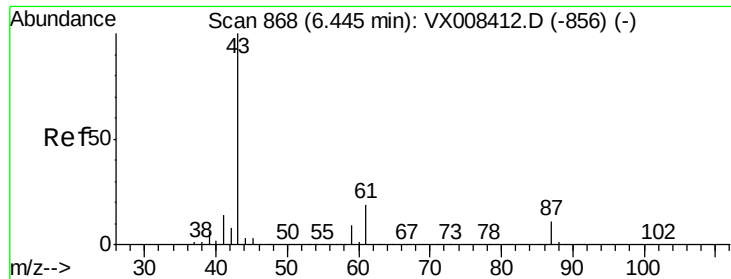
Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion:	62	Resp:	63969
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

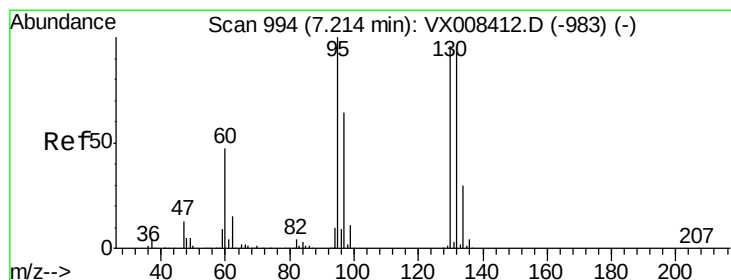
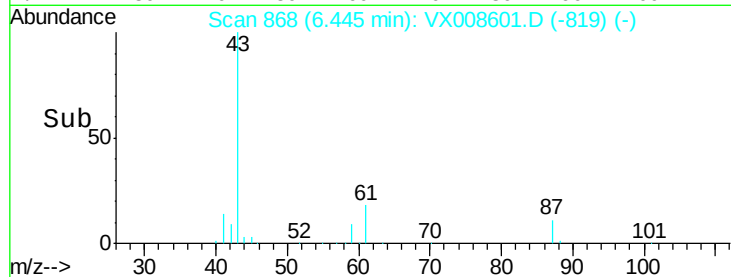
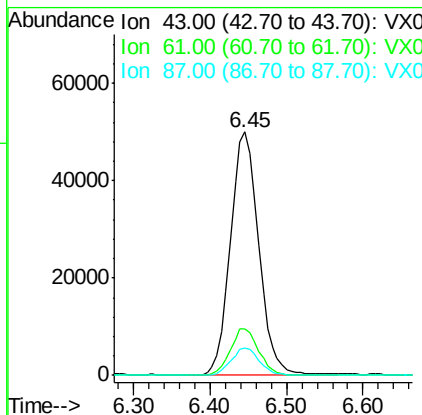
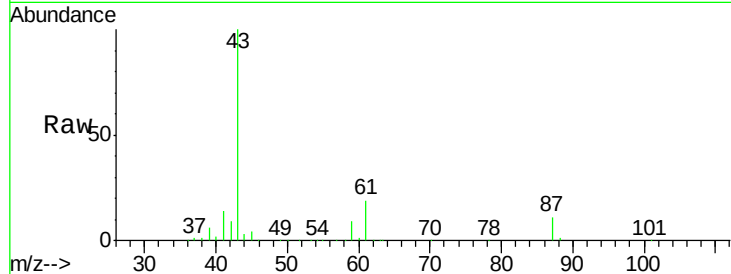
Isopropyl Acetate
 Concen: 19.883 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	43	61	87
Resp	127882		
Ratio	100	19.5	11.3
Lower		15.4	9.1
Upper		23.2	13.7

Manual Integrations
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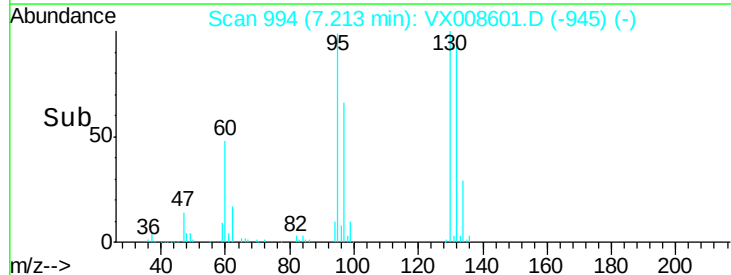
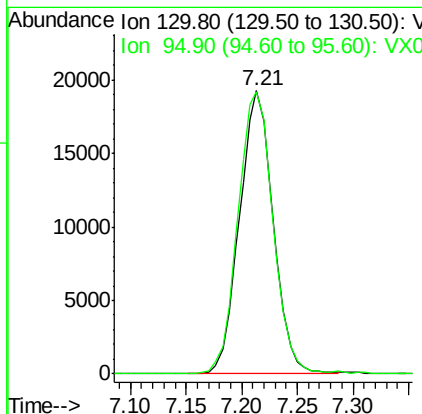
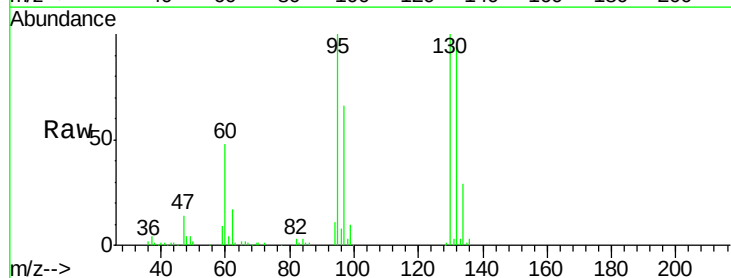
MMDadoda
 4/3/2019 11:32:47 AM

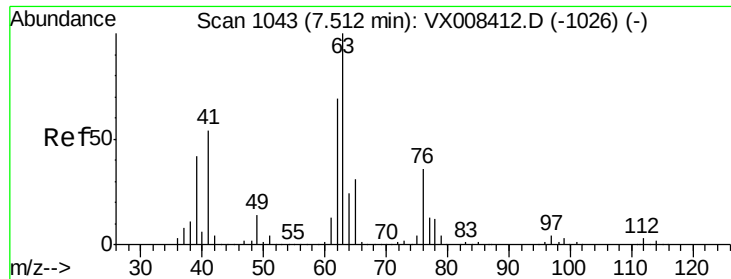


#44

Trichloroethene
 Concen: 18.550 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	130	95
Resp	40472	
Ratio	100	99.7
Lower		0.0
Upper		208.8





#45

1,2-Dichloropropane

Concen: 19.192 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampled :

VX0402WBSD03

Tot Ion: 63 Resp: 50691

Ion Ratio Lower Upper

63 100

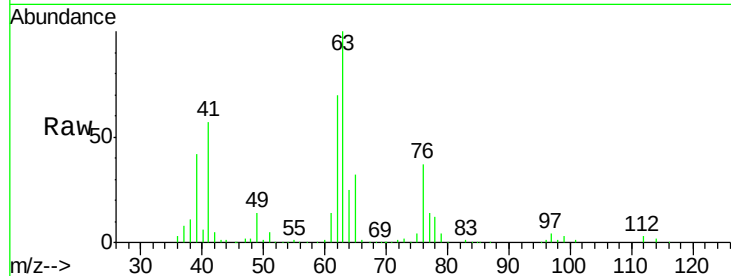
65 31.9 25.1 37.7

Manual Integrations

APPROVED

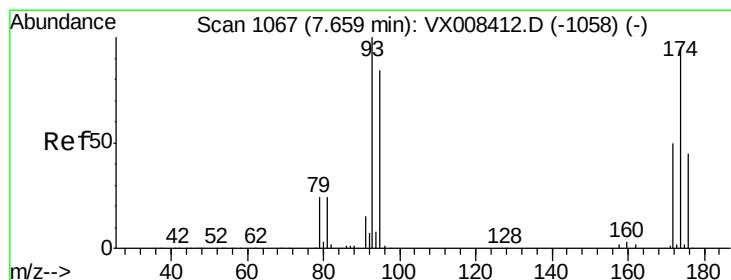
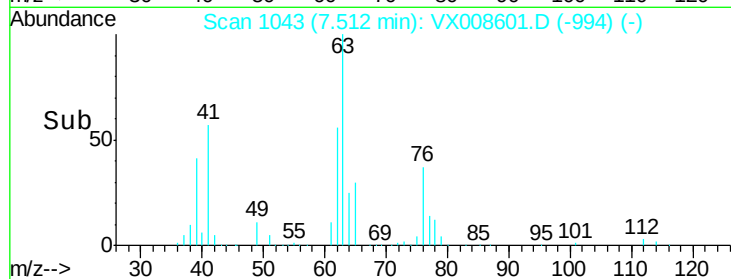
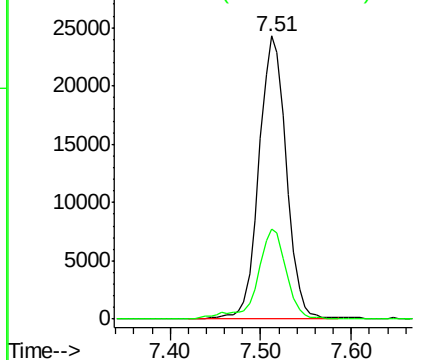
MMDadoda

4/3/2019 11:32:47 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.675 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

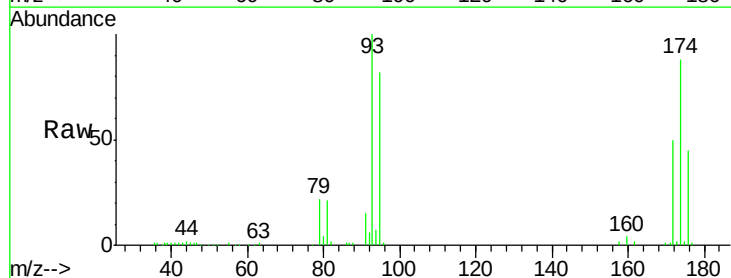
Tgt Ion: 93 Resp: 28804

Ion Ratio Lower Upper

93 100

95 84.9 67.0 100.6

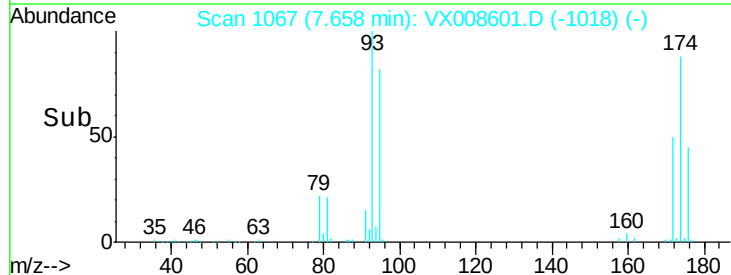
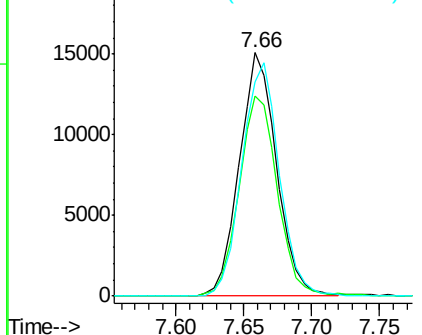
174 96.7 76.0 114.0

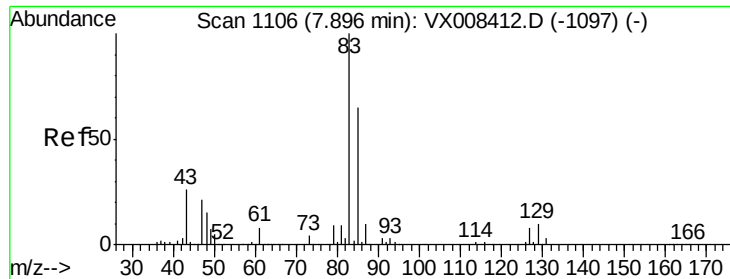


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





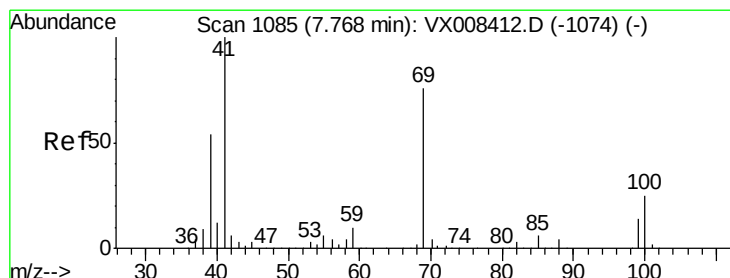
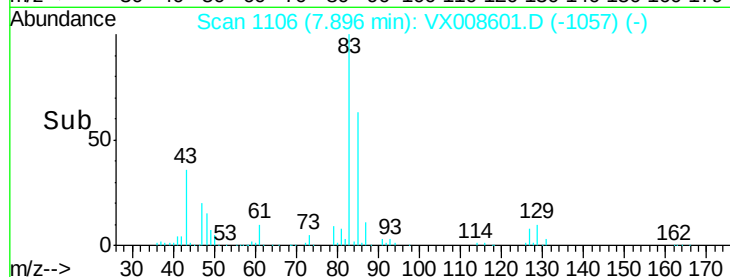
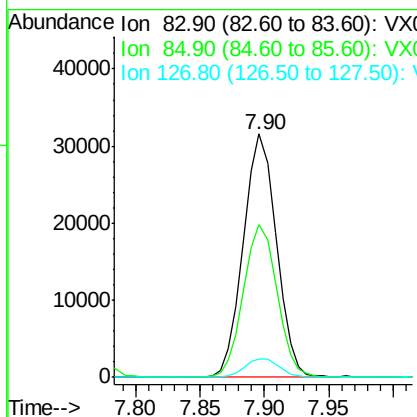
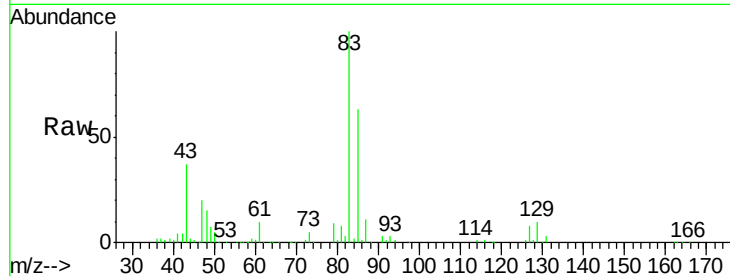
#47
Bromodichloromethane
Concen: 19.088 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	83	Resp	56352
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	52.0	78.0
127	7.8	6.4	9.6

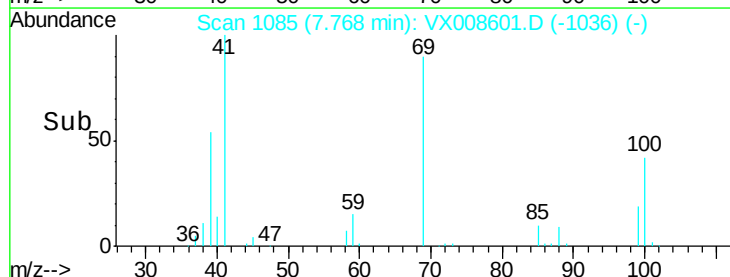
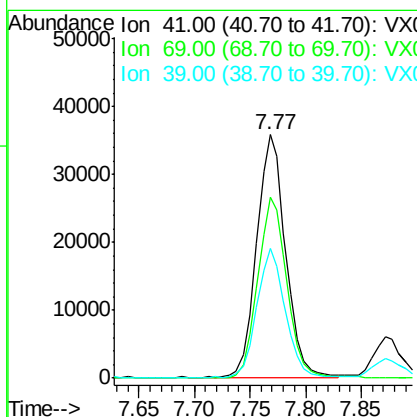
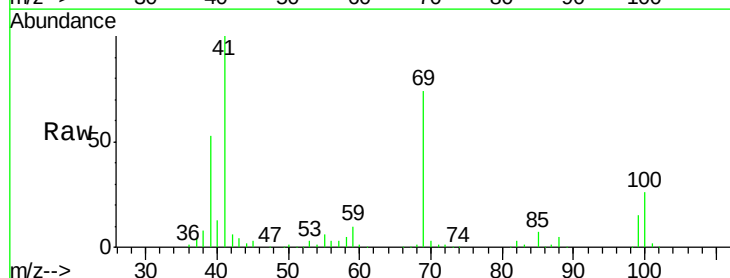
Manual Integrations
APPROVED

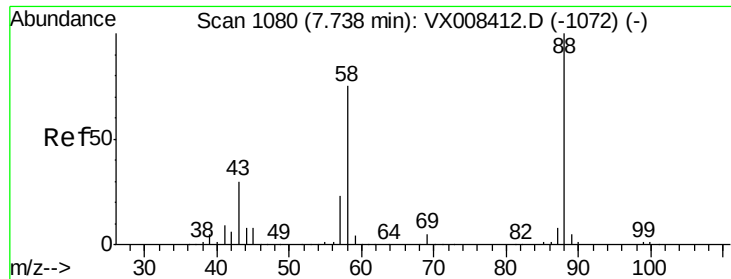
MMDadoda
4/3/2019 11:32:47 AM



#48
Methyl methacrylate
Concen: 20.170 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	41	Resp	64909
Ion Ratio	100	Lower	Upper
41	100		
69	75.4	60.8	91.2
39	52.2	42.3	63.5





