

Data Path : W:\HPCHEM1\MSVOA X\Data\VX040218\
 Data File : VX000643.D
 Acq On : 02 Apr 2018 16:15
 Operator : JC/MD
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2018 5:09:38 PM

Quant Time: Apr 03 03:00:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	227502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	80960	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	5.51	113	65065	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	8.73	98	266534	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
62) 4-Bromofluorobenzene	11.15	95	107533	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23616	15.39	ug/l	98
3) Chloromethane	1.32	50	24046	14.87	ug/l	96
4) Vinyl Chloride	1.40	62	30341	17.76	ug/l	99
5) Bromomethane	1.64	94	28635	14.03	ug/l	98
6) Chloroethane	1.73	64	22072	22.71	ug/l	96
7) Trichlorofluoromethane	1.93	101	62225	20.18	ug/l	95
8) Diethyl Ether	2.19	74	21792	19.77	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32860	19.11	ug/l	97
10) Methyl Iodide	2.51	142	11433	10.41	ug/l	99
11) Tert butyl alcohol	3.07	59	62934	100.65	ug/l	100
12) 1,1-Dichloroethene	2.38	96	28914	19.16	ug/l	96
13) Acrolein	2.30	56	26757	140.78	ug/l	100
14) Allyl chloride	2.73	41	51620	19.30	ug/l	97
15) Acrylonitrile	3.15	53	123429	97.46	ug/l	99
16) Acetone	2.45	43	148037	97.89	ug/l	96
17) Carbon Disulfide	2.57	76	68531	17.08	ug/l	99
18) Methyl Acetate	2.78	43	62923	19.85	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	110101	19.72	ug/l	97
20) Methylene Chloride	2.86	84	37093	21.24	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	31454	18.68	ug/l	97
22) Diisopropyl ether	3.88	45	74898	15.87	ug/l	97
23) Vinyl Acetate	3.83	43	349766	78.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	54177	18.26	ug/l	98
25) 2-Butanone	4.71	43	147070	86.52	ug/l	99
26) 2,2-Dichloropropane	4.59	77	35758	17.20	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	26972	17.14	ug/l	98
28) Bromochloromethane	5.03	49	23655	19.34	ug/l #	97
29) Tetrahydrofuran	5.17	42	91152	87.16	ug/l	98
30) Chloroform	5.23	83	50368	18.12	ug/l	100
31) Cyclohexane	5.59	56	37900	16.53	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	43754	17.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	36396	17.08	ug/l	99
37) Ethyl Acetate	4.87	43	49605	17.04	ug/l	99
38) Carbon Tetrachloride	5.79	117	37011	16.55	ug/l	99

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Manual Integrations
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Quant Time: Apr 03 03:00:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	41368	15.96	ug/l	97
40) Benzene	6.15	78	108650	17.56	ug/l	98
41) Methacrylonitrile	5.07	41	25527	16.63	ug/l	97
42) 1,2-Dichloroethane	6.21	62	43851	18.06	ug/l	99
43) Isopropyl Acetate	6.48	43	74618	17.22	ug/l	99
44) Trichloroethene	7.22	130	31255	17.63	ug/l	98
45) 1,2-Dichloropropane	7.52	63	28486	17.98	ug/l	99
46) Dibromomethane	7.67	93	21891	17.61	ug/l	97
47) Bromodichloromethane	7.91	83	40866	18.68	ug/l	94
48) Methyl methacrylate	7.79	41	37560	17.85	ug/l	98
49) 1,4-Dioxane	7.76	88	17045	385.48	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	304019	90.65	ug/l	100
52) Toluene	8.79	92	77340	17.88	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	46234	18.24	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	45386	18.46	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	33922	19.07	ug/l	98
56) Ethyl methacrylate	9.19	69	48381	17.95	ug/l	98
57) 1,3-Dichloropropane	9.38	76	54534	19.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	91947	71.06	ug/l	100
59) 2-Hexanone	9.51	43	261359	91.77	ug/l	100
60) Dibromochloromethane	9.59	129	33621	18.77	ug/l	98
61) 1,2-Dibromoethane	9.68	107	36234	18.99	ug/l	100
64) Tetrachloroethene	9.34	164	30286	16.18	ug/l	95
65) Chlorobenzene	10.15	112	95654	17.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	32292	17.71	ug/l	99
67) Ethyl Benzene	10.26	91	159135	17.49	ug/l	100
68) m/p-Xylenes	10.37	106	124771	34.84	ug/l	100
69) o-Xylene	10.71	106	60830	17.54	ug/l	99
70) Styrene	10.72	104	102915	17.94	ug/l	98
71) Bromoform	10.87	173	26943	17.60	ug/l #	97
73) Isopropylbenzene	11.02	105	170356	17.32	ug/l	99
74) N-amyl acetate	6.48	43	74618	15.11	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	62243	17.89	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	55723m	17.47	ug/l	
77) Bromobenzene	11.26	156	43194	16.49	ug/l	99
78) n-propylbenzene	11.37	91	205778	17.55	ug/l	99
79) 2-Chlorotoluene	11.43	91	114273	16.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145108	17.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15883	16.12	ug/l	92
82) 4-Chlorotoluene	11.52	91	143243	17.71	ug/l	99
83) tert-Butylbenzene	11.78	119	147736	17.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	152682	17.61	ug/l	99
85) sec-Butylbenzene	11.95	105	180515	17.49	ug/l	99
86) p-Isopropyltoluene	12.07	119	165811	18.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	86534	17.47	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	91605	17.61	ug/l	97
89) n-Butylbenzene	12.40	91	157869	18.50	ug/l	99
90) Hexachloroethane	12.60	117	24639	17.08	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	88090	18.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16230	16.73	ug/l	96

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ClientSampleId :
VX0402WBSD01

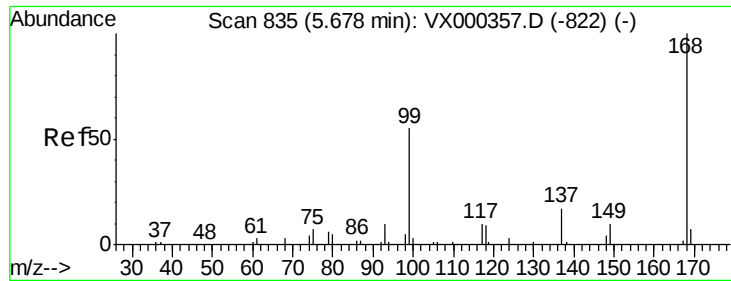
Manual Integrations
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4/4/2018 5:09:38 PM

Quant Time: Apr 03 03:00:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64549	18.54	ug/l	97
94) Hexachlorobutadiene	13.79	225	24816	17.21	ug/l	99
95) Naphthalene	13.84	128	221369	18.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	63374	18.42	ug/l	100

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



#1

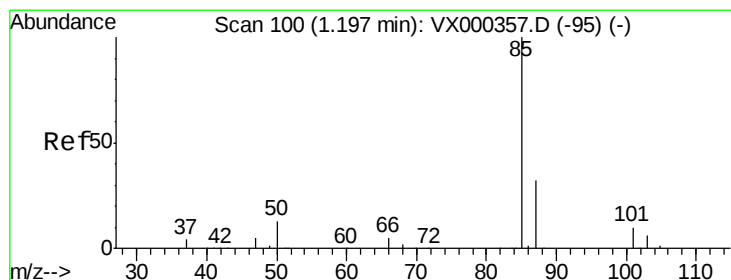
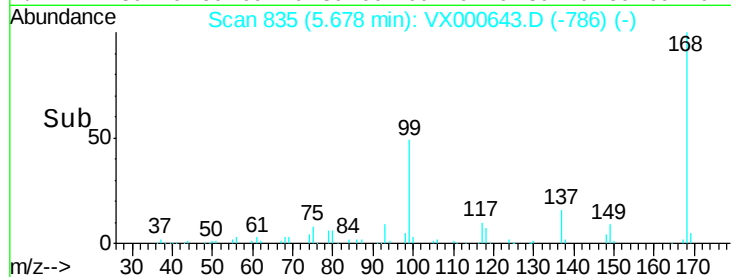
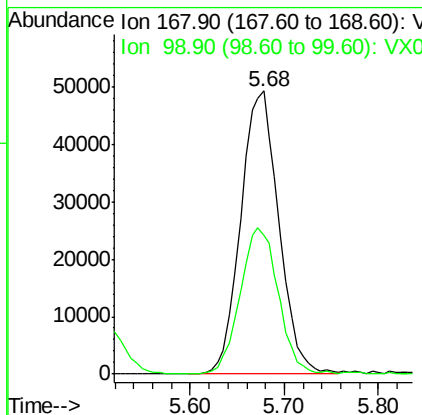
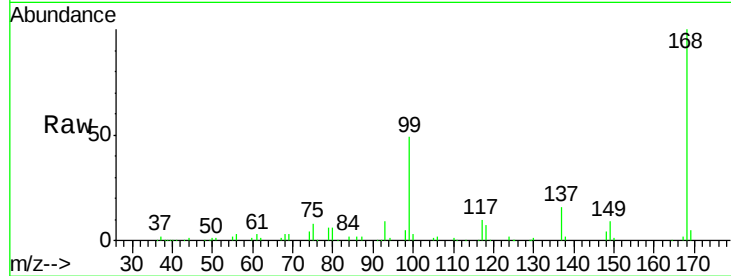
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	45.8	68.6

Manual Integrations
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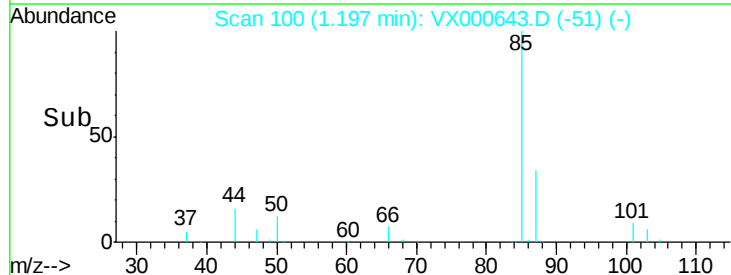
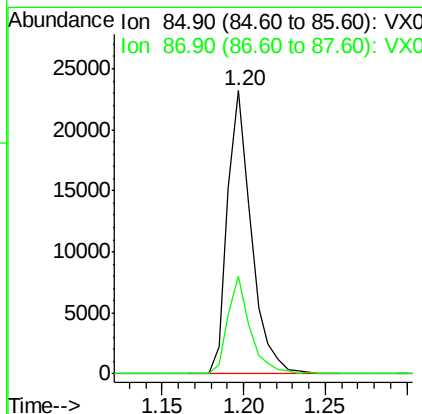
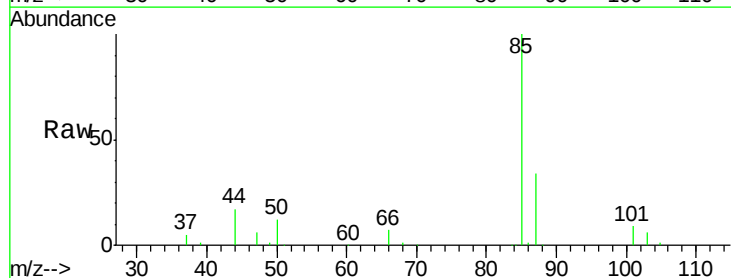
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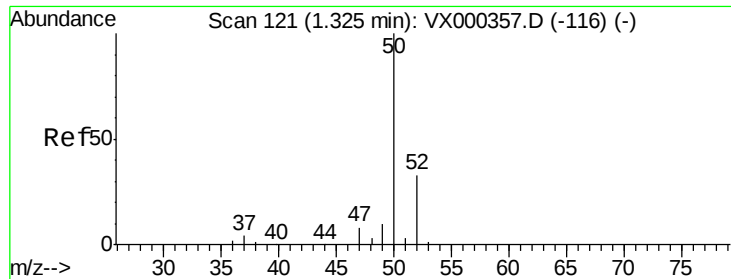


#2

Dichlorodifluoromethane
 Concen: 15.39 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.4	16.8	50.3





#3

Chloromethane

Concen: 14.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 50 Resp: 24046

Ion Ratio Lower Upper

50 100

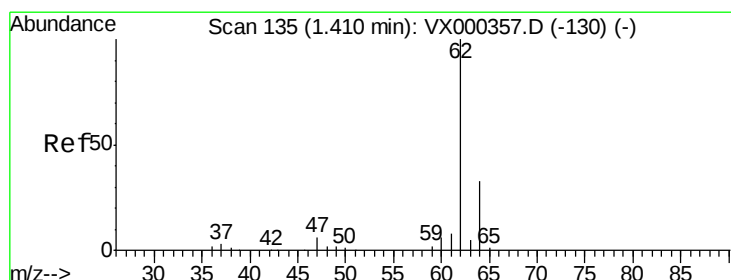
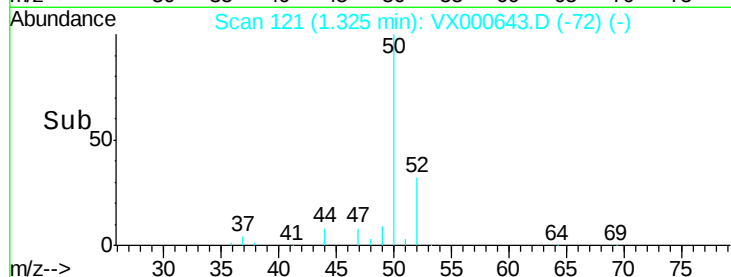
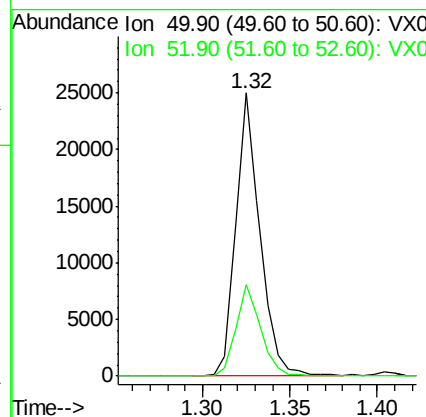
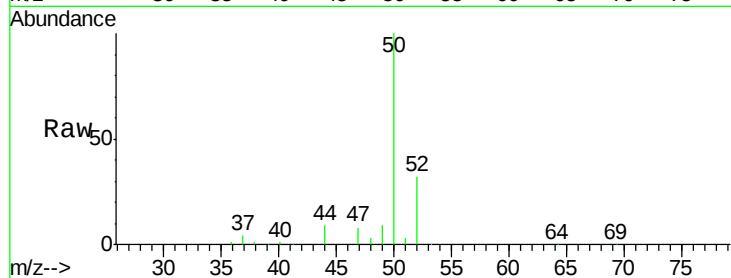
52 32.2 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000643.D

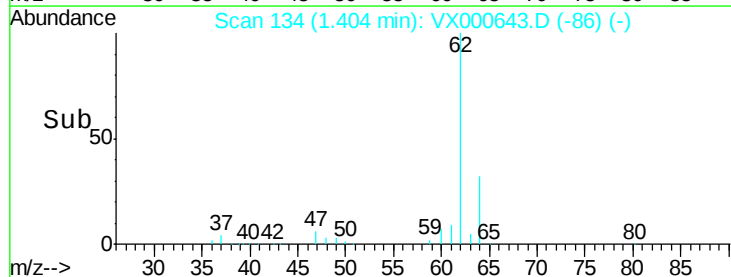
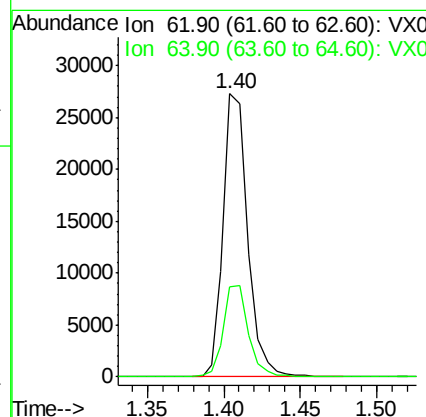
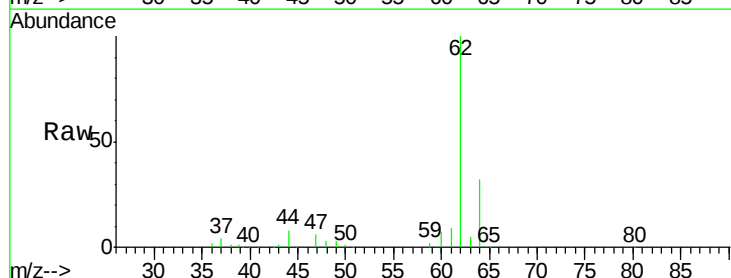
Acq: 02 Apr 2018 16:15

Tgt Ion: 62 Resp: 30341

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 14.03 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 94 Resp: 28635

Ion Ratio Lower Upper

94 100

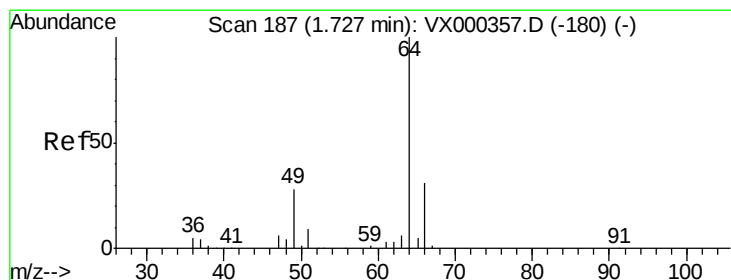
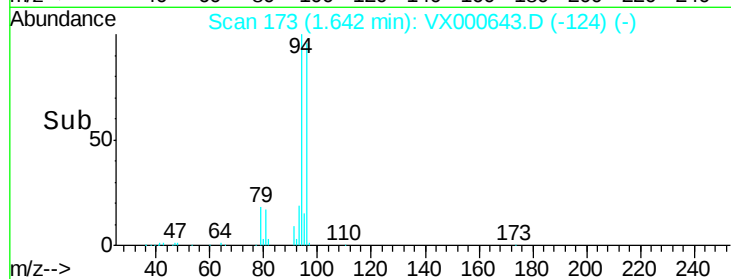
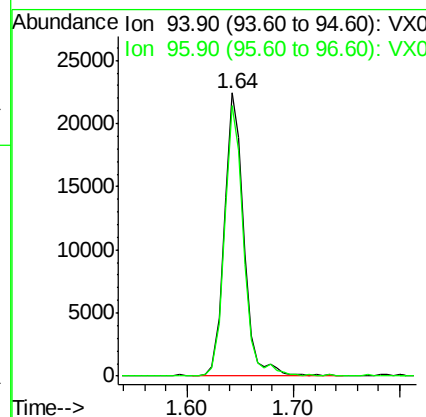
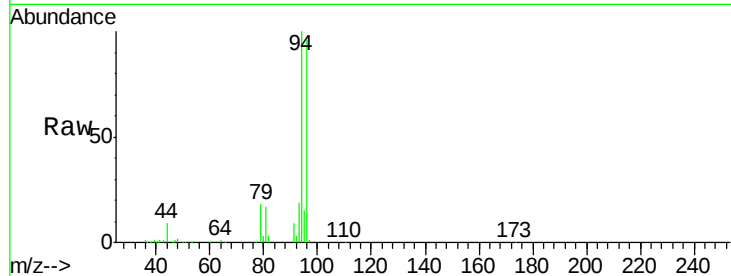
96 95.5 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 22.71 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000643.D

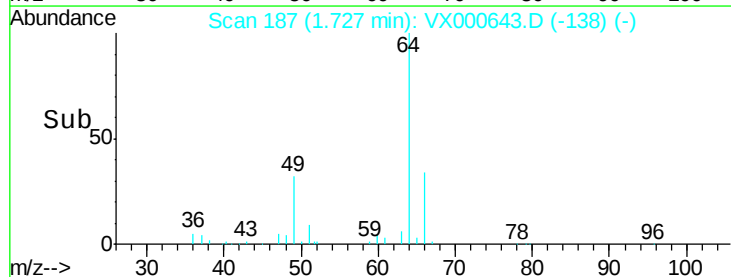
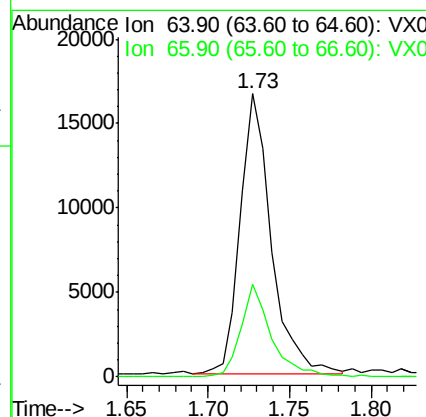
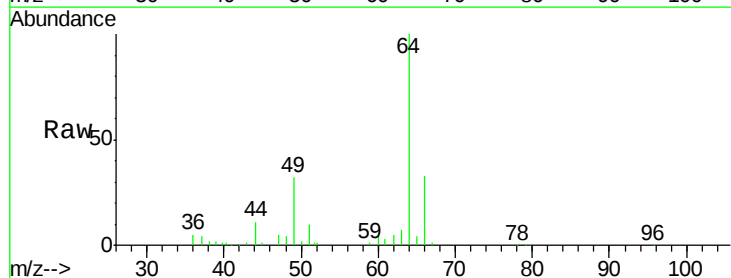
Acq: 02 Apr 2018 16:15

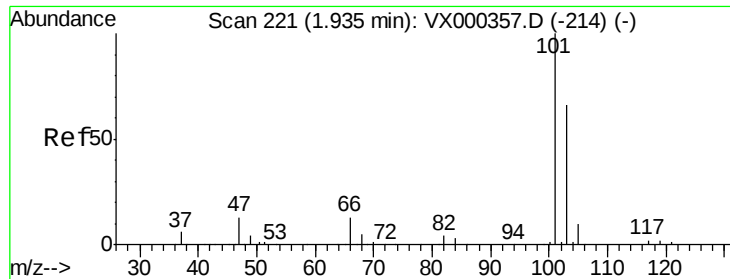
Tgt Ion: 64 Resp: 22072

Ion Ratio Lower Upper

64 100

66 33.2 24.8 37.2





#7

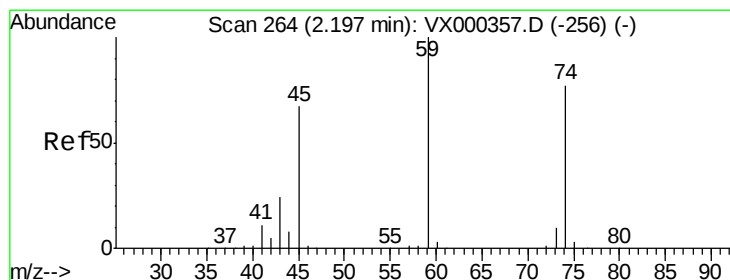
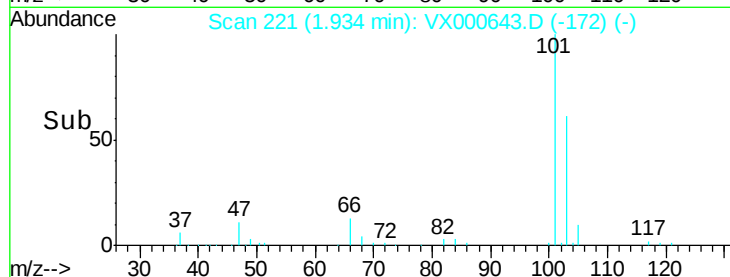
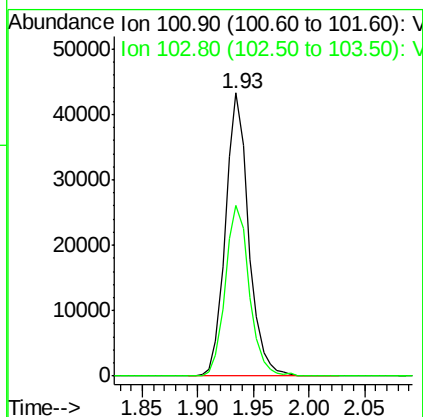
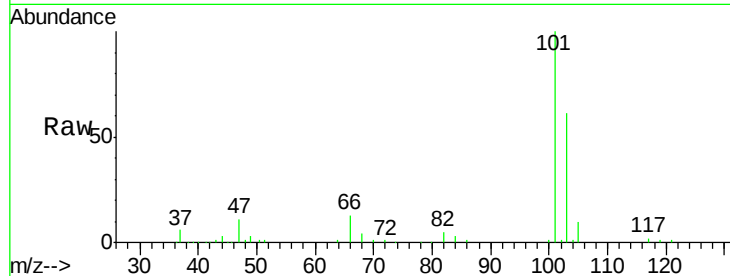
Trichlorofluoromethane
 Concen: 20.18 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.5	51.6	77.4

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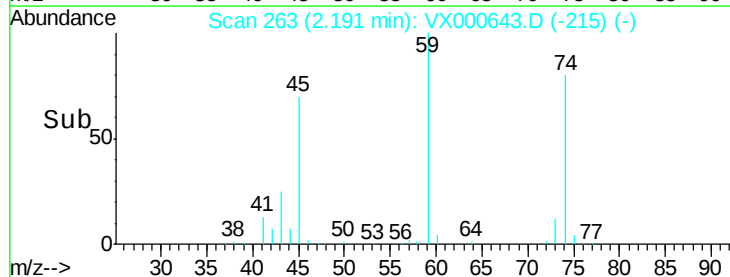
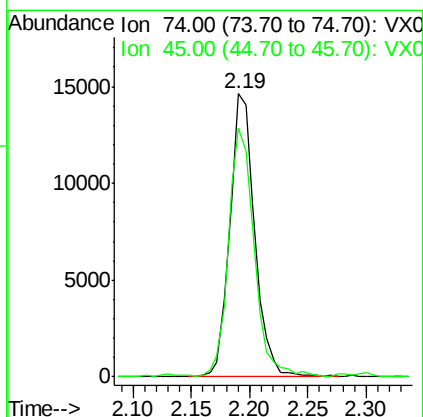
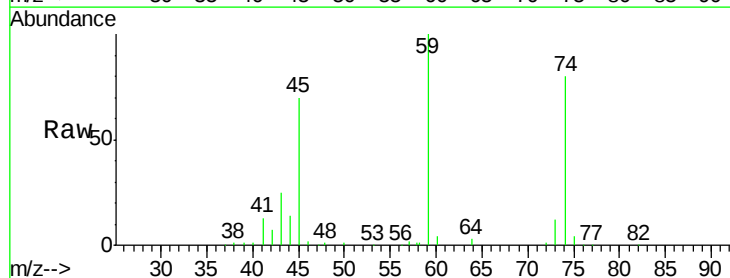
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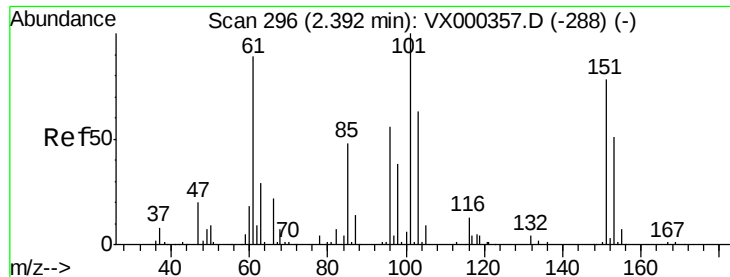


#8

Diethyl Ether
 Concen: 19.77 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.11 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

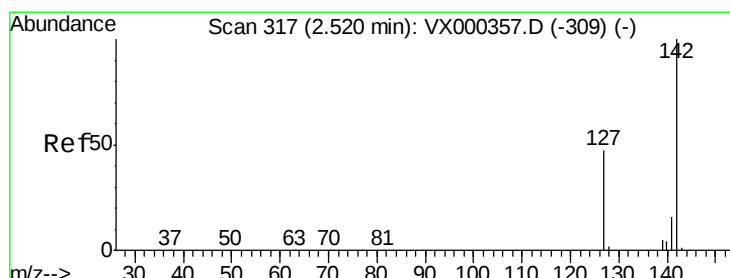
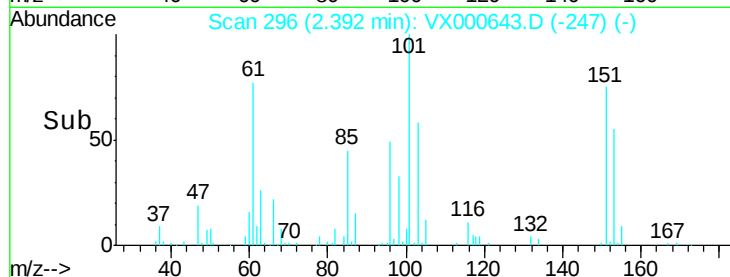
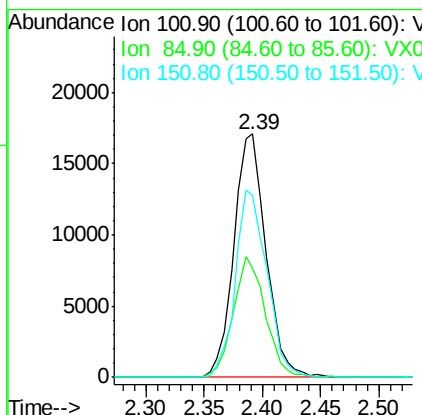
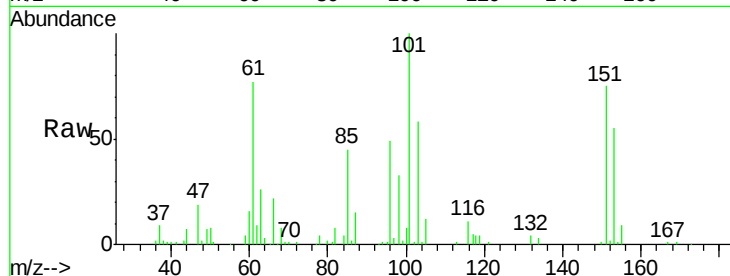
ClientSampleId :

VX0402WBSD01

Tot Ion:	101	Resp:	32860
Ion Ratio	Lower	Upper	
101	100		
85	49.3	37.6	56.4
151	76.1	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 10.41 ug/l

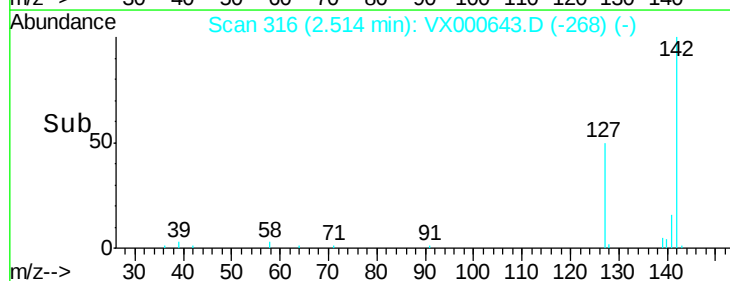
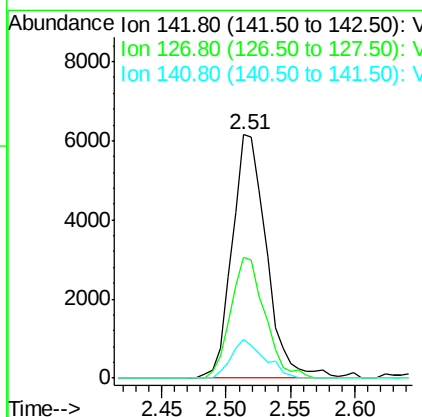
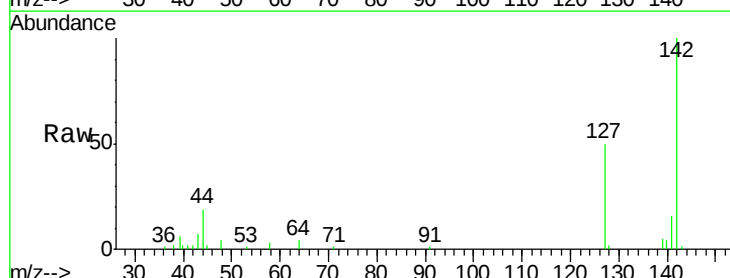
RT: 2.51 min Scan# 316

