

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001260.D
 Acq On : 30 Apr 2018 17:30
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 11:08:06 AM

Quant Time: May 01 09:20:33 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	39343	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	223528	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	209127	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	86342	30.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.43%
60) 4-Bromofluorobenzene	11.14	95	103283	29.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.27%
63) Toluene-d8	8.72	98	270419	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	53683	20.81	ug/l	97
3) Chloromethane	1.32	50	49293	20.47	ug/l	97
4) Vinyl Chloride	1.40	62	50368	19.95	ug/l	100
5) Bromomethane	1.65	94	35174	18.44	ug/l	98
6) Chloroethane	1.73	64	30569	19.78	ug/l	99
7) Trichlorofluoromethane	1.93	101	81222	19.36	ug/l	100
8) Diethyl Ether	2.19	74	28027	19.24	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47730	20.06	ug/l	93
10) 1,1-Dichloroethene	2.38	96	41300	19.16	ug/l	96
11) Methyl Iodide	2.51	142	49421	18.85	ug/l	95
12) Methyl Acetate	2.78	43	54942	19.39	ug/l	99
13) Acrolein	2.29	56	33548	99.28	ug/l	98
14) Acrylonitrile	3.15	53	107234	95.09	ug/l	99
15) Acetone	2.45	58	33053	94.20	ug/l	95
16) Carbon Disulfide	2.57	76	108820	18.99	ug/l	99
17) Allyl chloride	2.73	41	72148	18.87	ug/l	98
18) Methylene Chloride	2.86	84	44691	19.03	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	44182	19.02	ug/l	89
20) Diisopropyl ether	3.87	45	140568	18.68	ug/l #	97
21) 1,1-Dichloroethane	3.70	63	80015	19.78	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	49701	19.16	ug/l	99
23) tert-Butyl Alcohol	3.06	59	44358	96.25	ug/l #	100
24) Methyl tert-Butyl Ether	3.20	73	139465	18.87	ug/l	95
25) Chloroform	5.22	83	82511	18.74	ug/l	97
26) Cyclohexane	5.58	56	71850	19.54	ug/l #	95
29) 1,1-Dichloropropene	5.80	75	61106	18.45	ug/l	98
30) 2-Butanone	4.70	43	158360	93.32	ug/l	96
31) 2,2-Dichloropropane	4.59	77	65427	18.10	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	72489	18.09	ug/l	99
33) Carbon Tetrachloride	5.79	117	64181	17.77	ug/l	98
34) Benzene	6.15	78	180081	18.35	ug/l	94
35) Methacrylonitrile	5.06	41	34317	18.22	ug/l	94
36) 1,2-Dichloroethane	6.20	62	69143	18.36	ug/l	100
37) Trichloroethene	7.22	130	55903	18.79	ug/l	96
38) Methylcyclohexane	7.46	83	77171	19.80	ug/l	96
39) 1,2-Dichloropropane	7.52	63	46257	18.59	ug/l	97
40) Dibromomethane	7.67	93	32141	18.36	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	57352	17.34	ug/l	95
42) Vinyl Acetate	3.82	43	610576	91.47	ug/l	97
43) Ethyl Acetate	4.86	43	60949	18.65	ug/l	98
44) Isopropyl Acetate	6.47	43	100115	18.00	ug/l	97
45) 1,4-Dioxane	7.76	88	19568	387.14	ug/l	97
46) Methyl methacrylate	7.78	41	51504	17.80	ug/l	91
47) n-amyl Acetate	10.90	43	91624	17.17	ug/l	98
48) t-1,3-Dichloropropene	8.44	75	69580	17.87	ug/l	97
49) cis-1,3-Dichloropropene	9.04	75	62839	16.85	ug/l #	90
50) 1,1,2-Trichloroethane	9.22	97	46563	17.91	ug/l	99
51) Ethyl methacrylate	9.18	69	66196	17.87	ug/l	92
52) 1,3-Dichloropropane	9.38	76	77880	18.53	ug/l	99
53) Dibromochloromethane	9.59	129	49109	17.11	ug/l	97
54) 1,2-Dibromoethane	9.68	107	49966	17.95	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	158553	87.36	ug/l	99
56) Bromoform	10.86	173	38759	16.50	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	316912	91.30	ug/l	99
59) 2-Hexanone	9.50	43	246451	91.13	ug/l	97
61) Tetrachloroethene	9.34	164	63897	19.94	ug/l	92
62) Toluene	8.79	91	206983	18.42	ug/l	99
64) Chlorobenzene	10.14	112	139424	18.39	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	49277	17.80	ug/l	97
66) Ethyl Benzene	10.26	91	231805	18.48	ug/l	99
67) m/p-Xylenes	10.36	106	184938	37.11	ug/l	99
68) o-Xylene	10.70	106	88248	18.32	ug/l	100
69) Styrene	10.71	104	145324	18.13	ug/l	99
70) Isopropylbenzene	11.02	105	242027	18.50	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	68685	17.90	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	64410m	18.76	ug/l	
73) Bromobenzene	11.26	156	68897	18.13	ug/l	94
74) n-propylbenzene	11.37	91	278853	18.88	ug/l	100
75) 2-Chlorotoluene	11.43	91	164151	18.41	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	206935	18.57	ug/l	69
77) t-1,4-Dichloro-2-butene	11.08	75	15903	15.57	ug/l	81
78) 4-Chlorotoluene	11.51	91	193508	18.20	ug/l	100
79) tert-butylbenzene	12.07	119	229102	19.21	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	212079	18.70	ug/l	100
81) sec-Butylbenzene	11.95	105	247270	19.11	ug/l	98
82) p-Isopropyltoluene	12.07	119	229102	19.21	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	126377	18.23	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	127849	18.09	ug/l	98
85) n-Butylbenzene	12.39	91	197070	19.11	ug/l	98
86) Hexachloroethane	12.60	117	32457	17.81	ug/l	72
87) 1,2-Dichlorobenzene	12.40	146	123767	17.96	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	13644	17.02	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	99365	19.03	ug/l	98
90) Hexachlorobutadiene	13.79	225	51755	21.35	ug/l	98
91) Naphthalene	13.84	128	253911	18.74	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	98468	19.11	ug/l	97

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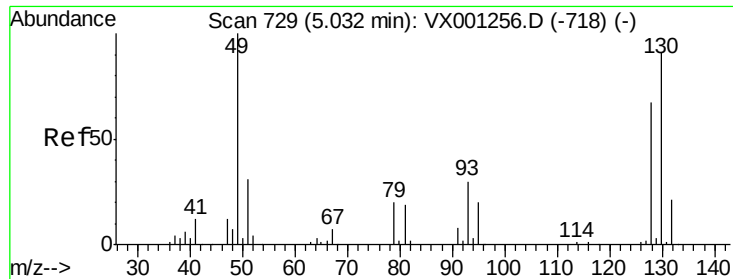
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

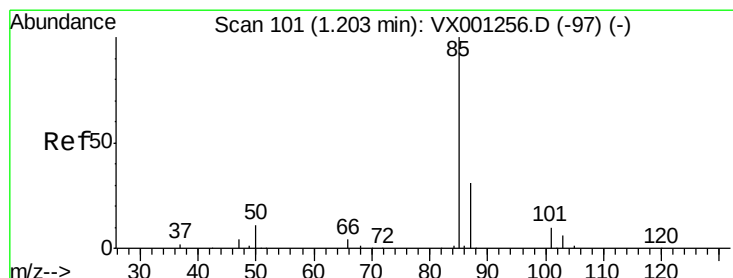
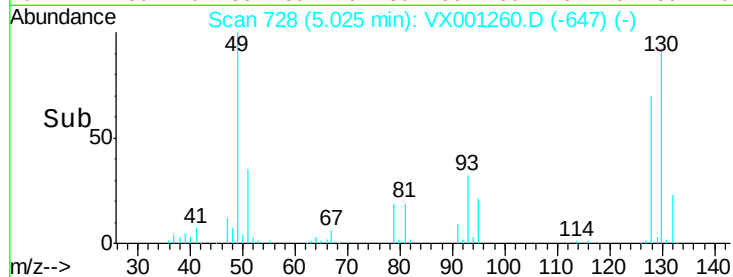
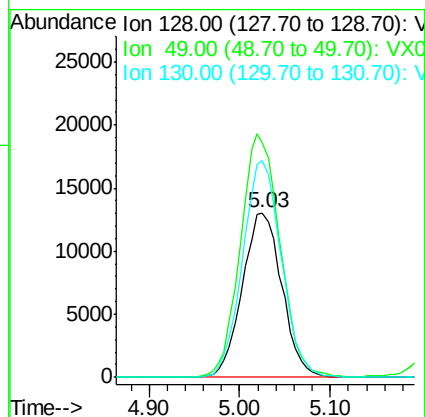
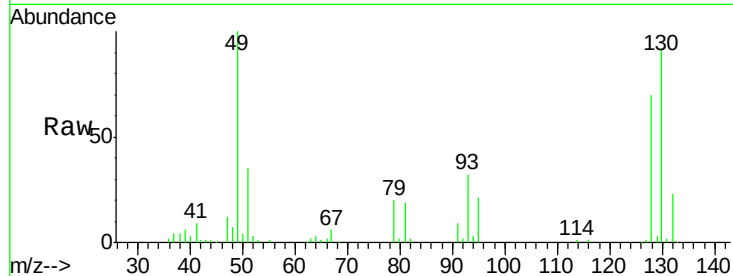
ClientSampleId :

ICVVX043018

Tot Ion:	128	Resp:	39343
Ion	Ratio	Lower	Upper
128	100		
49	148.1	0.0	378.3
130	129.5	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 20.81 ug/l

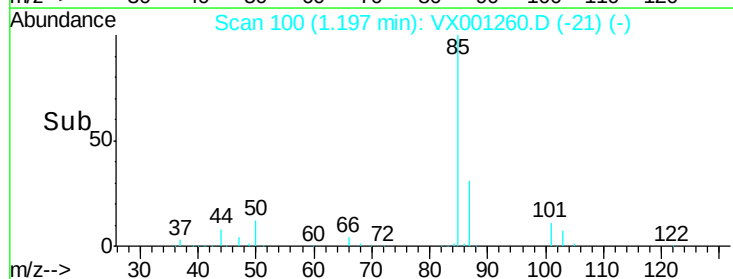
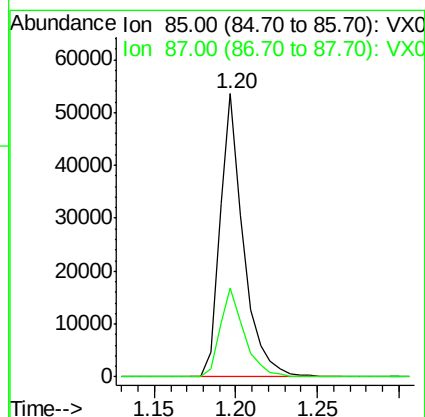
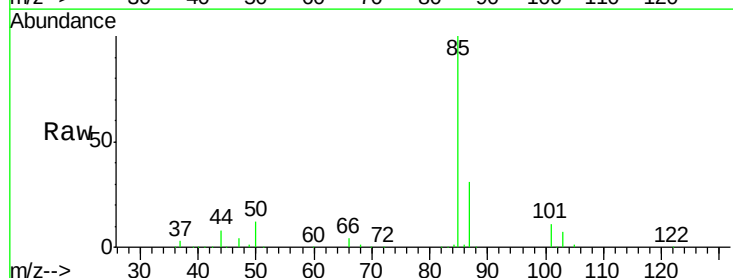
RT: 1.20 min Scan# 100

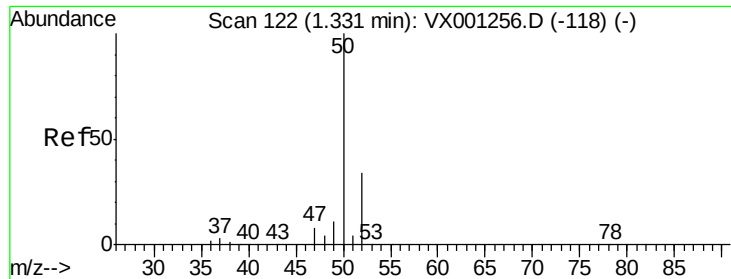
Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	85	Resp:	53683
Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.6	49.7





#3

Chloromethane

Concen: 20.47 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampled :

ICVVX043018

Tot Ion: 50 Resp: 49293

Ion Ratio Lower Upper

50 100

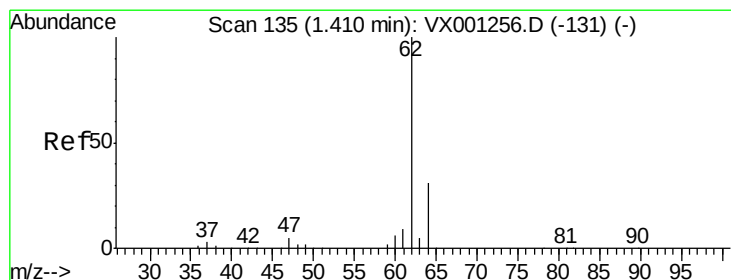
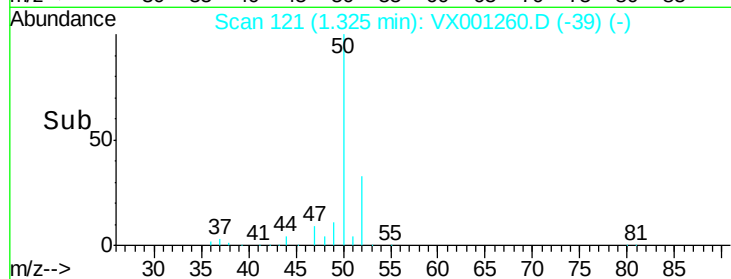
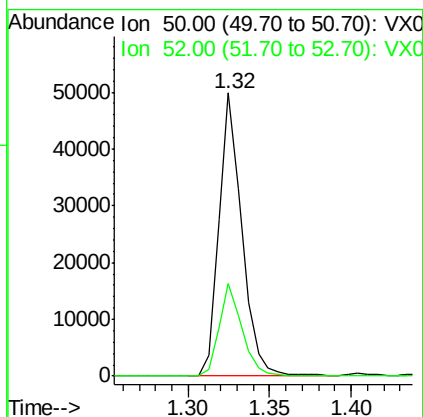
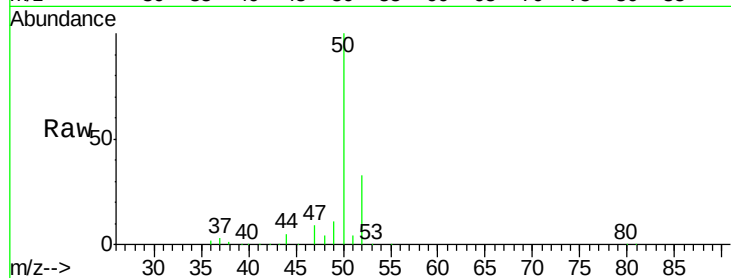
52 32.9 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001260.D

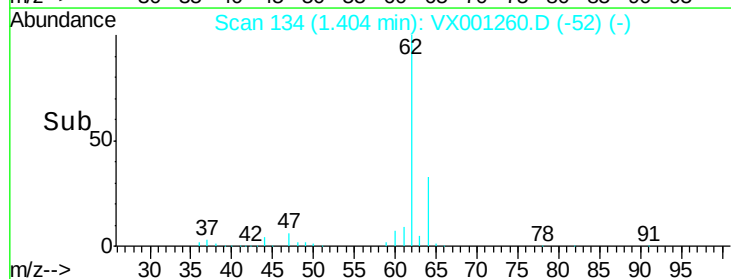
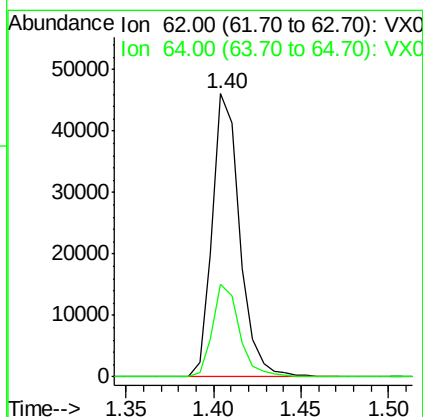
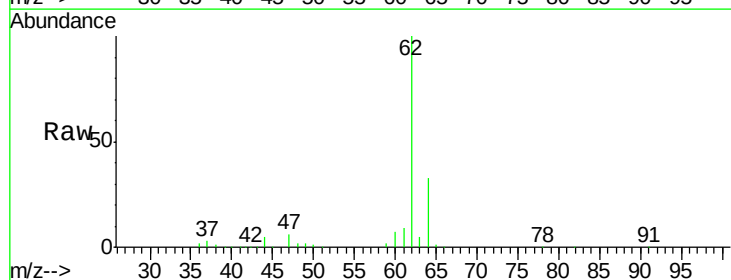
Acq: 30 Apr 2018 17:30

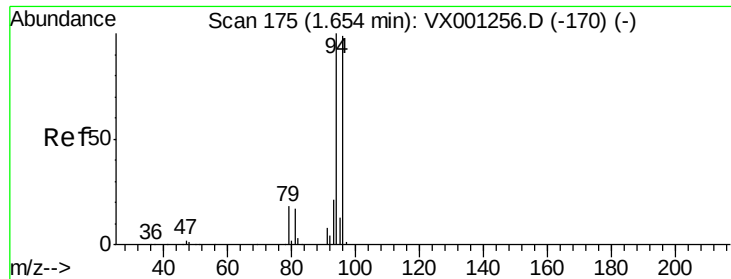
Tgt Ion: 62 Resp: 50368

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0





#5

Bromomethane

Concen: 18.44 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043018

Tot Ion: 94 Resp: 35174

Ion Ratio Lower Upper

94 100

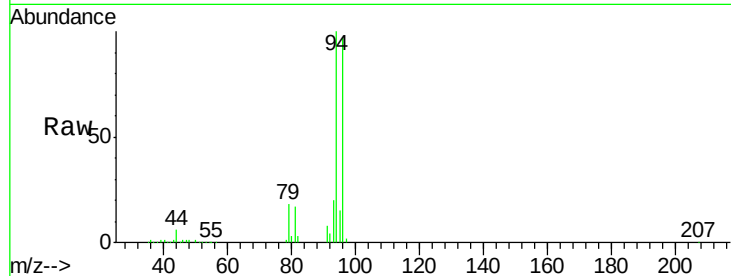
96 97.3 76.2 114.2

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.65

30000

25000

20000

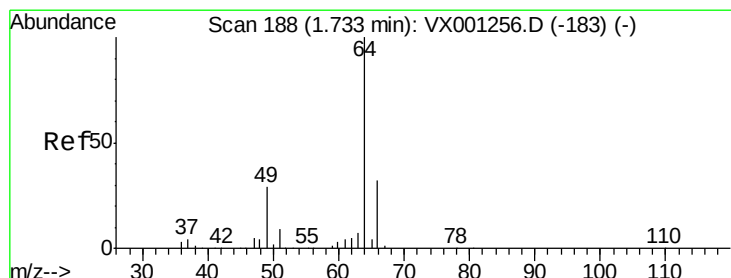
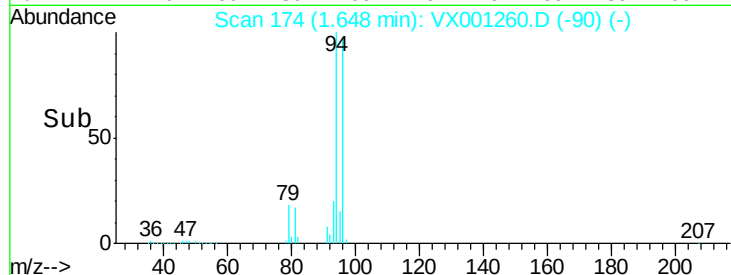
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.78 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001260.D

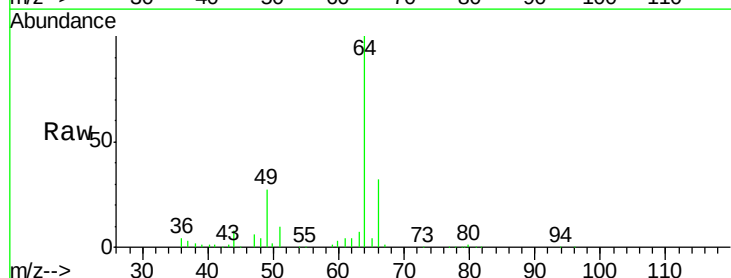
Acq: 30 Apr 2018 17:30

Tgt Ion: 64 Resp: 30569

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

25000

20000

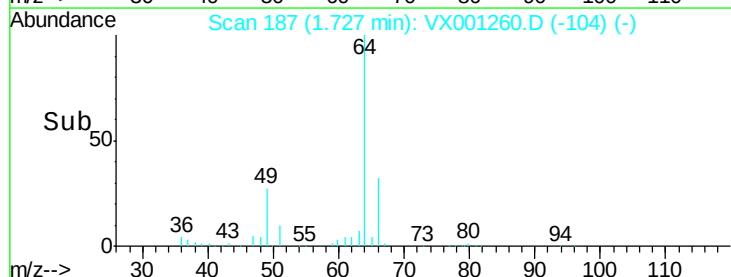
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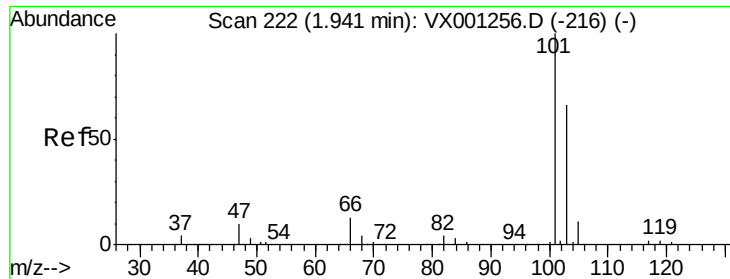
10000

5000

0

Time-->





#7

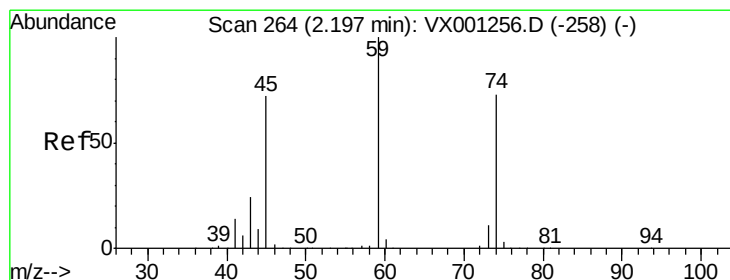
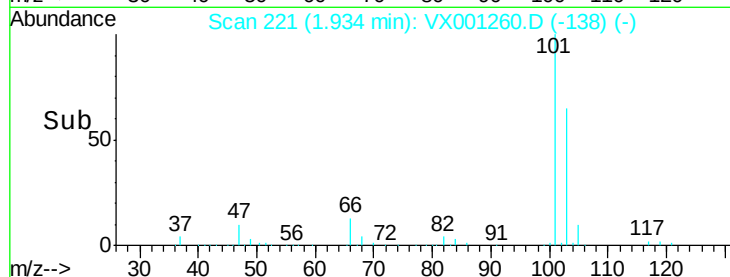
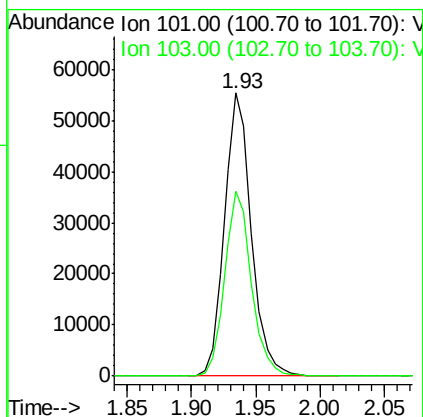
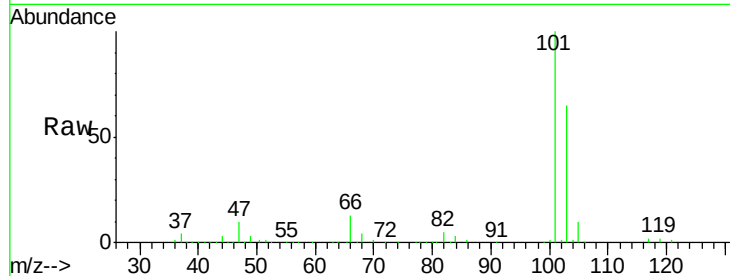
Trichlorofluoromethane
Concen: 19.36 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001260.D
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Tot Ion:101 Resp: 81222
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

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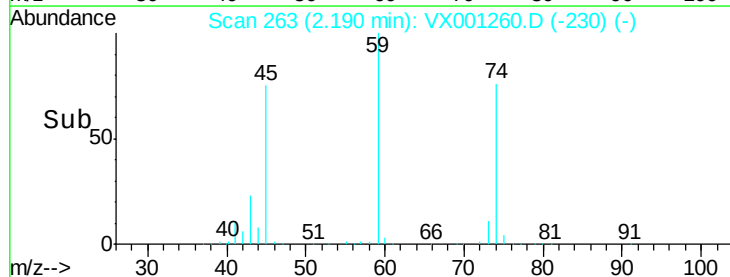
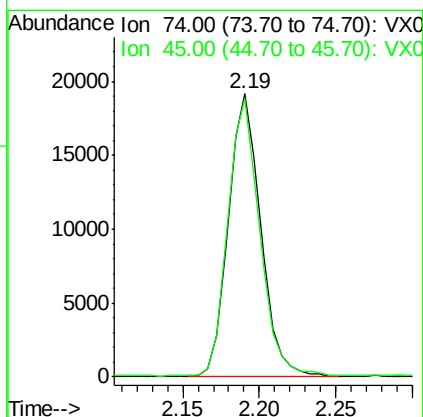
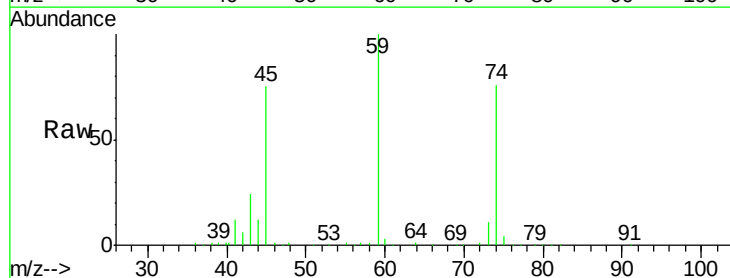
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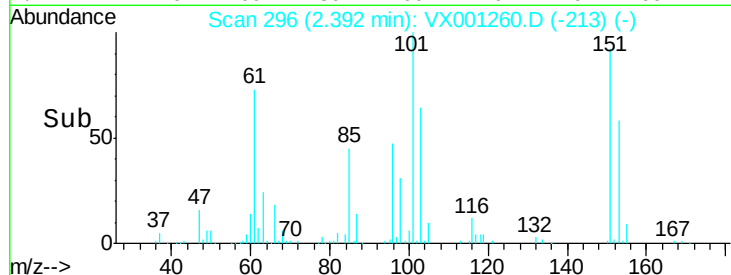
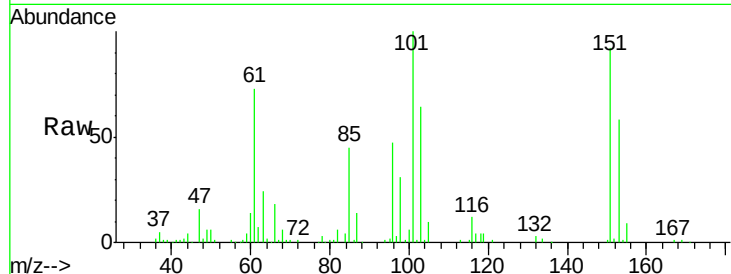
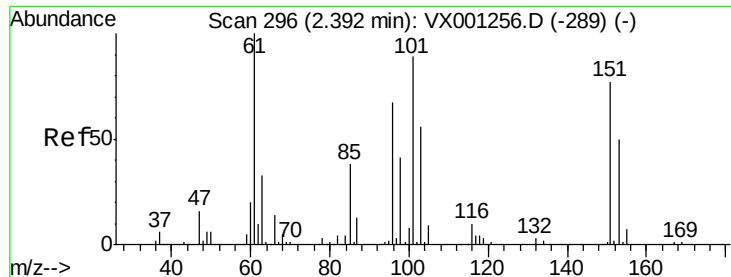


#8

Diethyl Ether
Concen: 19.24 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion: 74 Resp: 28027
Ion Ratio Lower Upper
74 100
45 97.8 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.06 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001260.D

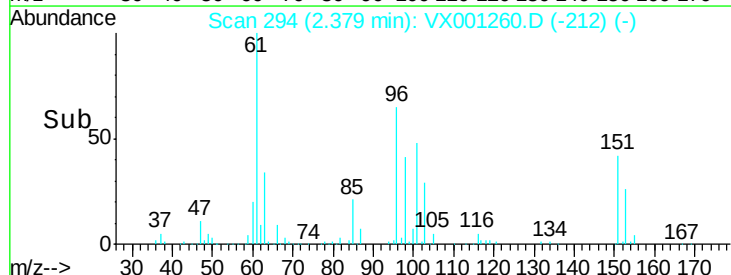
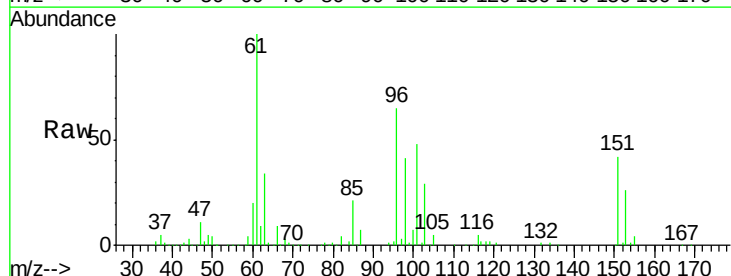
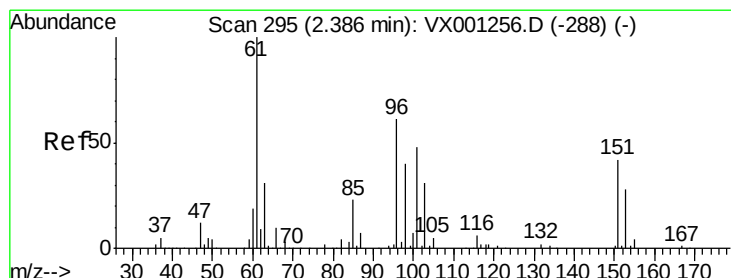
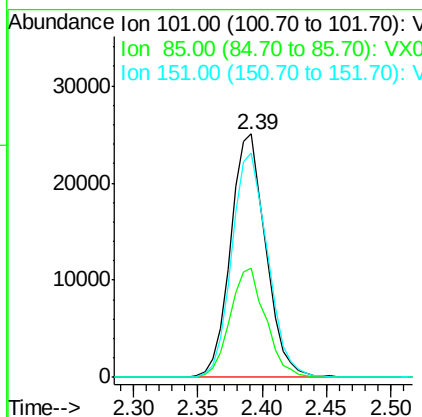
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	47730		
85	45.1	0.0	90.4	
151	93.6	0.0	167.6	