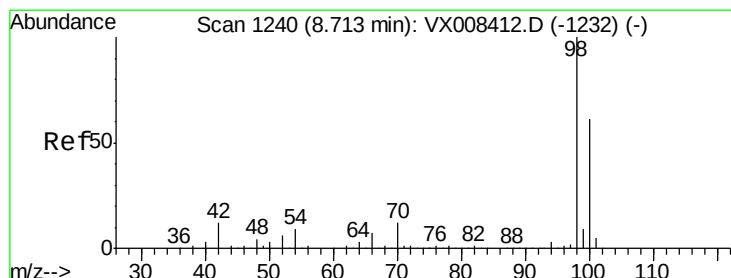
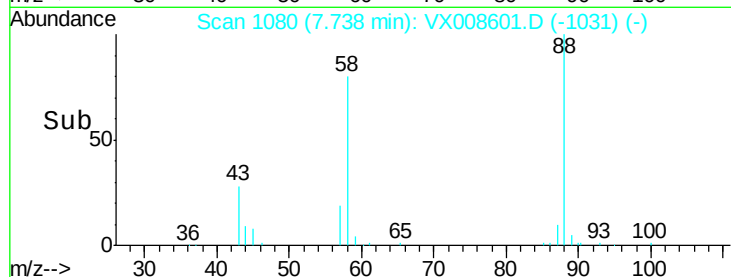
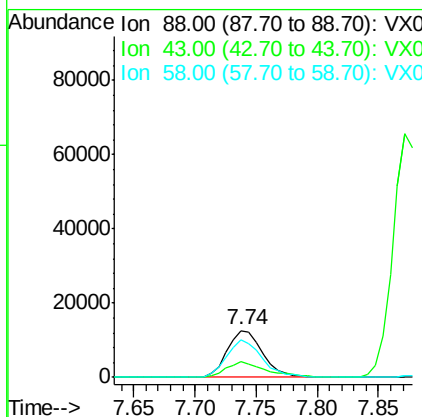
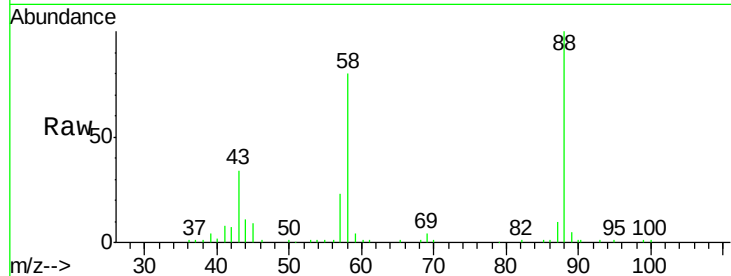
#49
1,4-Dioxane
Concen: 399.061 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.6	43.0
58	80.2	63.0	94.4

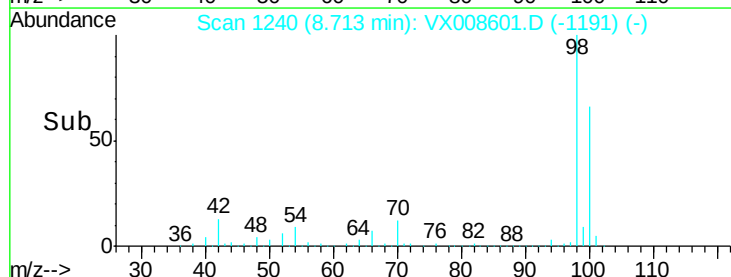
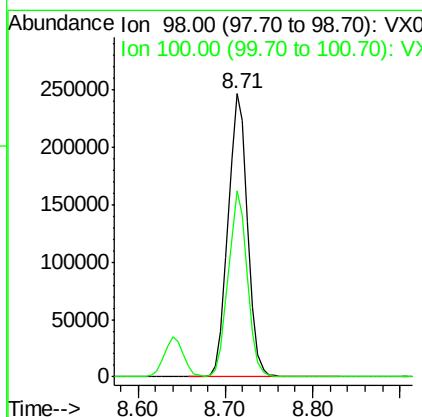
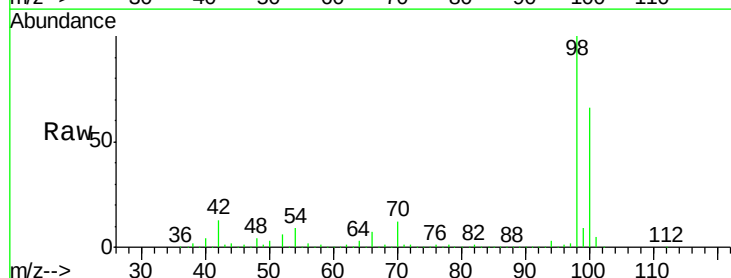
Manual Integrations
APPROVED

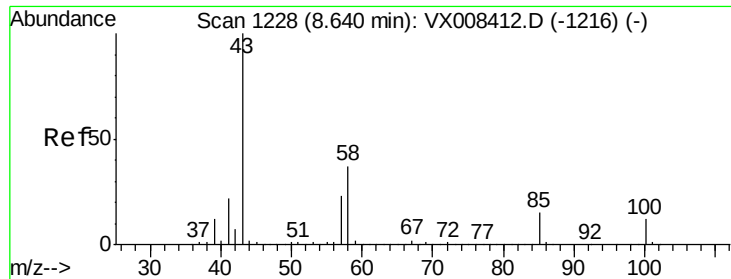
MMDadoda
4/3/2019 11:32:47 AM



#50
Toluene-d8
Concen: 50.183 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 104.080 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 43 Resp: 434785

Ion Ratio Lower Upper

43 100

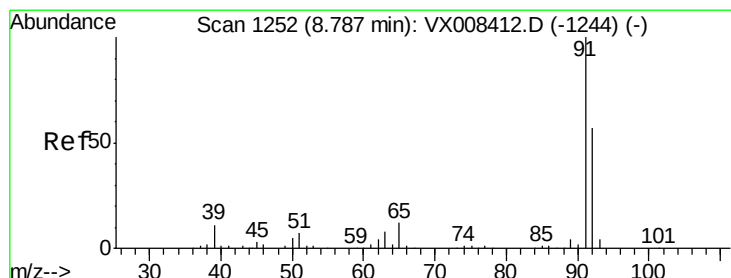
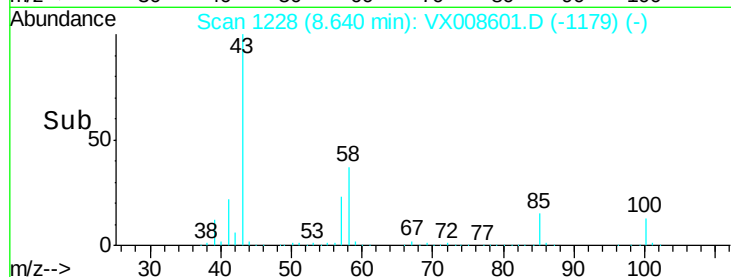
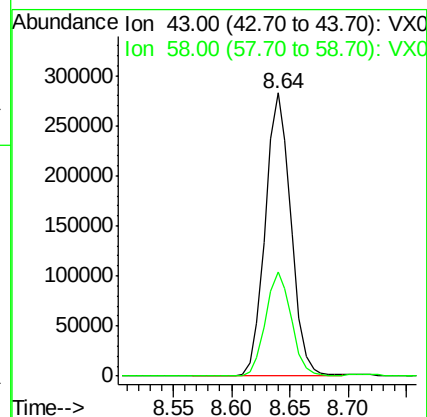
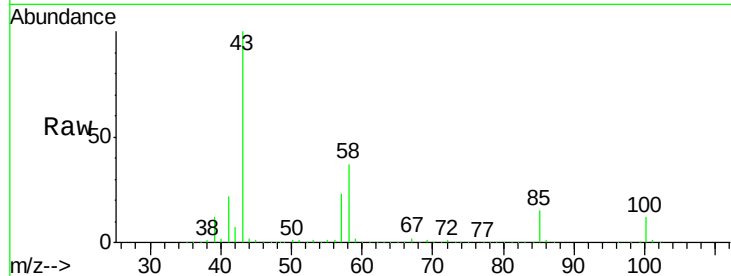
58 36.9 29.8 44.8

Manual Integrations

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MMDadoda

4/3/2019 11:32:47 AM



#52

Toluene

Concen: 19.366 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008601.D

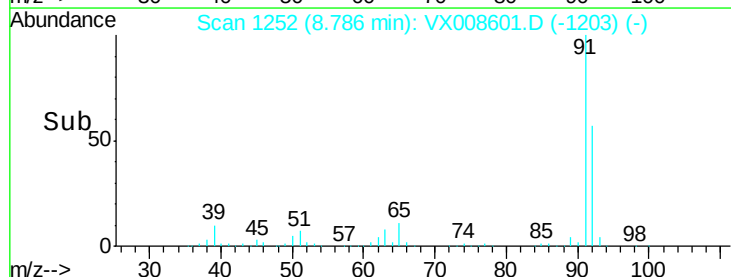
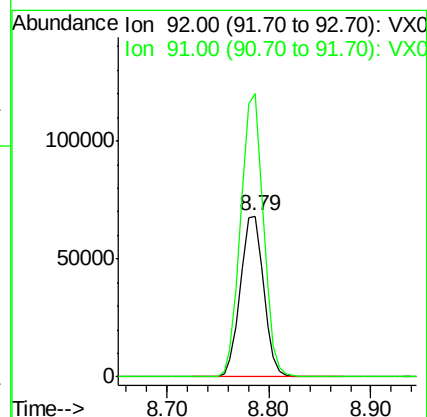
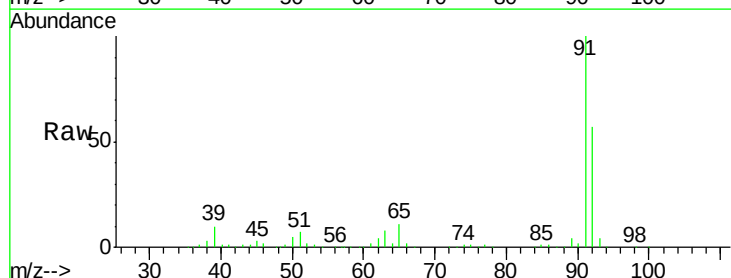
Acq: 02 Apr 2019 19:25

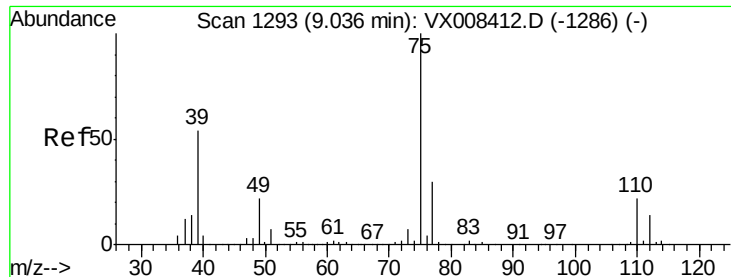
Tgt Ion: 92 Resp: 107598

Ion Ratio Lower Upper

92 100

91 171.3 140.2 210.4





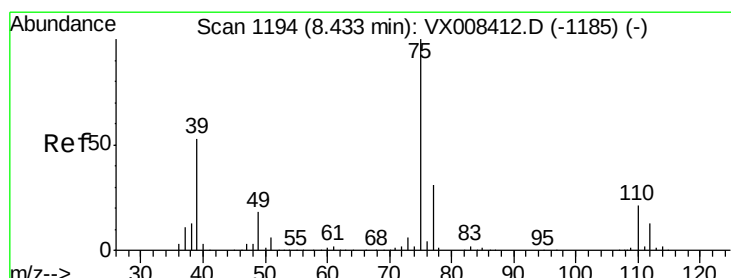
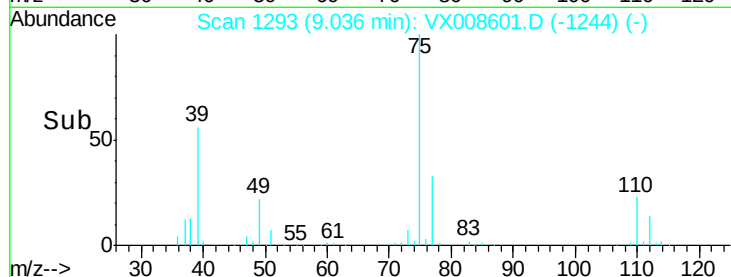
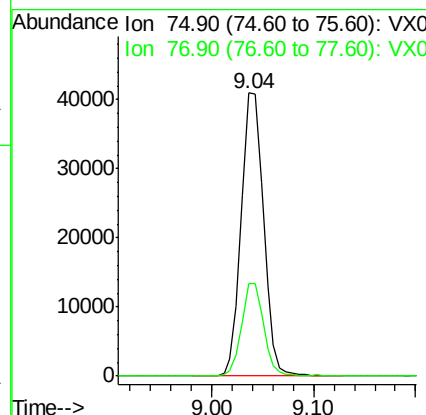
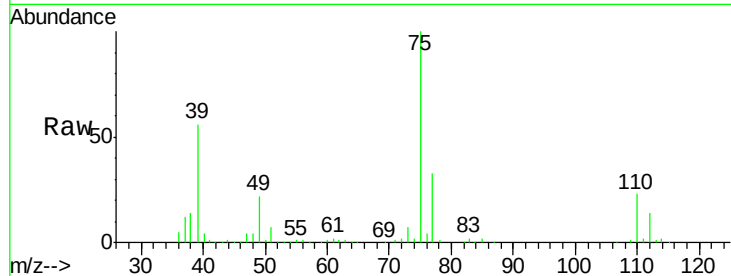
#53
t-1,3-Dichloropropene
Concen: 19.271 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.3	36.5

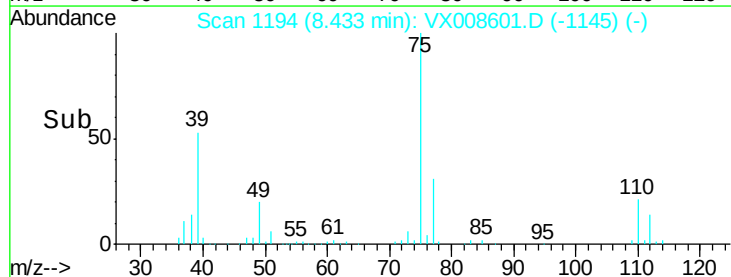
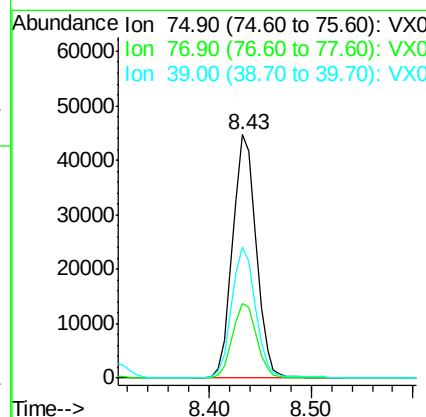
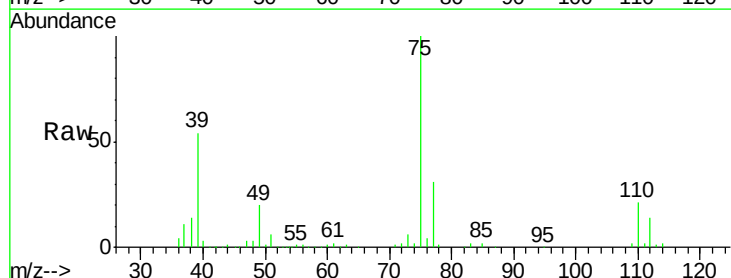
Manual Integrations
APPROVED

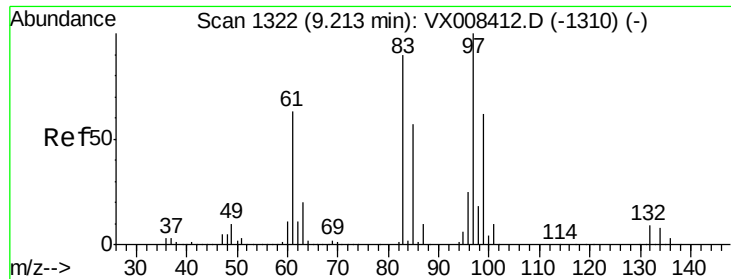
MMDadoda
4/3/2019 11:32:47 AM



#54
cis-1,3-Dichloropropene
Concen: 19.389 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1
39	53.4	42.4	63.6





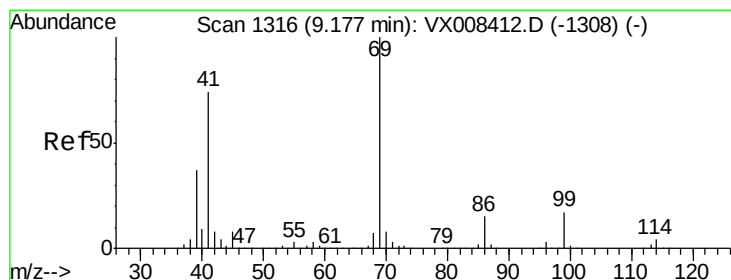
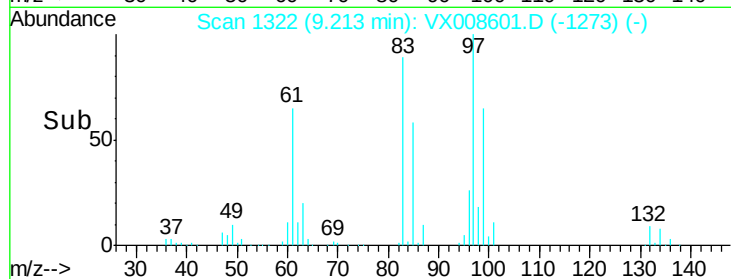
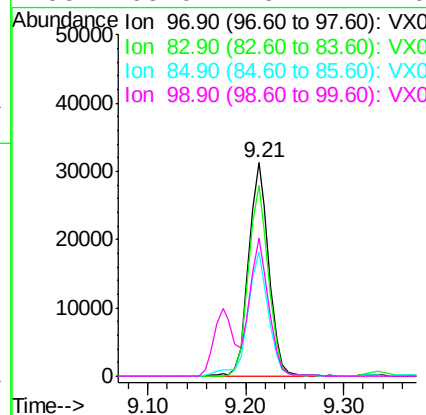
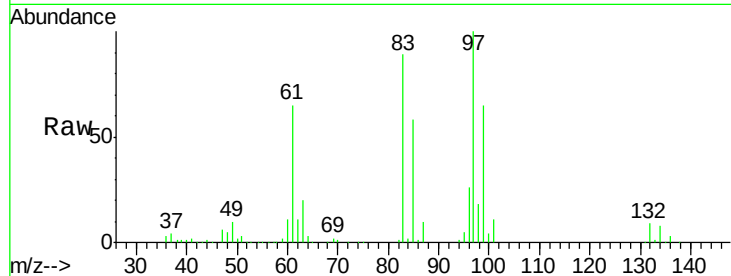
#55
1,1,2-Trichloroethane
Concen: 19.779 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion:	97	Resp:	44734
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.8	107.6
85	57.9	45.9	68.9
99	65.0	49.4	74.0