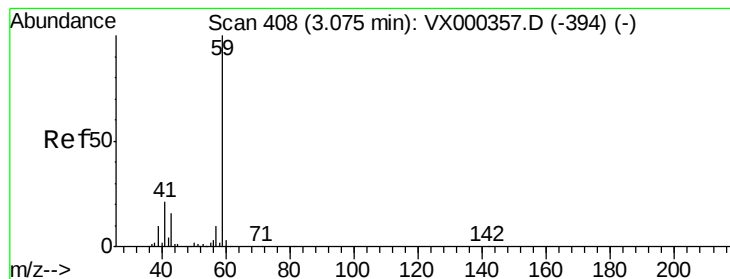
Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion:	142	Resp:	11433
Ion Ratio	Lower	Upper	
142	100		
127	49.6	39.2	58.8
141	15.4	11.7	17.5





#11

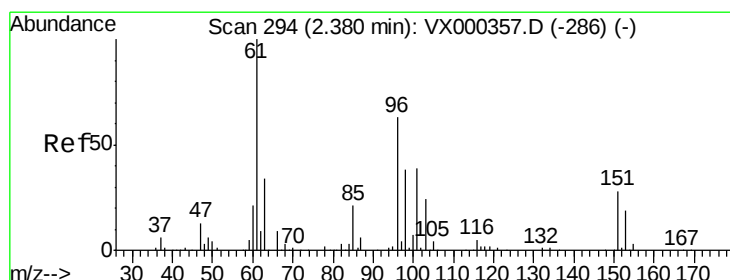
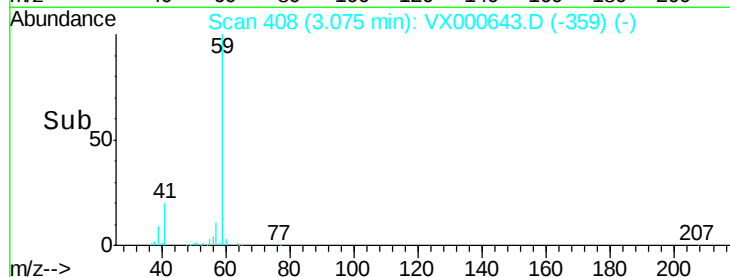
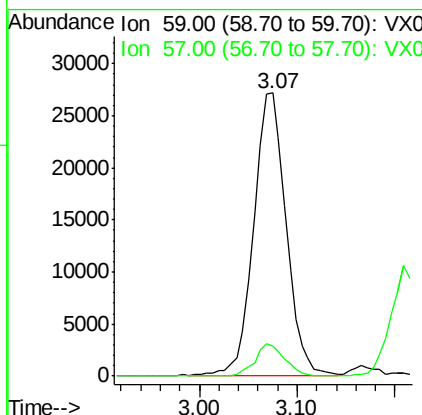
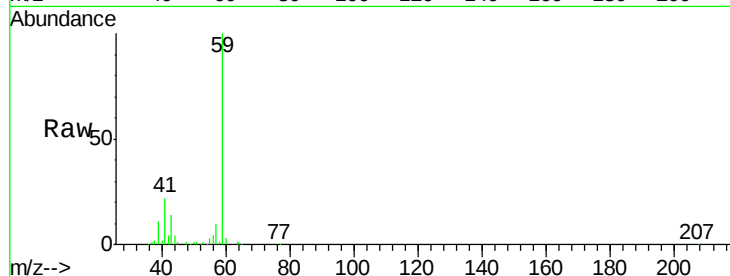
Tert butyl alcohol
Concen: 100.65 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	59	Resp	62934
Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

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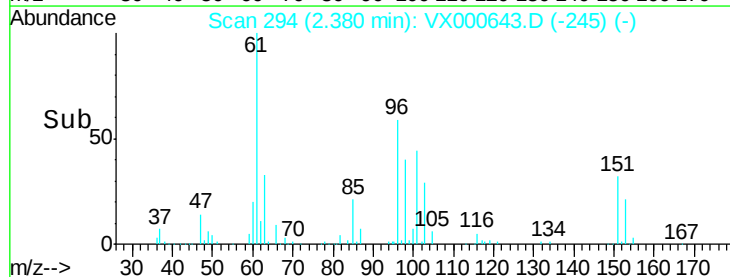
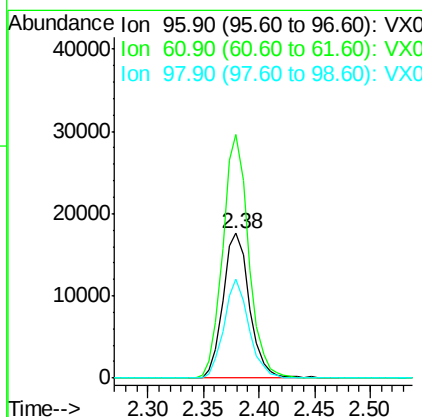
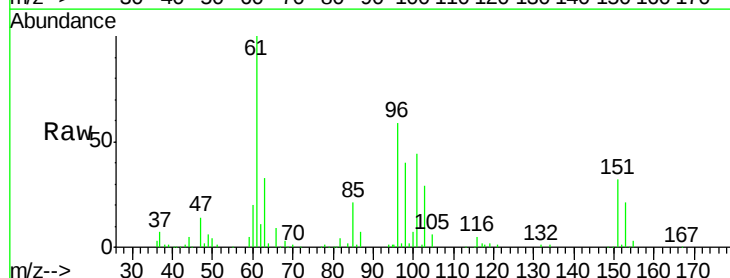
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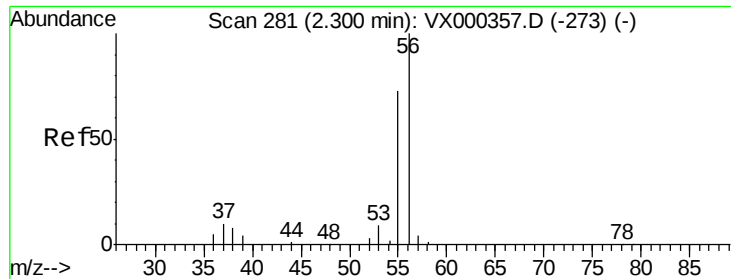


#12

1,1-Dichloroethene
Concen: 19.16 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	96	Resp	28914
Ion	Ratio	Lower	Upper
96	100		
61	168.2	131.2	196.8
98	68.1	49.8	74.8





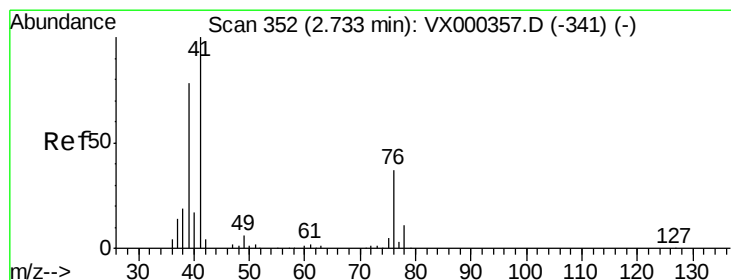
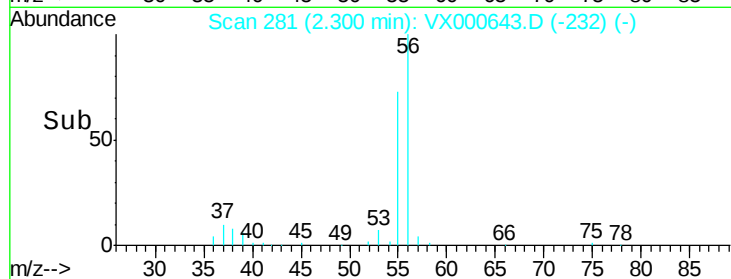
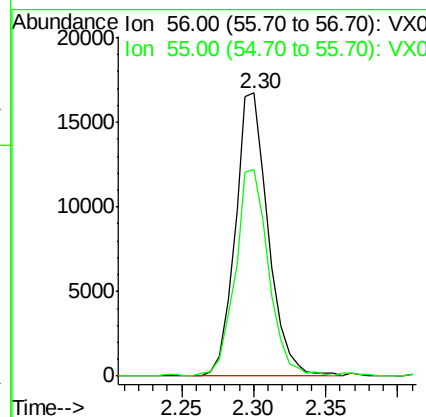
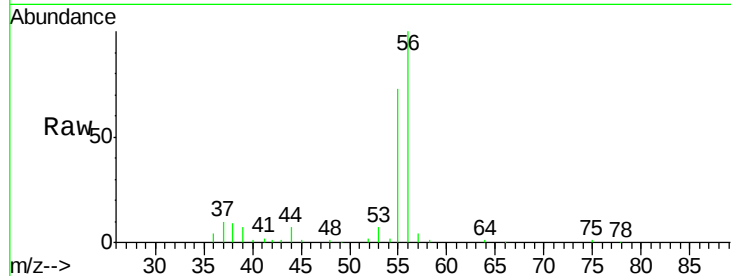
#13
Acrolein
Concen: 140.78 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	56	55	Ratio	100	73.7	Resp	26757	Lower	58.8	Upper	88.2
Ion											

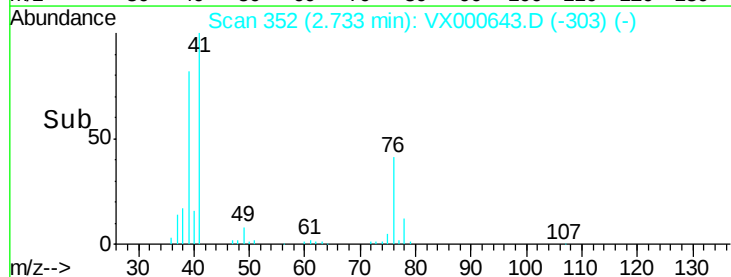
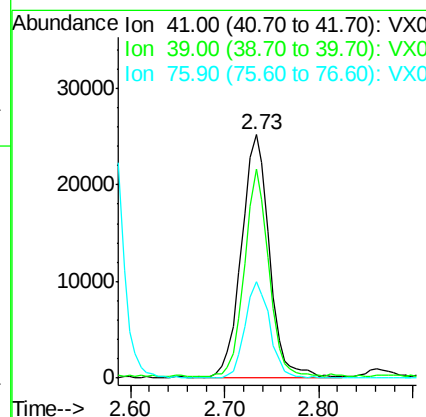
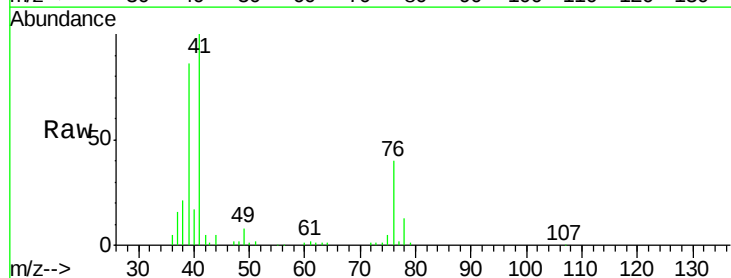
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#14
Allyl chloride
Concen: 19.30 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	41	39	76	Ratio	100	74.9	35.5	Resp	51620	Lower	57.6	Upper	86.4	40.9
Ion														





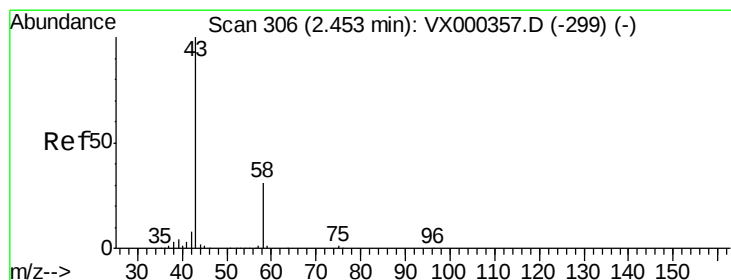
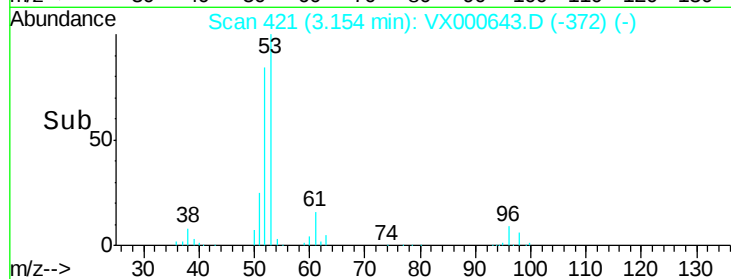
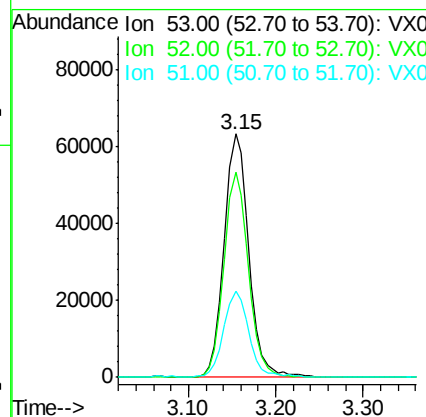
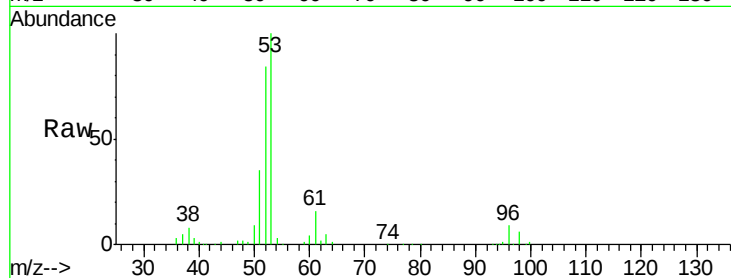
#15
 Acrylonitrile
 Concen: 97.46 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion:	53	Resp:	123429
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.6	99.8
51	36.9	29.3	43.9

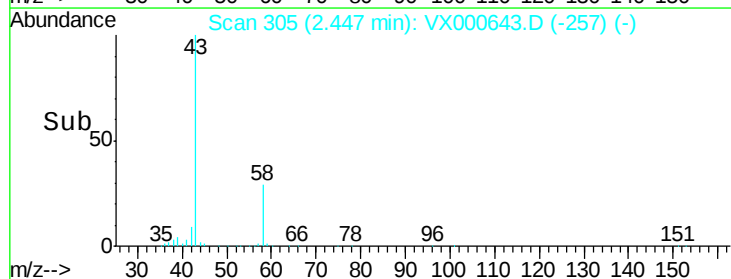
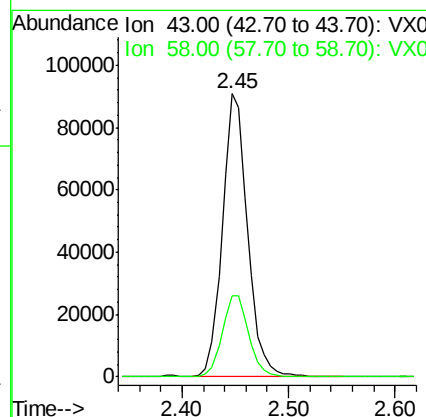
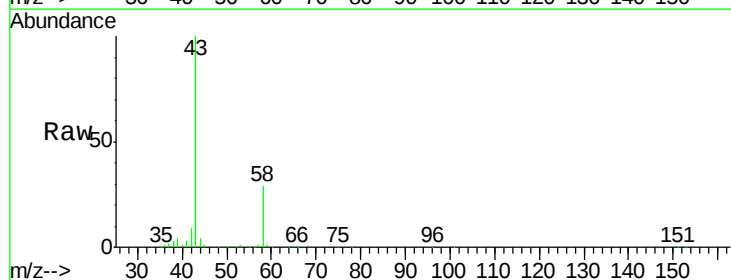
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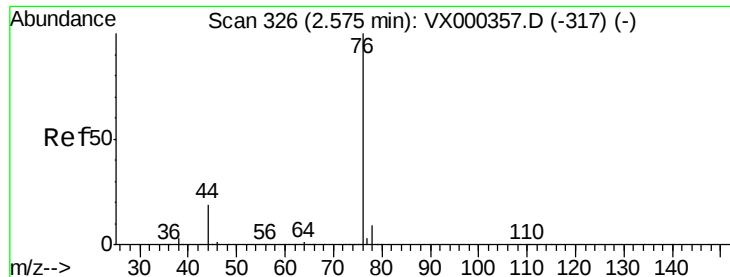
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#16
 Acetone
 Concen: 97.89 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion:	43	Resp:	148037
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.7	37.1





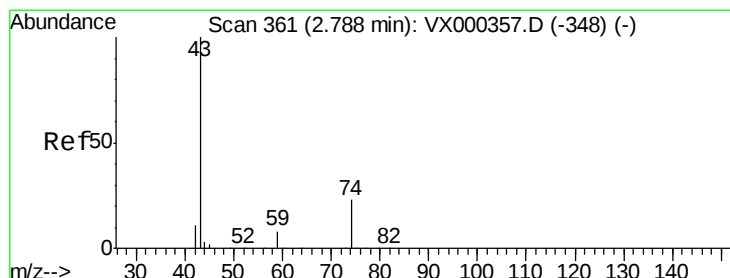
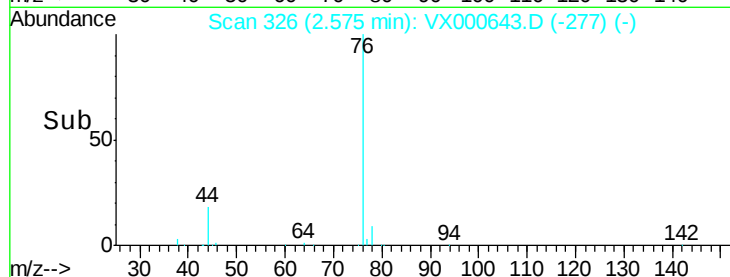
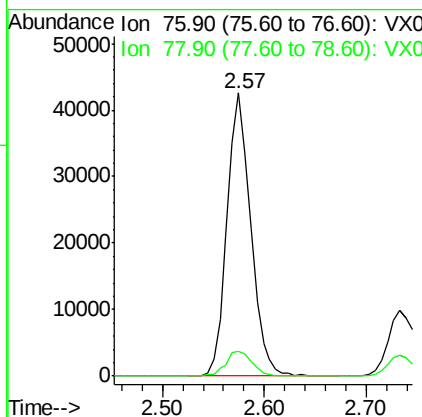
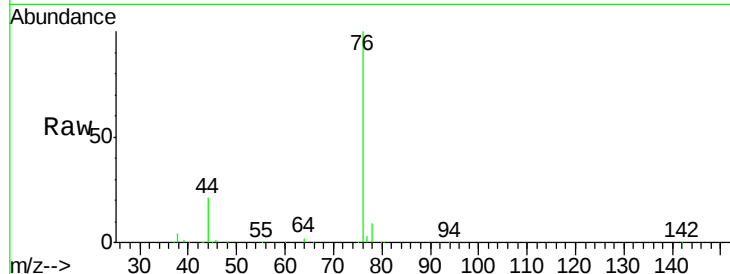
#17
Carbon Disulfide
Concen: 17.08 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.0	10.6

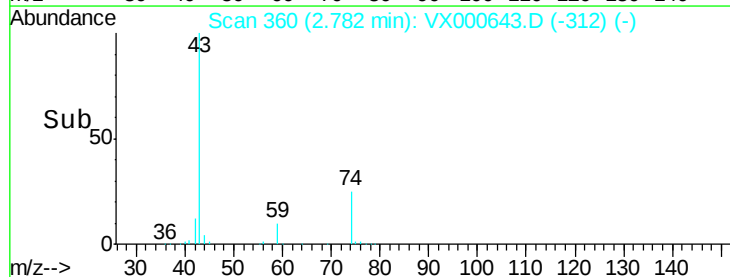
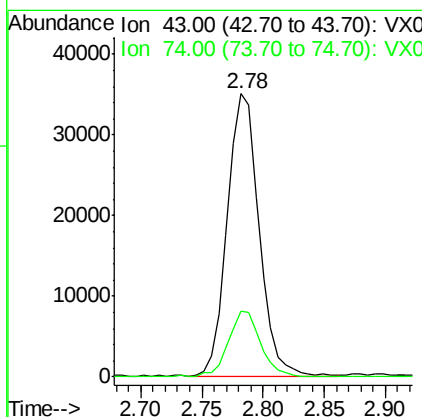
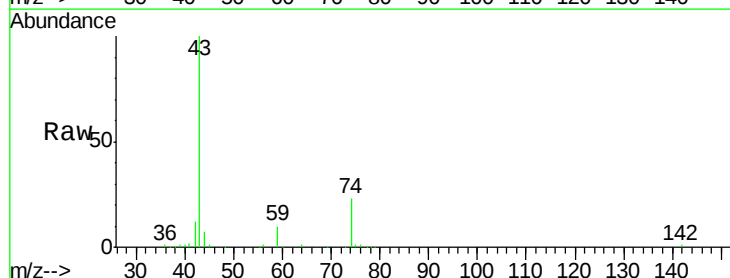
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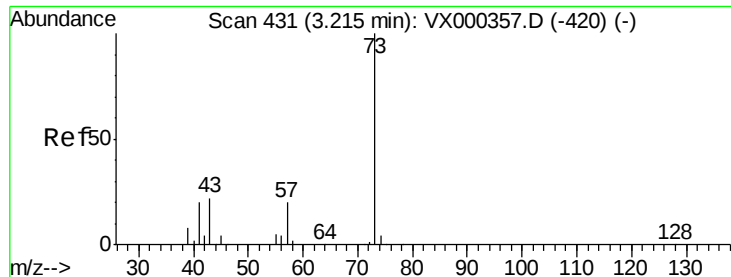
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#18
Methyl Acetate
Concen: 19.85 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





#19

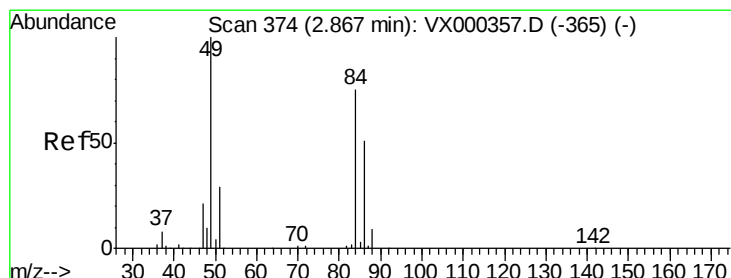
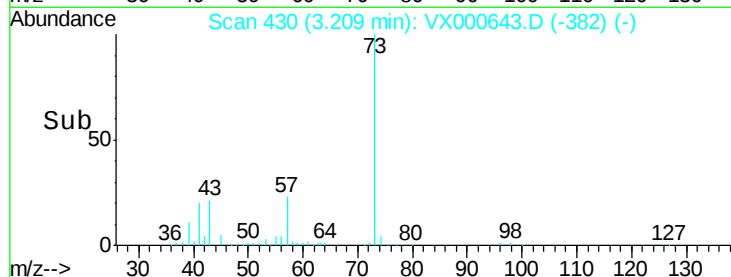
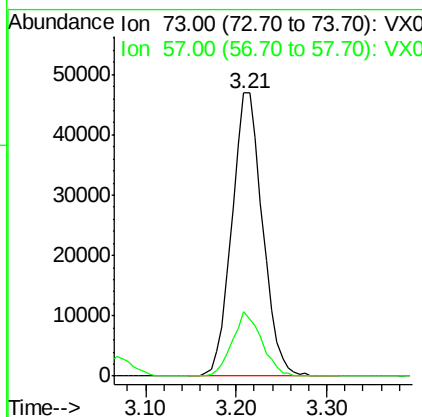
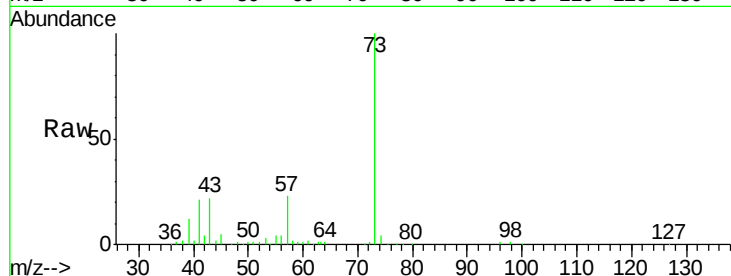
Methyl tert-butyl Ether
 Concen: 19.72 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.2	25.8

Manual Integrations
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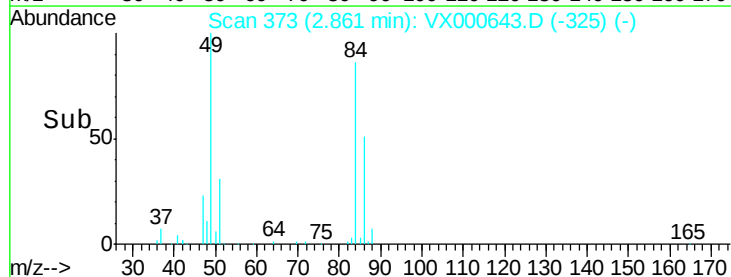
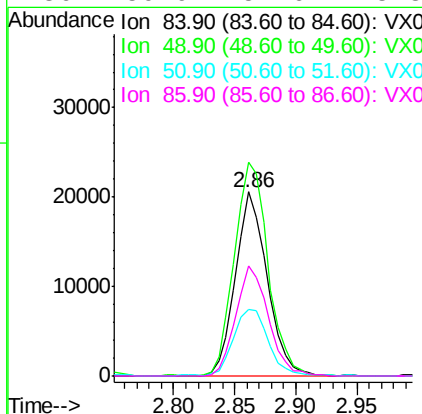
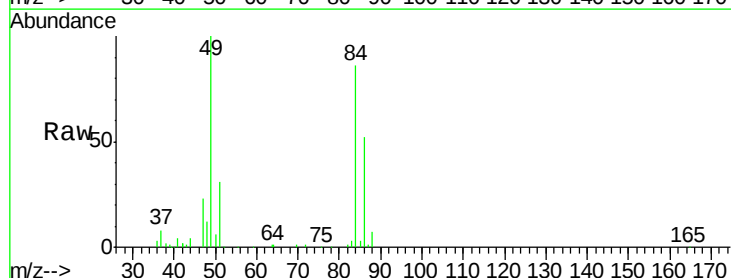
MMDadoda
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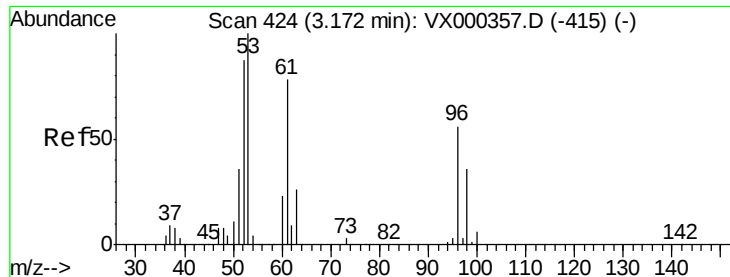


#20

Methylene Chloride
 Concen: 21.24 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	100.6	151.0
51	35.6	31.6	47.4
86	59.9	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 18.68 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

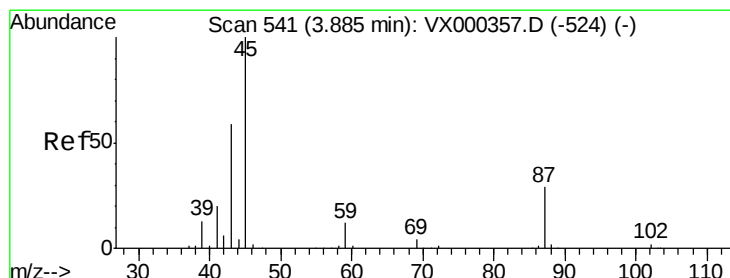
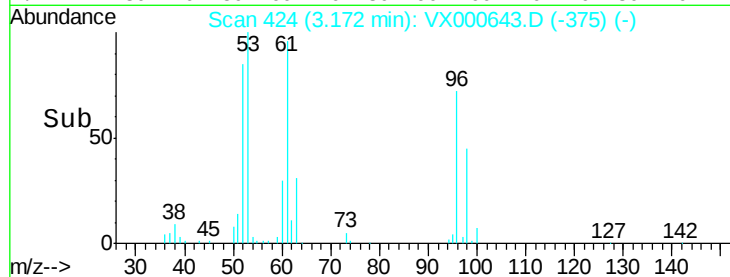
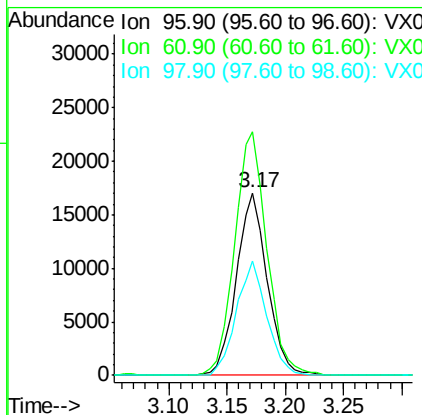
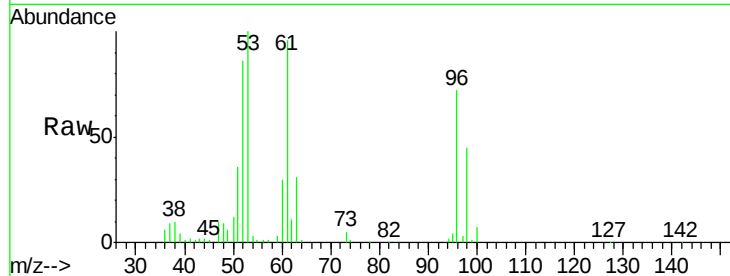
ClientSampleId :

VX0402WBSD01

Tot Ion:	96	Resp:	31454
Ion	Ratio	Lower	Upper
96	100		
61	133.6	104.0	156.0
98	62.5	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 15.87 ug/l

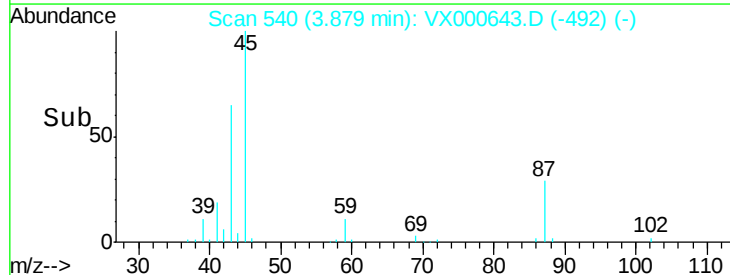
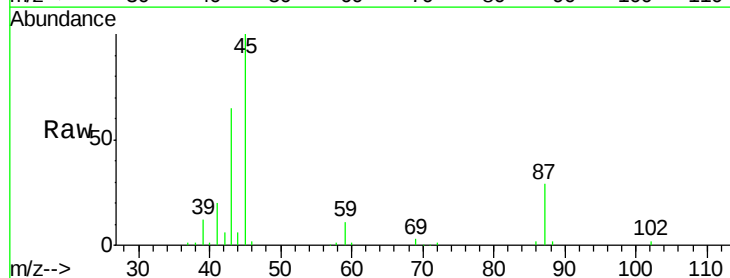
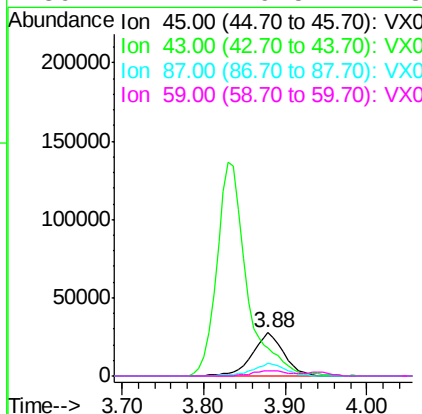
RT: 3.88 min Scan# 540

