

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002395.D
 Acq On : 08 Jun 2018 11:53
 Operator : JC/MD
 Sample : VX0608WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:14 AM

Quant Time: Jun 08 13:13:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	41621	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	245657	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	236123	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	103409	31.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.23%
60) 4-Bromofluorobenzene	11.14	95	117747	29.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.10%
63) Toluene-d8	8.72	98	296603	28.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	93.93%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48772	22.07	ug/l	97
3) Chloromethane	1.32	50	57978	22.06	ug/l	100
4) Vinyl Chloride	1.41	62	63352	24.23	ug/l	99
5) Bromomethane	1.64	94	32924	22.48	ug/l	99
6) Chloroethane	1.73	64	41785	27.01	ug/l	100
7) Trichlorofluoromethane	1.93	101	105473	26.45	ug/l	100
8) Diethyl Ether	2.19	74	37929	25.27	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60463	28.15	ug/l	99
10) 1,1-Dichloroethene	2.38	96	53327	25.75	ug/l	99
11) Methyl Iodide	2.51	142	43880	13.49	ug/l	98
12) Methyl Acetate	2.78	43	77254	23.02	ug/l	97
13) Acrolein	2.29	56	25961	90.85	ug/l	99
14) Acrylonitrile	3.15	53	162799	117.89	ug/l	99
15) Acetone	2.45	58	51218	139.13	ug/l	97
16) Carbon Disulfide	2.57	76	119366	20.19	ug/l	100
17) Allyl chloride	2.73	41	106801	24.99	ug/l	92
18) Methylene Chloride	2.86	84	61241	26.31	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	56252	25.69	ug/l	95
20) Diisopropyl ether	3.87	45	184798	22.65	ug/l	93
21) 1,1-Dichloroethane	3.70	63	113450	26.12	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	56862	21.78	ug/l #	78
23) tert-Butyl Alcohol	3.07	59	79712	111.29	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	199650	24.70	ug/l	100
25) Chloroform	5.22	83	98392	21.54	ug/l	97
26) Cyclohexane	5.58	56	85408	21.36	ug/l #	98
29) 1,1-Dichloropropene	5.81	75	70488	20.51	ug/l	99
30) 2-Butanone	4.71	43	215615	89.94	ug/l	98
31) 2,2-Dichloropropane	4.59	77	76147	25.21	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	85308	19.00	ug/l	99
33) Carbon Tetrachloride	5.79	117	72766	17.84	ug/l	98
34) Benzene	6.15	78	214114	20.63	ug/l	97
35) Methacrylonitrile	5.07	41	47223	17.79	ug/l	99
36) 1,2-Dichloroethane	6.20	62	85902	21.24	ug/l	100
37) Trichloroethene	7.22	130	59718	20.28	ug/l	94
38) Methylcyclohexane	7.46	83	86710	21.62	ug/l	99
39) 1,2-Dichloropropane	7.52	63	55880	19.91	ug/l	97
40) Dibromomethane	7.66	93	38542	20.47	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	67045	17.17	ug/l	98
42) Vinyl Acetate	3.83	43	866568	114.26	ug/l	100
43) Ethyl Acetate	4.86	43	82790	17.59	ug/l	99
44) Isopropyl Acetate	6.47	43	133006	17.00	ug/l	99
45) 1,4-Dioxane	7.76	88	26372	354.27	ug/l #	89
46) Methyl methacrylate	7.78	41	69527	17.55	ug/l	96
47) n-amyl Acetate	10.90	43	122607	17.03	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	80212	18.28	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	71937	16.93	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	56807	21.02	ug/l	98
51) Ethyl methacrylate	9.18	69	85985	18.36	ug/l	98
52) 1,3-Dichloropropane	9.38	76	93858	20.59	ug/l	99
53) Dibromochloromethane	9.59	129	52425	15.88	ug/l	100
54) 1,2-Dibromoethane	9.68	107	58175	19.88	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	203999	92.83	ug/l	100
56) Bromoform	10.86	173	38686	13.32	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	439076	85.45	ug/l	99
59) 2-Hexanone	9.50	43	341453	85.63	ug/l	100
61) Tetrachloroethene	9.34	164	66592	18.49	ug/l	98
62) Toluene	8.79	91	242967	20.15	ug/l	99
64) Chlorobenzene	10.14	112	158330	20.29	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	56620	17.83	ug/l	99
66) Ethyl Benzene	10.26	91	273418	20.17	ug/l	99
67) m/p-Xylenes	10.36	106	207004	40.23	ug/l	100
68) o-Xylene	10.70	106	102071	19.81	ug/l	100
69) Styrene	10.71	104	166572	19.26	ug/l	99
70) Isopropylbenzene	11.02	105	281373	20.40	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	82546	19.09	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	82546m	20.27	ug/l	
73) Bromobenzene	11.26	156	74158	20.01	ug/l	96
74) n-propylbenzene	11.37	91	318562	20.69	ug/l	100
75) 2-Chlorotoluene	11.43	91	189847	19.99	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	233926	19.94	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	19915	13.50	ug/l	80
78) 4-Chlorotoluene	11.51	91	216730	20.07	ug/l	99
79) tert-butylbenzene	12.07	119	254886	20.73	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	239440	20.19	ug/l	100
81) sec-Butylbenzene	11.95	105	288273	20.97	ug/l	99
82) p-Isopropyltoluene	12.07	119	254886	20.73	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	134550	20.49	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	135109	20.68	ug/l	99
85) n-Butylbenzene	12.39	91	212549	20.61	ug/l	99
86) Hexachloroethane	12.60	117	34374	14.05	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	138937	20.55	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	16764	13.31	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	95465	19.88	ug/l	98
90) Hexachlorobutadiene	13.79	225	53505	20.94	ug/l	100
91) Naphthalene	13.84	128	283900	18.73	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	100734	20.08	ug/l	99

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ClientSampleId :
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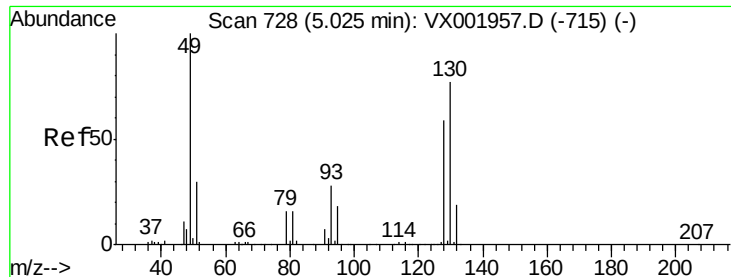
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QLast Update : Fri May 25 02:17:15 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

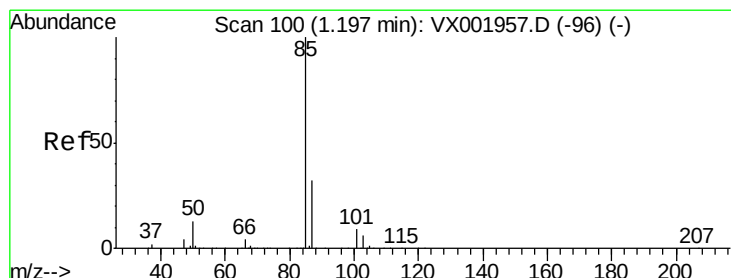
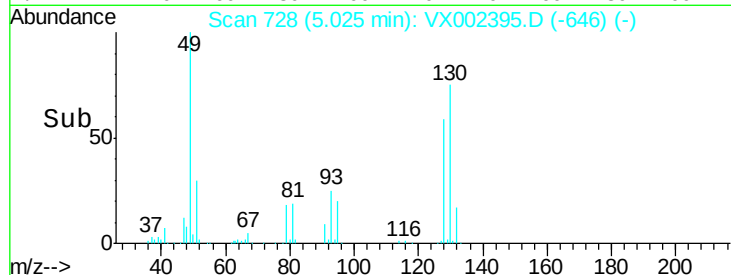
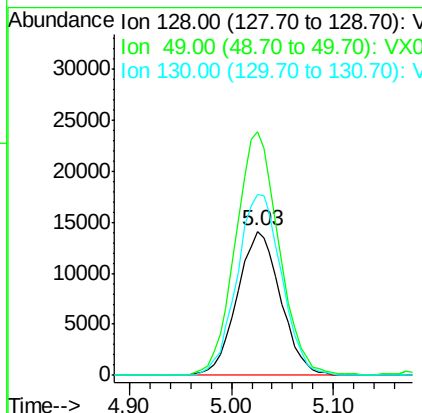
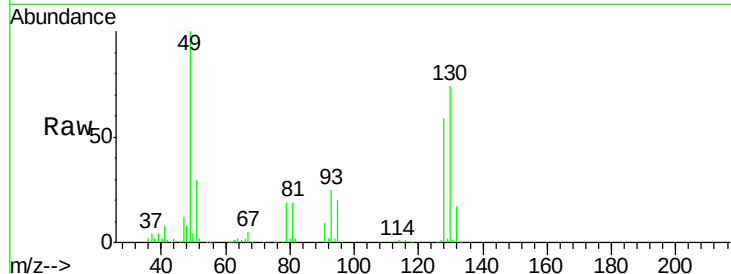
ClientSampleId :

VX0608WBS01

Tgt Ion:	128	Resp:	41621
Ion	Ratio	Lower	Upper
128	100		
49	168.5	0.0	423.0
130	129.8	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 22.07 ug/l

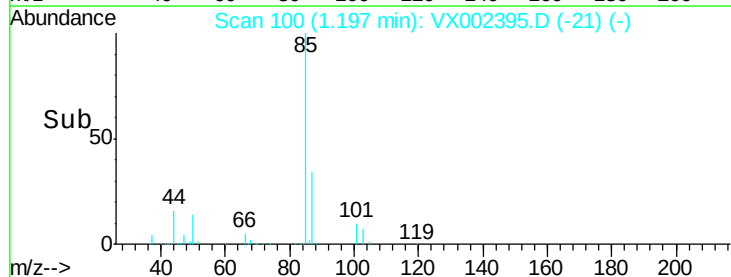
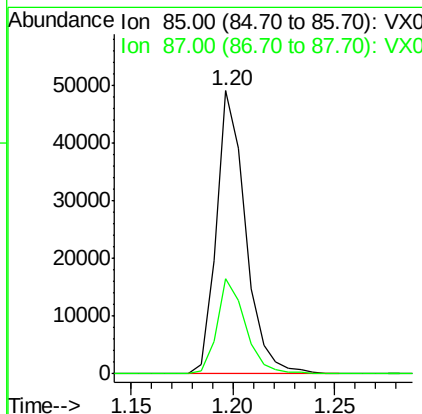
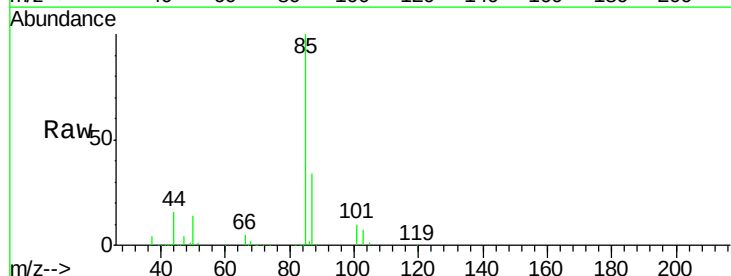
RT: 1.20 min Scan# 100

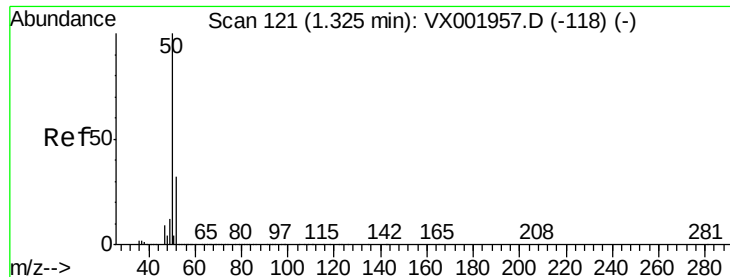
Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Tgt Ion:	85	Resp:	48772
Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.2	48.5





#3

Chloromethane

Concen: 22.06 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 50 Resp: 57978

Ion Ratio Lower Upper

50 100

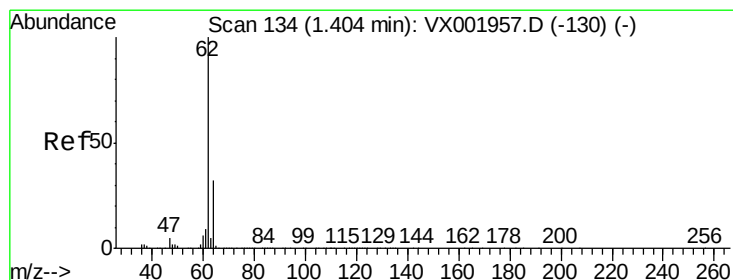
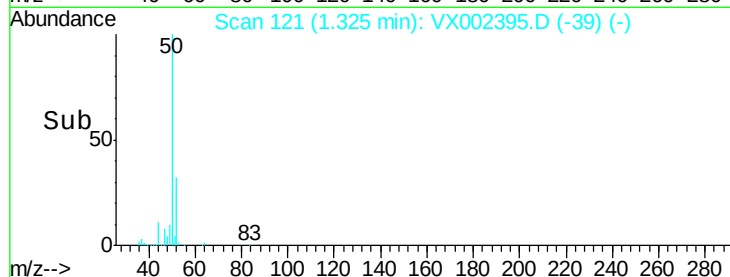
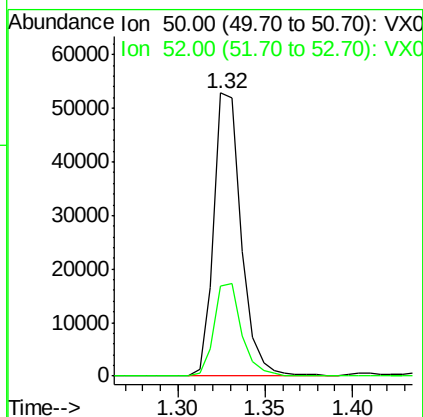
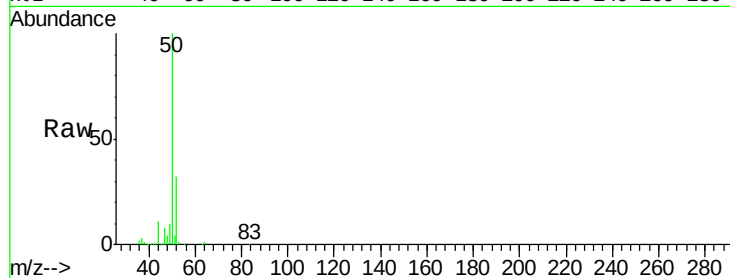
52 31.7 25.6 38.4

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#4

Vinyl Chloride

Concen: 24.23 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002395.D

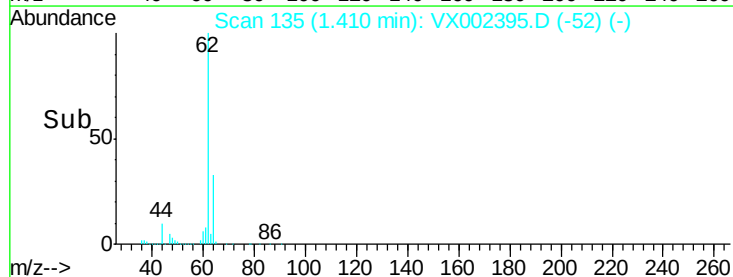
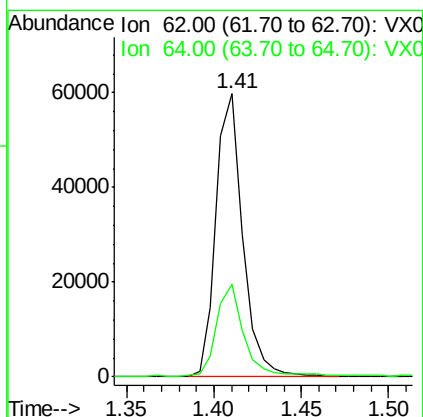
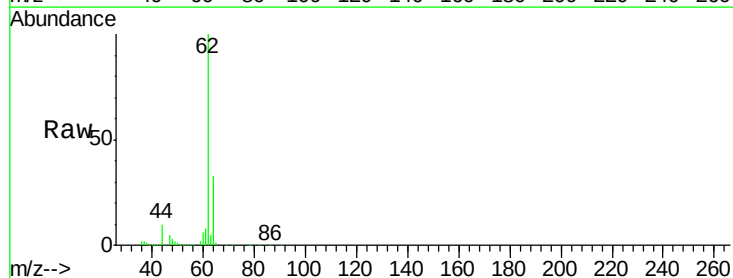
Acq: 08 Jun 2018 11:53

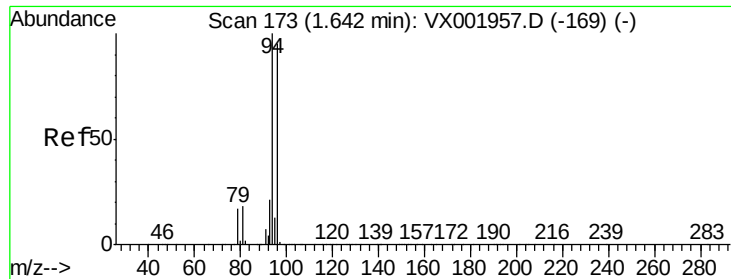
Tgt Ion: 62 Resp: 63352

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 22.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 94 Resp: 32924

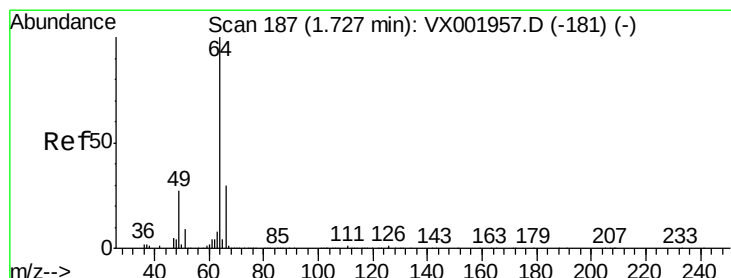
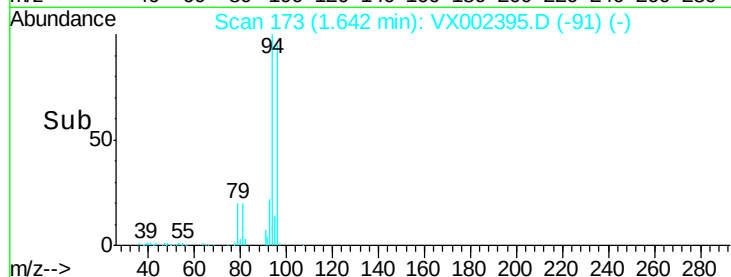
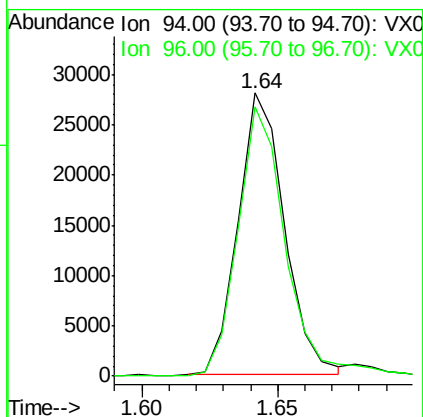
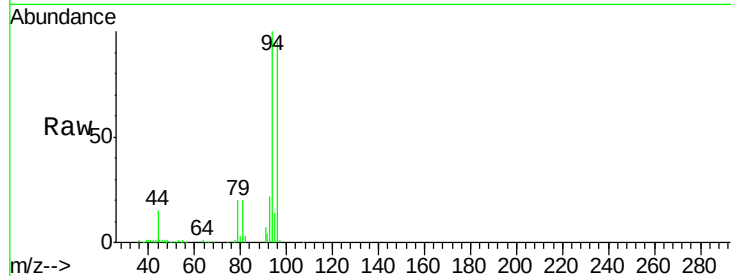
Ion Ratio Lower Upper

94 100

96 95.6 75.7 113.5

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#6

Chloroethane

Concen: 27.01 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX002395.D

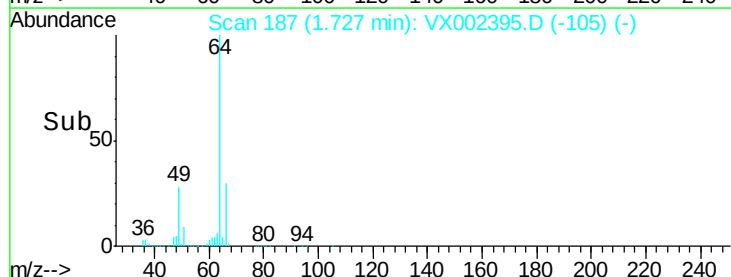
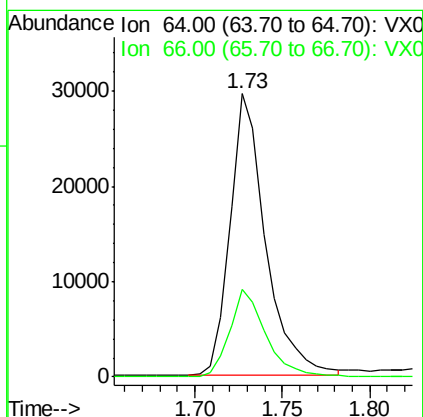
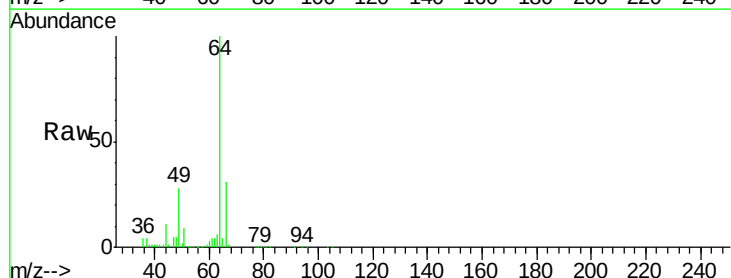
Acq: 08 Jun 2018 11:53

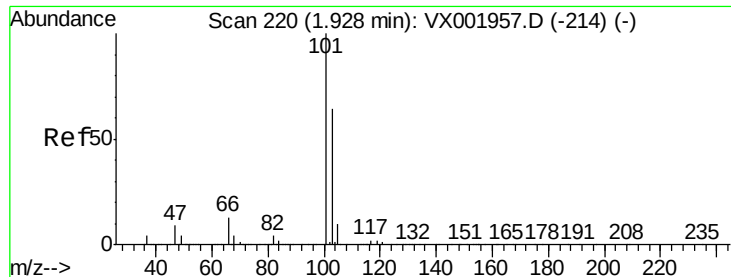
Tgt Ion: 64 Resp: 41785

Ion Ratio Lower Upper

64 100

66 30.6 24.3 36.5





#7

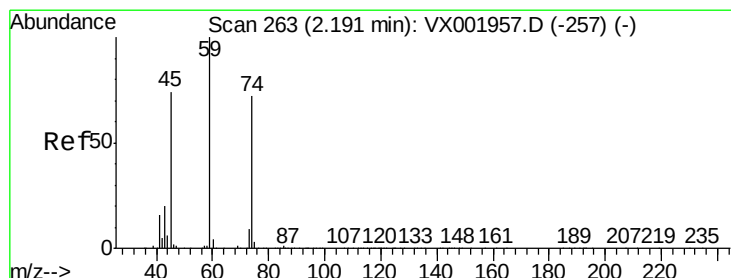
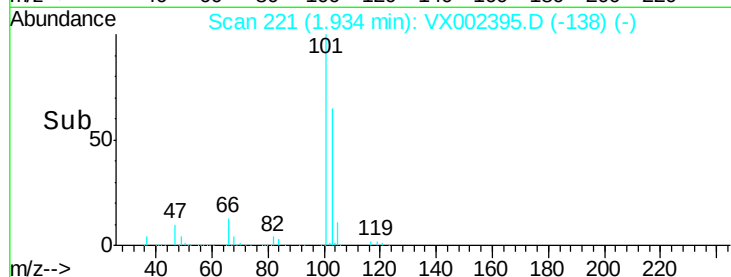
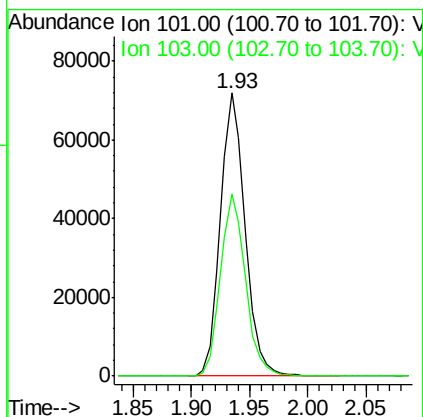
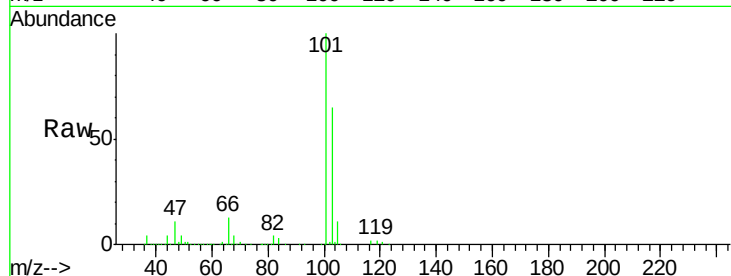
Trichlorofluoromethane
Concen: 26.45 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002395.D
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VX0608WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	105473		
103	64.5	51.5	77.3	

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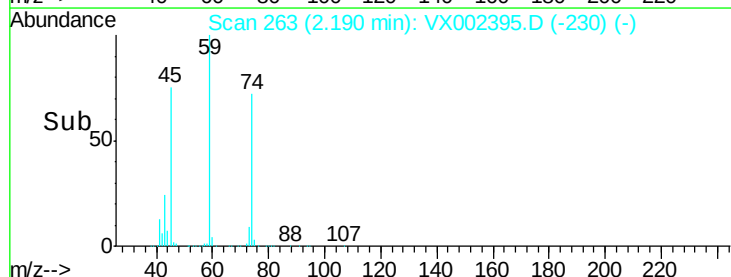
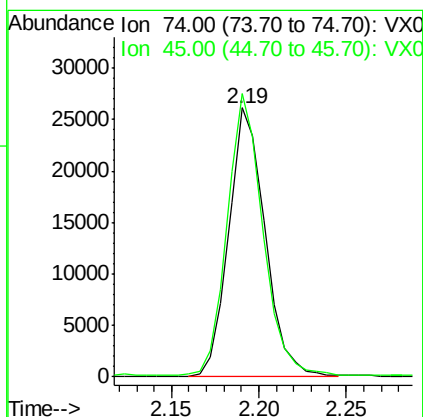
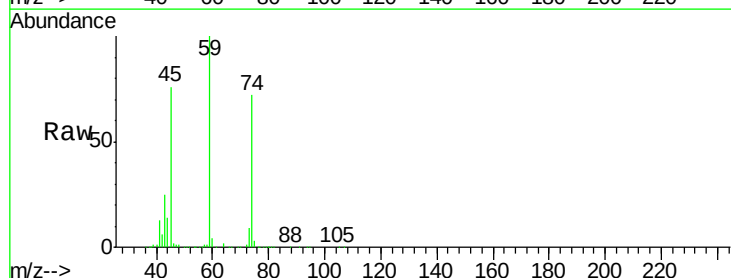
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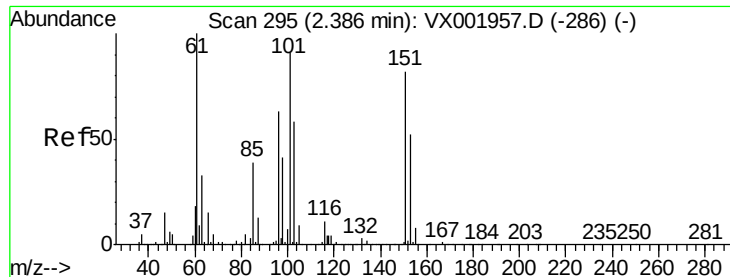


#8

Diethyl Ether
Concen: 25.27 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	37929		
45	102.9	20.5	184.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 28.15 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

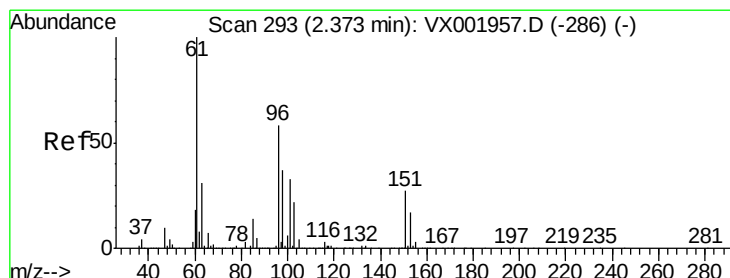
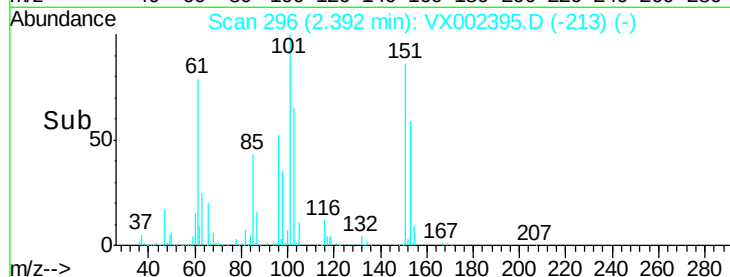
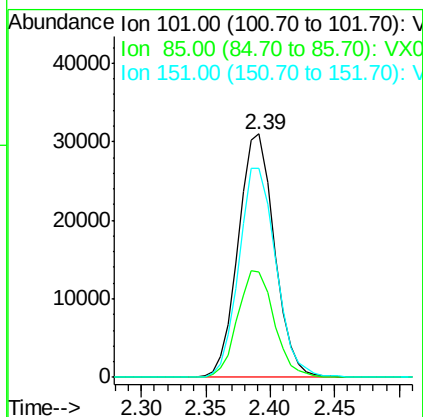
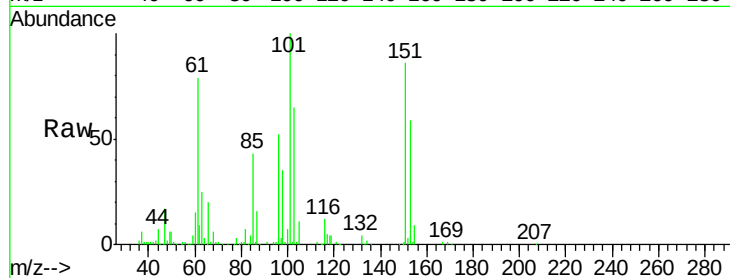
ClientSampleId :

VX0608WBS01

Tgt Ion:	101	Resp:	60463
Ion Ratio	Lower	Upper	
101	100		
85	44.2	0.0	87.0
151	88.0	0.0	177.6

Manual Integrations
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6/11/2018 9:30:14 AM