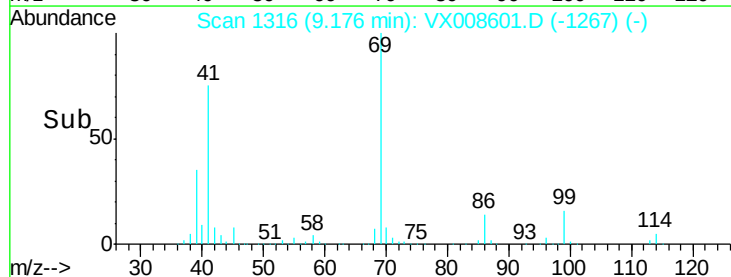
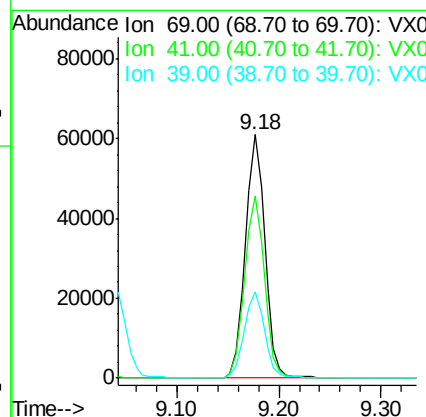
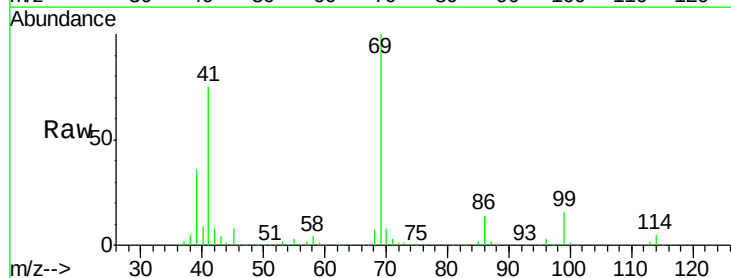
Manual Integrations
APPROVED

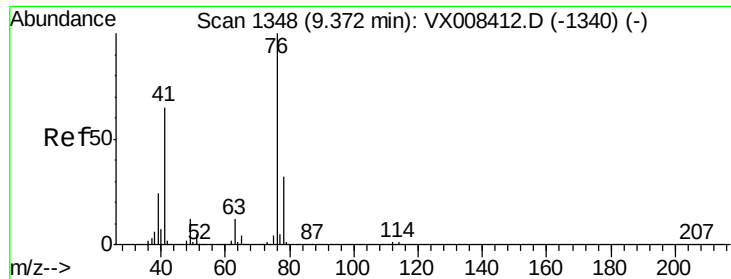
MMDadoda
4/3/2019 11:32:47 AM



#56
Ethyl methacrylate
Concen: 19.860 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion:	69	Resp:	81082
Ion	Ratio	Lower	Upper
69	100		
41	75.1	59.5	89.3
39	36.4	29.3	43.9





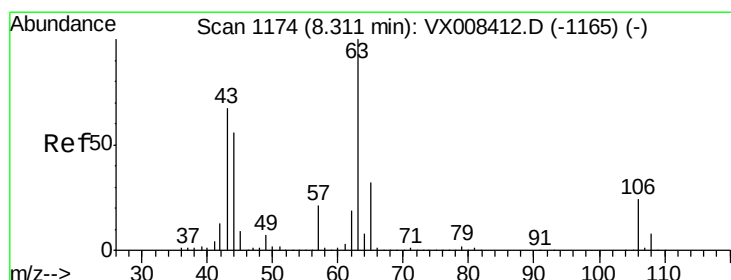
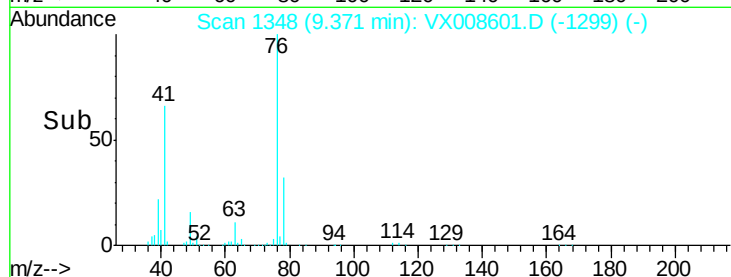
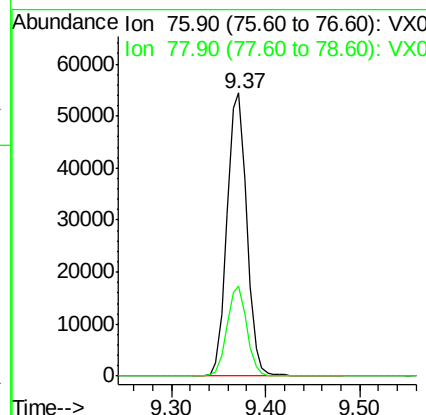
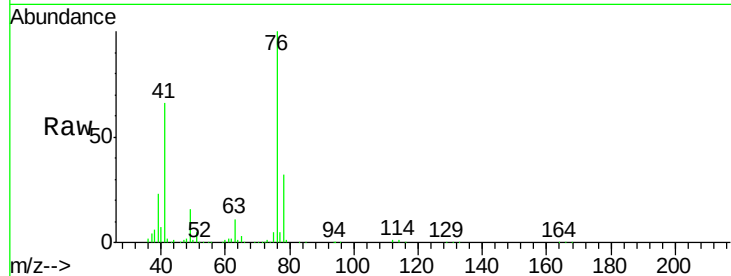
#57
 1,3-Dichloropropane
 Concen: 19.540 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion: 76 Resp: 79235
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8

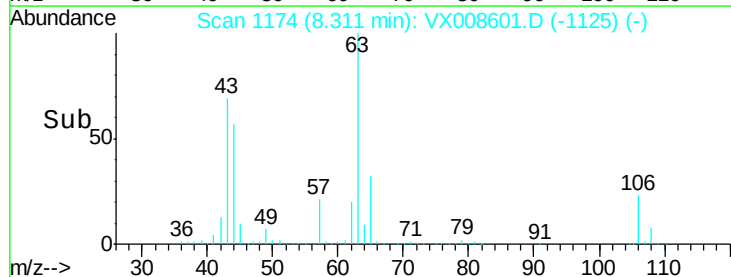
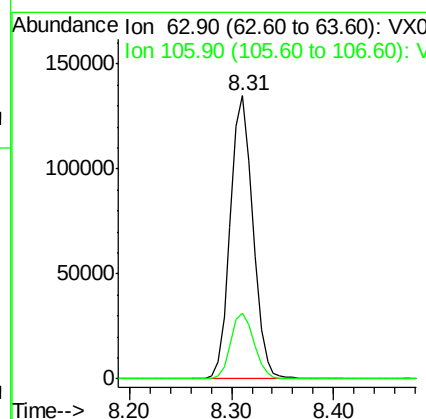
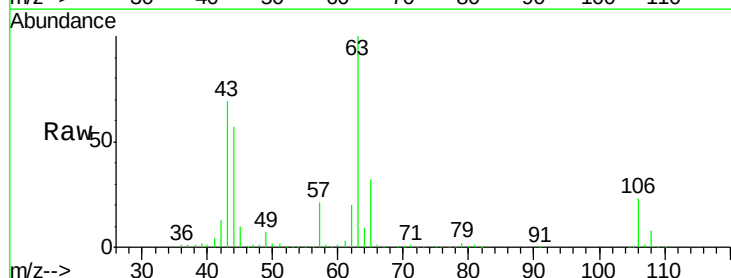
Manual Integrations
 APPROVED

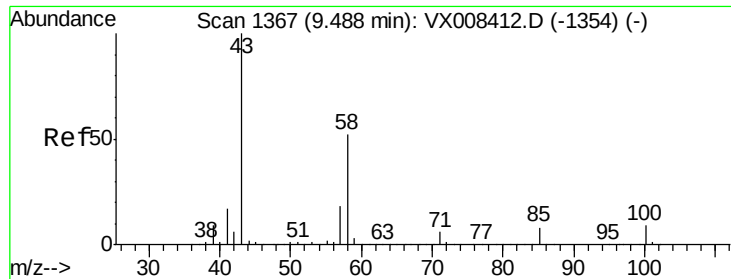
MMDadoda
 4/3/2019 11:32:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.462 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 63 Resp: 207789
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6





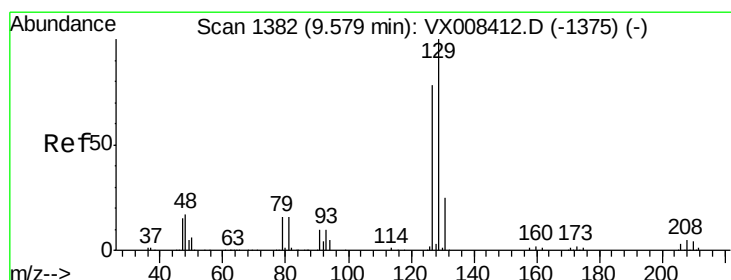
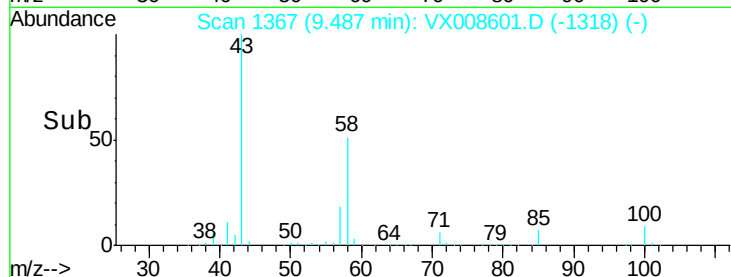
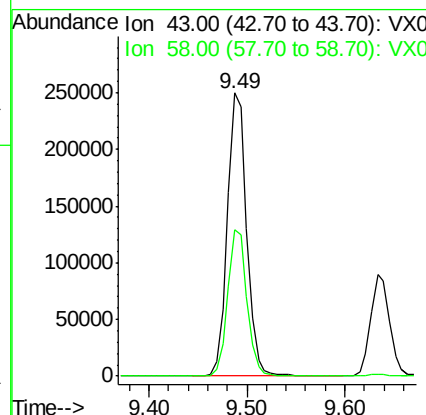
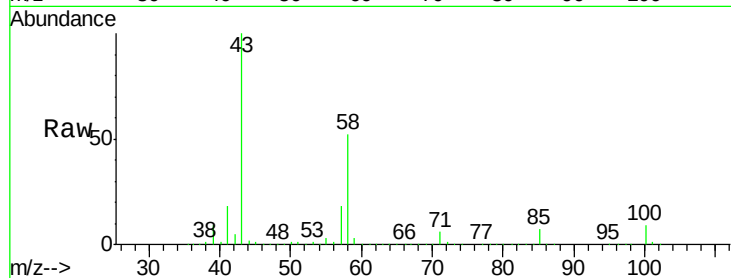
#59
2-Hexanone
Concen: 105.628 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion: 43 Resp: 341905
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9

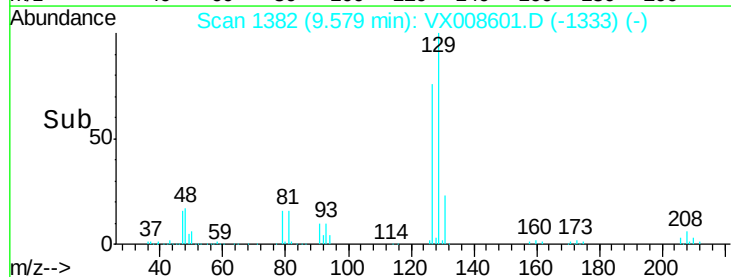
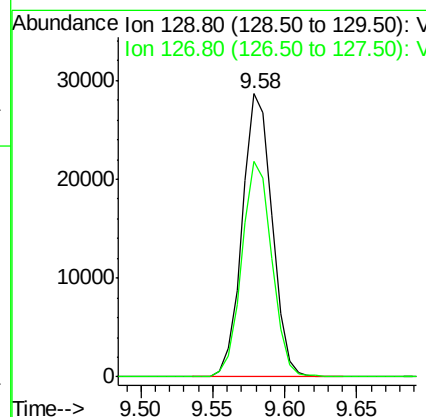
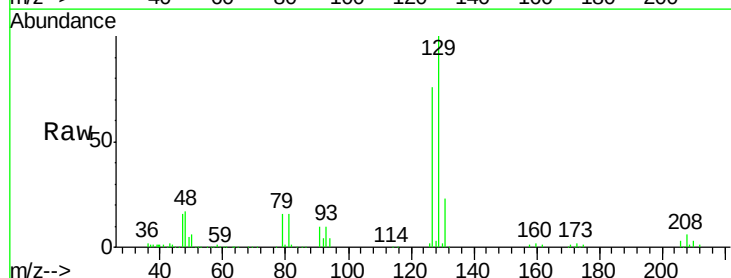
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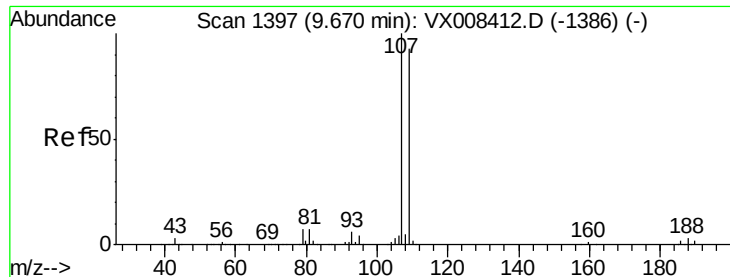
MMDadoda
4/3/2019 11:32:47 AM



#60
Dibromochloromethane
Concen: 19.164 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 129 Resp: 41221
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.578 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion:107 Resp: 45188

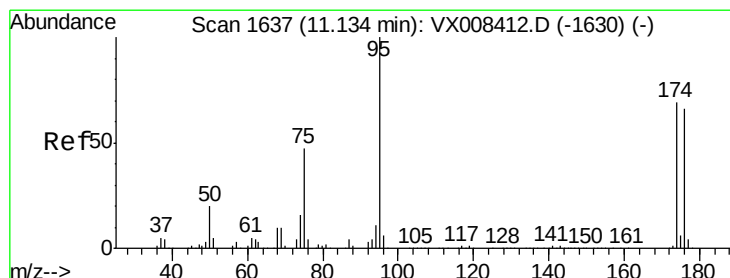
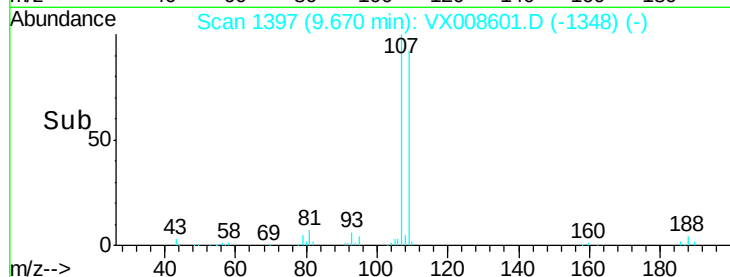
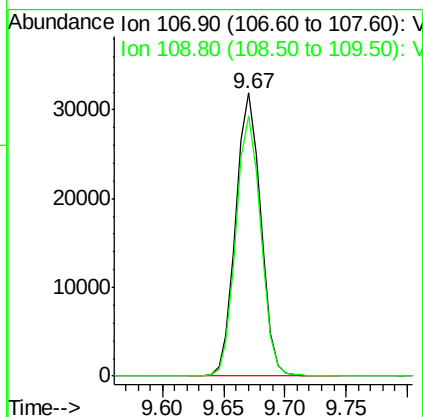
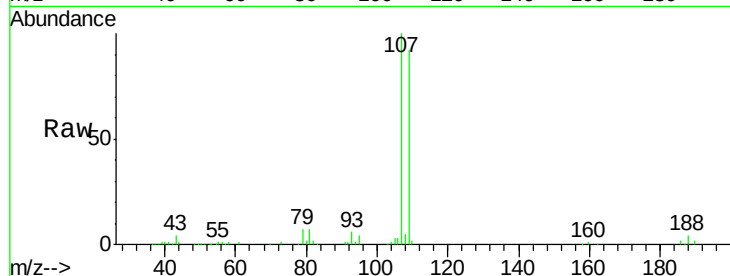
Ion Ratio Lower Upper

107 100

109 91.4 74.6 111.8

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4/3/2019 11:32:47 AM



#62

4-Bromofluorobenzene

Concen: 49.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

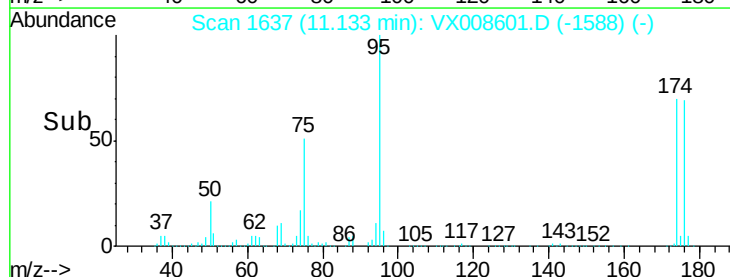
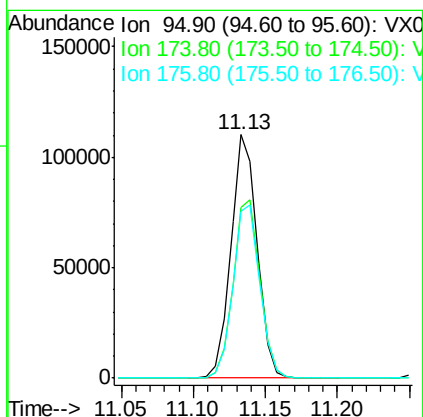
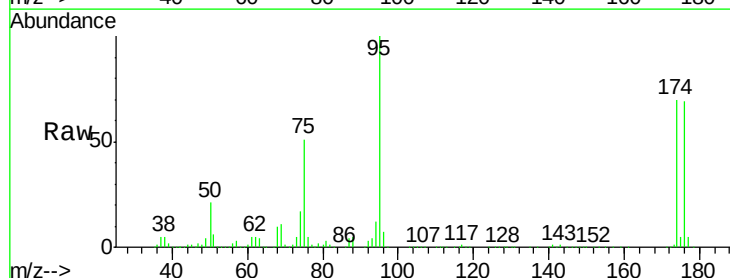
Tgt Ion: 95 Resp: 140224