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#10

1,1-Dichloroethene

Concen: 19.16 ug/l

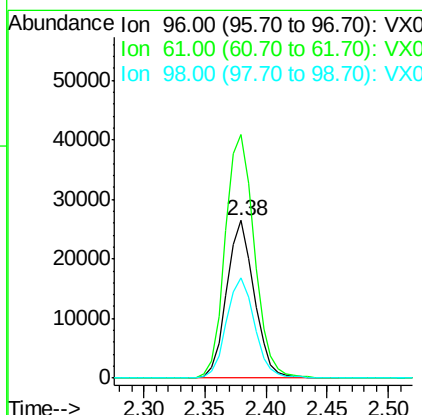
RT: 2.38 min Scan# 294

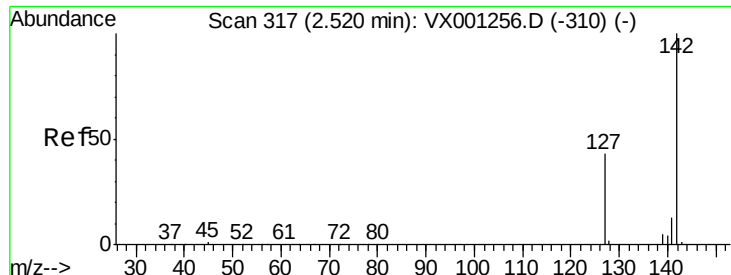
Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	41300		
61	154.4	118.6	178.0	
98	63.3	51.0	76.6	





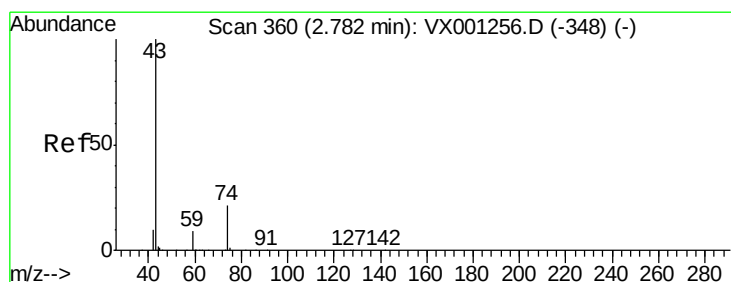
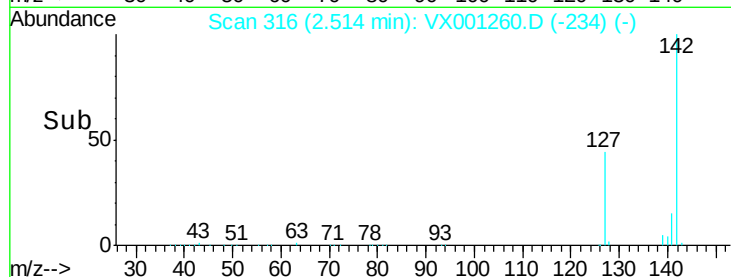
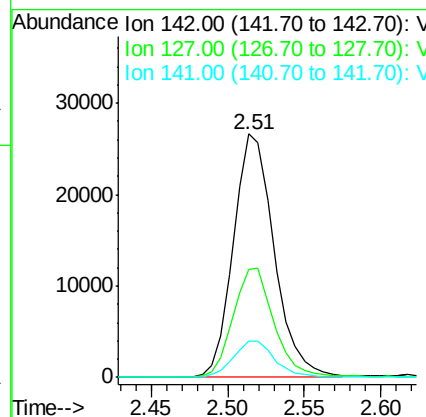
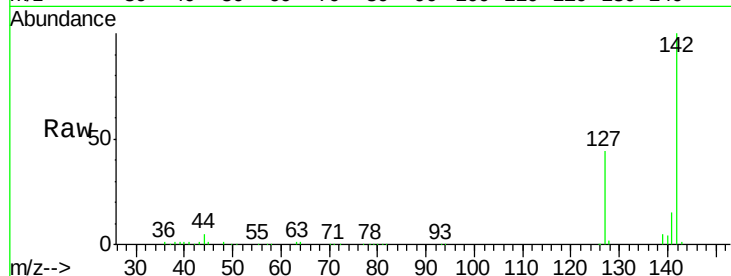
#11
Methyl Iodide
Concen: 18.85 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.0	23.8	71.5
141	14.7	8.2	24.4

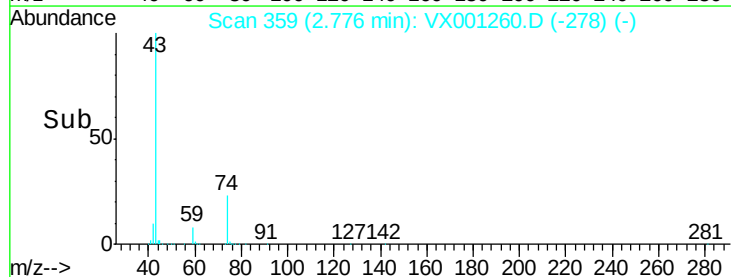
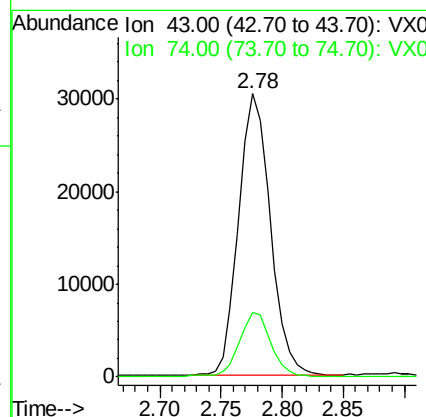
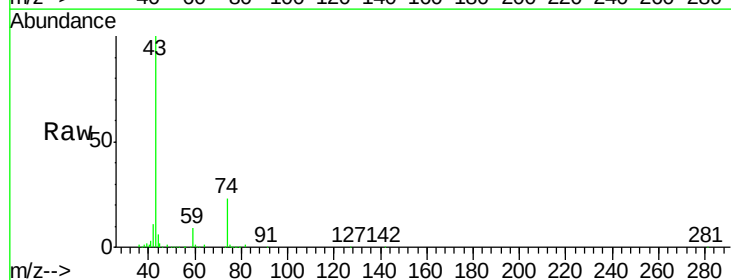
Manual Integrations
APPROVED

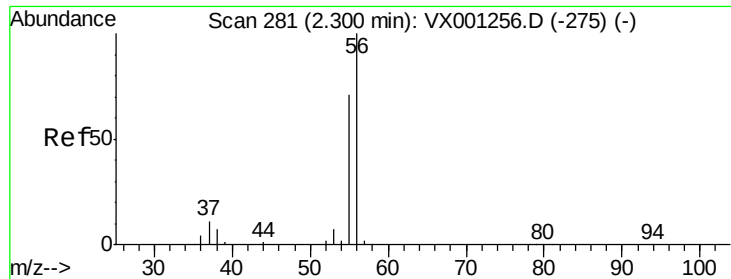
MMDadoda
5/2/2018 11:08:06 AM



#12
Methyl Acetate
Concen: 19.39 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.6	27.8





#13

Acrolein

Concen: 99.28 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043018

Tot Ion: 56 Resp: 33548

Ion Ratio Lower Upper

56 100

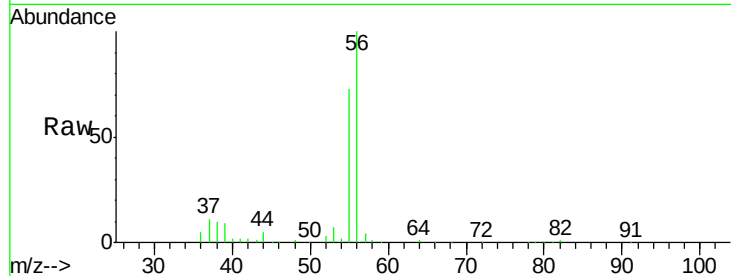
55 73.2 57.3 85.9

Manual Integrations

APPROVED

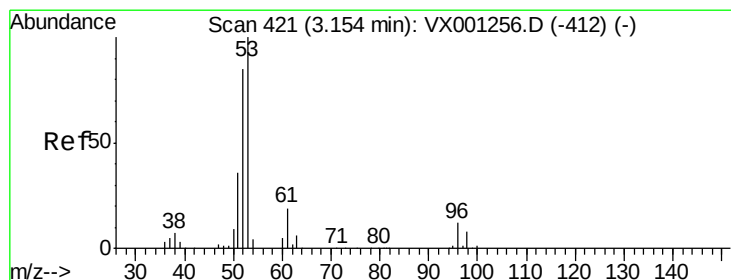
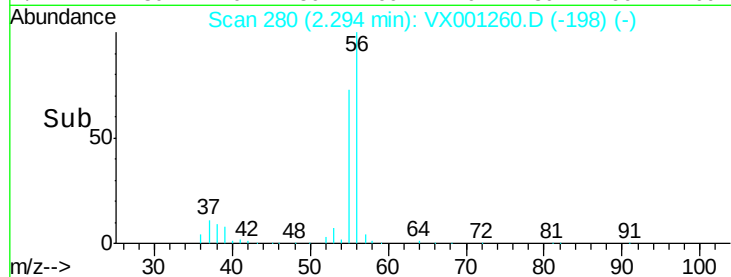
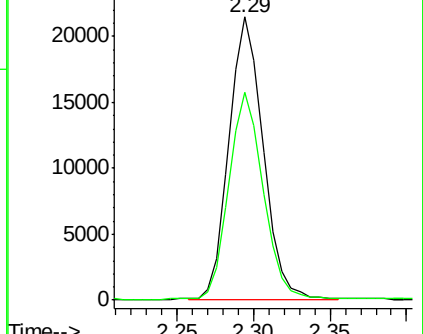
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 95.09 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

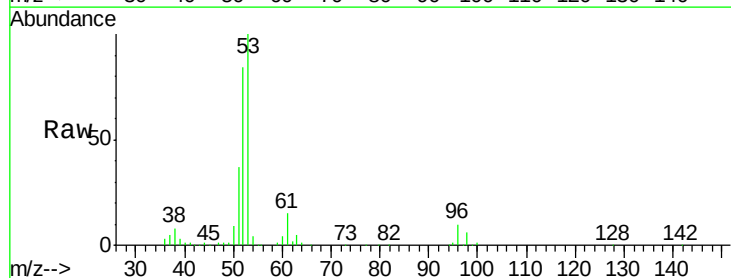
Tgt Ion: 53 Resp: 107234

Ion Ratio Lower Upper

53 100

52 84.0 41.9 125.8

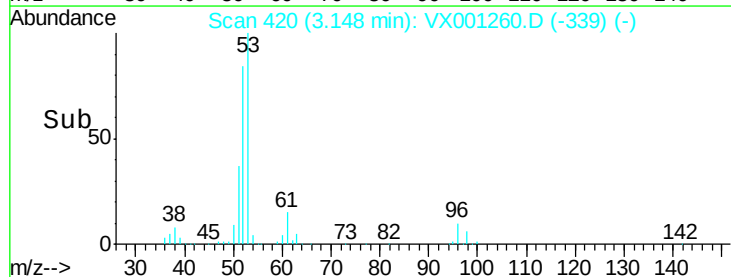
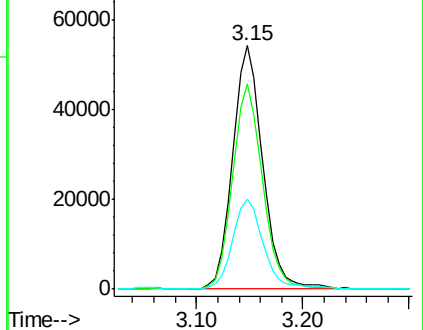
51 38.4 18.8 56.3

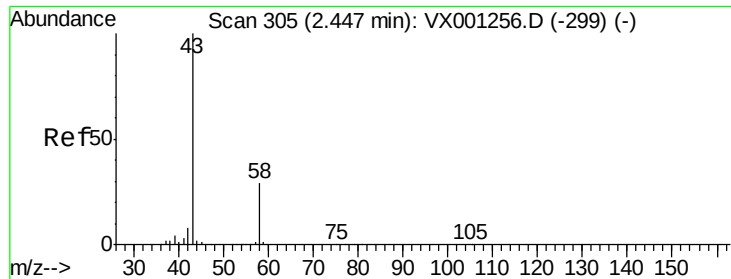


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 94.20 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043018

Tot Ion: 58 Resp: 33053

Ion Ratio Lower Upper

58 100

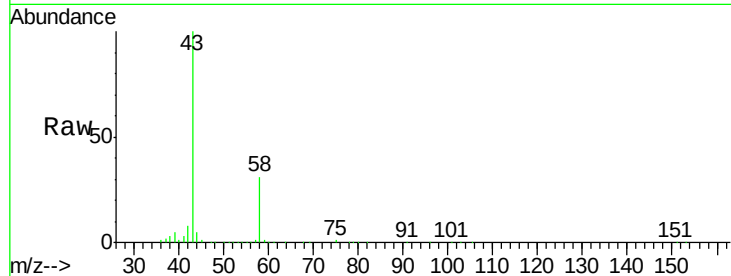
43 319.9 264.6 396.8

Manual Integrations

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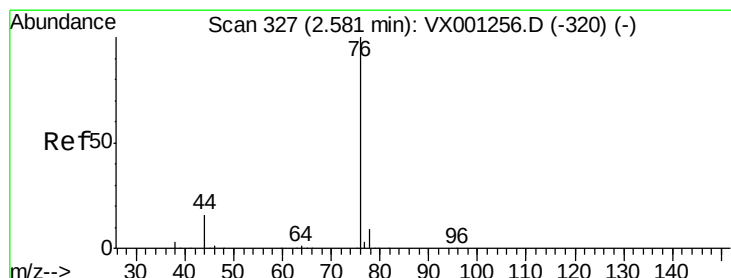
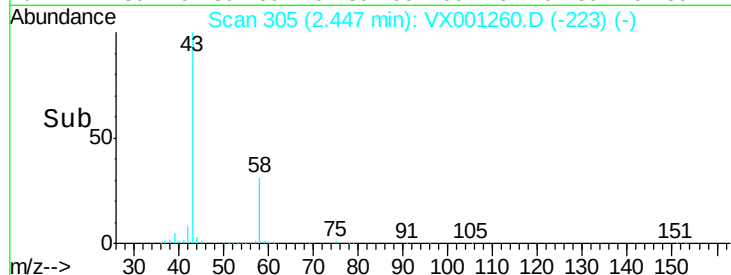
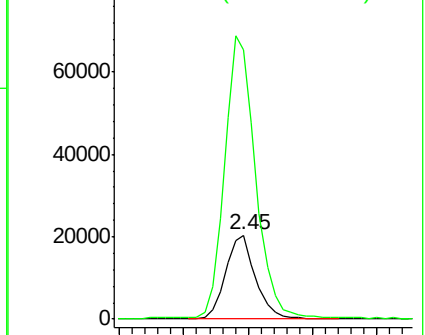
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.99 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001260.D

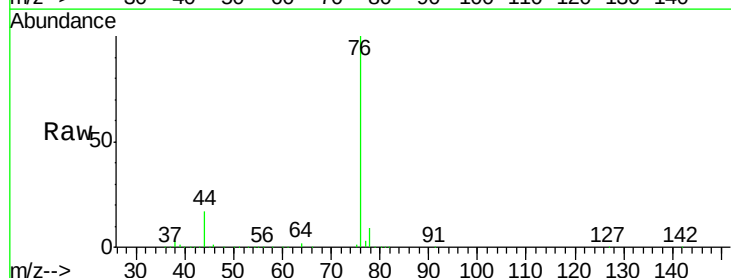
Acq: 30 Apr 2018 17:30

Tgt Ion: 76 Resp: 108820

Ion Ratio Lower Upper

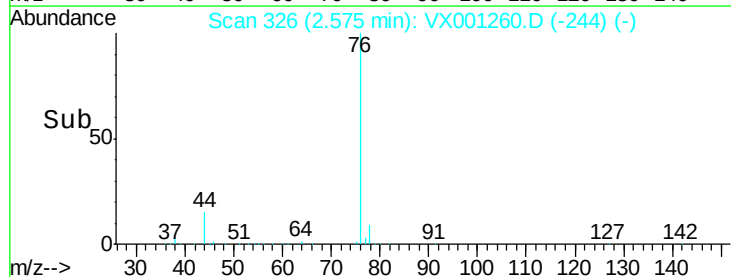
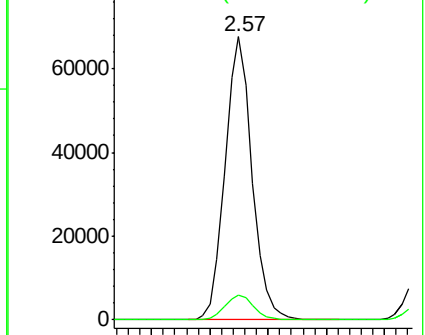
76 100

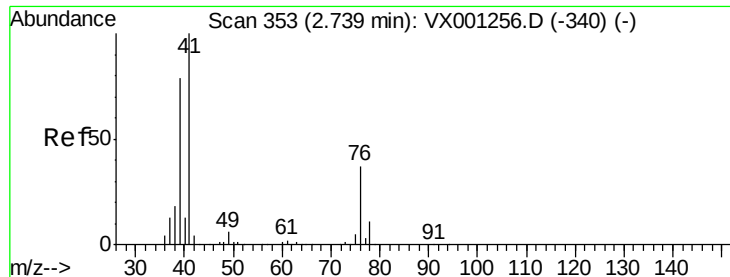
78 8.7 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





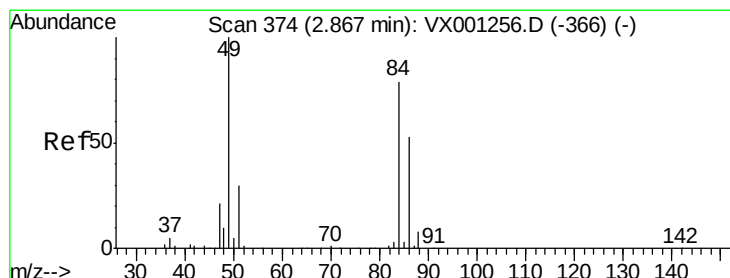
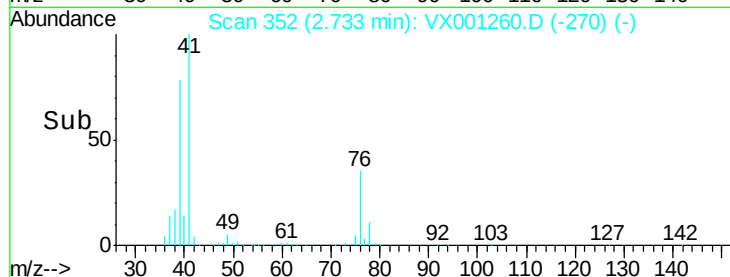
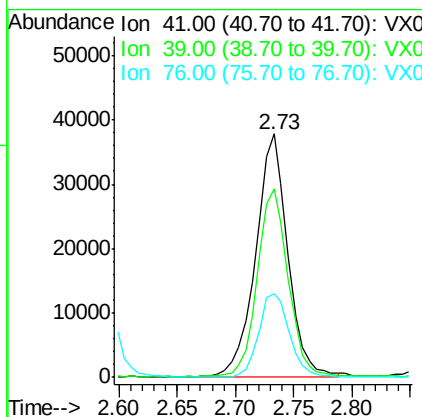
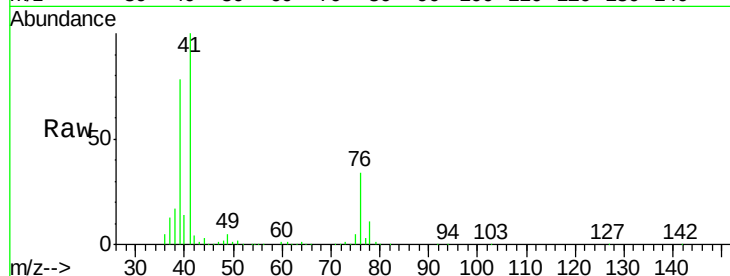
#17
Allvl chloride
Concen: 18.87 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.2	38.5	115.5
76	34.2	18.7	56.1

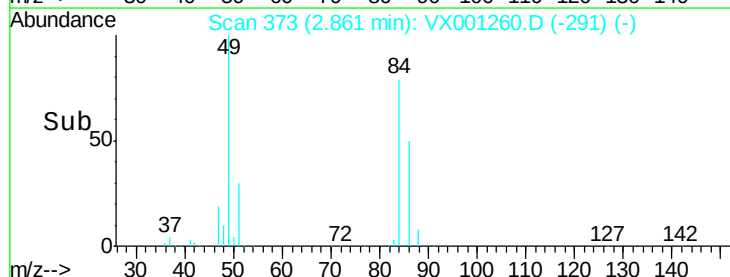
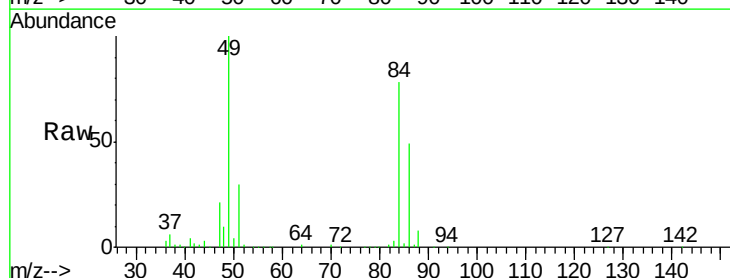
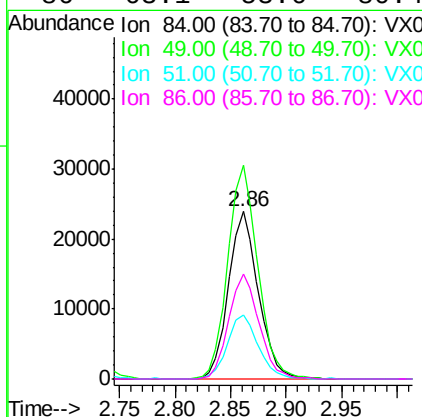
Manual Integrations
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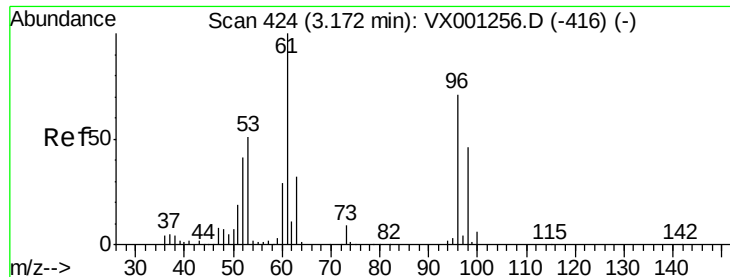
MMDadoda
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#18
Methylene Chloride
Concen: 19.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	103.3	154.9
51	38.2	31.2	46.8
86	63.1	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 19.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043018

Tot Ion: 96 Resp: 44182

Ion Ratio Lower Upper

96 100

61 144.4 101.0 151.6

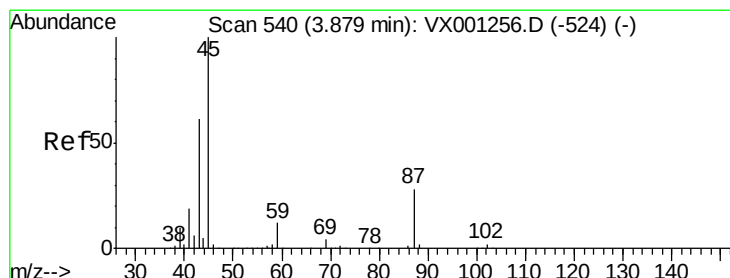
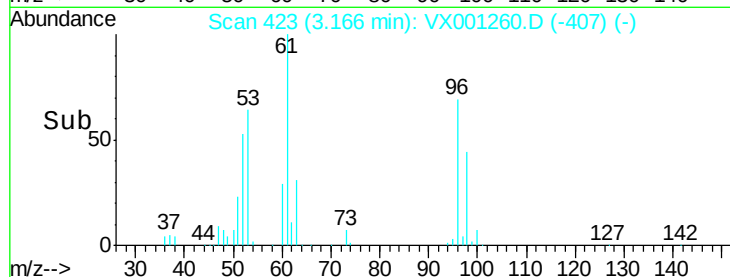
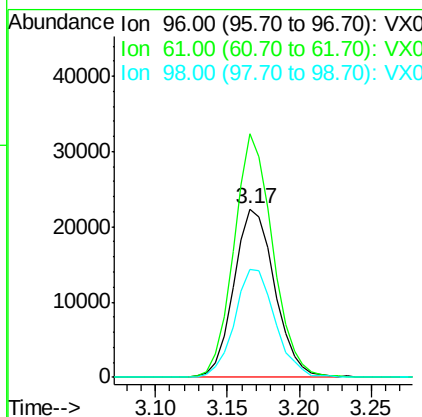
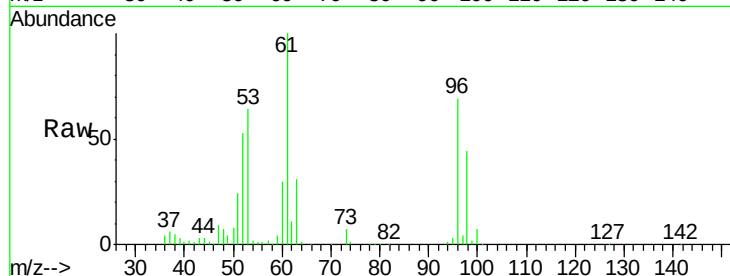
98 64.3 53.3 79.9

Manual Integrations

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#20

Diisopropyl ether

Concen: 18.68 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion: 45 Resp: 140568

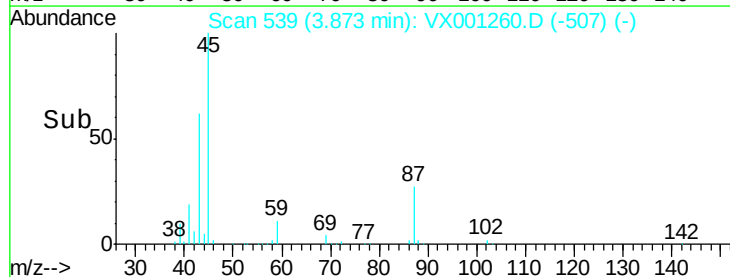
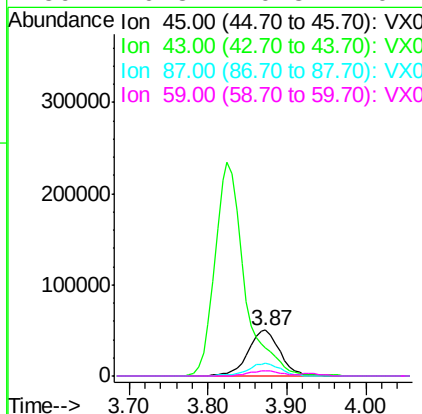
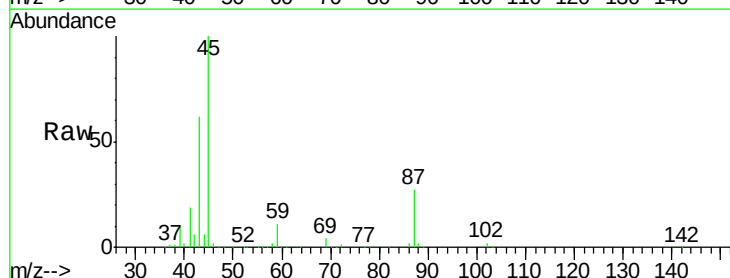
Ion Ratio Lower Upper

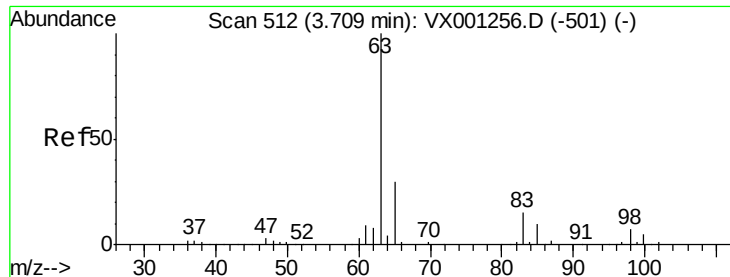
45 100

43 60.5 49.6 74.4

87 27.4 23.1 34.7

59 10.8 10.8 16.2#





#21

1,1-Dichloroethane

Concen: 19.78 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

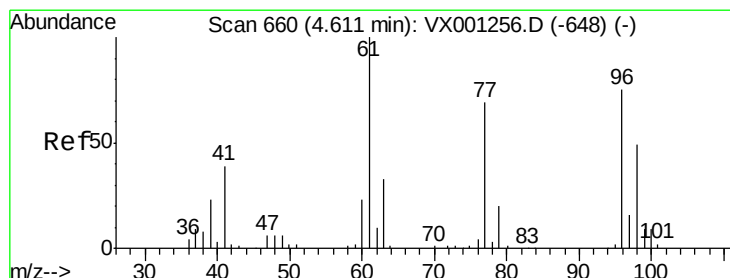
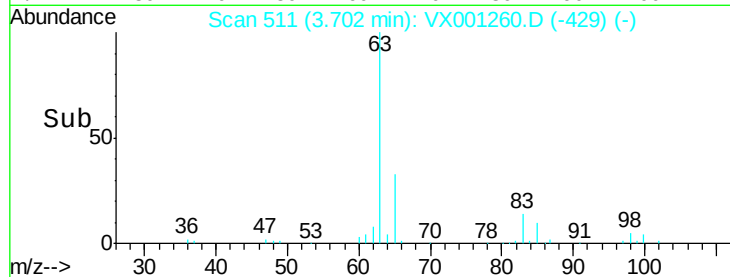
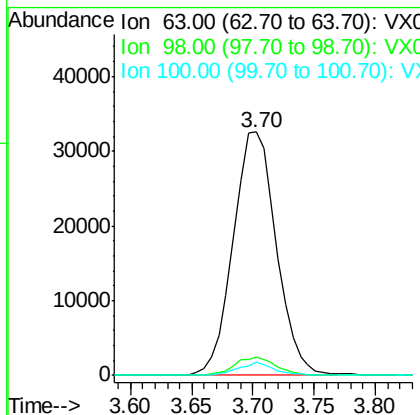
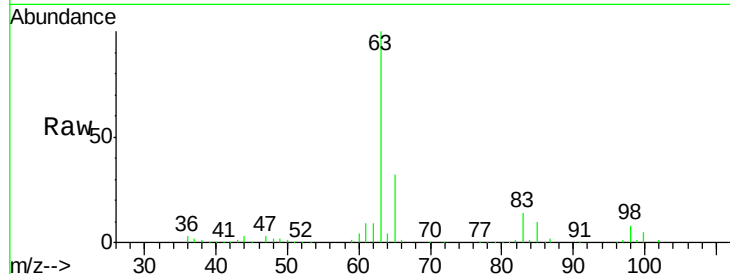
ClientSampled :