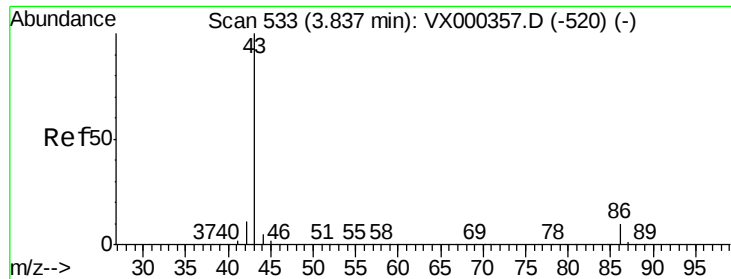
Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion:	45	Resp:	74898
Ion	Ratio	Lower	Upper
45	100		
43	63.6	53.9	80.9
87	28.5	22.6	34.0
59	11.2	9.5	14.3





#23

Vinyl Acetate

Concen: 78.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 43 Resp: 349766

Ion Ratio Lower Upper

43 100

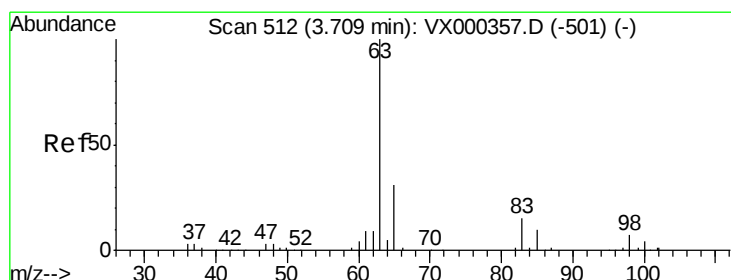
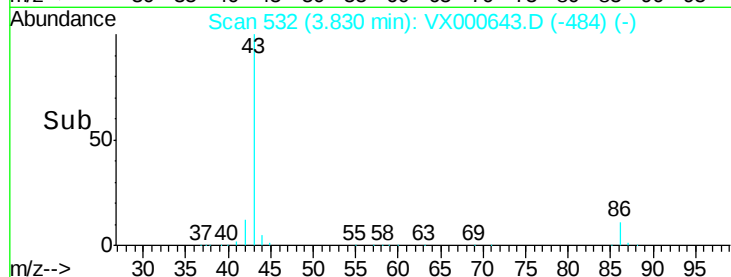
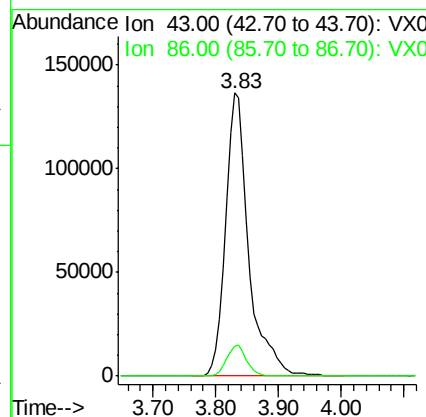
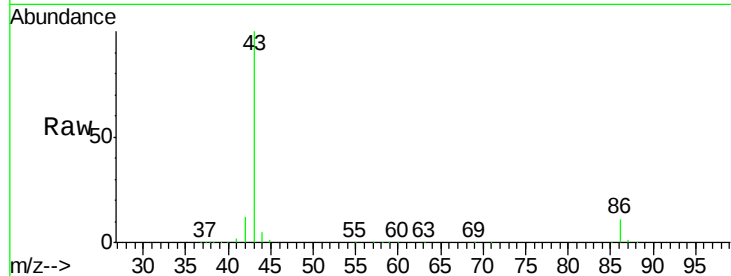
86 10.5 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.26 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

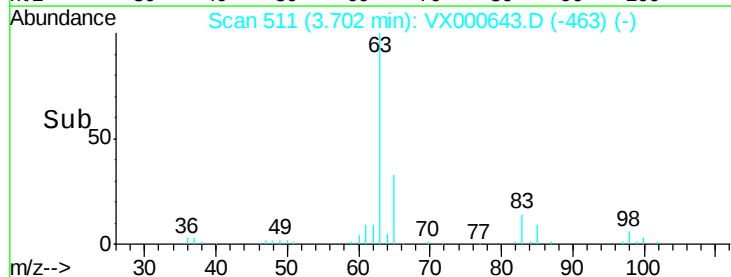
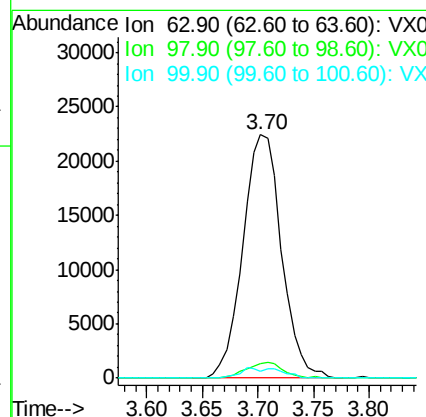
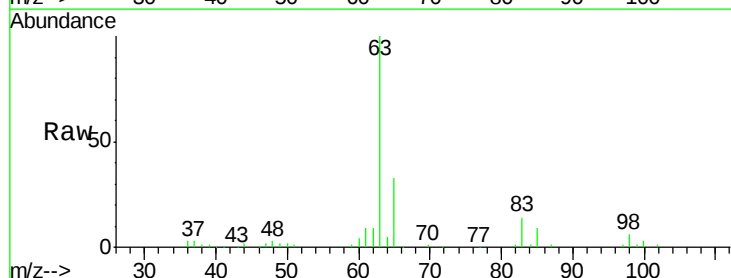
Tgt Ion: 63 Resp: 54177

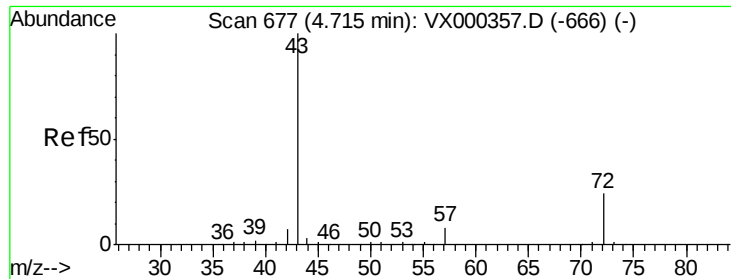
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 3.0 2.0 5.8





#25

2-Butanone

Concen: 86.52 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tot Ion: 43 Resp: 147070

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

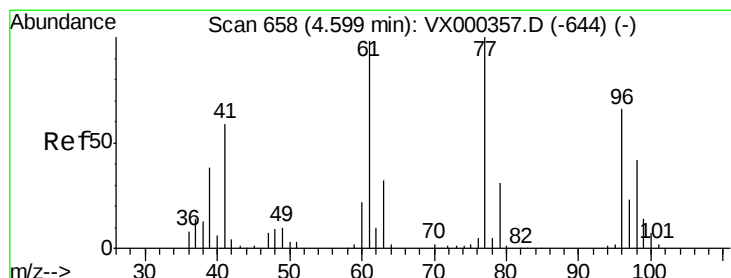
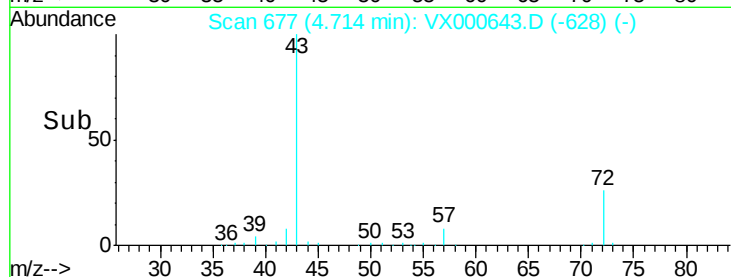
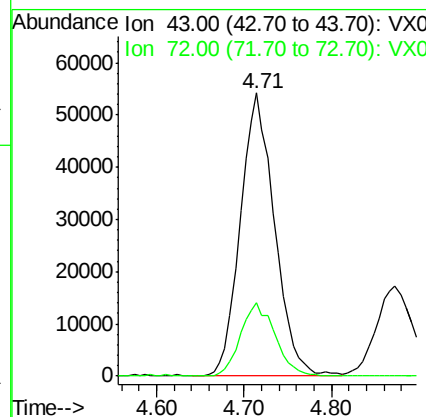
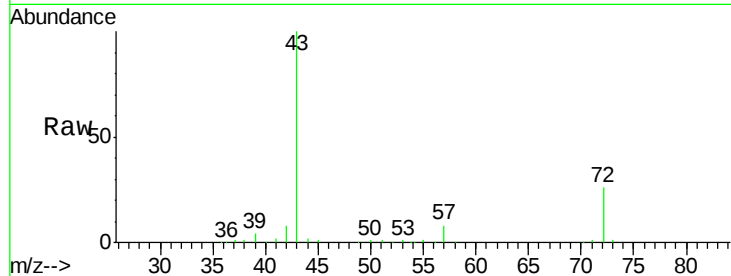
VX0402WBSD01

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#26

2,2-Dichloropropane

Concen: 17.20 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000643.D

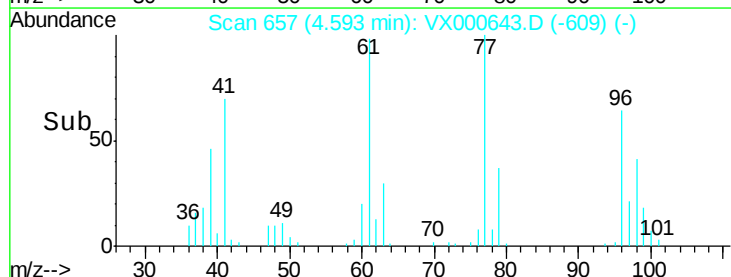
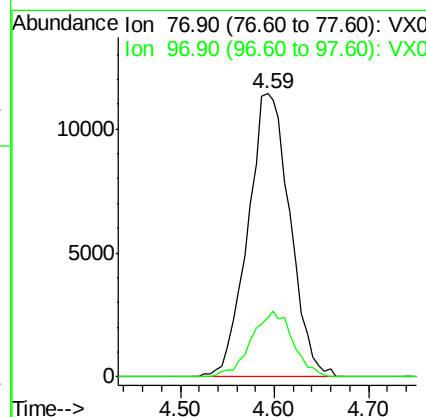
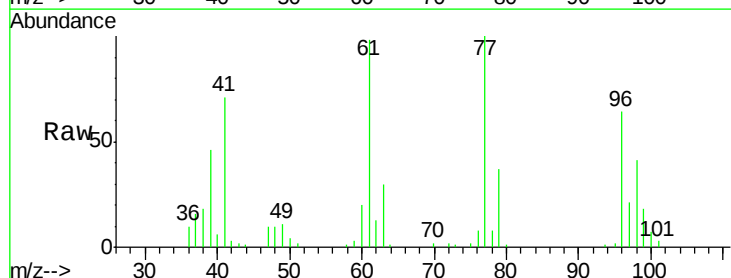
Acq: 02 Apr 2018 16:15

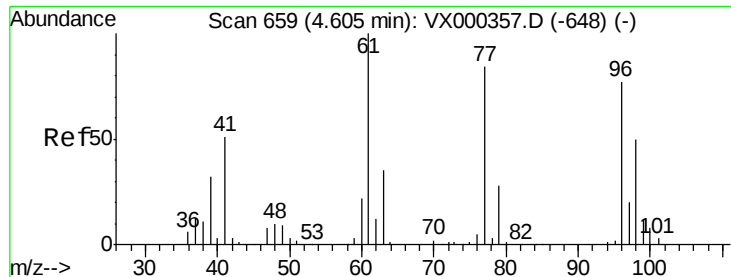
Tgt Ion: 77 Resp: 35758

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

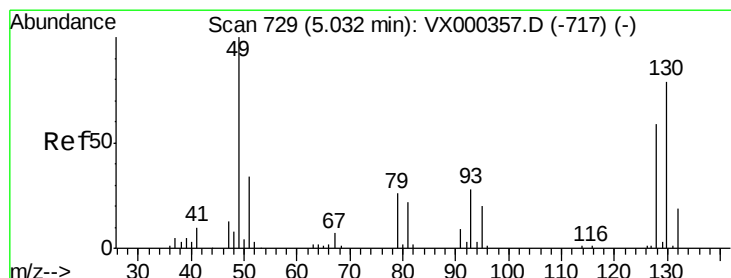
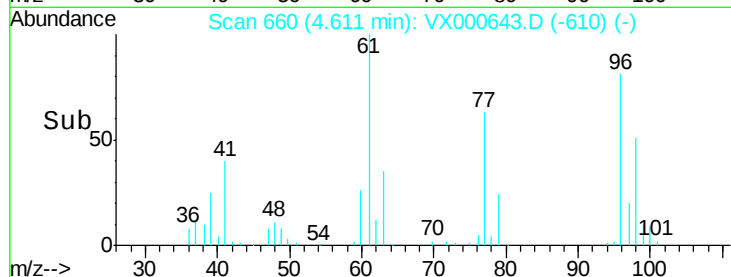
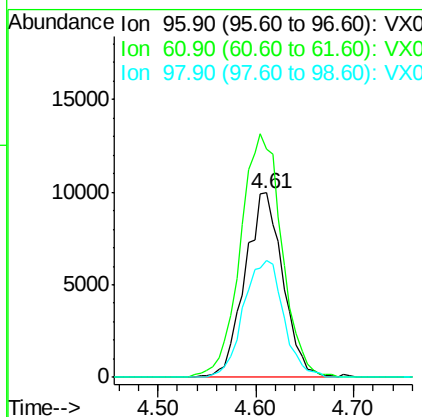
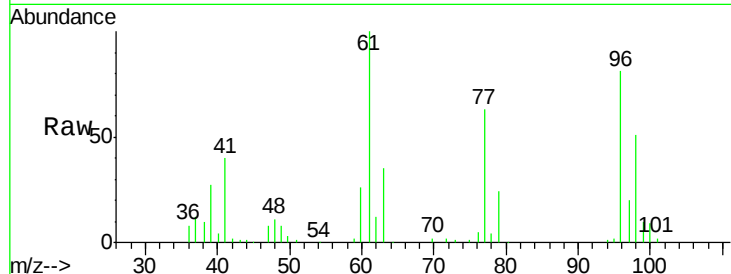
cis-1,2-Dichloroethene
 Concen: 17.14 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	291.6
98	66.8	0.0	132.0

Manual Integrations
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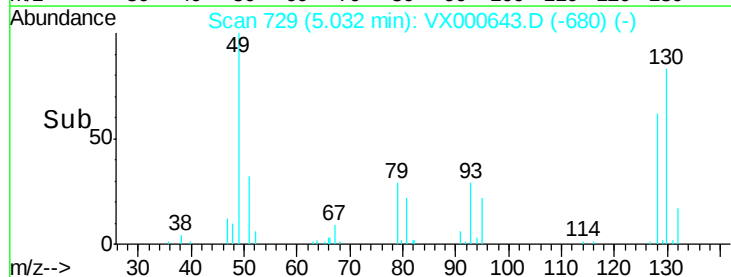
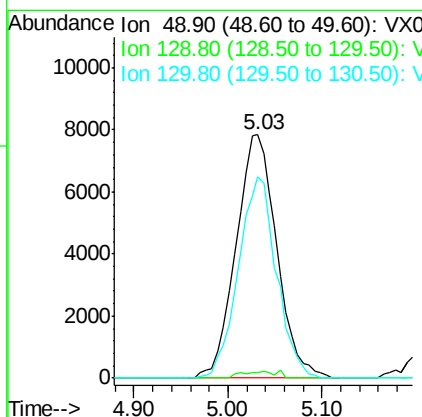
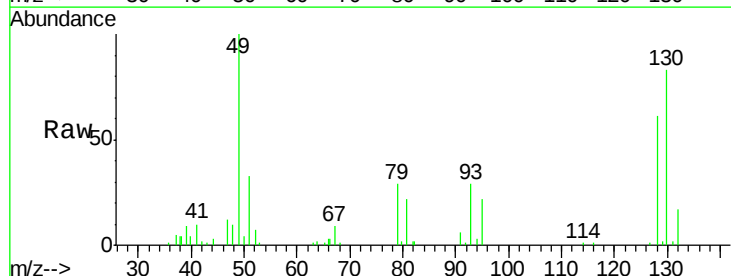
MMDadoda
 4/4/2018 5:09:38 PM



#28

Bromochloromethane
 Concen: 19.34 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	77.4	64.0	96.0





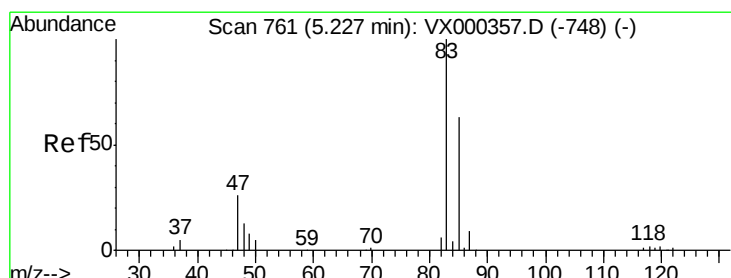
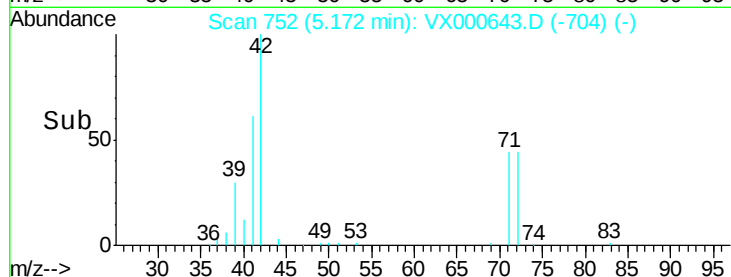
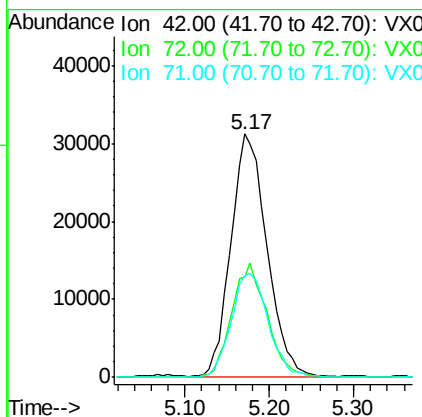
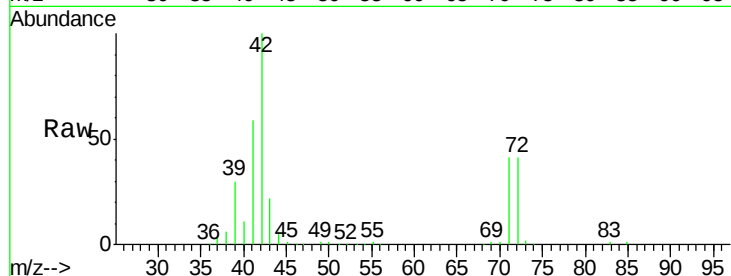
#29
Tetrahydrofuran
Concen: 87.16 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.9	56.9
71	43.8	34.4	51.6

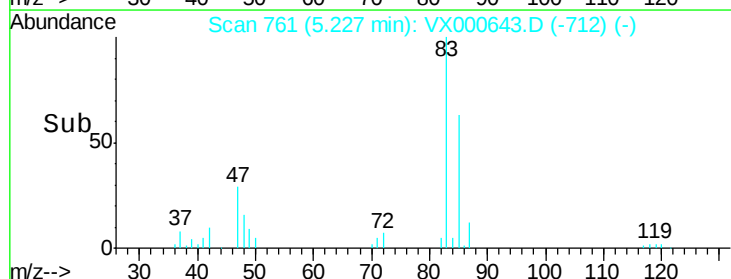
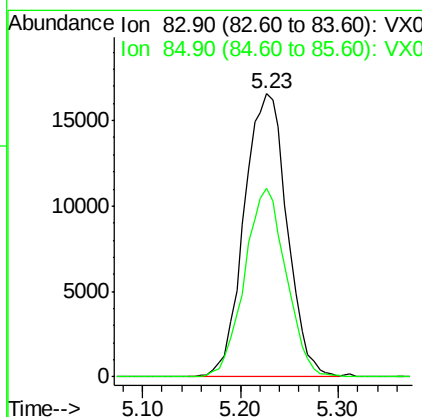
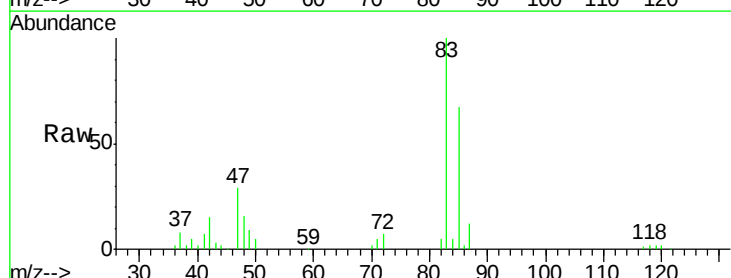
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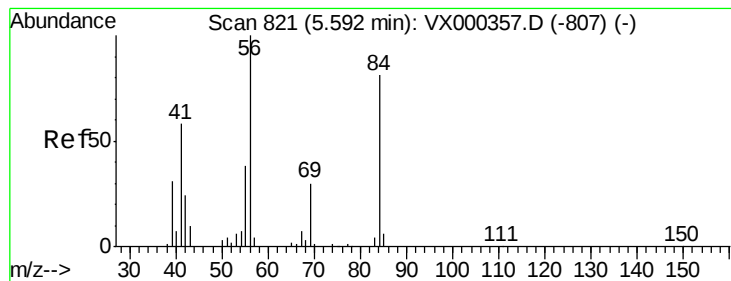
MMDadoda
4/4/2018 5:09:38 PM



#30
Chloroform
Concen: 18.12 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.3	79.9





#31

Cyclohexane

Concen: 16.53 ug/l

RT: 5.59 min Scan# 821

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

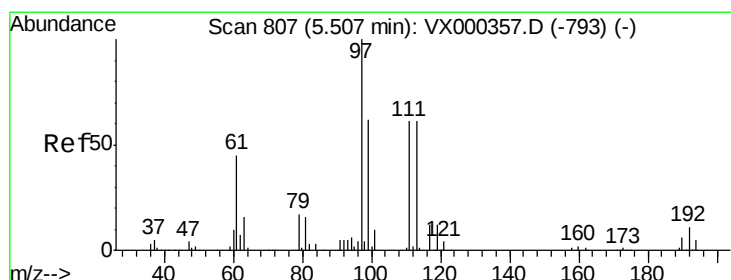
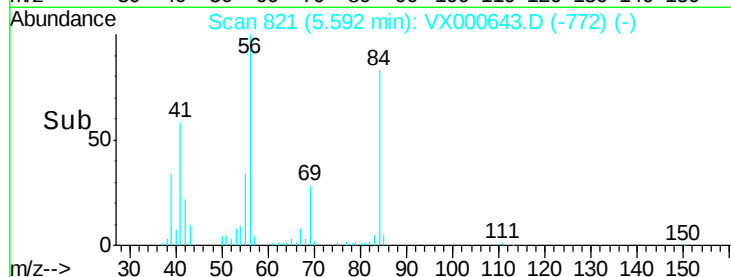
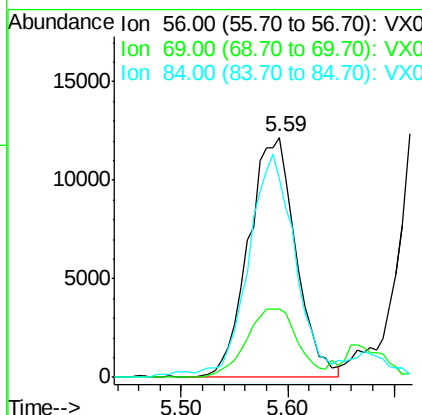
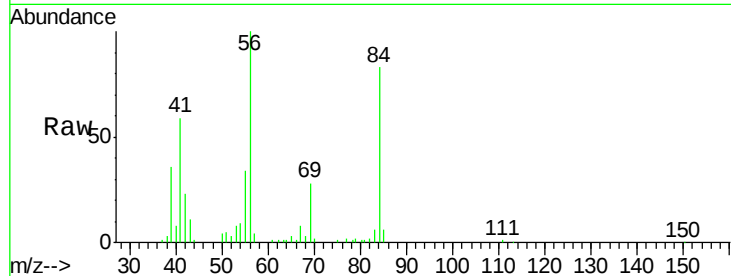
ClientSampleId :

VX0402WBSD01

Tot Ion:	56	Resp:	37900
Ion Ratio	Lower	Upper	
56	100		
69	27.2	23.4	35.0
84	80.5	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.44 ug/l

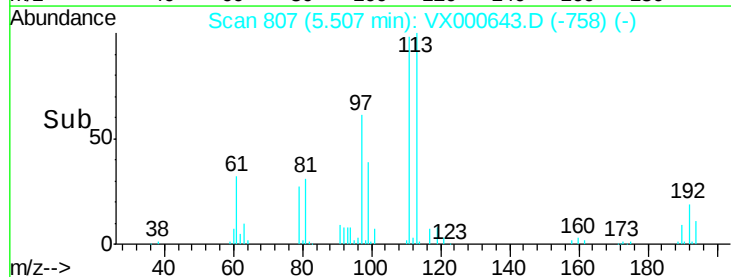
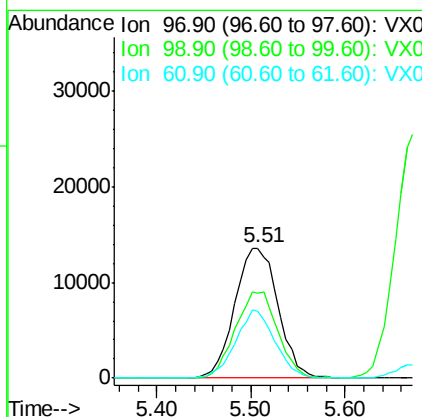
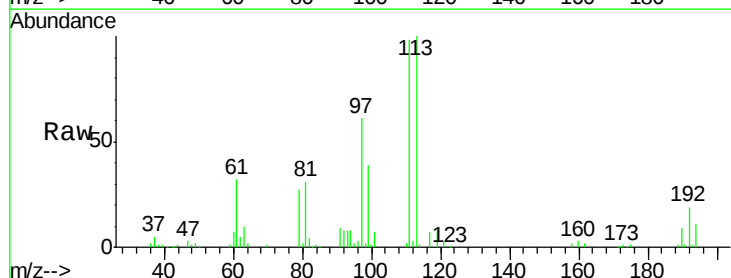
RT: 5.51 min Scan# 807

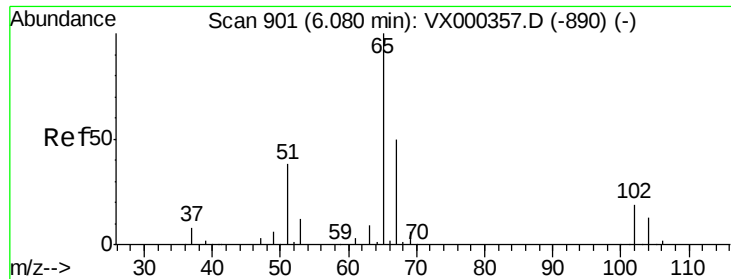
Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion:	97	Resp:	43754
Ion Ratio	Lower	Upper	
97	100		
99	65.0	52.1	78.1
61	47.5	36.2	54.4





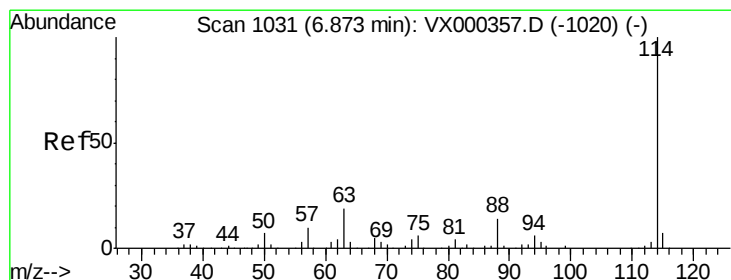
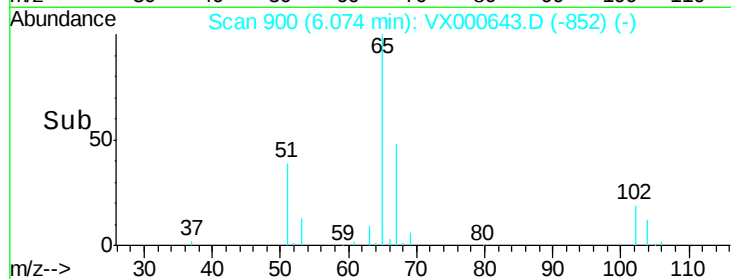
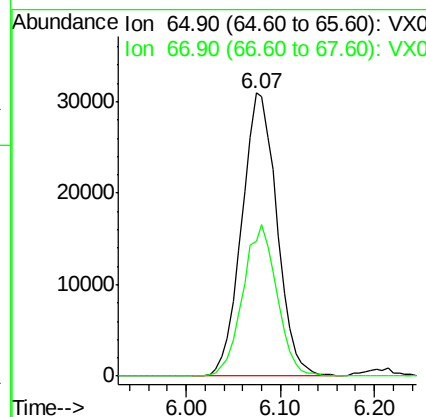
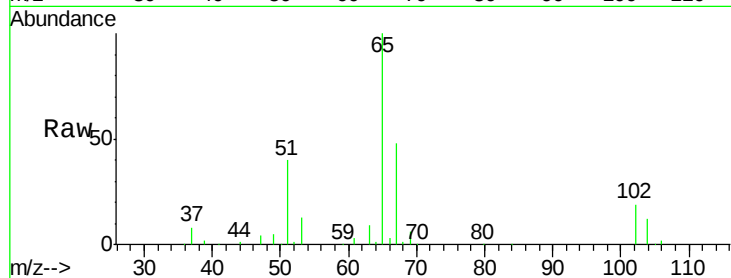
#33
 1,2-Dichloroethane-d4
 Concen: 44.54 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	80960		
67	51.8	0.0	103.2	