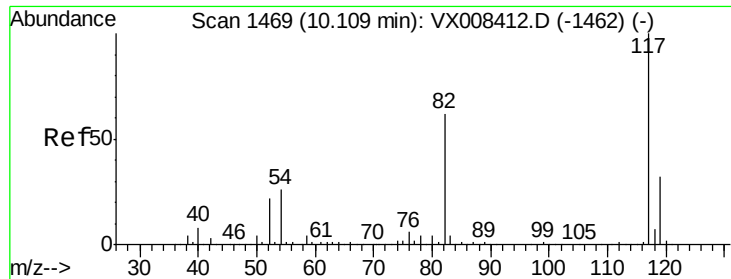
Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.2

176 72.8 0.0 142.4





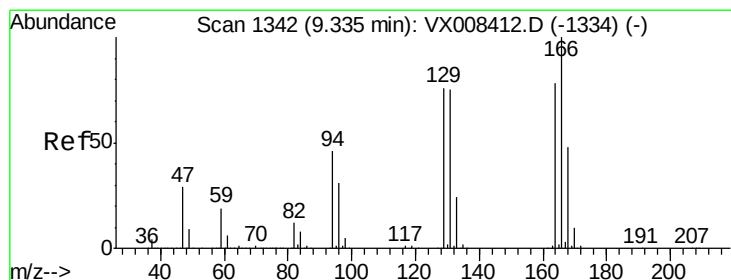
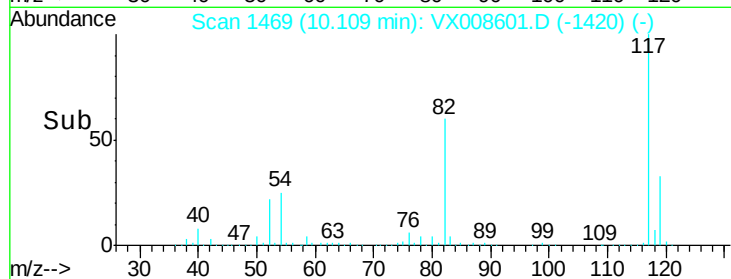
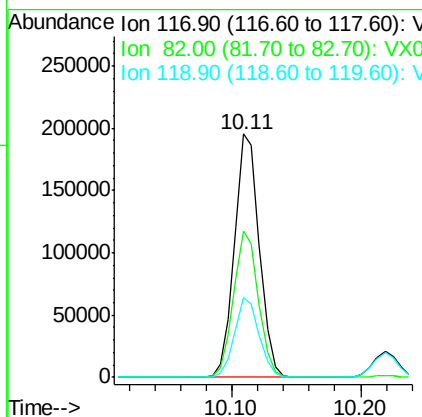
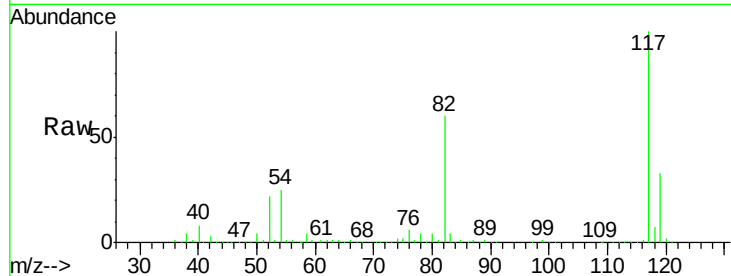
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.4	74.2
119	32.6	25.4	38.0

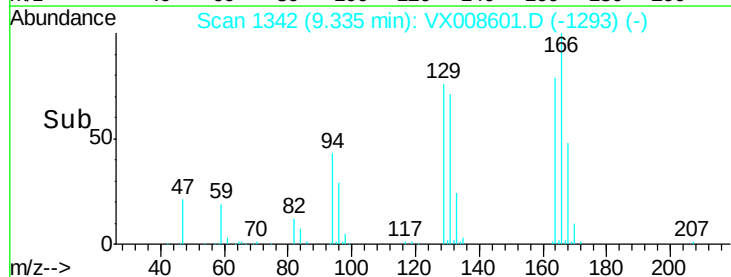
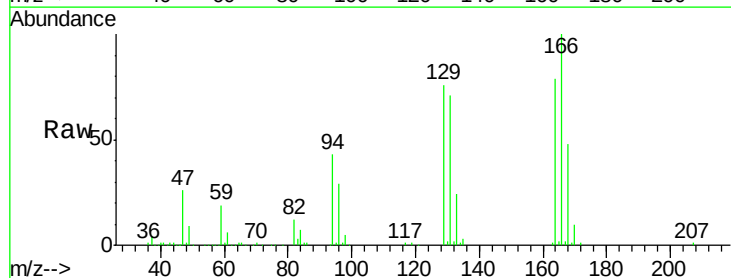
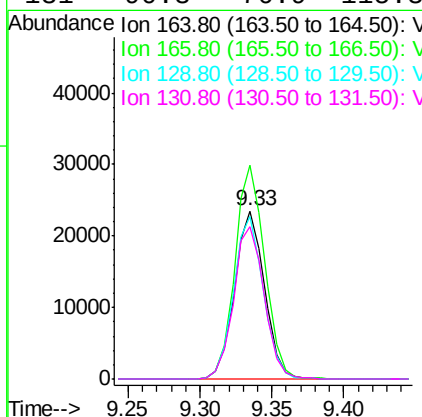
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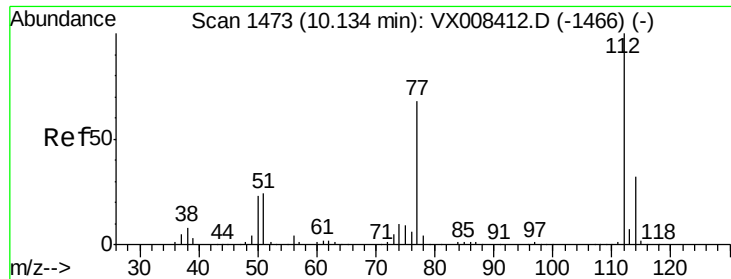
MMDadoda
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#64
Tetrachloroethene
Concen: 19.101 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.5	153.7
129	96.3	77.8	116.8
131	90.3	76.9	115.3





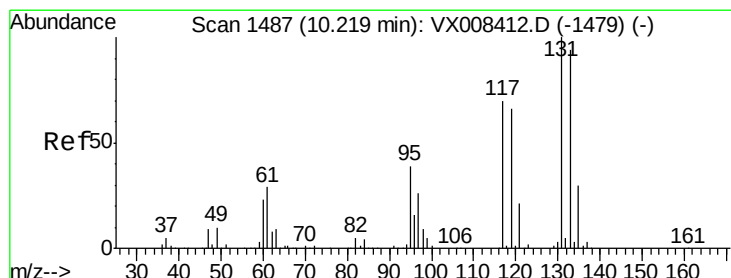
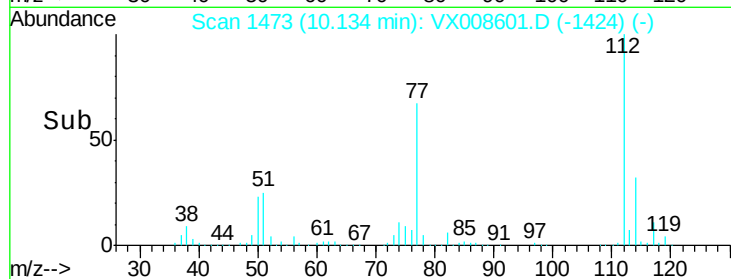
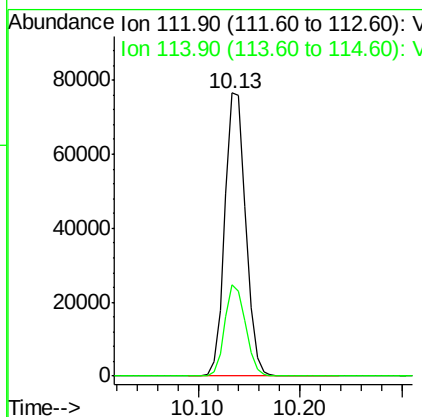
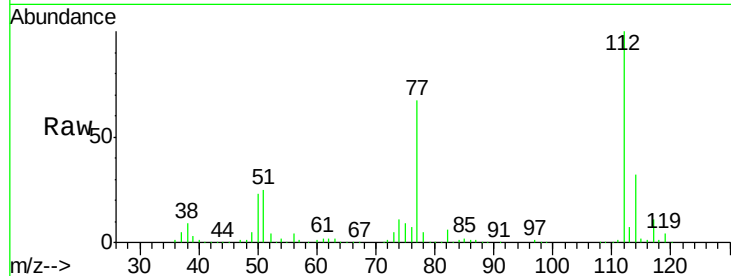
#65
Chlorobenzene
Concen: 18.948 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion:112 Resp: 108388
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

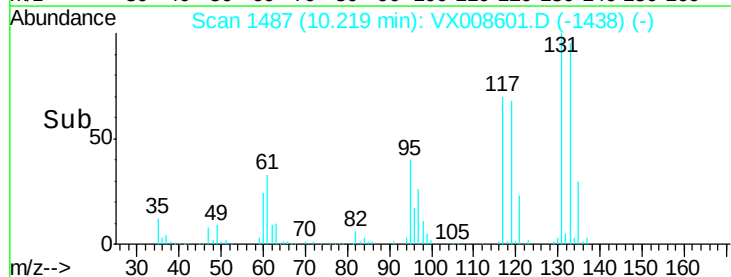
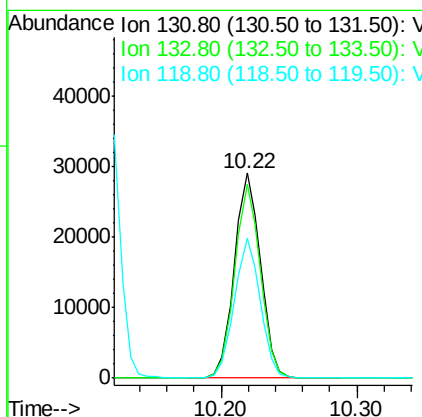
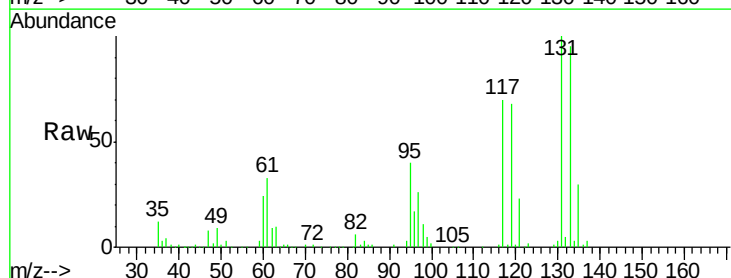
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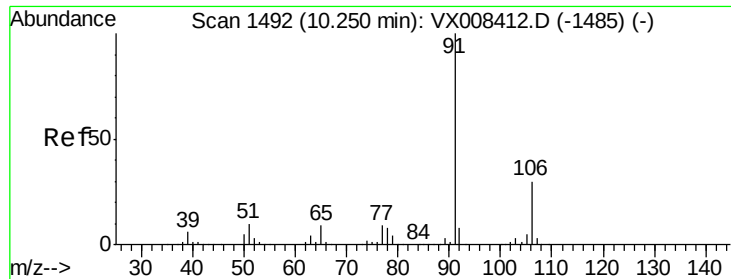
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.665 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion:131 Resp: 38810
Ion Ratio Lower Upper
131 100
133 93.3 47.3 141.8
119 67.6 33.6 100.6





#67

Ethyl Benzene

Concen: 18.909 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 91 Resp: 204133

Ion Ratio Lower Upper

91 100

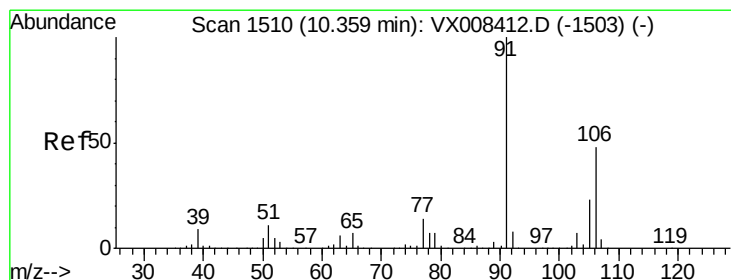
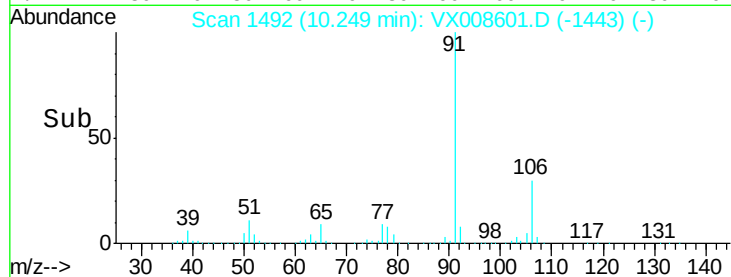
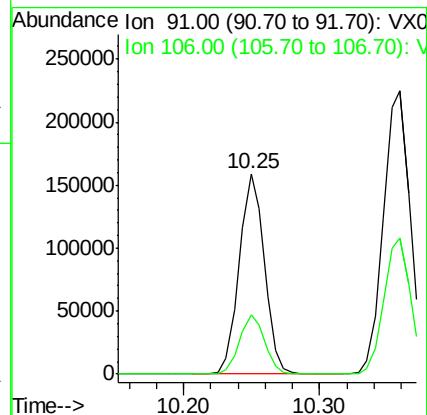
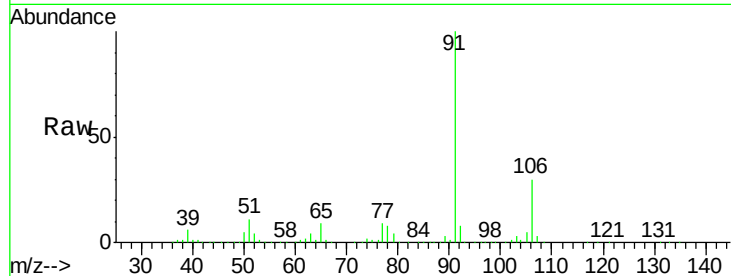
106 29.6 24.0 36.0

Manual Integrations

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4/3/2019 11:32:47 AM



#68

m/p-Xylenes

Concen: 37.520 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008601.D

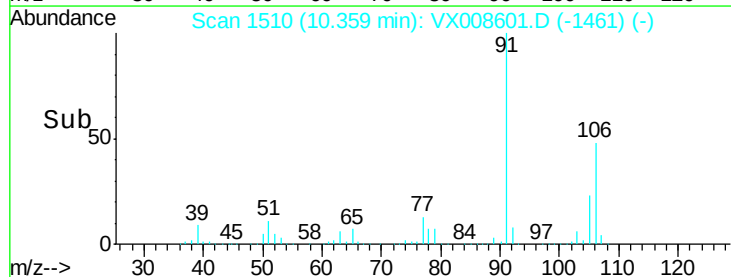
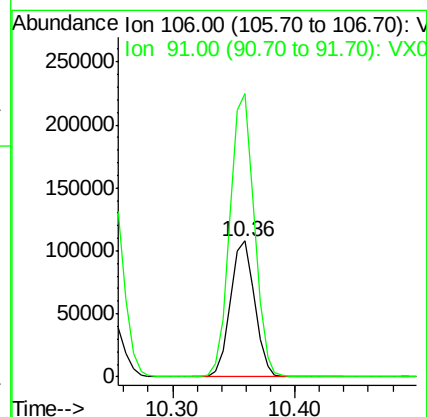
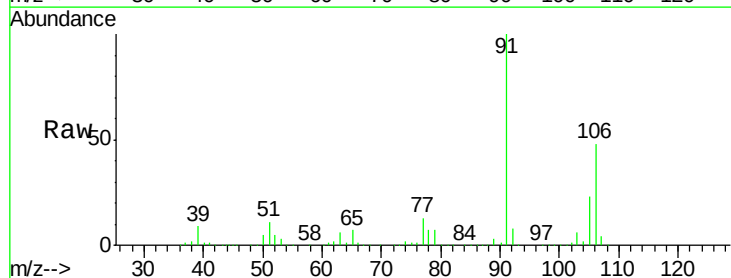
Acq: 02 Apr 2019 19:25