#10

1,1-Dichloroethene

Concen: 25.75 ug/l

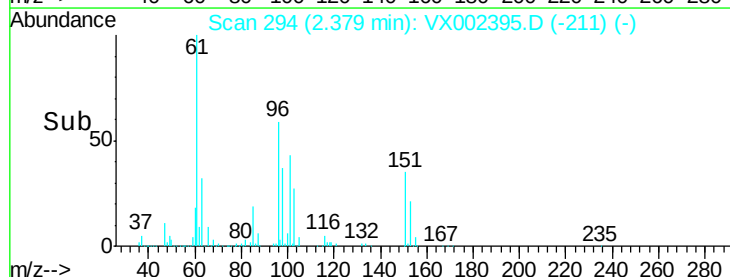
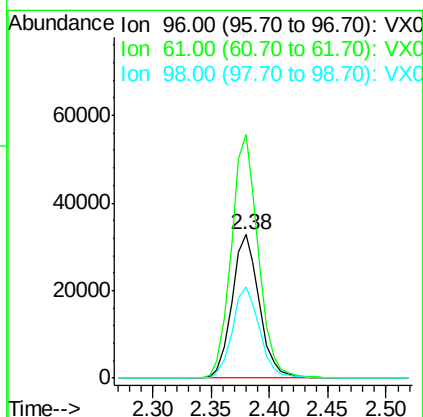
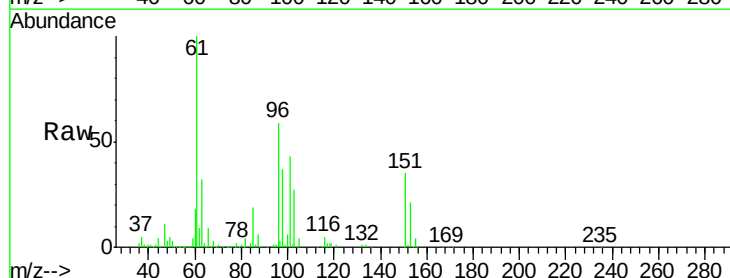
RT: 2.38 min Scan# 294

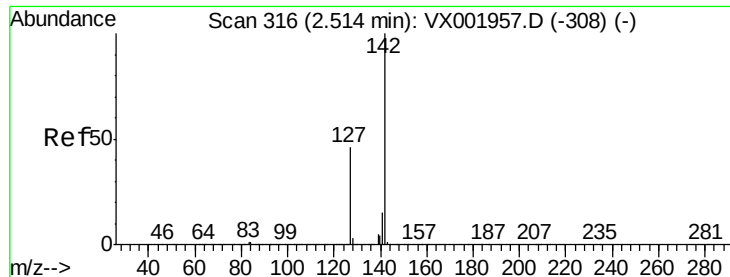
Delta R.T. 0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Tgt Ion:	96	Resp:	53327
Ion Ratio	Lower	Upper	
96	100		
61	170.0	137.5	206.3
98	63.4	51.4	77.2





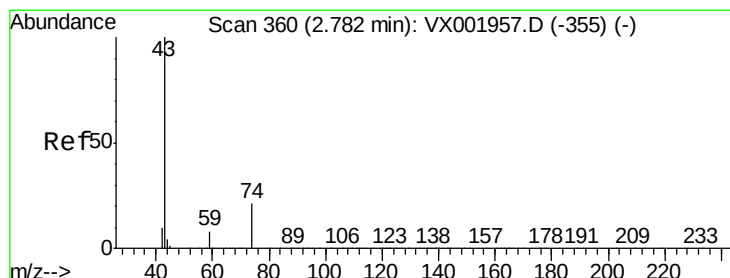
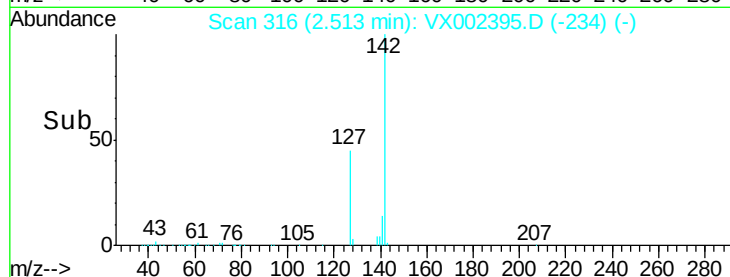
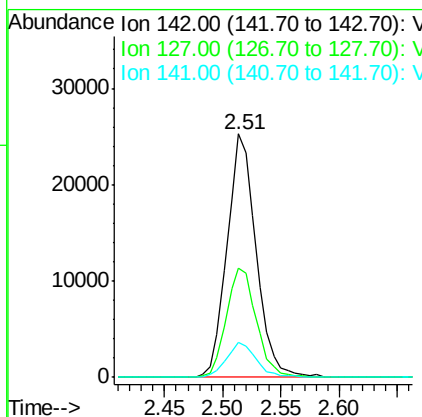
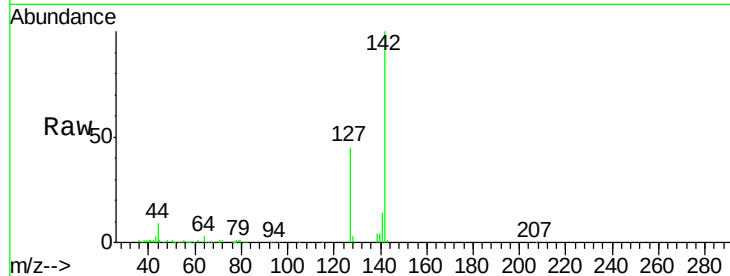
#11
Methyl Iodide
Concen: 13.49 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.9	23.2	69.6
141	14.1	7.4	22.2

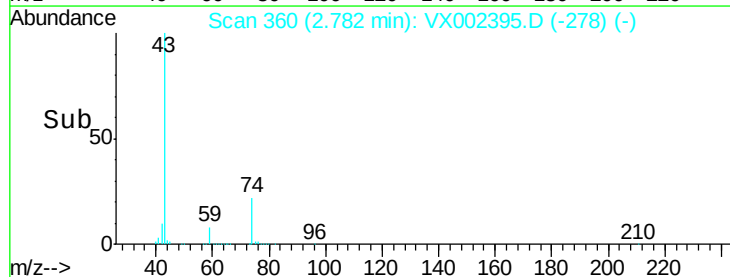
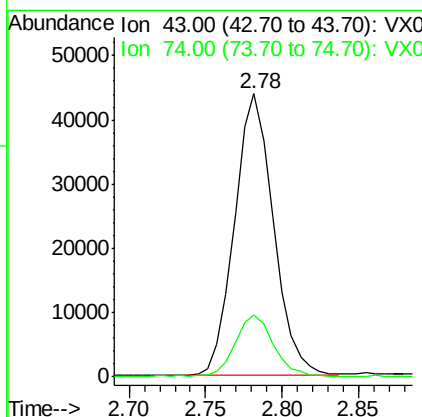
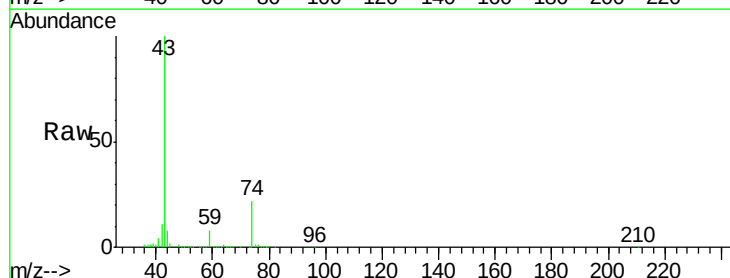
Manual Integrations
APPROVED

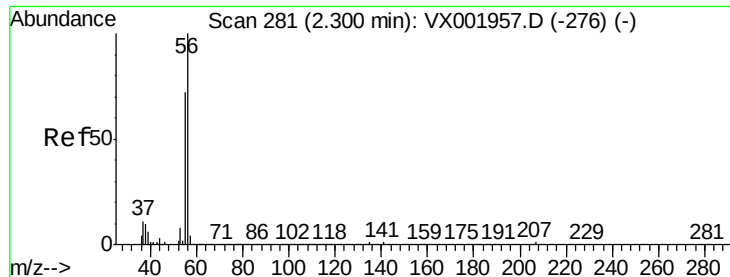
MMDadoda
6/11/2018 9:30:14 AM



#12
Methyl Acetate
Concen: 23.02 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.4	24.6





#13

Acrolein

Concen: 90.85 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 56 Resp: 25961

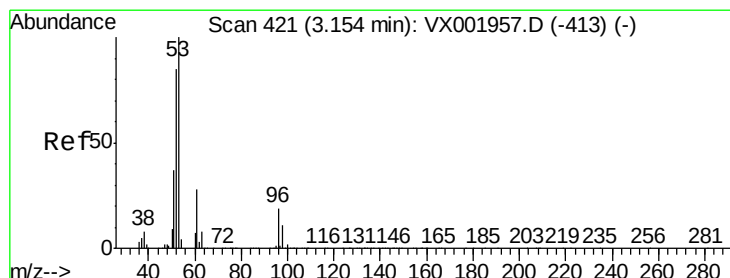
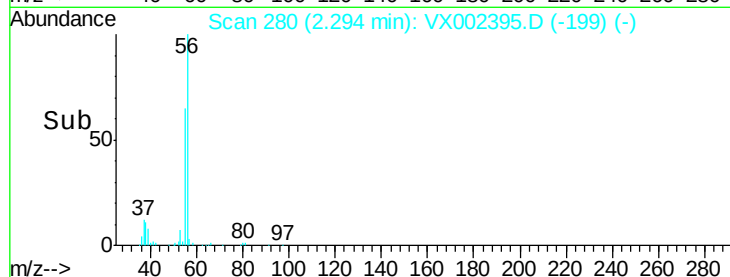
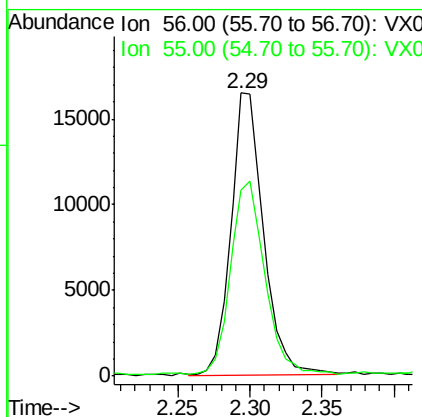
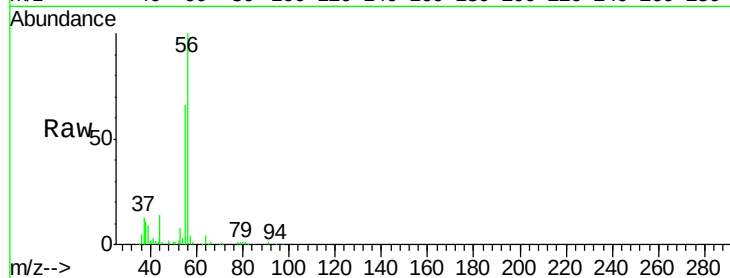
Ion Ratio Lower Upper

56 100

55 72.2 57.3 85.9

Manual Integrations
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#14

Acrylonitrile

Concen: 117.89 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

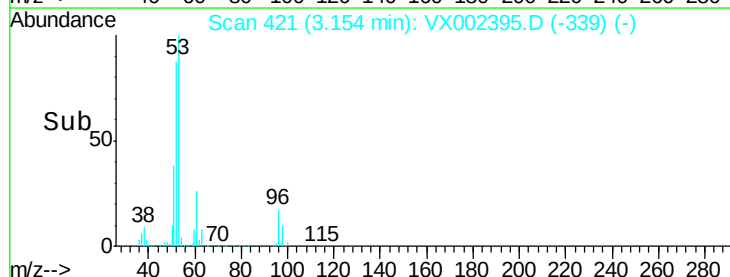
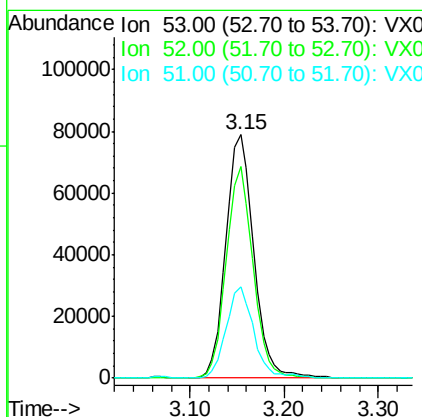
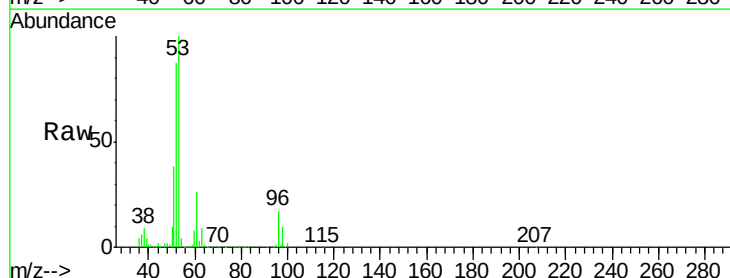
Tgt Ion: 53 Resp: 162799

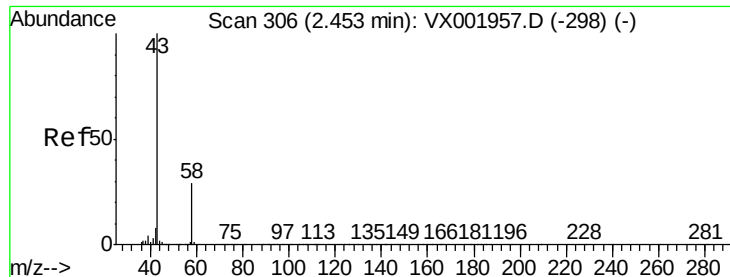
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.6

51 37.2 17.9 53.8





#15

Acetone

Concen: 139.13 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 58 Resp: 51218

Ion Ratio Lower Upper

58 100

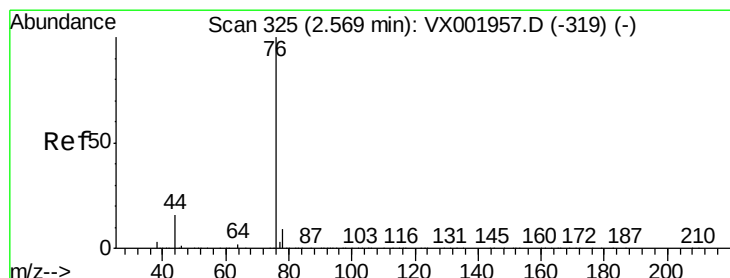
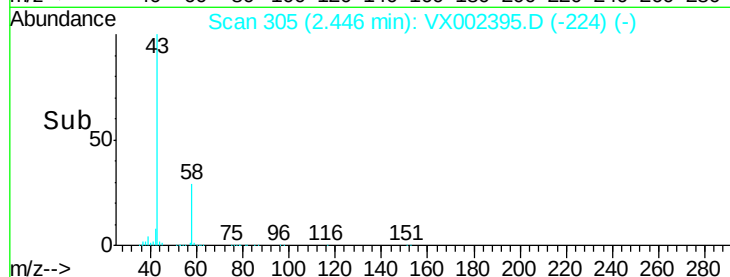
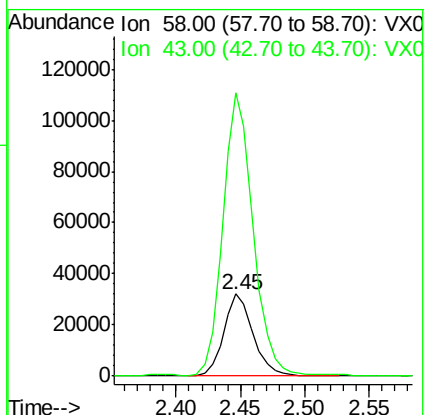
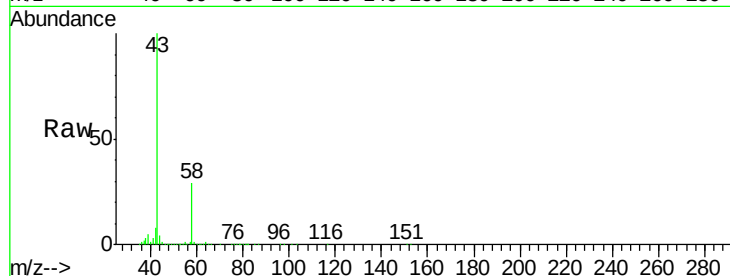
43 342.5 278.8 418.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 20.19 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002395.D

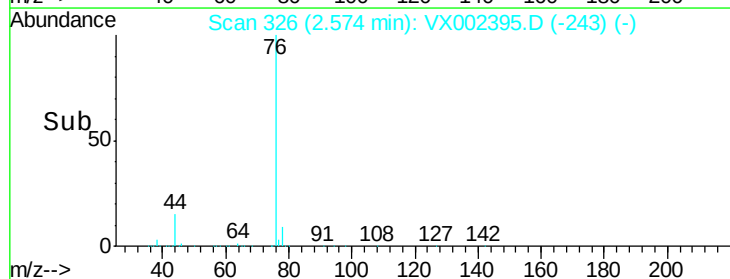
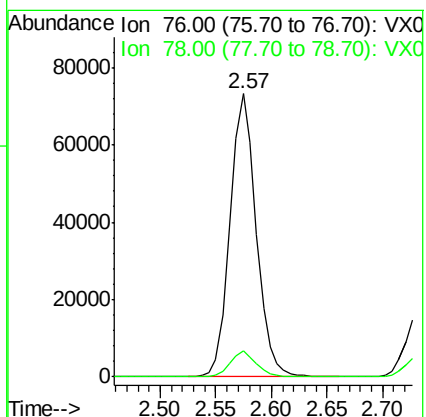
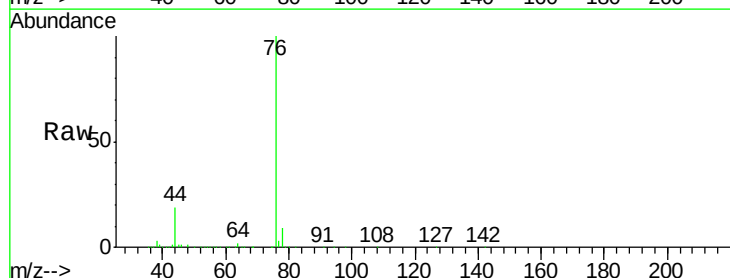
Acq: 08 Jun 2018 11:53

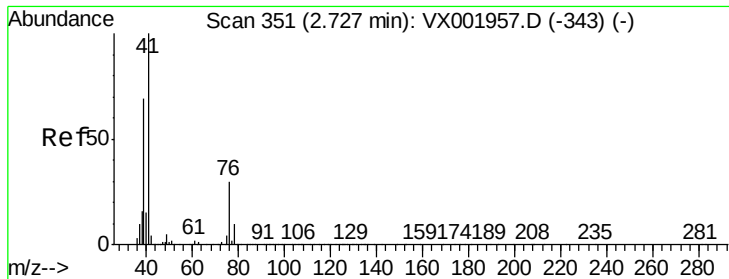
Tgt Ion: 76 Resp: 119366

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





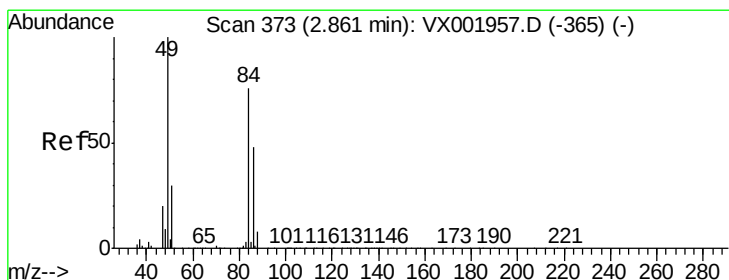
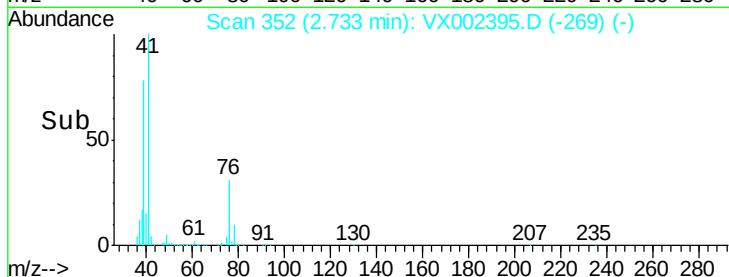
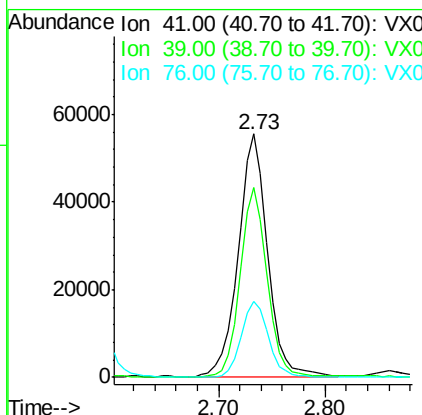
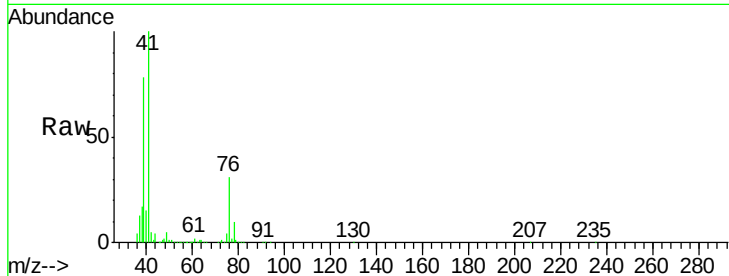
#17
 Allyl chloride
 Concen: 24.99 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.7	34.6	103.8
76	30.9	15.0	45.1

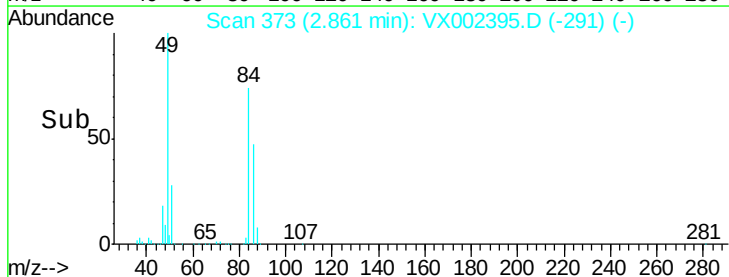
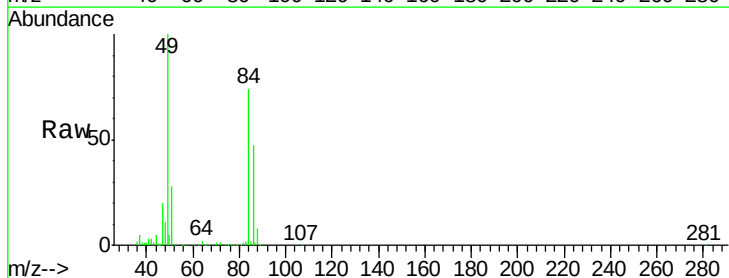
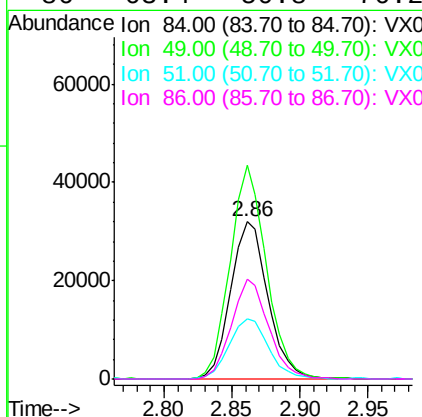
Manual Integrations
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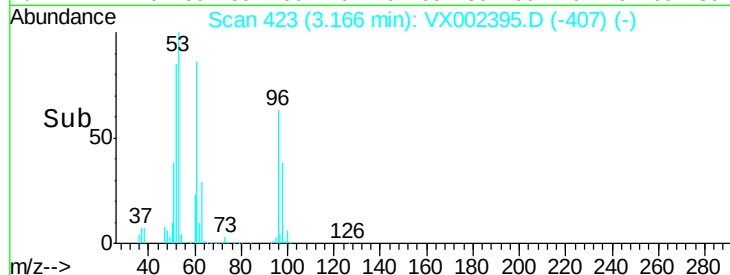
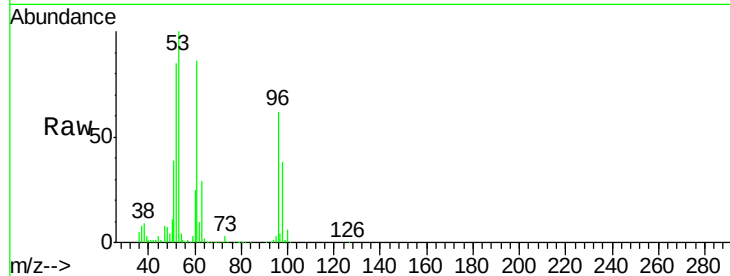
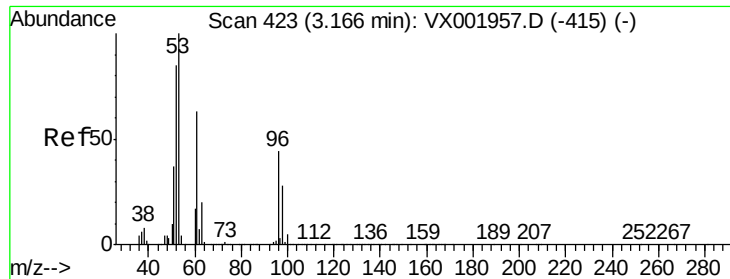
MMDadoda
 6/11/2018 9:30:14 AM



#18
 Methylene Chloride
 Concen: 26.31 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.6	104.7	157.1
51	38.0	31.0	46.4
86	63.4	50.8	76.2





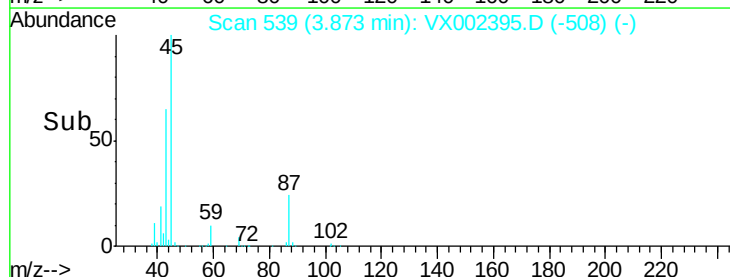
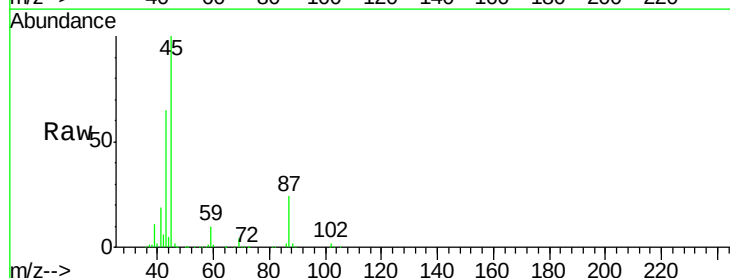
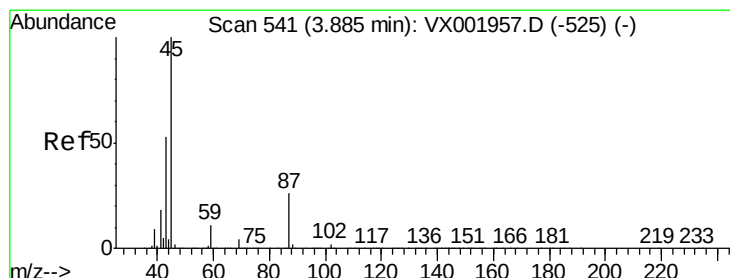
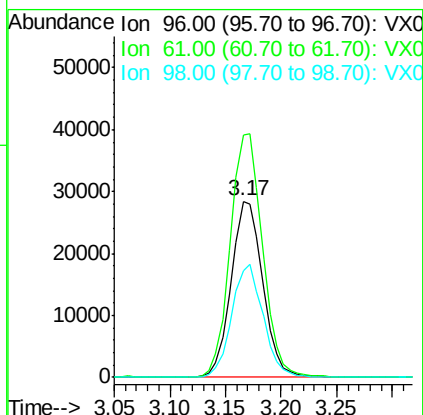
#19
trans-1,2-Dichloroethene
Concen: 25.69 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.6	114.6	172.0
98	60.7	51.3	76.9

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

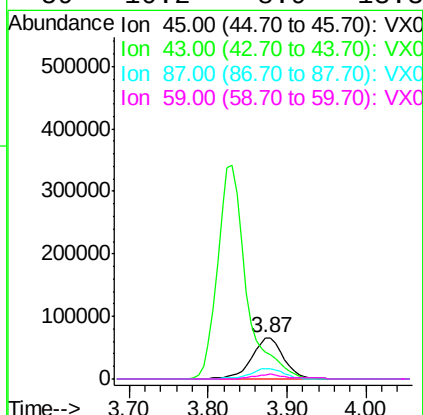
Manual Integrations
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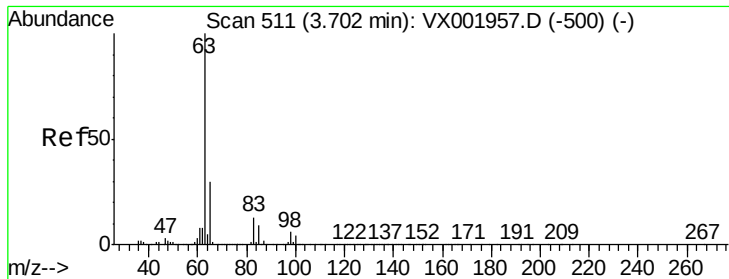
MMDadoda
6/11/2018 9:30:14 AM



#20
Diisopropyl ether
Concen: 22.65 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	45.6	68.4
87	23.9	20.7	31.1
59	10.2	8.9	13.3





#21

1,1-Dichloroethane

Concen: 26.12 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

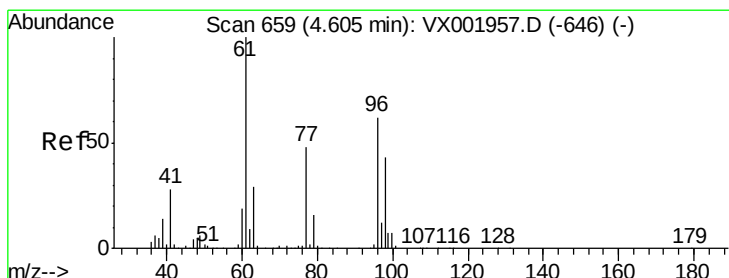
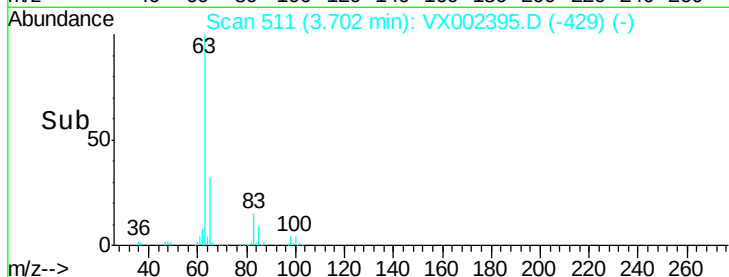
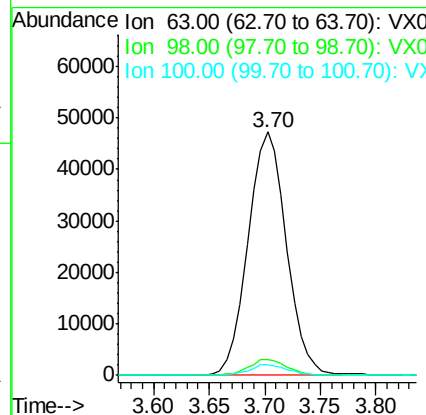
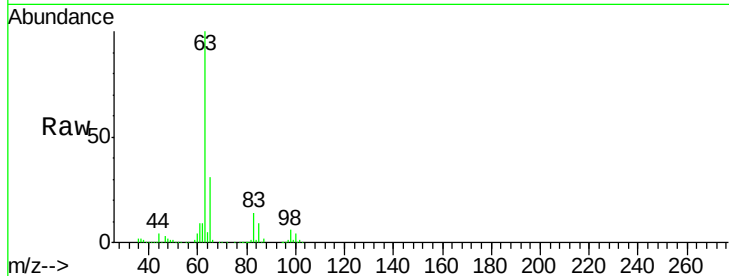
ClientSampleId :