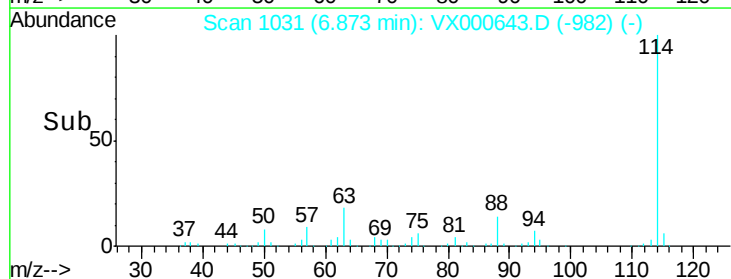
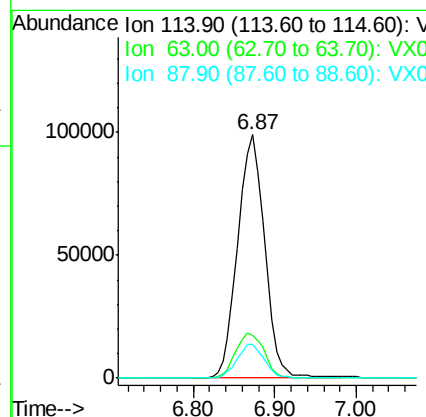
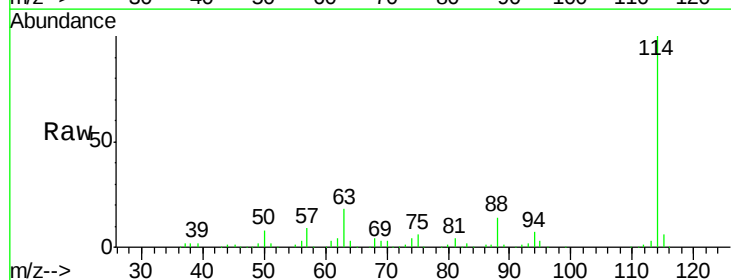
Manual Integrations
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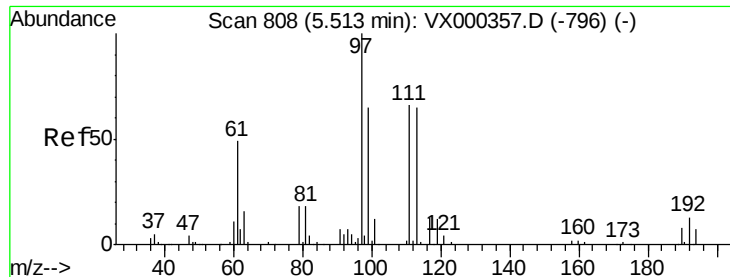
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	227502		
63	17.6	0.0	38.4	
88	13.8	0.0	27.0	





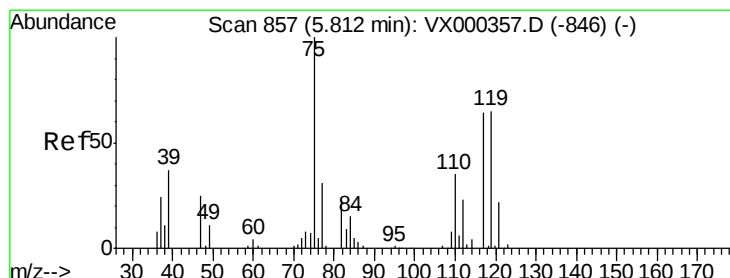
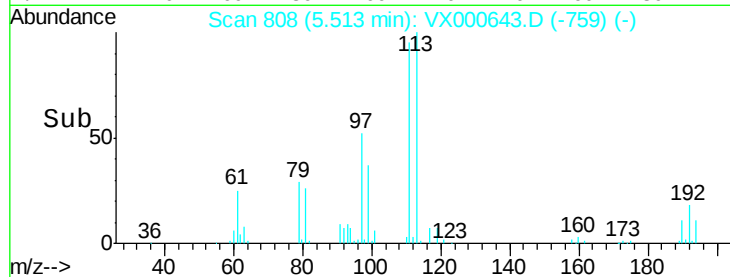
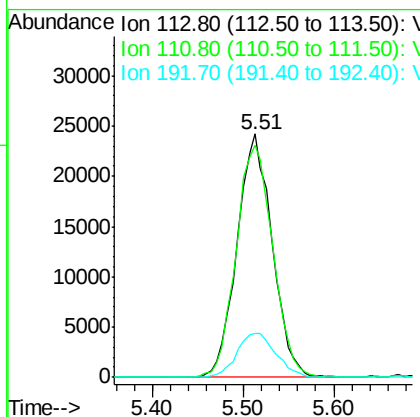
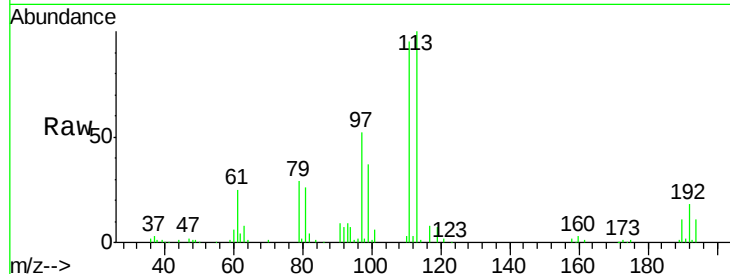
#35
 Dibromofluoromethane
 Concen: 45.39 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.4	123.6
192	20.1	15.8	23.6

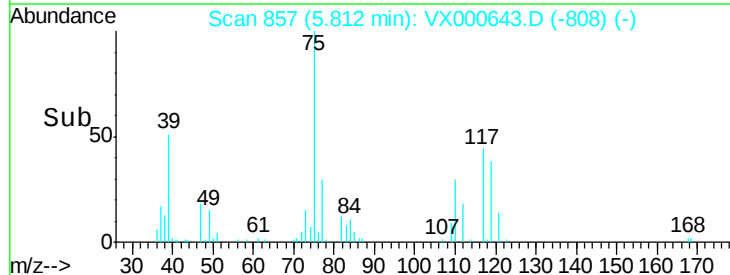
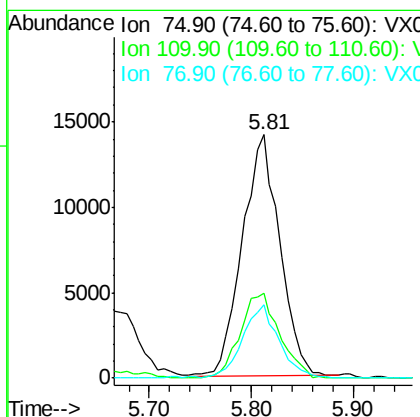
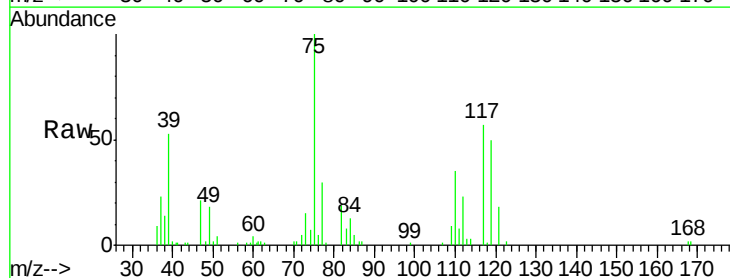
Manual Integrations
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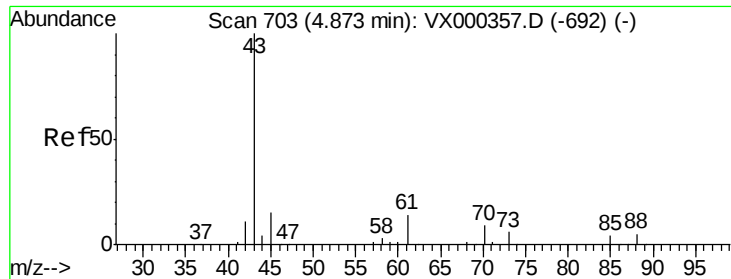
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#36
 1,1-Dichloropropene
 Concen: 17.08 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.9	53.7
77	29.2	24.0	36.0





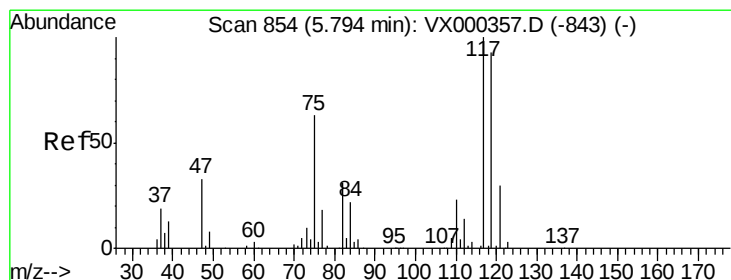
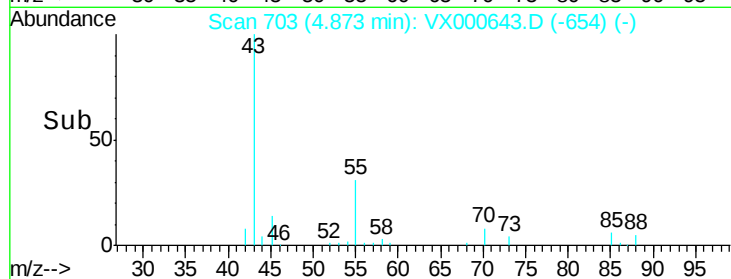
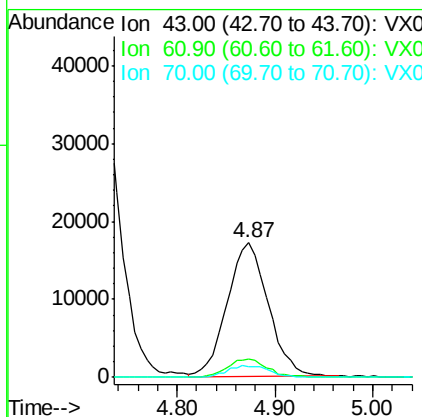
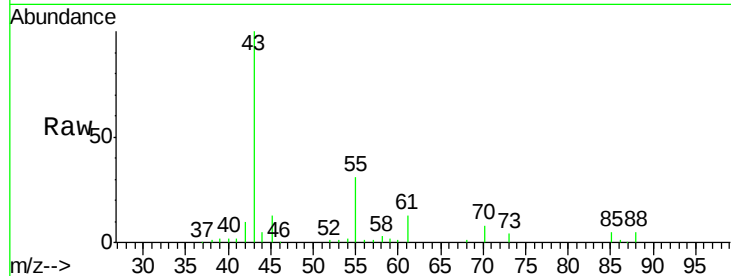
#37
Ethyl Acetate
Concen: 17.04 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampled :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	9.0	7.7	11.5

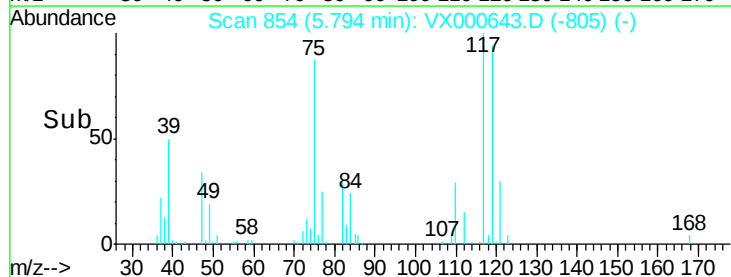
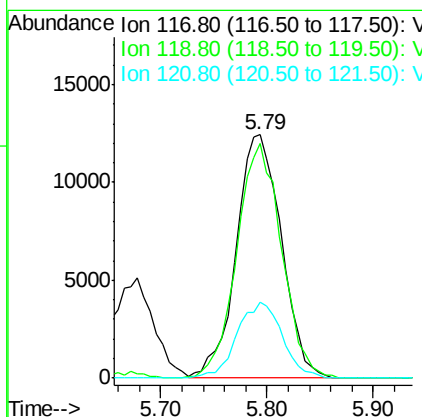
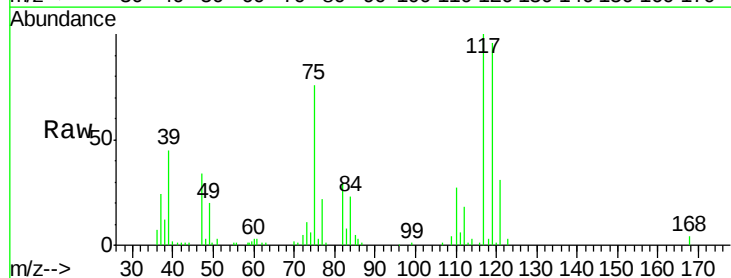
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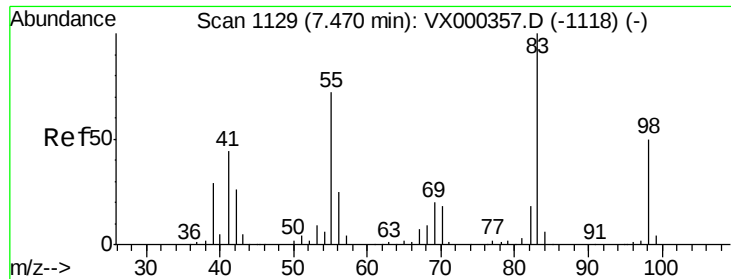
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#38
Carbon Tetrachloride
Concen: 16.55 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.2
121	31.2	24.8	37.2





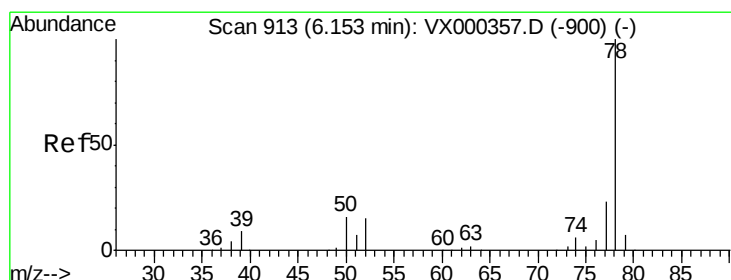
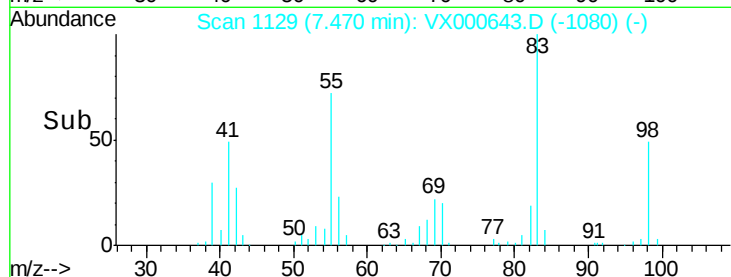
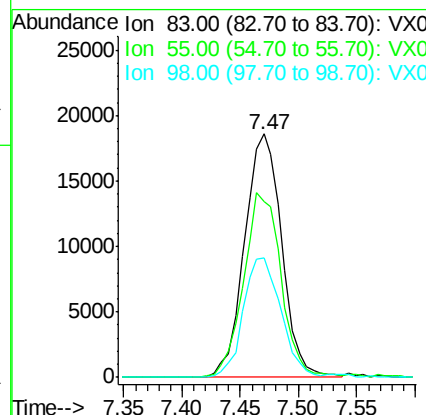
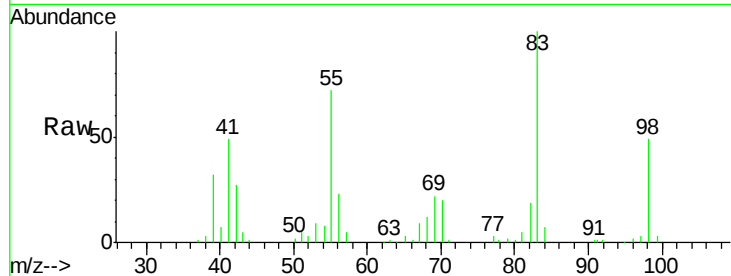
#39
Methvlcvclohexane
Concen: 15.96 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	55.5	83.3
98	49.0	38.2	57.4

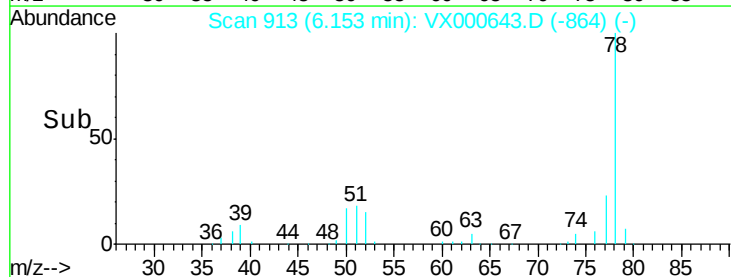
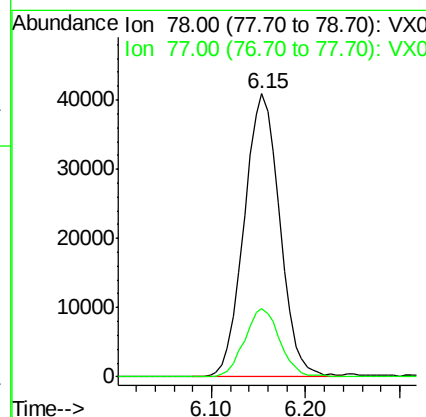
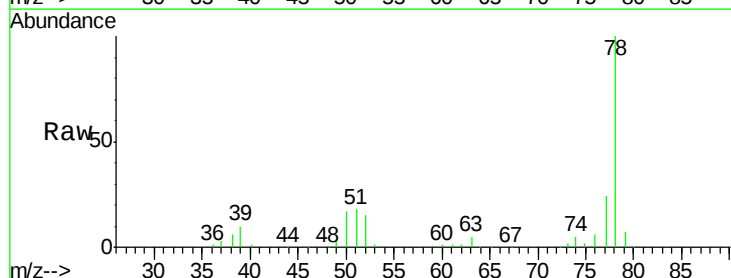
Manual Integrations
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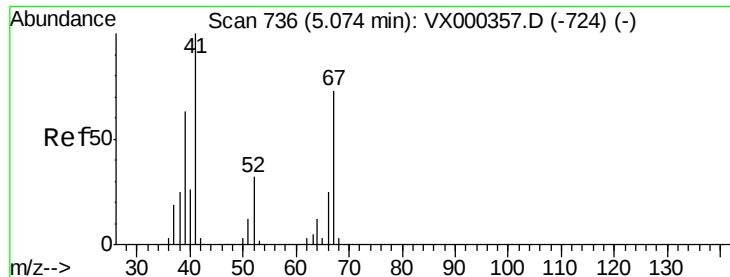
MMDadoda
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#40
Benzene
Concen: 17.56 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1





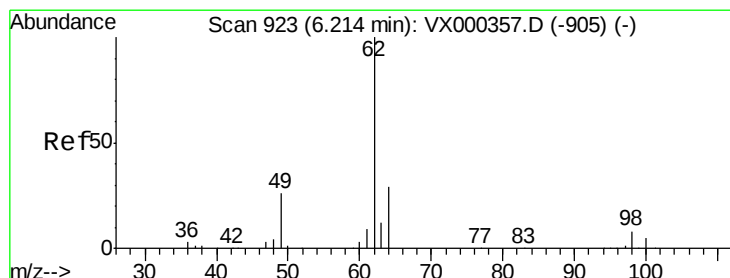
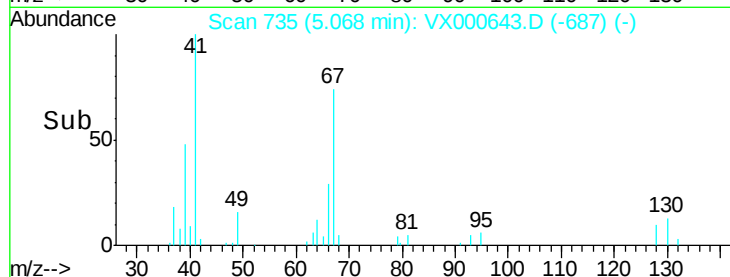
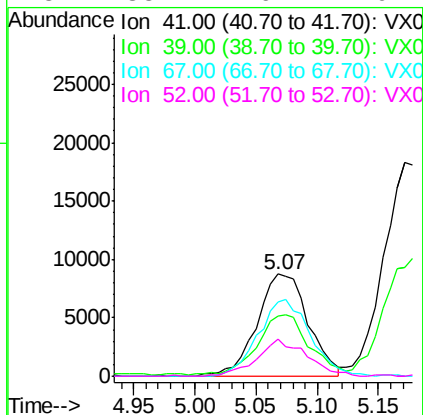
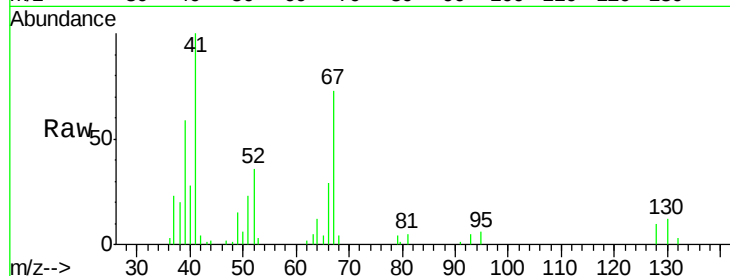
#41
Methacrylonitrile
Concen: 16.63 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.3	45.7	68.5	
67	76.0	57.8	86.8	
52	35.2	26.7	40.1	

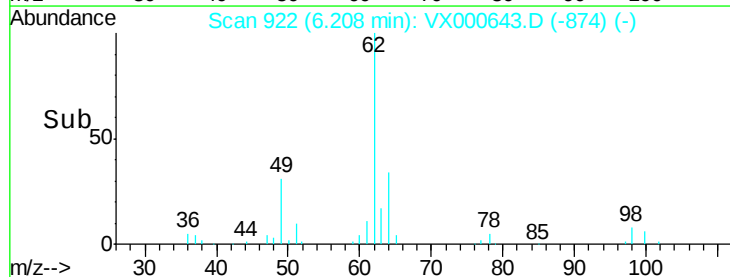
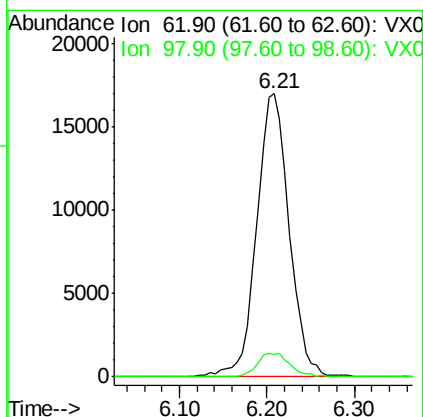
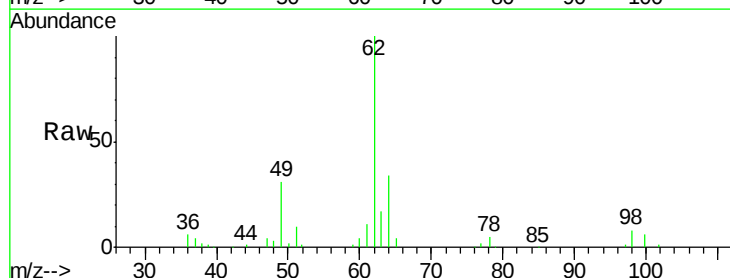
Manual Integrations
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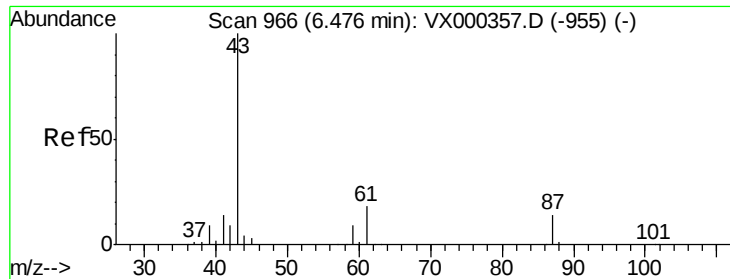
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.06 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	15.8	





#43

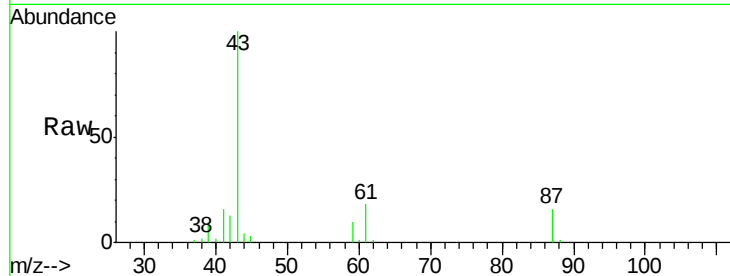
Isopropyl Acetate
 Concen: 17.22 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

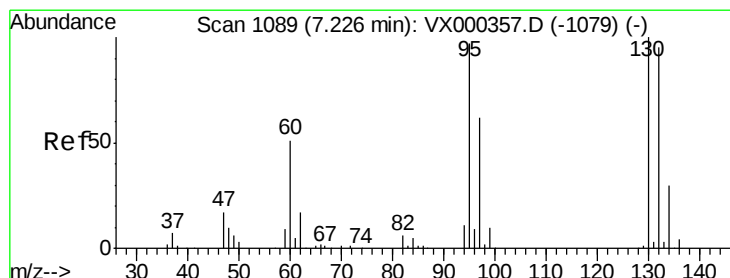
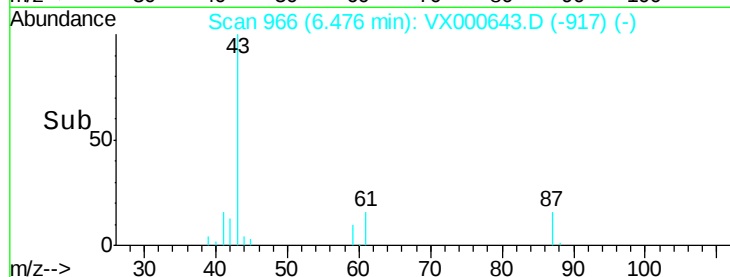
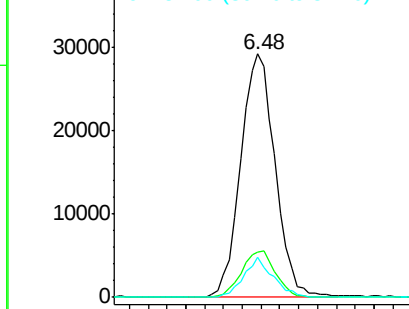
Tot Ion:	43	Resp:	74618
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.4	21.6
87	14.1	11.0	16.4

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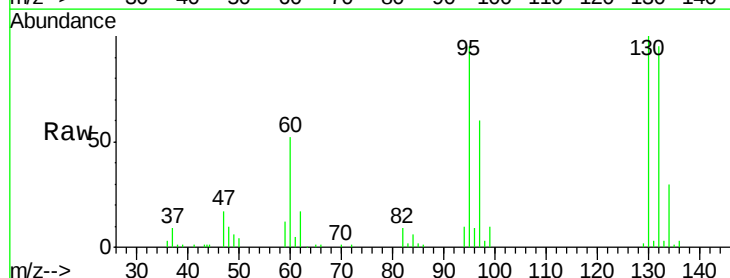
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



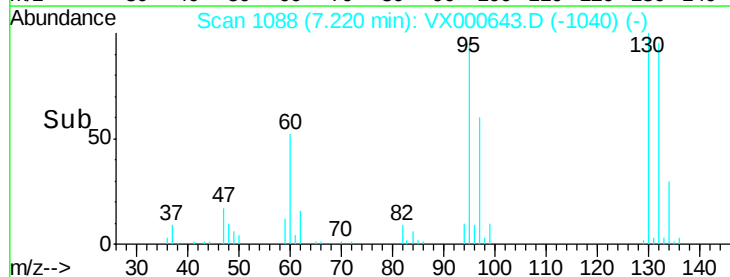
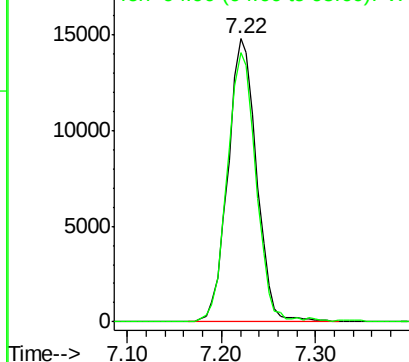
#44

Trichloroethene
 Concen: 17.63 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion:	130	Resp:	31255
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	186.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





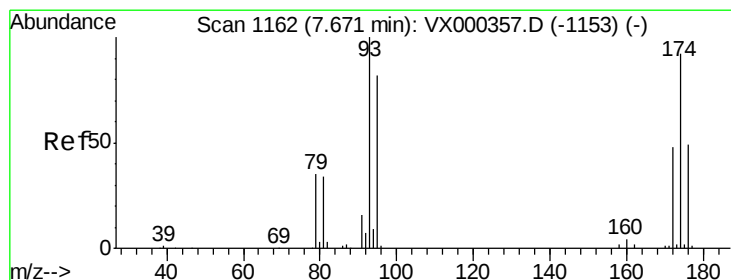
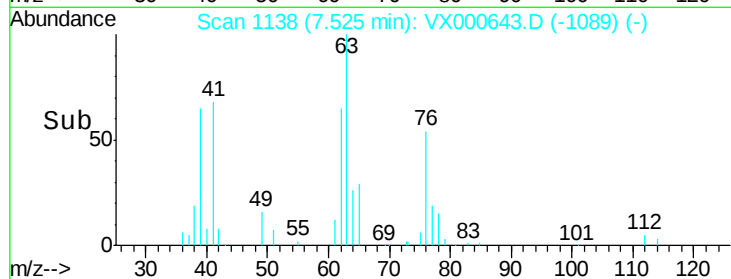
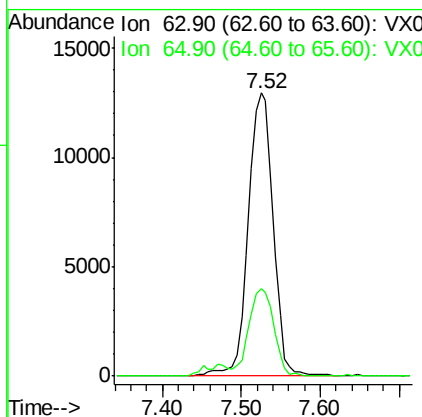
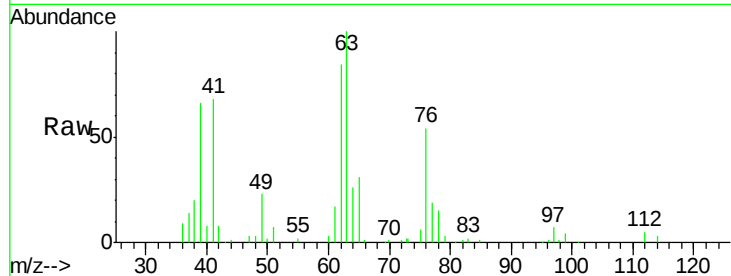
#45
 1,2-Dichloropropane
 Concen: 17.98 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion: 63 Resp: 28486
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8