ICVVX043018

Tot Ion:	63	Resp:	80015
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.3	9.9
100	5.4	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.16 ug/l

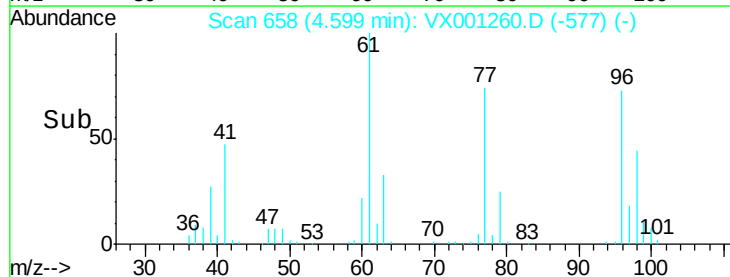
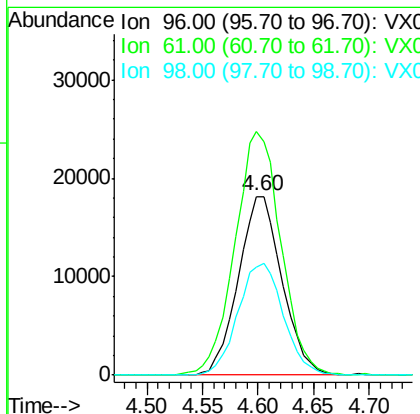
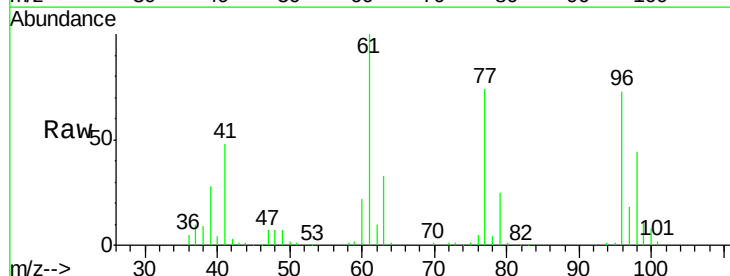
RT: 4.60 min Scan# 658

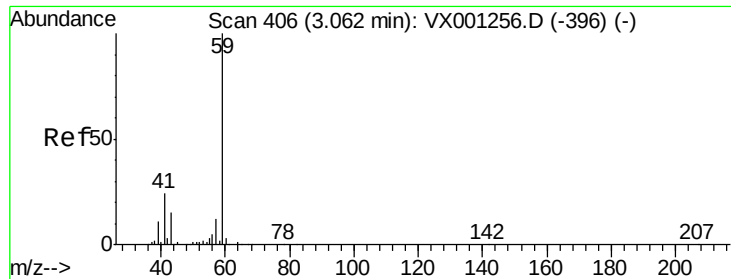
Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	96	Resp:	49701
Ion	Ratio	Lower	Upper
96	100		
61	143.0	113.5	170.3
98	65.0	51.8	77.8





#23

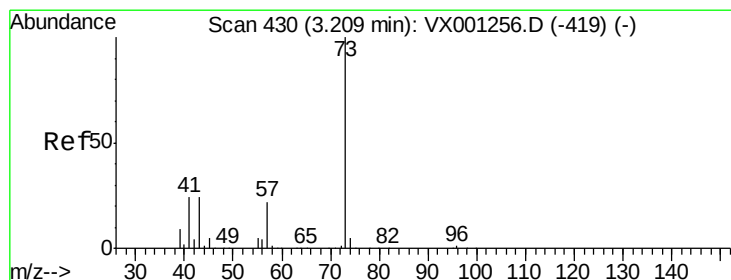
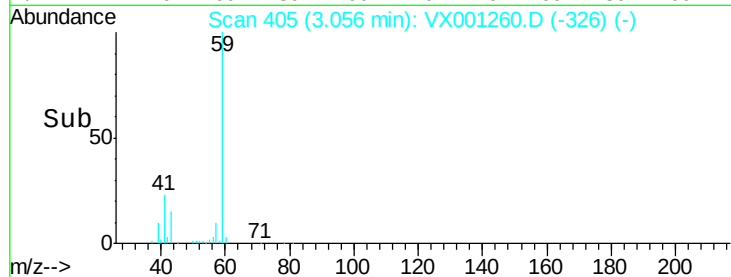
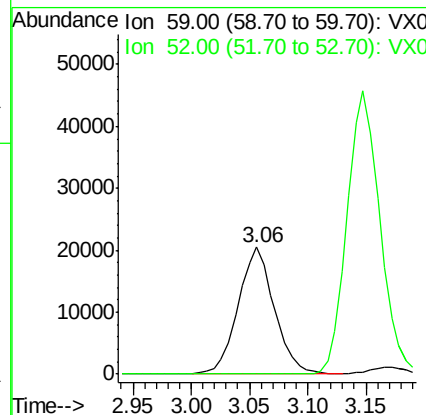
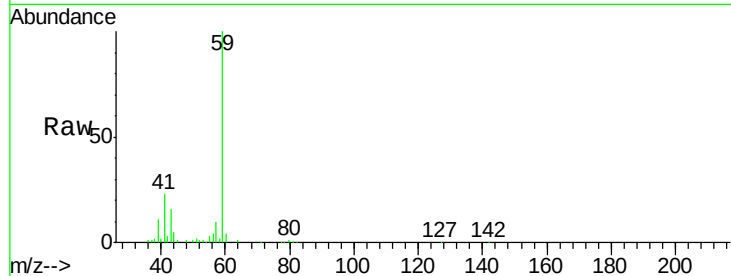
tert-Butyl Alcohol
 Concen: 96.25 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX043018

Tot Ion	59	52	Ratio	100	0.6	Resp:	44358	Lower	0.1	Upper	0.1#

Manual Integrations
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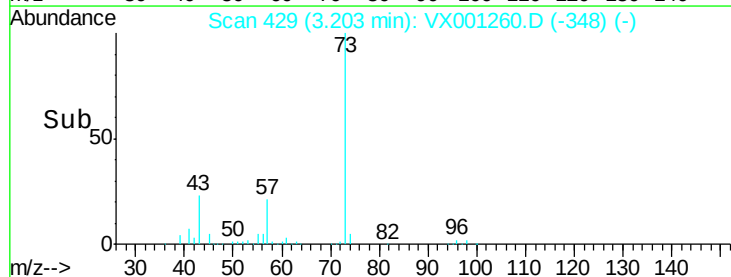
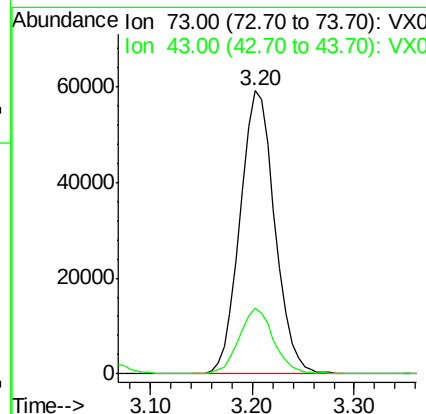
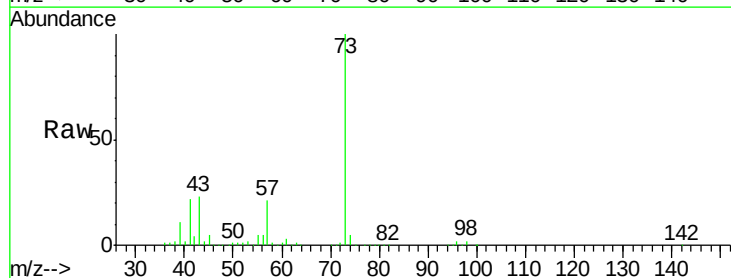
MMDadoda
 5/2/2018 11:08:06 AM

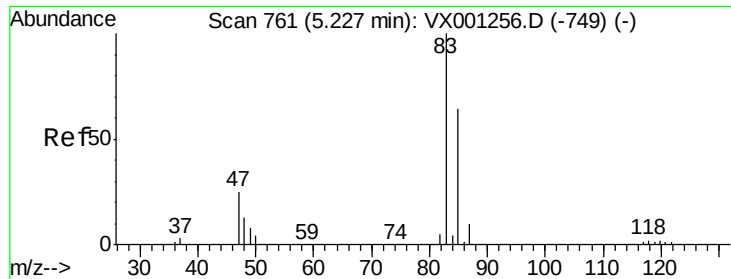


#24

Methyl tert-Butyl Ether
 Concen: 18.87 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	73	43	Ratio	100	22.8	Resp:	139465	Lower	16.5	Upper	24.7





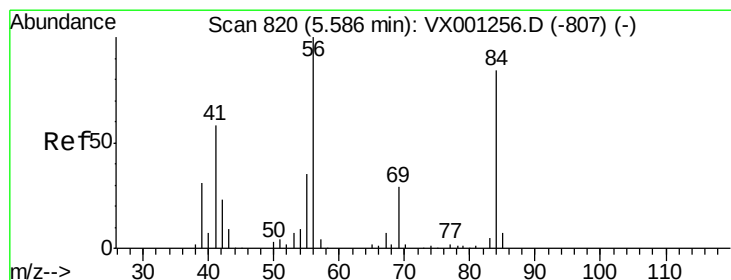
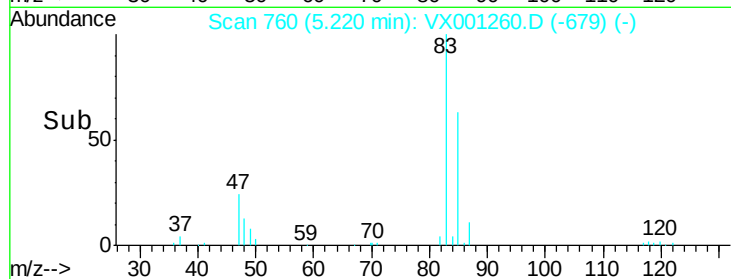
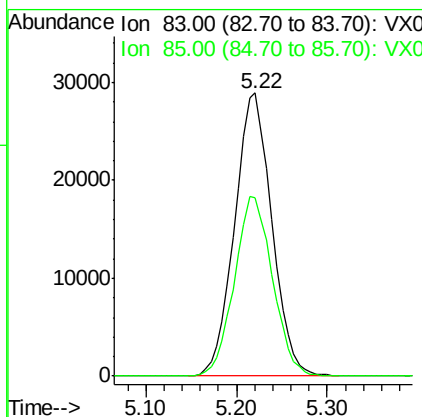
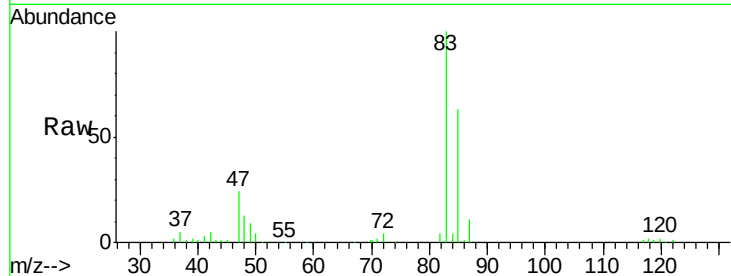
#25
Chloroform
Concen: 18.74 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	83	Resp	82511
Ion Ratio	100	Lower	Upper
85	63.1	52.5	78.7

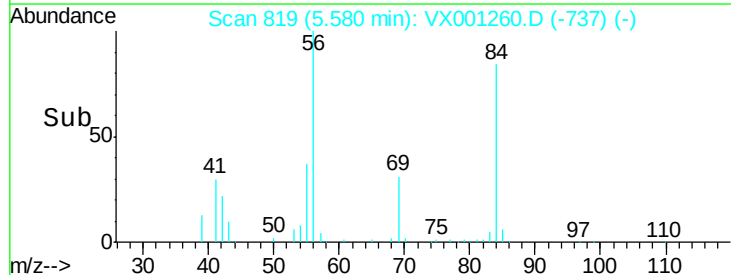
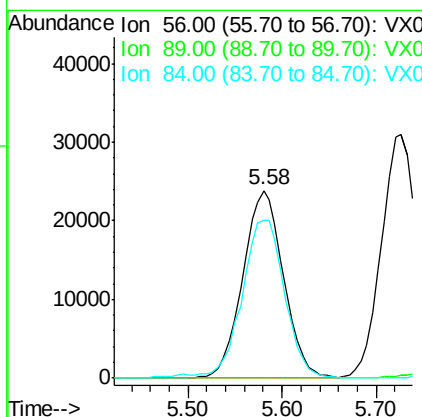
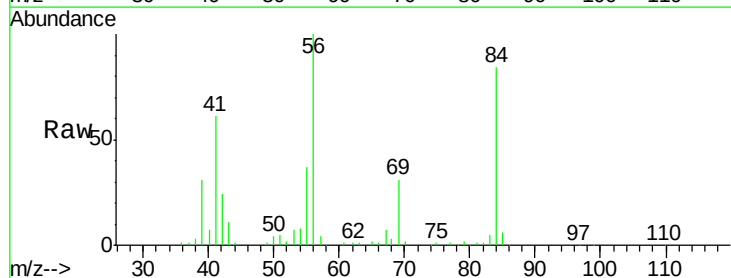
Manual Integrations
APPROVED

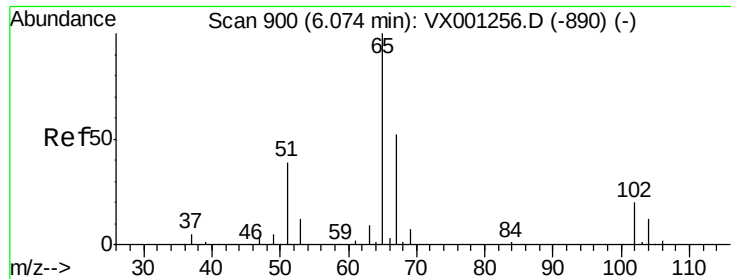
MMDadoda
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#26
Cyclohexane
Concen: 19.54 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	56	Resp	71850
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	88.6	74.8	112.2





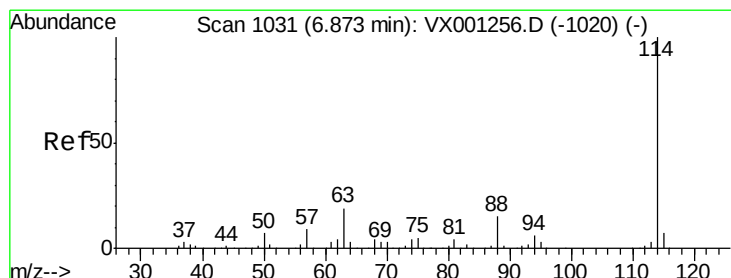
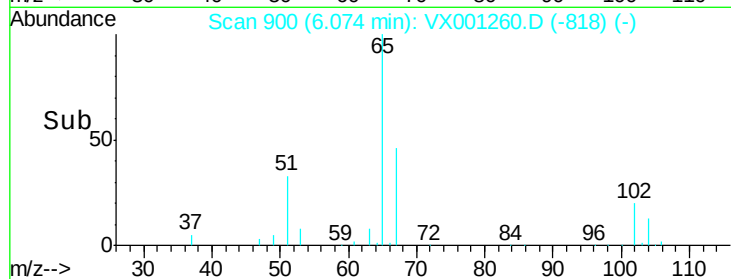
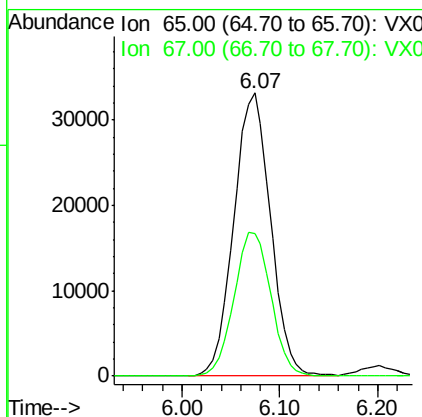
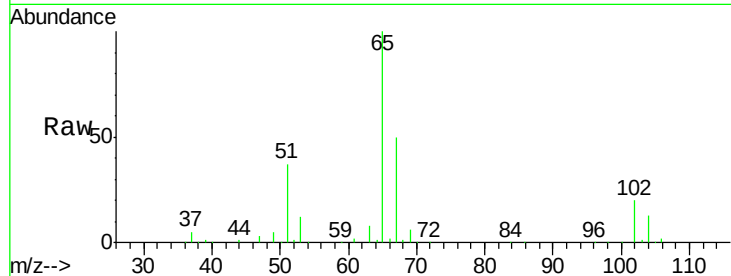
#27
 1,2-Dichloroethane-d4
 Concen: 30.43 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.1	41.4	62.2

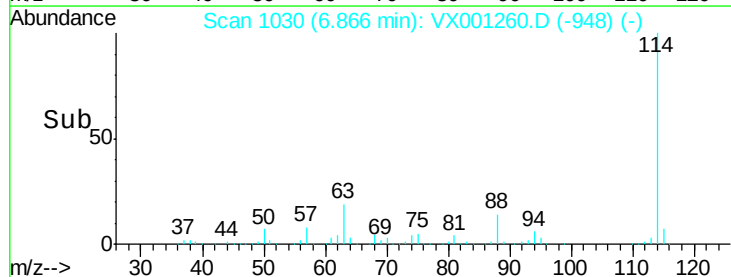
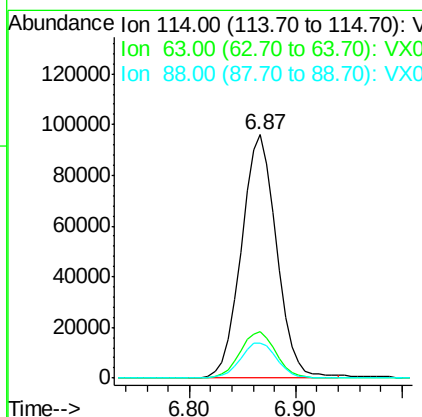
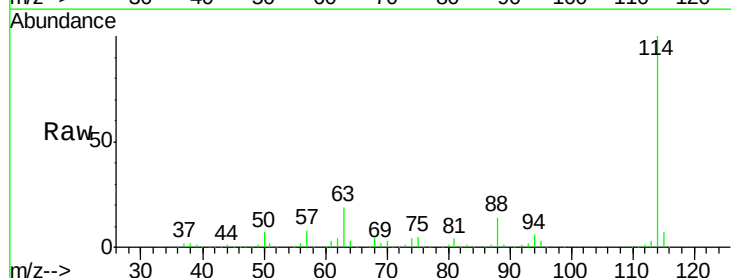
Manual Integrations
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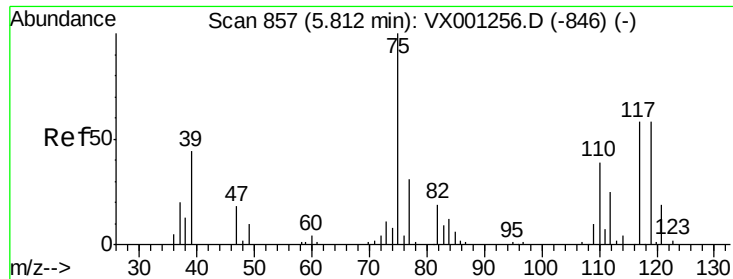
MMDadoda
 5/2/2018 11:08:06 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	15.0	22.4
88	15.1	11.8	17.8





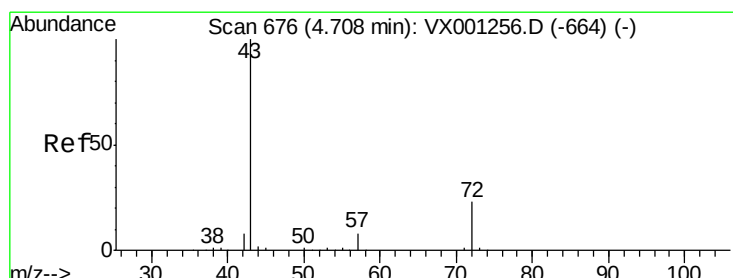
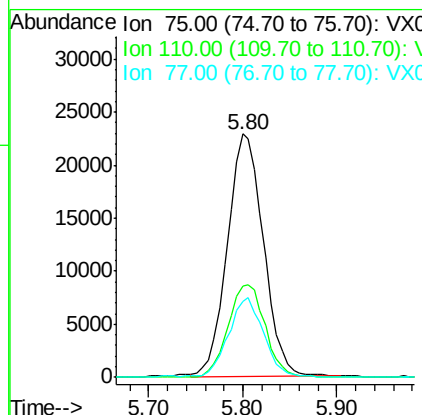
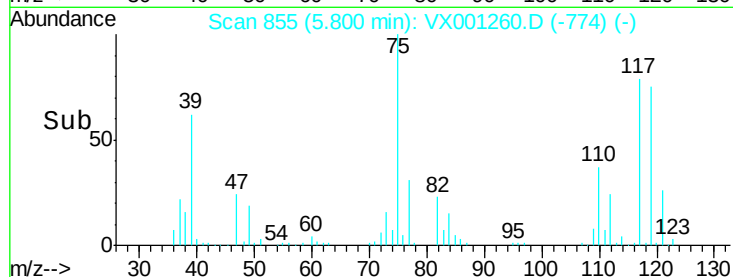
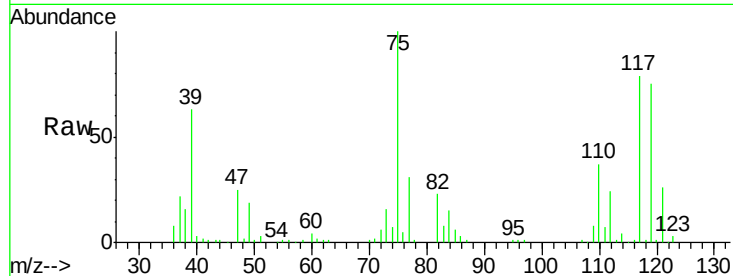
#29
 1,1-Dichloropropene
 Concen: 18.45 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.3	0.0	75.6
77	32.0	0.0	62.6

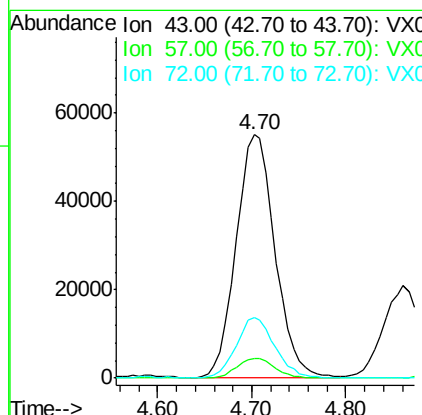
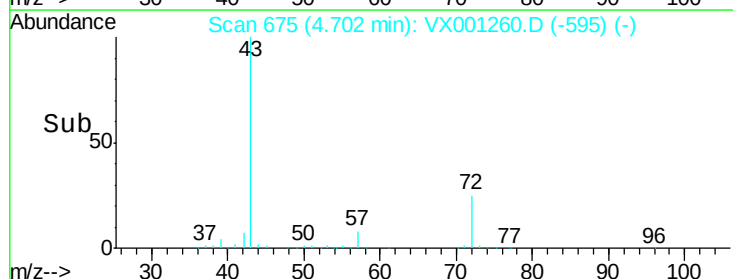
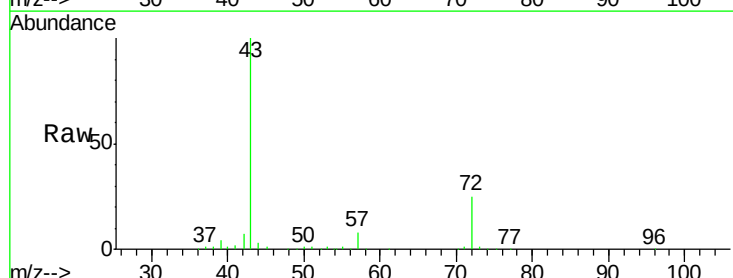
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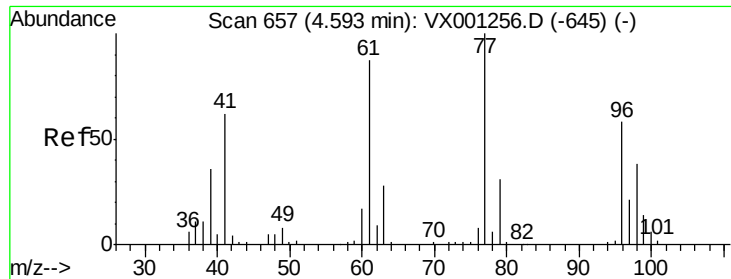
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#30
 2-Butanone
 Concen: 93.32 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	10.0
72	24.8	21.8	32.6





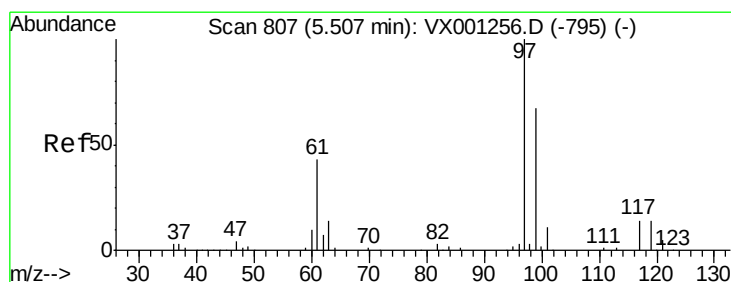
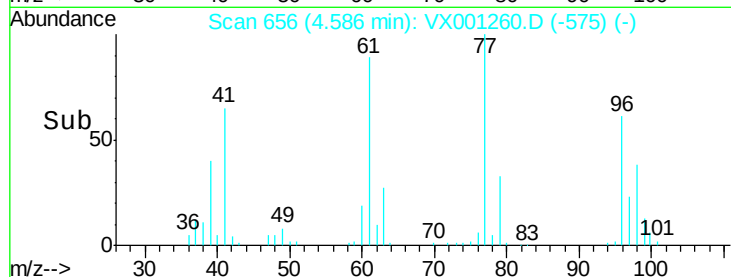
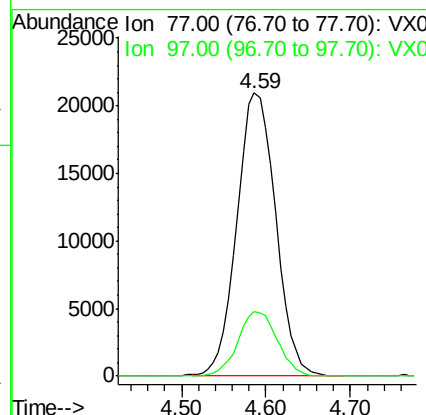
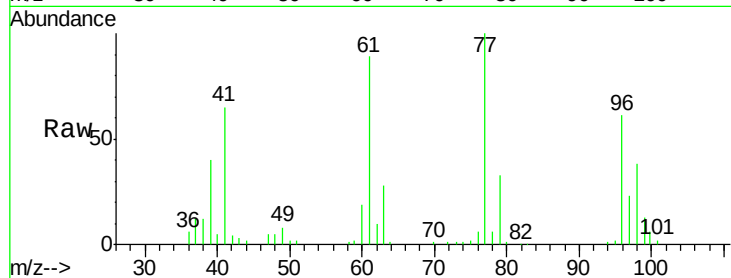
#31
 2,2-Dichloropropane
 Concen: 18.10 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion: 77 Resp: 65427
 Ion Ratio Lower Upper
 77 100
 97 23.1 18.6 27.8

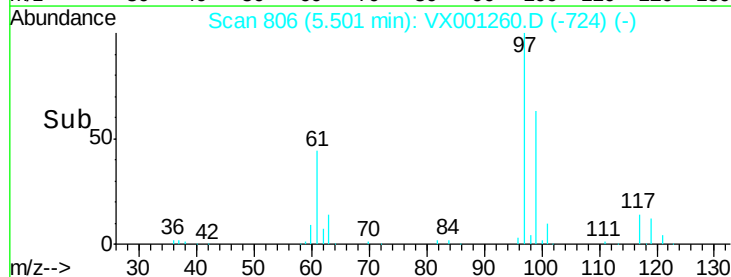
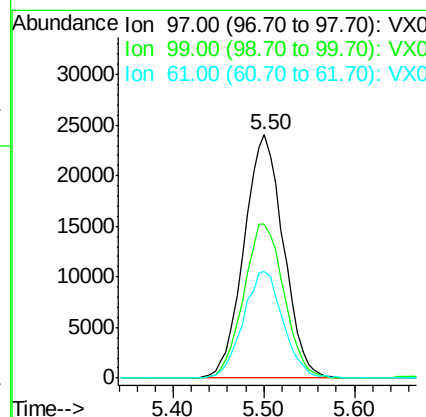
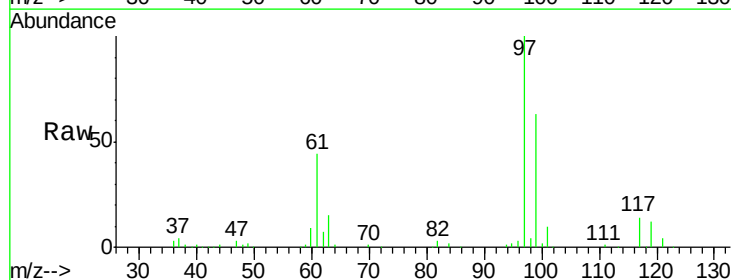
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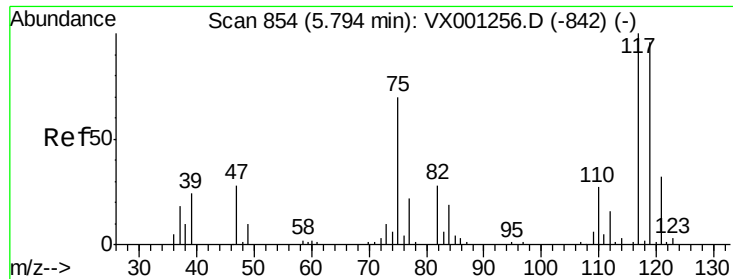
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#32
 1,1,1-Trichloroethane
 Concen: 18.09 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion: 97 Resp: 72489
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.3 78.5
 61 44.0 34.3 51.5