VX0608WBS01

Tgt Ion:	63	Resp:	113450
Ion Ratio		Lower	Upper
63	100		
98	6.5	3.1	9.3
100	4.3	2.2	6.6

Manual Integrations
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MMDadoda
6/11/2018 9:30:14 AM



#22

cis-1,2-Dichloroethene

Concen: 21.78 ug/l

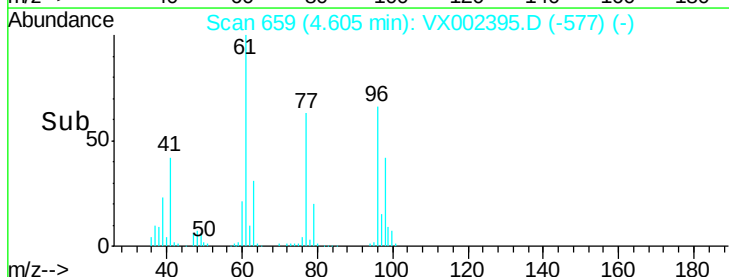
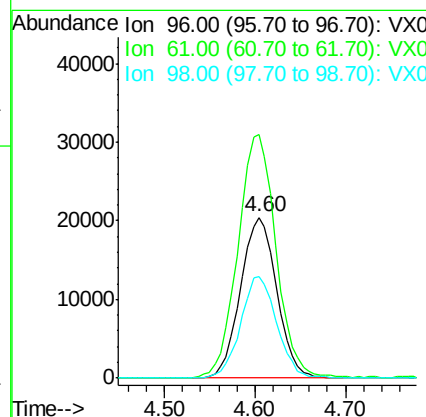
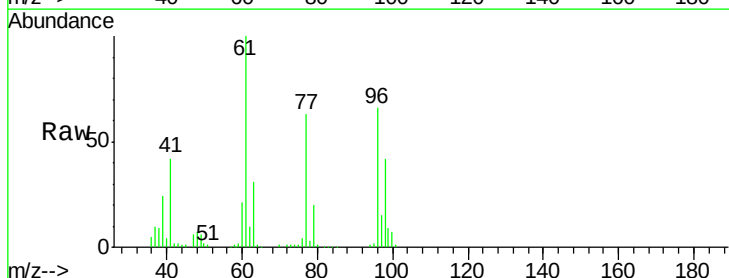
RT: 4.60 min Scan# 659

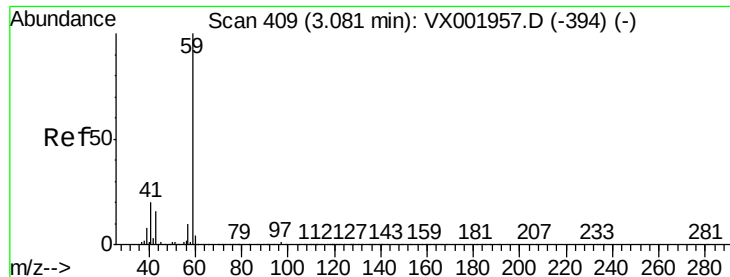
Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Tgt Ion:	96	Resp:	56862
Ion Ratio		Lower	Upper
96	100		
61	158.3	160.2	240.2#
98	62.7	54.1	81.1





#23

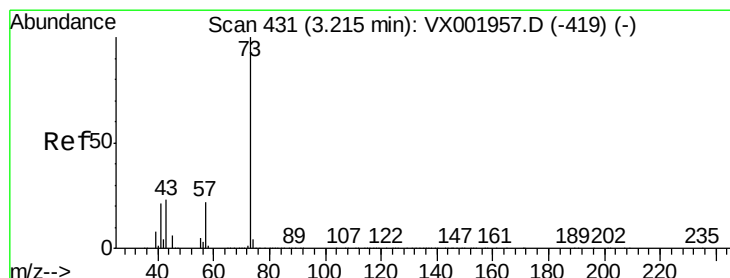
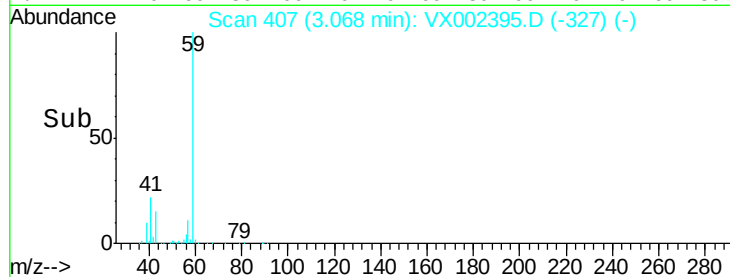
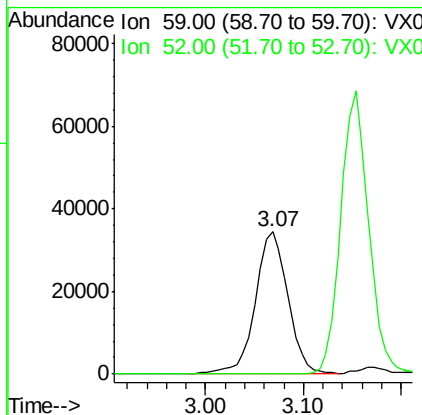
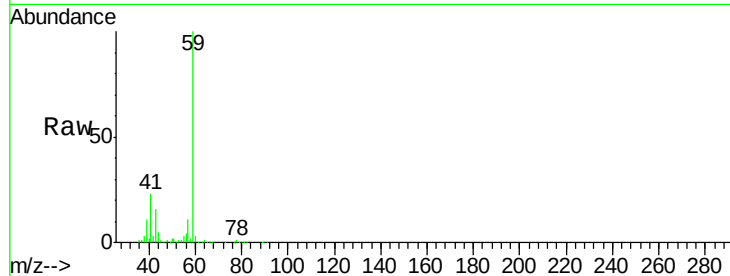
tert-Butyl Alcohol
Concen: 111.29 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

Manual Integrations
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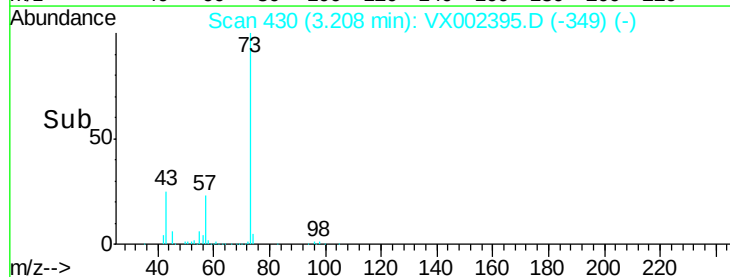
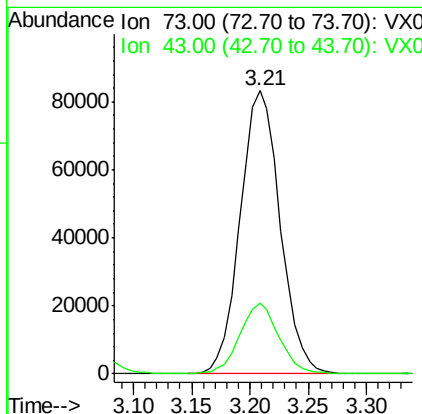
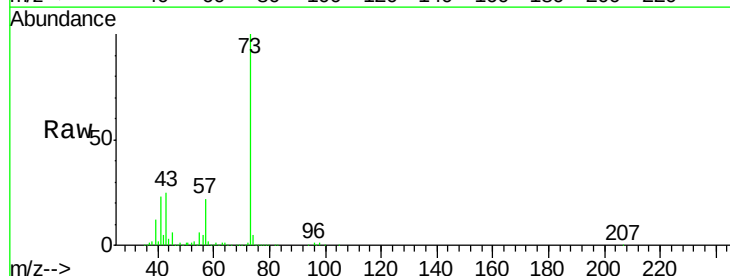
MMDadoda
6/11/2018 9:30:14 AM

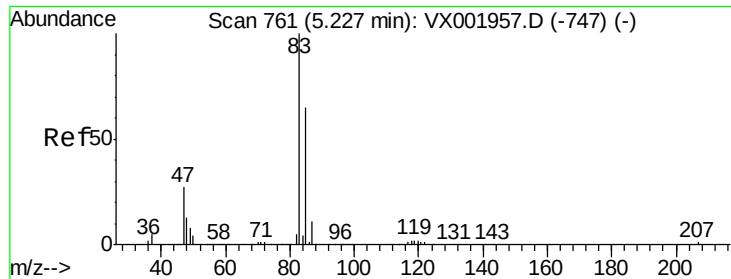


#24

Methyl tert-Butyl Ether
Concen: 24.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.9	19.0	28.4





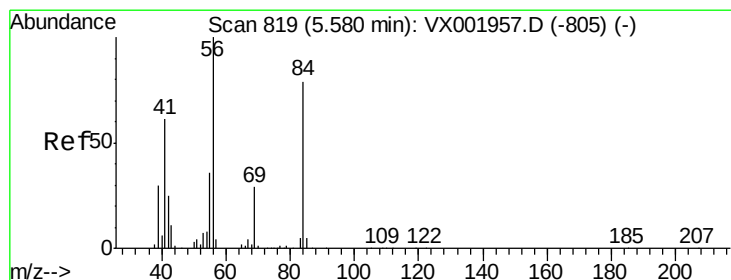
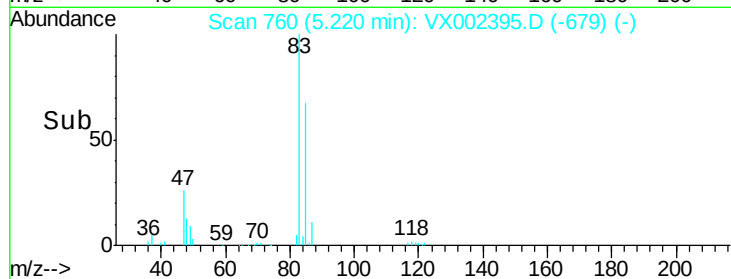
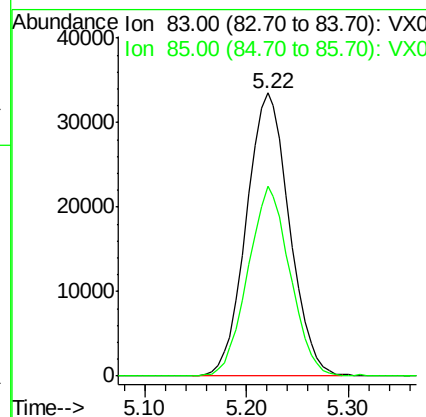
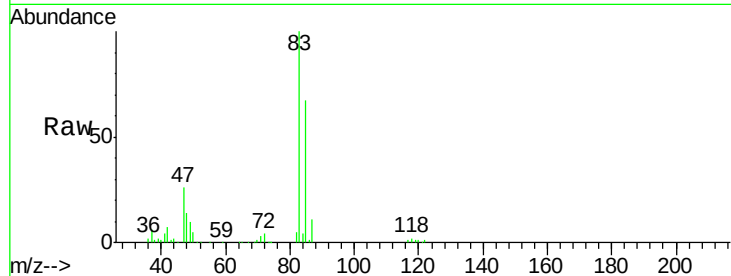
#25
Chloroform
Concen: 21.54 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.9	77.9

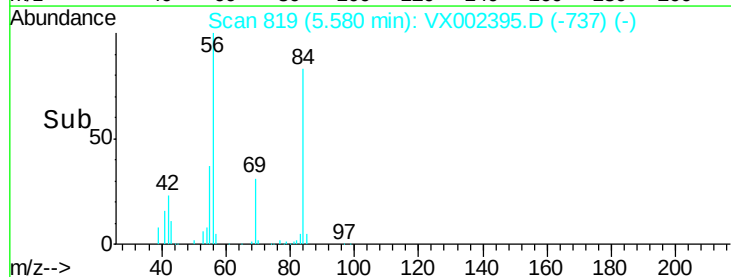
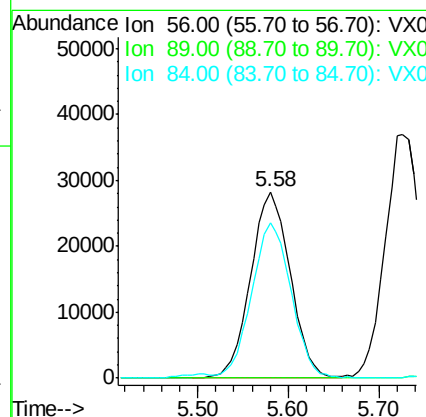
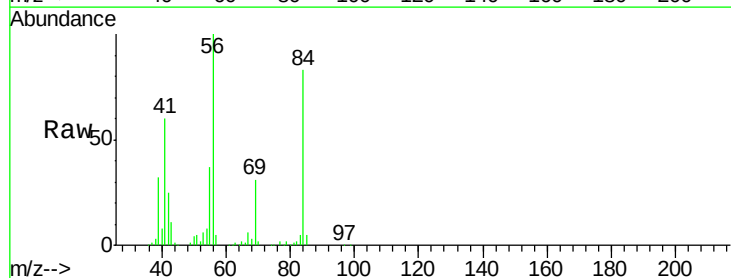
Manual Integrations
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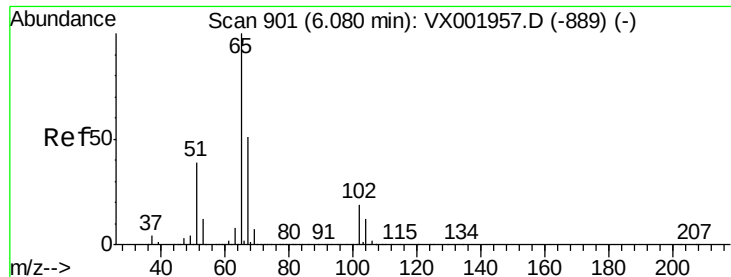
MMDadoda
6/11/2018 9:30:14 AM



#26
Cyclohexane
Concen: 21.36 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	82.5	64.9	97.3





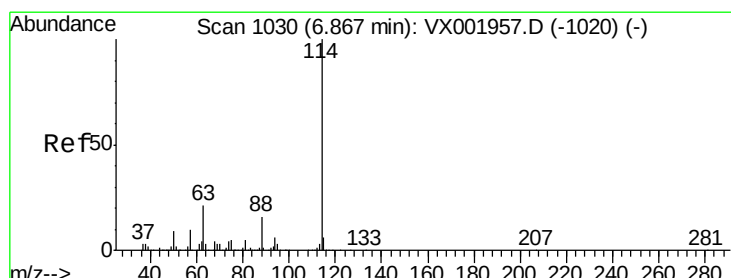
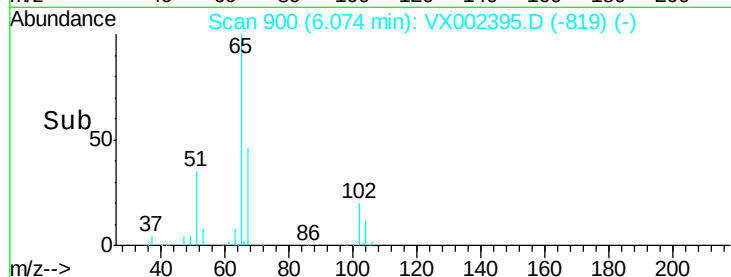
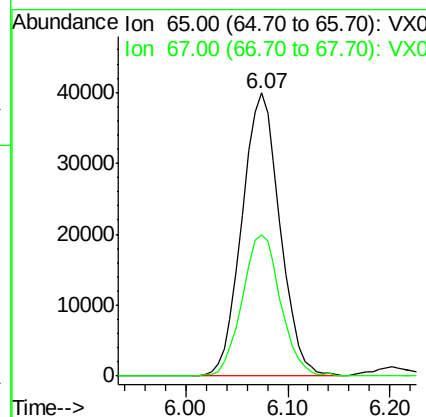
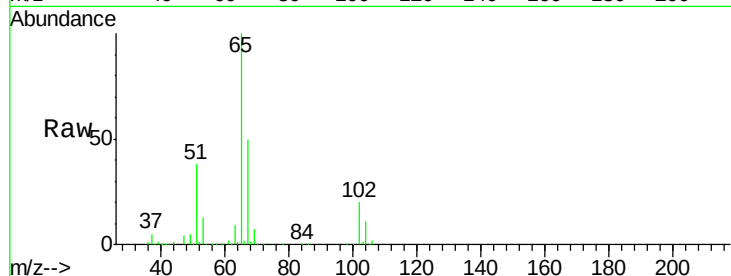
#27
 1,2-Dichloroethane-d4
 Concen: 31.57 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	103409		
67	50.3	40.9	61.3	

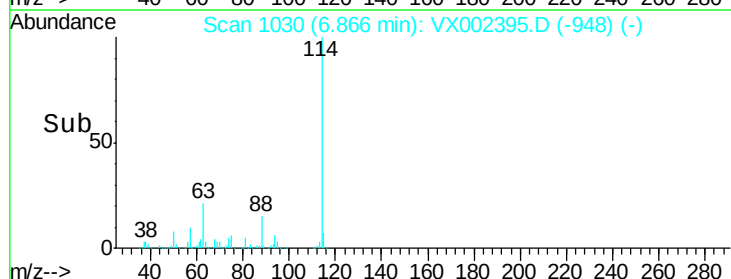
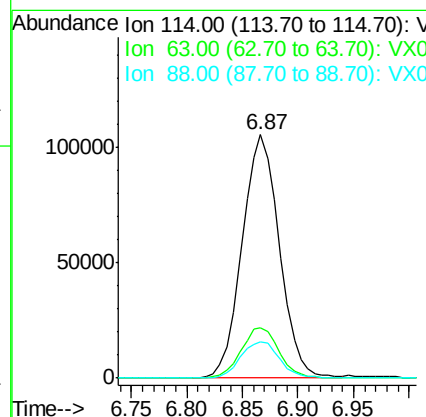
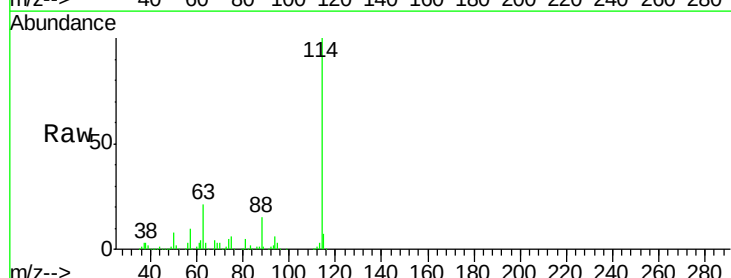
Manual Integrations
 APPROVED

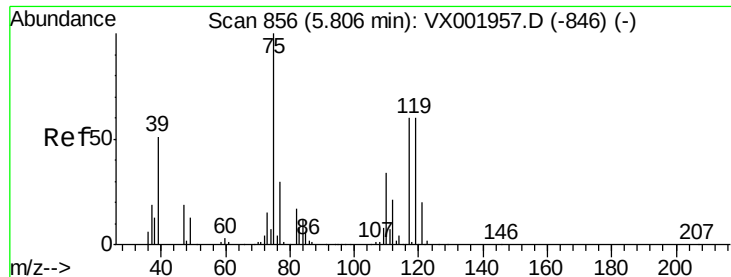
MMDadoda
 6/11/2018 9:30:14 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	245657		
63	20.9	17.1	25.7	
88	15.4	12.6	19.0	





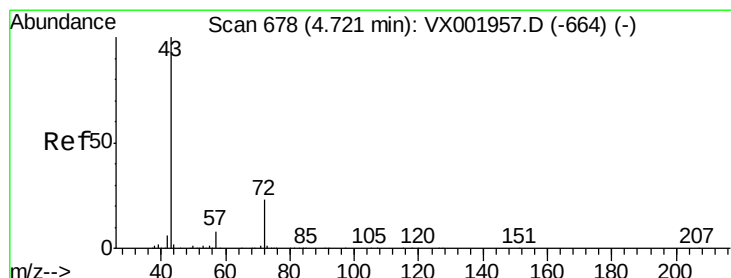
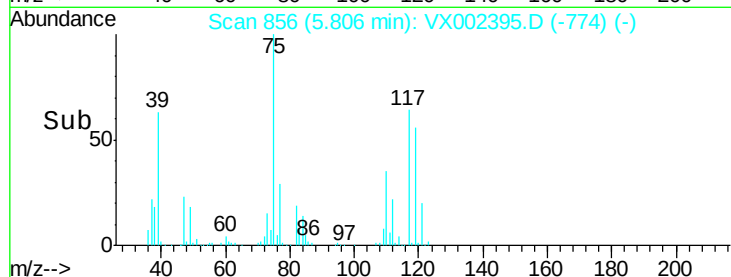
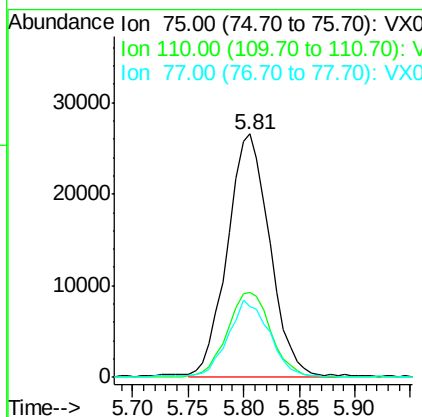
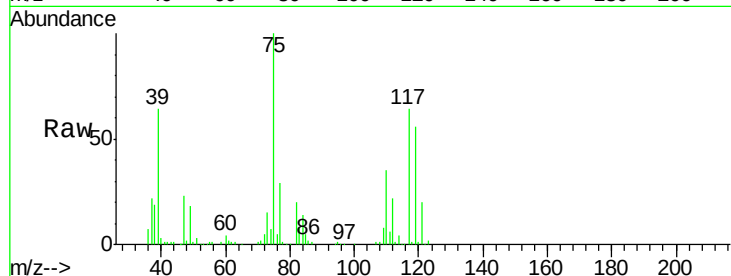
#29
 1,1-Dichloropropene
 Concen: 20.51 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	71.4
77	30.9	0.0	60.6

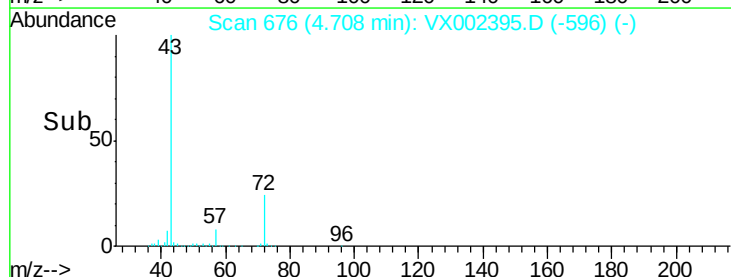
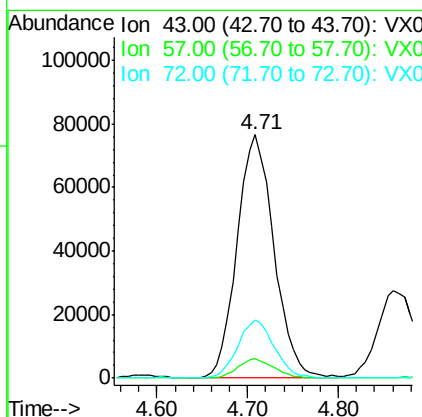
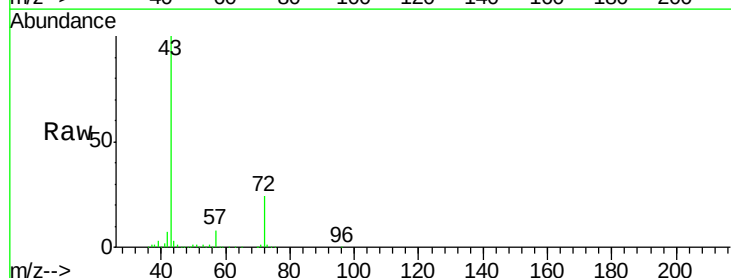
Manual Integrations
 APPROVED

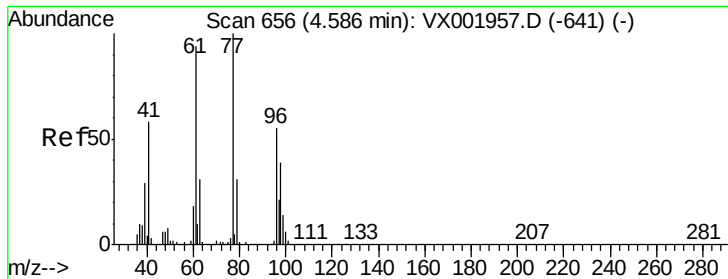
MMDadoda
 6/11/2018 9:30:14 AM



#30
 2-Butanone
 Concen: 89.94 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.1	9.1
72	23.7	18.1	27.1





#31

2,2-Dichloropropane

Concen: 25.21 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tgt Ion: 77 Resp: 76147

Ion Ratio Lower Upper

77 100

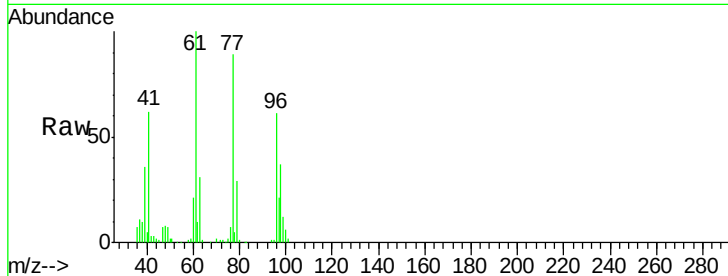
97 23.2 18.7 28.1

Manual Integrations

APPROVED

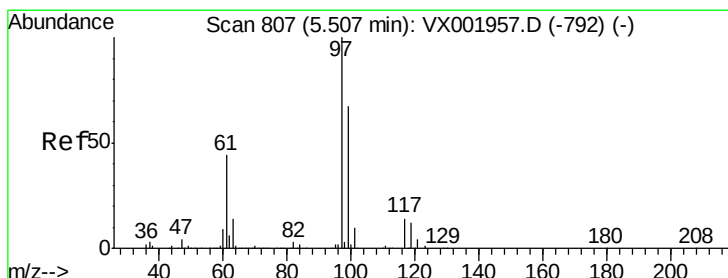
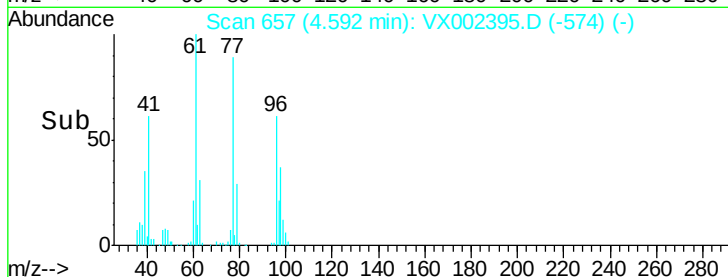
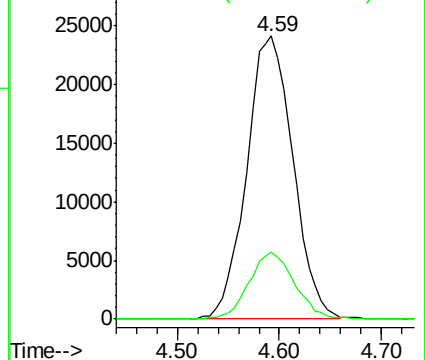
MMDadoda

6/11/2018 9:30:14 AM



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.00 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

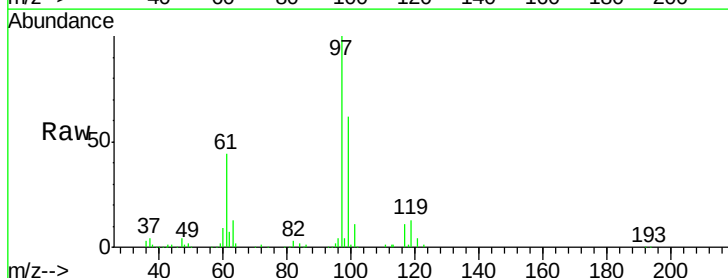
Tgt Ion: 97 Resp: 85308

Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

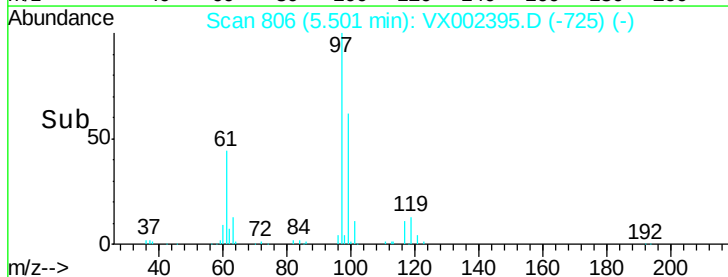
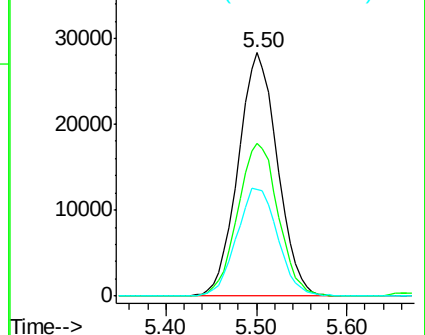
61 46.0 36.4 54.6

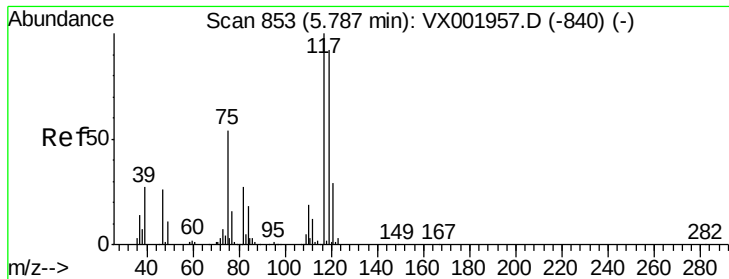


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





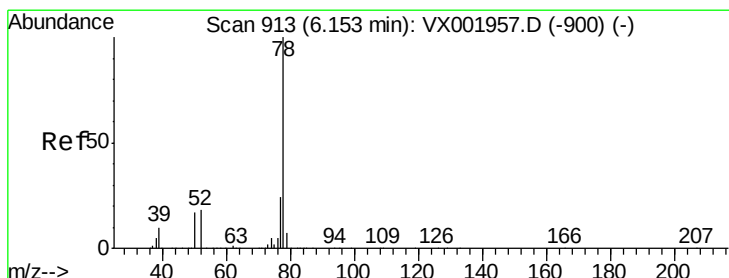
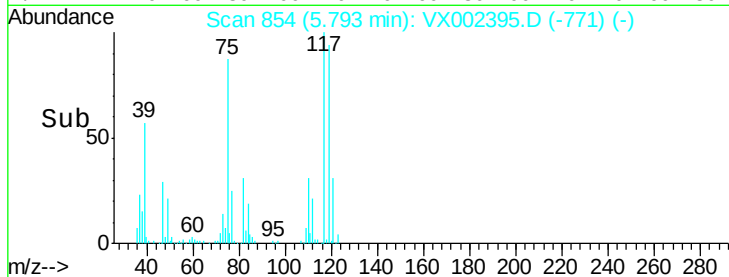
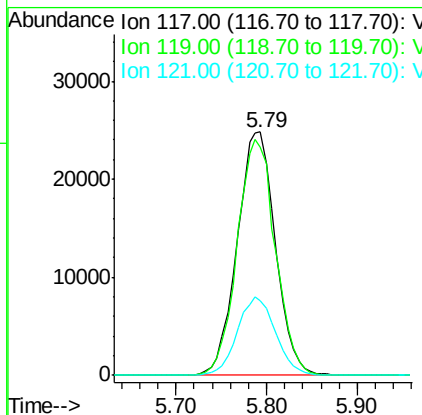
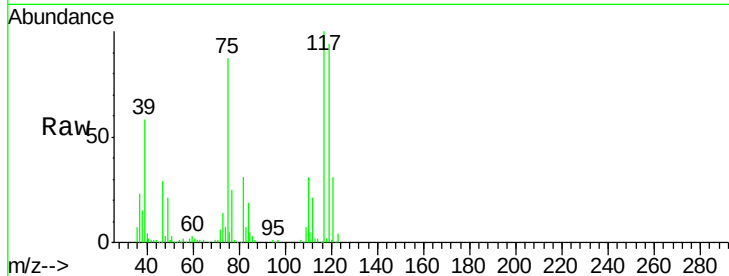
#33
Carbon Tetrachloride
Concen: 17.84 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.3	109.9
121	30.5	23.6	35.4