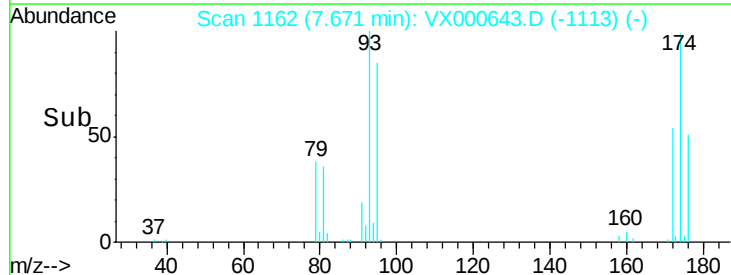
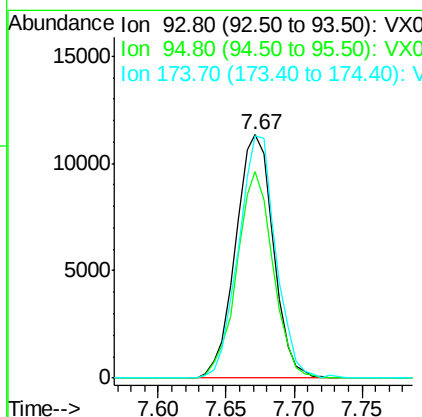
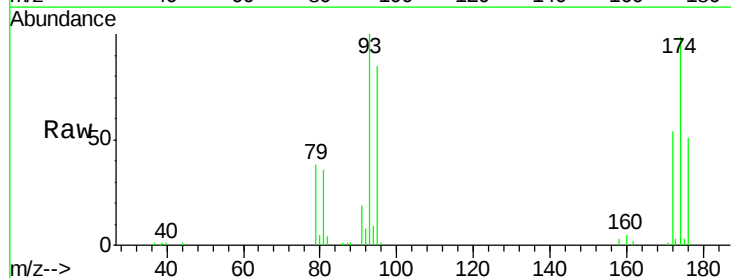
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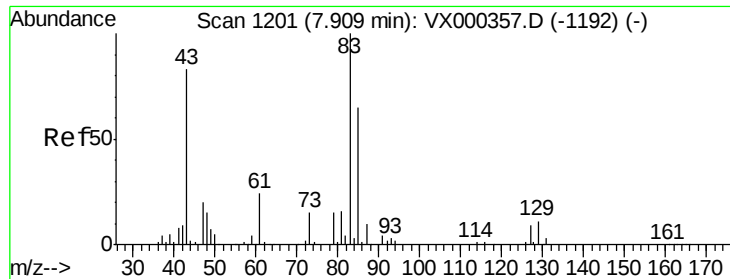
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#46
 Dibromomethane
 Concen: 17.61 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion: 93 Resp: 21891
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.5 99.7
 174 98.2 76.0 114.0





#47

Bromodichloromethane

Concen: 18.68 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

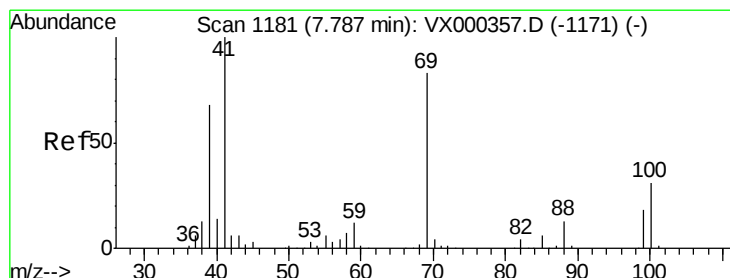
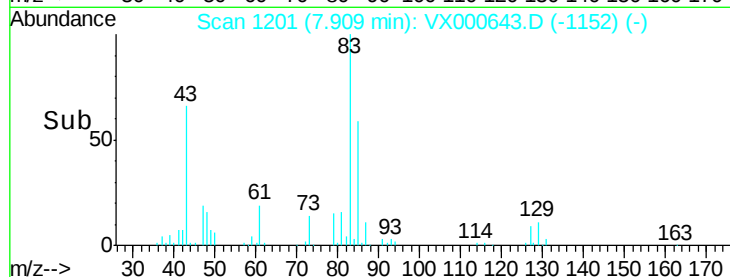
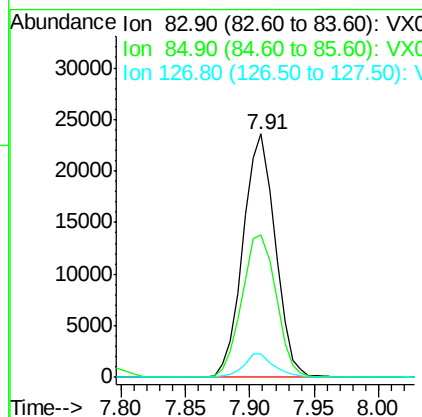
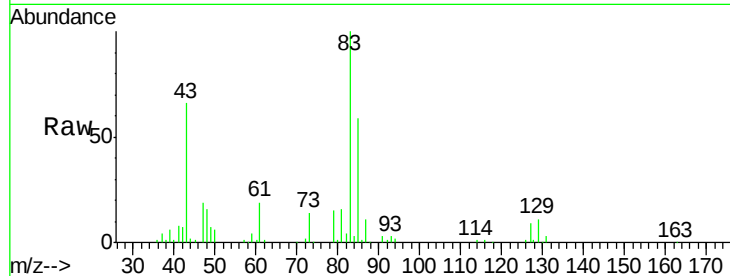
ClientSampleId :

VX0402WBSD01

Tot Ion:	83	Resp:	40866
Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.4	77.0
127	9.5	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.85 ug/l

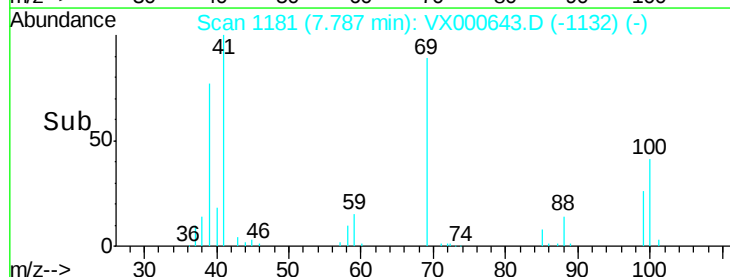
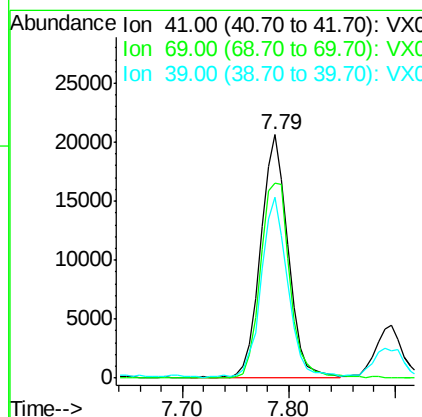
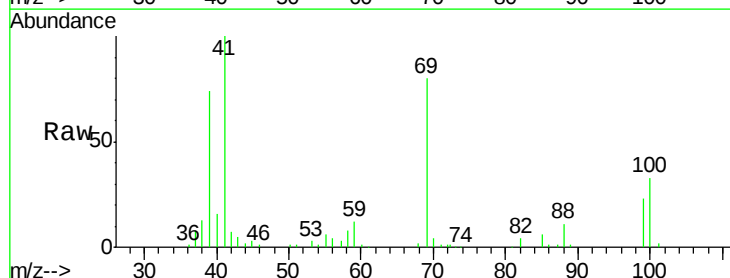
RT: 7.79 min Scan# 1181

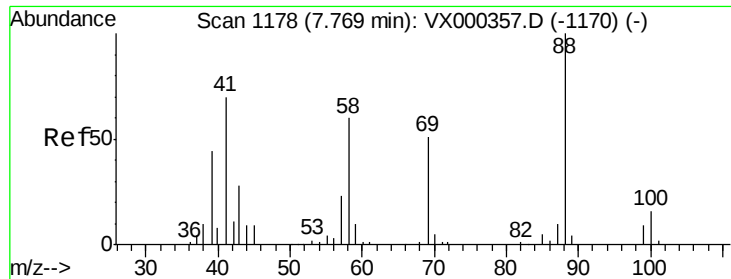
Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion:	41	Resp:	37560
Ion	Ratio	Lower	Upper
41	100		
69	85.9	68.2	102.4
39	71.2	54.6	81.8





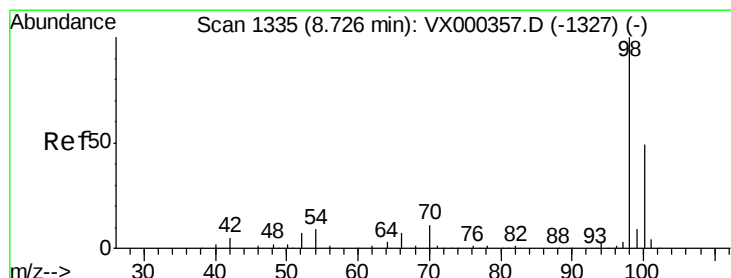
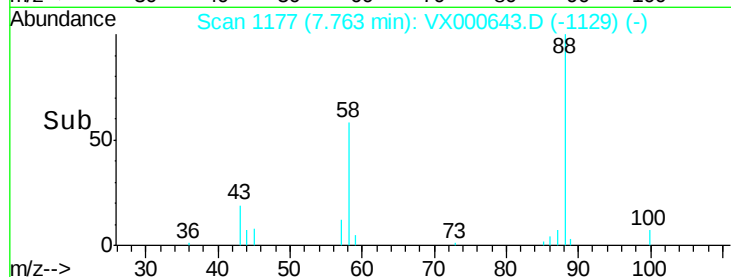
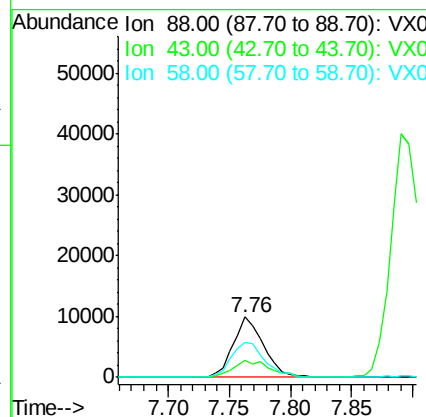
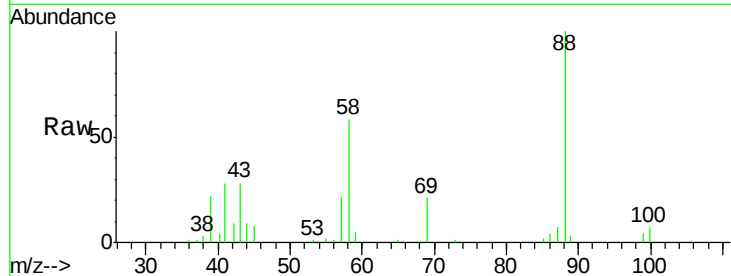
#49
1,4-Dioxane
Concen: 385.48 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.8	40.2
58	63.8	52.2	78.2

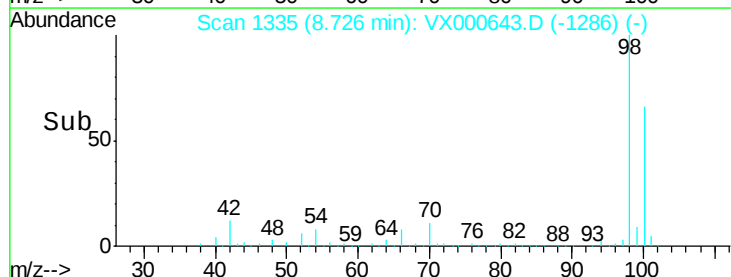
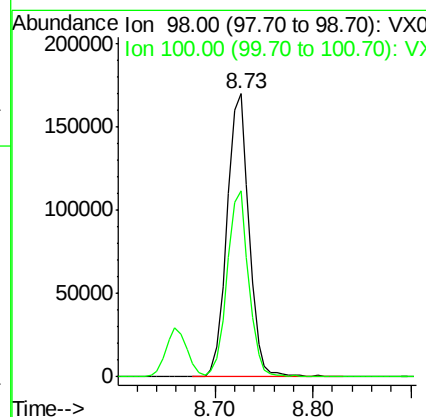
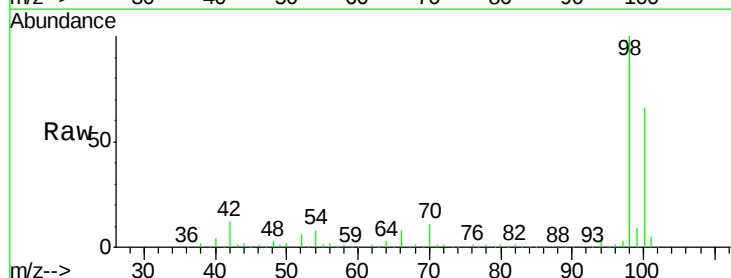
Manual Integrations
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#50
Toluene-d8
Concen: 44.89 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 90.65 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

VX0402WBSD01

Tot Ion: 43 Resp: 304019

Ion Ratio Lower Upper

43 100

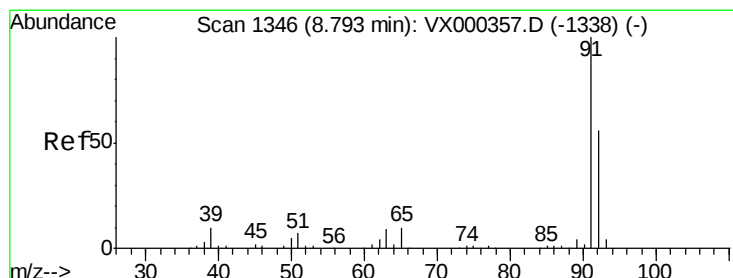
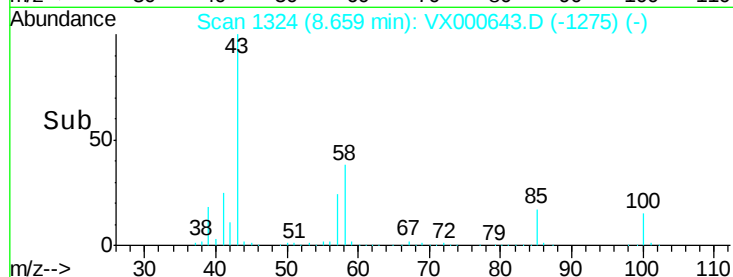
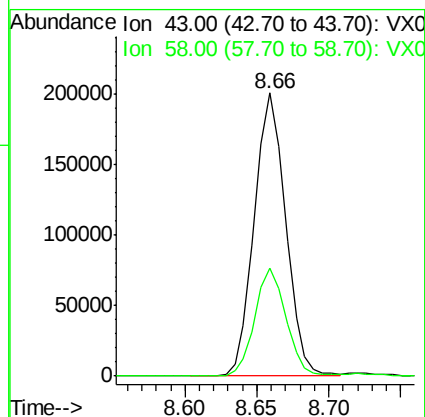
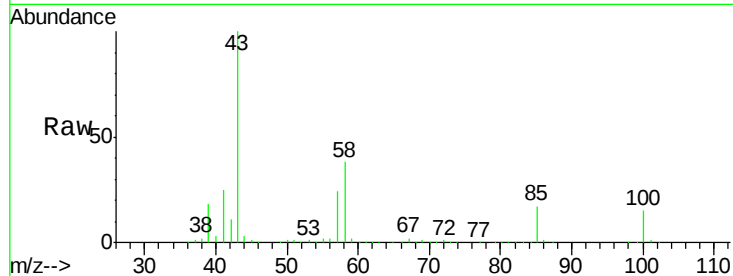
58 37.8 30.3 45.5

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#52

Toluene

Concen: 17.88 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000643.D

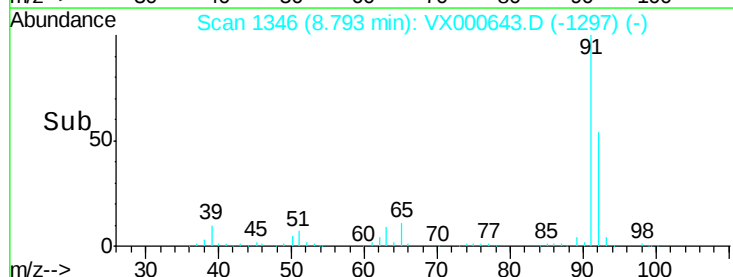
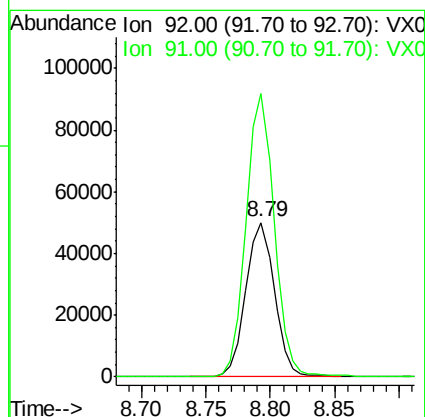
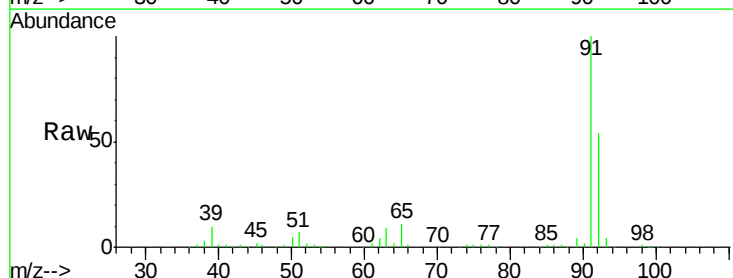
Acq: 02 Apr 2018 16:15

Tgt Ion: 92 Resp: 77340

Ion Ratio Lower Upper

92 100

91 179.5 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 18.24 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 75 Resp: 46234

Ion Ratio Lower Upper

75 100

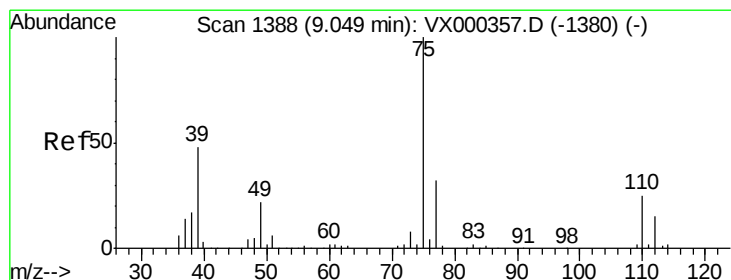
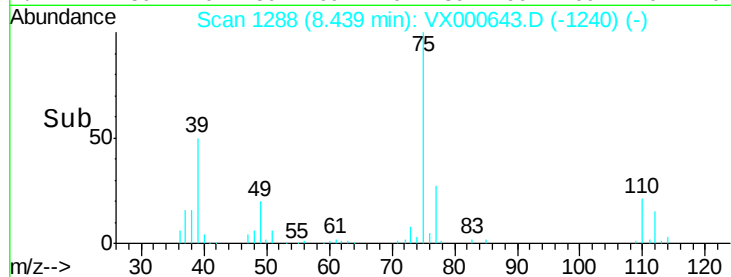
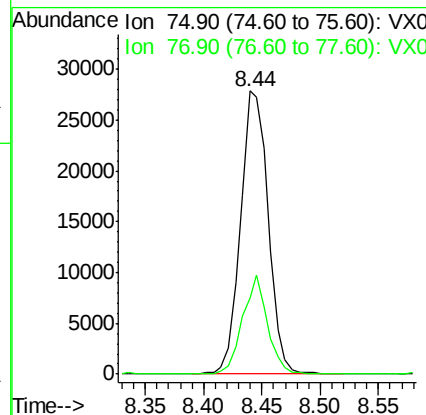
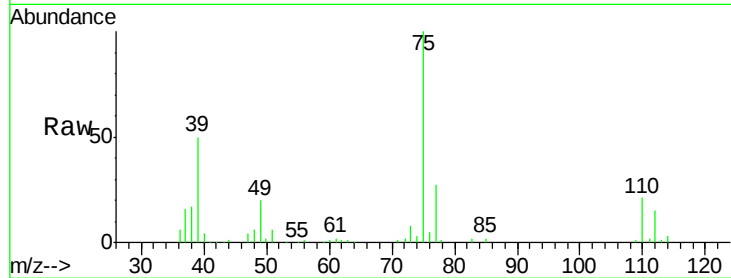
77 26.8 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.46 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

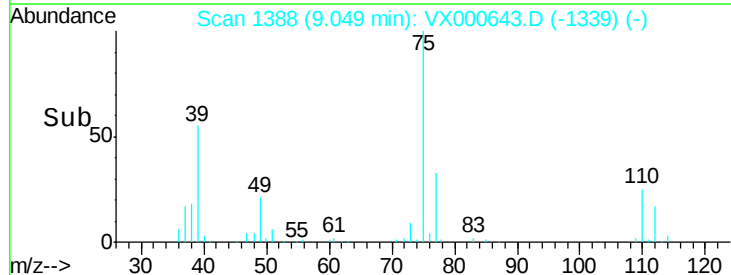
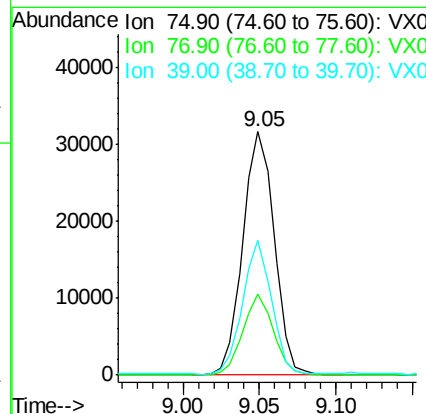
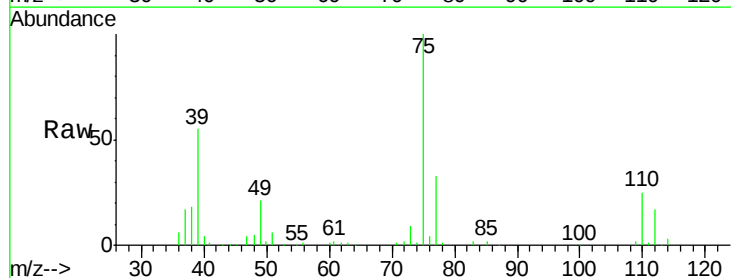
Tgt Ion: 75 Resp: 45386

Ion Ratio Lower Upper

75 100

77 33.3 26.1 39.1

39 54.7 39.8 59.6





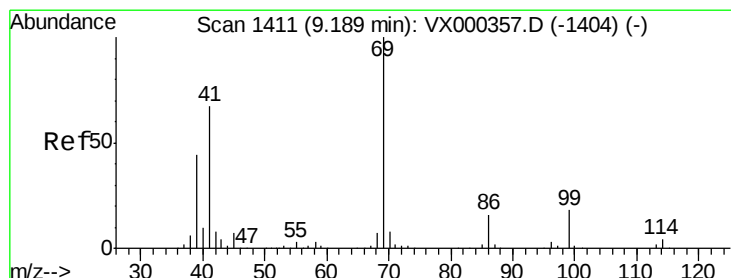
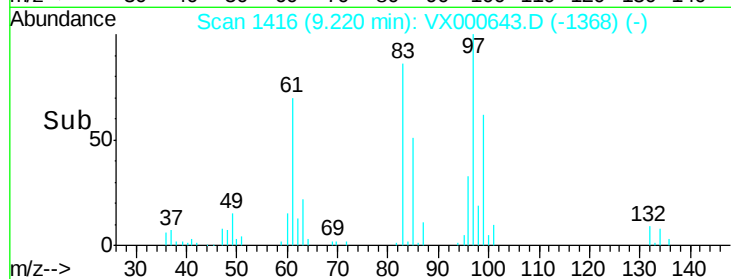
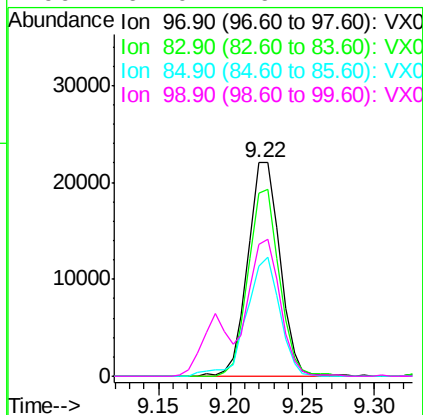
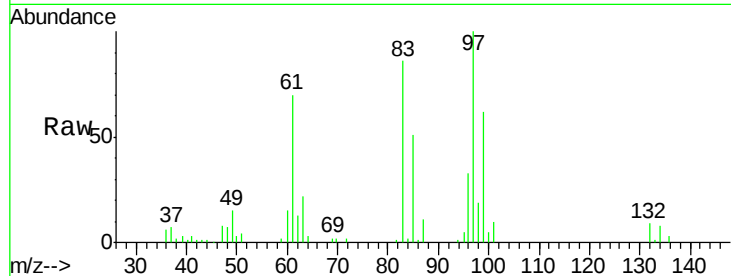
#55
 1,1,2-Trichloroethane
 Concen: 19.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	97	Resp	33922
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.9	101.9
85	51.3	42.8	64.2
99	61.0	49.4	74.2

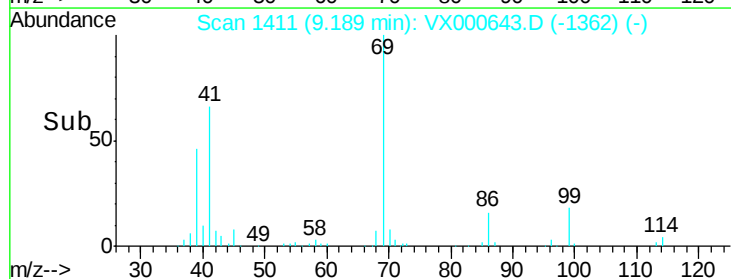
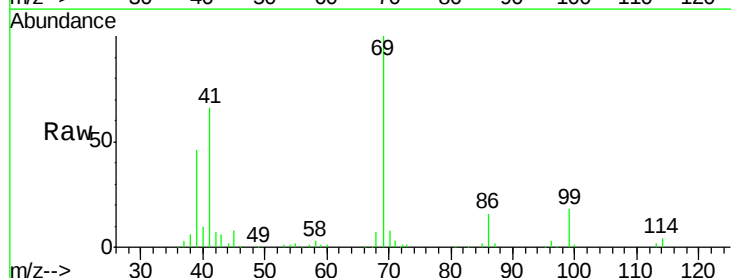
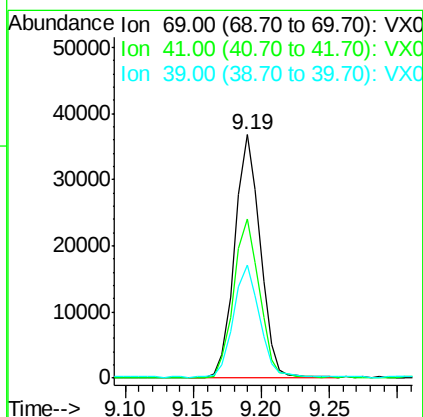
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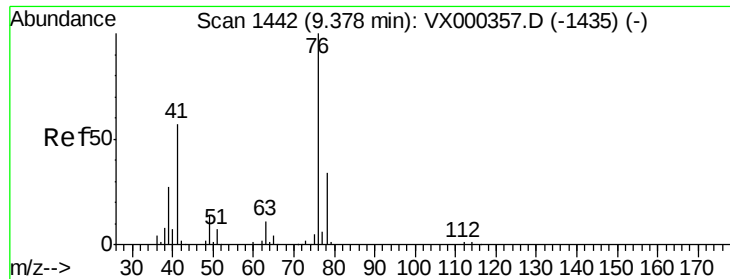
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#56
 Ethyl methacrylate
 Concen: 17.95 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	69	Resp	48381
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.0	79.6
39	47.1	35.3	52.9





#57

1,3-Dichloropropane

Concen: 19.16 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 76 Resp: 54534

Ion Ratio Lower Upper

76 100

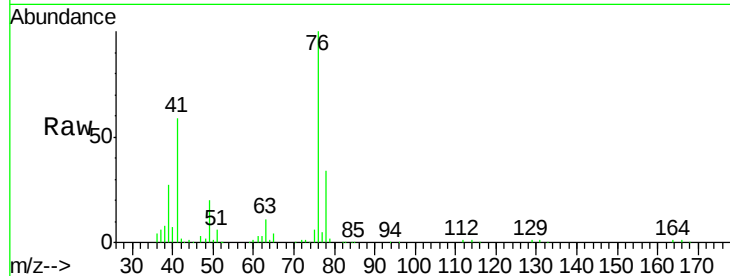
78 32.6 26.4 39.6

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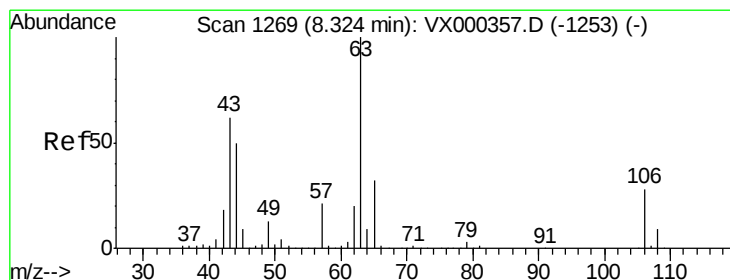
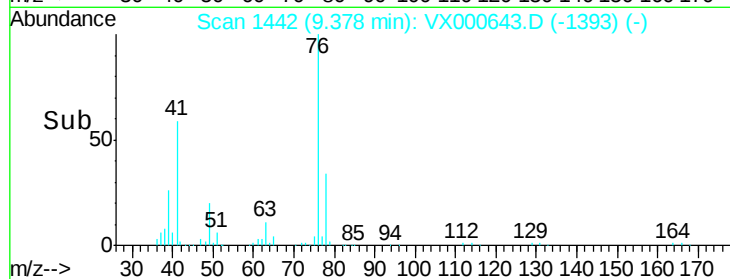
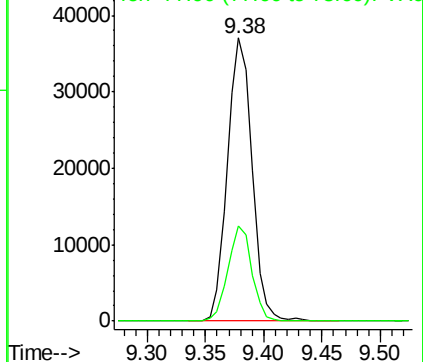
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 71.06 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000643.D

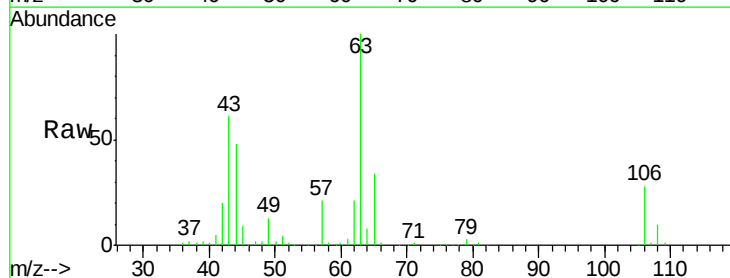
Acq: 02 Apr 2018 16:15

Tgt Ion: 63 Resp: 91947

Ion Ratio Lower Upper

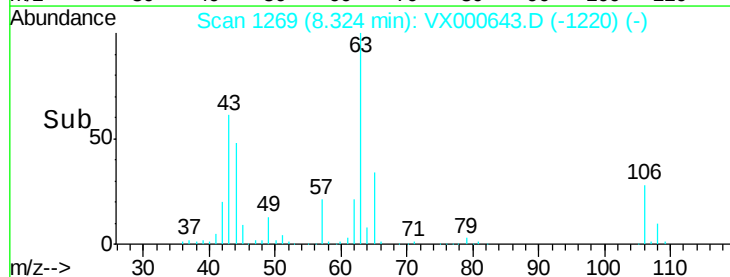
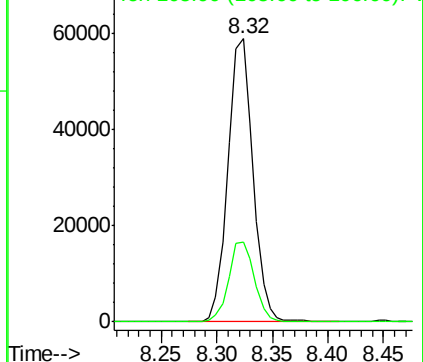
63 100