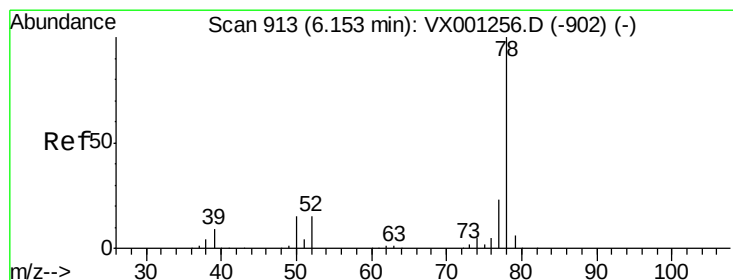
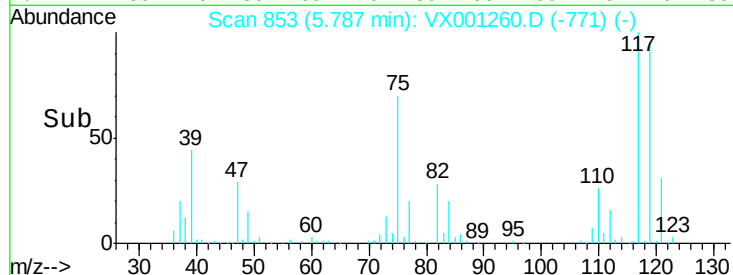
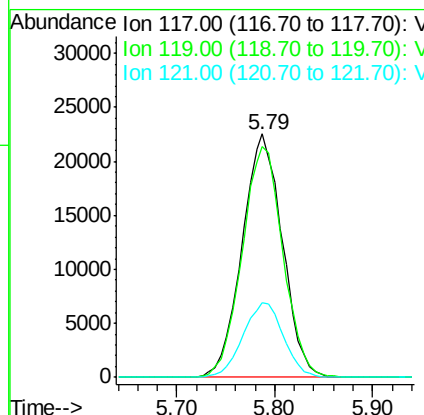
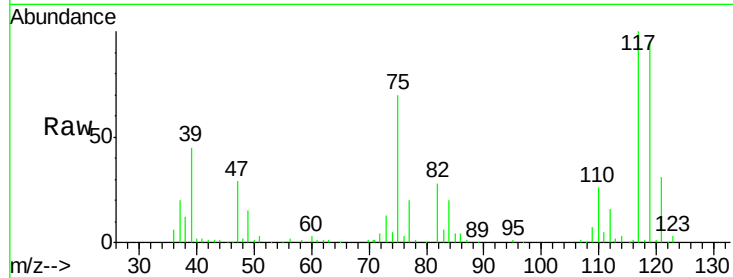
#33
Carbon Tetrachloride
Concen: 17.77 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.5	110.3
121	30.6	24.6	37.0

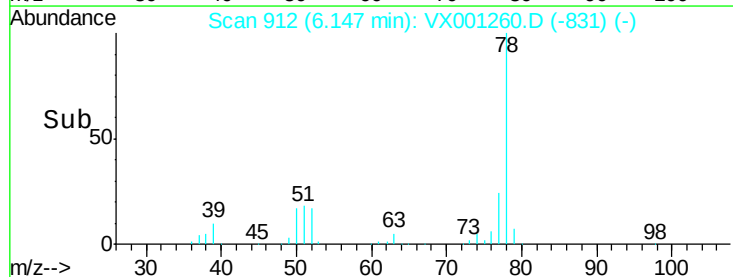
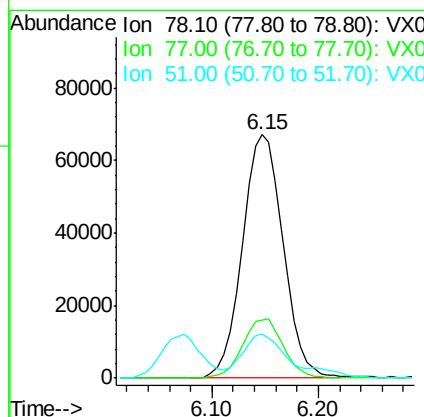
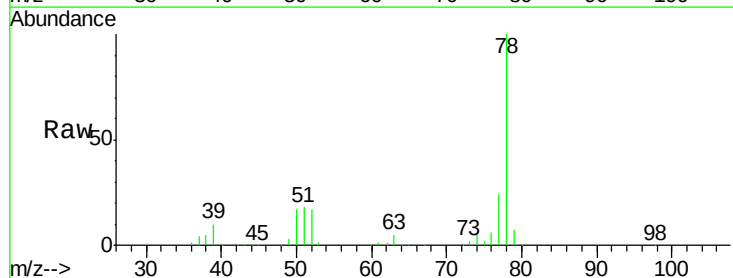
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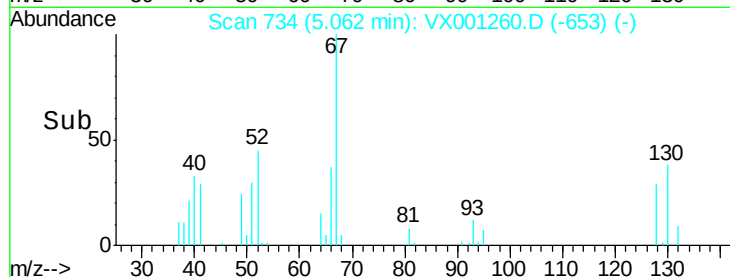
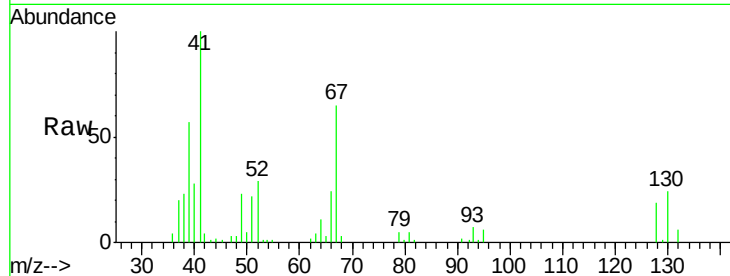
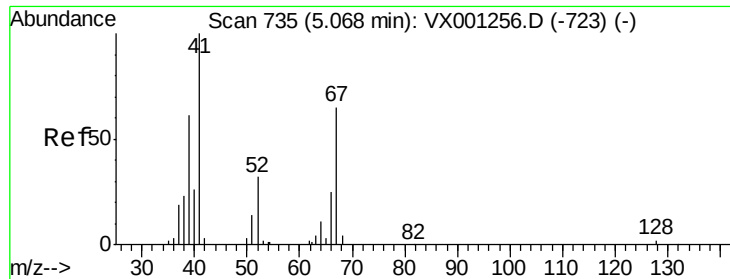
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#34
Benzene
Concen: 18.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	21.7	32.5
51	15.6	14.9	22.3





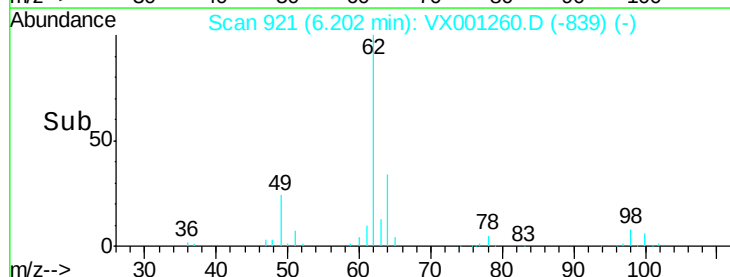
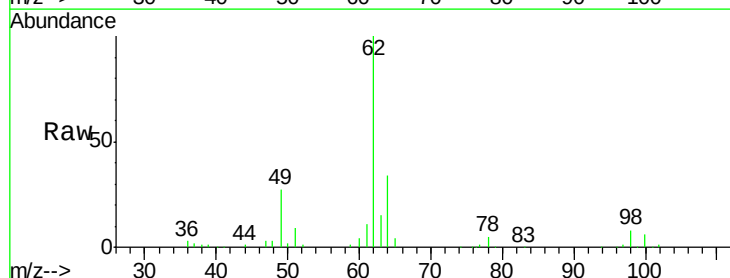
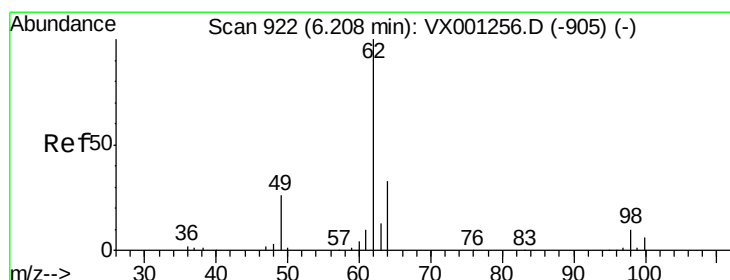
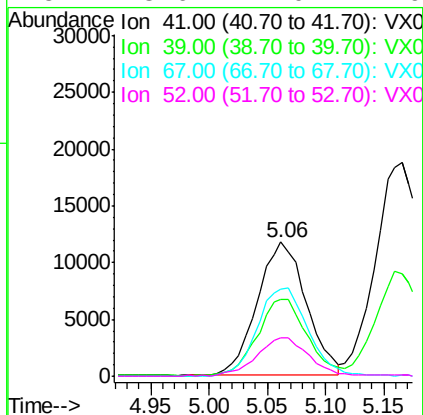
#35
Methacrylonitrile
Concen: 18.22 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tot Ion	41	Resp	34317
Ion Ratio	Lower	Upper	
41	100		
39	56.8	29.8	89.3
67	65.3	28.7	86.3
52	28.6	14.0	41.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

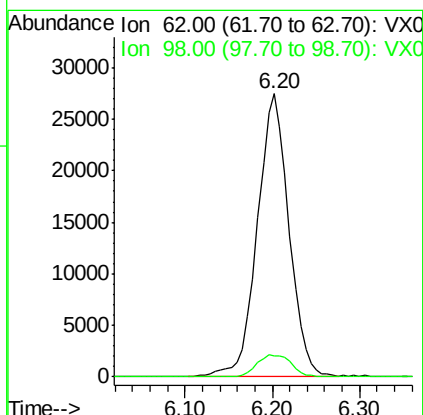
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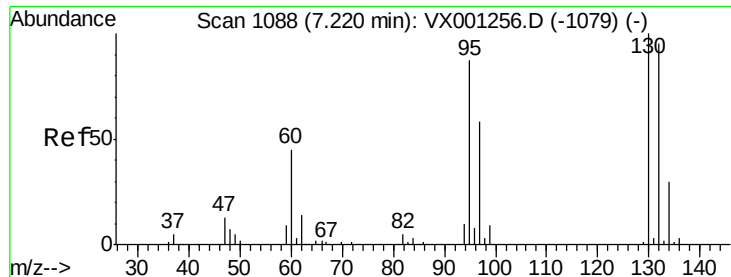
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#36
1,2-Dichloroethane
Concen: 18.36 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	62	Resp	69143
Ion Ratio	Lower	Upper	
62	100		
98	8.6	6.9	10.3





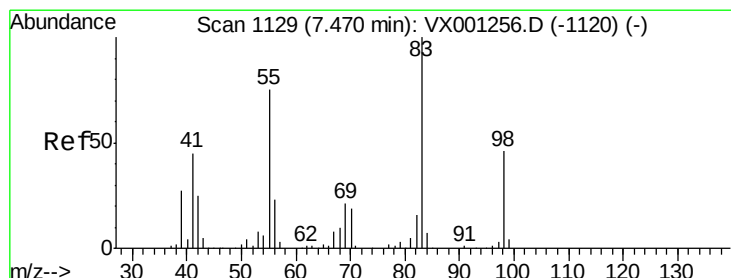
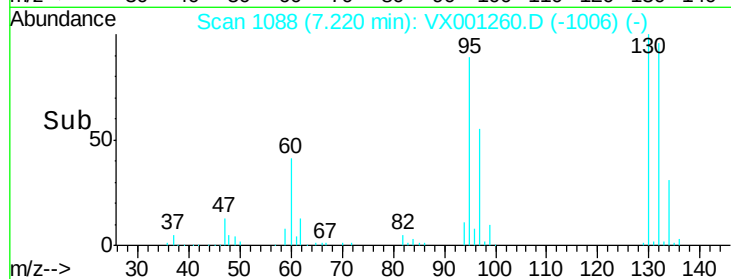
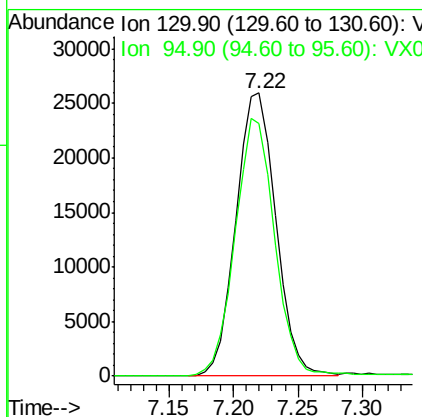
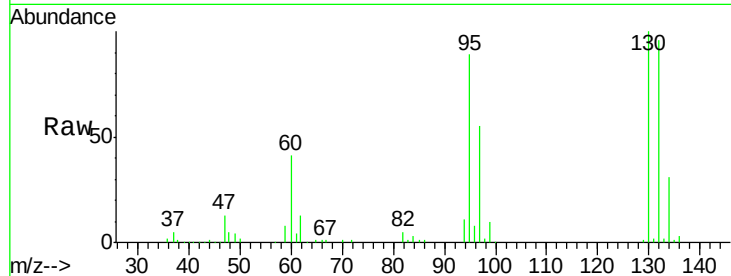
#37
 Trichloroethene
 Concen: 18.79 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion:130 Resp: 55903
 Ion Ratio Lower Upper
 130 100
 95 89.1 74.6 112.0

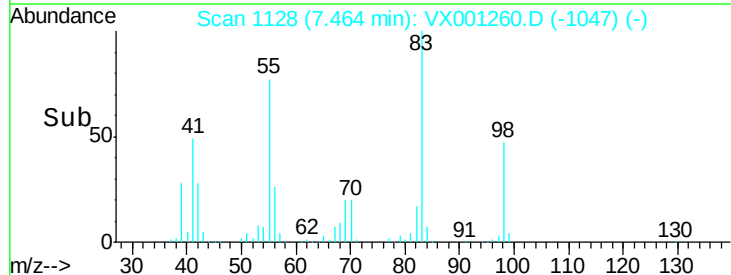
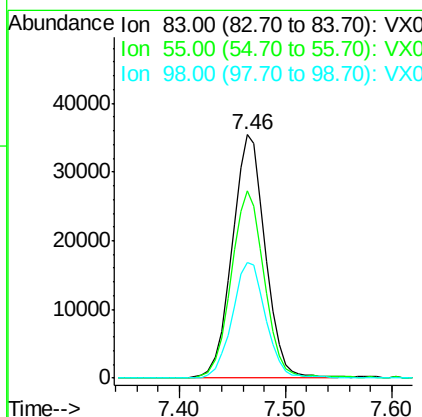
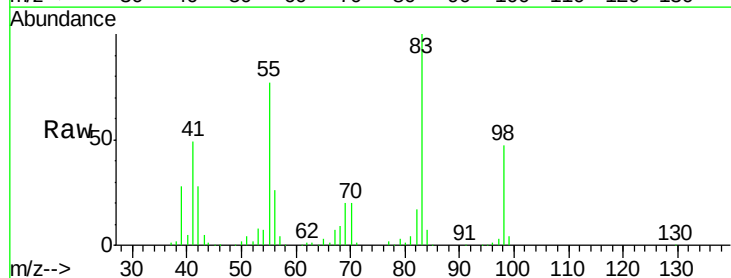
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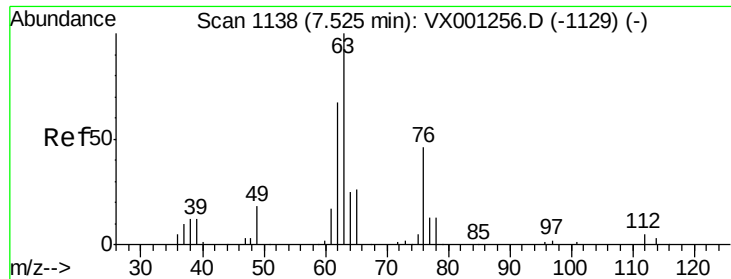
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#38
 Methylcyclohexane
 Concen: 19.80 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion: 83 Resp: 77171
 Ion Ratio Lower Upper
 83 100
 55 76.4 35.9 107.7
 98 48.4 24.6 74.0





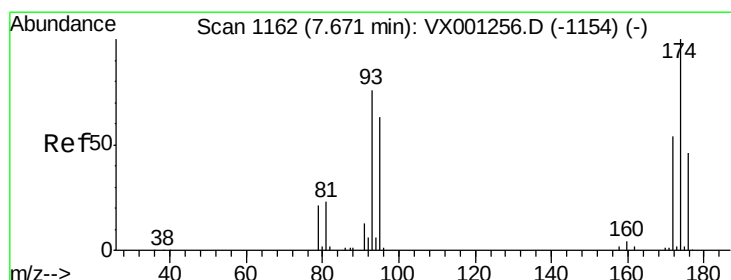
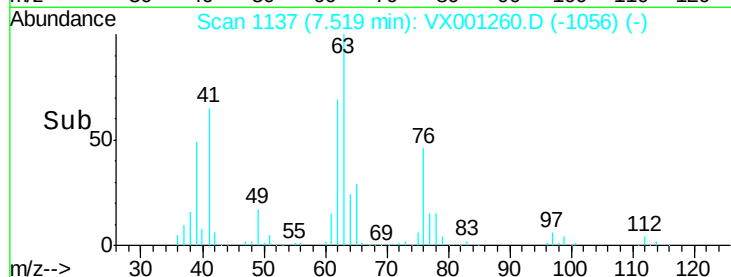
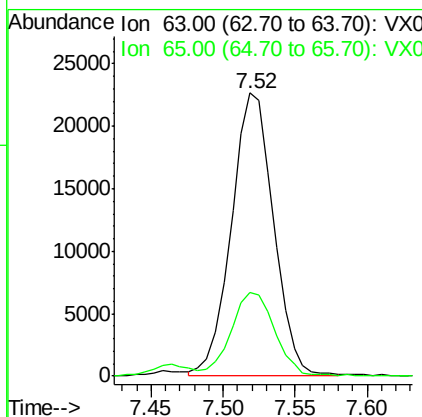
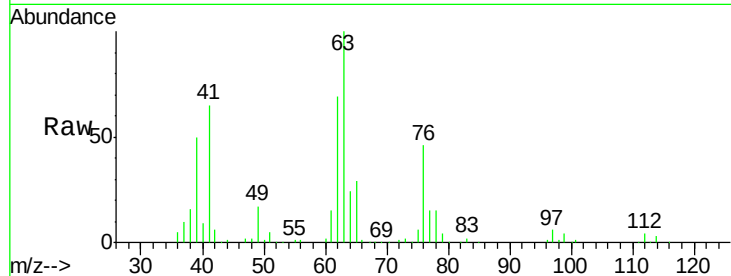
#39
 1,2-Dichloropropane
 Concen: 18.59 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion: 63 Resp: 46257
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6

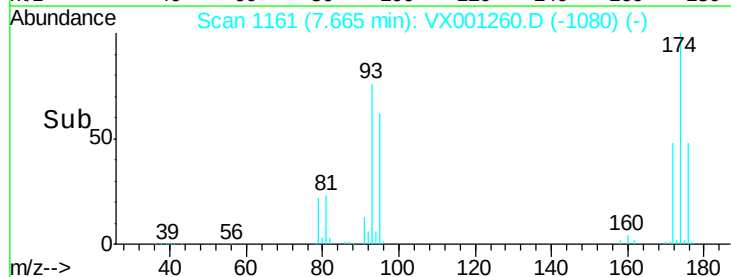
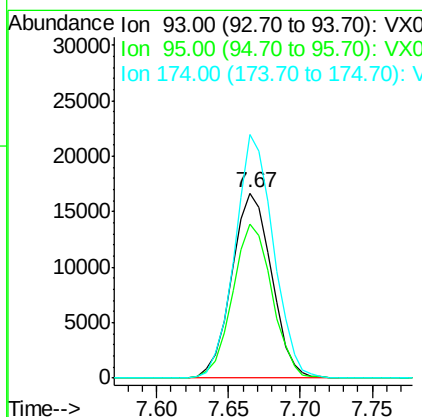
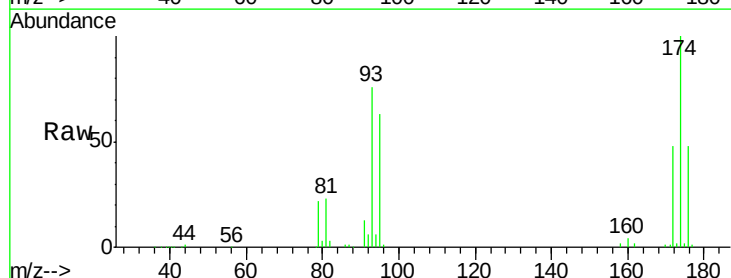
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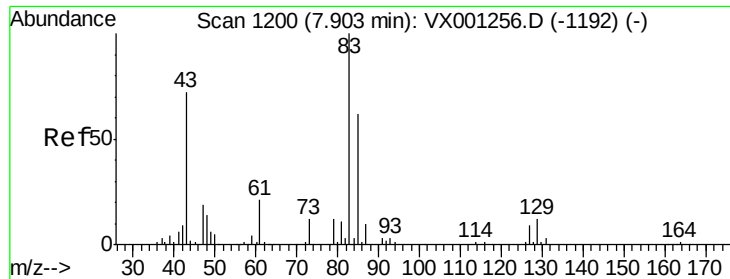
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#40
 Dibromomethane
 Concen: 18.36 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion: 93 Resp: 32141
 Ion Ratio Lower Upper
 93 100
 95 82.3 0.0 170.6
 174 127.0 0.0 210.4





#41

Bromodichloromethane

Concen: 17.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

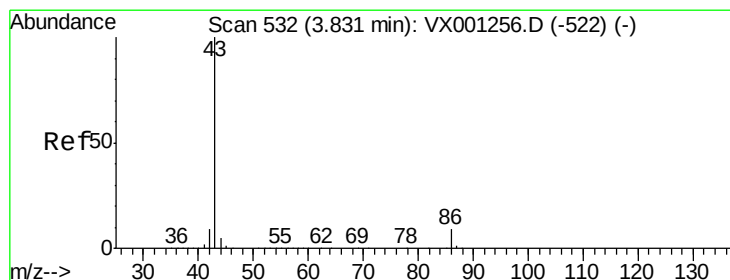
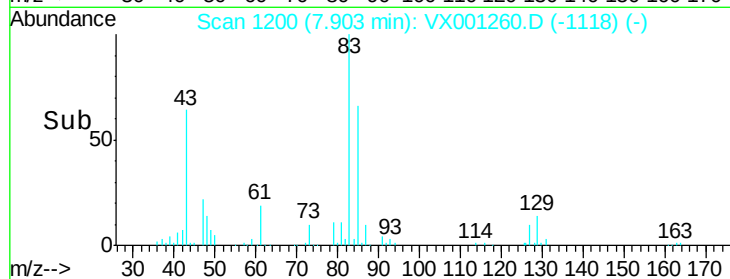
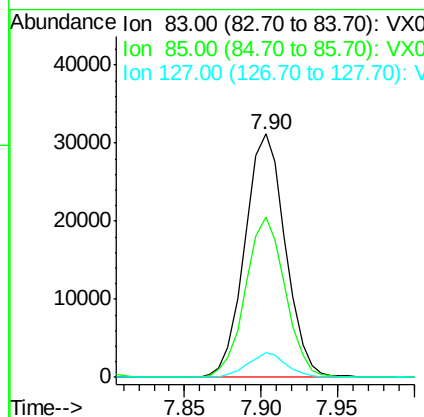
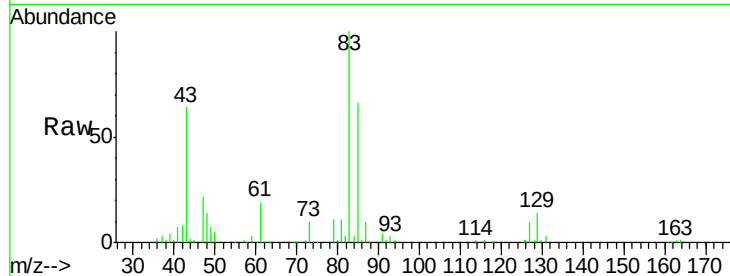
ClientSampleId :

ICVVX043018

Tot Ion:	83	Resp:	57352
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.0	75.0
127	10.0	6.6	10.0

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#42

Vinyl Acetate

Concen: 91.47 ug/l

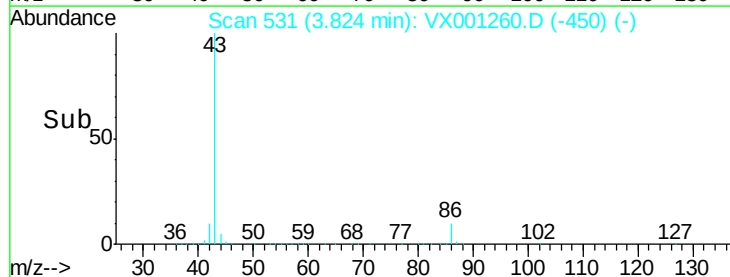
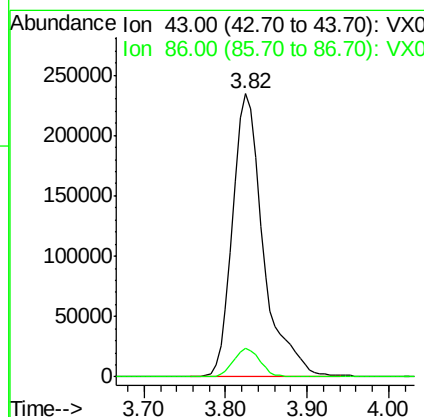
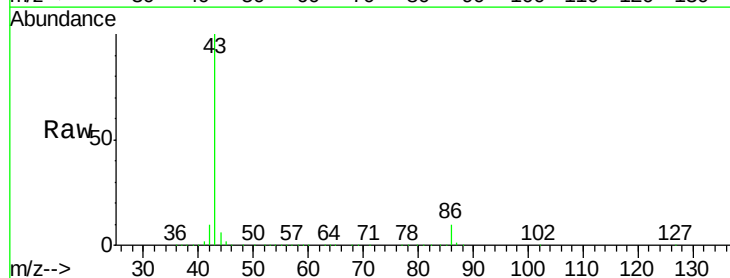
RT: 3.82 min Scan# 531

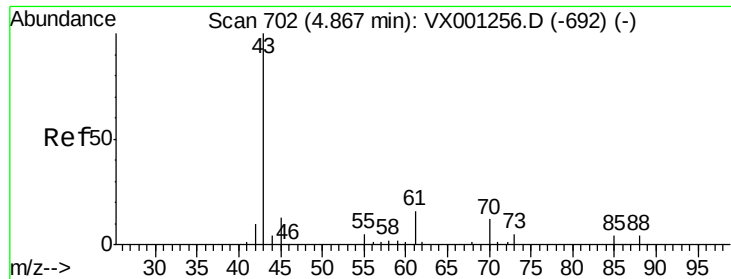
Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	43	Resp:	610576
Ion	Ratio	Lower	Upper
43	100		
86	8.7	7.8	11.6





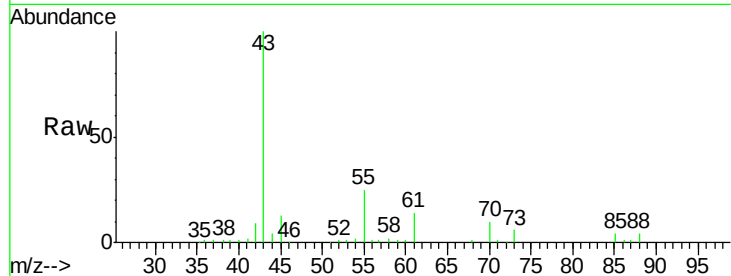
#43
Ethyl Acetate
Concen: 18.65 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

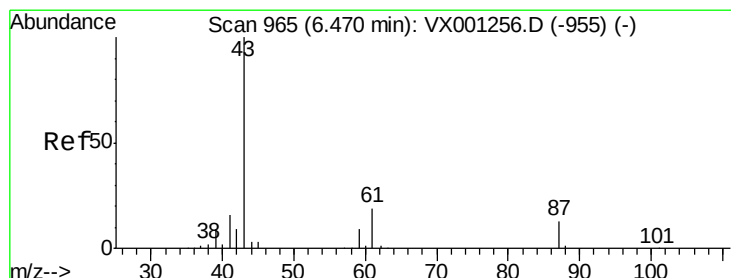
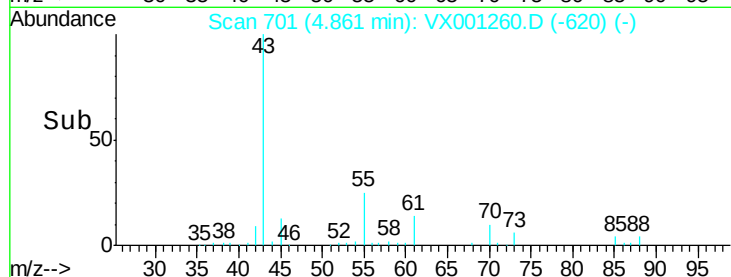
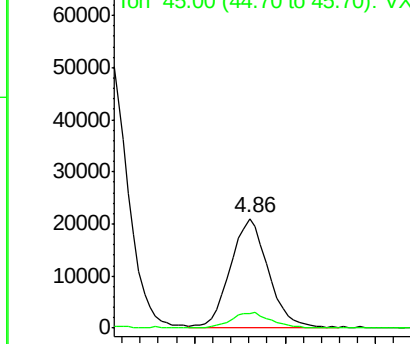
Tot Ion: 43 Resp: 60949
Ion Ratio Lower Upper
43 100
45 14.9 11.4 17.0