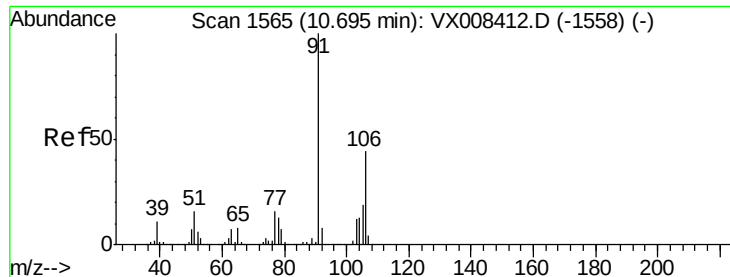
Tgt Ion: 106 Resp: 147356

Ion Ratio Lower Upper

106 100

91 209.3 168.6 253.0





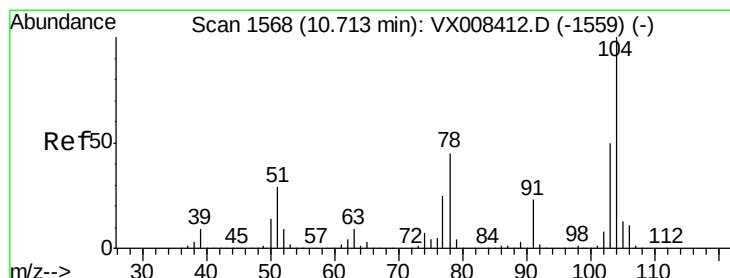
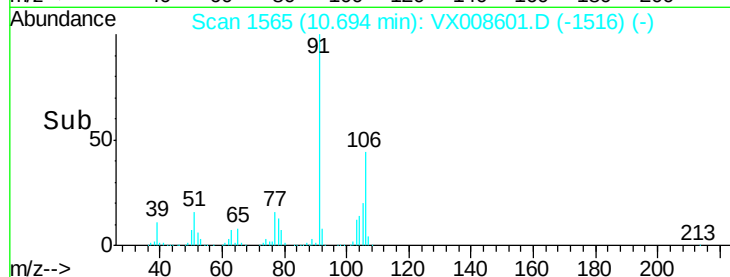
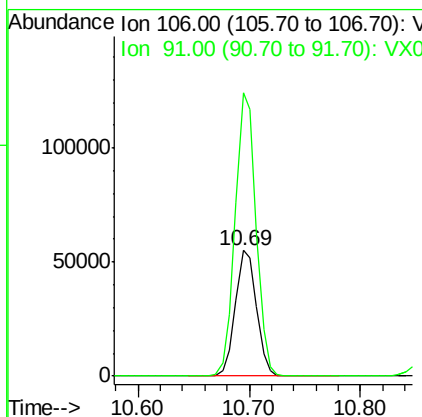
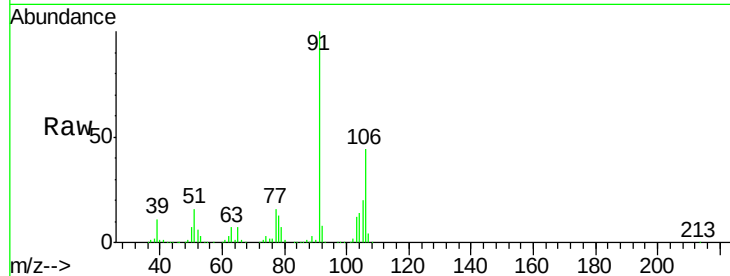
#69
o-Xylene
Concen: 19.000 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	222.3	111.4	334.2	

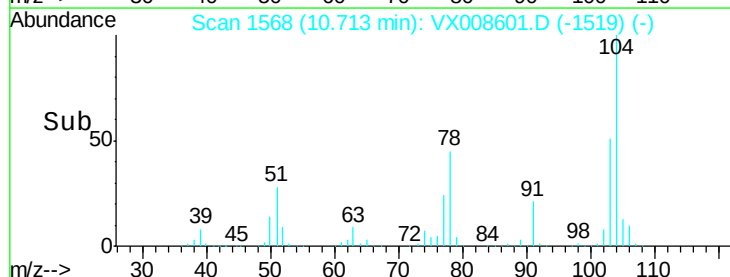
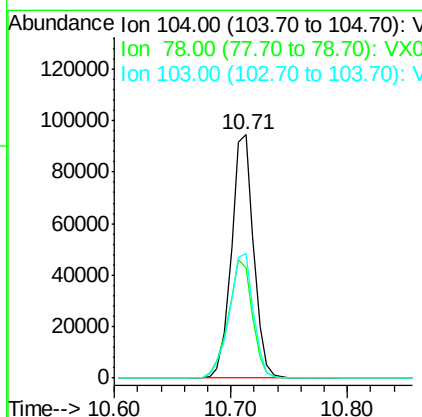
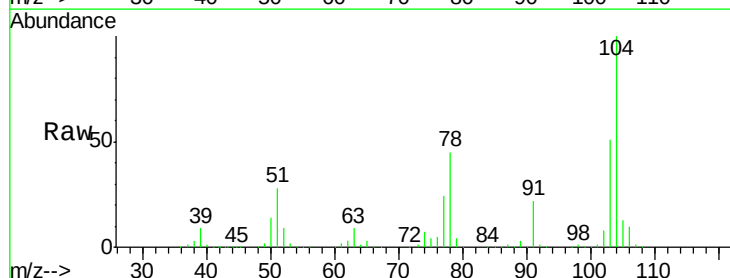
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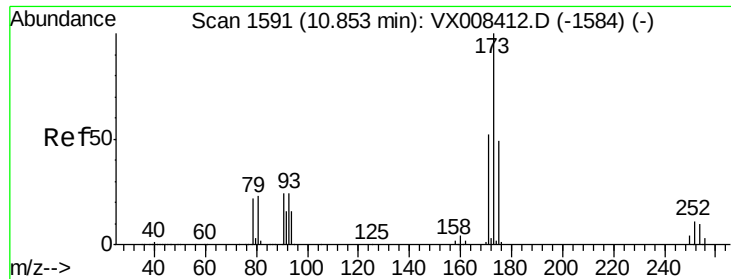
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#70
Styrene
Concen: 19.058 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.1	42.5	63.7	
103	55.8	44.2	66.4	





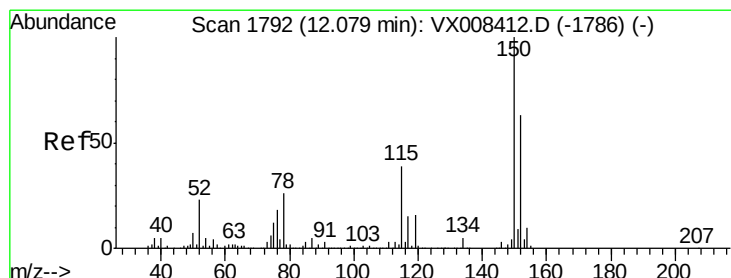
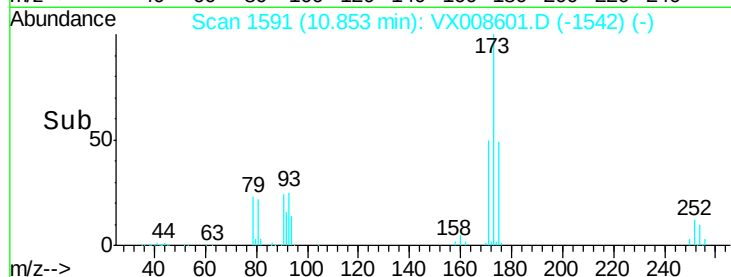
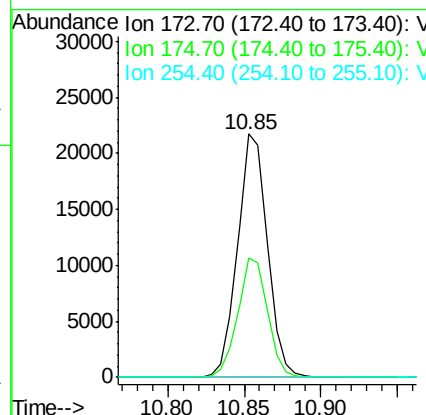
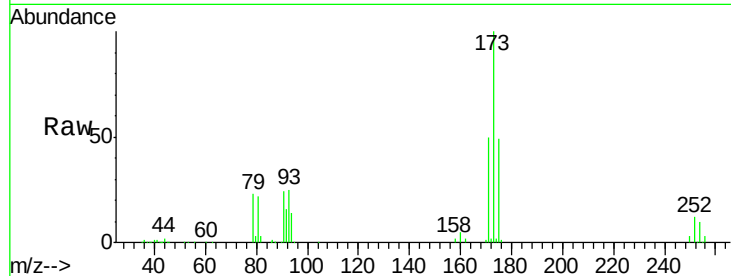
#71
Bromoform
Concen: 18.811 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.2

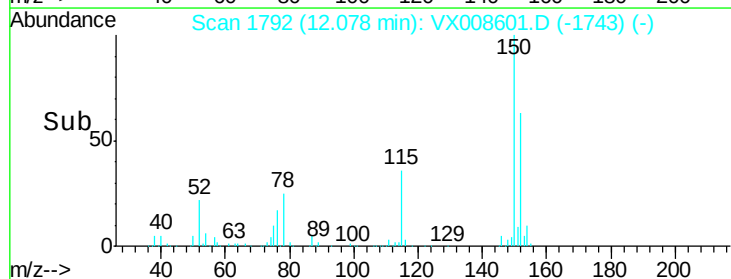
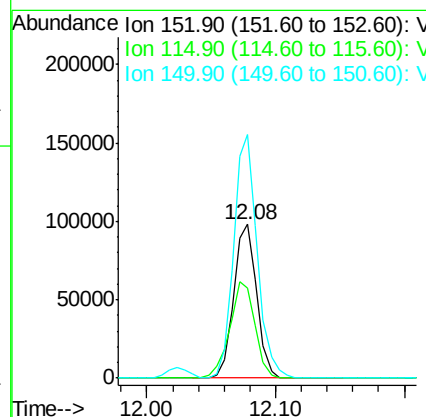
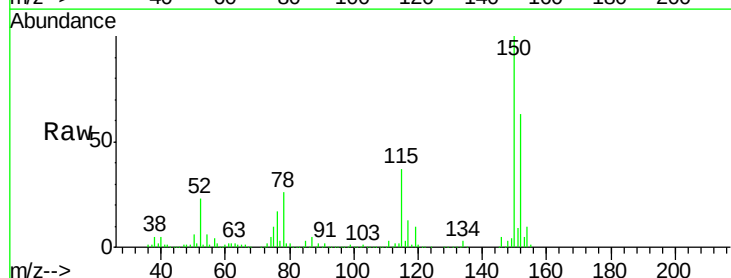
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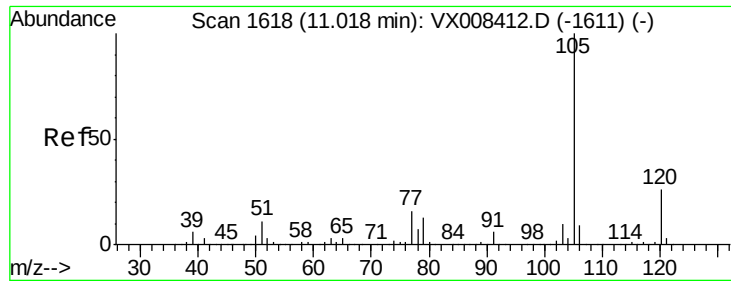
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.9	43.5	130.5
150	162.9	0.0	348.8





#73

Isopropylbenzene

Concen: 19.540 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD03

Tot Ion: 105 Resp: 193531

Ion Ratio Lower Upper

105 100

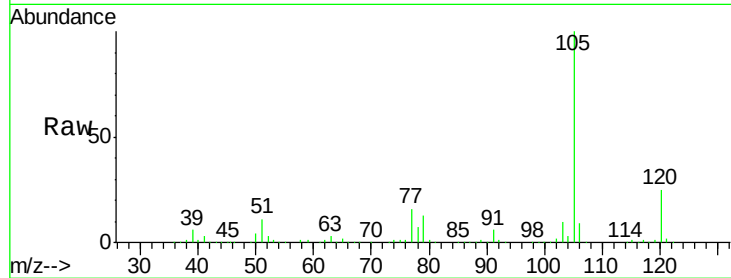
120 25.6 12.9 38.7

Manual Integrations

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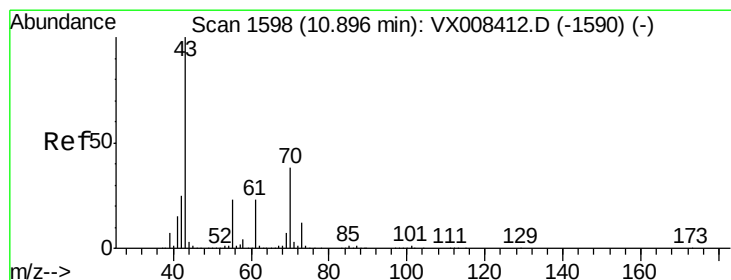
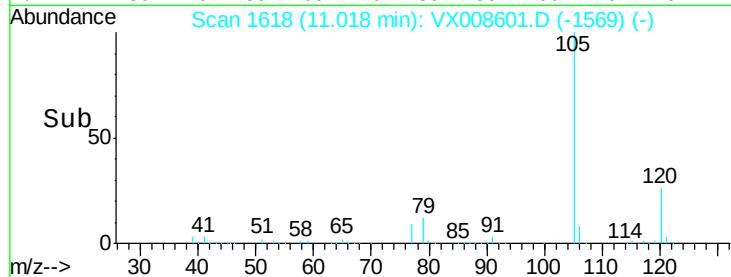
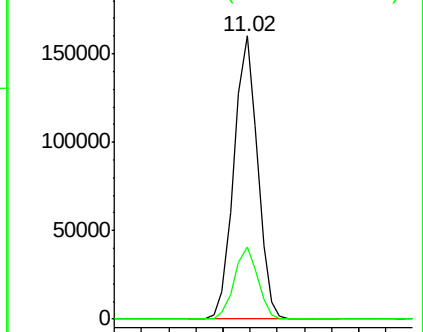
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.550 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion: 43 Resp: 117805

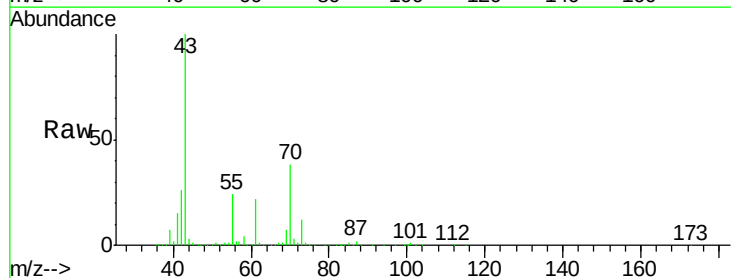
Ion Ratio Lower Upper

43 100

70 37.5 30.5 45.7

55 23.9 18.2 27.2

61 22.2 18.4 27.6

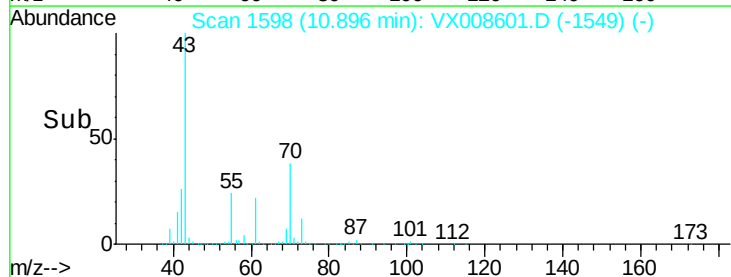
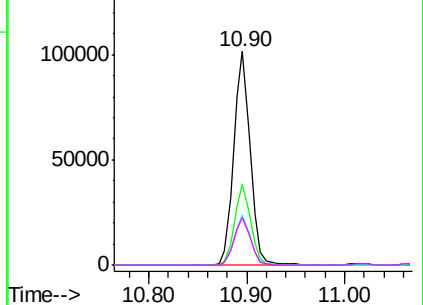


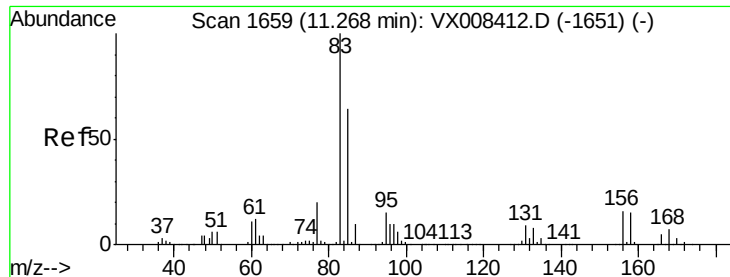
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.613 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

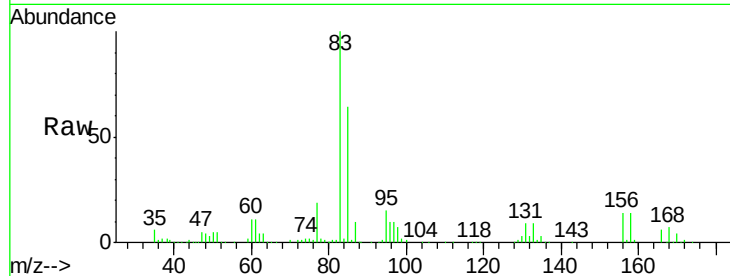
ClientSampleId :

VX0402WBSD03

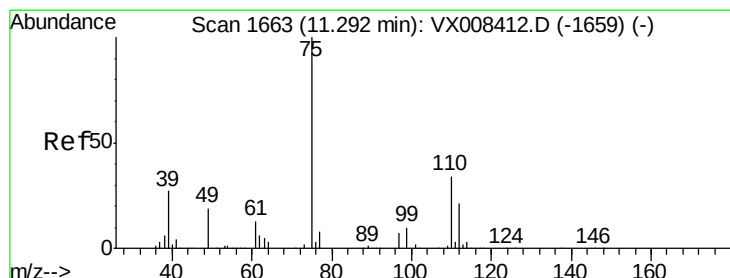
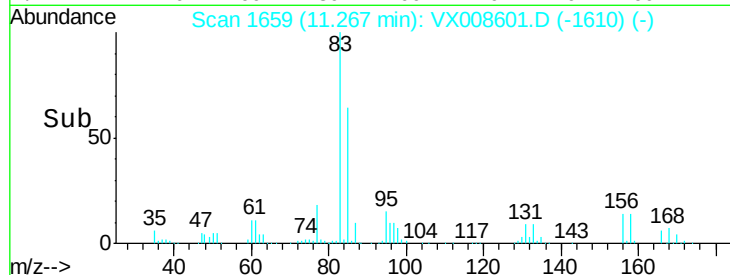
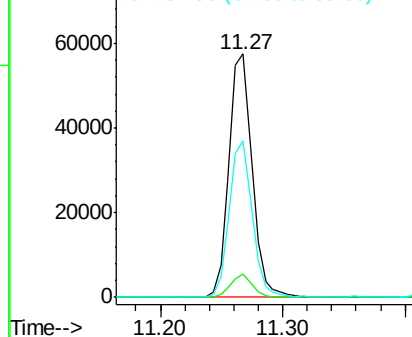
Tot Ion:	83	Resp:	75370
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	63.7	31.9	95.9