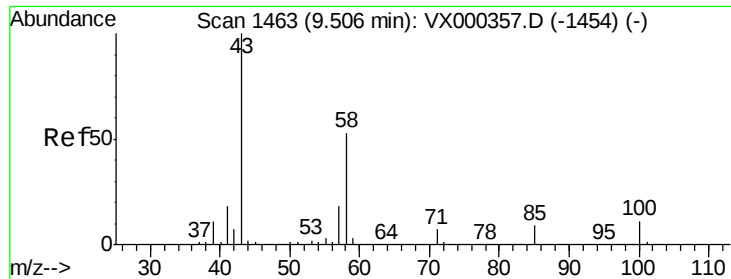
106 28.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





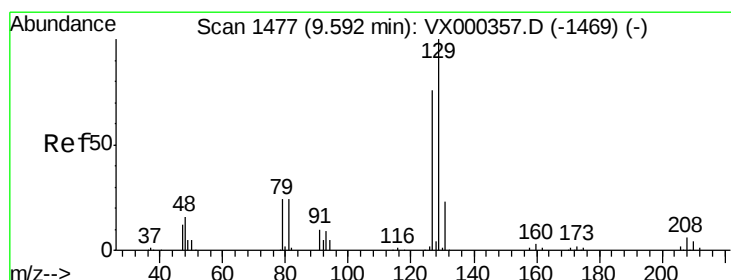
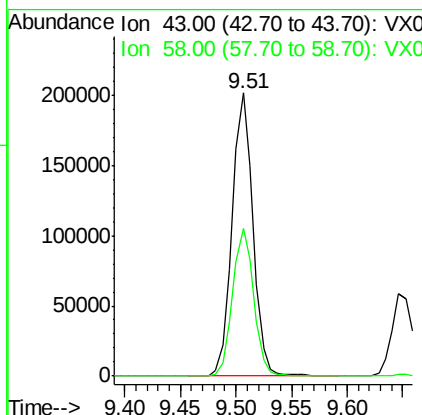
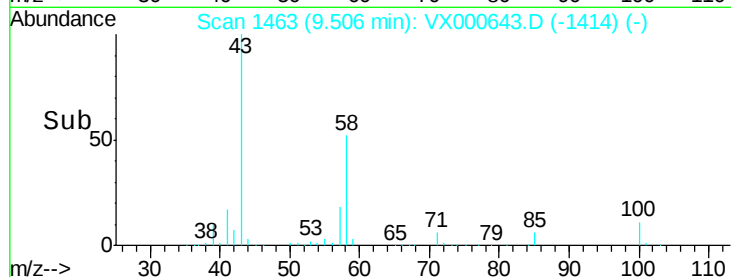
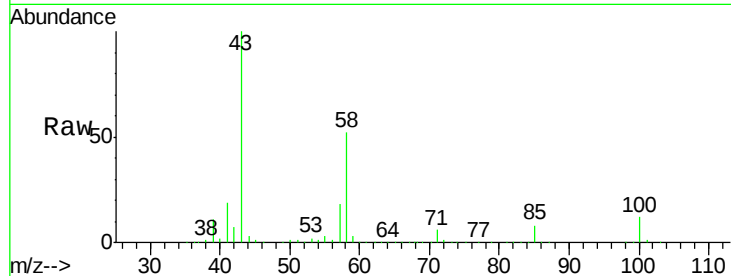
#59
 2-Hexanone
 Concen: 91.77 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.6	79.7

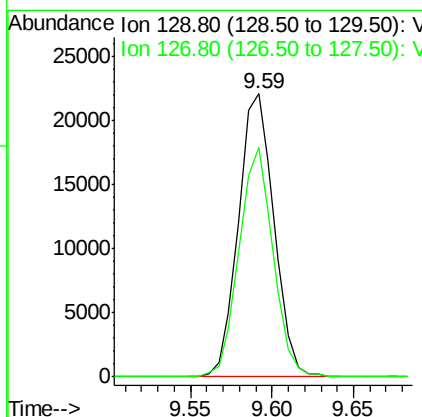
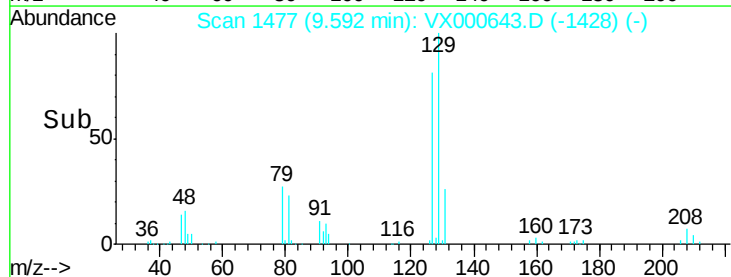
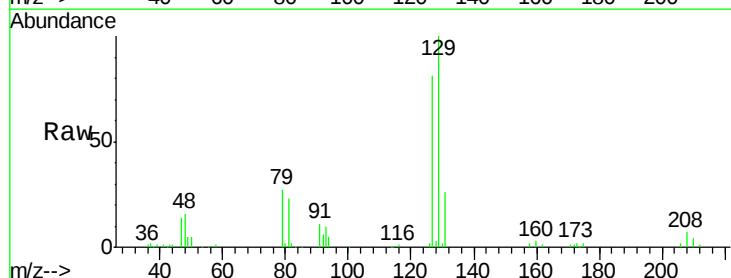
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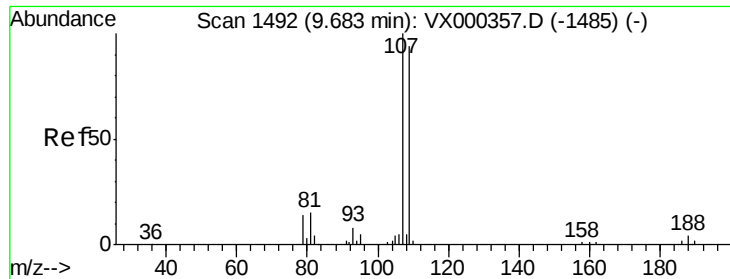
MMDadoda
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#60
 Dibromochloromethane
 Concen: 18.77 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	37.9	113.6





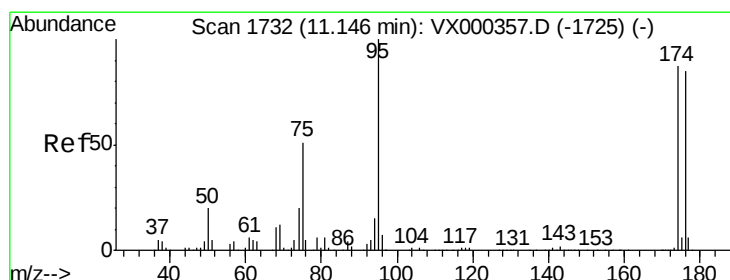
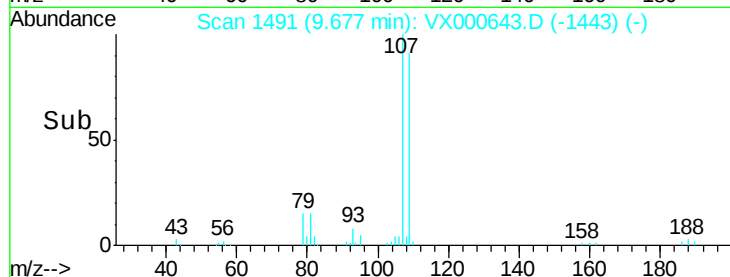
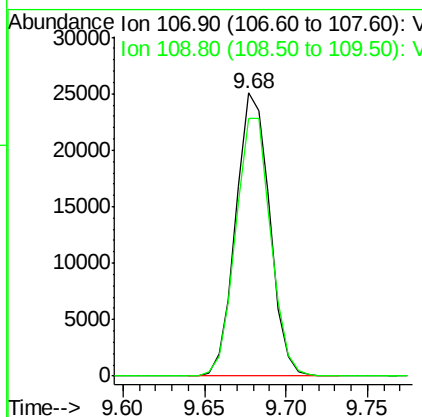
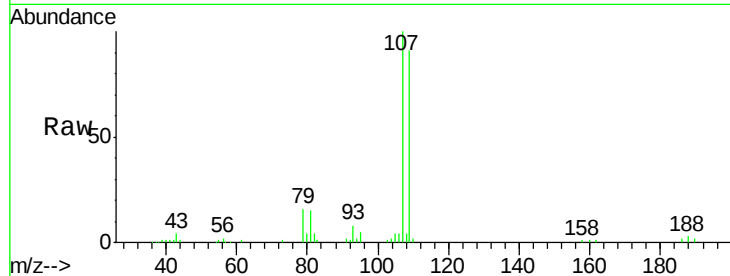
#61
 1,2-Dibromoethane
 Concen: 18.99 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		36234		
109	94.9	76.1	114.1		

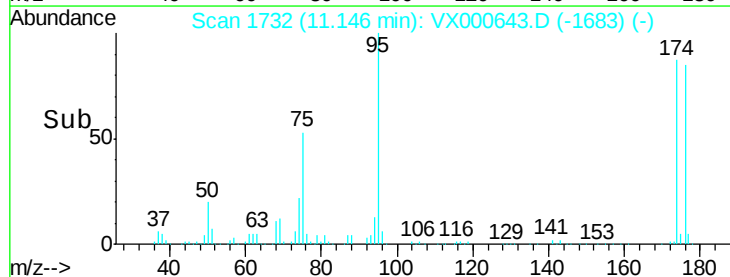
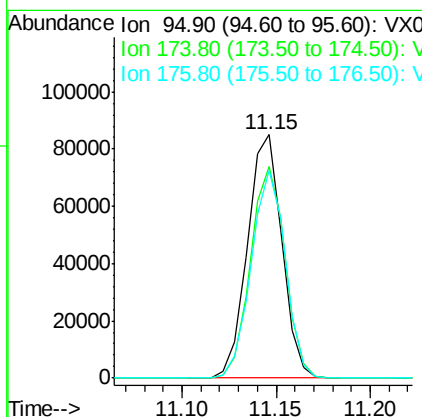
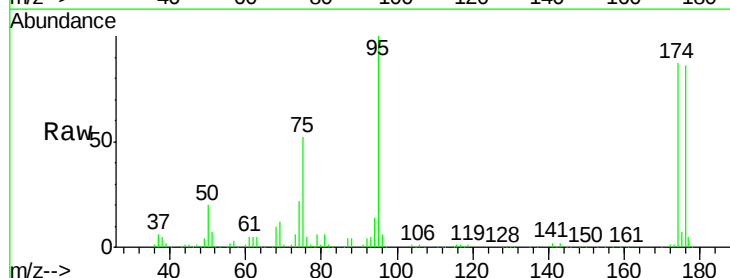
Manual Integrations
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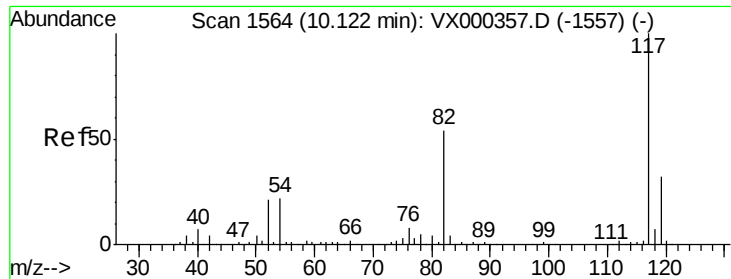
MMDadoda
 4/4/2018 5:09:38 PM



#62
 4-Bromofluorobenzene
 Concen: 43.74 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		107533		
174	87.3	0.0	173.6		
176	84.7	0.0	164.6		





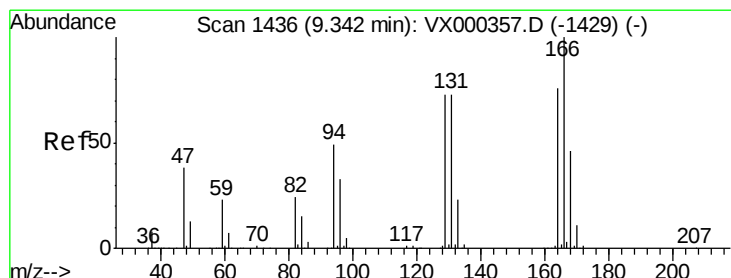
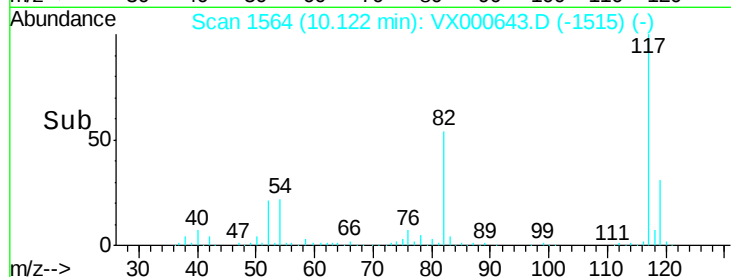
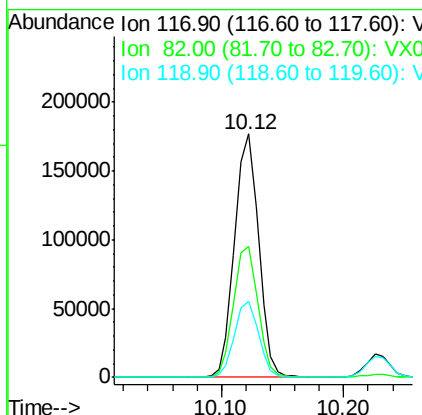
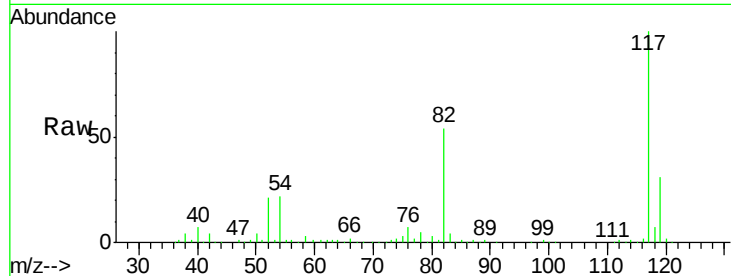
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.8
119	31.3	24.9	37.3

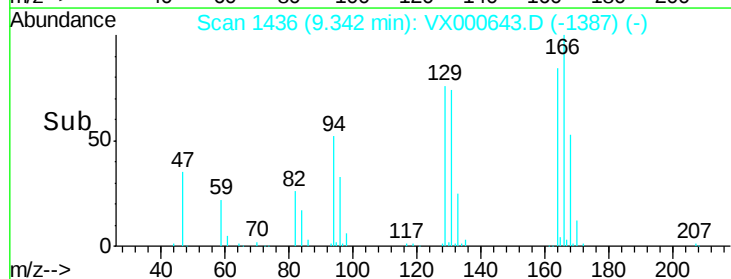
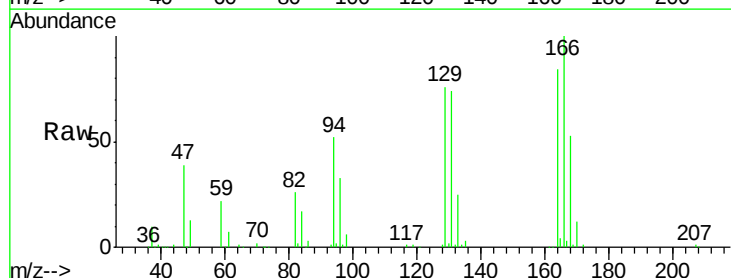
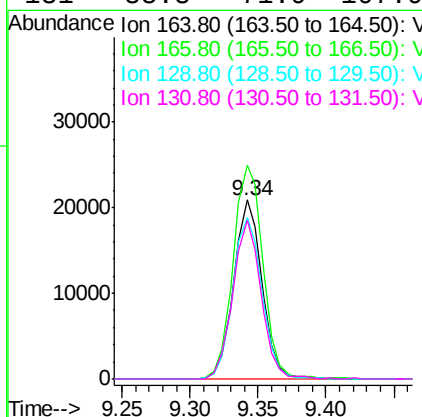
Manual Integrations
APPROVED

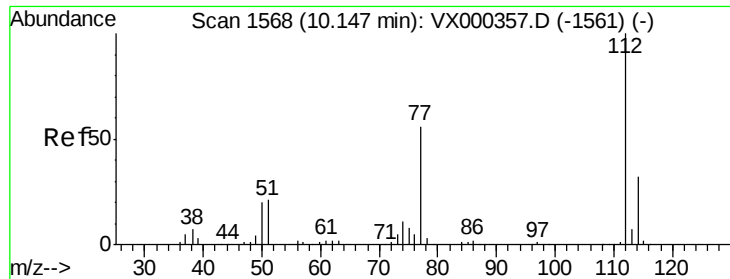
MMDadoda
4/4/2018 5:09:38 PM



#64
Tetrachloroethene
Concen: 16.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.4	101.0	151.6
129	90.4	79.0	118.4
131	88.8	71.9	107.9





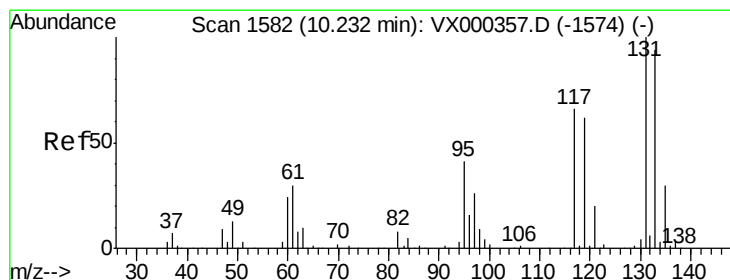
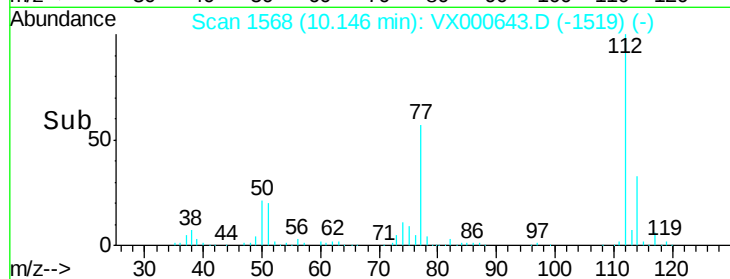
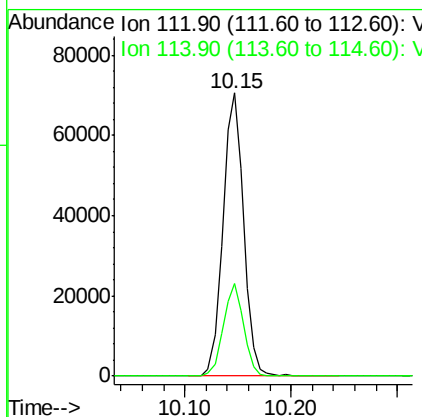
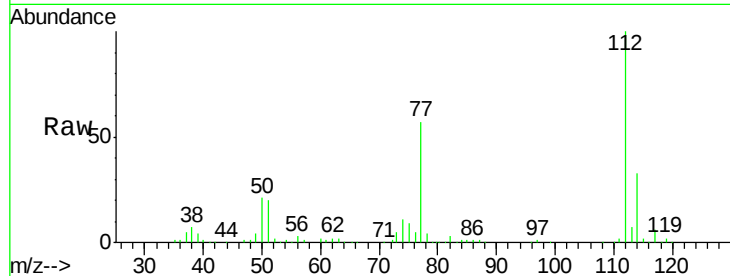
#65
Chlorobenzene
Concen: 17.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion:112 Resp: 95654
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

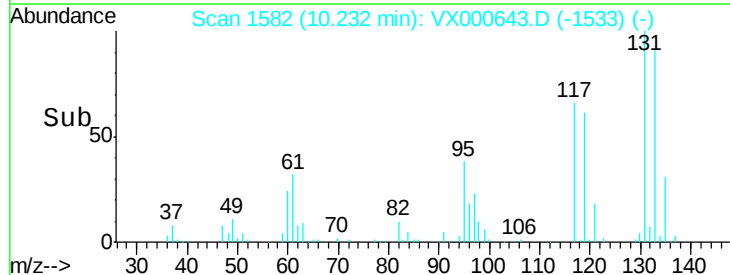
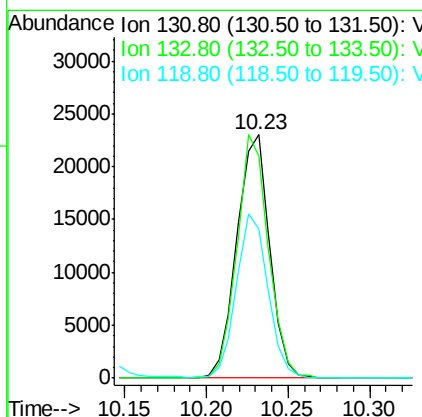
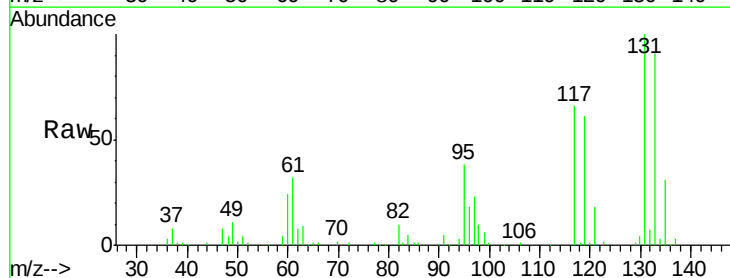
Manual Integrations
APPROVED

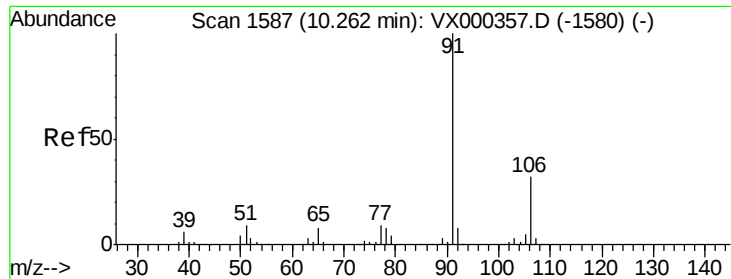
MMDadoda
4/4/2018 5:09:38 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.71 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion:131 Resp: 32292
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 65.1 33.1 99.2





#67

Ethyl Benzene

Concen: 17.49 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 91 Resp: 159135

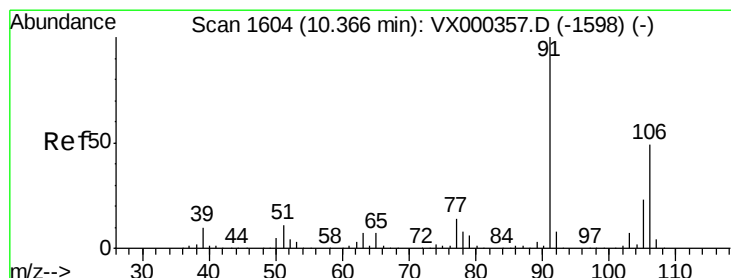
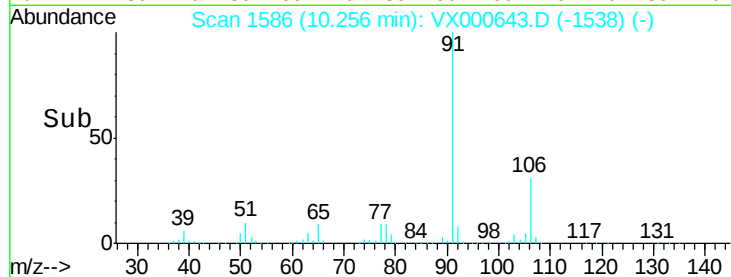
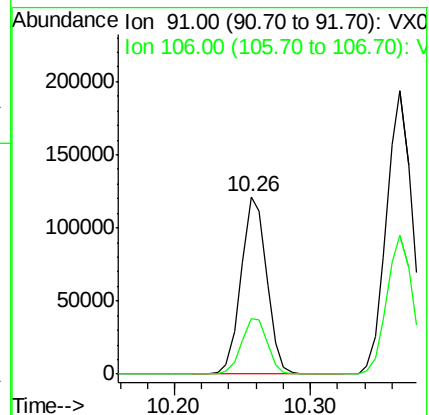
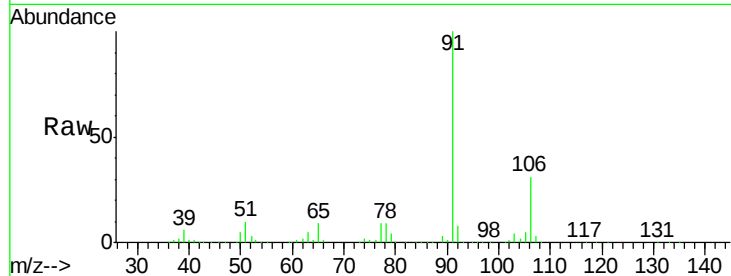
Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 34.84 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000643.D

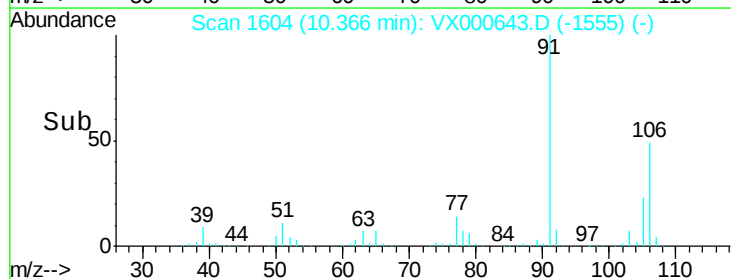
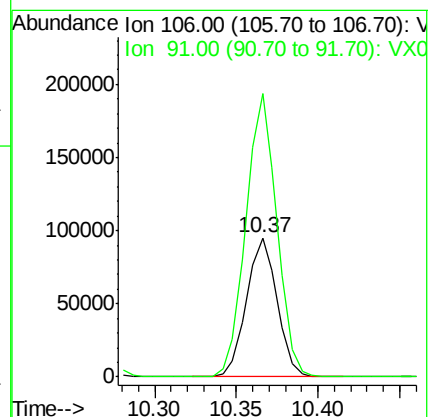
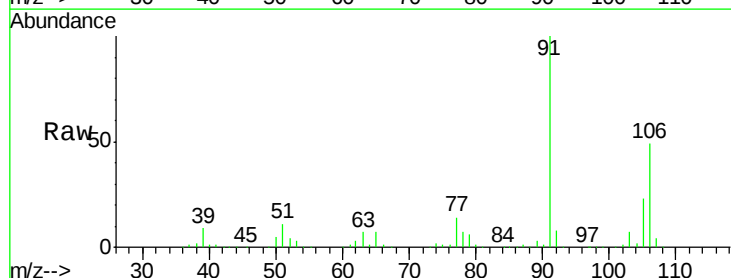
Acq: 02 Apr 2018 16:15

Tgt Ion: 106 Resp: 124771

Ion Ratio Lower Upper

106 100

91 204.3 163.4 245.2





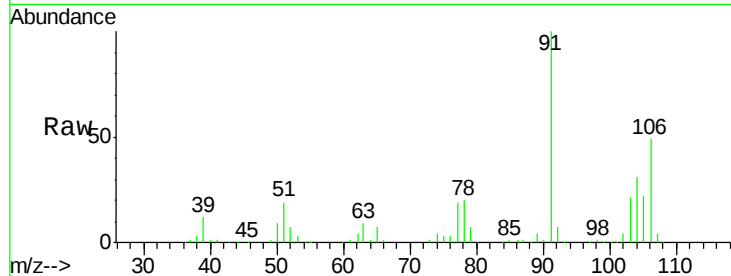
#69
o-Xylene
Concen: 17.54 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

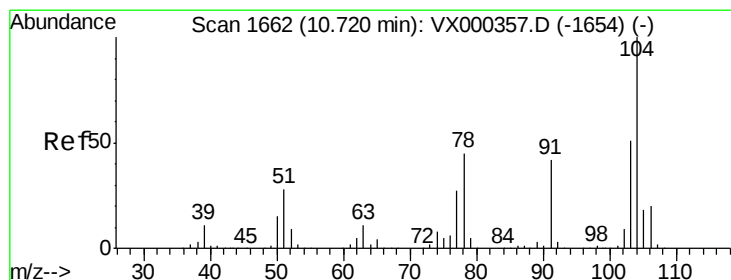
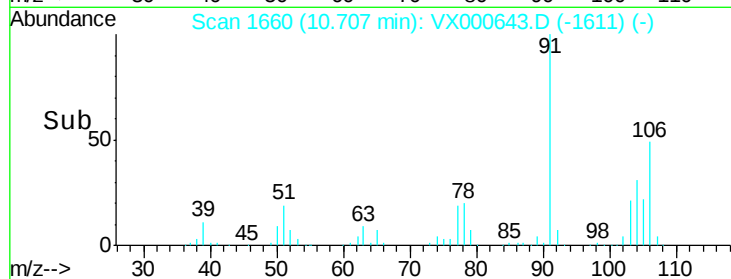
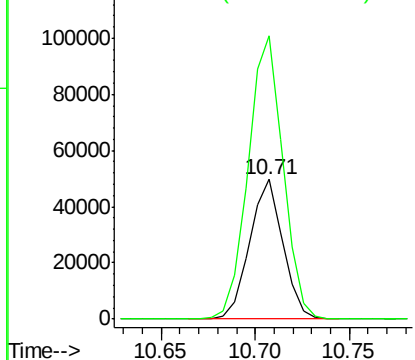
Tot Ion:106 Resp: 60830
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.6

Manual Integrations
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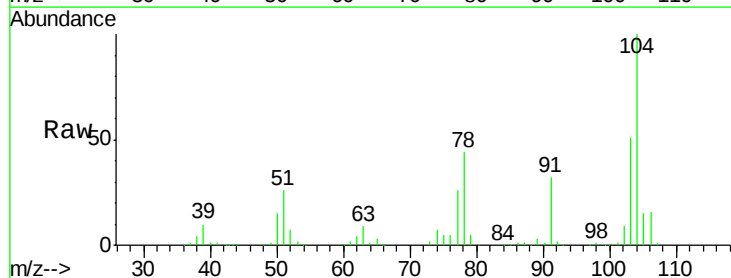


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

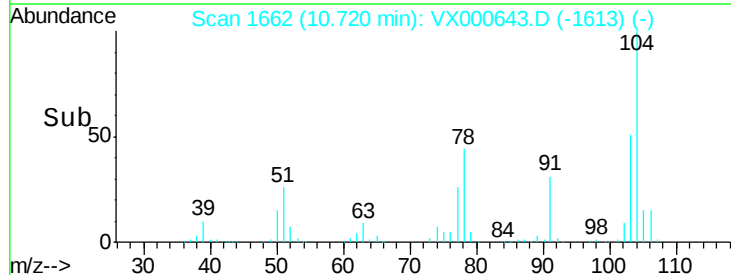
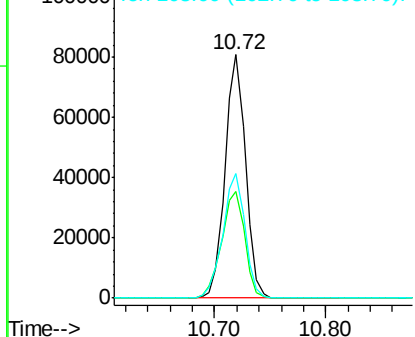