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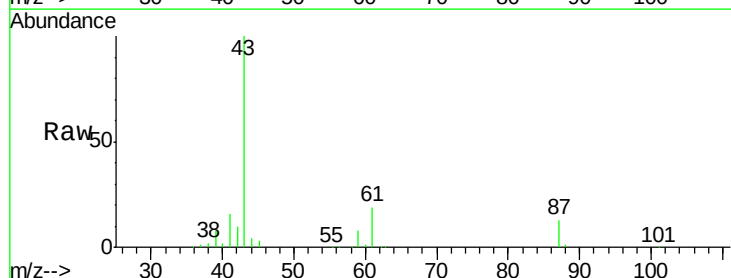


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

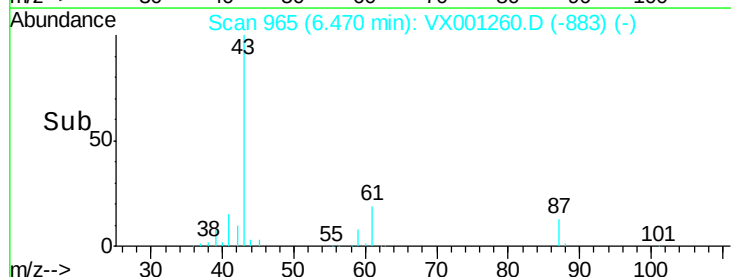
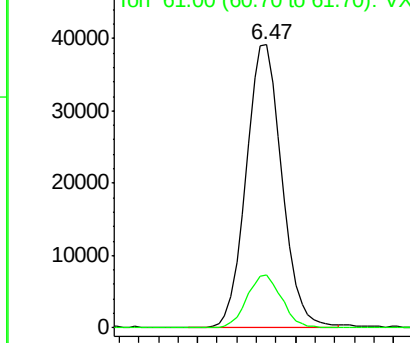


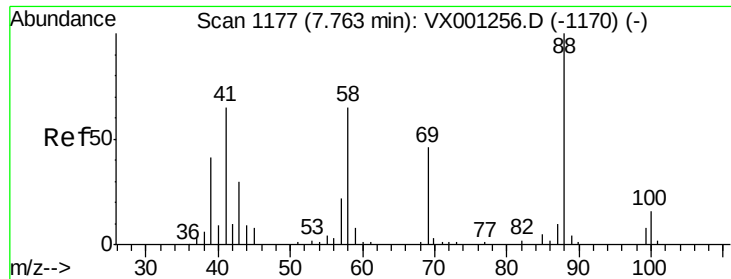
#44
Isopropyl Acetate
Concen: 18.00 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion: 43 Resp: 100115
Ion Ratio Lower Upper
43 100
61 18.2 15.7 23.5



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





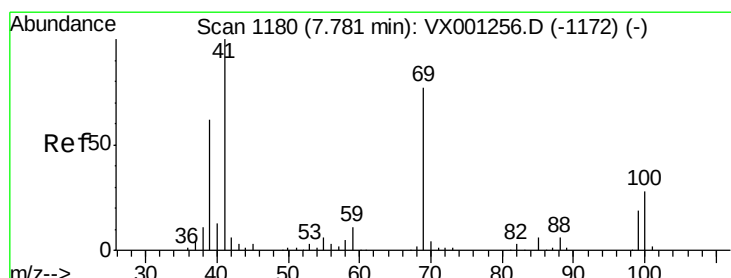
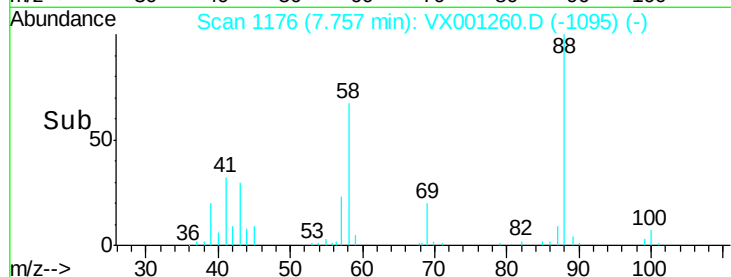
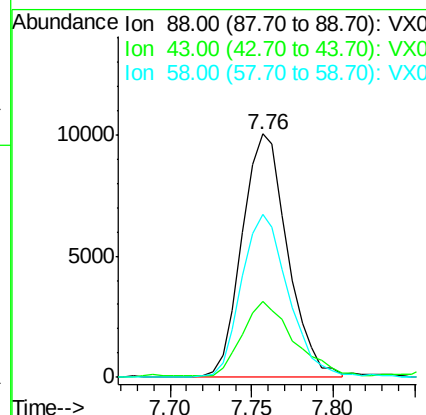
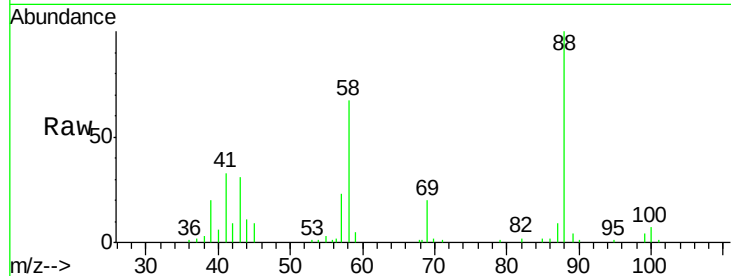
#45
1,4-Dioxane
Concen: 387.14 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.5	26.8	40.2	
58	68.4	52.1	78.1	

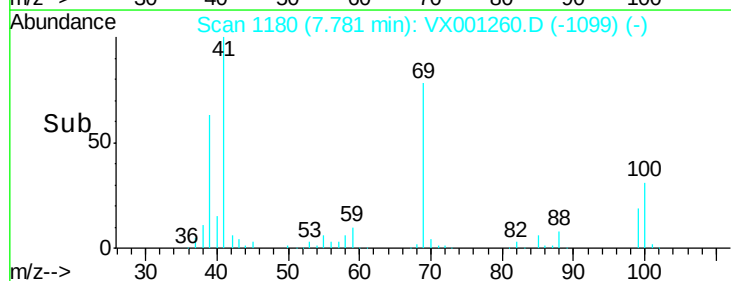
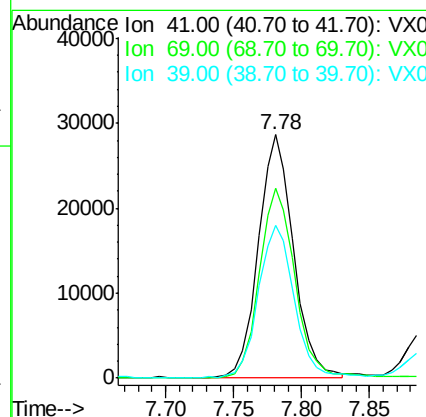
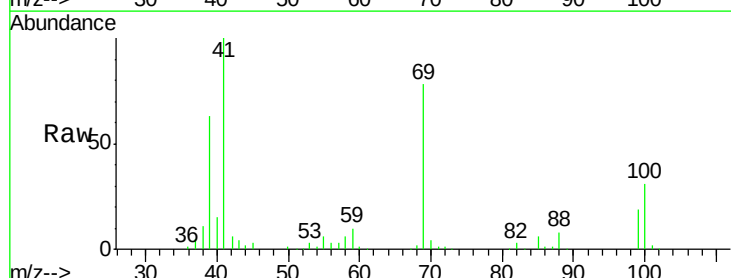
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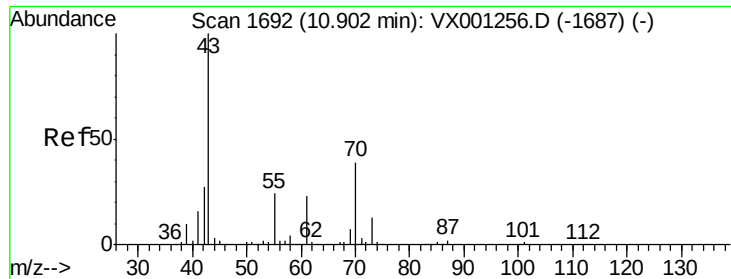
MMDadoda
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#46
Methyl methacrylate
Concen: 17.80 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	78.2	45.5	136.5	
39	62.5	32.5	97.5	





#47

n-amvl Acetate

Concen: 17.17 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043018

Tot Ion: 43 Resp: 91624

Ion Ratio Lower Upper

43 100

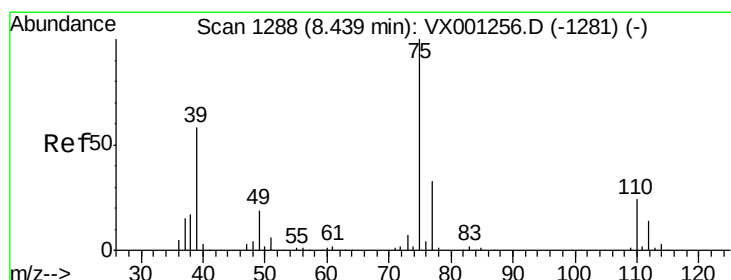
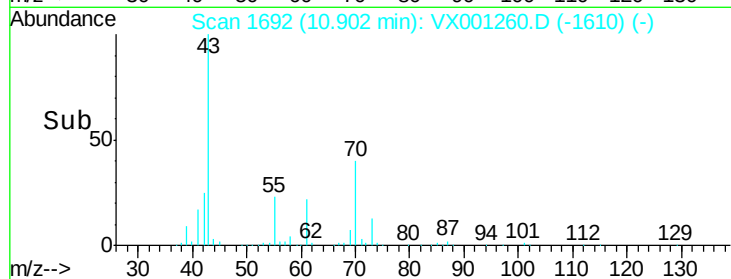
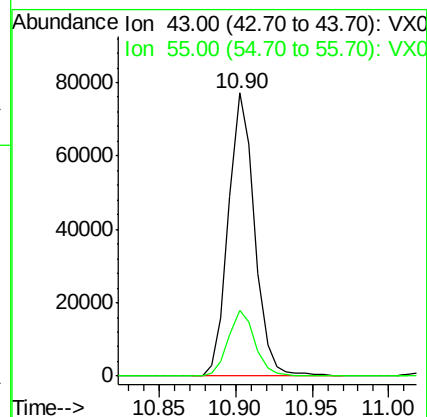
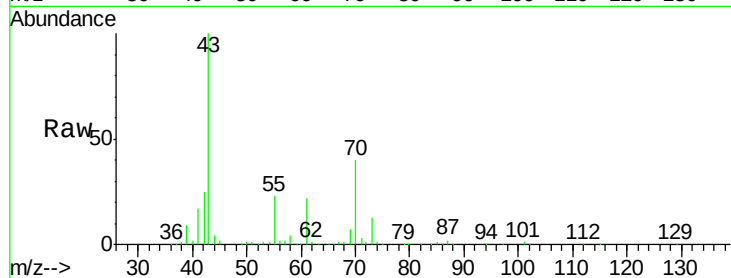
55 23.5 19.4 29.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.87 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001260.D

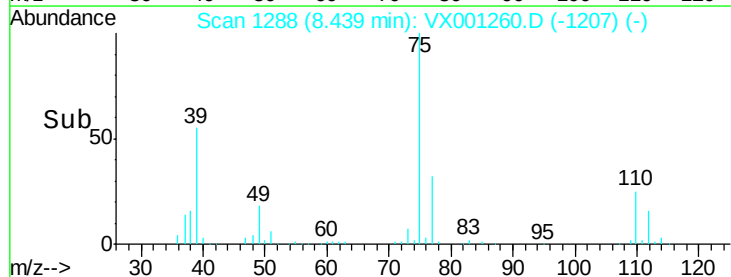
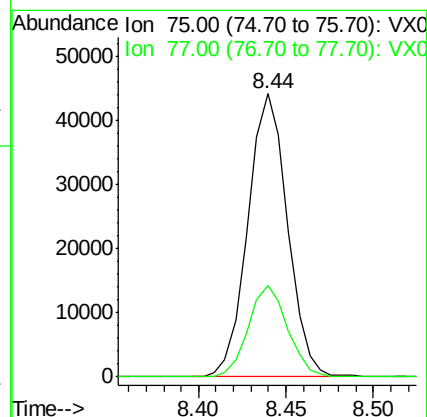
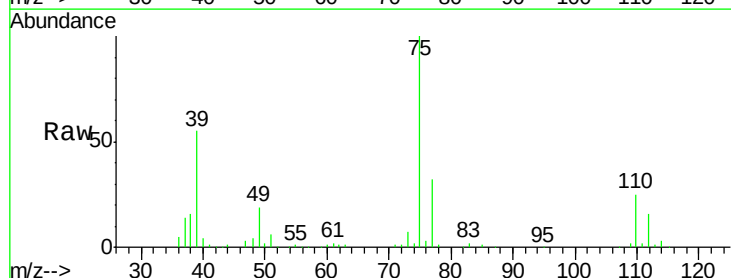
Acq: 30 Apr 2018 17:30

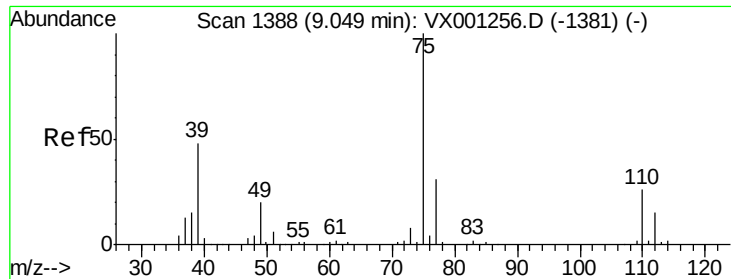
Tgt Ion: 75 Resp: 69580

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0





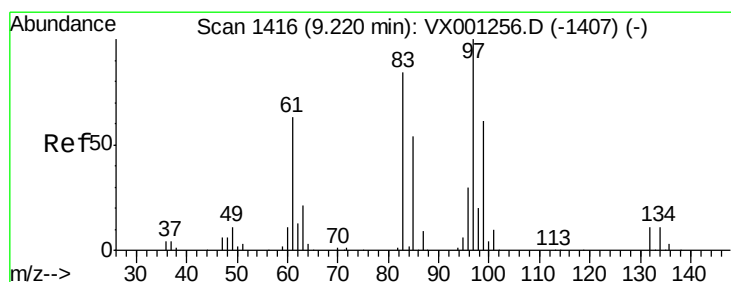
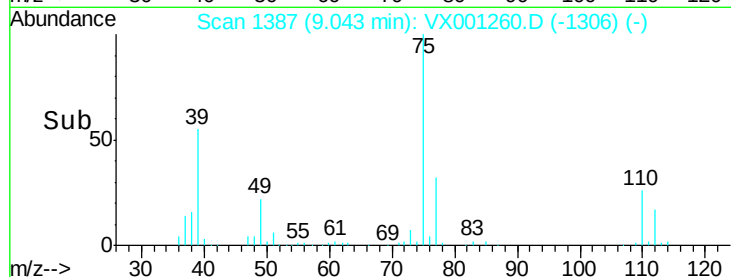
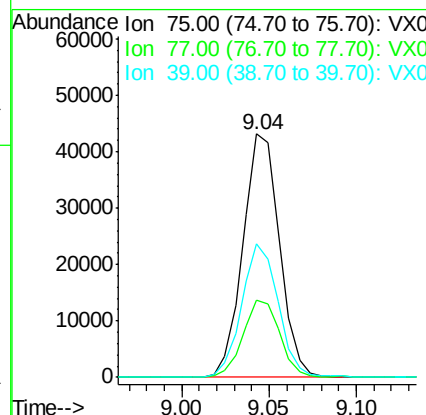
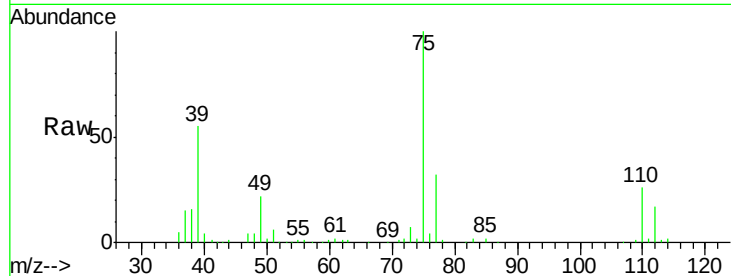
#49
 cis-1,3-Dichloropropene
 Concen: 16.85 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.5	36.7
39	54.7	35.6	53.4

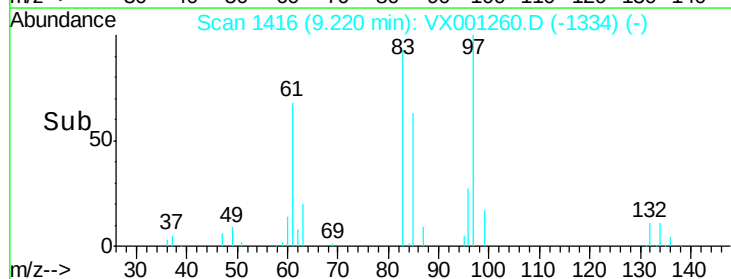
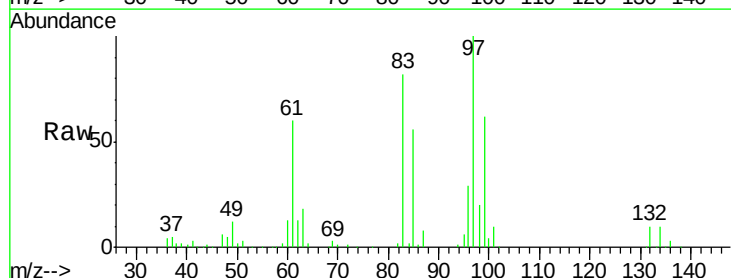
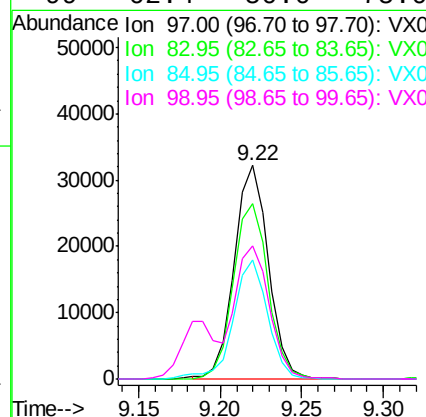
Manual Integrations
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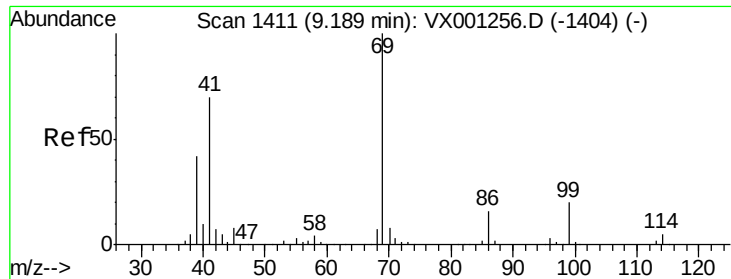
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#50
 1,1,2-Trichloroethane
 Concen: 17.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.9	100.3
85	55.9	44.4	66.6
99	62.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.87 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

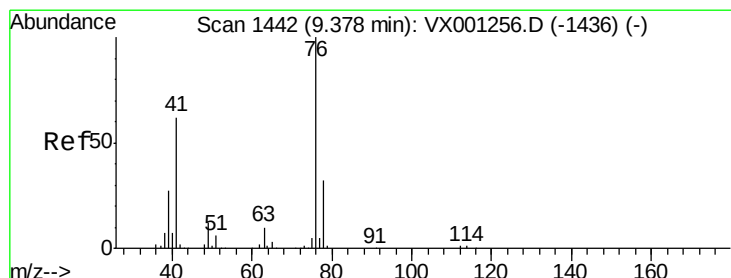
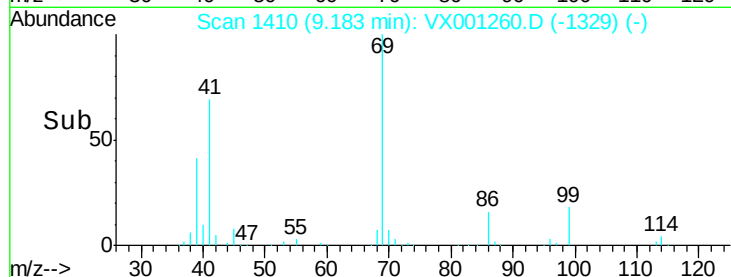
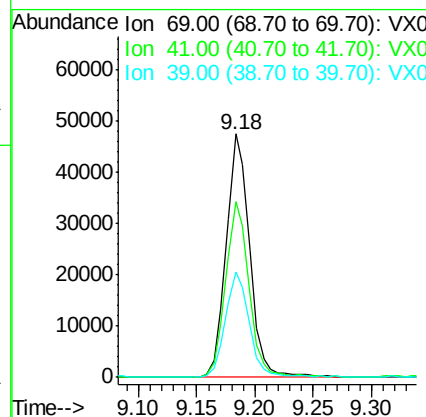
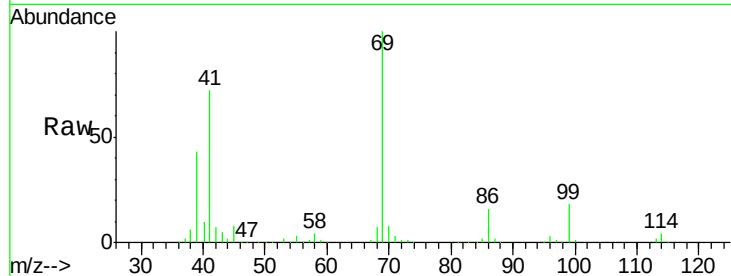
ClientSampled :

ICVVX043018

Tot Ion:	69	Resp:	66196
Ion	Ratio	Lower	Upper
69	100		
41	71.9	32.1	96.3
39	42.9	19.6	58.7

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#52

1,3-Dichloropropane

Concen: 18.53 ug/l

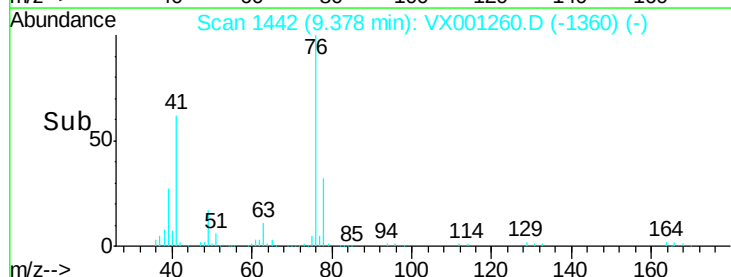
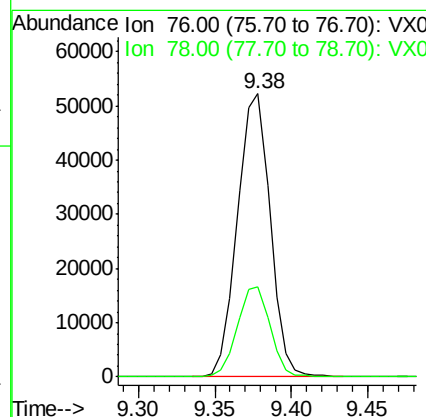
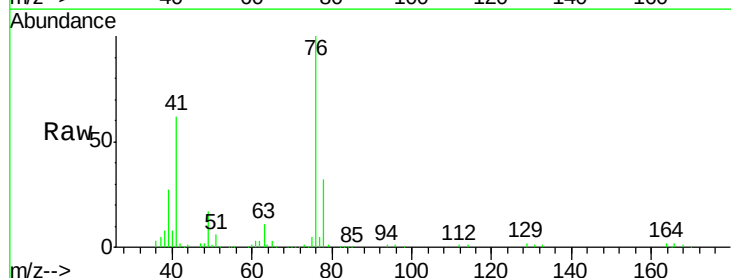
RT: 9.38 min Scan# 1442

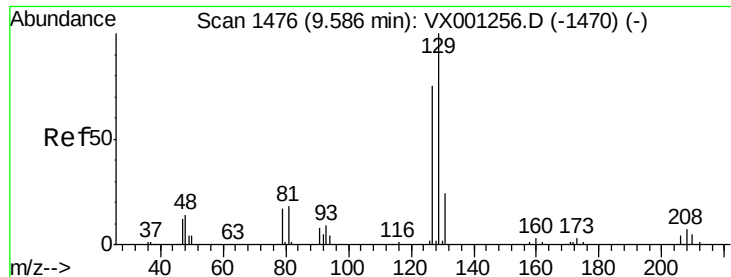
Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	76	Resp:	77880
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.0





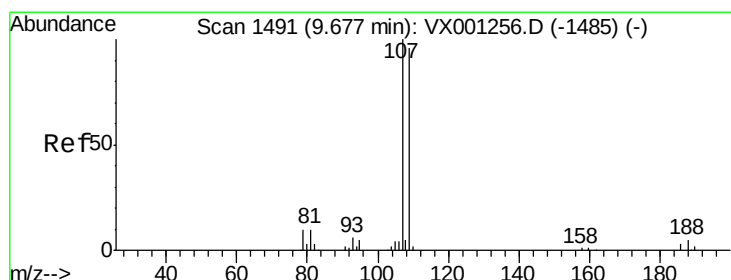
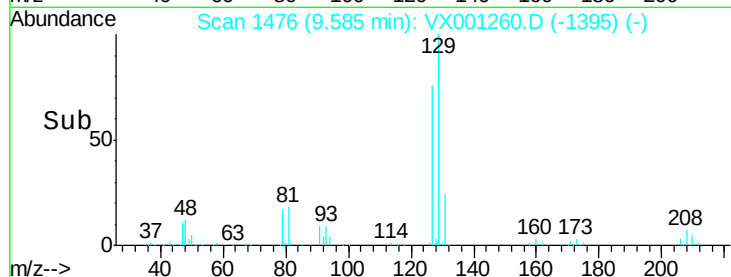
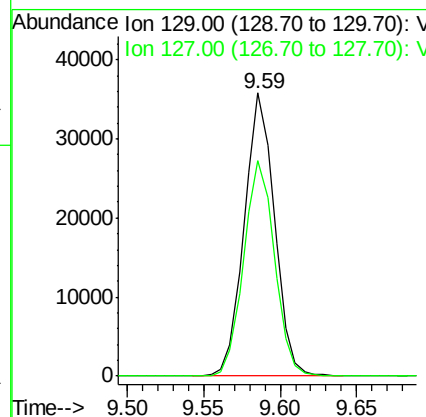
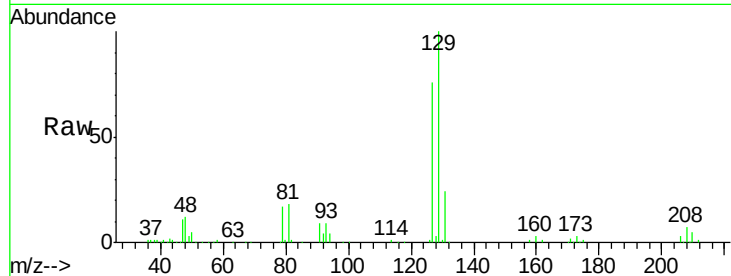
#53
Dibromochloromethane
Concen: 17.11 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.4	37.5	112.5	

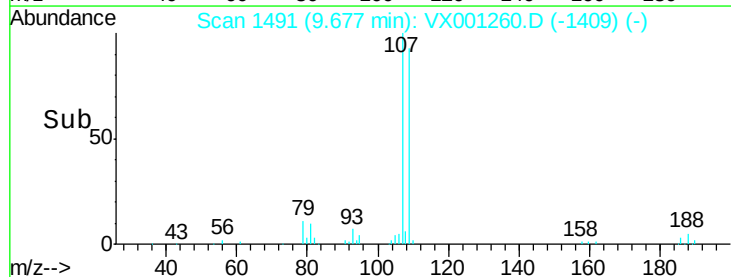
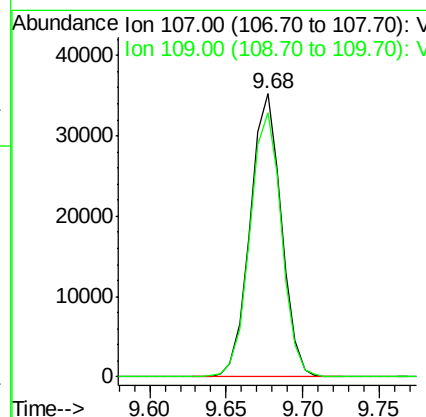
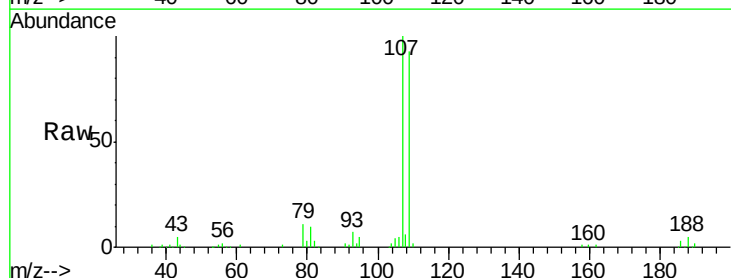
Manual Integrations
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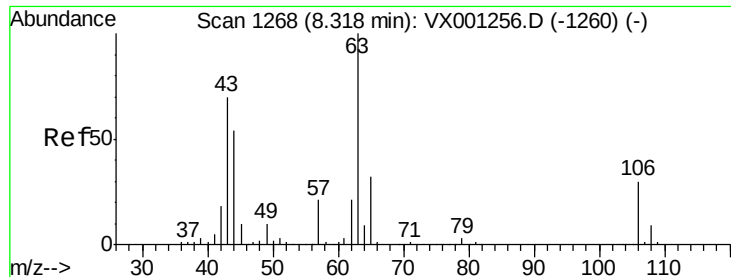
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#54
1,2-Dibromoethane
Concen: 17.95 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	95.0	74.5	111.7	