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



#76

1,2,3-Trichloropropane

Concen: 20.136 ug/l m

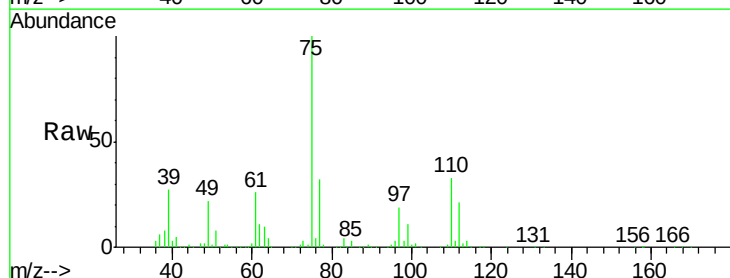
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

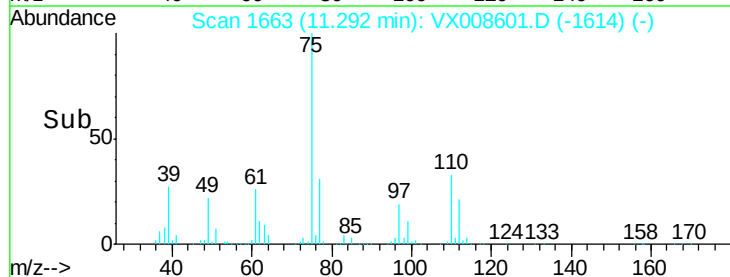
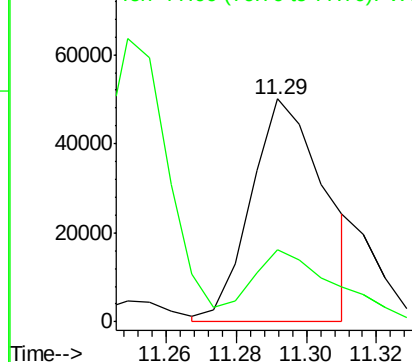
Lab File: VX008601.D

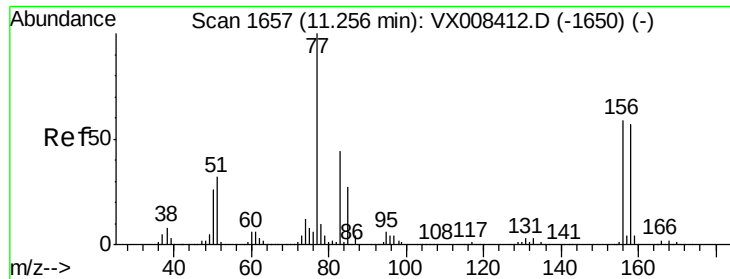
Acq: 02 Apr 2019 19:25

Tgt Ion:	75	Resp:	72879
Ion	Ratio	Lower	Upper
75	100		
77	37.1	21.9	65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.212 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

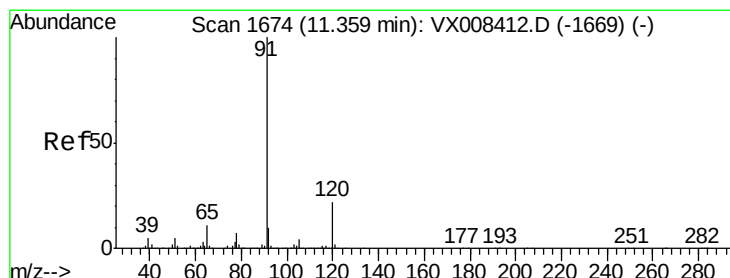
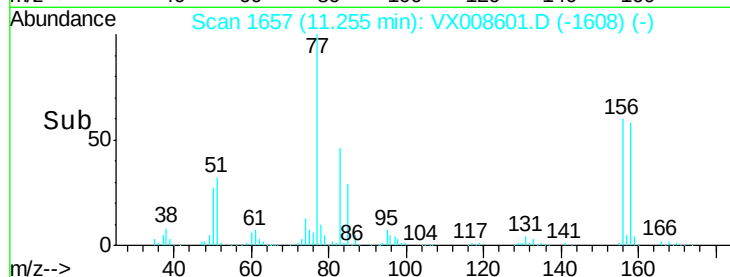
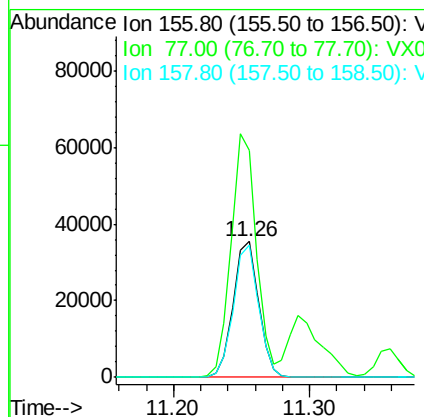
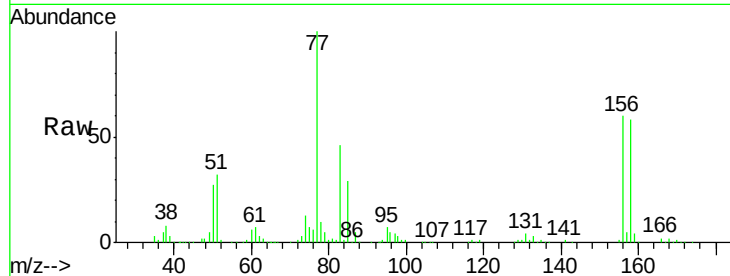
ClientSampleId :

VX0402WBSD03

Tot Ion:	156	Resp:	46181
Ion	Ratio	Lower	Upper
156	100		
77	178.4	91.1	273.3
158	96.9	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.134 ug/l

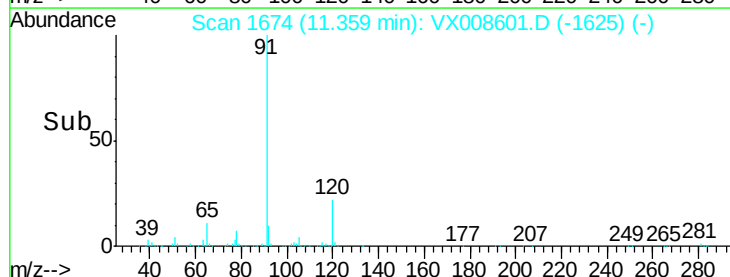
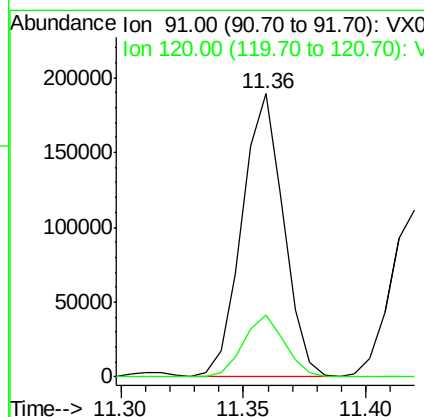
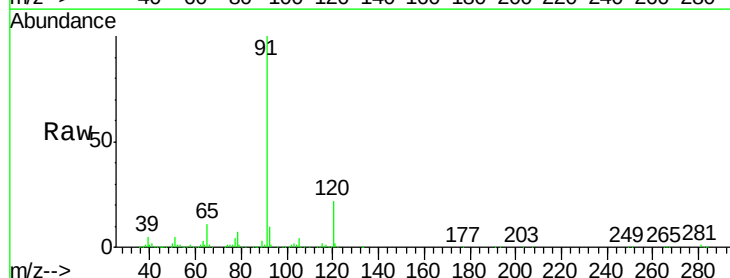
RT: 11.36 min Scan# 1674

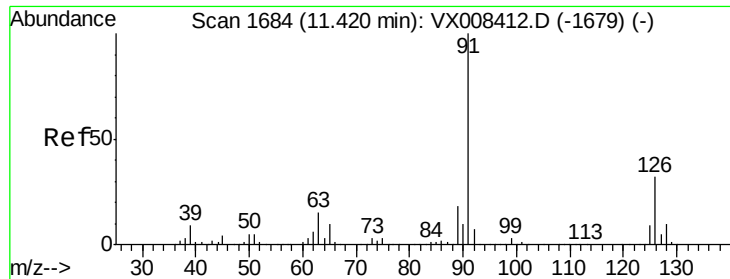
Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion:	91	Resp:	221993
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4





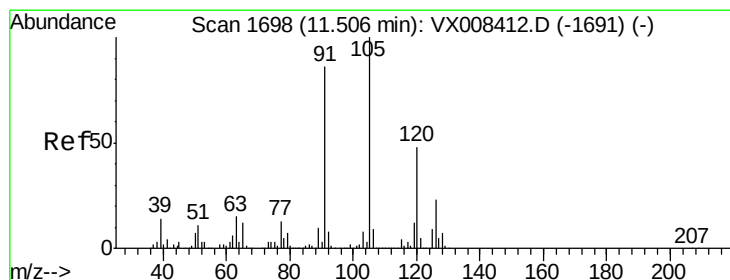
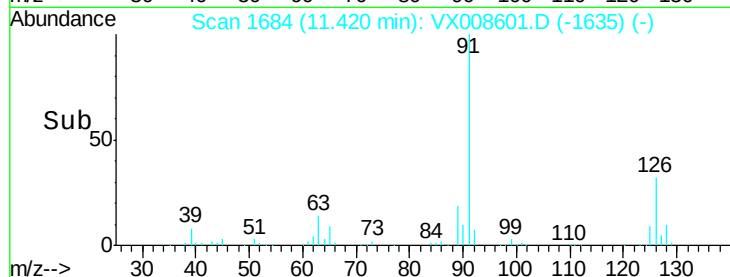
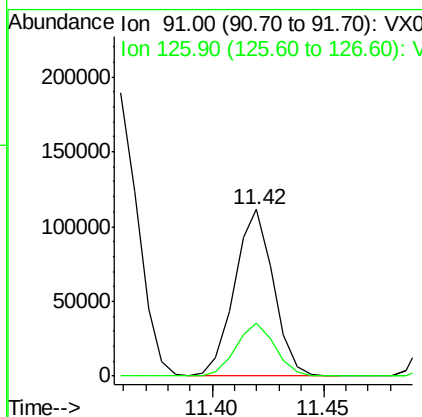
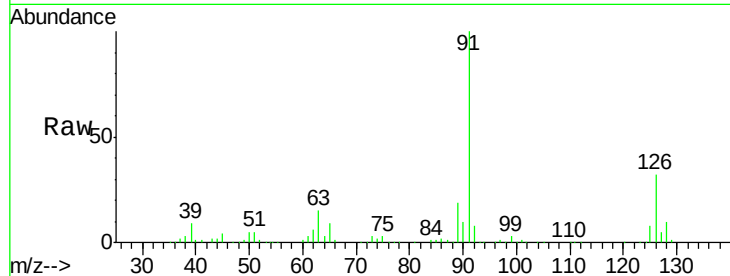
#79
 2-Chlorotoluene
 Concen: 19.114 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion: 91 Resp: 134884
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1

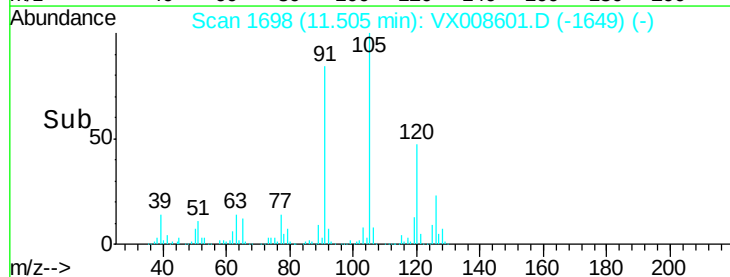
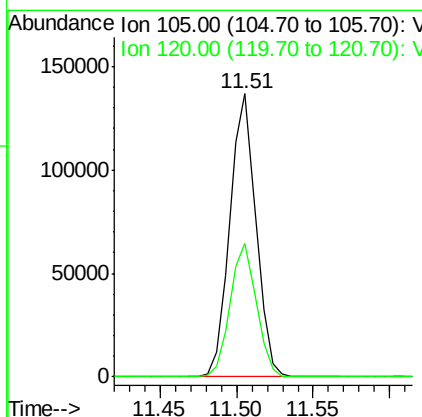
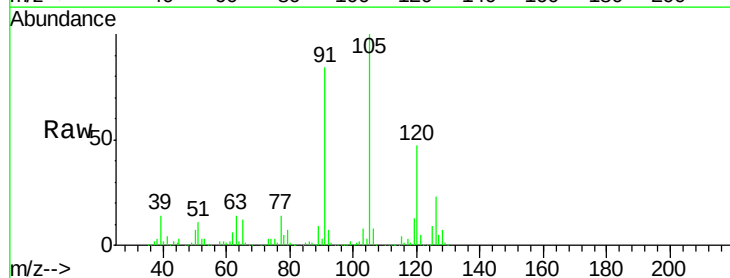
Manual Integrations
 APPROVED

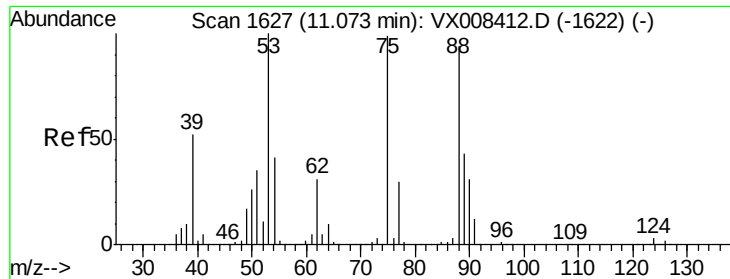
MMDadoda
 4/3/2019 11:32:47 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.237 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 105 Resp: 161075
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.3





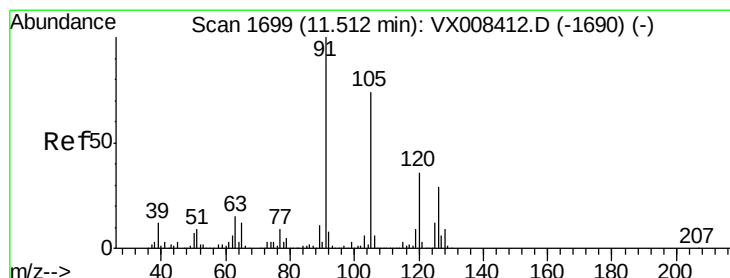
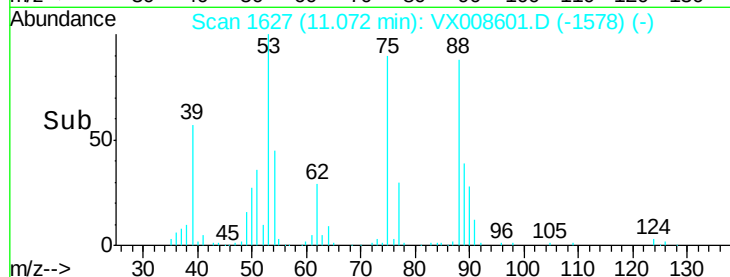
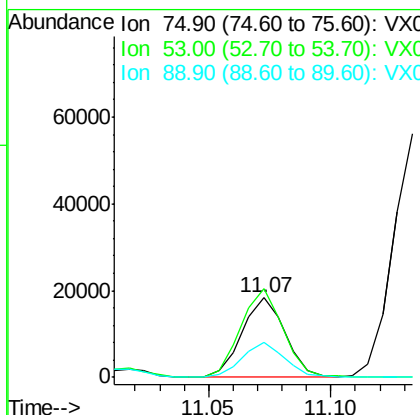
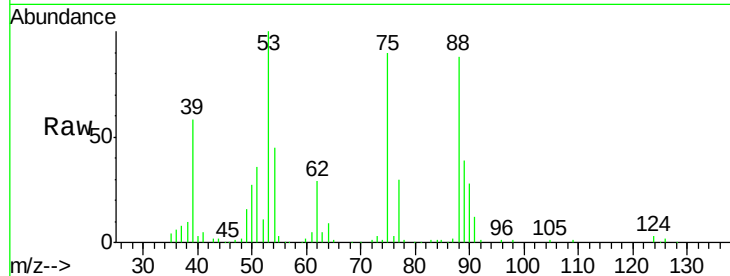
#81
trans-1,4-Dichloro-2-butene
Concen: 19.809 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampled :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.9	82.1	123.1
89	43.8	34.6	52.0

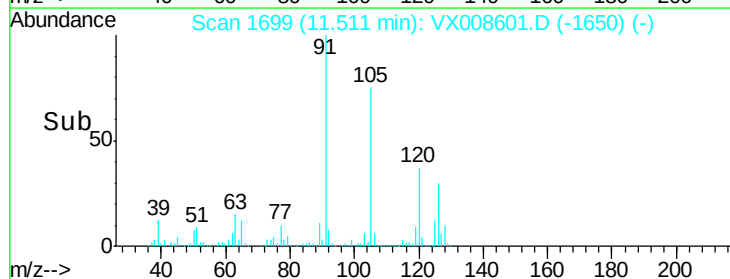
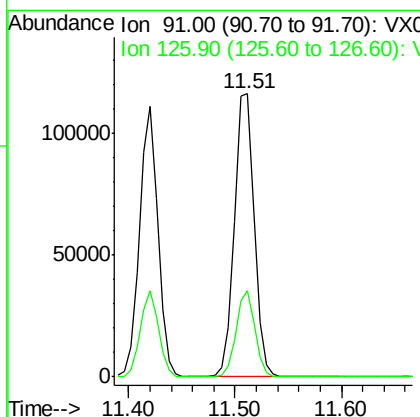
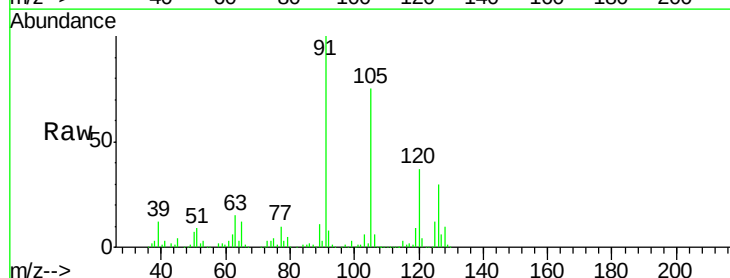
Manual Integrations
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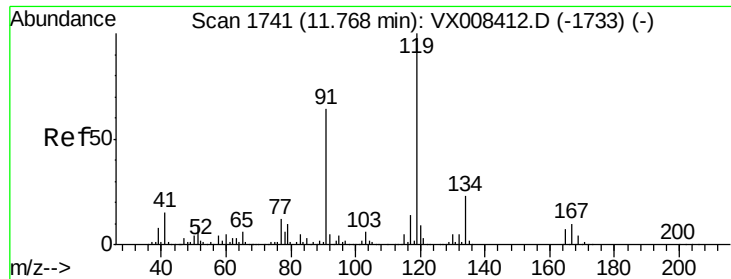
MMDadoda
4/3/2019 11:32:47 AM