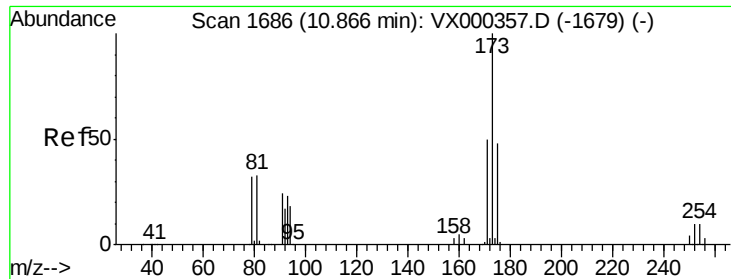
#70
Styrene
Concen: 17.94 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion:104 Resp: 102915
Ion Ratio Lower Upper
104 100
78 49.6 40.5 60.7
103 55.6 45.7 68.5



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





#71

Bromoform

Concen: 17.60 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion:173 Resp: 26943

Ion Ratio Lower Upper

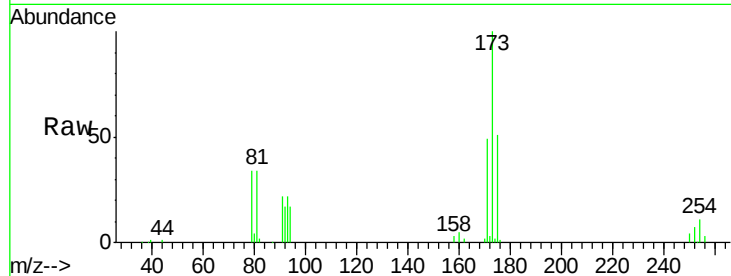
173 100

175 48.7 25.4 76.4

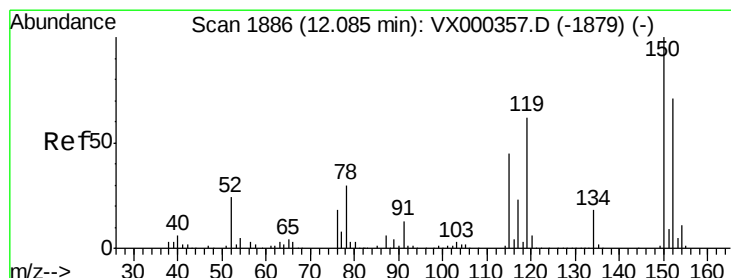
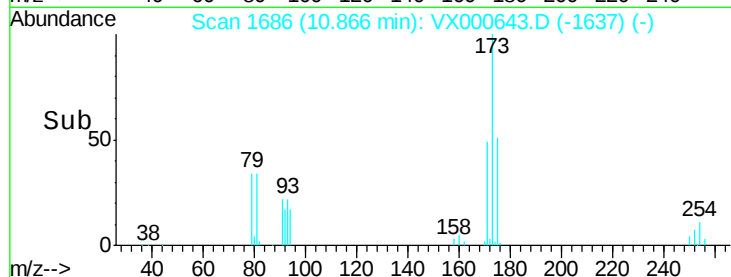
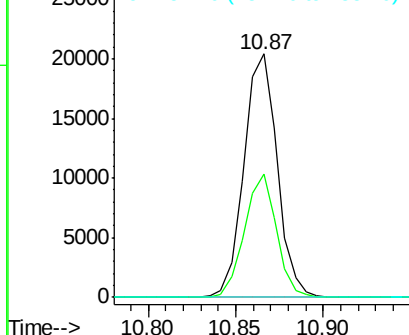
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

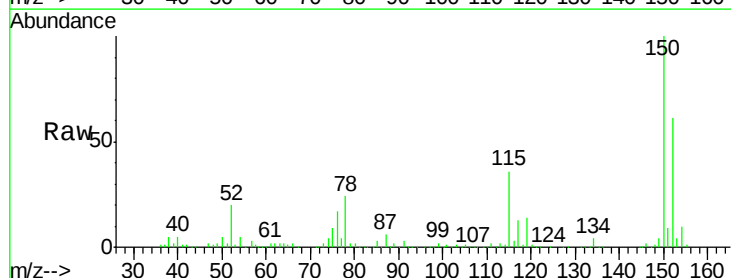
Tgt Ion:152 Resp: 148439

Ion Ratio Lower Upper

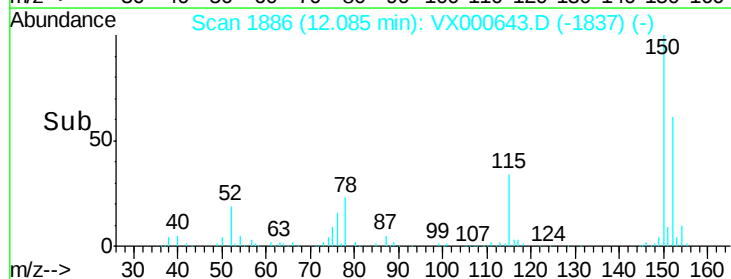
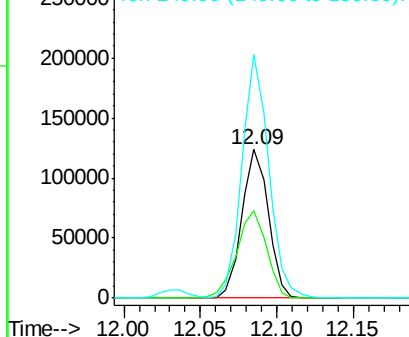
152 100

115 66.7 39.8 119.3

150 166.5 0.0 344.4



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





#73

Isopropylbenzene

Concen: 17.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 105 Resp: 170356

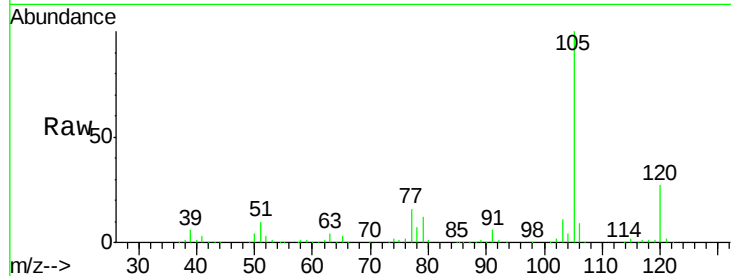
Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

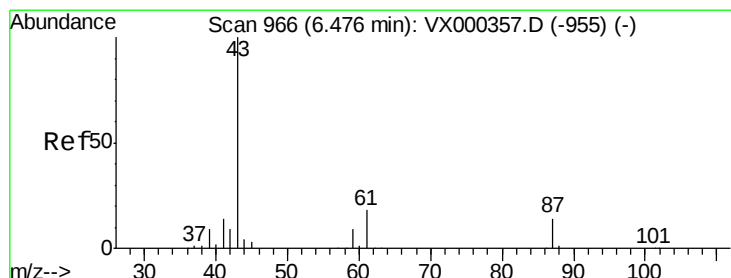
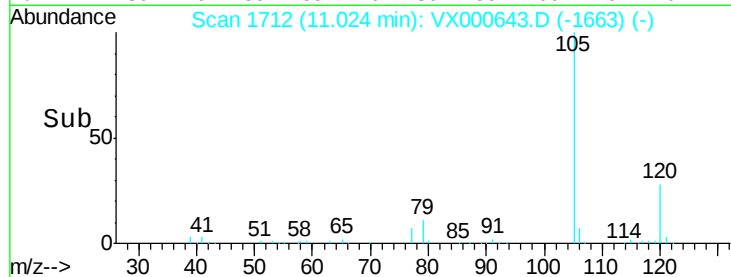
50000

0

11.02

11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 15.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion: 43 Resp: 74618

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.8 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

30000

20000

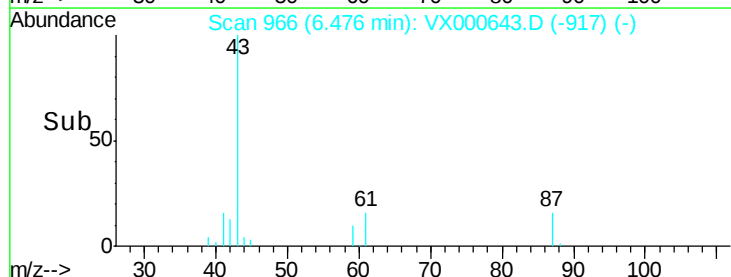
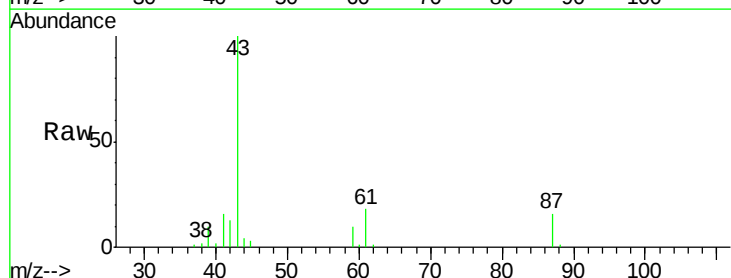
10000

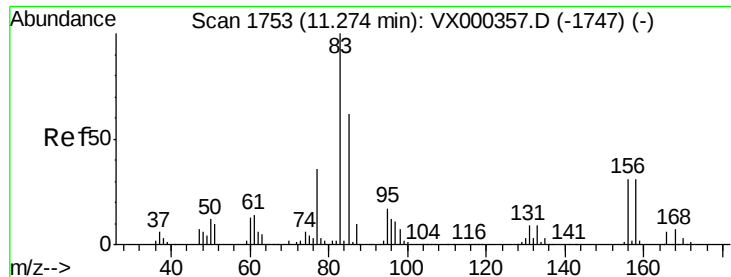
0

6.48

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.89 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

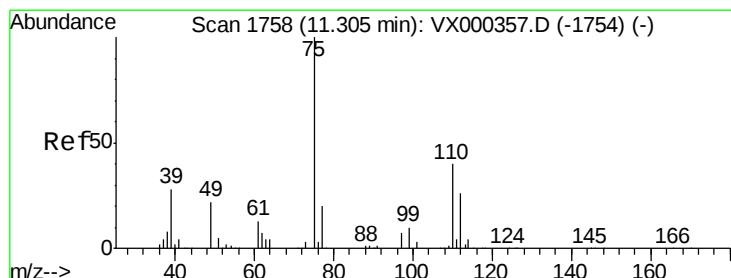
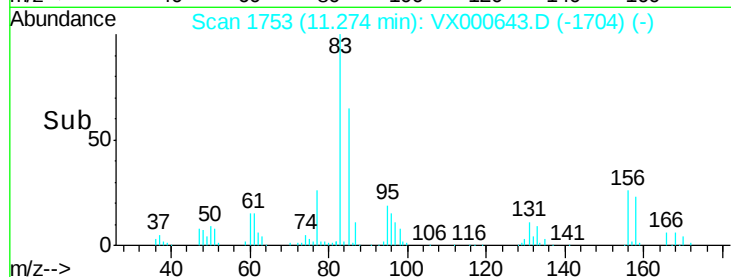
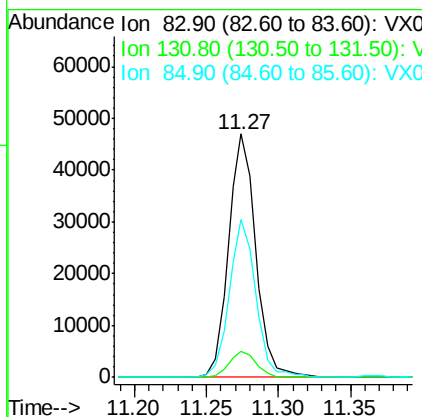
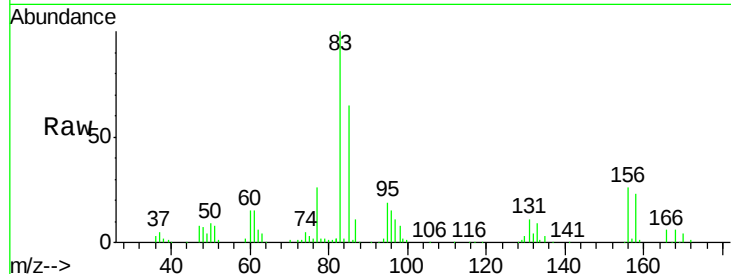
ClientSampleId :

VX0402WBSD01

Tot Ion:	83	Resp:	62243
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.0	14.9
85	63.3	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.47 ug/l m

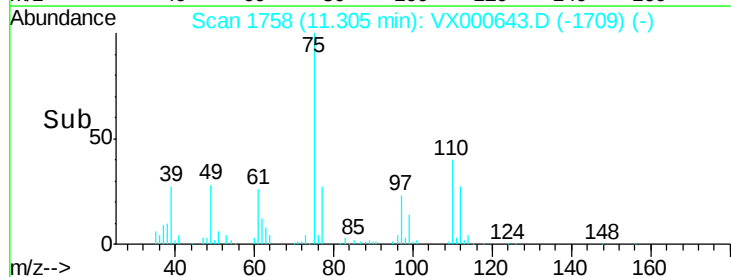
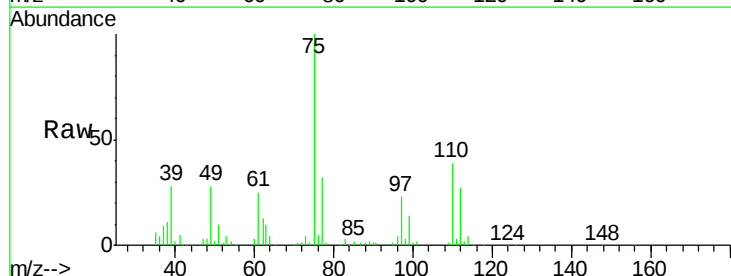
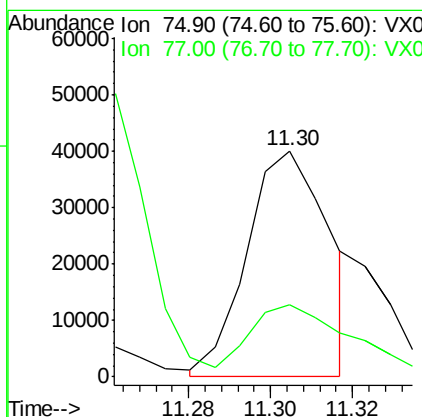
RT: 11.30 min Scan# 1758

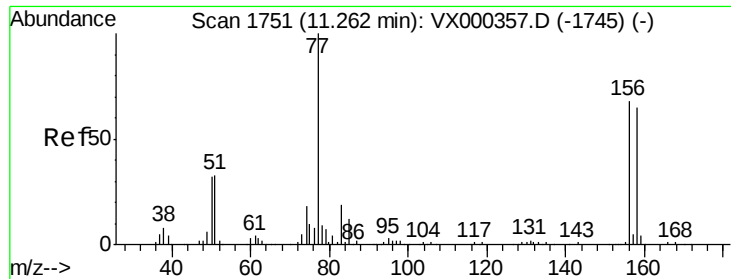
Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion:	75	Resp:	55723
Ion	Ratio	Lower	Upper
75	100		
77	39.7	21.4	64.2





#77

Bromobenzene

Concen: 16.49 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion:156 Resp: 43194

Ion Ratio Lower Upper

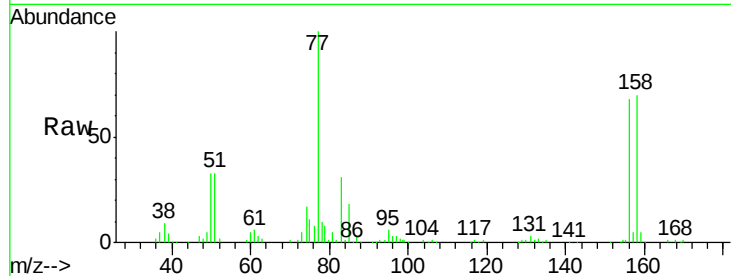
156 100

77 147.1 73.4 220.2

158 98.7 48.5 145.6

Manual Integrations
APPROVED

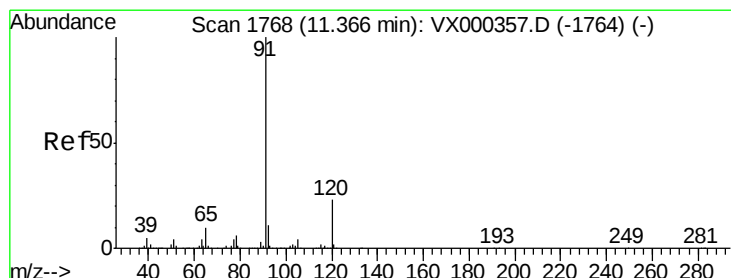
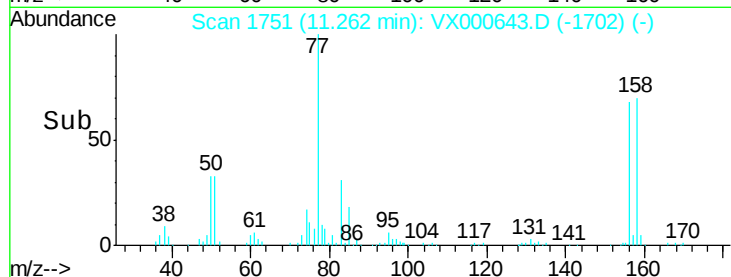
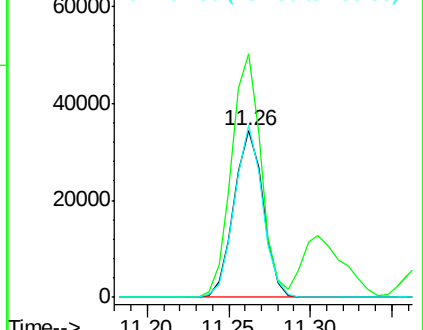
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000643.D

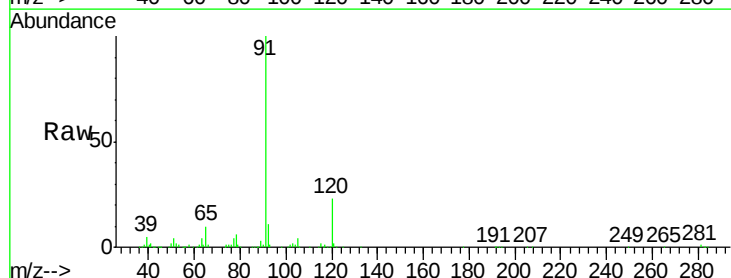
Acq: 02 Apr 2018 16:15

Tgt Ion: 91 Resp: 205778

Ion Ratio Lower Upper

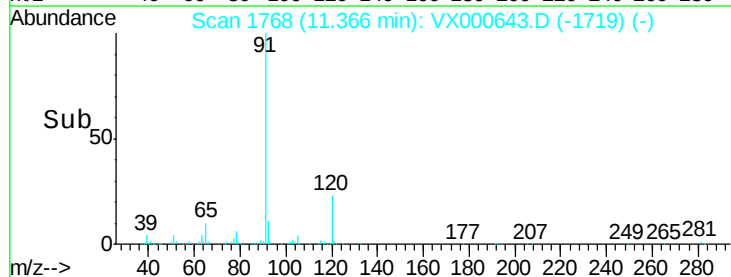
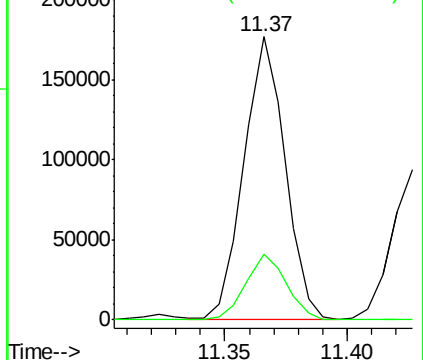
91 100

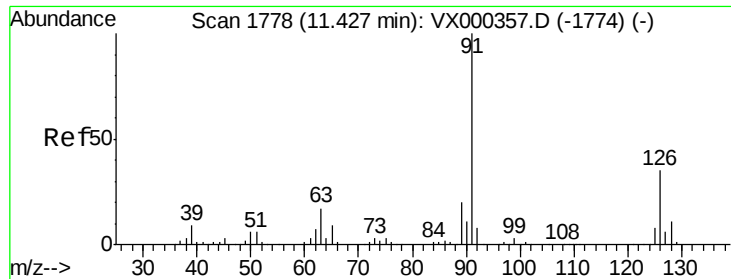
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.87 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

VX0402WBSD01

Tot Ion: 91 Resp: 114273

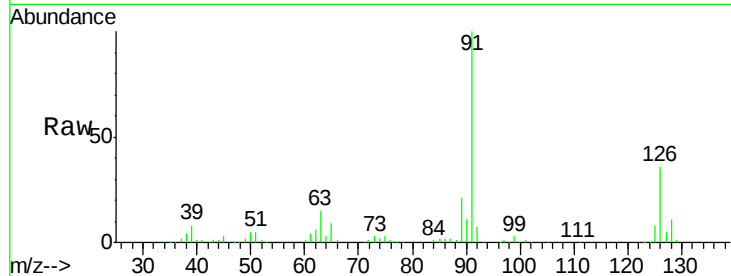
Ion Ratio Lower Upper

91 100

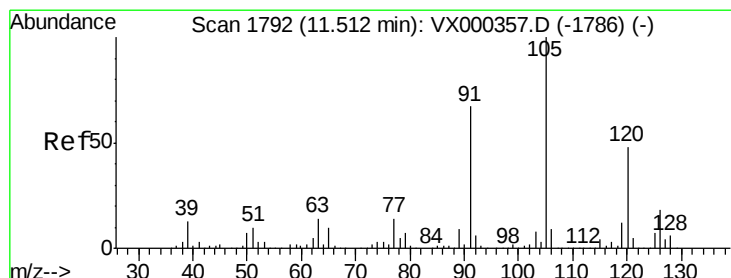
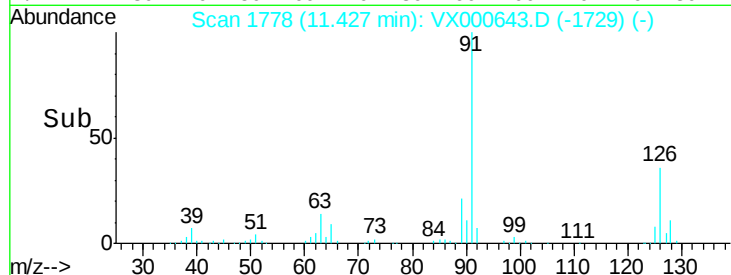
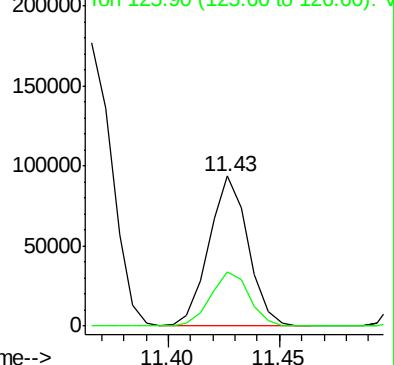
126 36.1 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000643.D

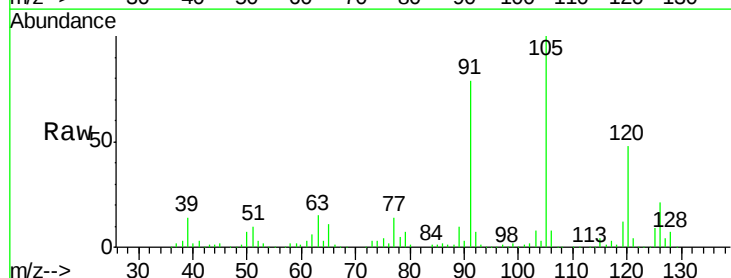
Acq: 02 Apr 2018 16:15

Tgt Ion: 105 Resp: 145108

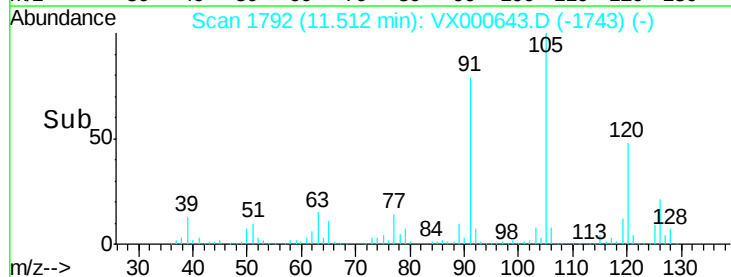
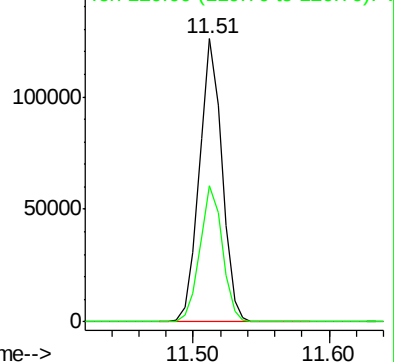
Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.12 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 75 Resp: 15883

Ion Ratio Lower Upper

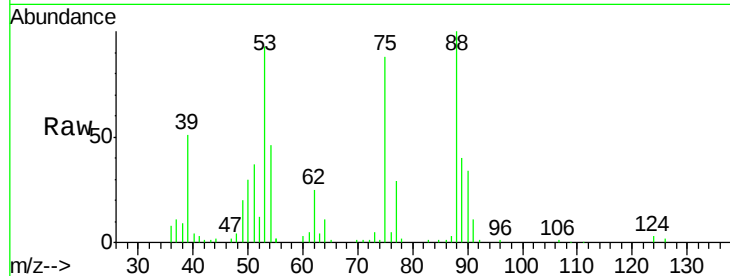
75 100

53 112.1 80.7 121.1

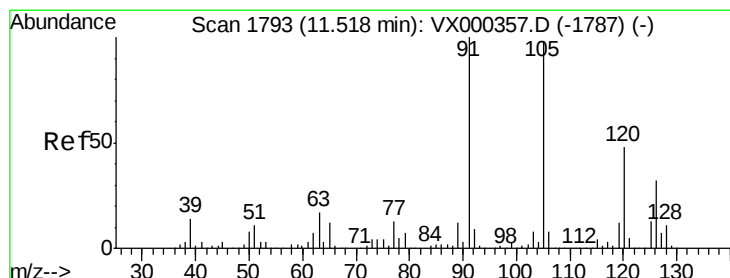
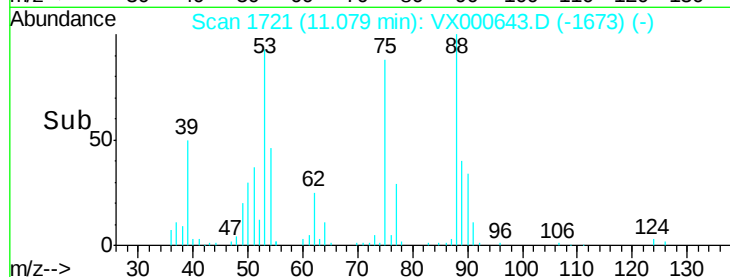
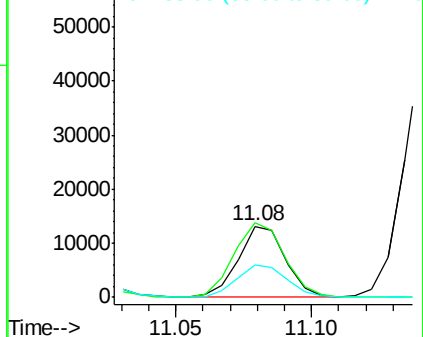
89 49.2 39.4 59.0

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



#82

4-Chlorotoluene

Concen: 17.71 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000643.D

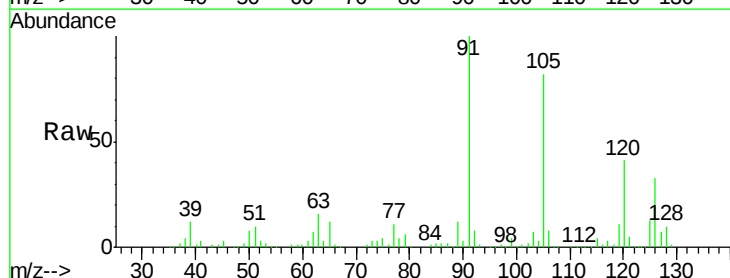
Acq: 02 Apr 2018 16:15

Tgt Ion: 91 Resp: 143243

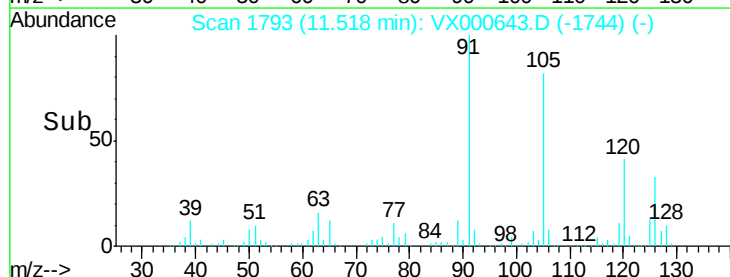
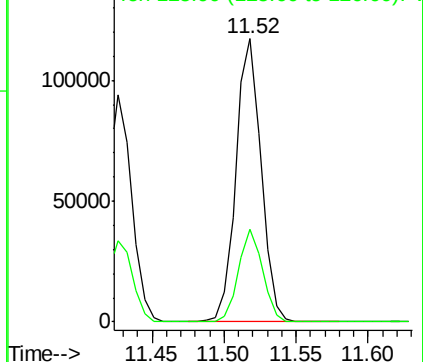
Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.1



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





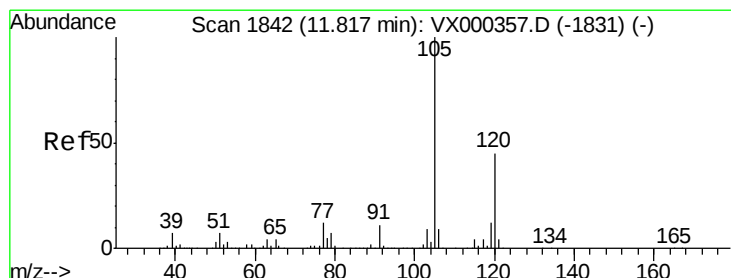
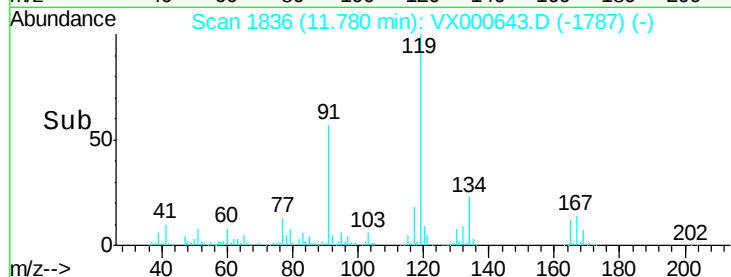
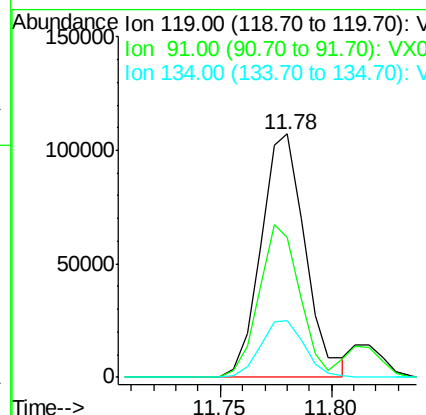
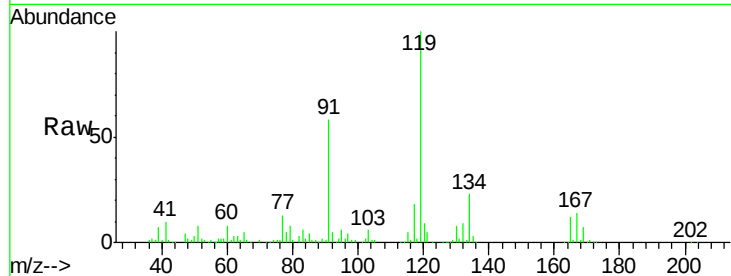
#83
 tert-Butylbenzene
 Concen: 17.71 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	147736		
91	57.9	28.8	86.4	
134	23.2	11.4	34.1	