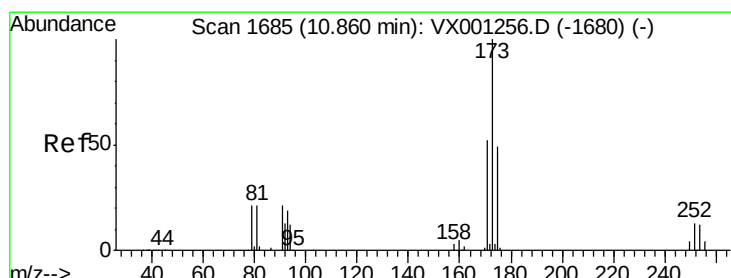
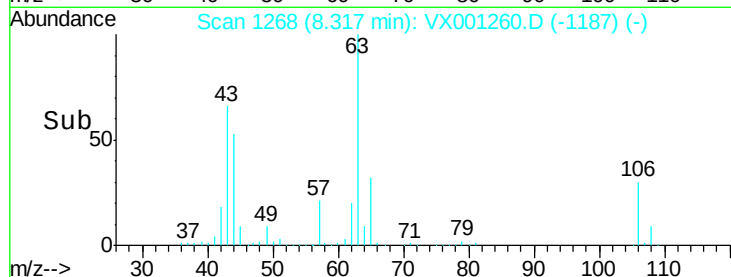
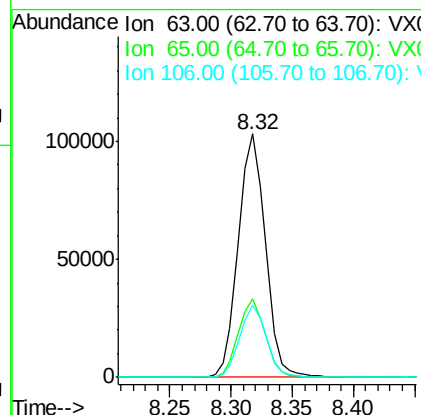
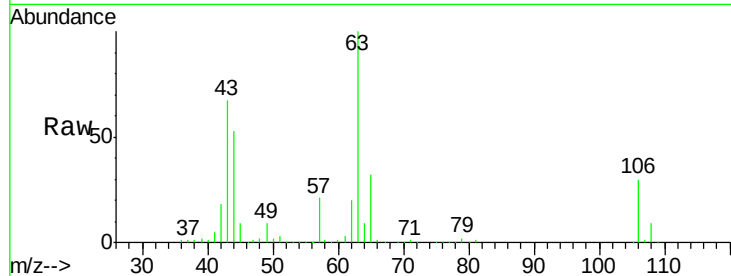
#55
2-Chloroethyl vinyl ether
Concen: 87.36 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampled :
ICVVX043018

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.8	38.8
106	29.5	23.8	35.6

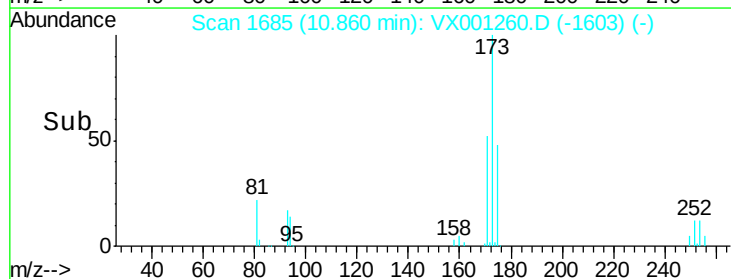
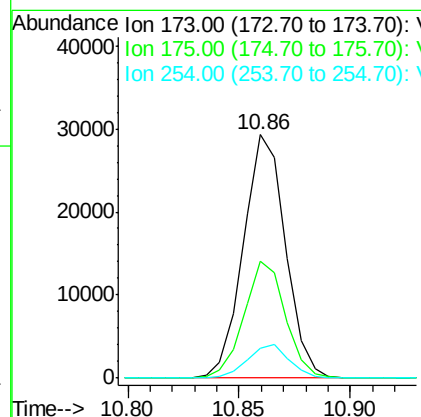
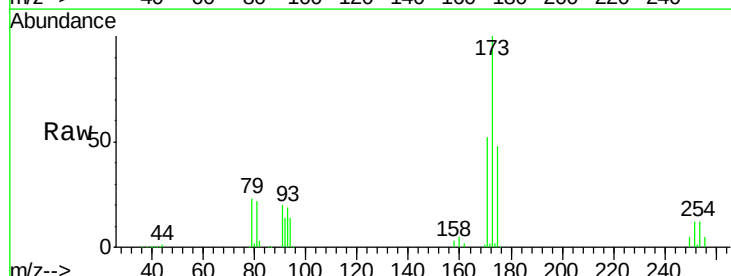
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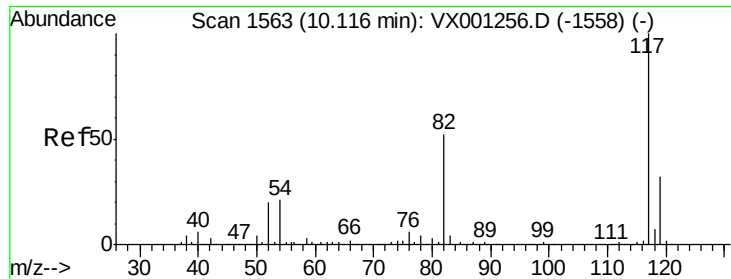
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#56
Bromoform
Concen: 16.50 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.1	39.0	58.4
254	13.5	7.0	10.4#





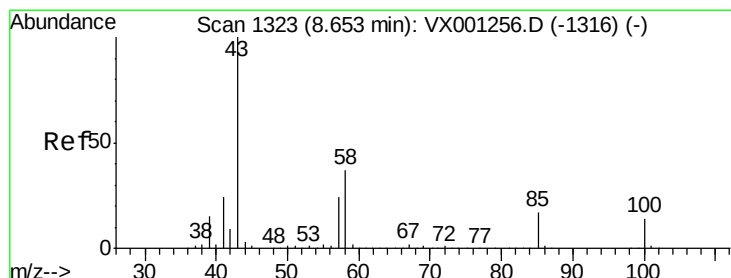
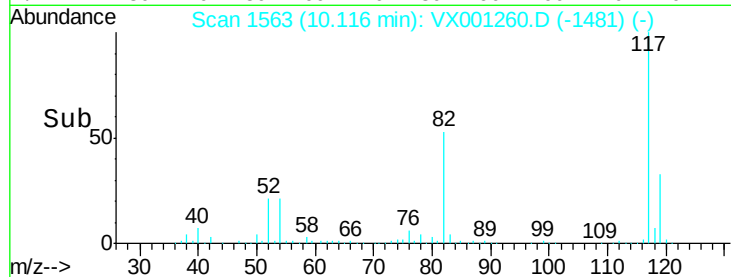
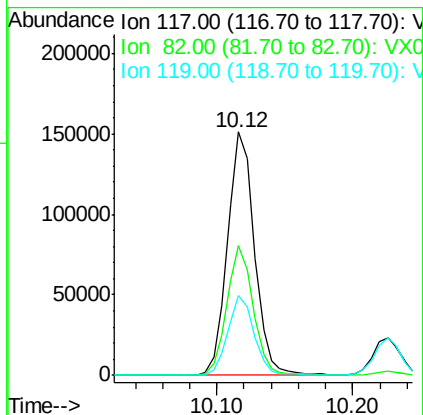
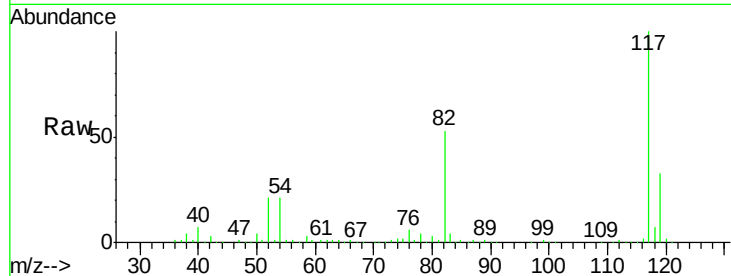
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampled :
ICVVX043018

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	32.2	25.8	38.8

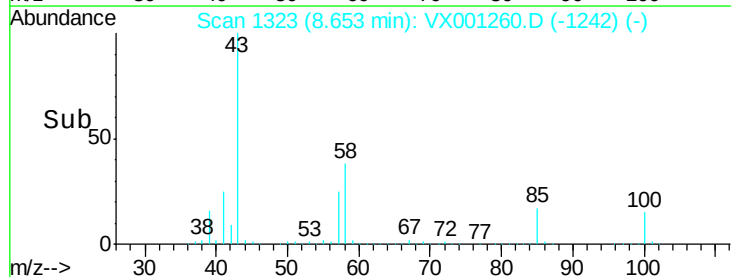
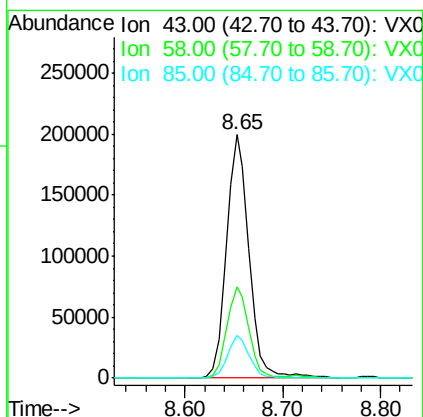
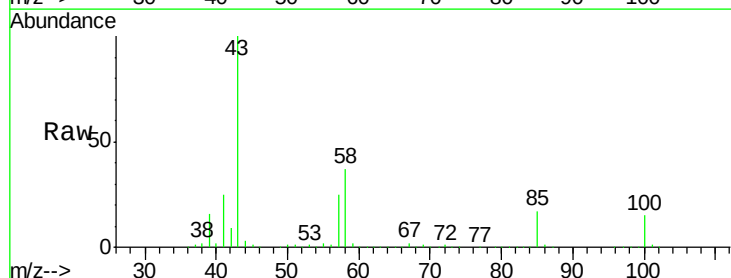
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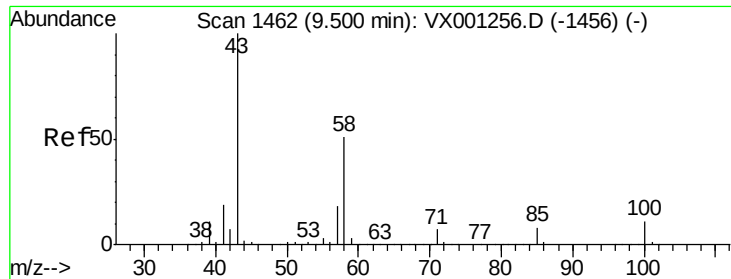
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#58
4-Methyl-2-Pentanone
Concen: 91.30 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	29.8	44.8
85	17.1	14.9	22.3





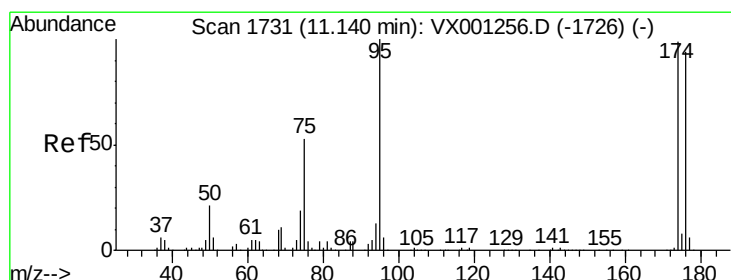
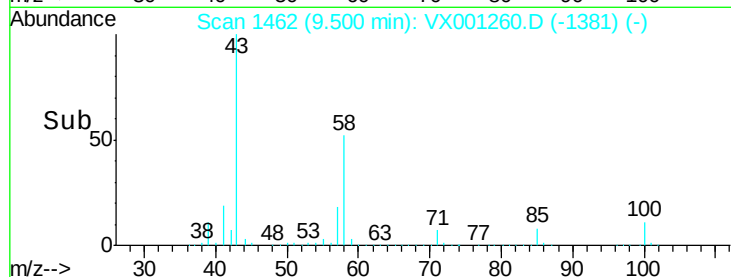
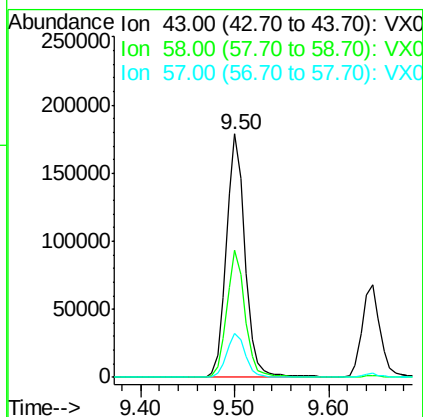
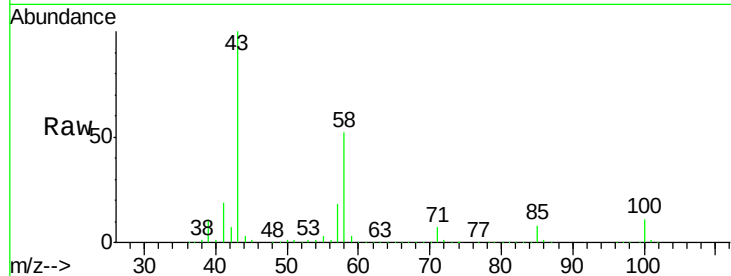
#59
2-Hexanone
Concen: 91.13 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.9	43.0	64.6
57	18.1	14.4	21.6

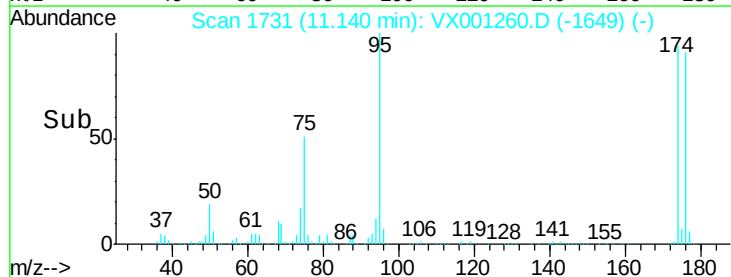
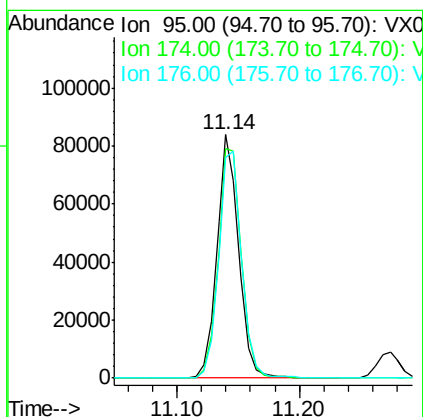
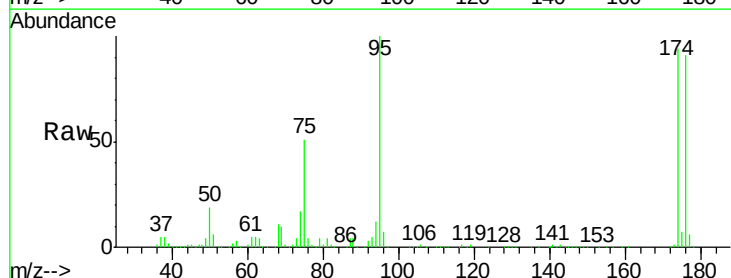
Manual Integrations
APPROVED

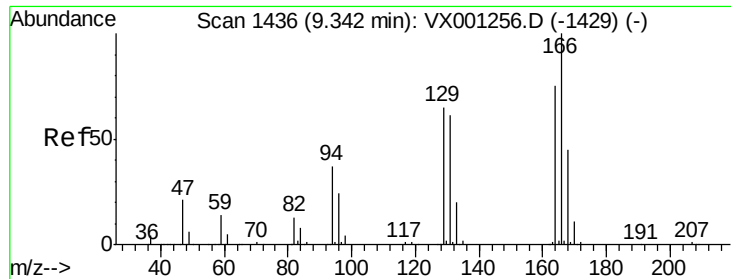
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.48 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.9	71.1	106.7
176	98.9	69.3	103.9





#61

Tetrachloroethene

Concen: 19.94 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

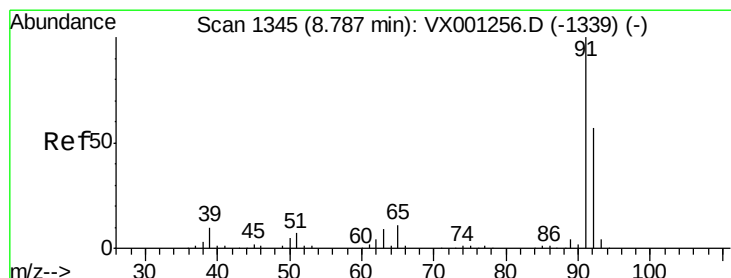
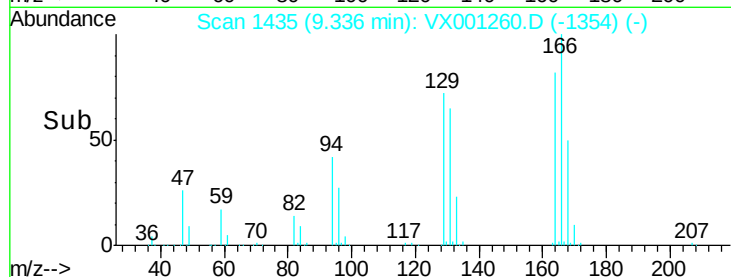
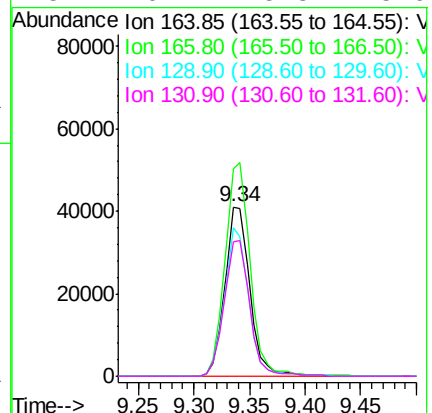
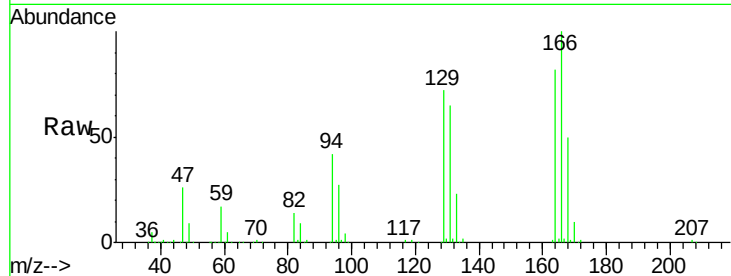
ClientSampleId :

ICVVX043018

Tot Ion:	164	Resp:	63897
Ion	Ratio	Lower	Upper
164	100		
166	122.5	99.0	148.4
129	88.0	77.0	115.6
131	79.2	75.8	113.6

Manual Integrations
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#62

Toluene

Concen: 18.42 ug/l

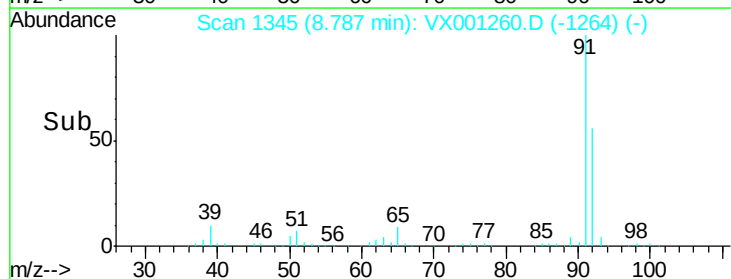
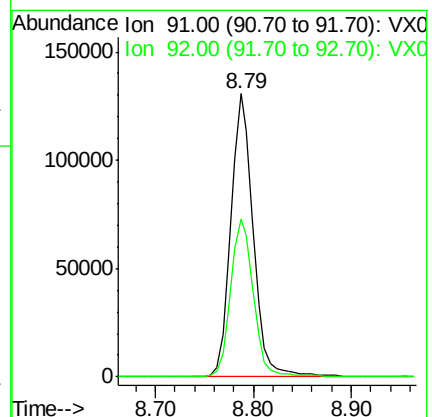
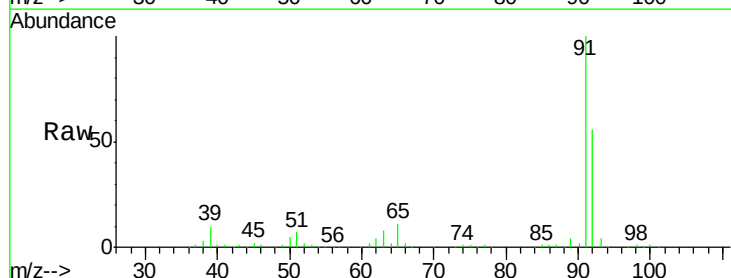
RT: 8.79 min Scan# 1345

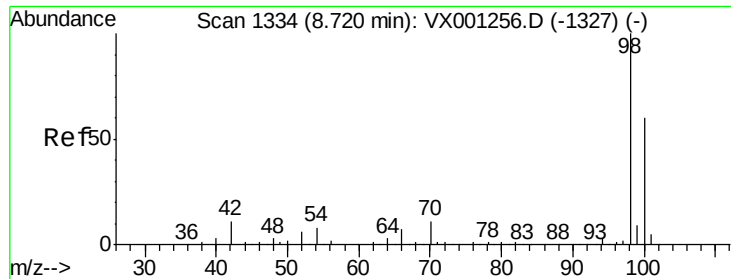
Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	91	Resp:	206983
Ion	Ratio	Lower	Upper
91	100		
92	57.3	45.4	68.0





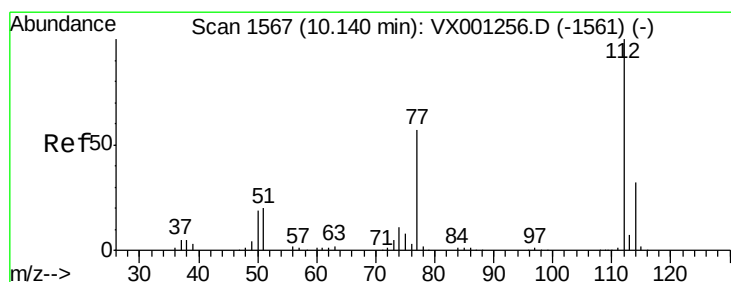
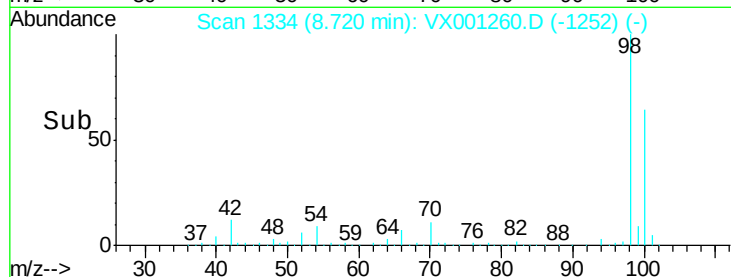
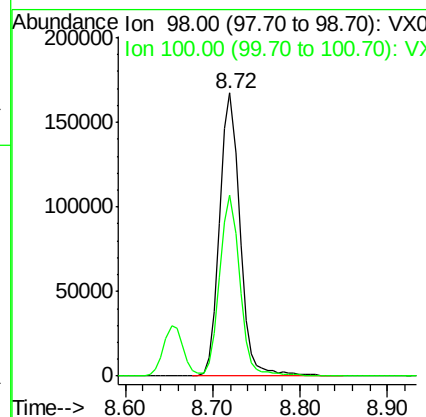
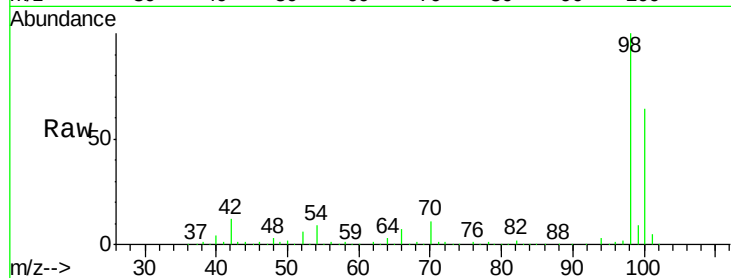
#63
Toluene-d8
Concen: 30.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion: 98 Resp: 270419
Ion Ratio Lower Upper
98 100
100 64.0 50.0 75.0

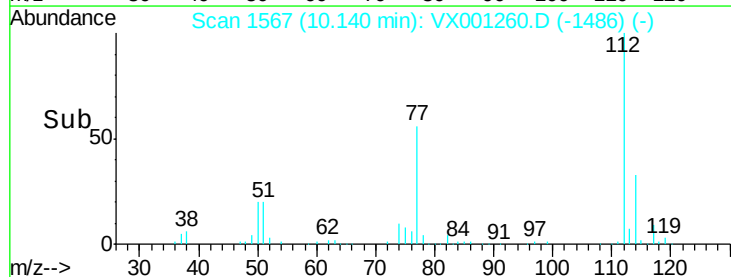
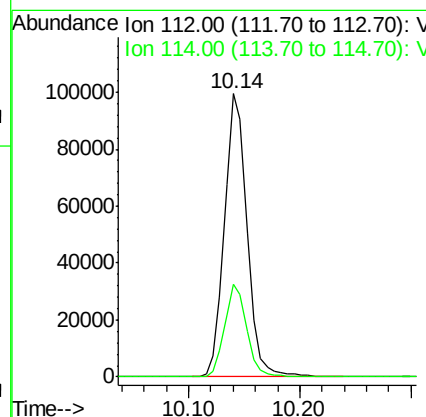
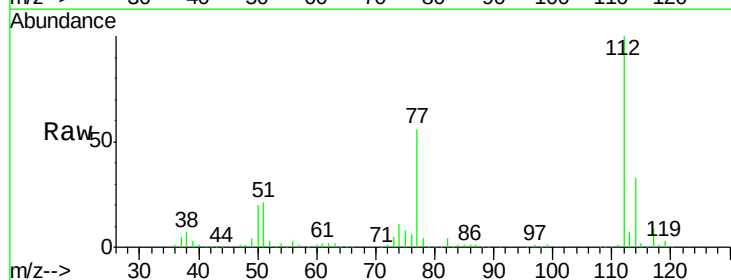
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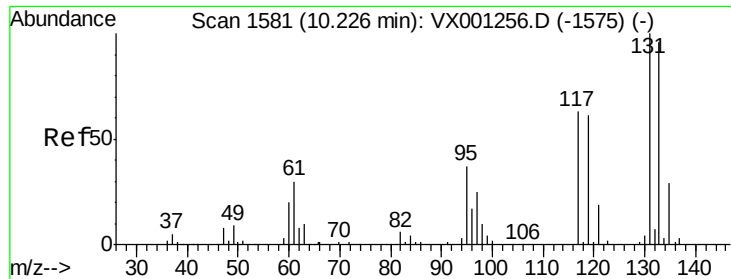
MMDadoda
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#64
Chlorobenzene
Concen: 18.39 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion: 112 Resp: 139424
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.80 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

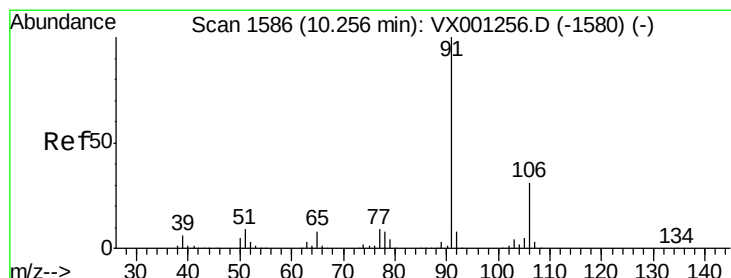
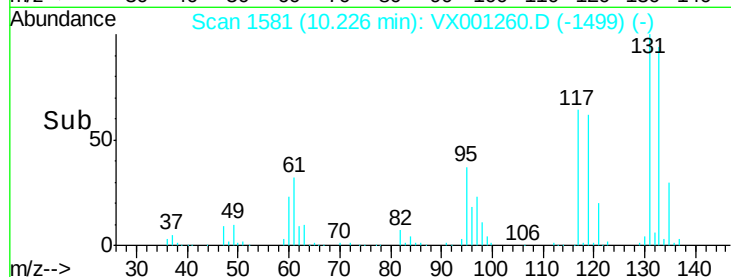
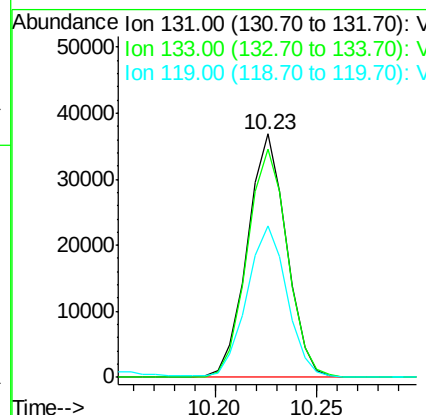
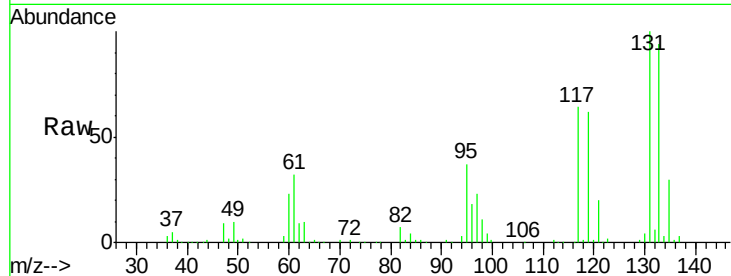
ClientSampleId :

ICVVX043018

Tot Ion:	131	Resp:	49277
Ion	Ratio	Lower	Upper
131	100		
133	96.3	0.0	187.6
119	63.7	0.0	134.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.48 ug/l