#82
4-Chlorotoluene
Concen: 18.816 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	13.9	41.7





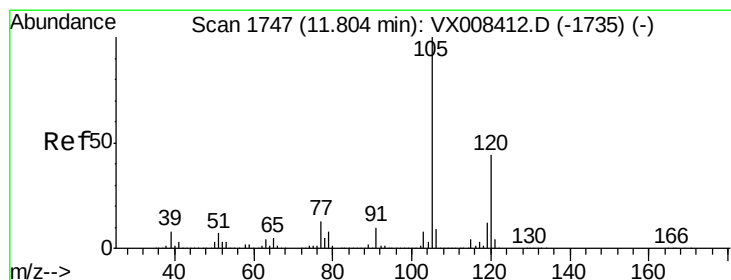
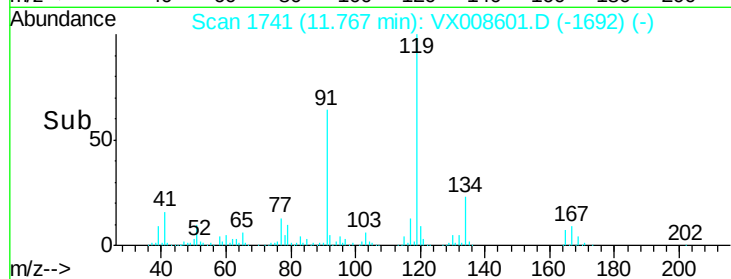
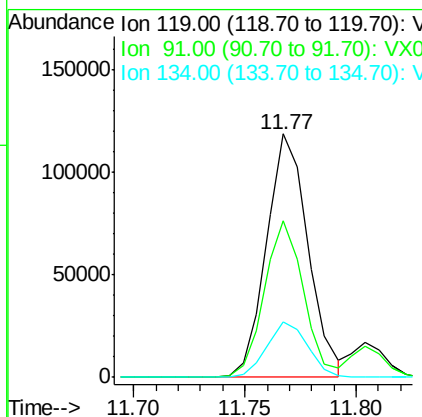
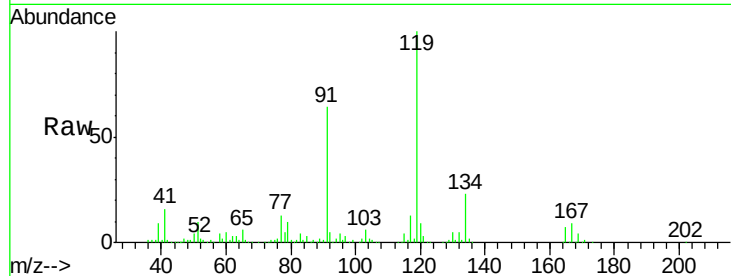
#83
 tert-Butylbenzene
 Concen: 19.091 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	154228		
91	60.8	30.1	90.3	
134	22.5	10.9	32.9	

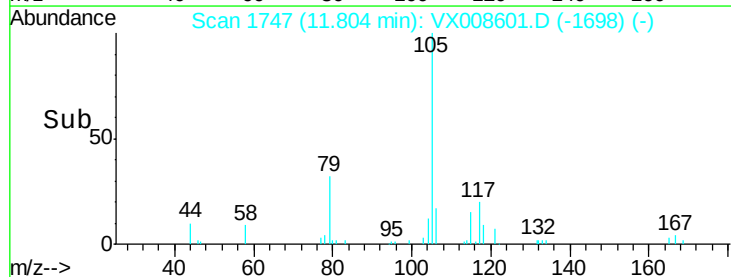
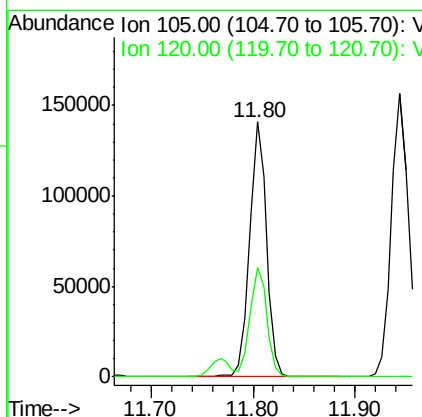
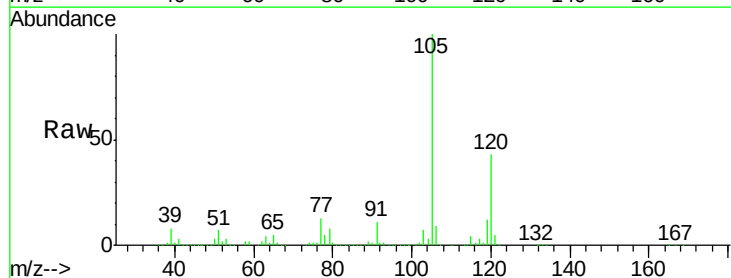
Manual Integrations
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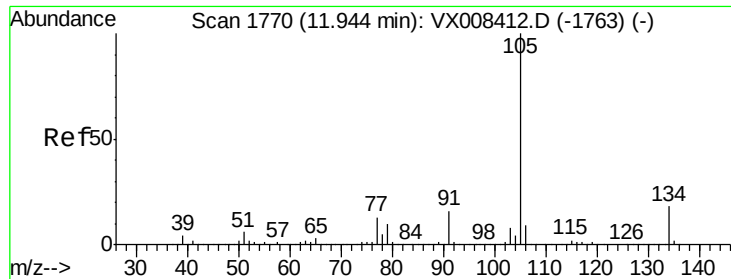
MMDadoda
 4/3/2019 11:32:47 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.304 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163486		
120	42.8	21.6	65.0	





#85

sec-Butylbenzene

Concen: 19.328 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

ClientSampled :

VX0402WBSD03

Tot Ion:105 Resp: 185944

Ion Ratio Lower Upper

105 100

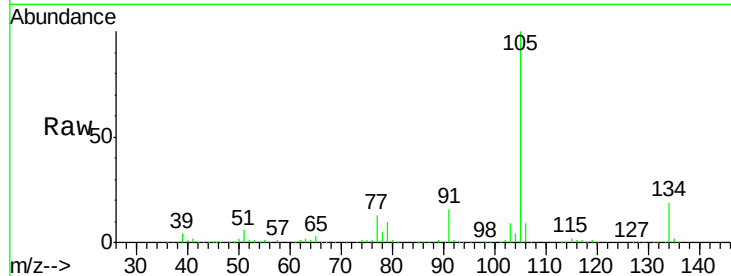
134 18.9 9.3 28.0

Manual Integrations

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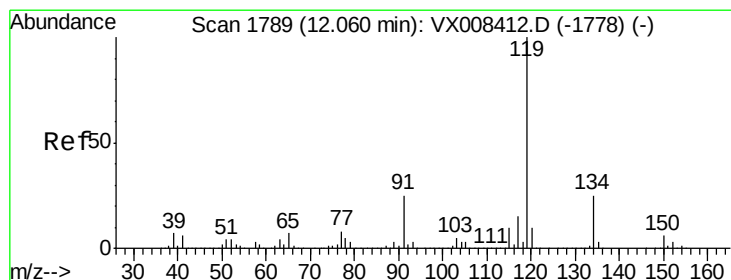
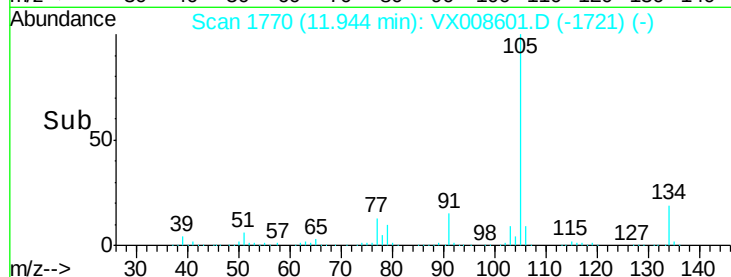
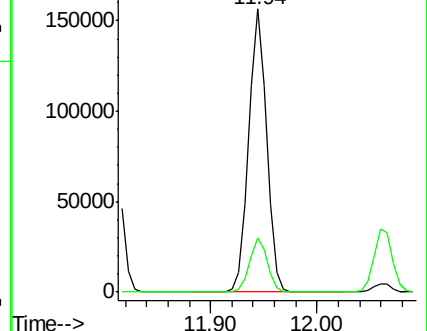
MMDadoda

4/3/2019 11:32:47 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.496 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

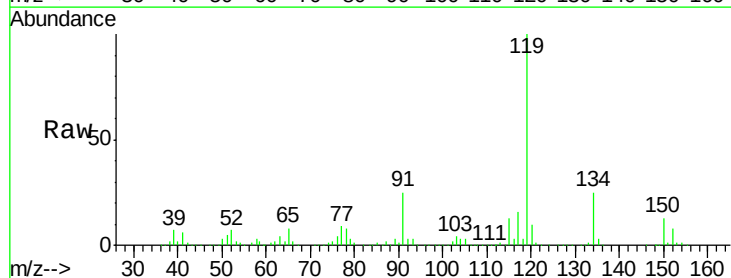
Tgt Ion:119 Resp: 165504

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

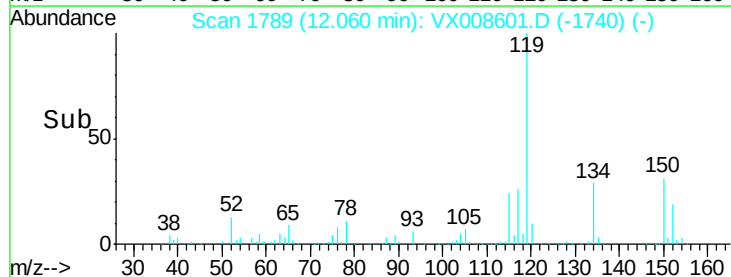
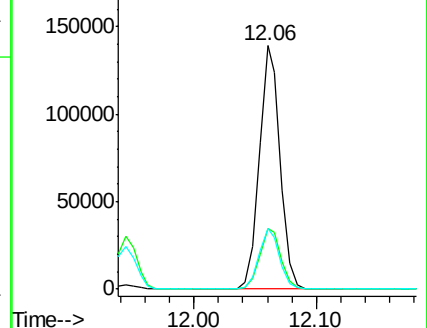
91 24.8 12.4 37.0

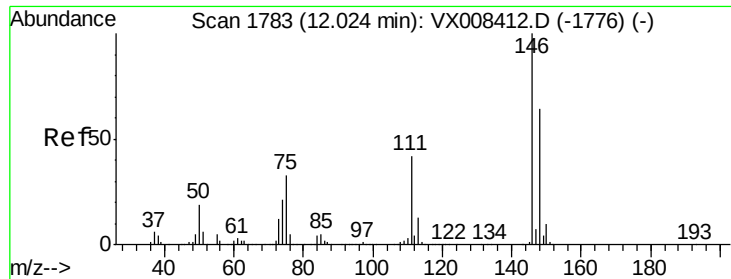


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





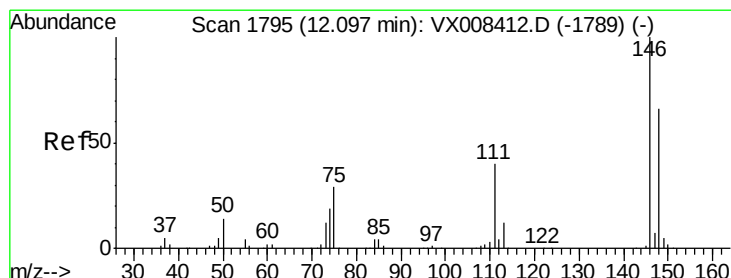
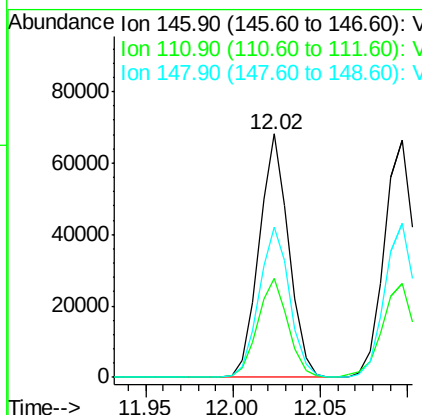
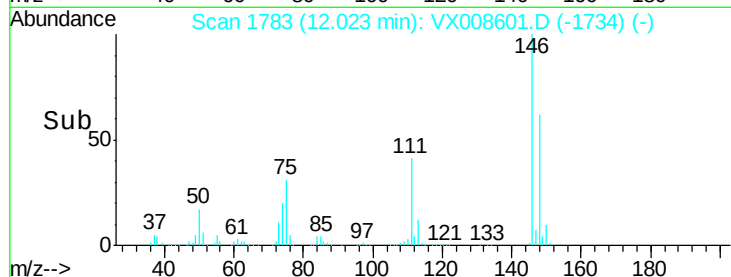
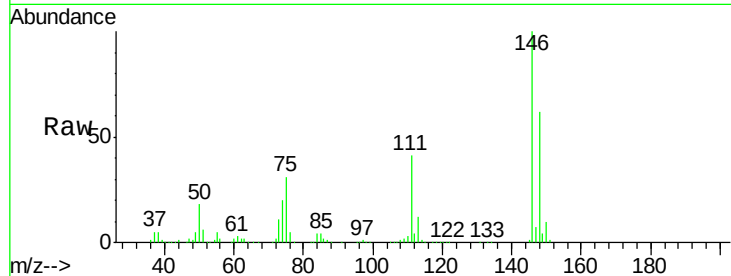
#87
 1,3-Dichlorobenzene
 Concen: 18.850 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	63.7	32.0	96.0

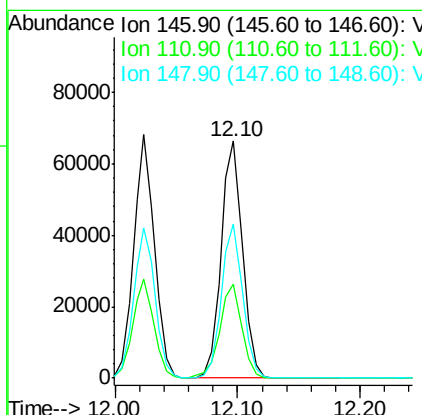
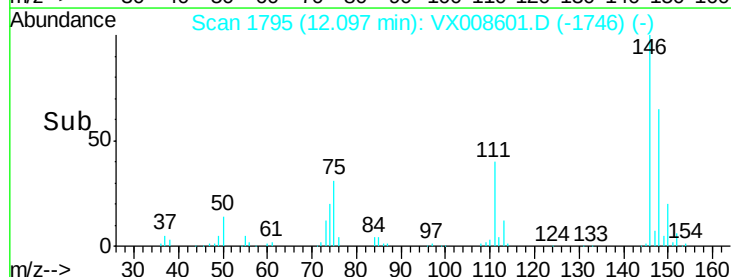
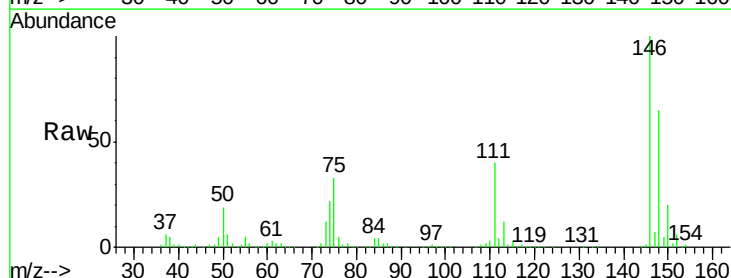
Manual Integrations
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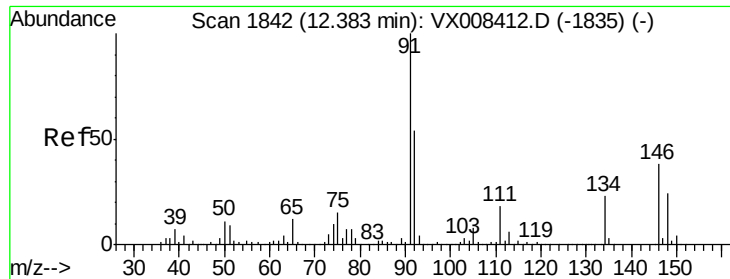
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#88
 1,4-Dichlorobenzene
 Concen: 18.570 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	65.0	32.1	96.5