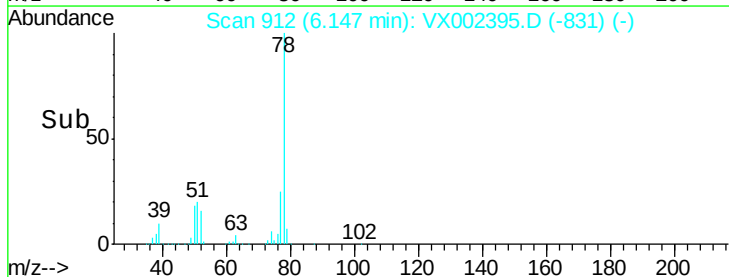
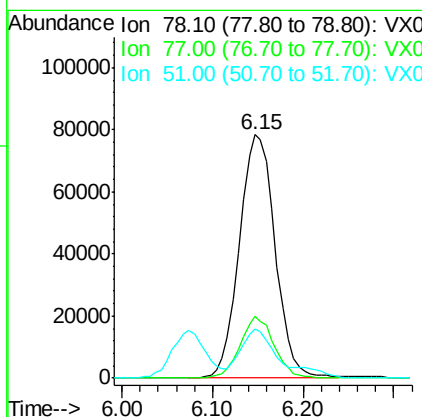
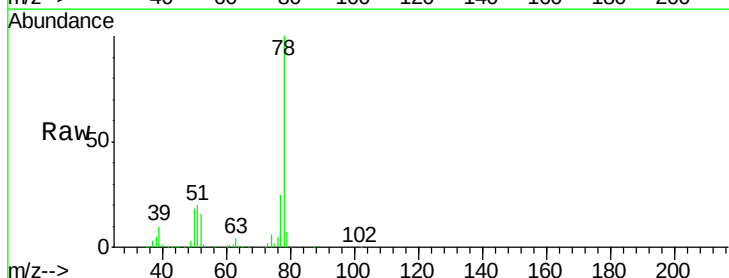
Manual Integrations
APPROVED

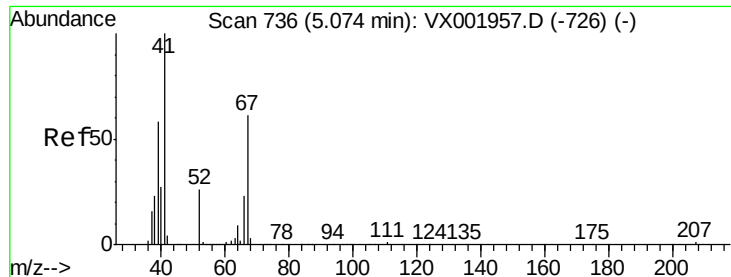
MMDadoda
6/11/2018 9:30:14 AM



#34
Benzene
Concen: 20.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.4	29.0
51	19.3	13.8	20.6





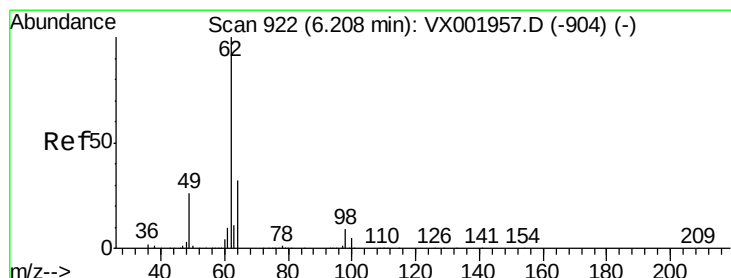
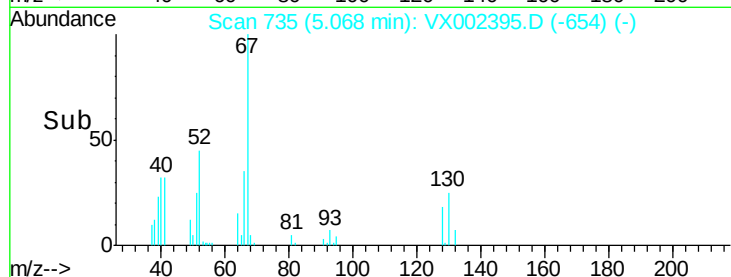
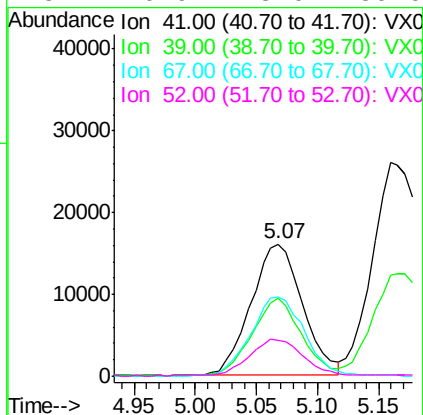
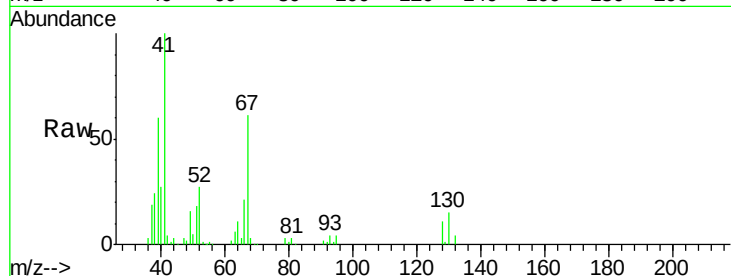
#35
Methacrylonitrile
Concen: 17.79 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	28.8	86.5
67	60.6	30.4	91.2
52	26.9	13.0	39.0

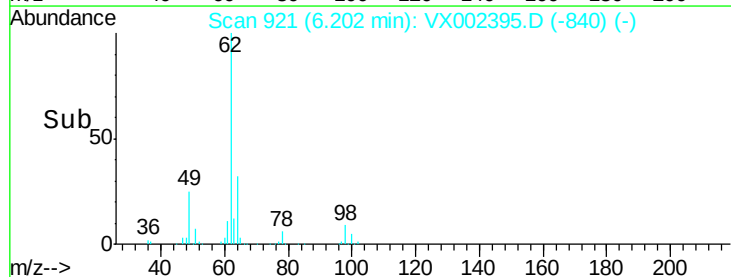
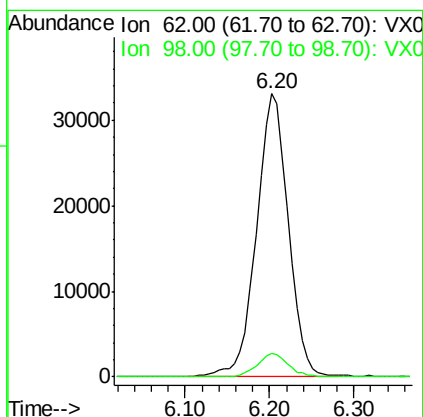
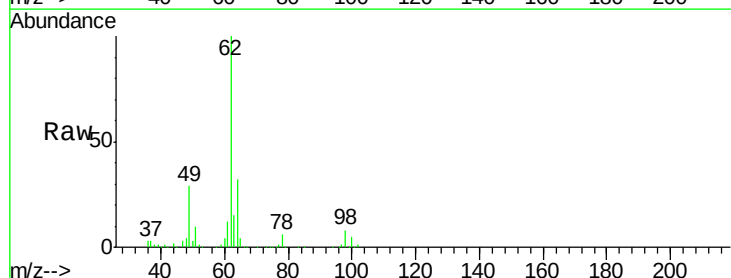
Manual Integrations
APPROVED

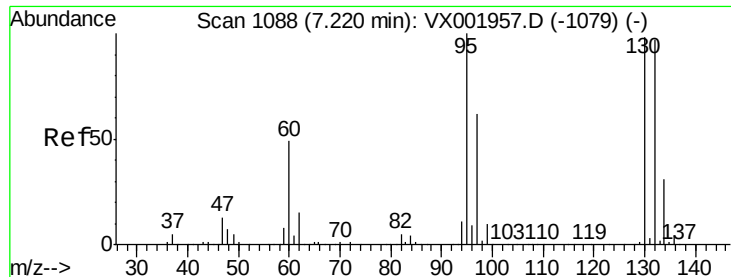
MMDadoda
6/11/2018 9:30:14 AM



#36
1,2-Dichloroethane
Concen: 21.24 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.5	9.7





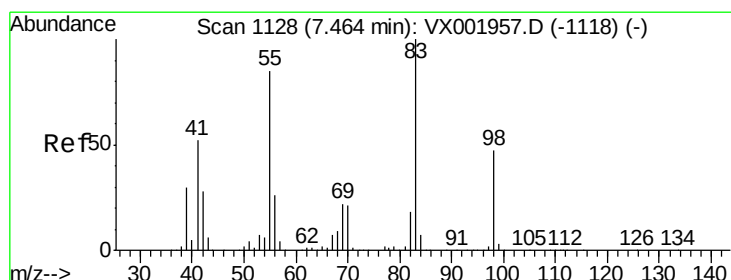
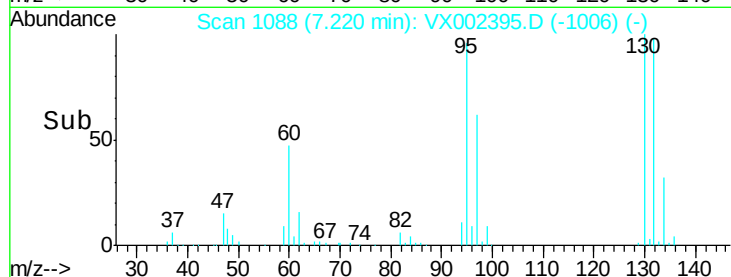
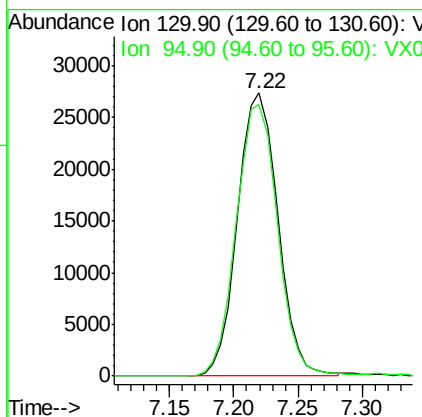
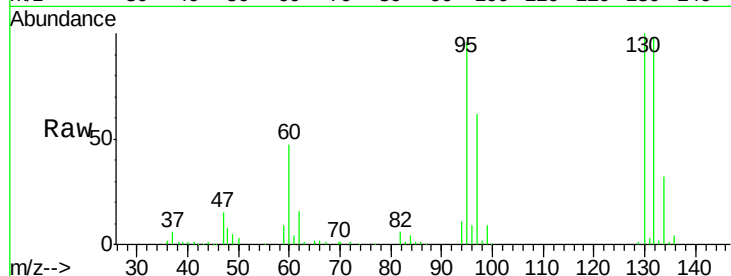
#37
 Trichloroethene
 Concen: 20.28 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion: 130 Resp: 59718
 Ion Ratio Lower Upper
 130 100
 95 96.0 81.5 122.3

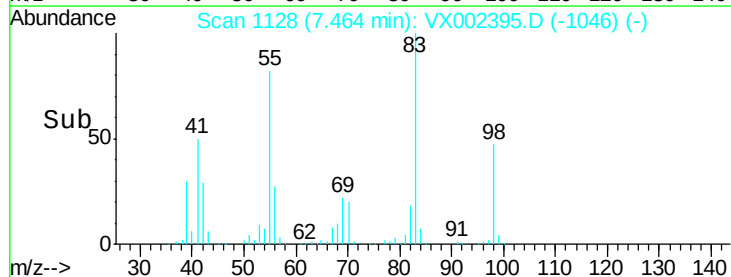
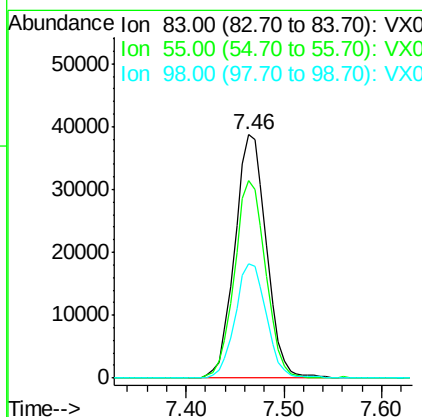
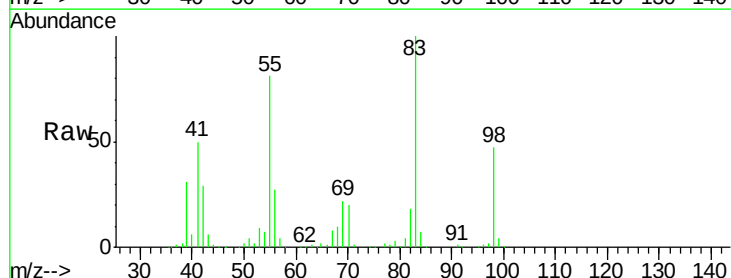
Manual Integrations
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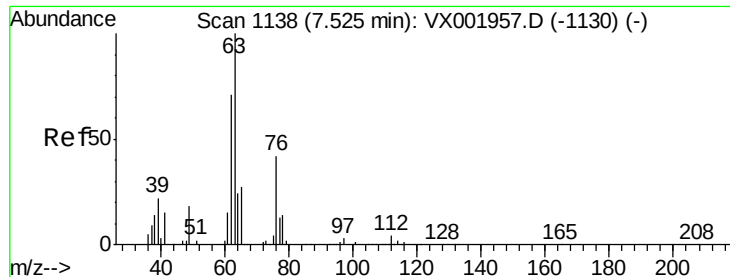
MMDadoda
 6/11/2018 9:30:14 AM



#38
 Methylcyclohexane
 Concen: 21.62 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion: 83 Resp: 86710
 Ion Ratio Lower Upper
 83 100
 55 80.2 40.6 121.8
 98 46.2 23.5 70.5





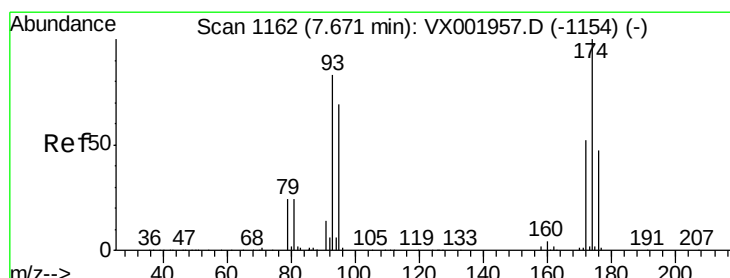
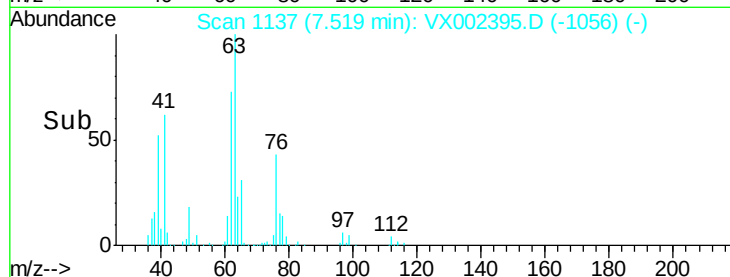
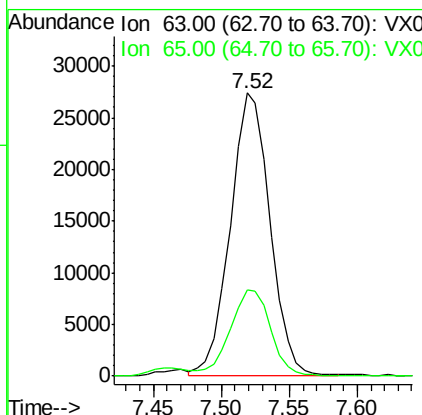
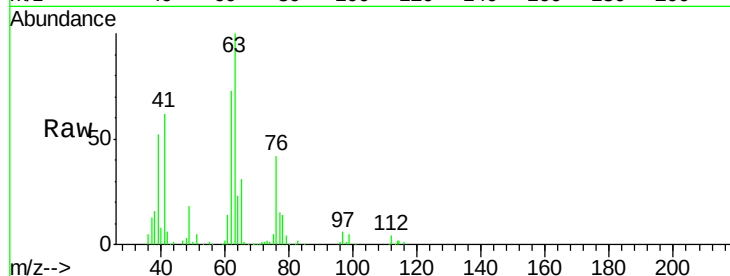
#39
 1,2-Dichloropropane
 Concen: 19.91 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion: 63 Resp: 55880
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.3 34.9

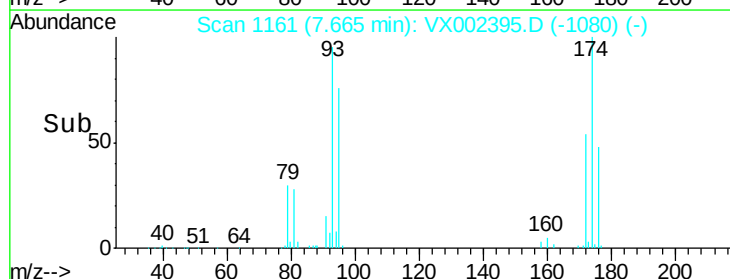
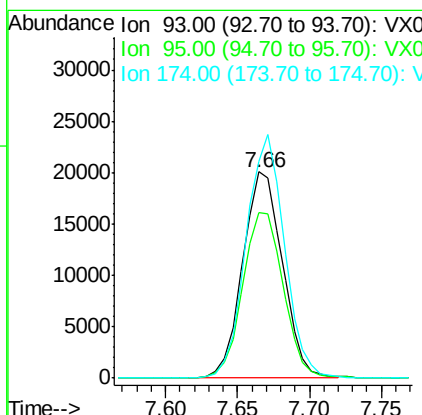
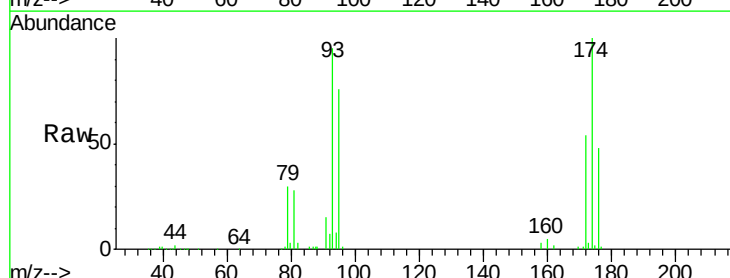
Manual Integrations
 APPROVED

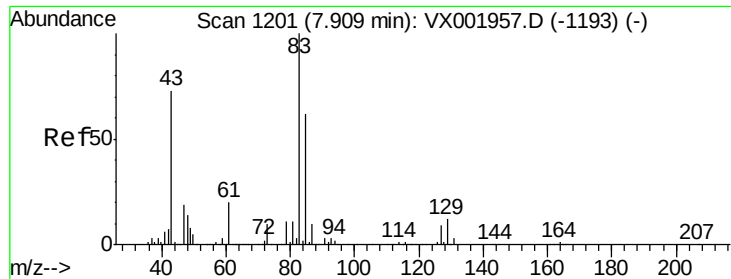
MMDadoda
 6/11/2018 9:30:14 AM



#40
 Dibromomethane
 Concen: 20.47 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion: 93 Resp: 38542
 Ion Ratio Lower Upper
 93 100
 95 81.6 0.0 162.6
 174 113.3 0.0 229.4





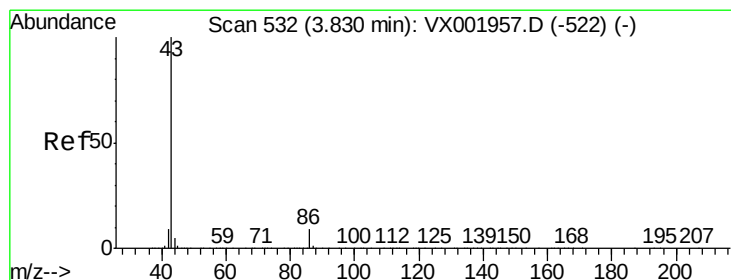
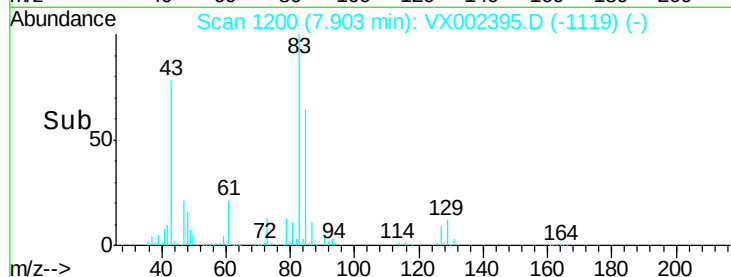
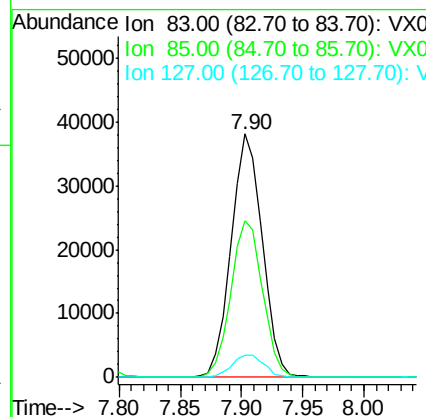
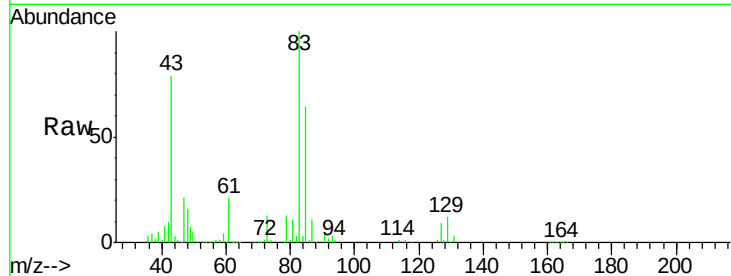
#41
Bromodichloromethane
Concen: 17.17 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.8	74.8
127	9.1	7.3	10.9

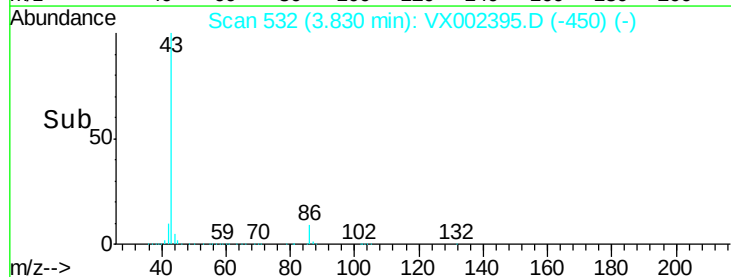
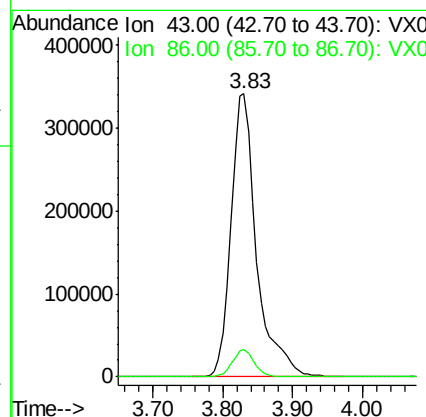
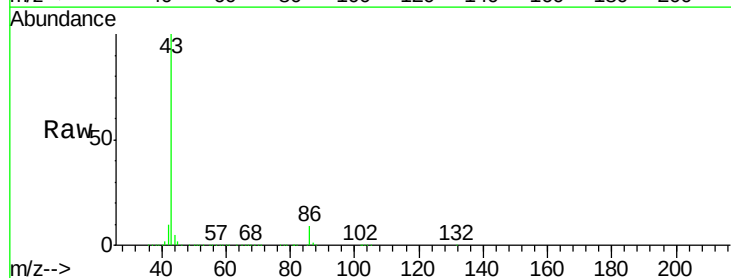
Manual Integrations
APPROVED

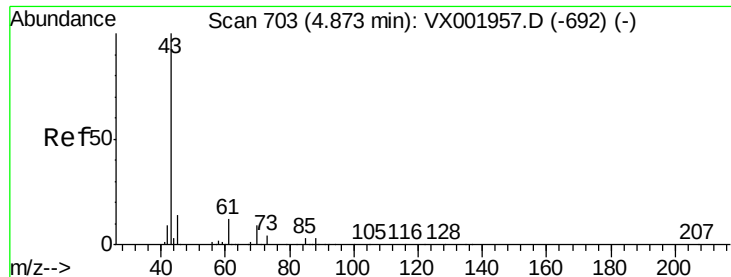
MMDadoda
6/11/2018 9:30:14 AM



#42
Vinyl Acetate
Concen: 114.26 ug/l
RT: 3.83 min Scan# 532
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.7	10.1





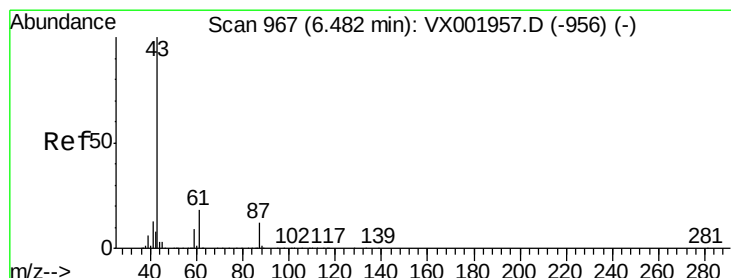
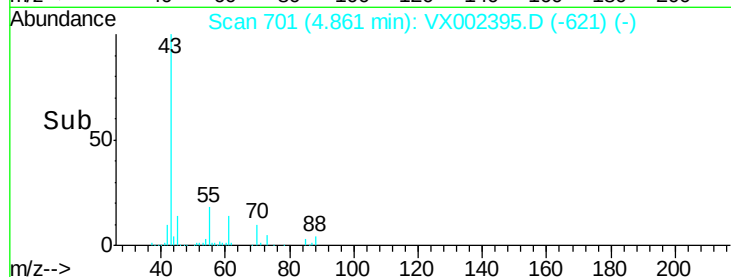
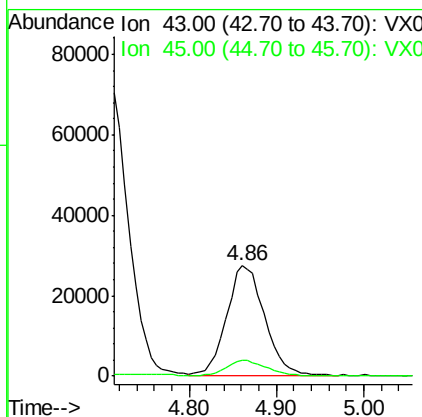
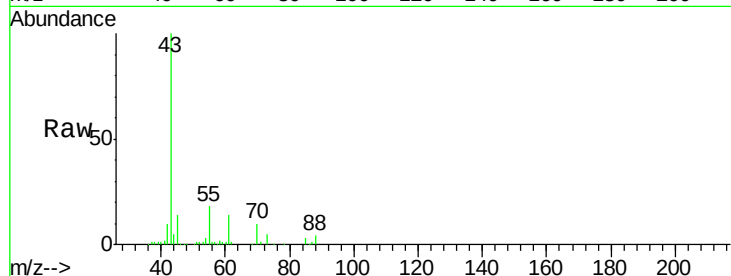
#43
Ethyl Acetate
Concen: 17.59 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion: 43 Resp: 82790
Ion Ratio Lower Upper
43 100
45 13.9 11.0 16.4

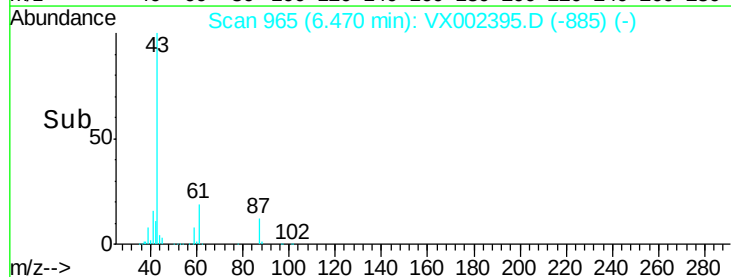
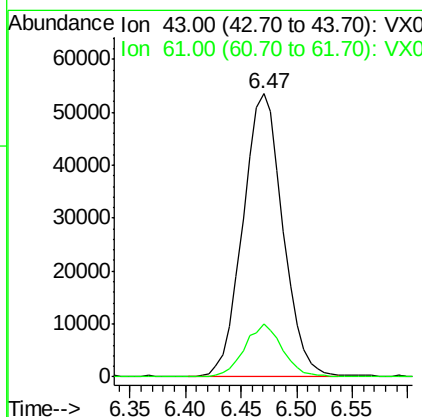
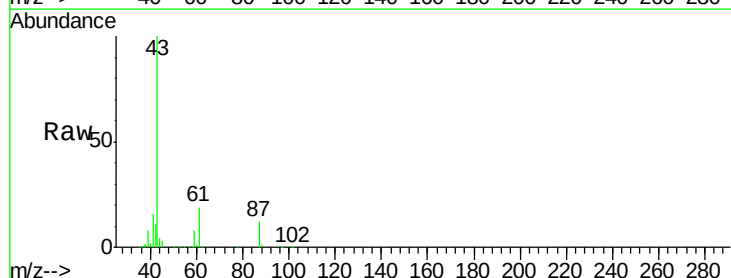
Manual Integrations
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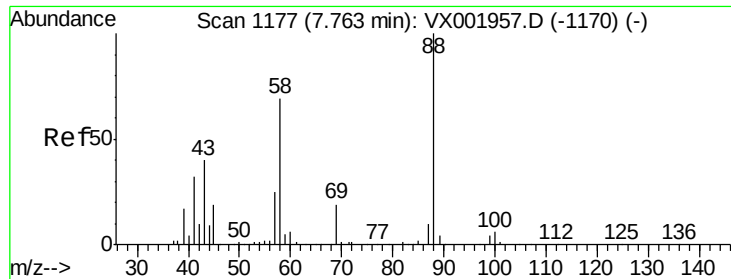
MMDadoda
6/11/2018 9:30:14 AM



#44
Isopropyl Acetate
Concen: 17.00 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion: 43 Resp: 133006
Ion Ratio Lower Upper
43 100
61 17.8 14.5 21.7