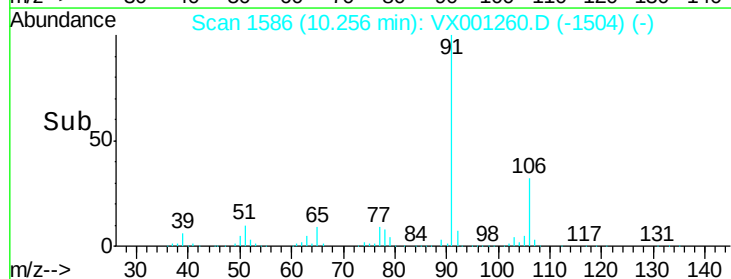
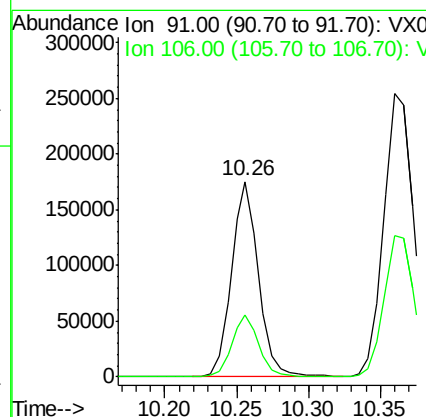
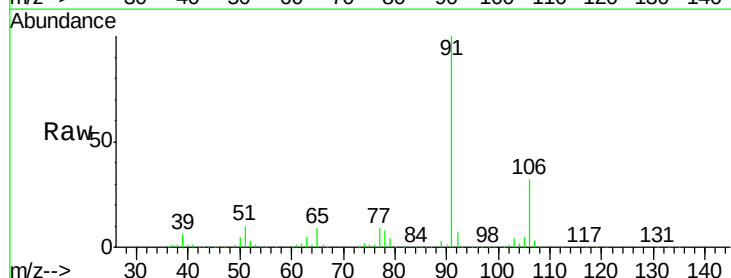
RT: 10.26 min Scan# 1586

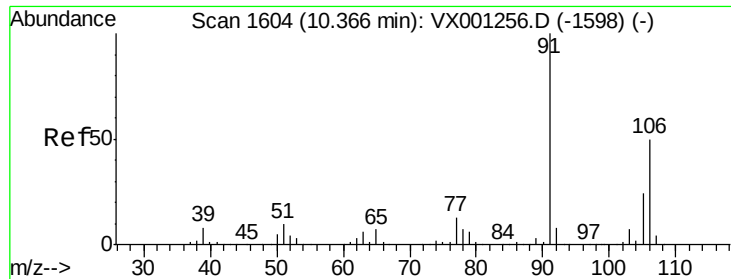
Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	91	Resp:	231805
Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.9	38.9





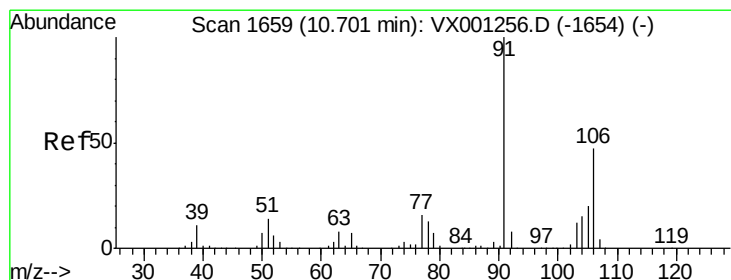
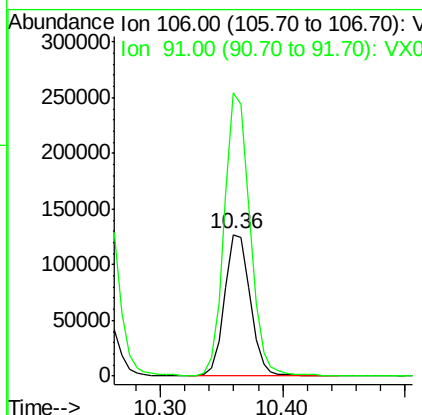
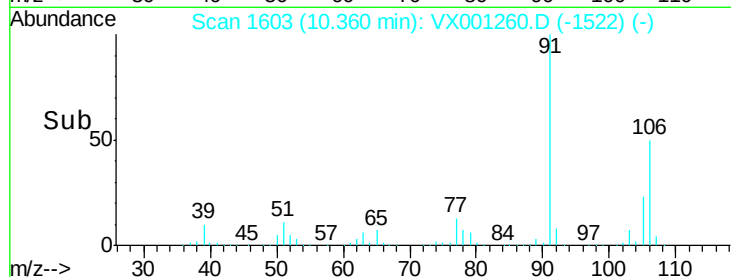
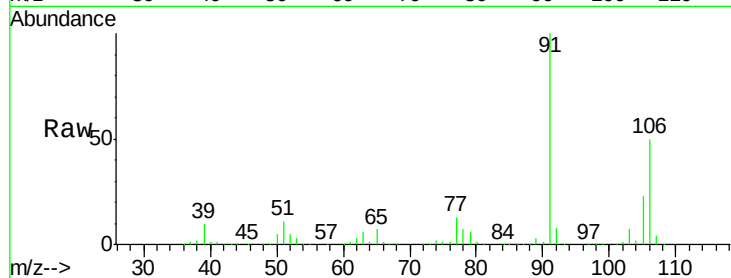
#67
m/p-Xylenes
Concen: 37.11 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampled :
ICVVX043018

Tot Ion:106 Resp: 184938
Ion Ratio Lower Upper
106 100
91 200.5 161.6 242.4

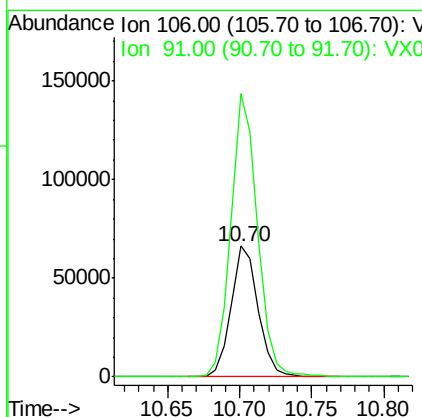
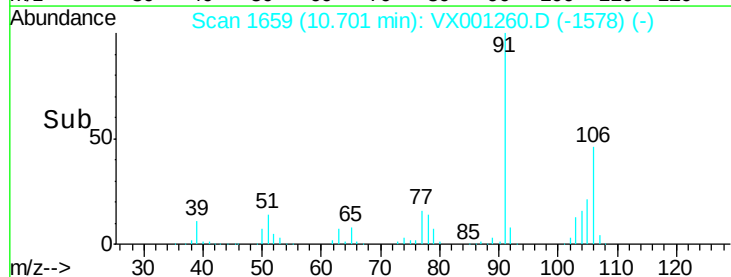
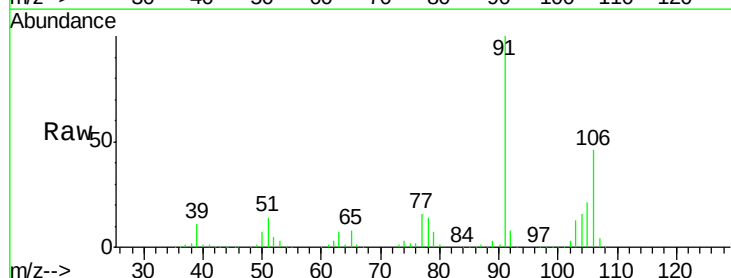
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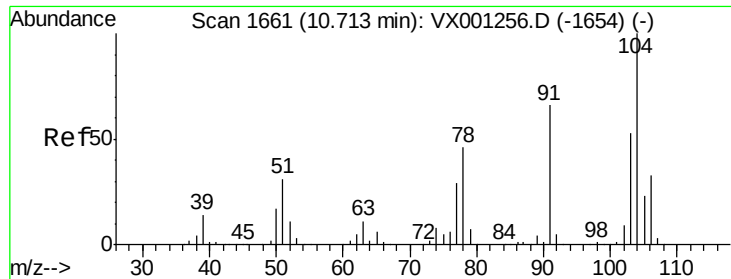
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#68
o-Xylene
Concen: 18.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion:106 Resp: 88248
Ion Ratio Lower Upper
106 100
91 211.7 105.6 316.8





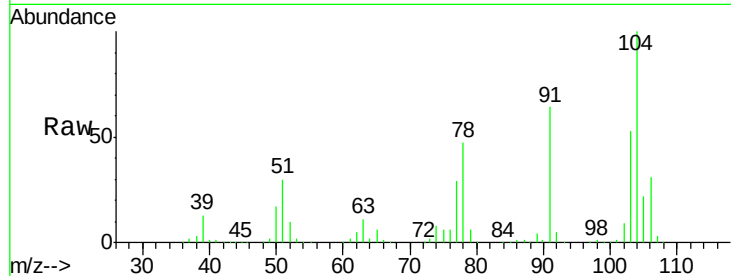
#69
Stvrene
Concen: 18.13 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampled :
ICVVX043018

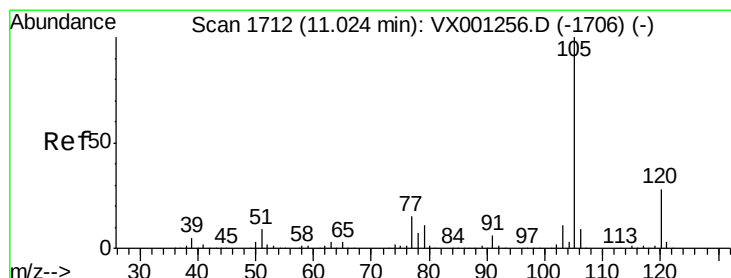
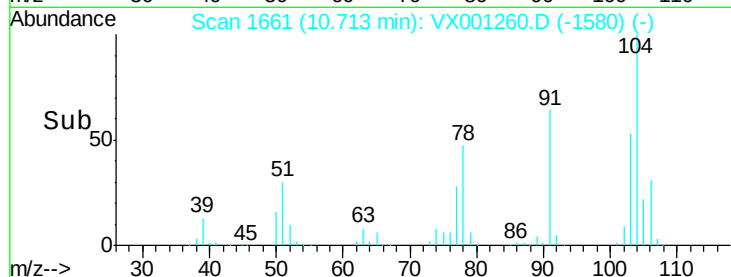
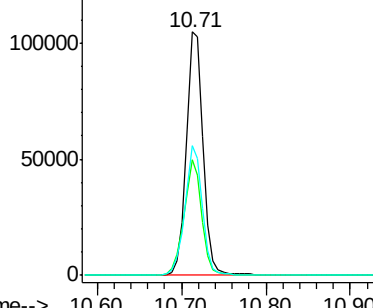
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.0	58.4
103	55.0	44.7	67.1

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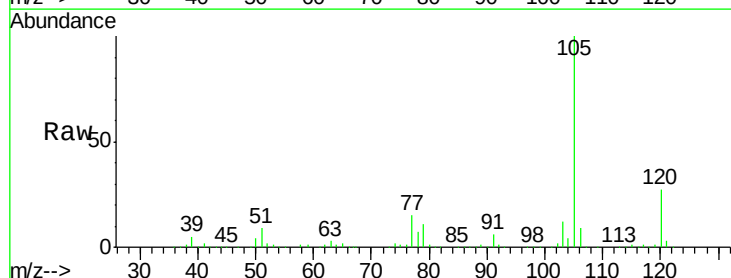


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

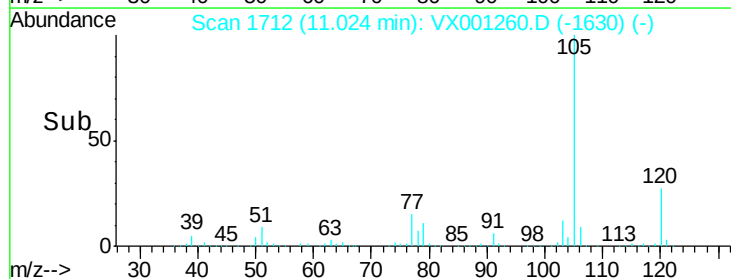
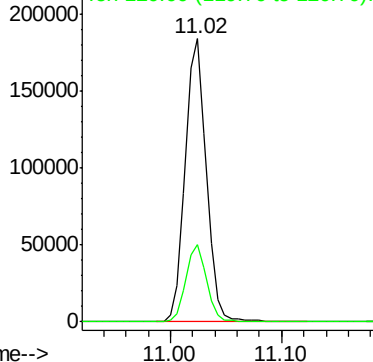


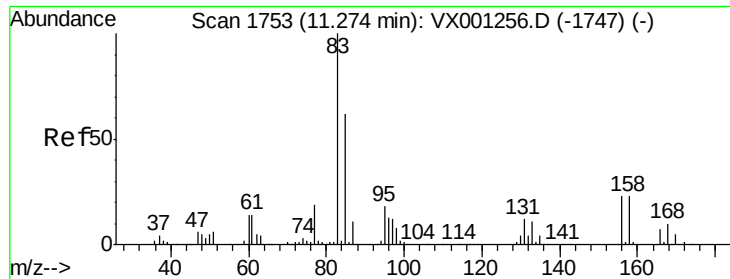
#70
Isopropylbenzene
Concen: 18.50 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	35.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





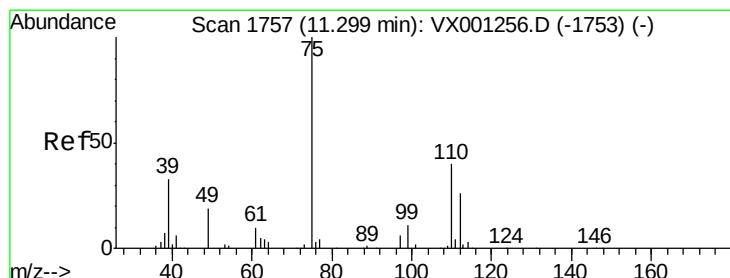
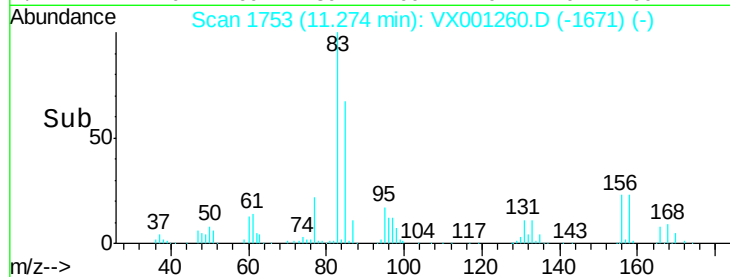
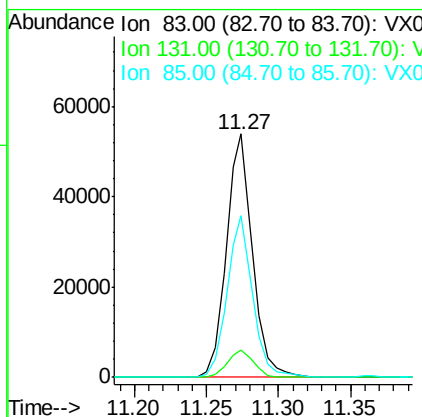
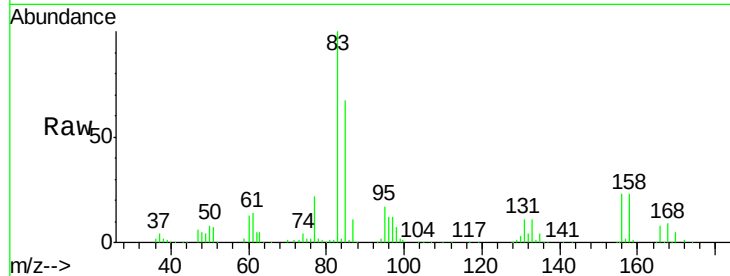
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.90 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion	83	Resp	68685
Ion Ratio	100	Lower	Upper
83	100		
131	11.4	5.3	16.1
85	65.2	32.5	97.5

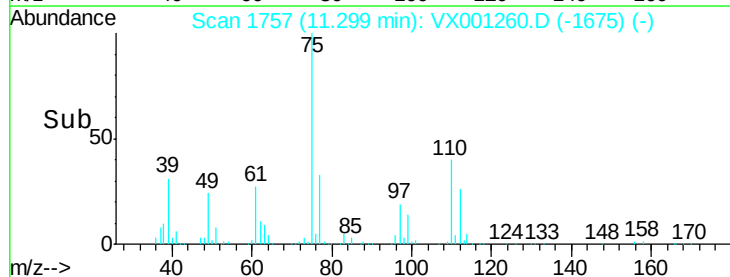
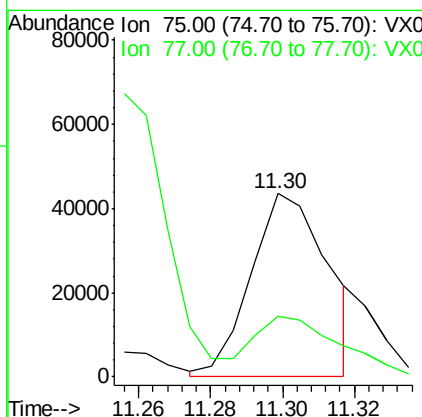
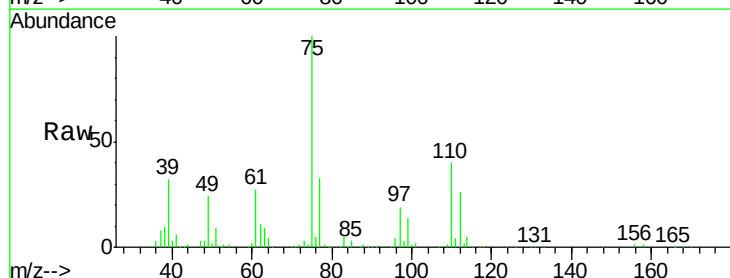
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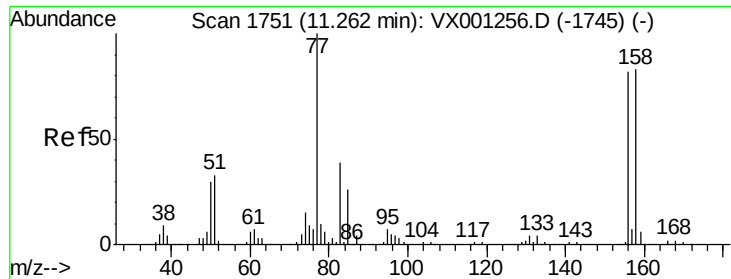
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#72
 1,2,3-Trichloropropane
 Concen: 18.76 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	75	Resp	64410
Ion Ratio	100	Lower	Upper
75	100		
77	39.1	0.0	85.8





#73

Bromobenzene

Concen: 18.13 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampled :

ICVVX043018

Tot Ion:156 Resp: 68897

Ion Ratio Lower Upper

156 100

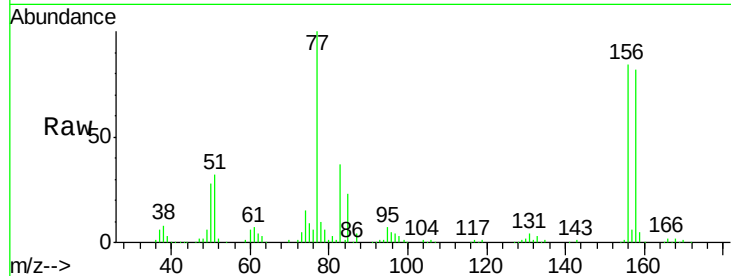
77 128.5 0.0 280.2

158 97.1 0.0 197.2

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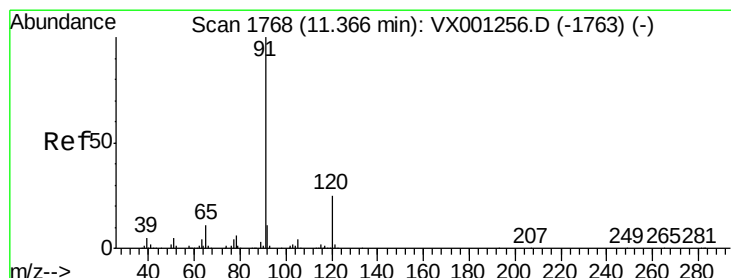
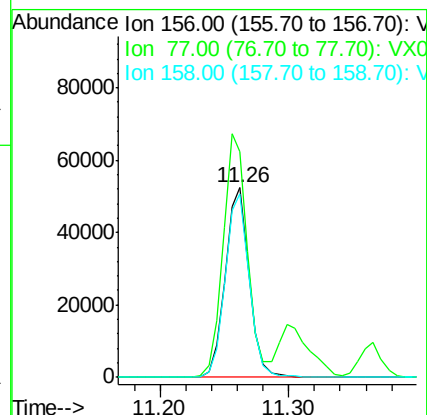
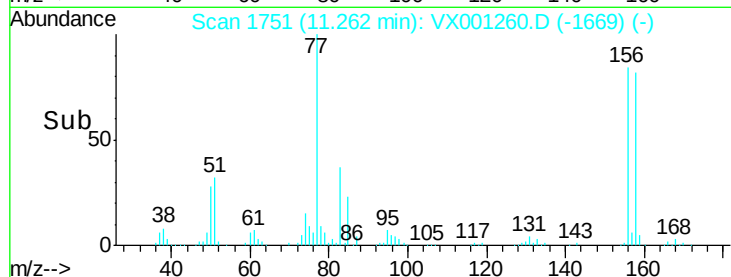
5/2/2018 11:08:06 AM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.88 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001260.D

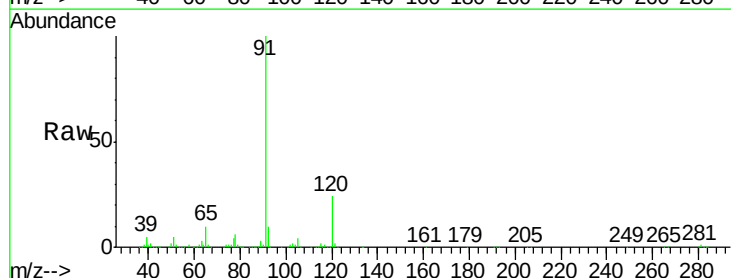
Acq: 30 Apr 2018 17:30

Tgt Ion: 91 Resp: 278853

Ion Ratio Lower Upper

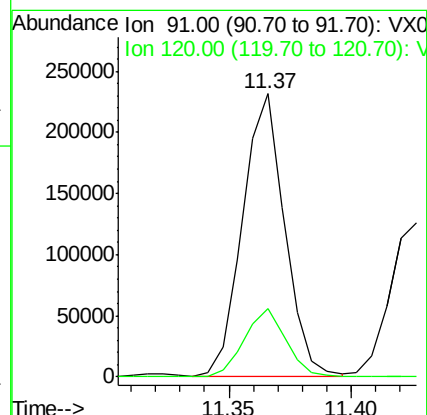
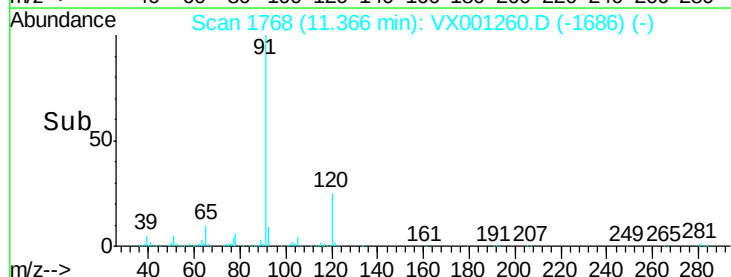
91 100

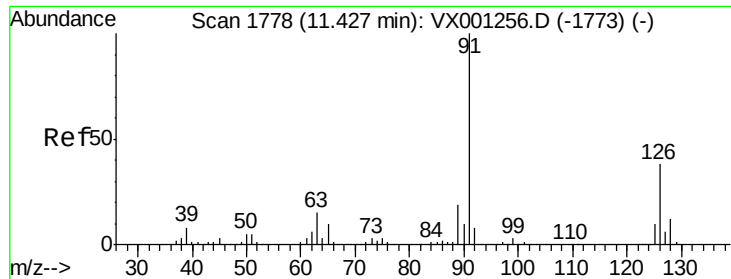
120 23.8 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

ClientSampled :

ICVVX043018

Tot Ion: 91 Resp: 164151

Ion Ratio Lower Upper

91 100

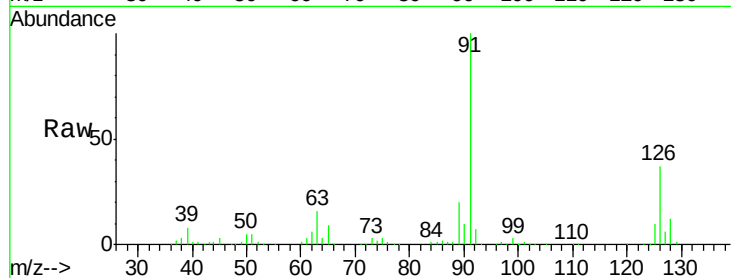
126 36.3 0.0 71.4

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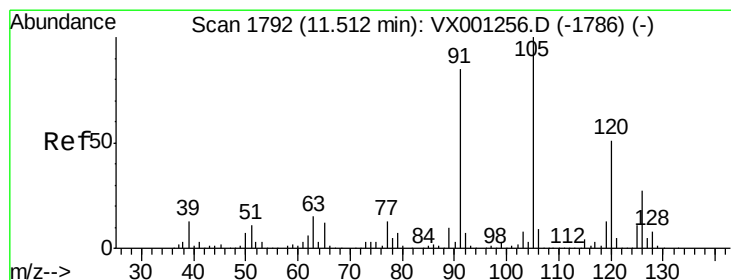
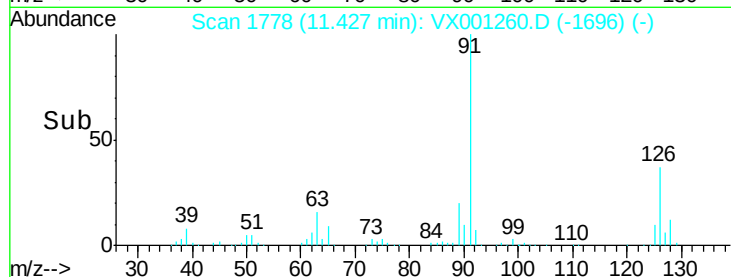
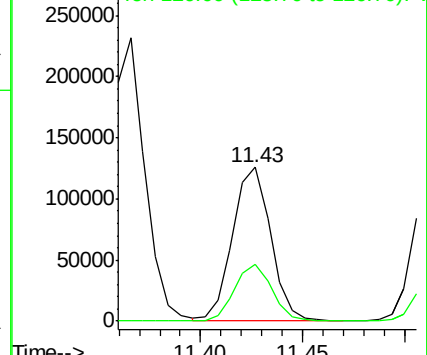
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001260.D

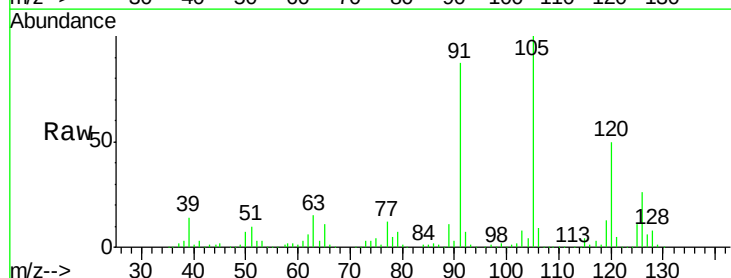
Acq: 30 Apr 2018 17:30

Tgt Ion:105 Resp: 206935

Ion Ratio Lower Upper

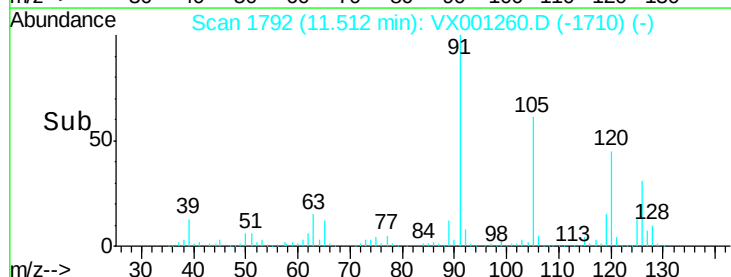
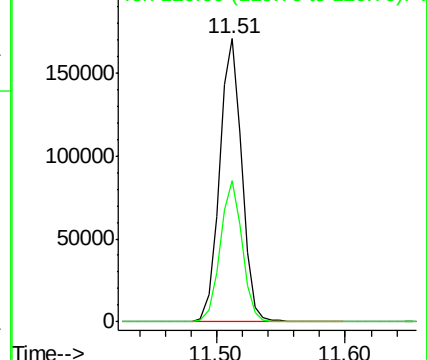
105 100

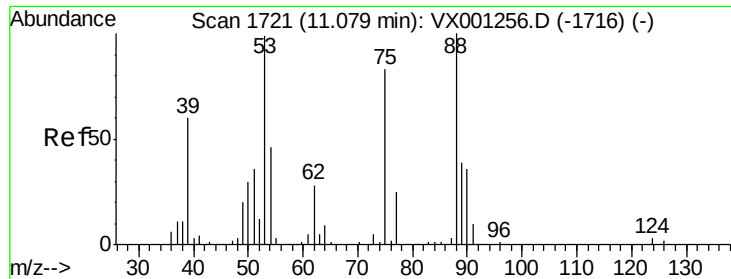
120 49.3 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





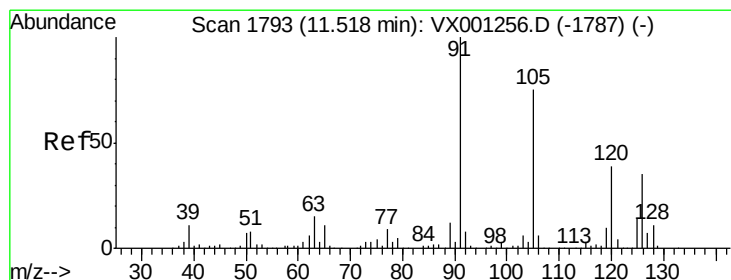
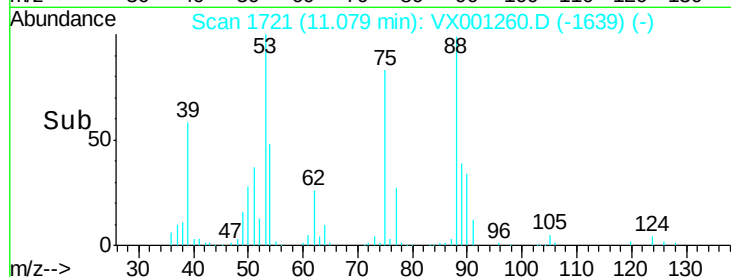
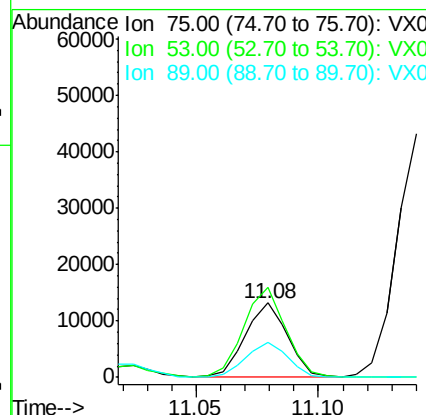
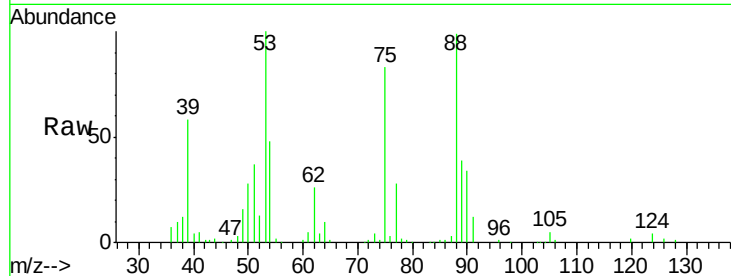
#77
t-1,4-Dichloro-2-butene
Concen: 15.57 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ratio	Lower	Upper
75	100		
53	120.8	47.8	143.3
89	47.7	22.3	66.8