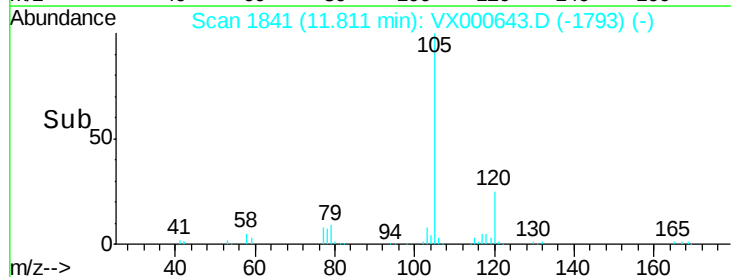
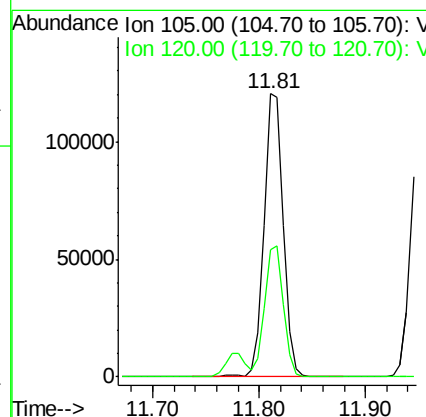
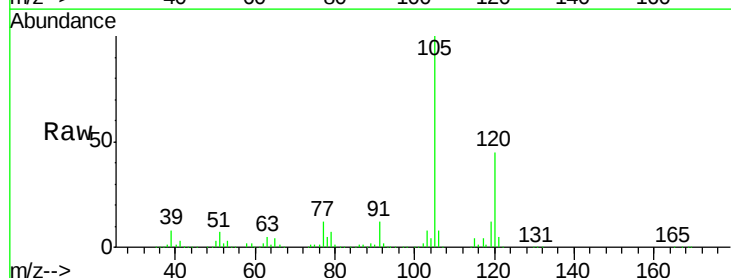
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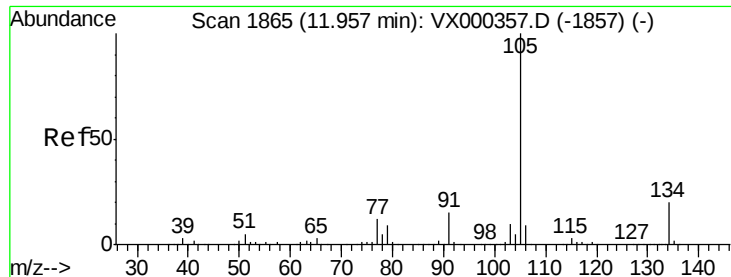
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.61 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	152682		
120	45.3	22.4	67.3	





#85

sec-Butylbenzene

Concen: 17.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

VX0402WBSD01

Tot Ion:105 Resp: 180515

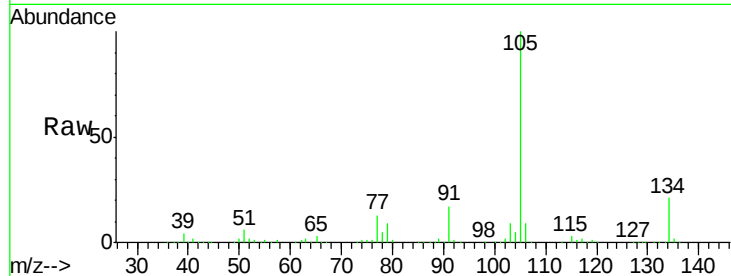
Ion Ratio Lower Upper

105 100

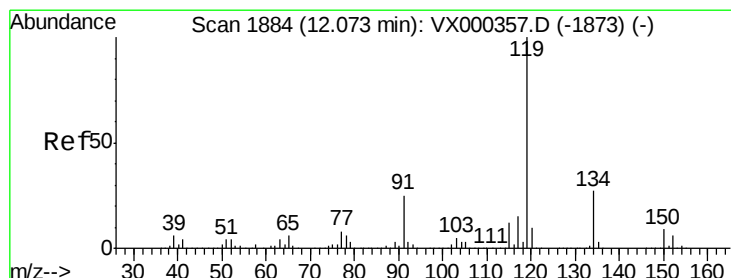
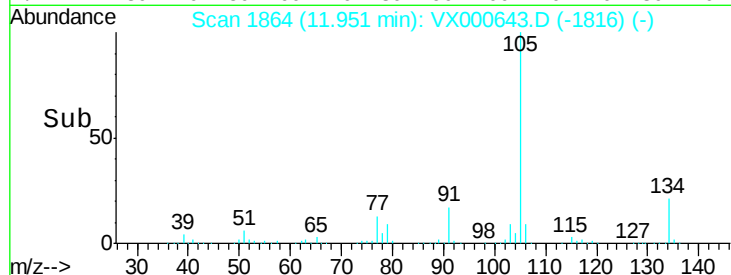
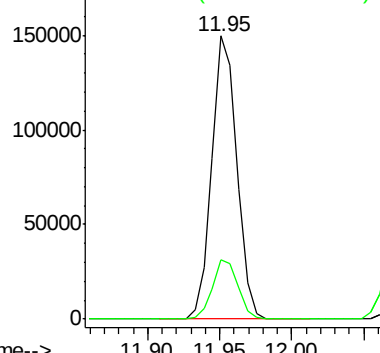
134 21.1 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.09 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

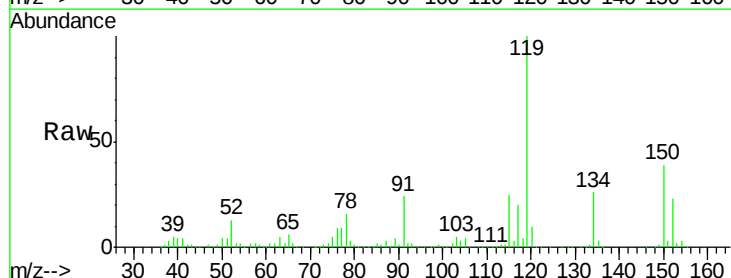
Tgt Ion:119 Resp: 165811

Ion Ratio Lower Upper

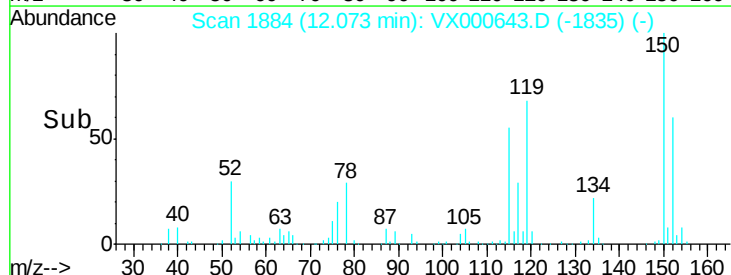
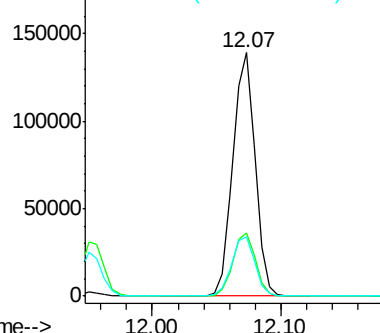
119 100

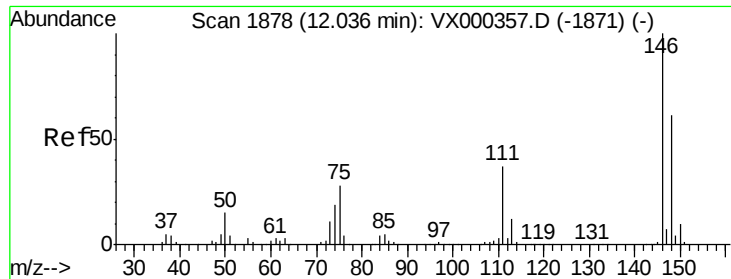
134 26.3 13.3 39.9

91 25.3 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





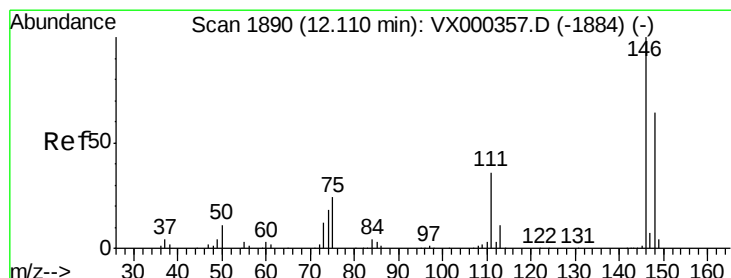
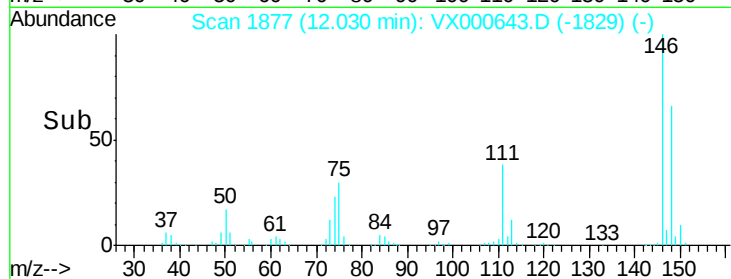
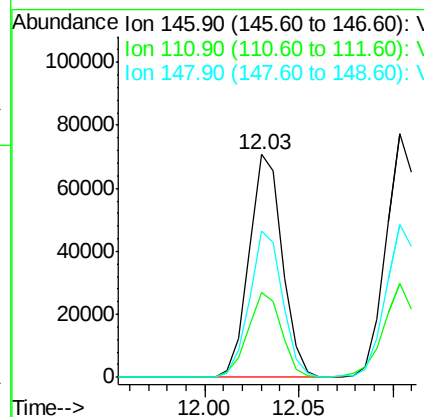
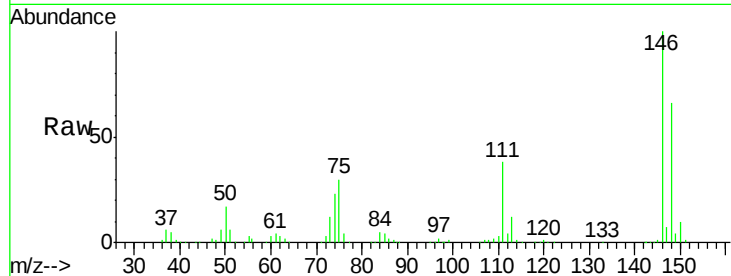
#87
 1,3-Dichlorobenzene
 Concen: 17.47 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	65.1	32.4	97.0

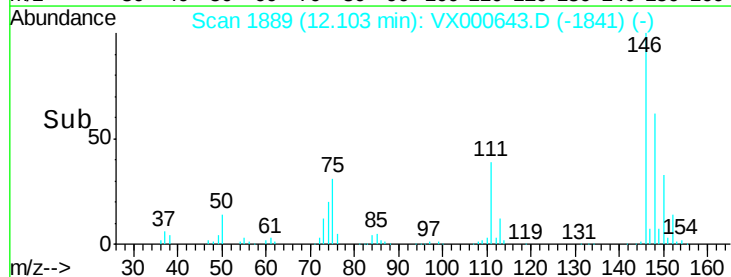
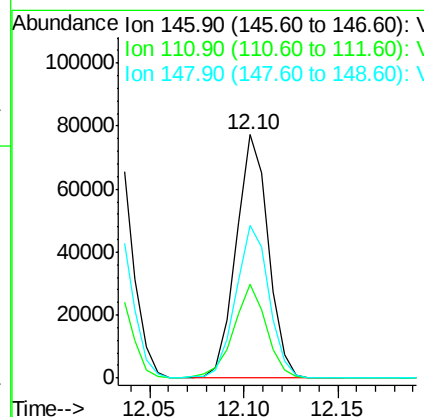
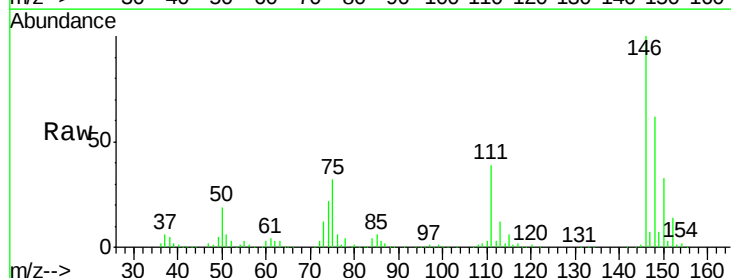
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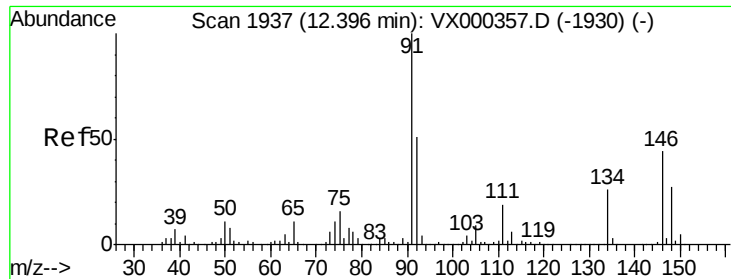
MMDadoda
 4/4/2018 5:09:38 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.61 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.9	56.9
148	64.5	31.0	93.0





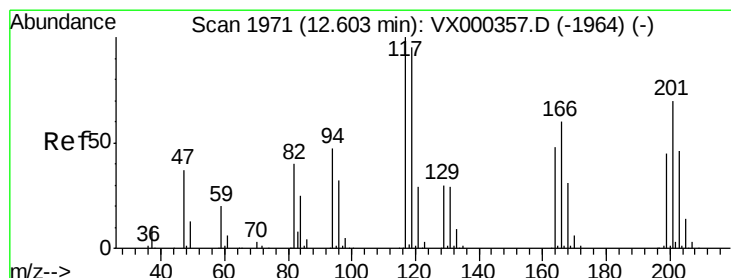
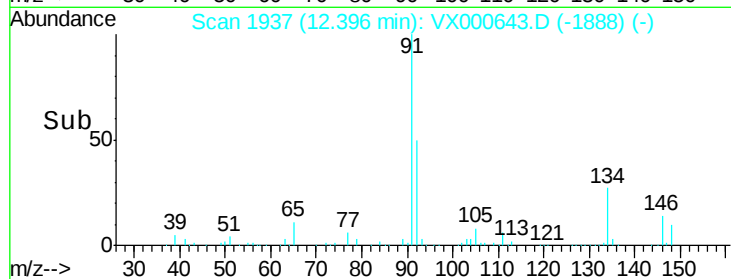
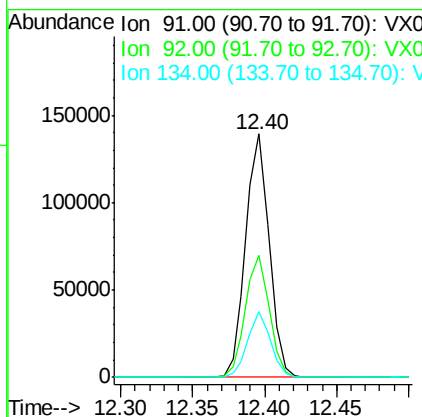
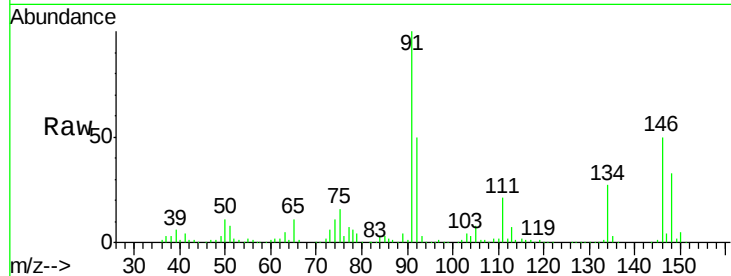
#89
n-Butylbenzene
Concen: 18.50 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		157869		
92	50.6	25.9	77.8		
134	26.2	13.1	39.3		

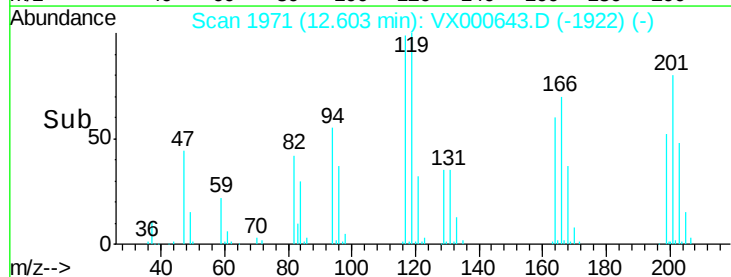
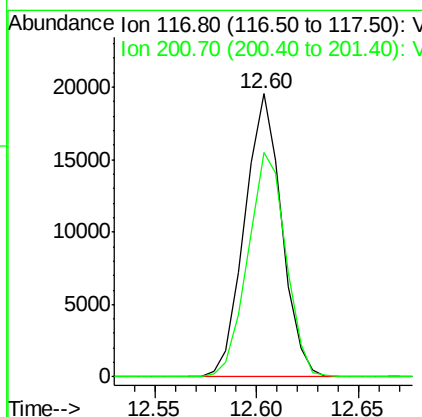
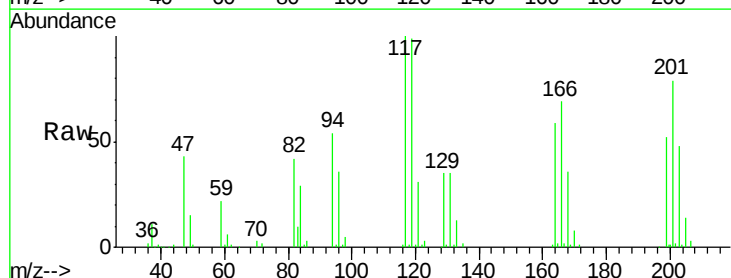
Manual Integrations
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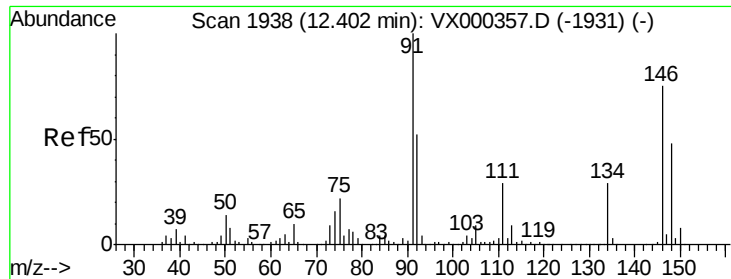
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#90
Hexachloroethane
Concen: 17.08 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		24639		
201	81.1	37.9	113.6		





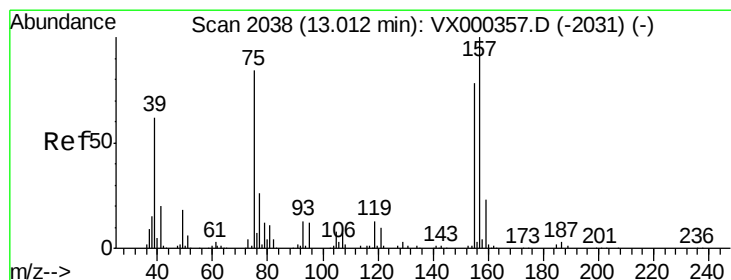
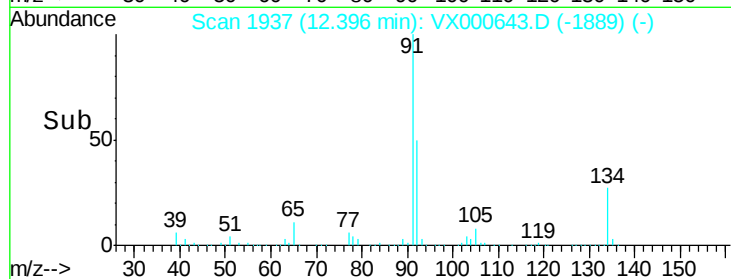
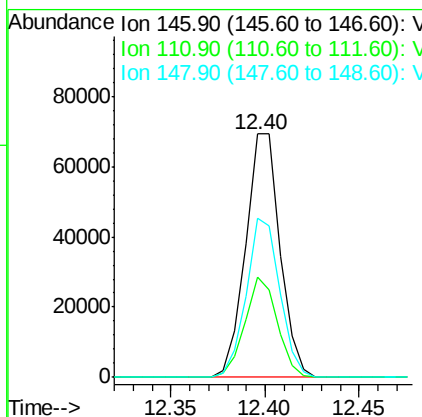
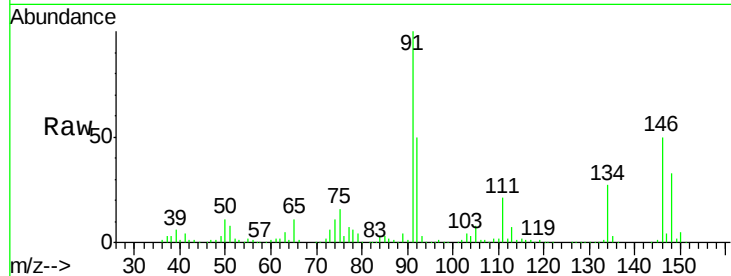
#91
 1,2-Dichlorobenzene
 Concen: 18.14 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	88090		
111	39.0	20.1	60.2	
148	63.5	31.2	93.6	

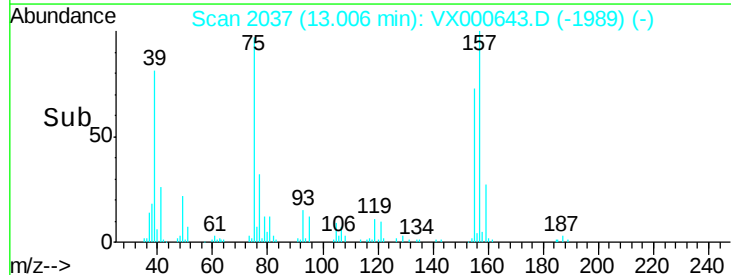
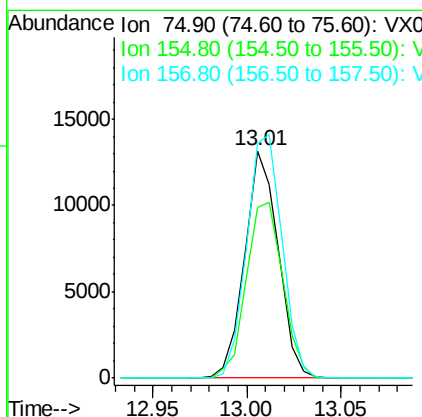
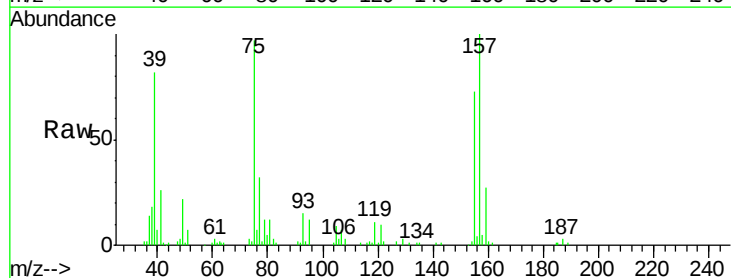
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.73 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16230		
155	84.1	45.0	134.8	
157	113.0	58.1	174.2	





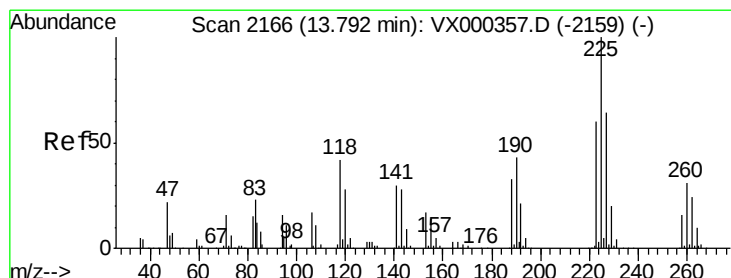
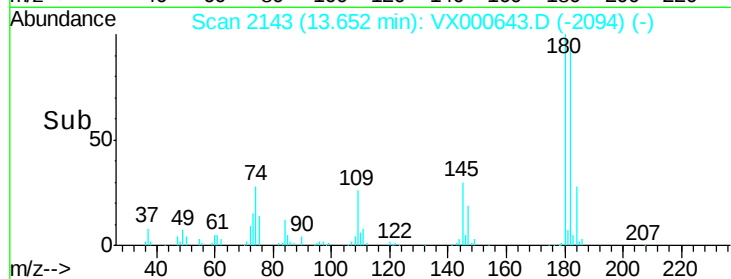
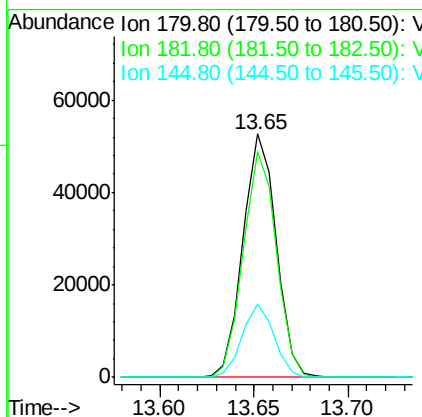
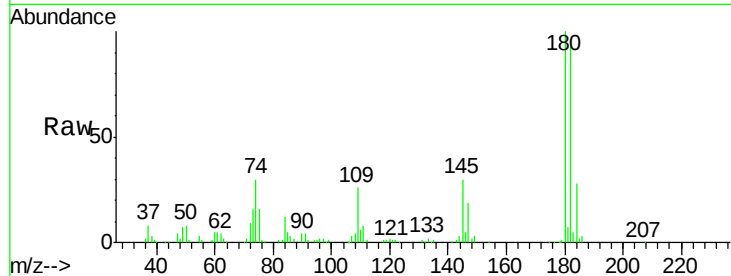
#93
 1,2,4-Trichlorobenzene
 Concen: 18.54 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBSD01

Tot Ion:	180	Resp:	64549
Ion Ratio	Lower	Upper	
180	100		
182	92.5	47.6	142.9
145	29.0	15.1	45.3

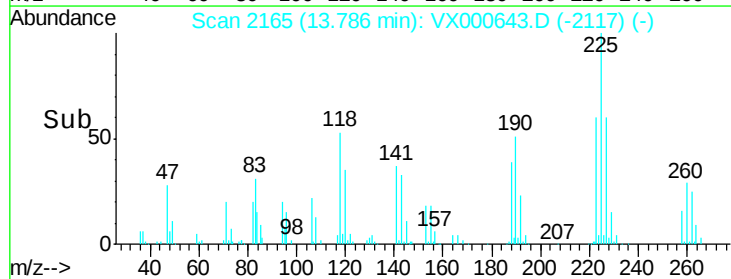
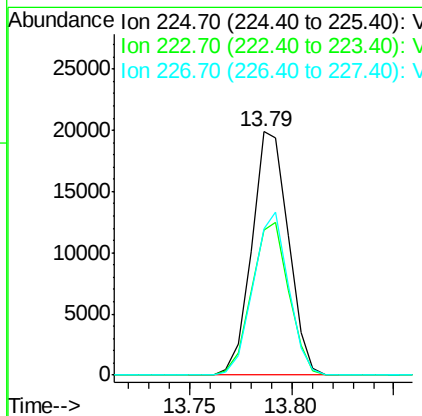
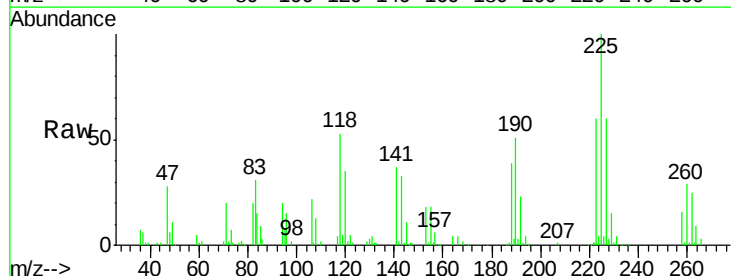
Manual Integrations
 APPROVED

MMDadoda
 4/4/2018 5:09:38 PM



#94
 Hexachlorobutadiene
 Concen: 17.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion:	225	Resp:	24816
Ion Ratio	Lower	Upper	
225	100		
223	63.4	32.0	96.0
227	64.7	32.6	98.0





#95

Naphthalene

Concen: 18.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

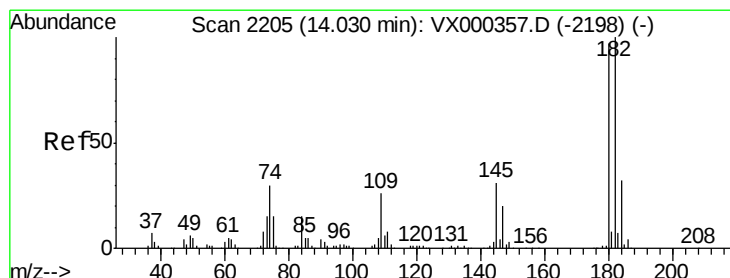
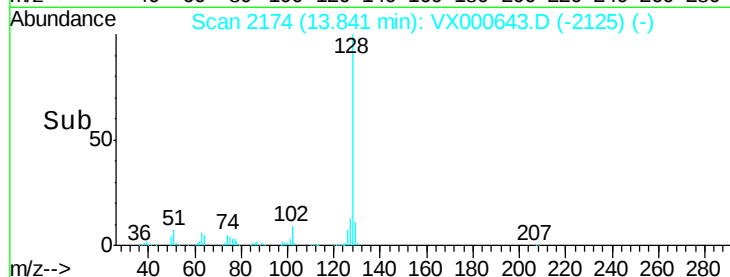
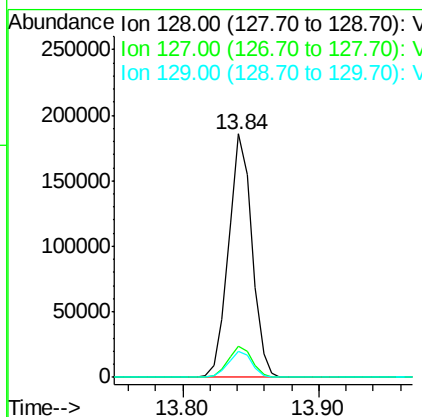
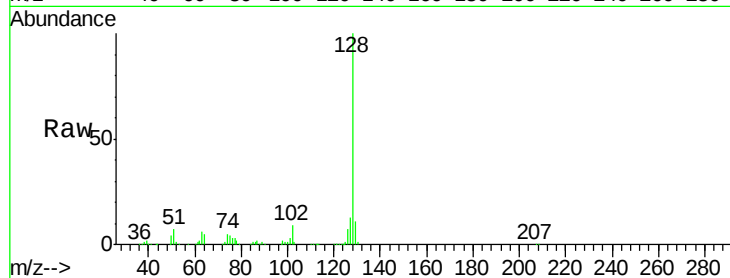
ClientSampleId :

VX0402WBSD01

Tot Ion:	128	Resp:	221369
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
4/4/2018 5:09:38 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.42 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion:	180	Resp:	63374
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.3
145	31.3	15.8	47.3