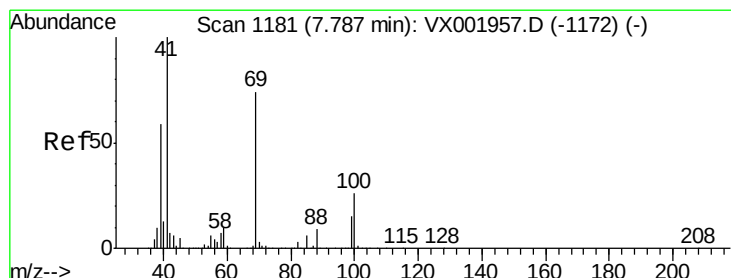
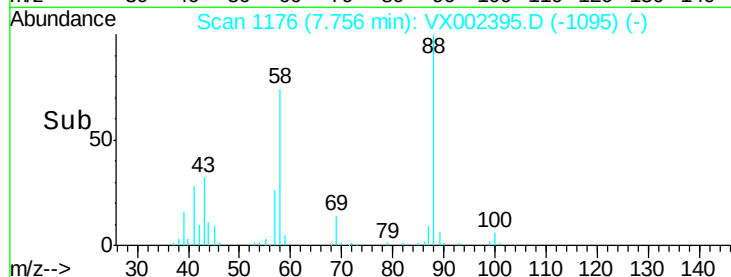
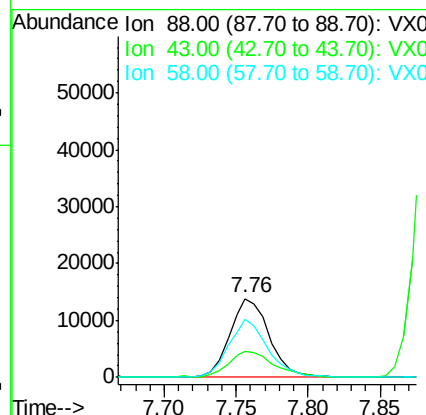
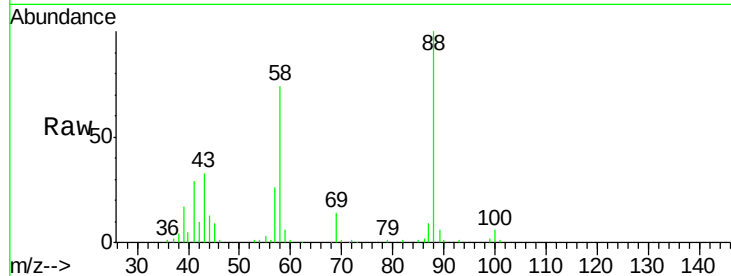
#45
 1,4-Dioxane
 Concen: 354.27 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.7	43.2	64.8#
58	74.0	60.2	90.2

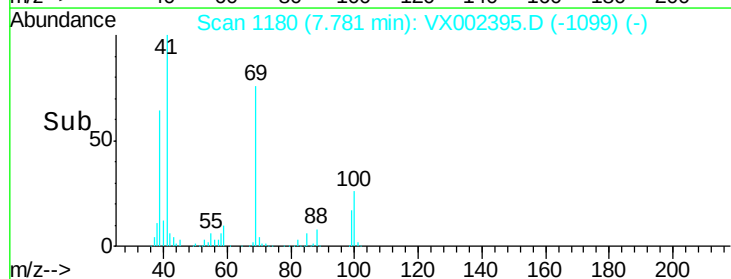
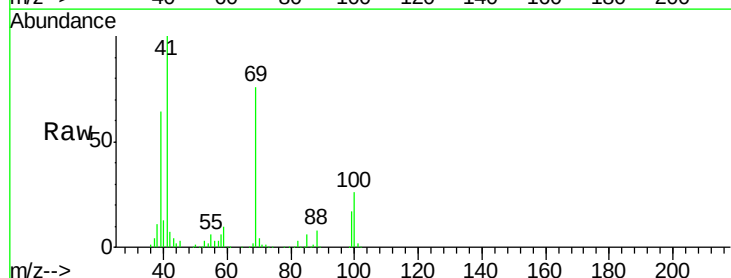
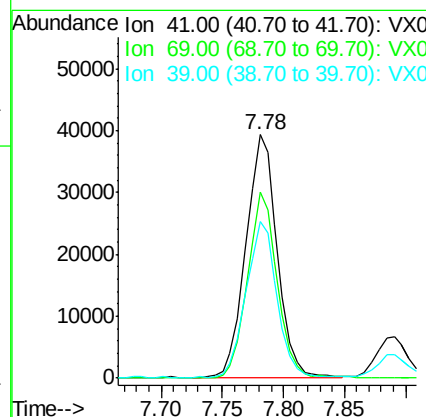
Manual Integrations
 APPROVED

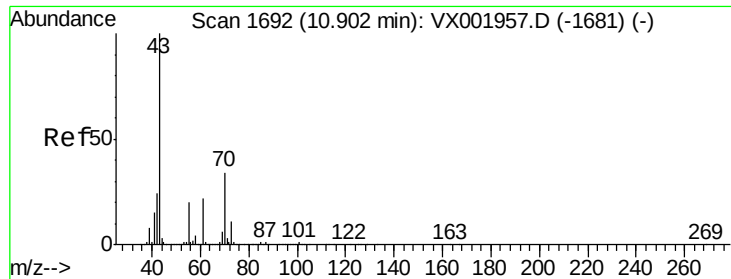
MMDadoda
 6/11/2018 9:30:14 AM



#46
 Methyl methacrylate
 Concen: 17.55 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.3	37.0	110.9
39	63.9	29.6	88.9





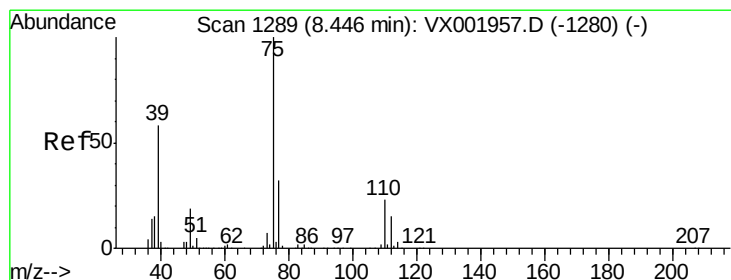
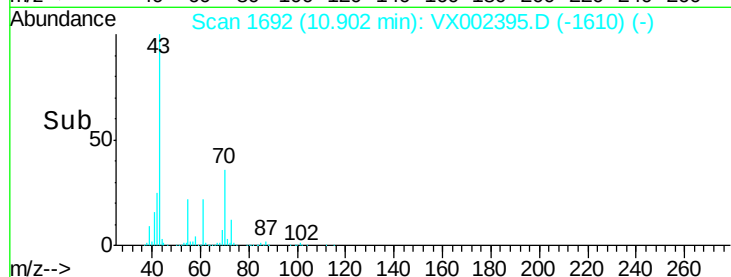
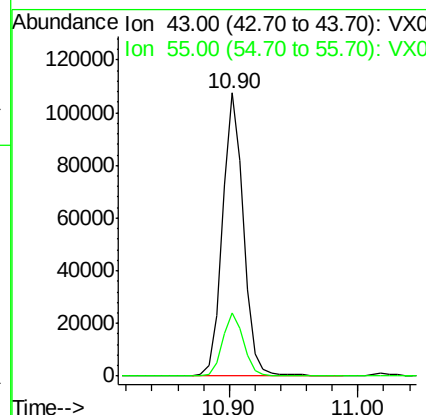
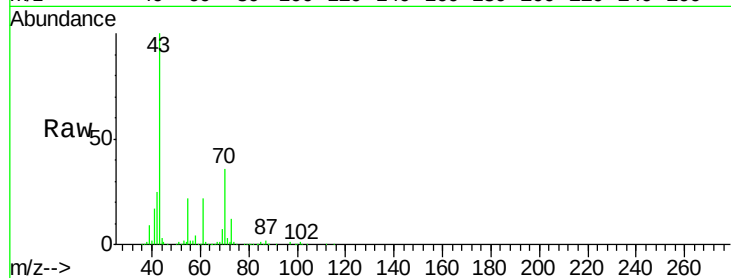
#47
n-amyl Acetate
Concen: 17.03 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion: 43 Resp: 122607
Ion Ratio Lower Upper
43 100
55 22.6 0.1 0.1#

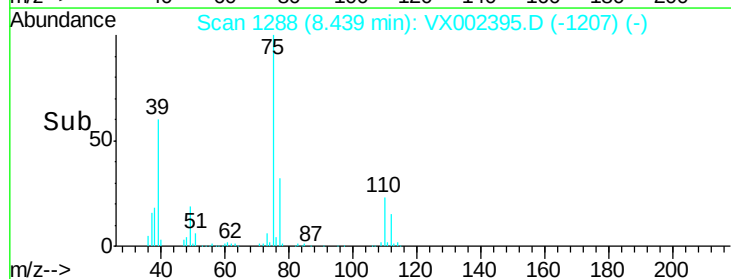
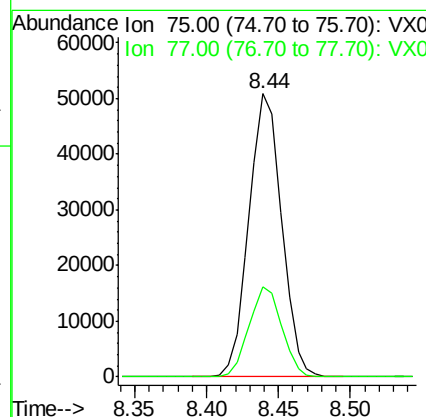
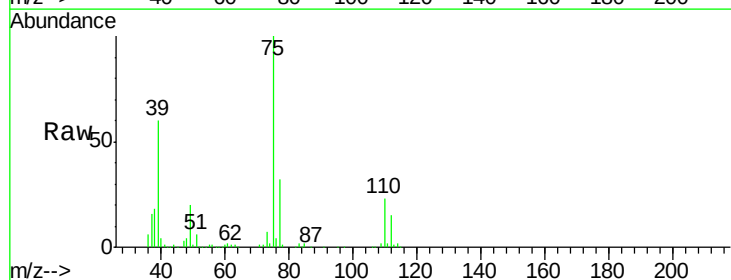
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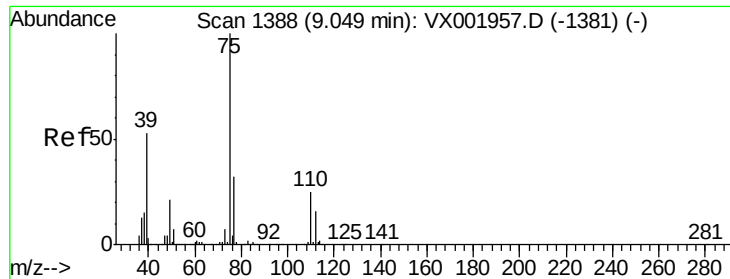
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.28 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion: 75 Resp: 80212
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 16.93 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

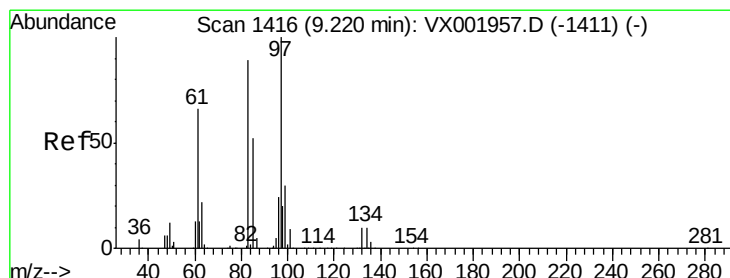
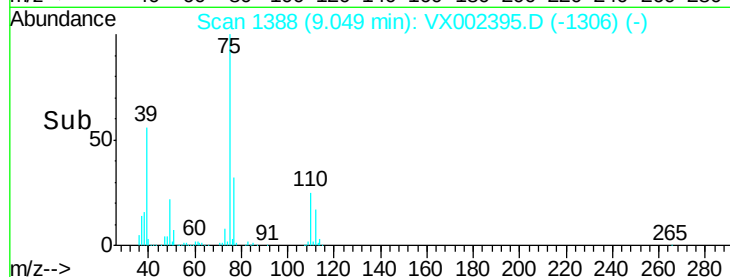
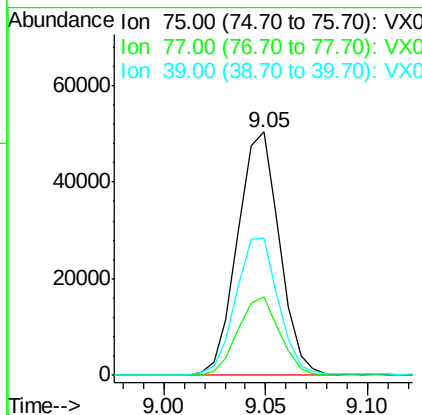
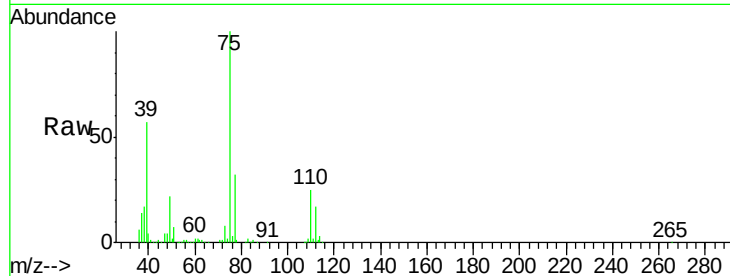
ClientSampleId :

VX0608WBS01

Tgt Ion:	75	Resp:	71937
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
39	56.3	42.3	63.5

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 21.02 ug/l

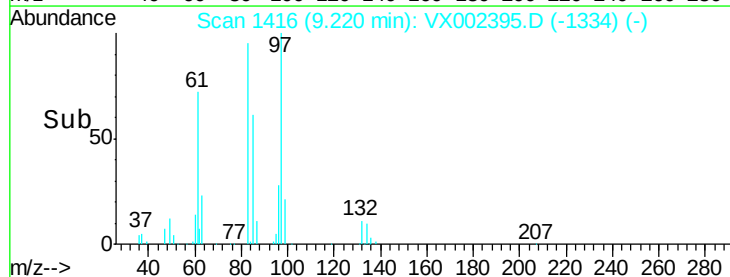
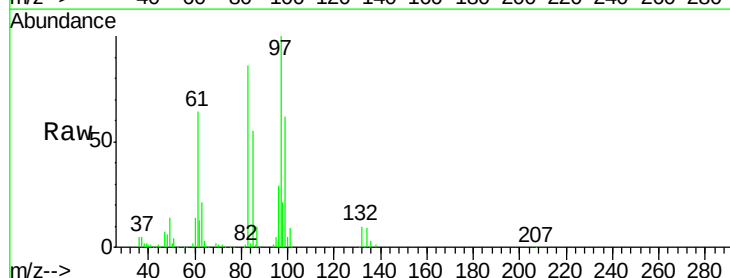
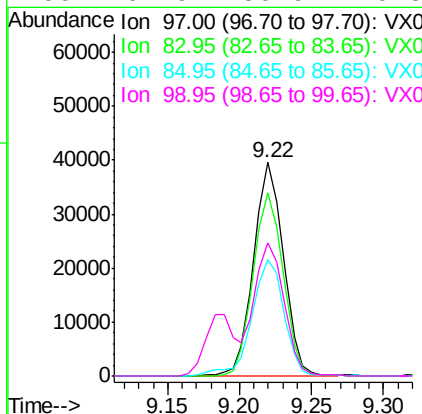
RT: 9.22 min Scan# 1416

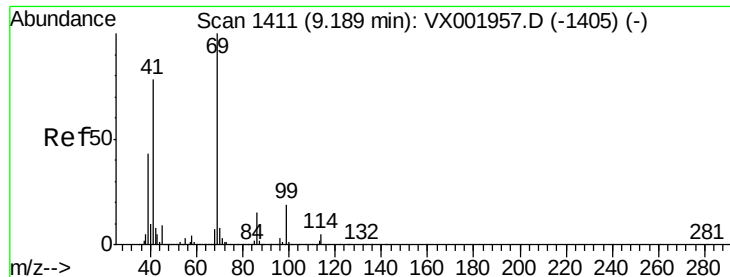
Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Tgt Ion:	97	Resp:	56807
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.8	106.2
85	54.4	43.5	65.3
99	61.9	50.9	76.3





#51

Ethyl methacrylate

Concen: 18.36 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

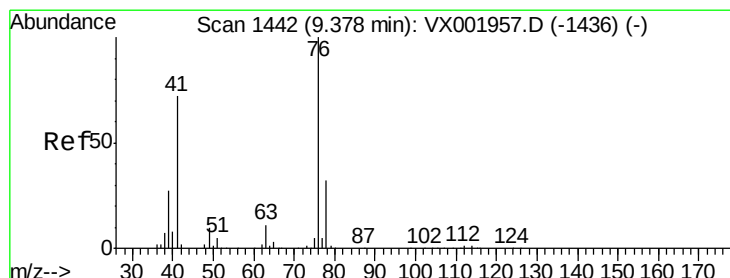
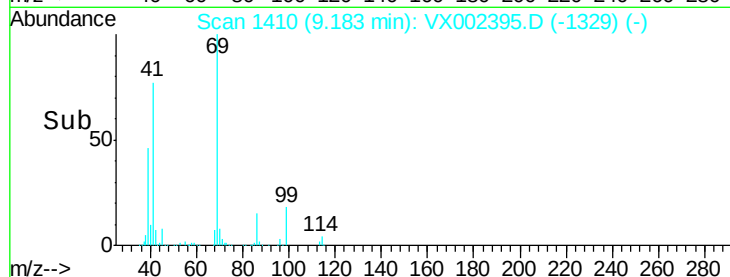
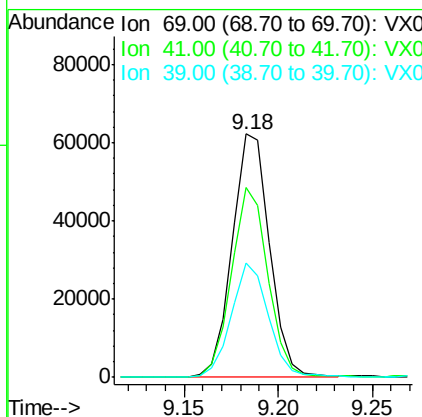
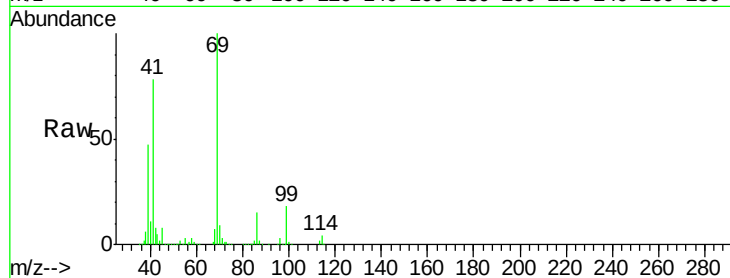
ClientSampleId :

VX0608WBS01

Tgt Ion:	69	Resp:	85985
Ion Ratio	Lower	Upper	
69	100		
41	77.8	39.1	117.3
39	46.7	21.7	65.1

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#52

1,3-Dichloropropane

Concen: 20.59 ug/l

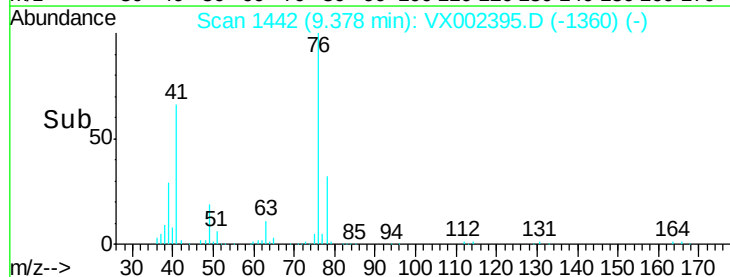
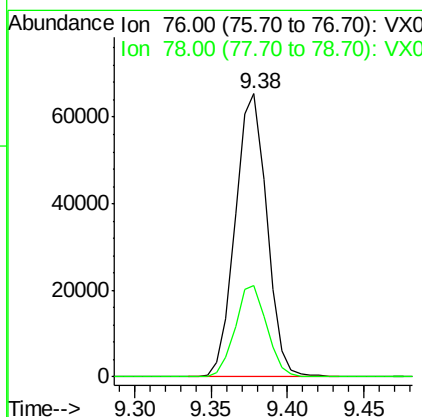
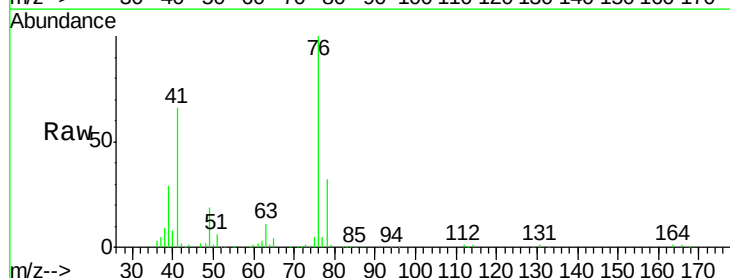
RT: 9.38 min Scan# 1442

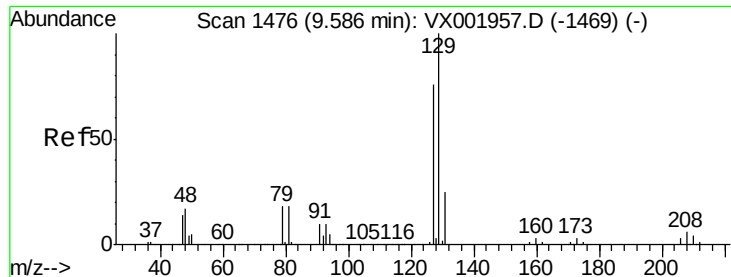
Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Tgt Ion:	76	Resp:	93858
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	63.4





#53

Dibromochloromethane

Concen: 15.88 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion:129 Resp: 52425

Ion Ratio Lower Upper

129 100

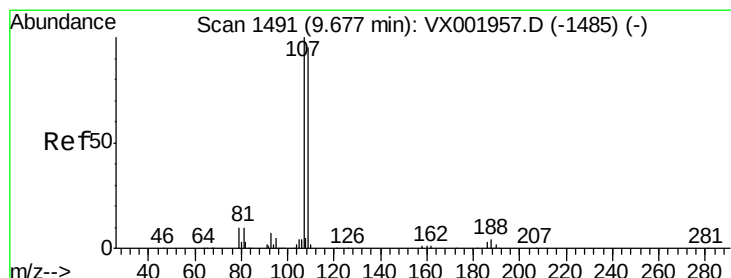
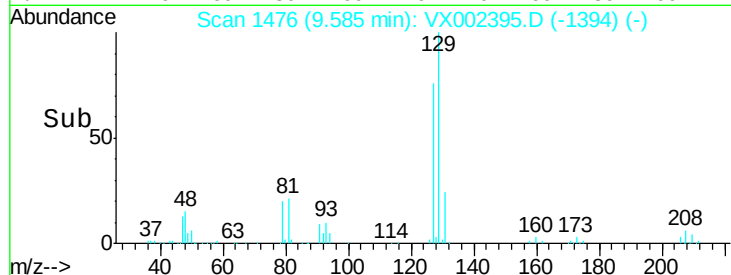
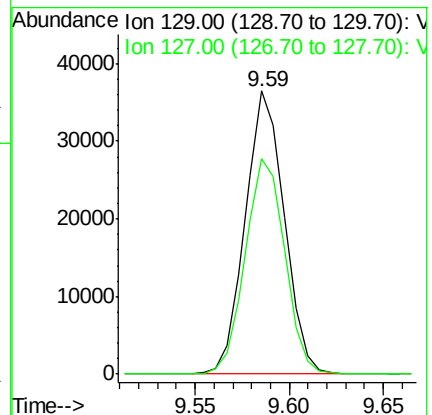
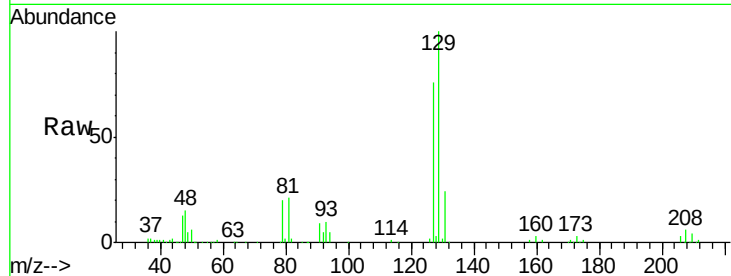
127 77.0 38.5 115.3

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#54

1,2-Dibromoethane

Concen: 19.88 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002395.D

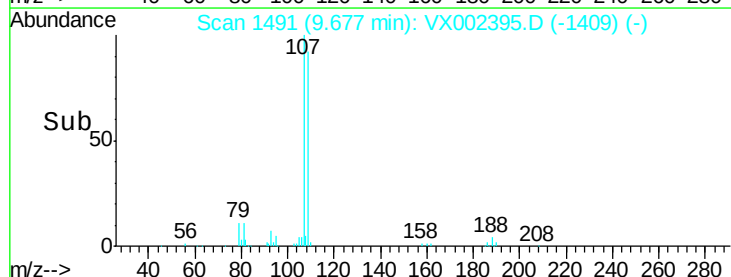
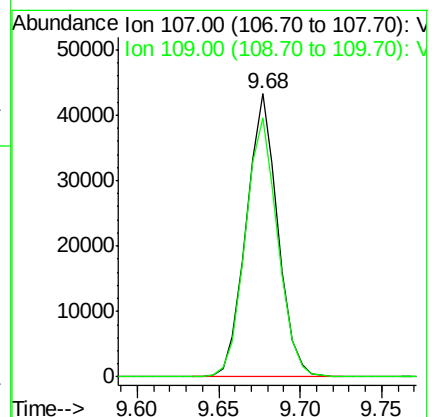
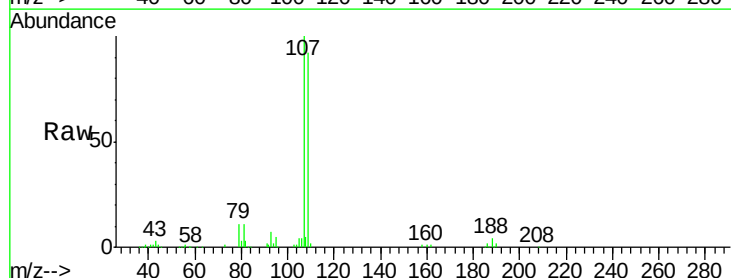
Acq: 08 Jun 2018 11:53

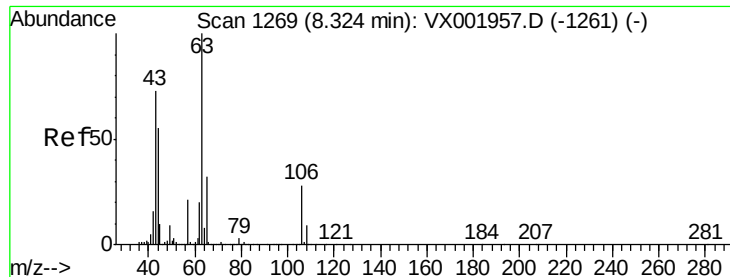
Tgt Ion:107 Resp: 58175

Ion Ratio Lower Upper

107 100

109 93.9 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 92.83 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 63 Resp: 203999

Ion Ratio Lower Upper

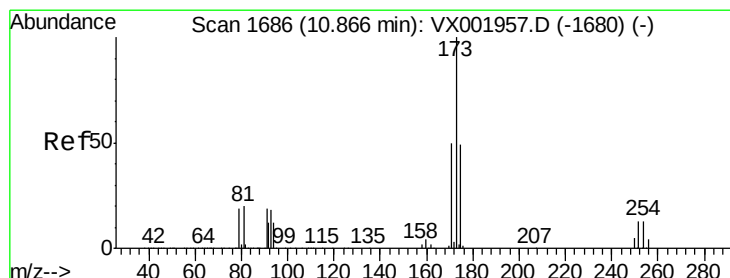
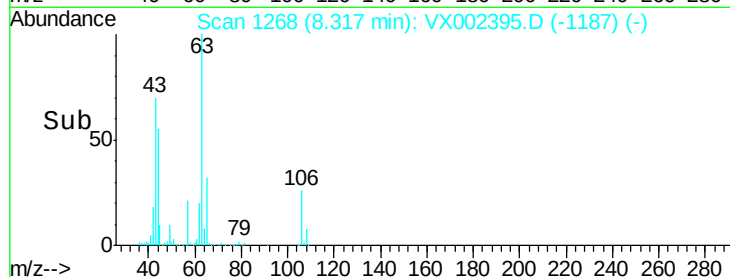
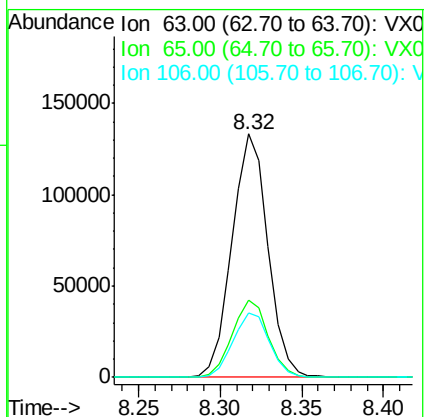
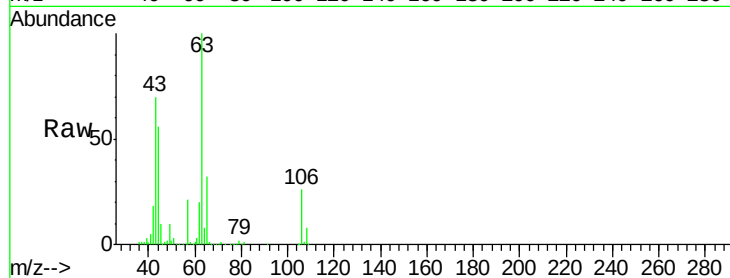
63 100

65 32.0 25.6 38.4

106 26.9 21.6 32.4

Manual Integrations
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6/11/2018 9:30:14 AM



#56

Bromoform

Concen: 13.32 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

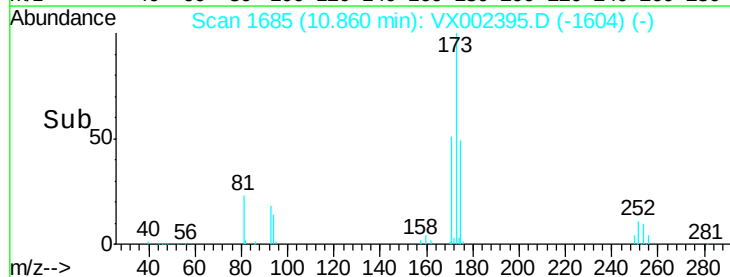
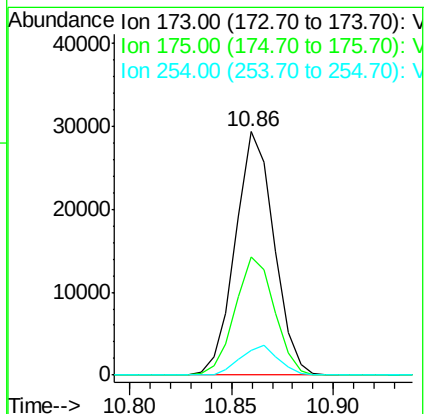
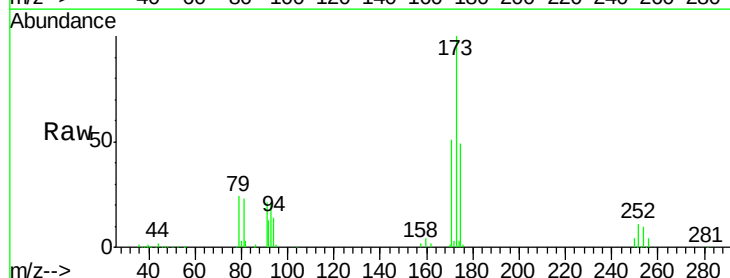
Tgt Ion: 173 Resp: 38686