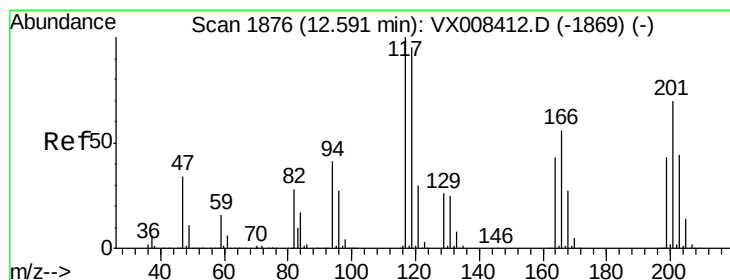
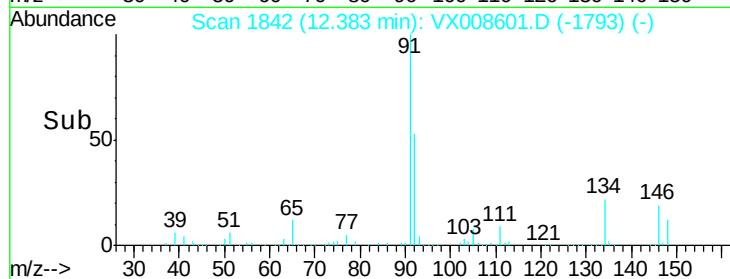
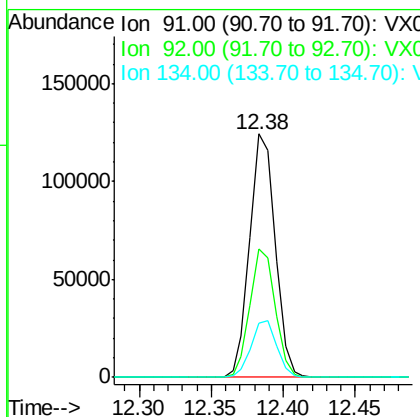
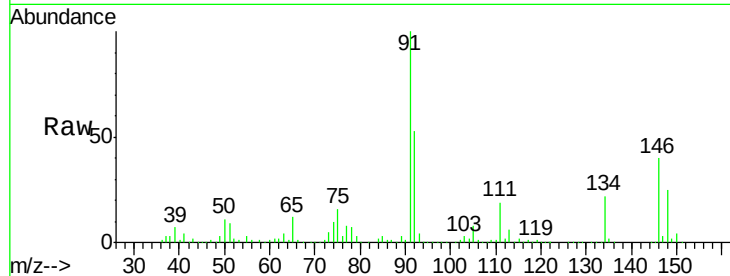
#89
n-Butylbenzene
Concen: 18.930 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	23.2	11.8	35.4

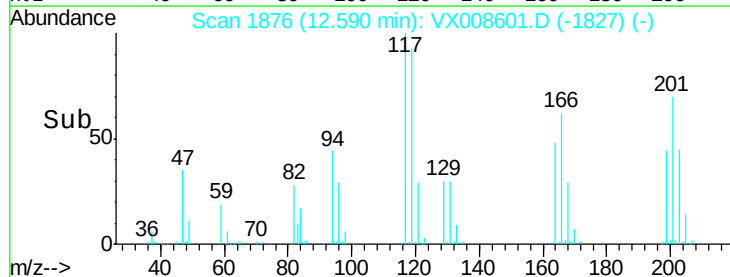
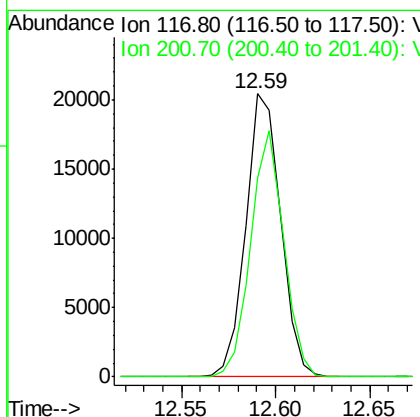
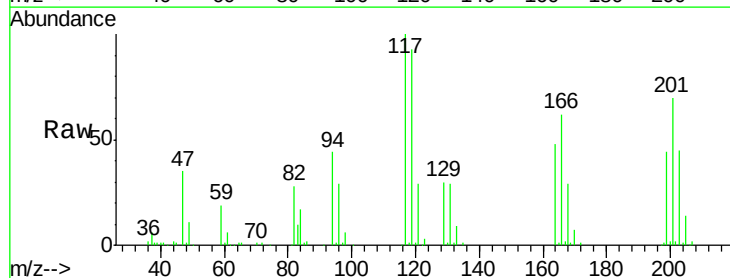
Manual Integrations
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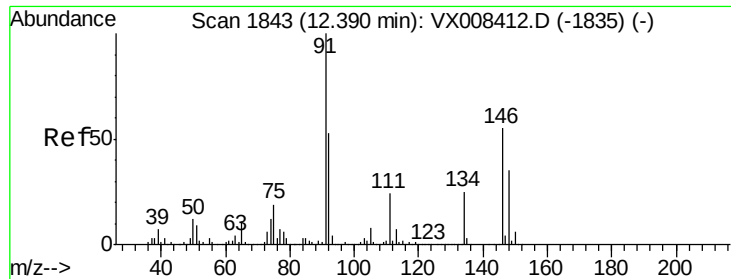
MMDadoda
4/3/2019 11:32:47 AM



#90
Hexachloroethane
Concen: 18.563 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX008601.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	39.4	118.1





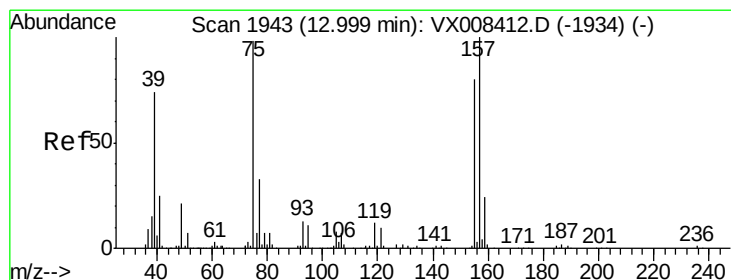
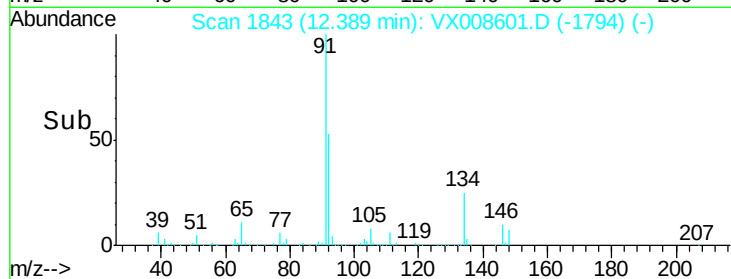
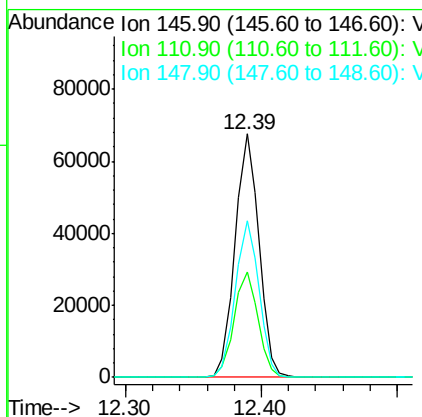
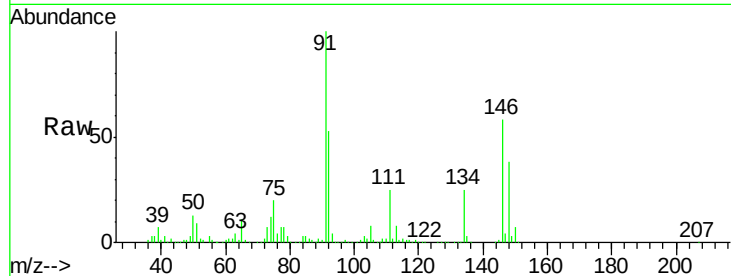
#91
 1,2-Dichlorobenzene
 Concen: 19.250 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	64.6
148	64.0	31.9	95.7

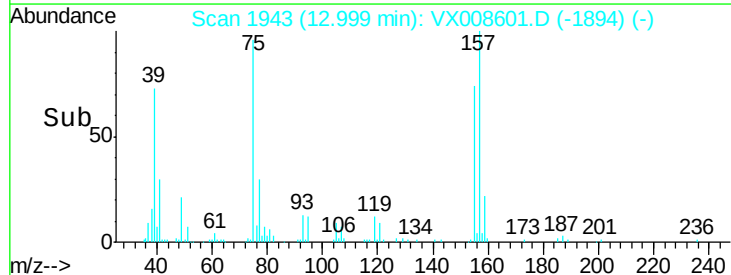
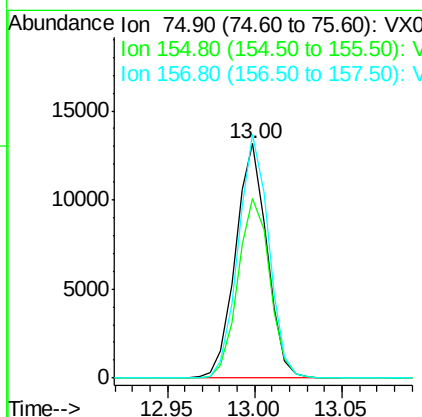
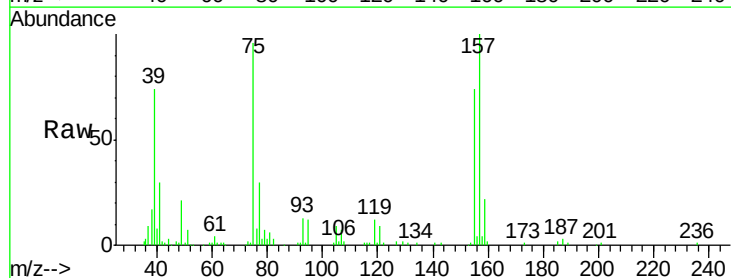
Manual Integrations
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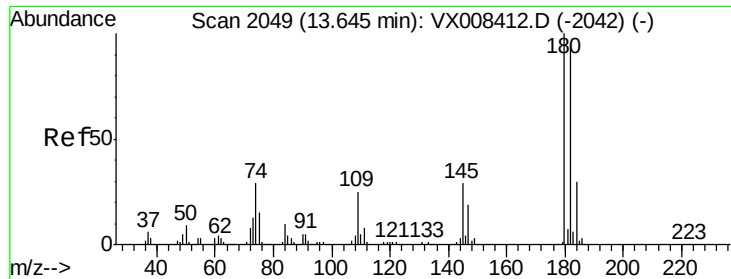
MMDadoda
 4/3/2019 11:32:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.596 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	39.5	118.5
157	100.8	49.9	149.7





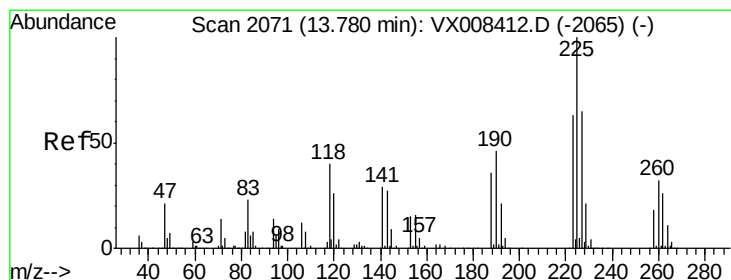
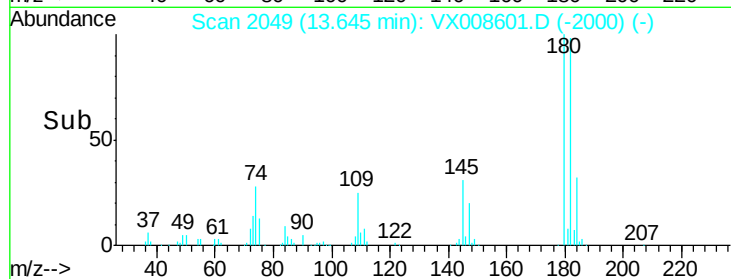
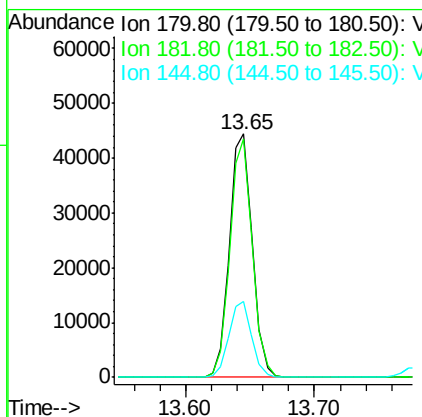
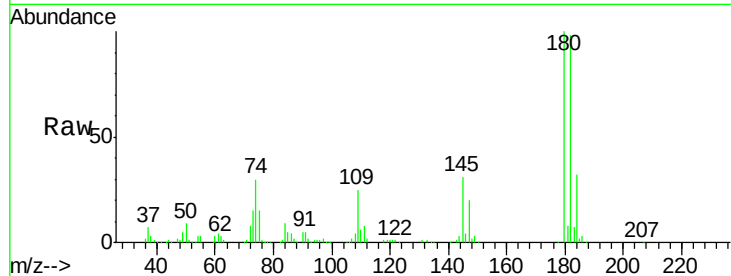
#93
 1,2,4-Trichlorobenzene
 Concen: 19.156 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	55470		
182	95.6	47.3	142.0	
145	31.2	15.3	45.8	

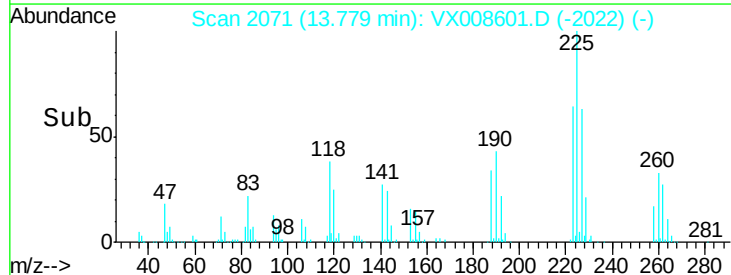
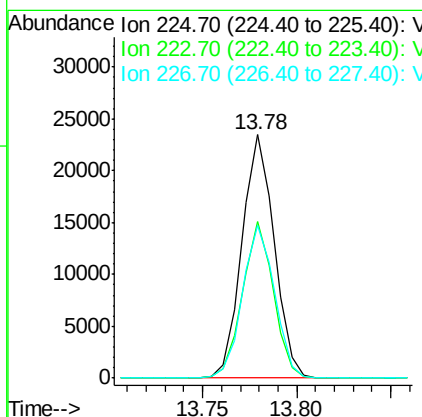
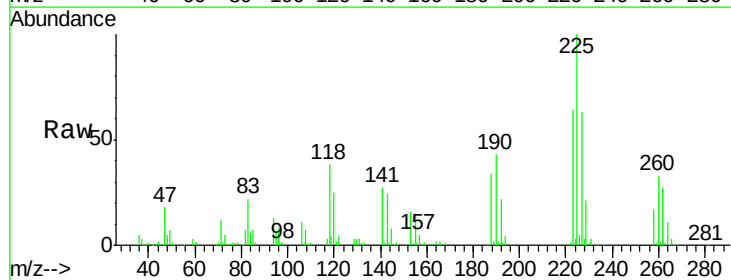
Manual Integrations
 APPROVED

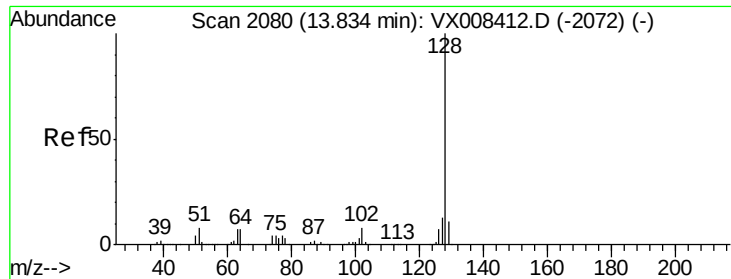
MMDadoda
 4/3/2019 11:32:47 AM



#94
 Hexachlorobutadiene
 Concen: 20.305 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008601.D
 Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	27918		
223	61.7	31.4	94.0	
227	62.3	31.9	95.9	





#95

Naphthalene

Concen: 20.114 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_X

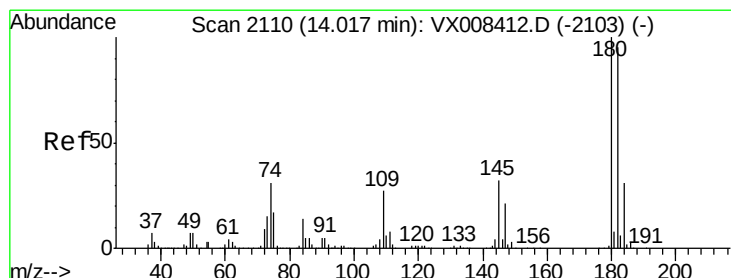
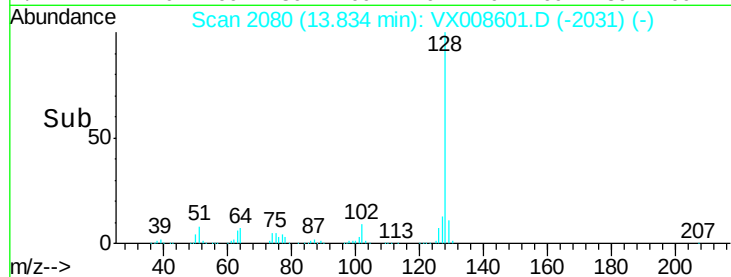
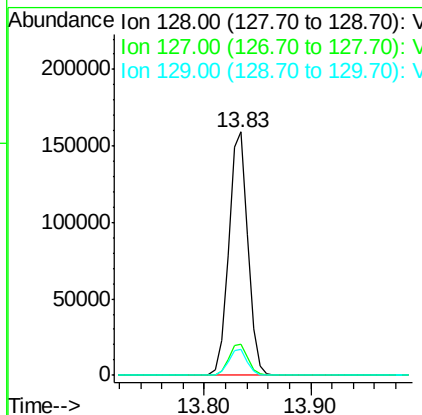
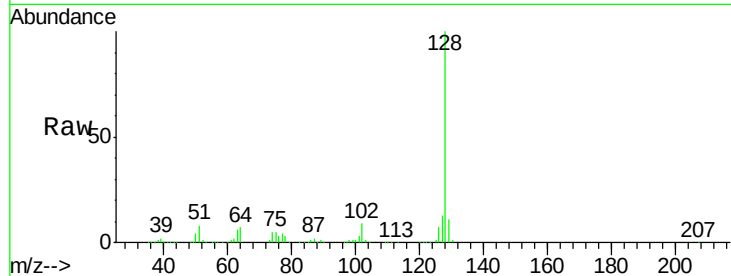
ClientSampleId :

VX0402WBSD03

Tot Ion:	128	Resp:	199684
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/3/2019 11:32:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.818 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008601.D

Acq: 02 Apr 2019 19:25

Tgt Ion:	180	Resp:	57666
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	33.2	16.2	48.5