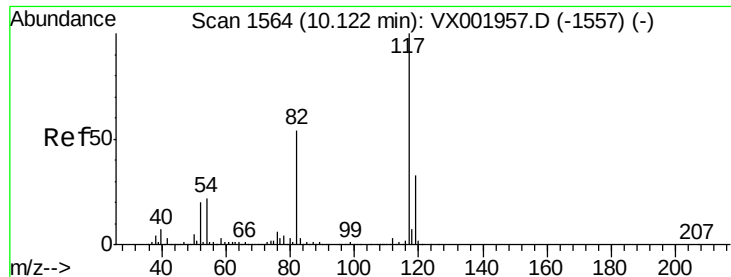
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 12.0 9.6 14.4





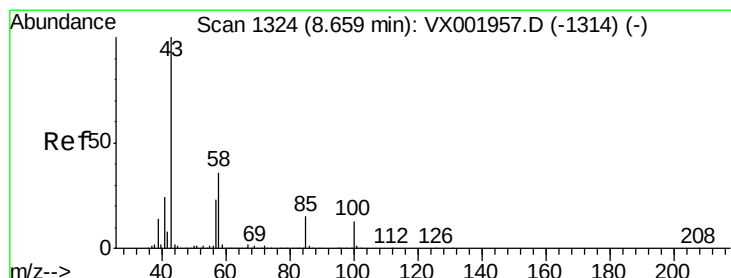
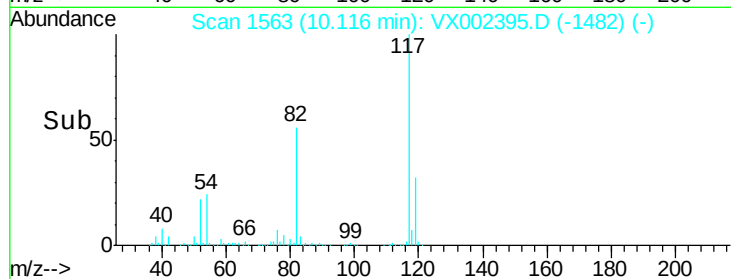
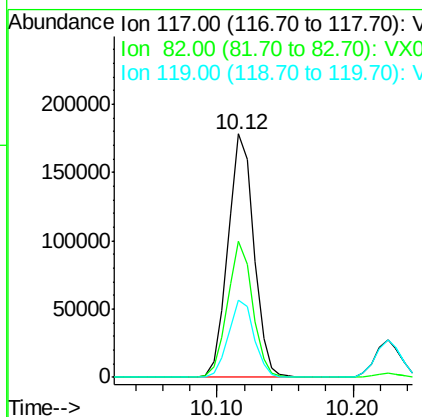
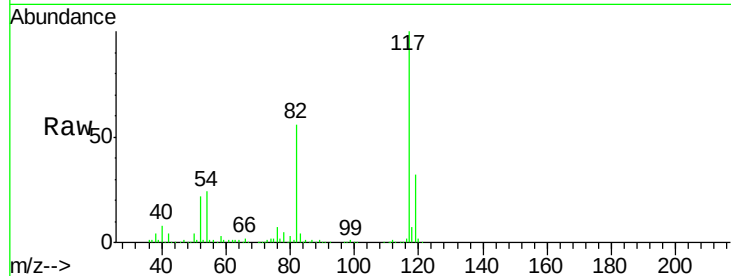
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.1	44.3	66.5
119	31.5	25.7	38.5

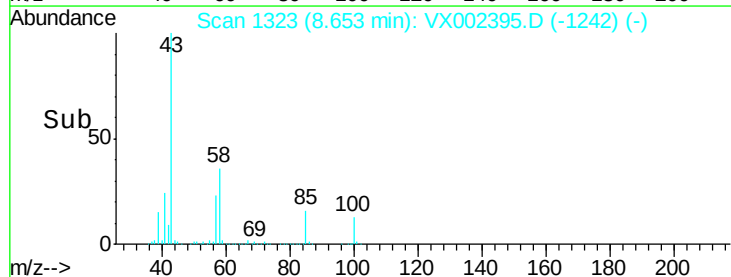
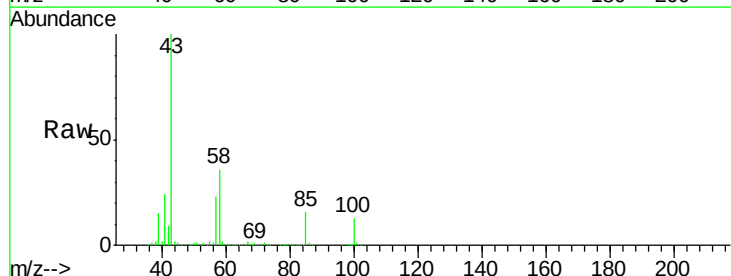
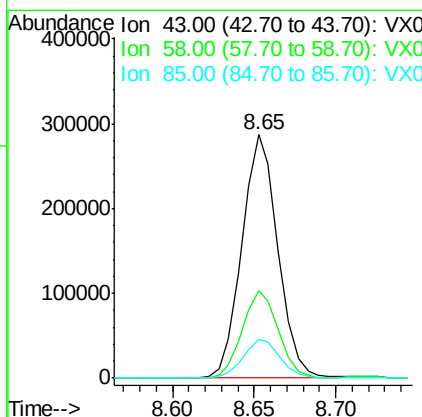
Manual Integrations
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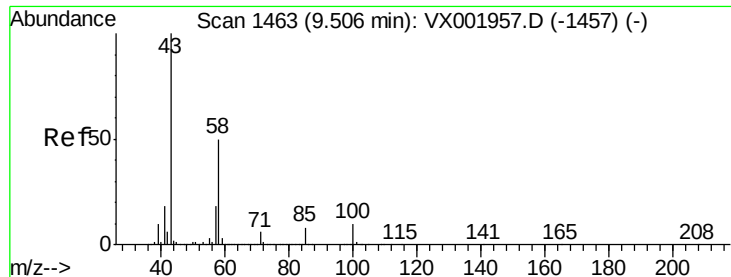
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 85.45 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	36.0	28.2	42.4
85	16.1	12.4	18.6





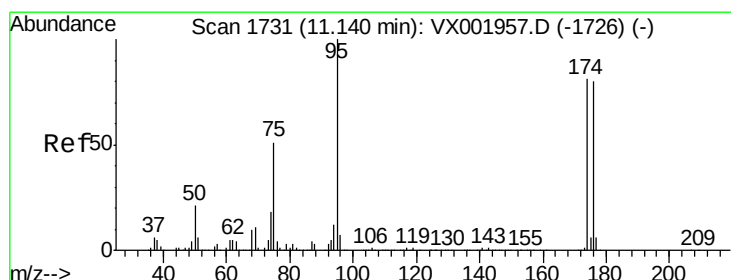
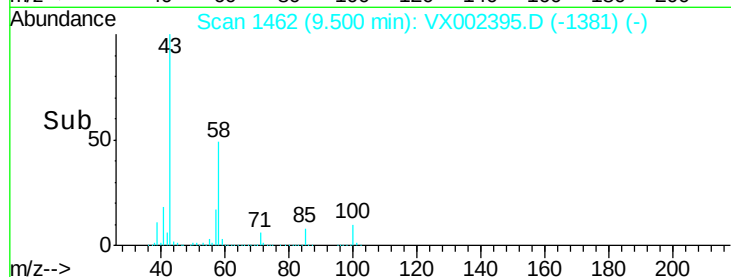
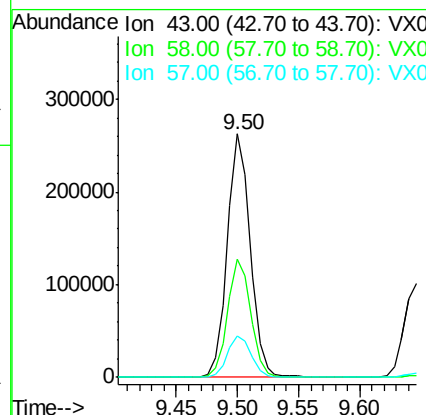
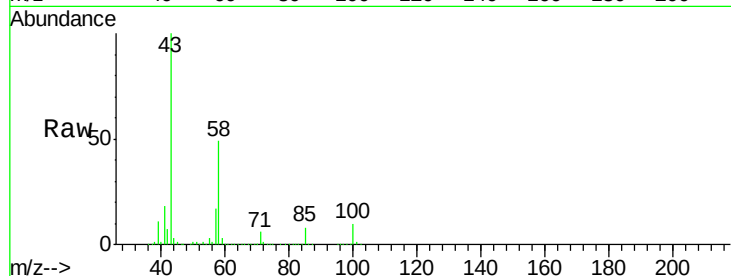
#59
2-Hexanone
Concen: 85.63 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.1	39.6	59.4
57	17.5	14.1	21.1

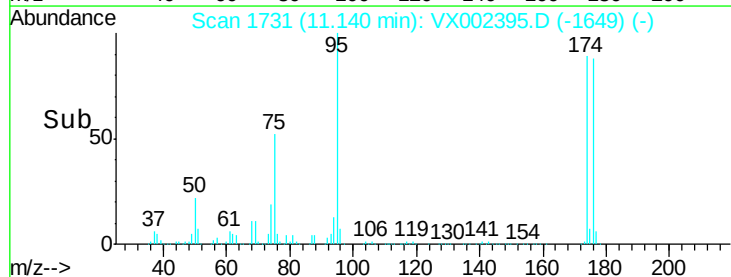
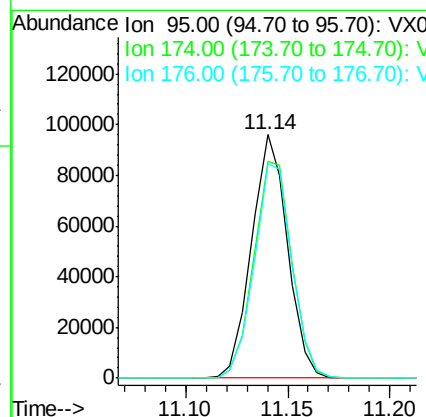
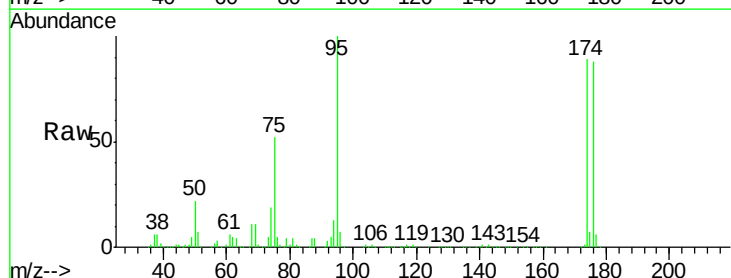
Manual Integrations
APPROVED

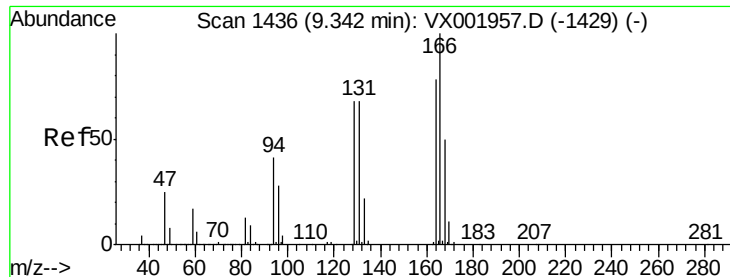
MMDadoda
6/11/2018 9:30:14 AM



#60
4-Bromofluorobenzene
Concen: 29.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.4	71.8	107.6
176	92.3	70.1	105.1





#61

Tetrachloroethene

Concen: 18.49 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion:164 Resp: 66592

Ion Ratio Lower Upper

164 100

166 130.8 102.4 153.6

129 88.5 70.1 105.1

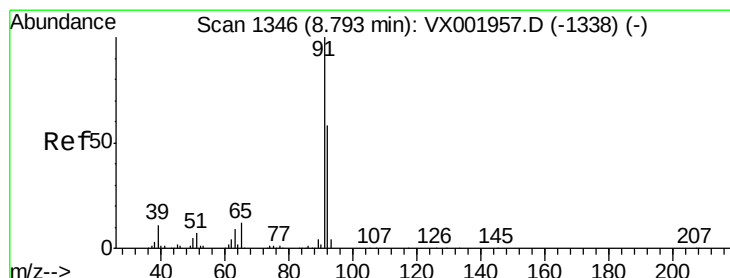
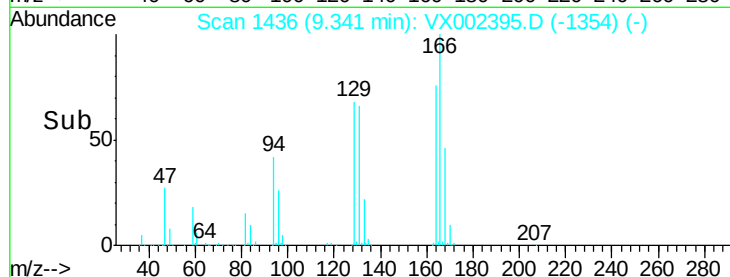
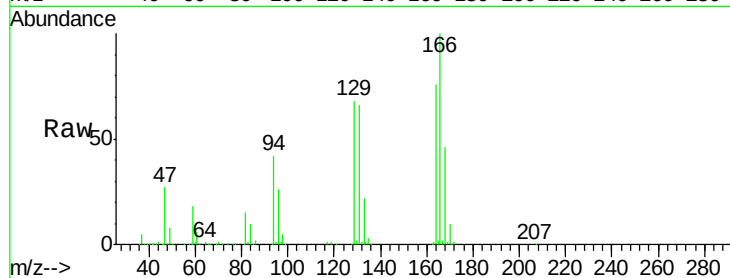
131 85.6 69.1 103.7

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#62

Toluene

Concen: 20.15 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002395.D

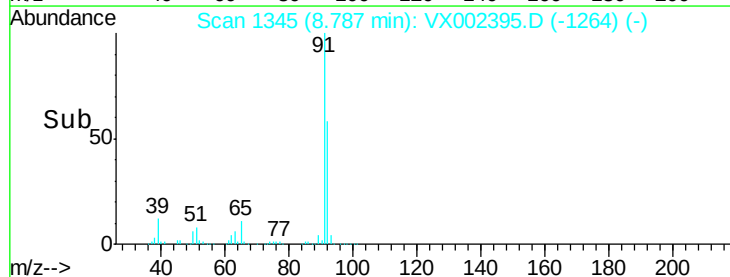
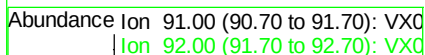
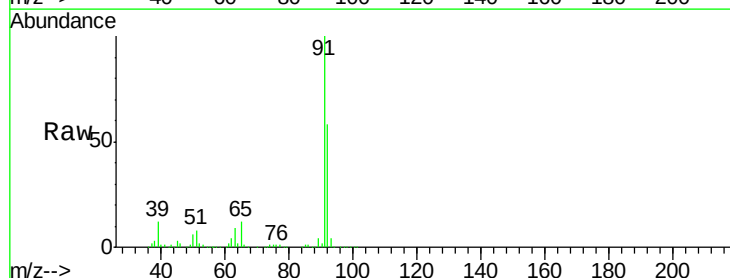
Acq: 08 Jun 2018 11:53

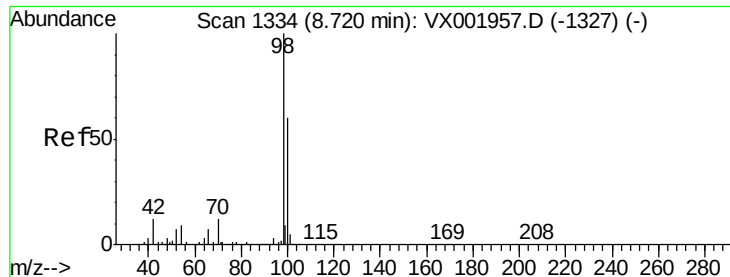
Tgt Ion: 91 Resp: 242967

Ion Ratio Lower Upper

91 100

92 57.0 46.5 69.7





#63

Toluene-d8

Concen: 28.18 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 98 Resp: 296603

Ion Ratio Lower Upper

98 100

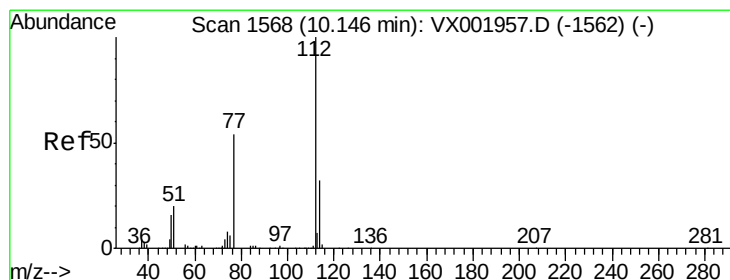
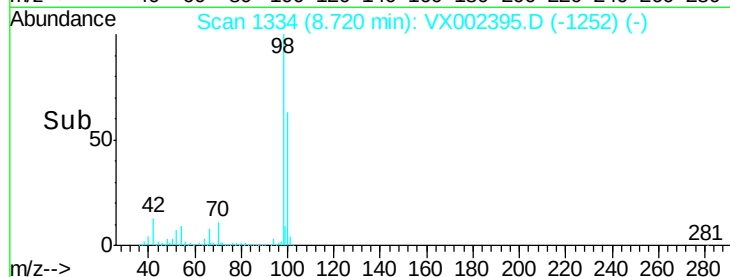
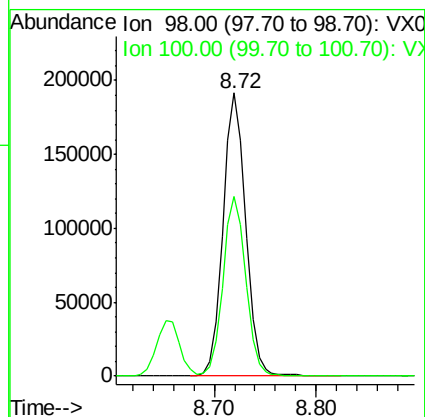
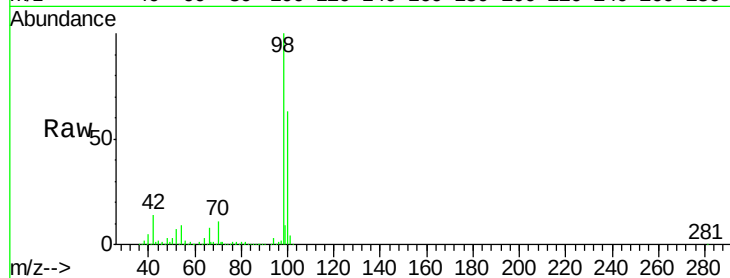
100 63.3 50.8 76.2

Manual Integrations

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6/11/2018 9:30:14 AM



#64

Chlorobenzene

Concen: 20.29 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002395.D

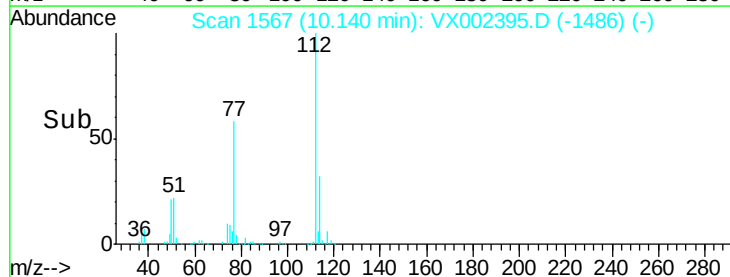
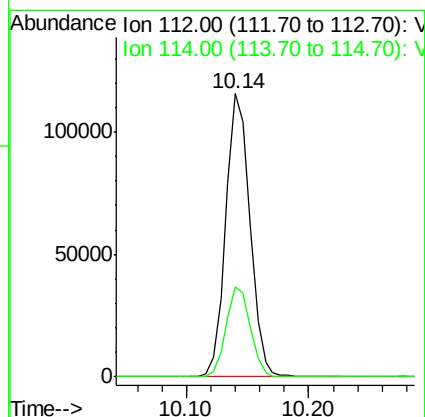
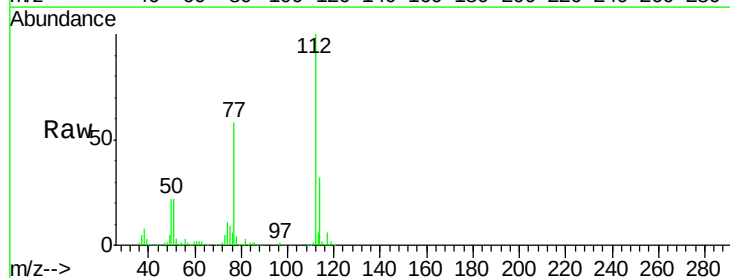
Acq: 08 Jun 2018 11:53

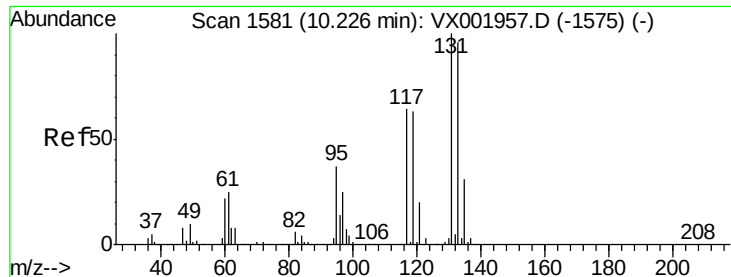
Tgt Ion: 112 Resp: 158330

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4





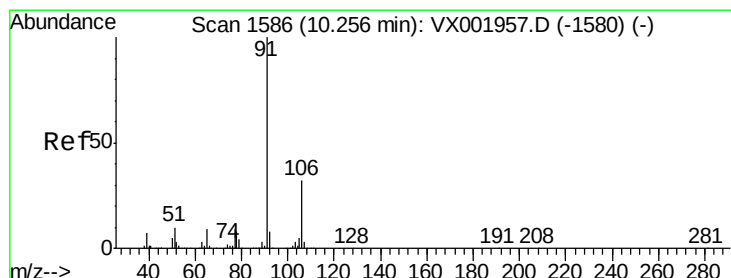
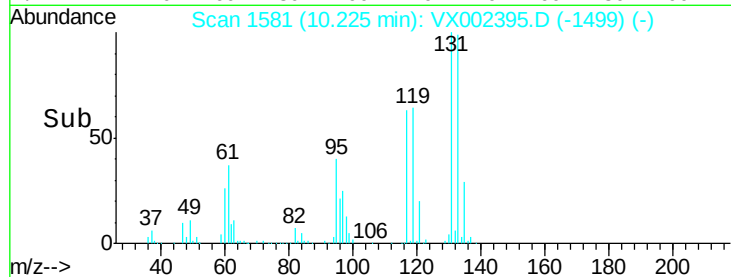
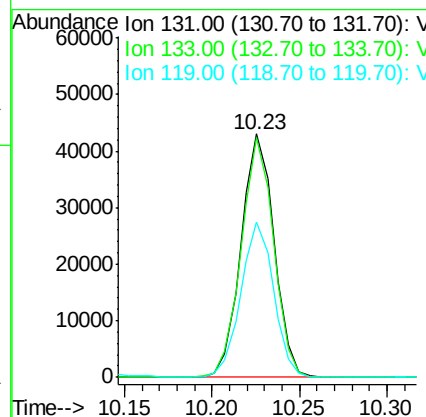
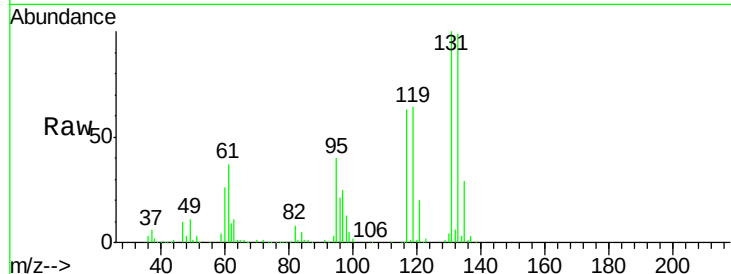
#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.83 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	56620		
133	96.9	0.0	191.2	
119	63.2	0.0	125.4	

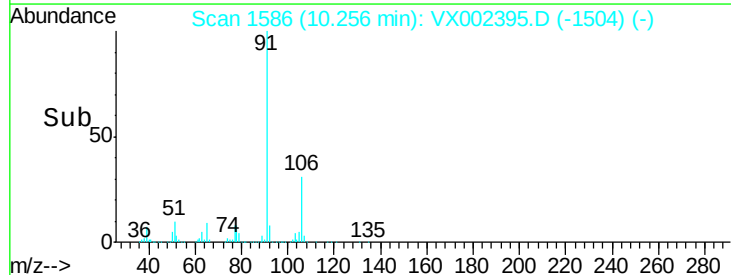
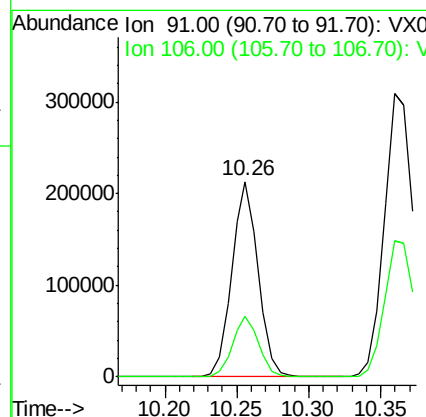
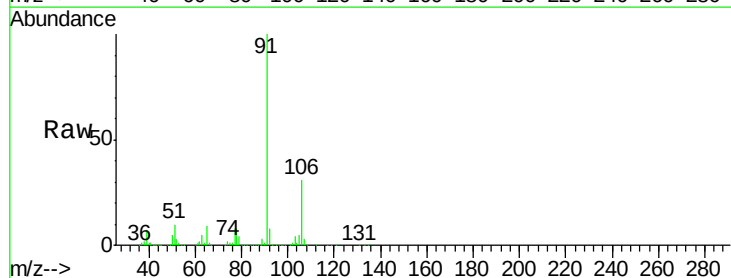
Manual Integrations
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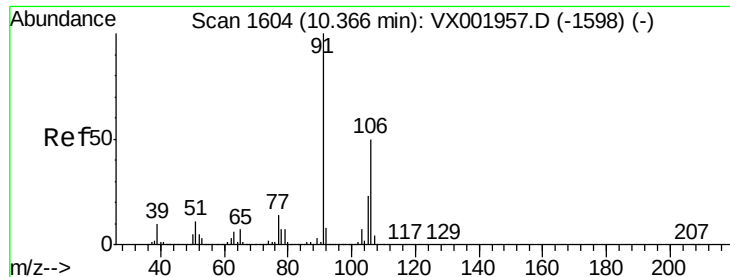
MMDadoda
 6/11/2018 9:30:14 AM



#66
 Ethyl Benzene
 Concen: 20.17 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	273418		
106	30.9	25.2	37.8	





#67

m/p-Xylenes

Concen: 40.23 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion:106 Resp: 207004

Ion Ratio Lower Upper

106 100

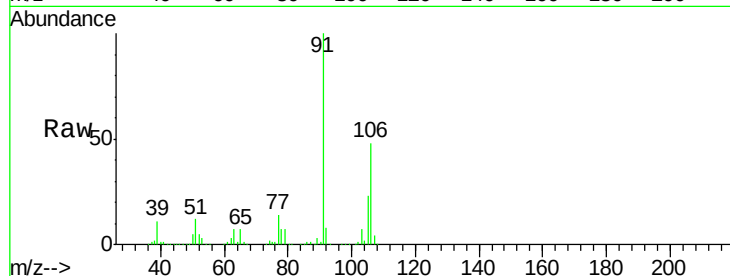
91 204.8 164.1 246.1

Manual Integrations

APPROVED

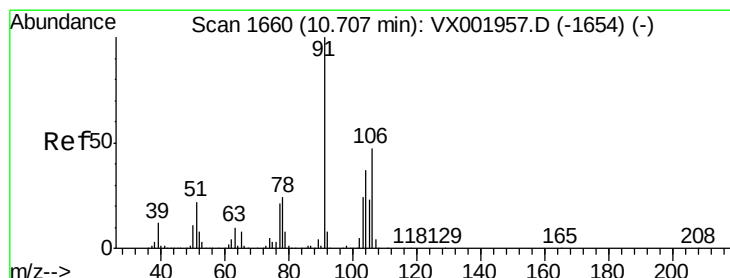
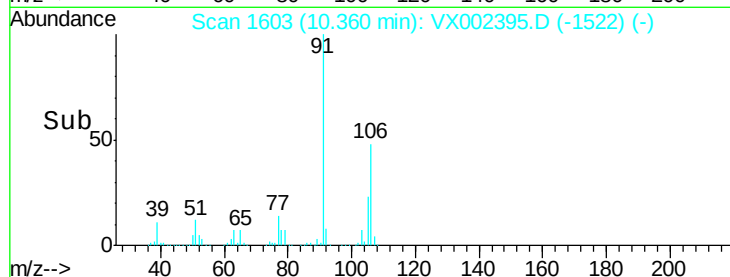
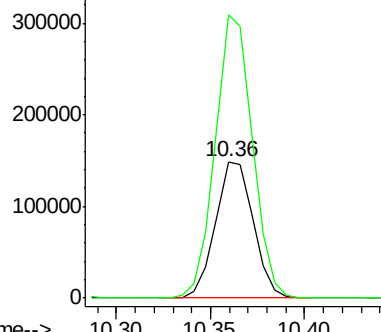
MMDadoda

6/11/2018 9:30:14 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.81 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX002395.D

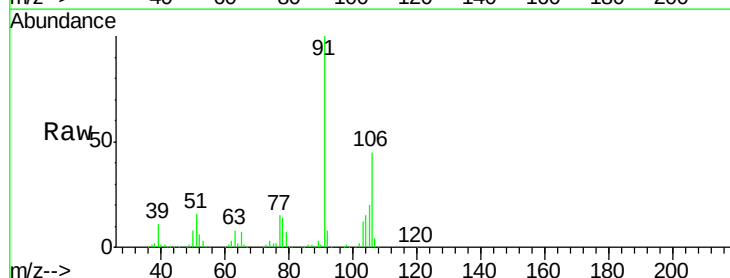
Acq: 08 Jun 2018 11:53

Tgt Ion:106 Resp: 102071

Ion Ratio Lower Upper

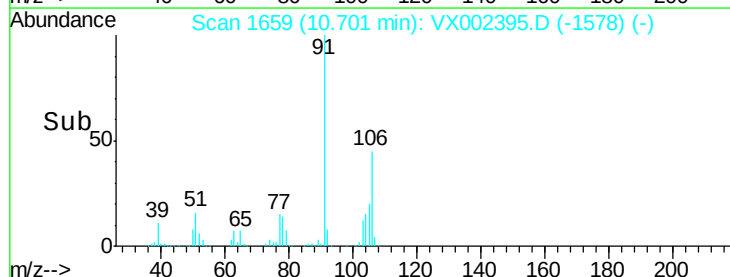
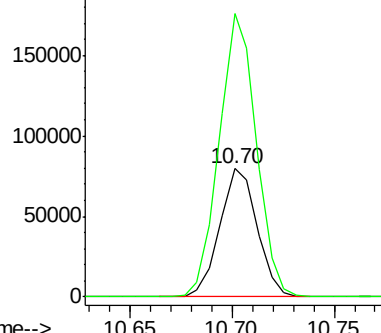
106 100

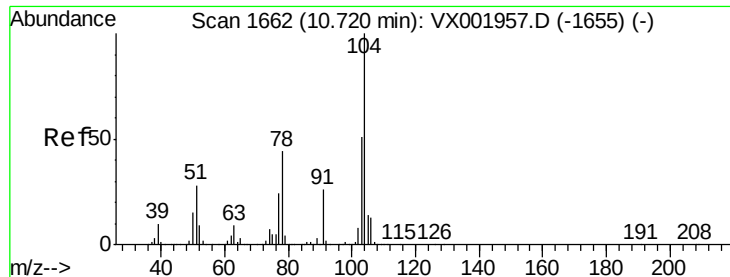
91 218.7 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





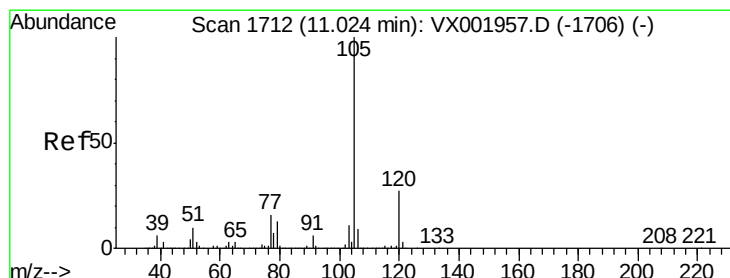
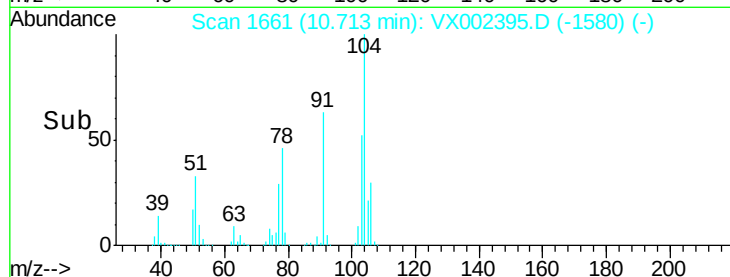
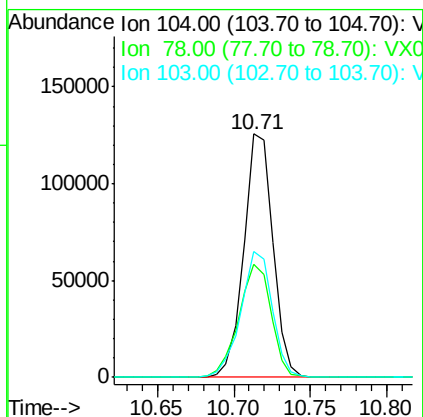
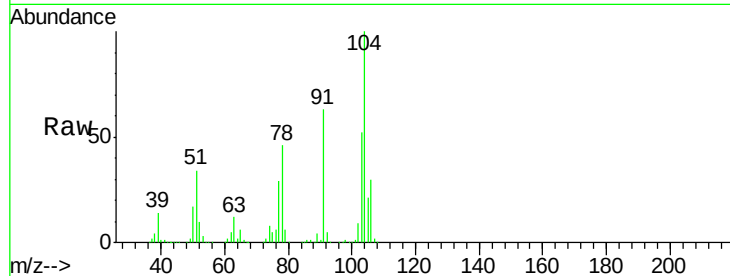
#69
Styrene
Concen: 19.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.8	62.8
103	55.8	44.9	67.3

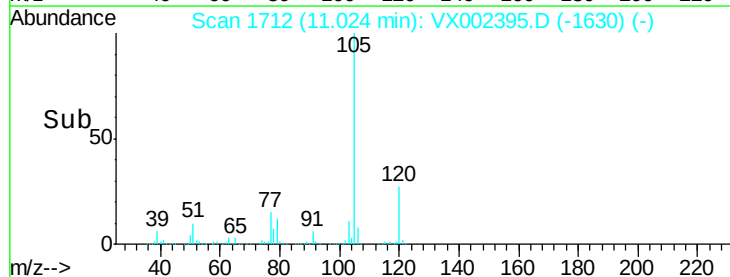
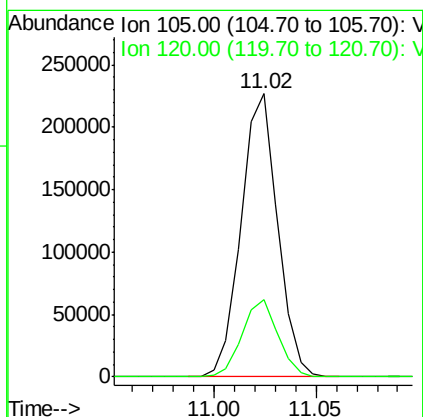
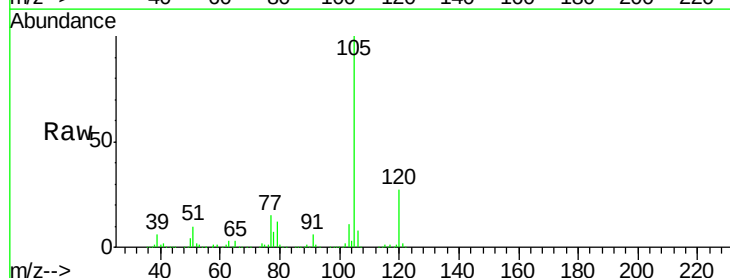
Manual Integrations
APPROVED

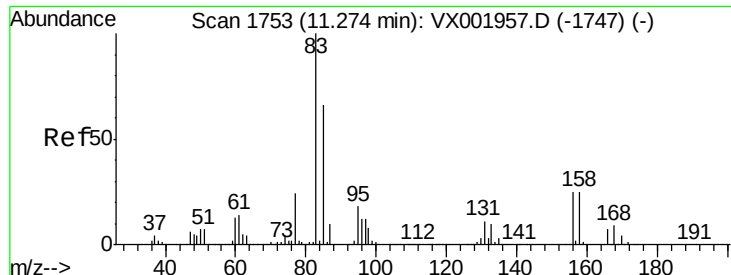
MMDadoda
6/11/2018 9:30:14 AM



#70
Isopropylbenzene
Concen: 20.40 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.0	35.2





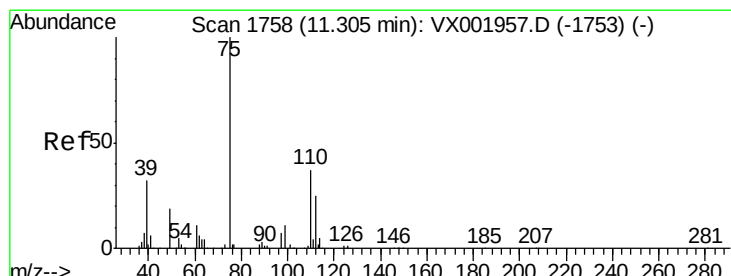
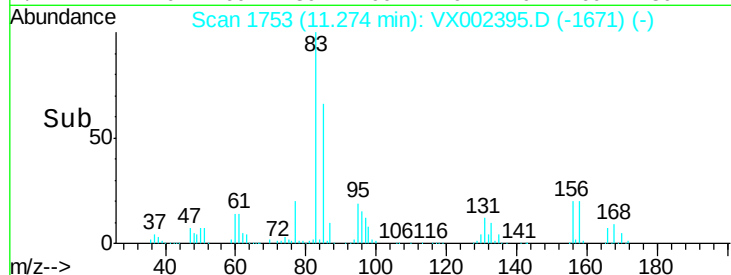
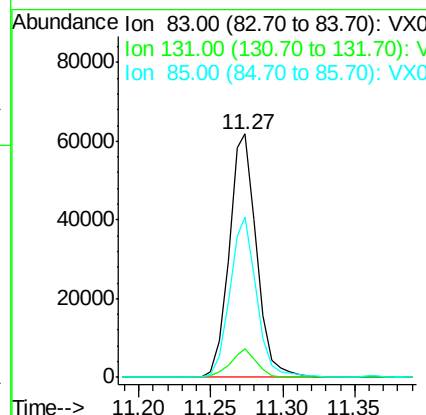
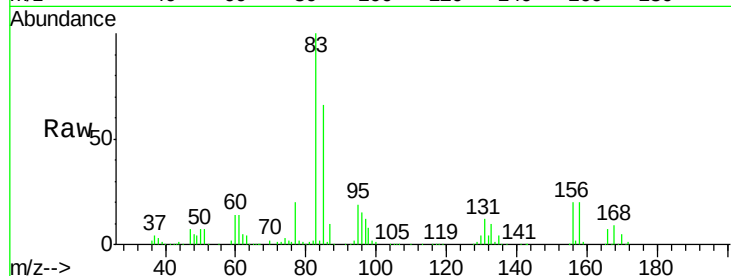
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.09 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.4	16.2
85	64.3	32.4	97.2

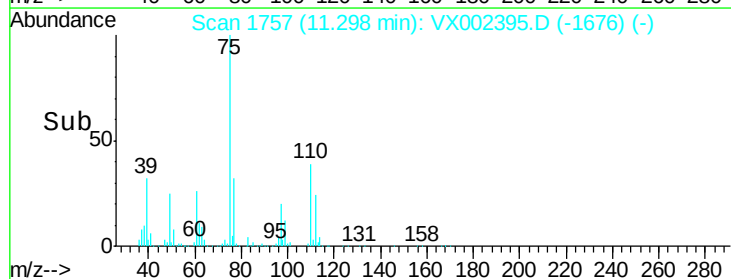
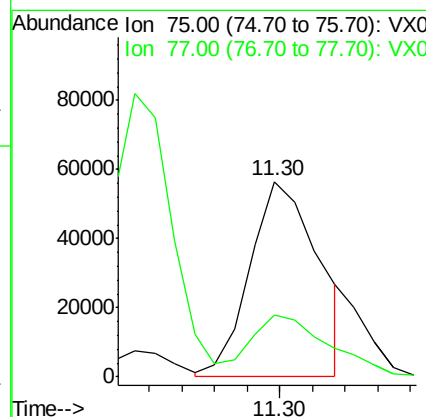
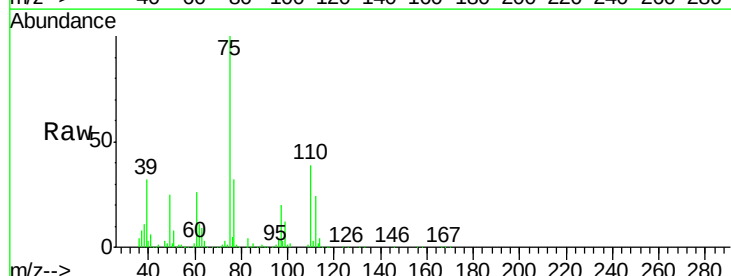
Manual Integrations
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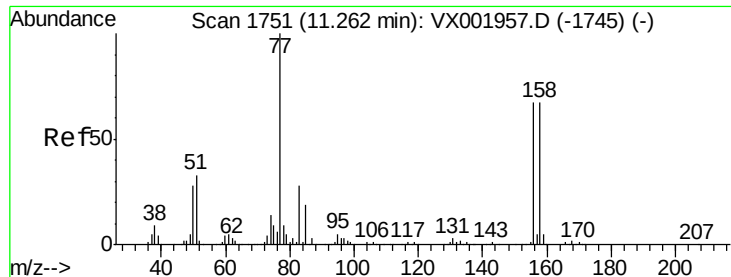
MMDadoda
 6/11/2018 9:30:14 AM



#72
 1,2,3-Trichloropropane
 Concen: 20.27 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.5	0.0	71.8





#73

Bromobenzene

Concen: 20.01 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tgt Ion:156 Resp: 74158

Ion Ratio Lower Upper

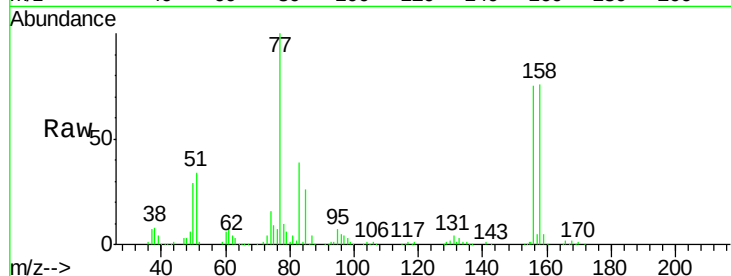
156 100

77 142.6 0.0 301.0

158 98.0 0.0 196.2

Manual Integrations
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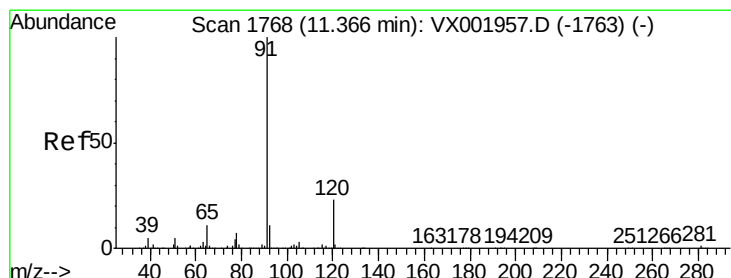
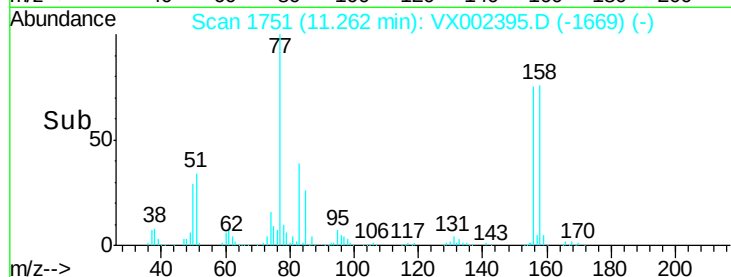
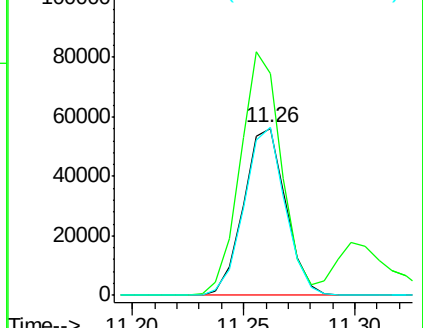
MMDadoda
6/11/2018 9:30:14 AM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.69 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002395.D

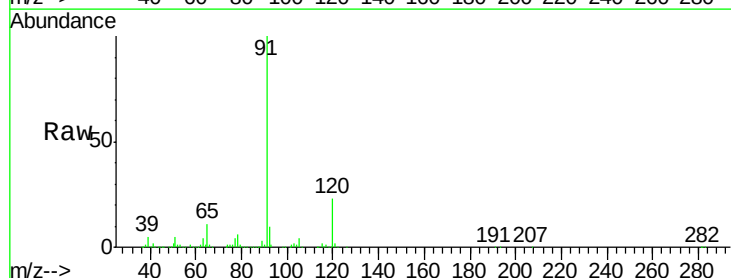
Acq: 08 Jun 2018 11:53

Tgt Ion: 91 Resp: 318562

Ion Ratio Lower Upper

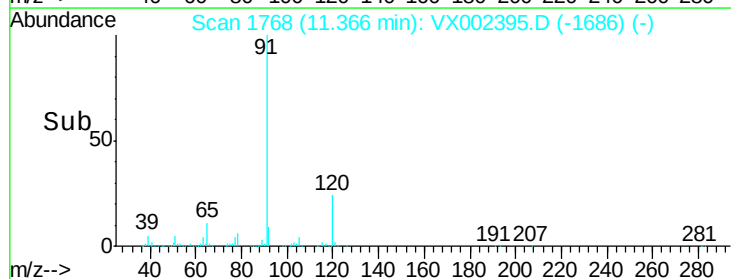
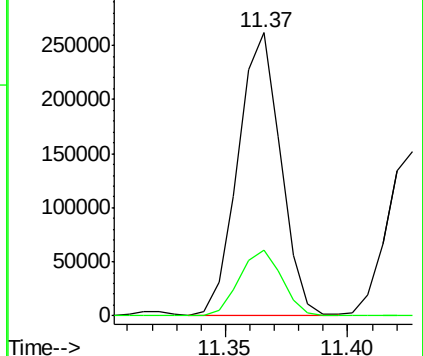
91 100

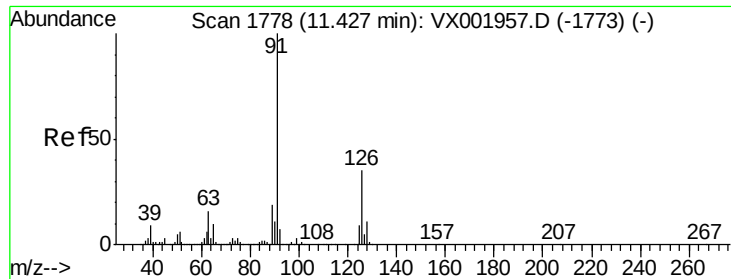
120 23.3 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.99 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tgt Ion: 91 Resp: 189847

Ion Ratio Lower Upper

91 100

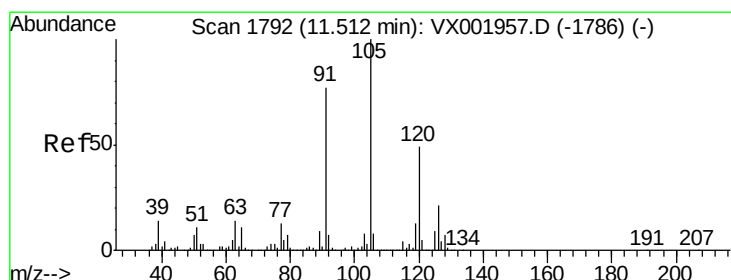
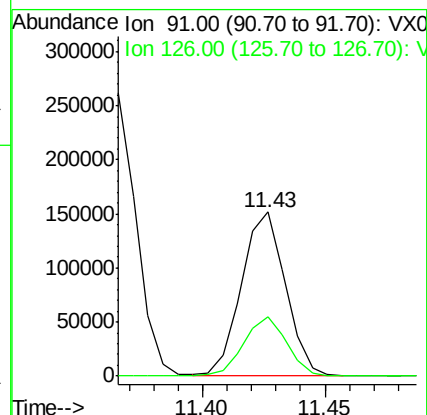
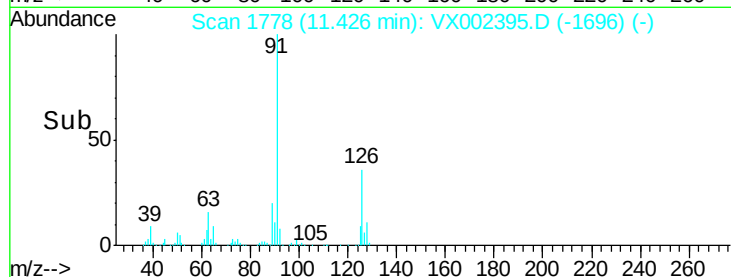
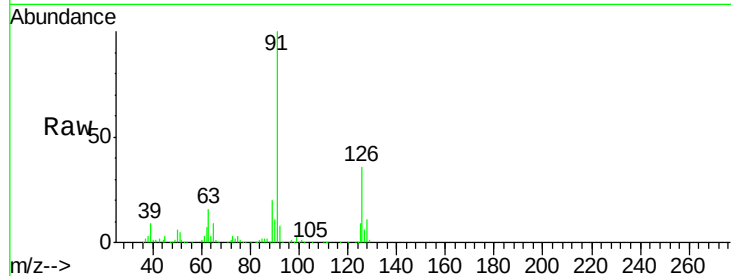
126 35.3 0.0 69.4

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#76

1,3,5-Trimethylbenzene

Concen: 19.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002395.D

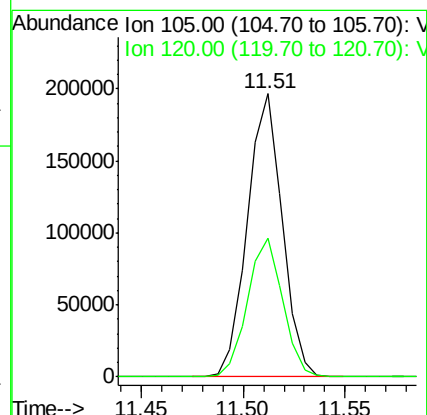
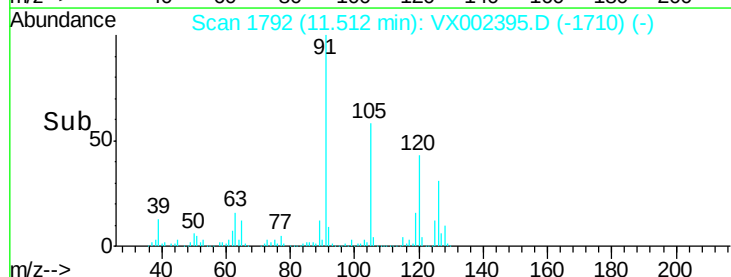
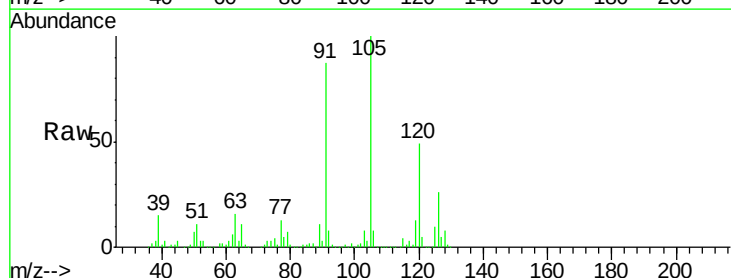
Acq: 08 Jun 2018 11:53

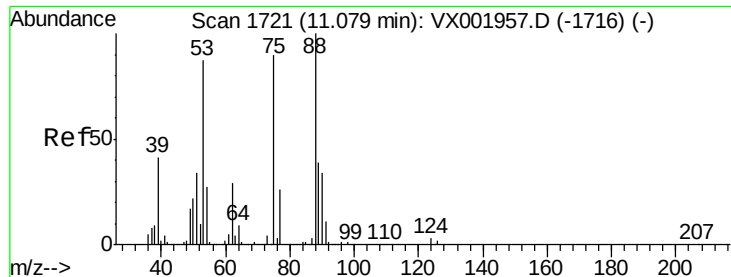
Tgt Ion: 105 Resp: 233926

Ion Ratio Lower Upper

105 100

120 49.2 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 13.50 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Instrument :

MSVOA_X

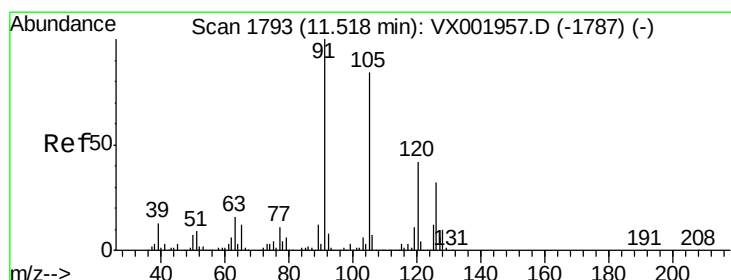
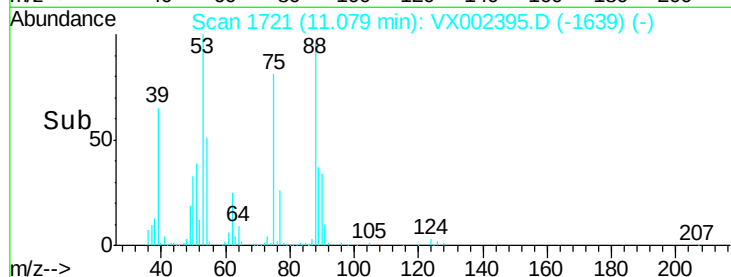
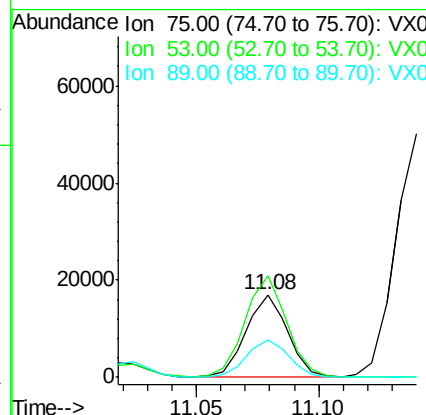
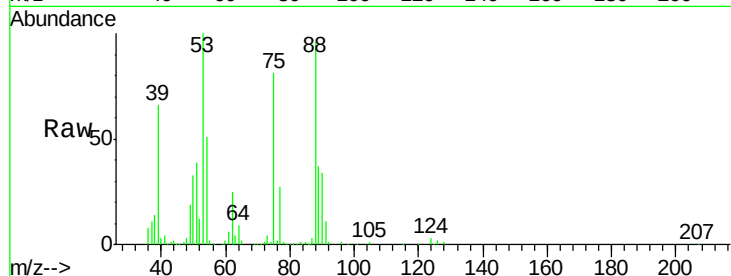
ClientSampleId :

VX0608WBS01

Tgt Ion:	75	Resp:	19915
Ion	Ratio	Lower	Upper
75	100		
53	123.2	48.3	144.9
89	46.2	21.8	65.4

Manual Integrations
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6/11/2018 9:30:14 AM



#78

4-Chlorotoluene

Concen: 20.07 ug/l

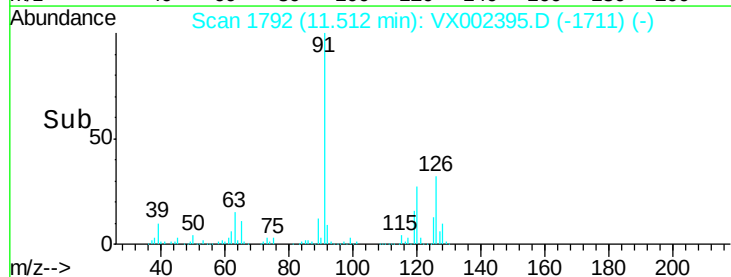
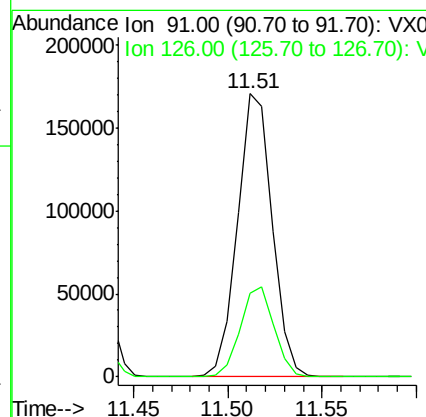
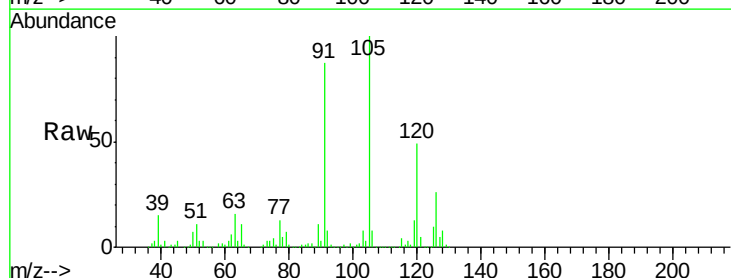
RT: 11.51 min Scan# 1792

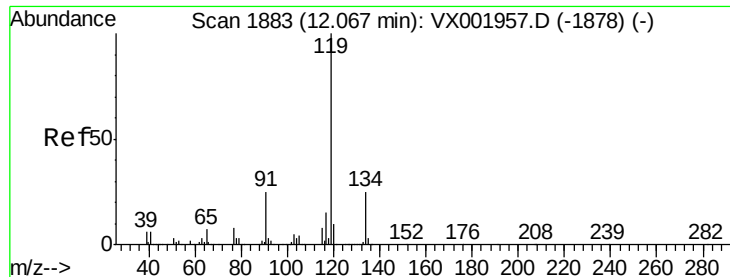
Delta R.T. -0.01 min

Lab File: VX002395.D

Acq: 08 Jun 2018 11:53

Tgt Ion:	91	Resp:	216730
Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	61.0





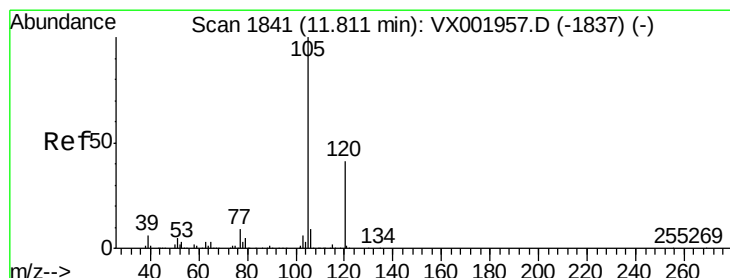
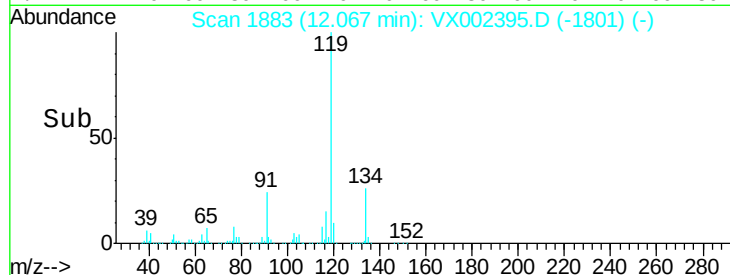
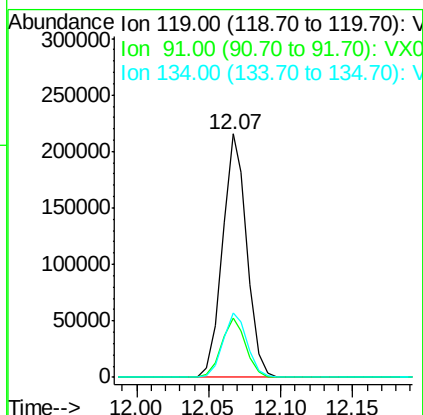
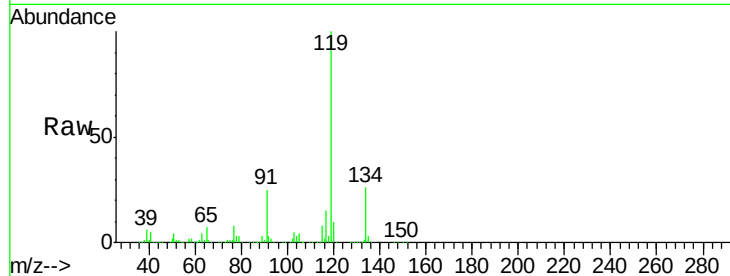
#79
tert-butylbenzene
Concen: 20.73 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
119	100		
91	24.1	0.0	48.0
134	26.5	0.0	52.6

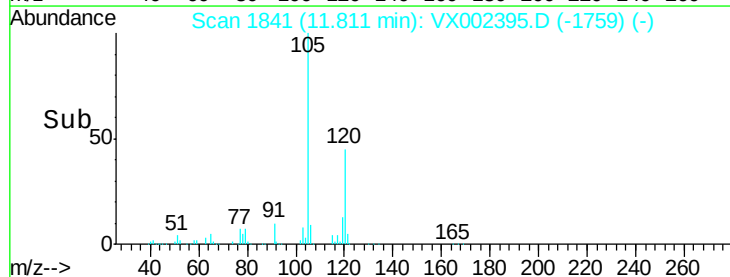
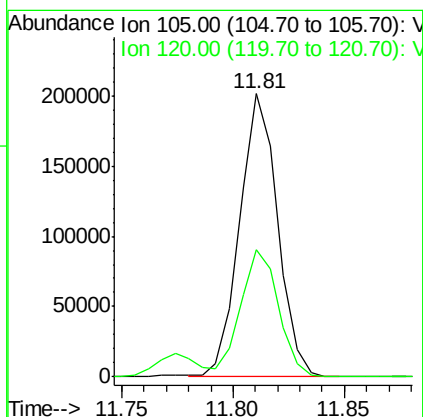
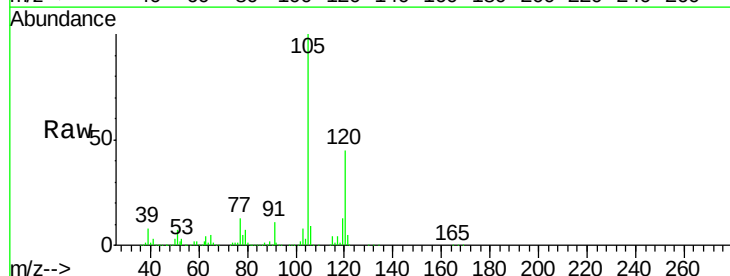
Manual Integrations
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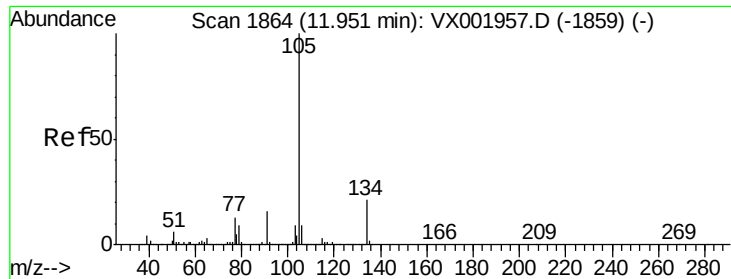
MMDadoda
6/11/2018 9:30:14 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.19 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	44.7	0.0	89.2





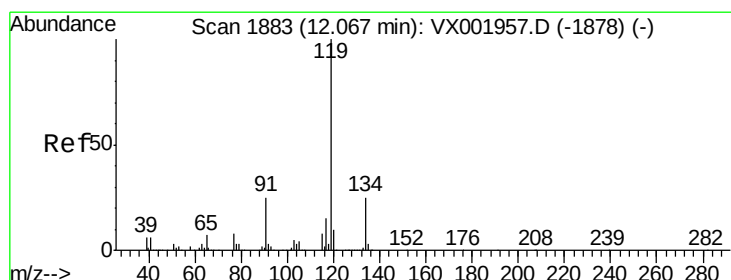
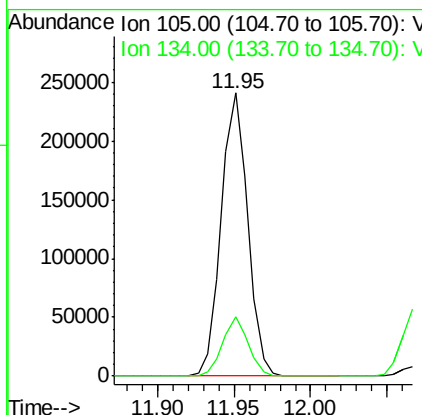
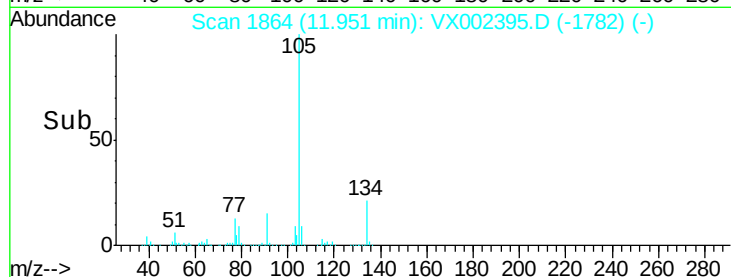
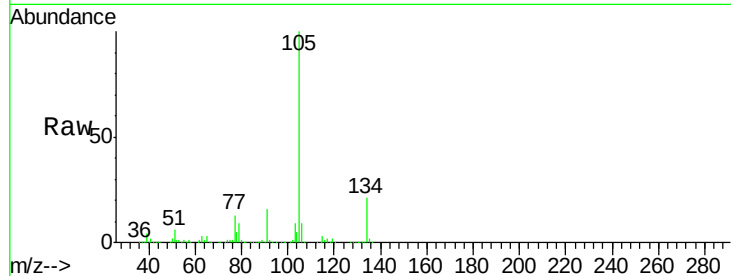
#81
 sec-Butylbenzene
 Concen: 20.97 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288273		
134	20.4	0.0	41.6	

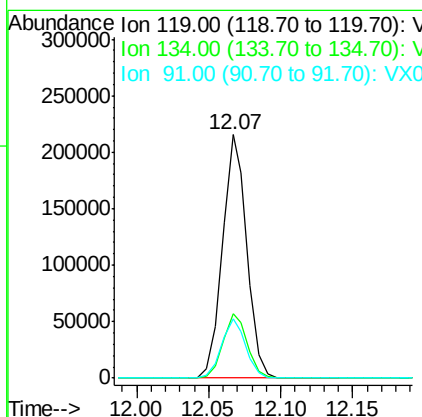
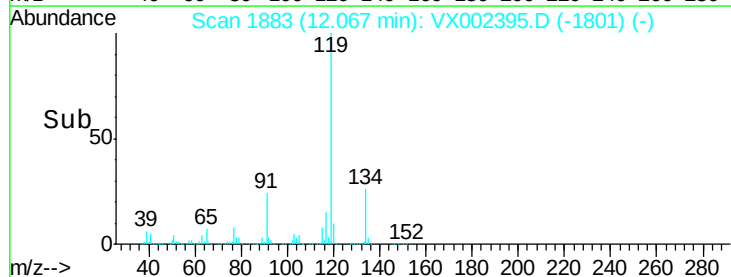
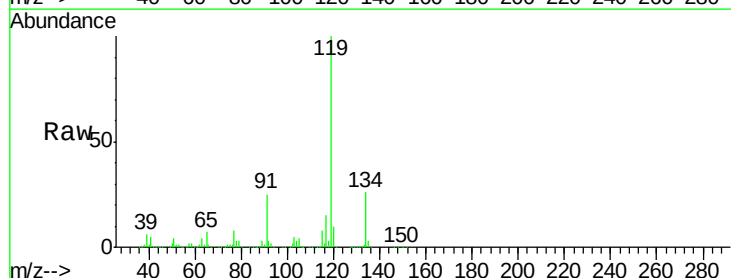
Manual Integrations
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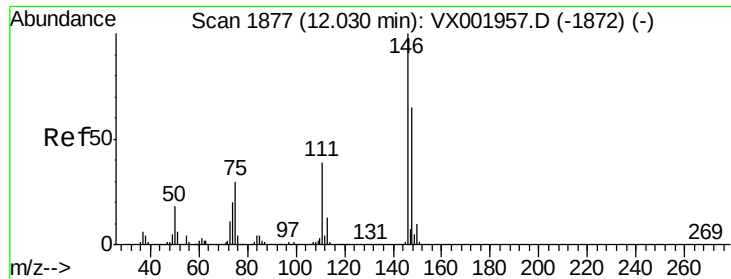
MMDadoda
 6/11/2018 9:30:14 AM



#82
 p-Isopropyltoluene
 Concen: 20.73 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	254886		
134	26.5	0.0	52.6	
91	24.1	0.0	48.0	





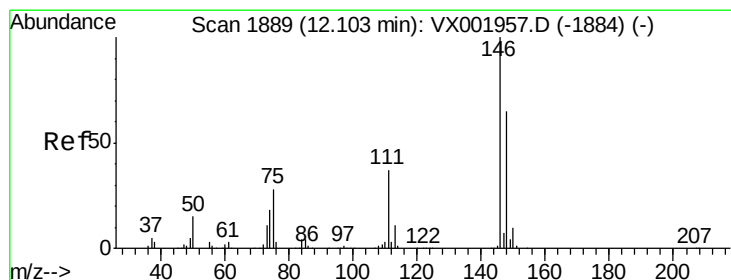
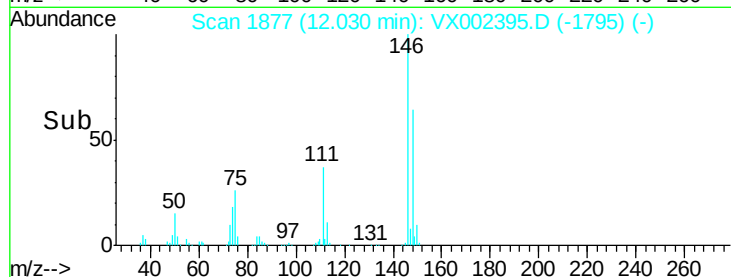
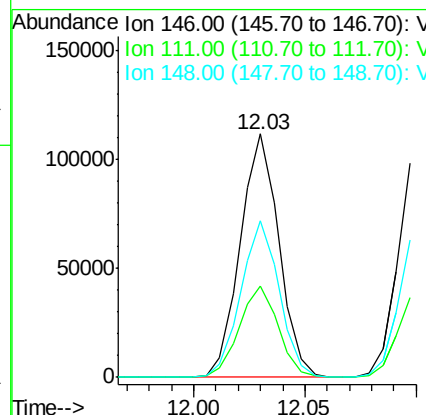
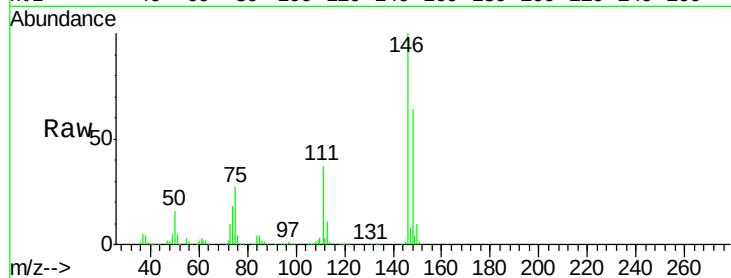
#83
 1,3-Dichlorobenzene
 Concen: 20.49 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.3	31.9	95.7

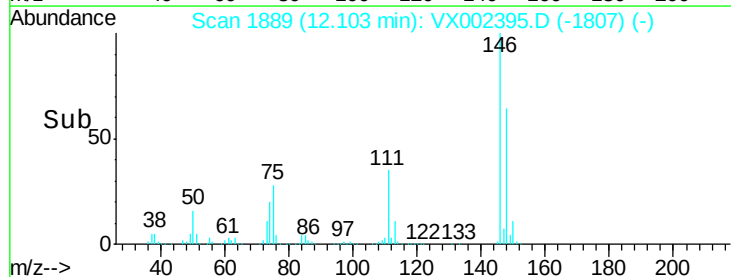
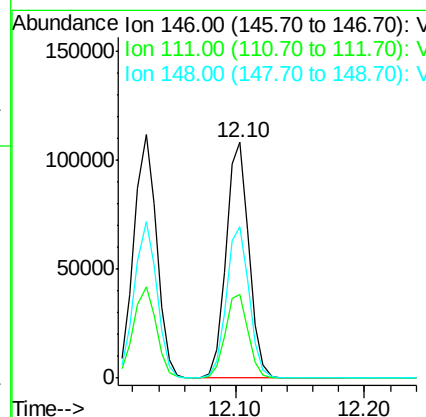
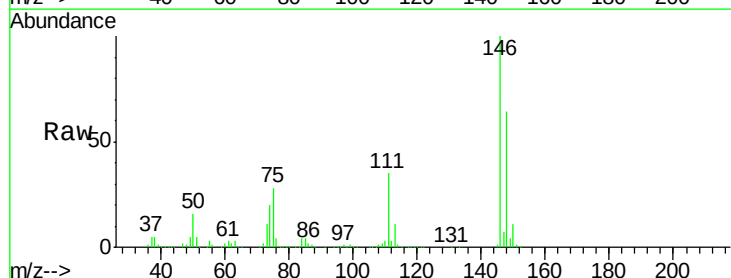
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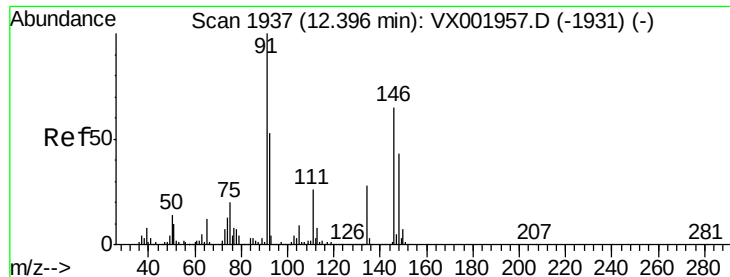
MMDadoda
 6/11/2018 9:30:14 AM



#84
 1,4-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.5	55.5
148	64.3	32.0	96.0





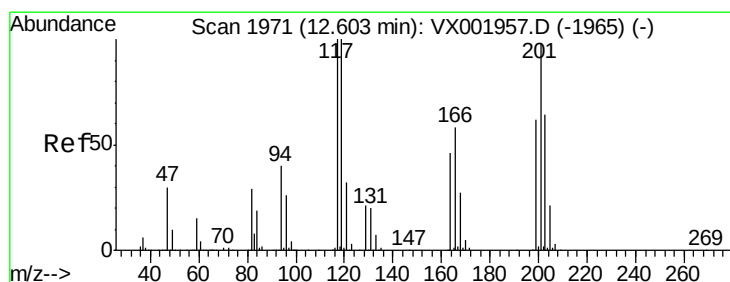
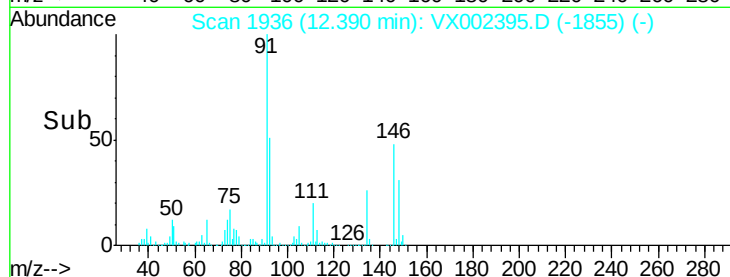
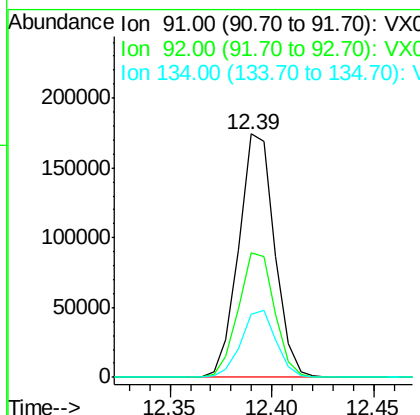
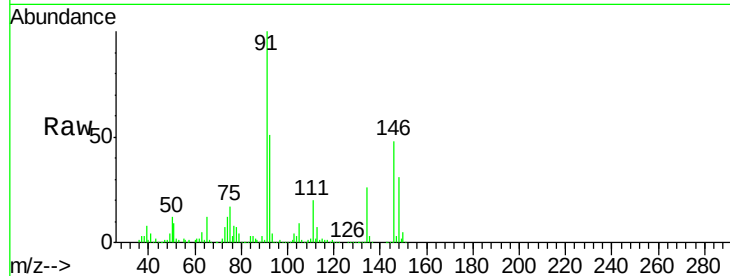
#85
n-Butylbenzene
Concen: 20.61 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	212549		
92	51.8	0.0	105.2	
134	27.1	0.0	53.2	

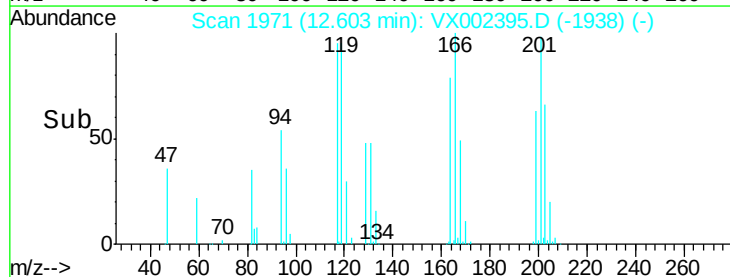
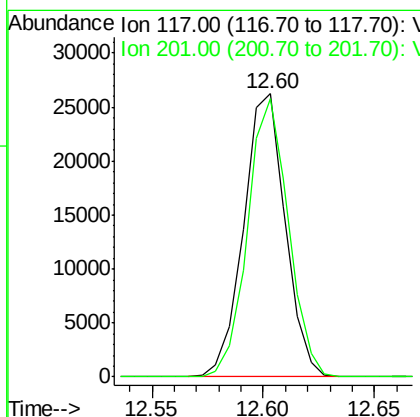
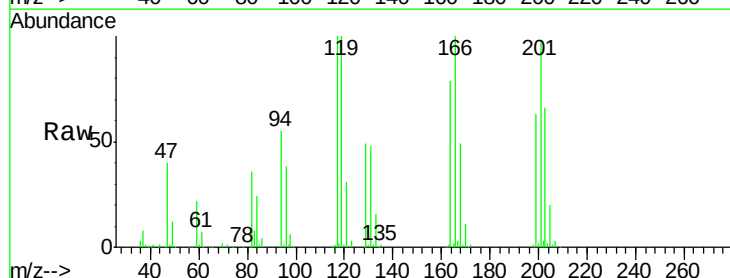
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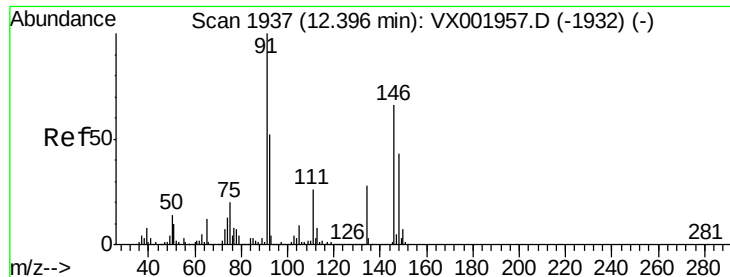
MMDadoda
6/11/2018 9:30:14 AM



#86
Hexachloroethane
Concen: 14.05 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34374		
201	95.6	47.6	142.8	





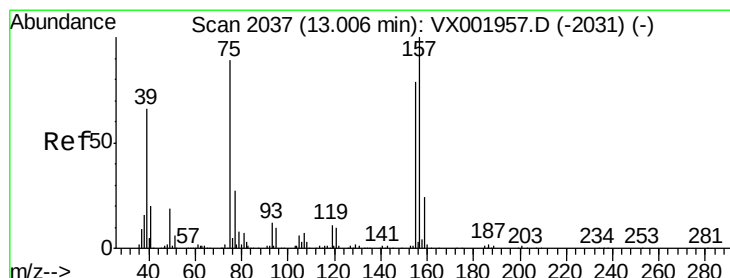
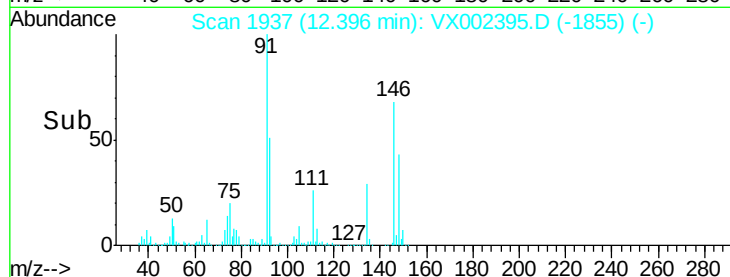
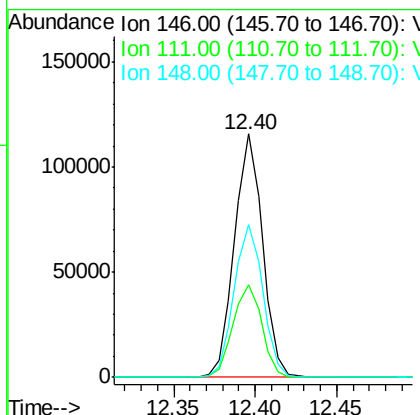
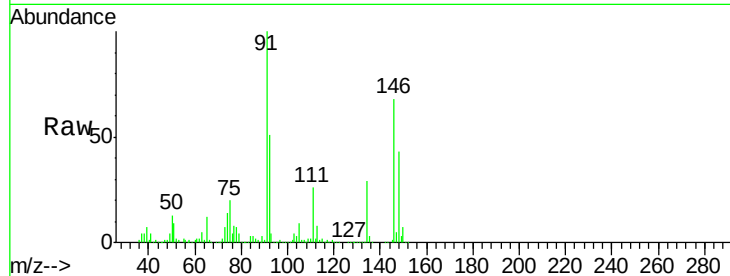
#87
 1,2-Dichlorobenzene
 Concen: 20.55 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	138937		
111	39.1	20.0	59.9	
148	64.1	32.8	98.3	

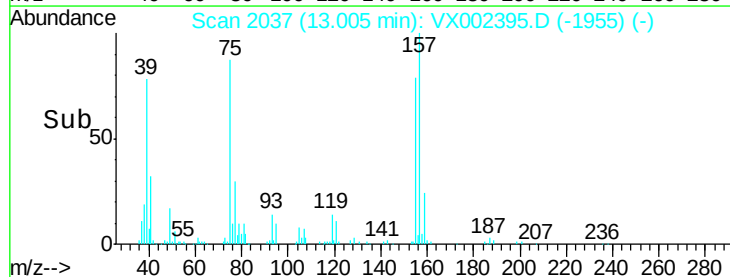
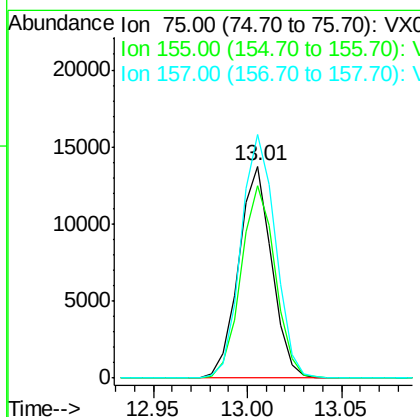
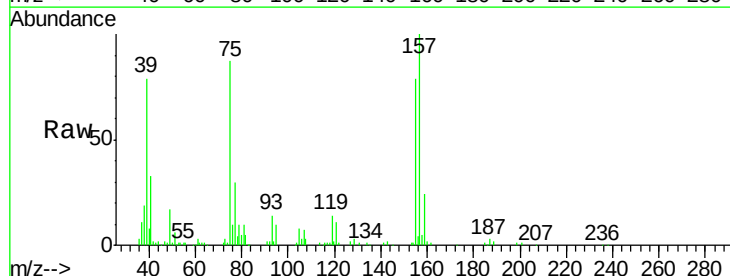
Manual Integrations
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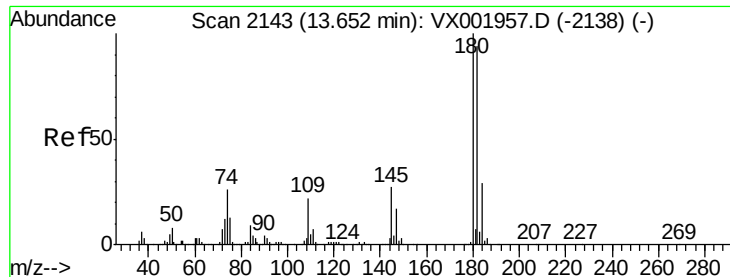
MMDadoda
 6/11/2018 9:30:14 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 13.31 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16764		
155	93.5	73.1	109.7	
157	119.1	93.1	139.7	





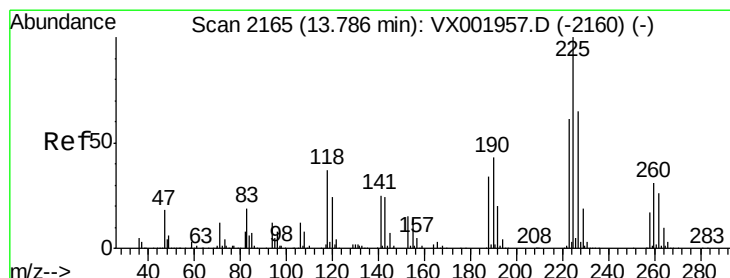
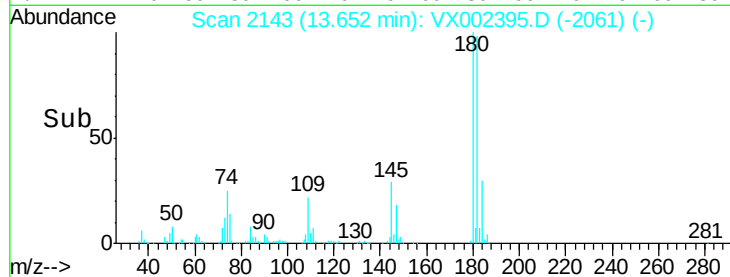
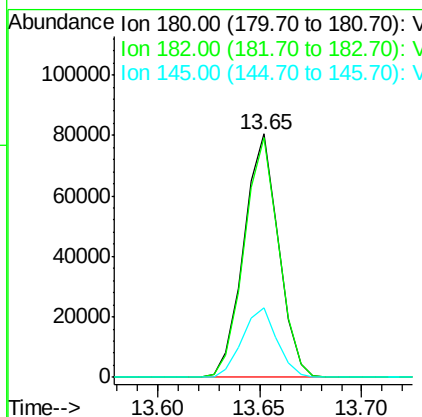
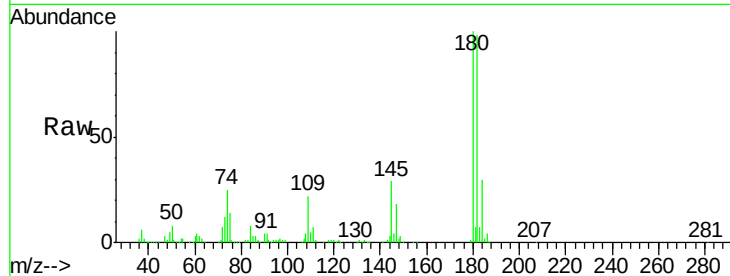
#89
 1,2,4-Trichlorobenzene
 Concen: 19.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.4	114.6
145	28.5	22.9	34.3

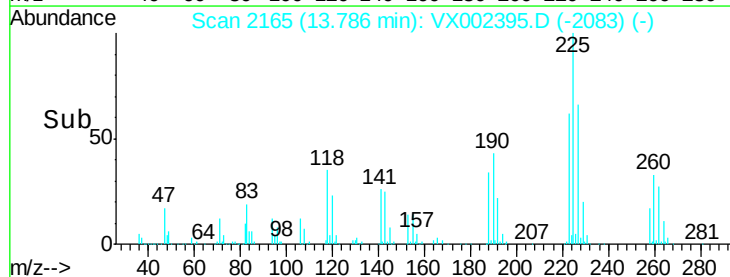
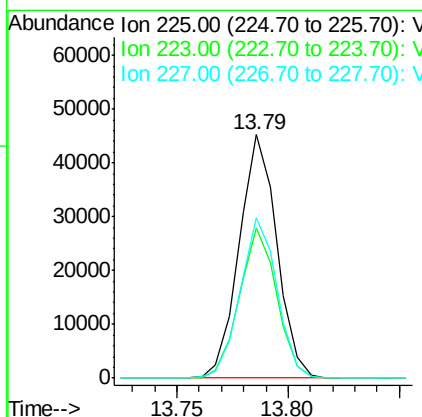
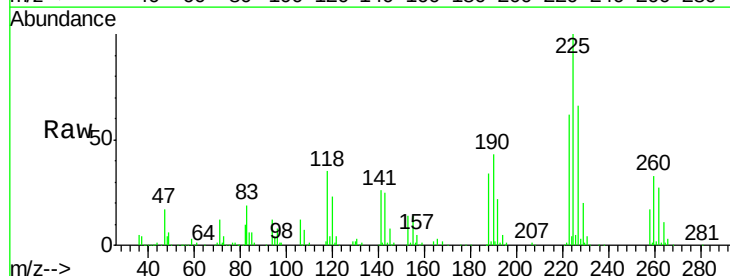
Manual Integrations
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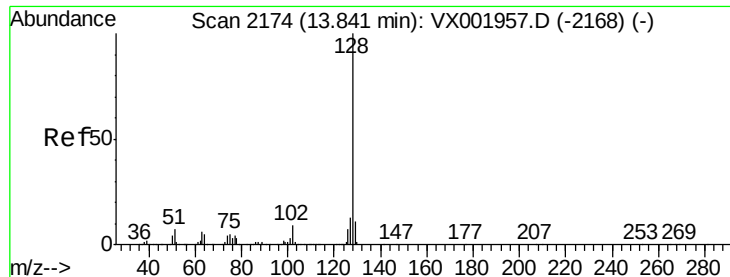
MMDadoda
 6/11/2018 9:30:14 AM



#90
 Hexachlorobutadiene
 Concen: 20.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002395.D
 Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	0.0	122.4
227	64.4	0.0	128.0





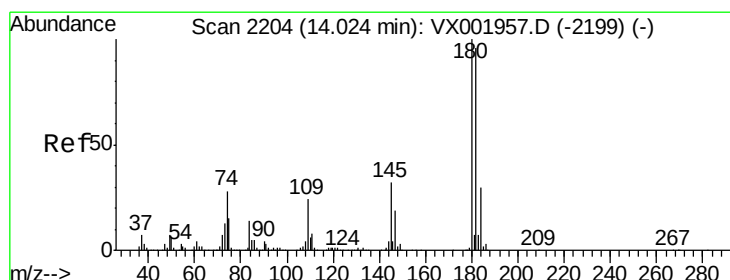
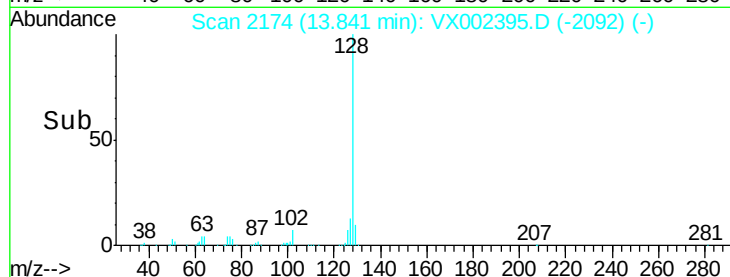
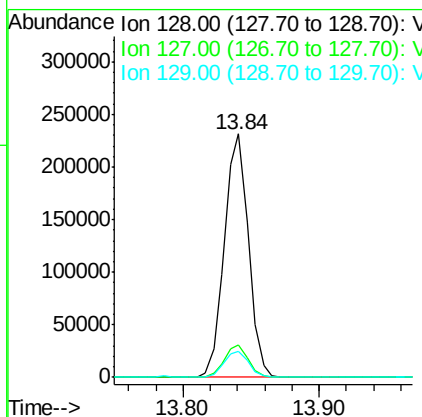
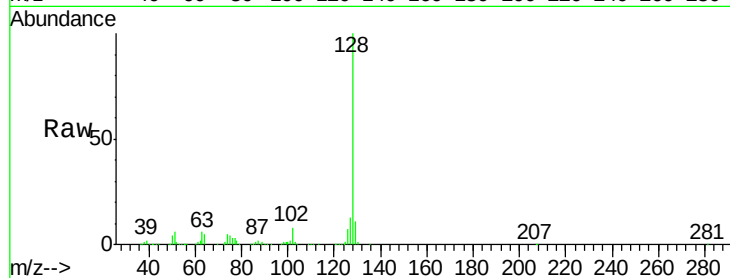
#91
Naphthalene
Concen: 18.73 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	283900		
127	13.1	10.3	15.5	
129	10.9	8.9	13.3	

Manual Integrations
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6/11/2018 9:30:14 AM



#92
1,2,3-Trichlorobenzene
Concen: 20.08 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002395.D
Acq: 08 Jun 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100734		
182	96.2	0.0	191.0	
145	30.1	0.0	60.6	