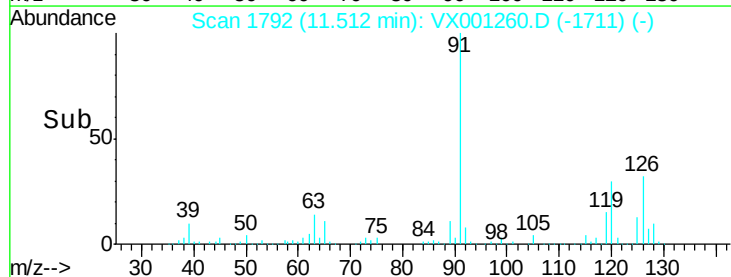
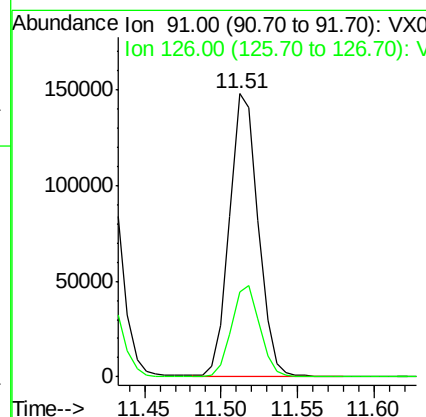
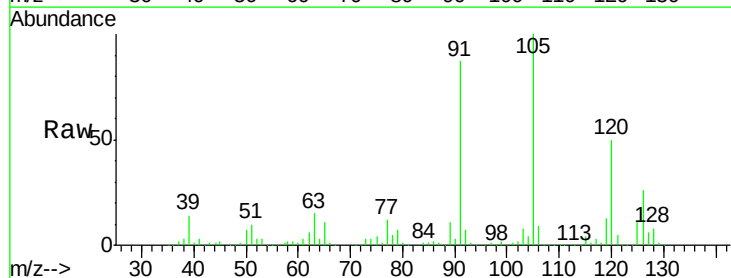
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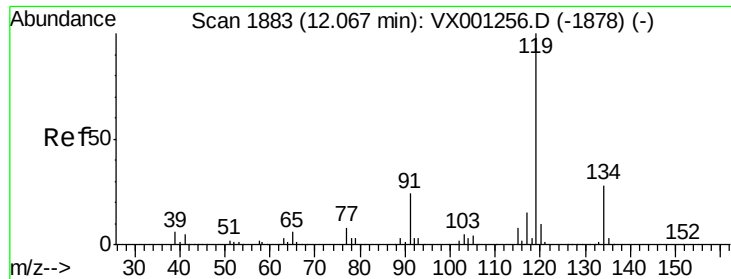
MMDadoda
5/2/2018 11:08:06 AM



#78
4-Chlorotoluene
Concen: 18.20 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	63.4





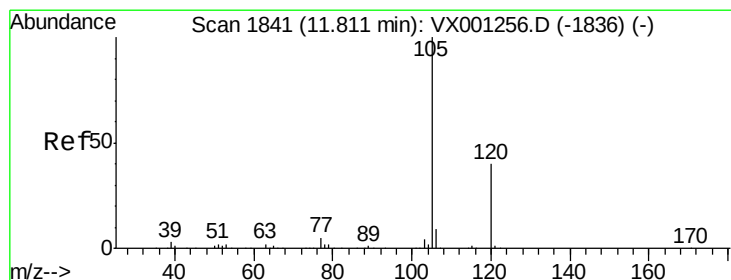
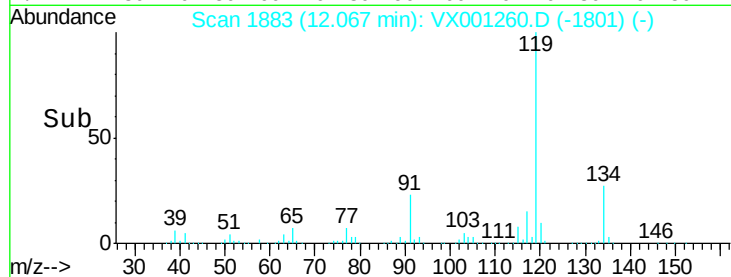
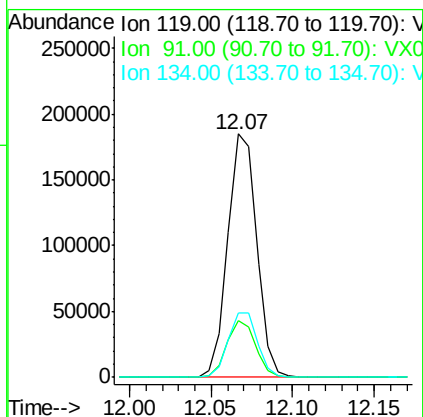
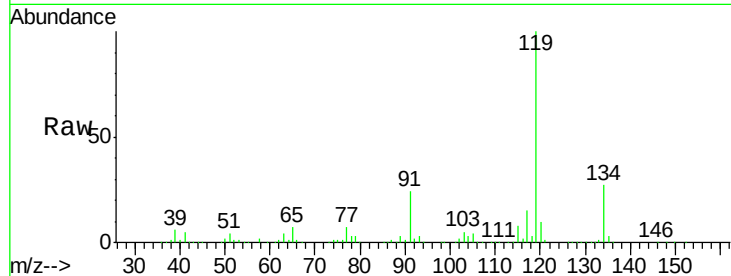
#79
tert-butylbenzene
Concen: 19.21 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043018

Tot Ion	Ratio	Resp	Lower	Upper
119	100	229102		
91	23.1	0.0	51.6	
134	27.1	0.0	60.2	

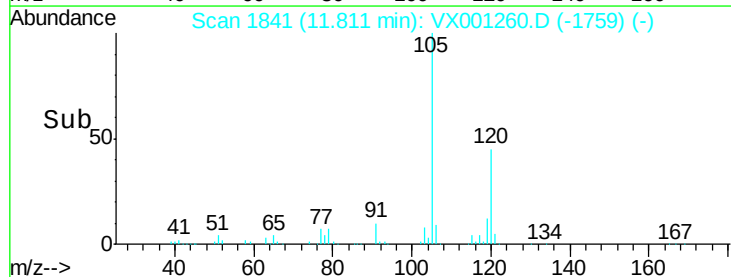
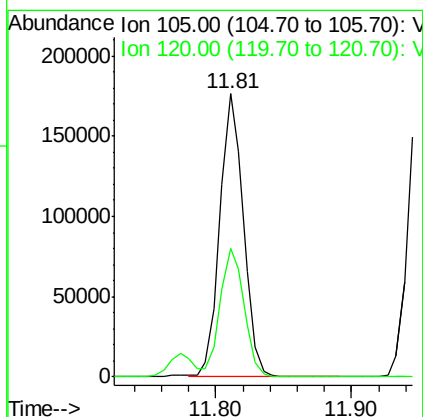
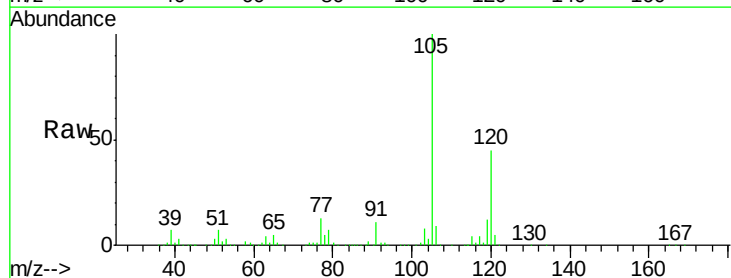
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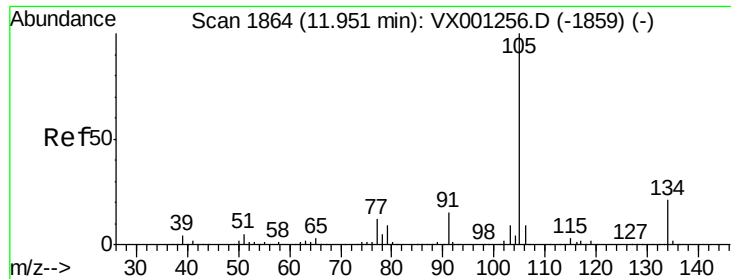
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#80
1,2,4-Trimethylbenzene
Concen: 18.70 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001260.D
Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212079		
120	46.5	0.0	93.0	





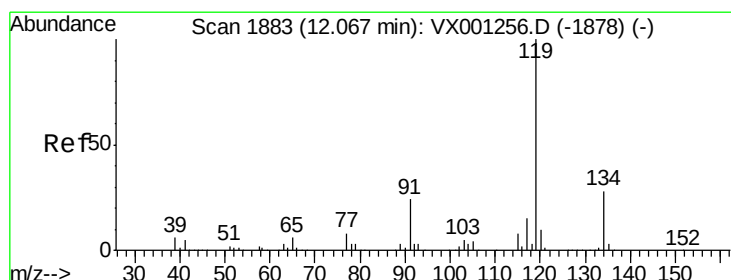
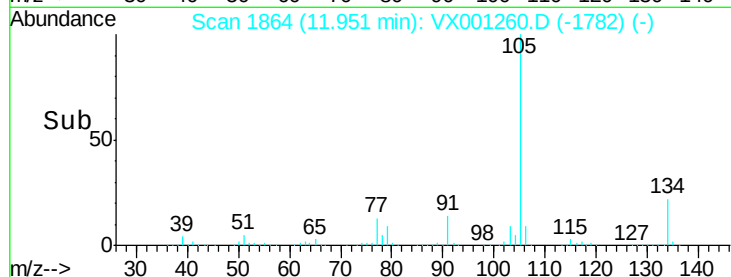
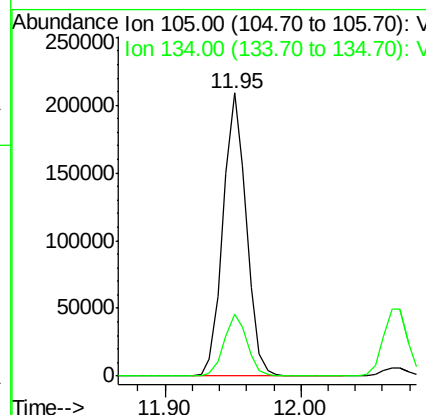
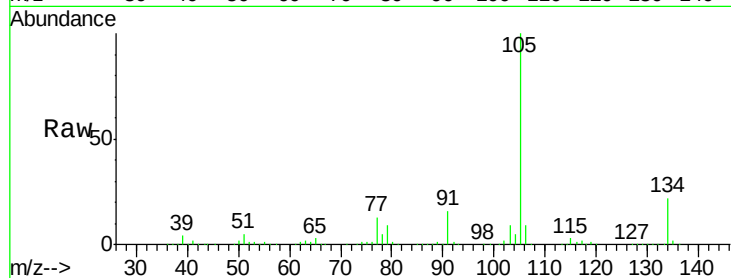
#81
 sec-Butylbenzene
 Concen: 19.11 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion:105 Resp: 247270
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 41.8

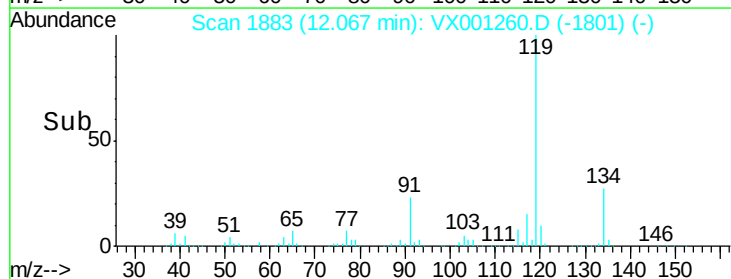
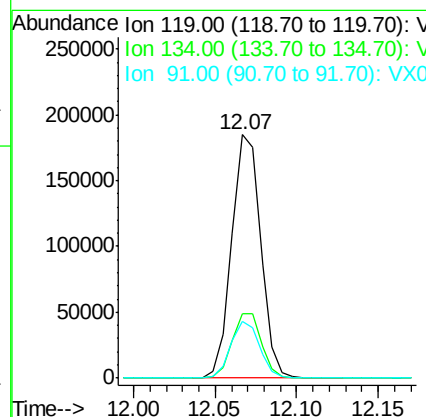
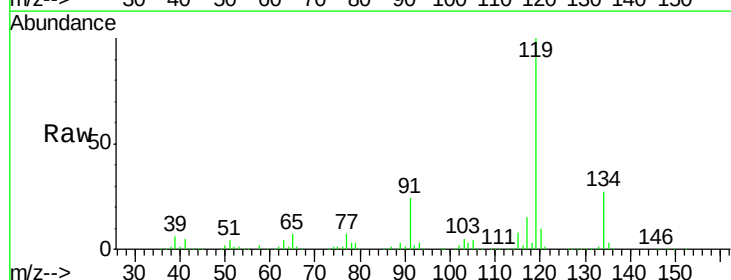
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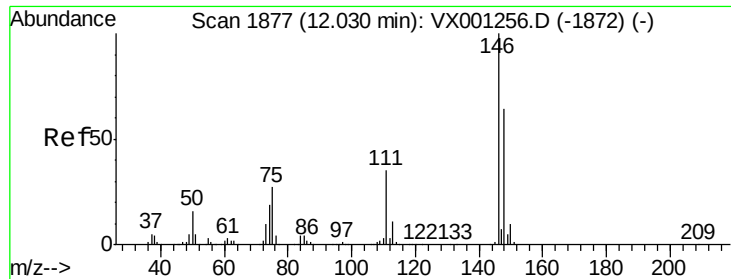
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#82
 p-Isopropyltoluene
 Concen: 19.21 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion:119 Resp: 229102
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.4
 91 23.1 0.0 46.6





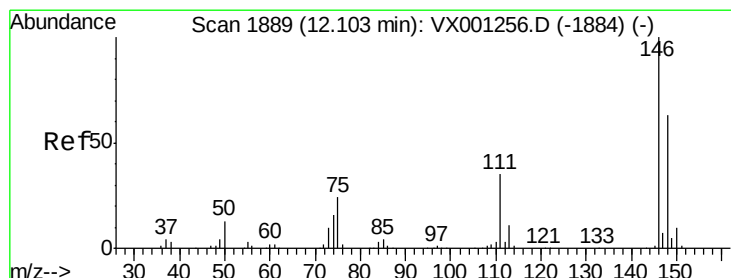
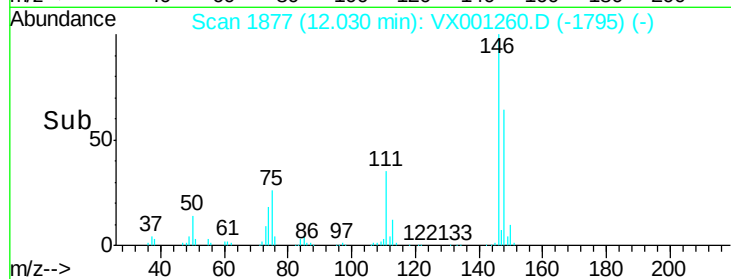
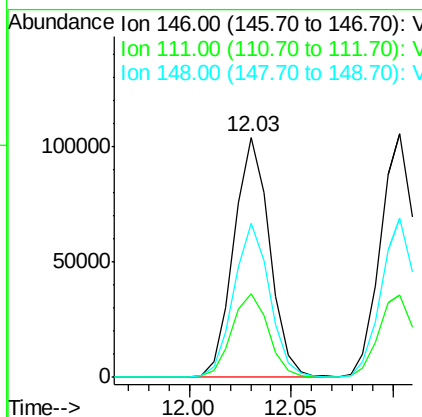
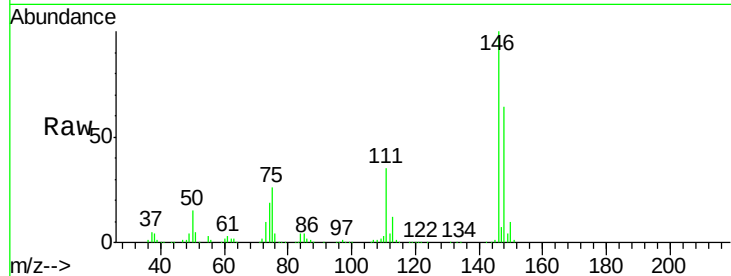
#83
 1,3-Dichlorobenzene
 Concen: 18.23 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX043018

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	19.4	58.2
148	64.3	32.6	97.7

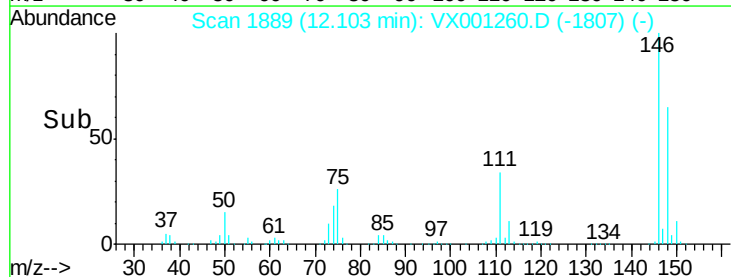
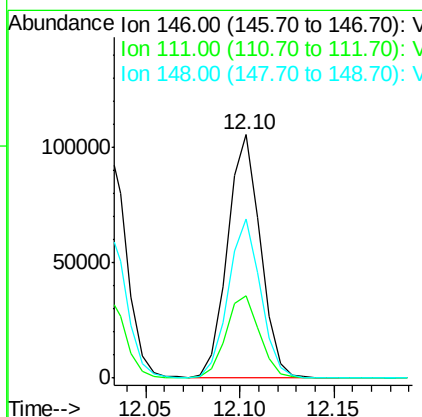
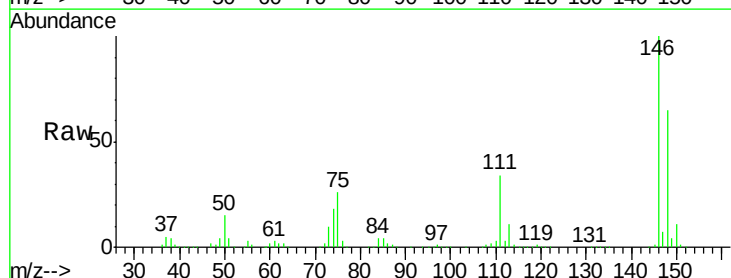
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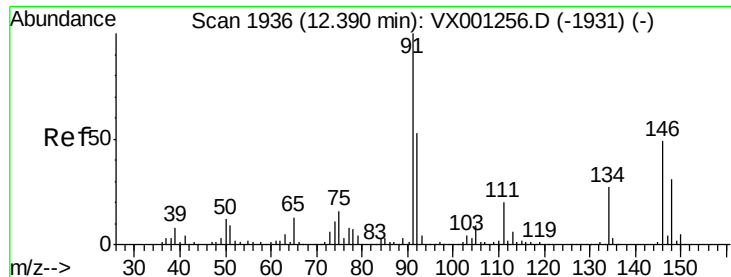
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#84
 1,4-Dichlorobenzene
 Concen: 18.09 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.0	18.4	55.0
148	64.5	31.9	95.7





#85

n-Butylbenzene

Concen: 19.11 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

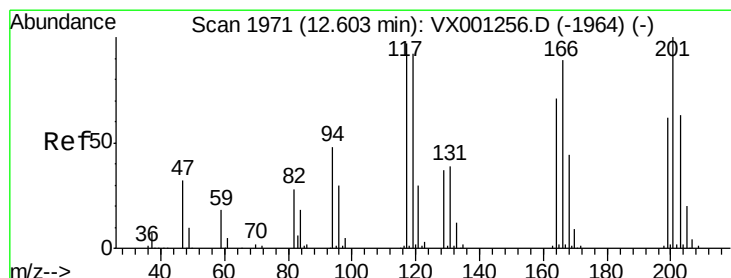
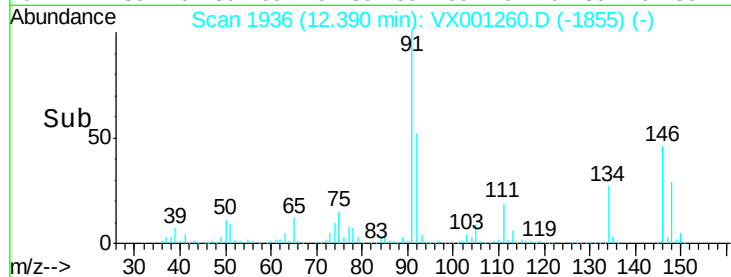
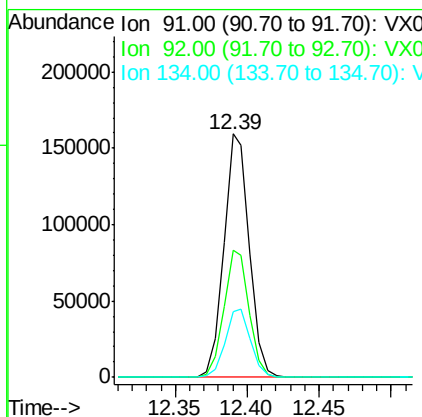
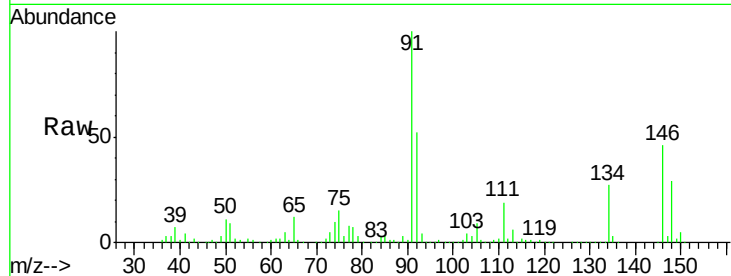
ClientSampleId :

ICVVX043018

Tot Ion:	91	Resp:	197070
Ion	Ratio	Lower	Upper
91	100		
92	52.2	0.0	102.0
134	27.9	0.0	54.2

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#86

Hexachloroethane

Concen: 17.81 ug/l

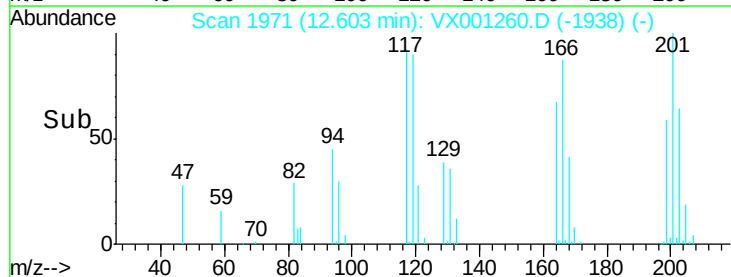
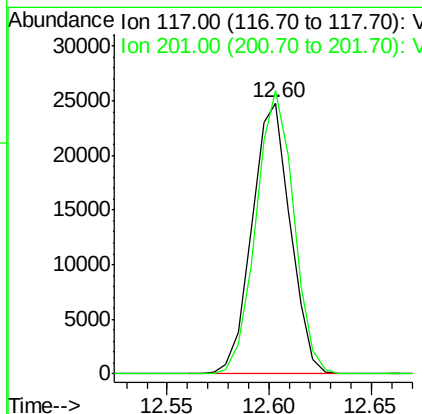
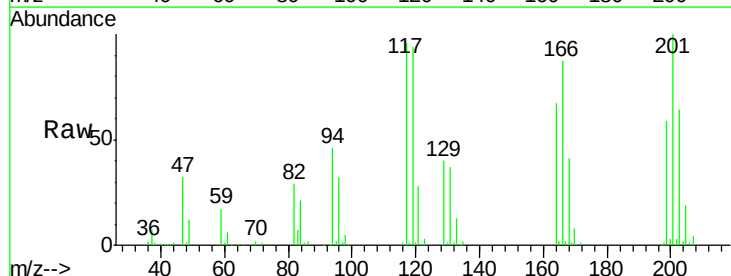
RT: 12.60 min Scan# 1971

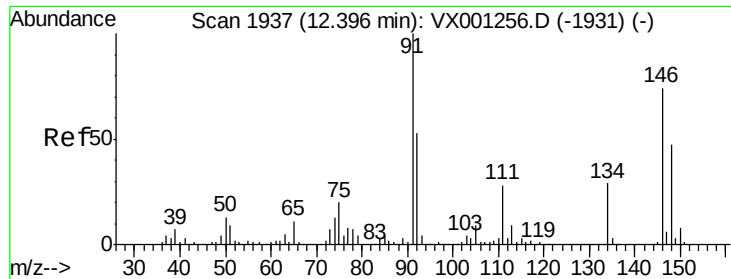
Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	117	Resp:	32457
Ion	Ratio	Lower	Upper
117	100		
201	102.4	38.9	116.6





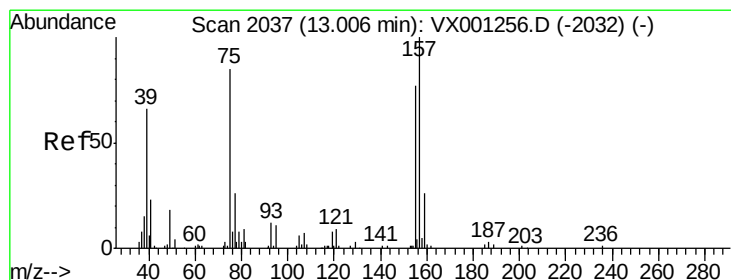
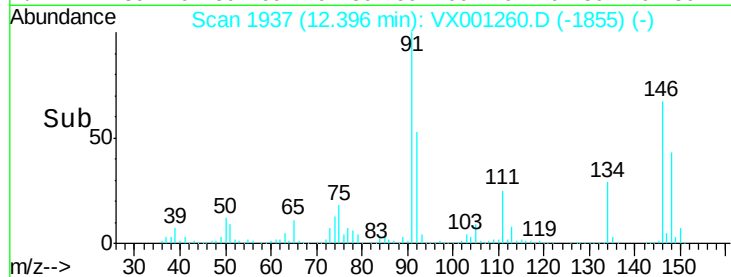
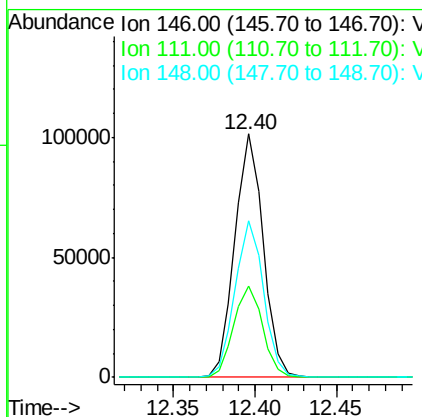
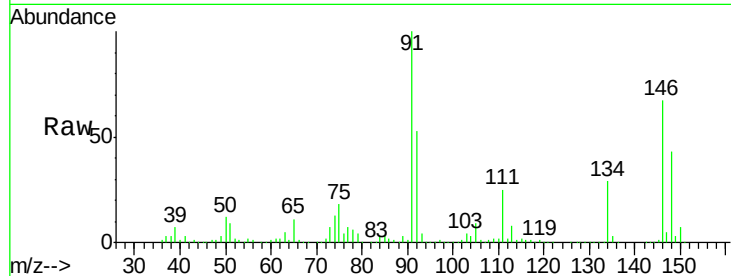
#87
 1,2-Dichlorobenzene
 Concen: 17.96 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX043018

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.0	60.0
148	64.4	31.6	95.0

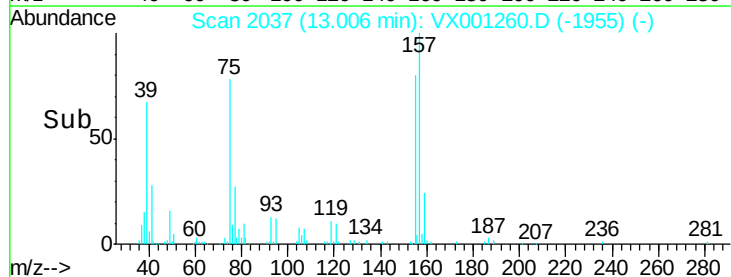
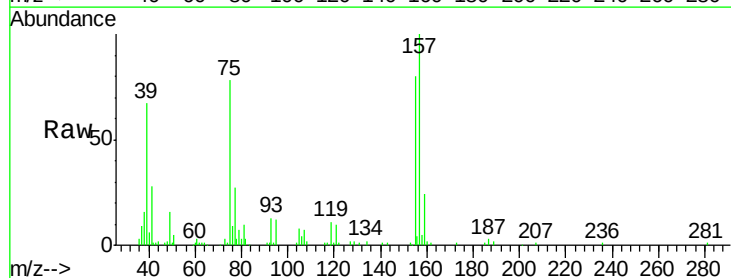
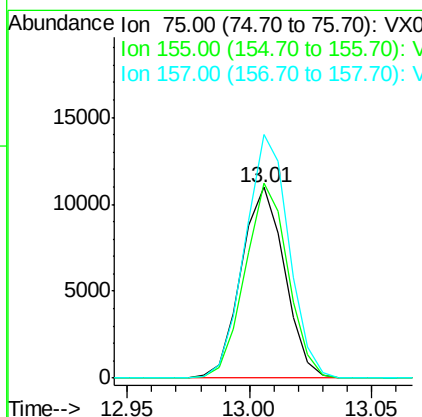
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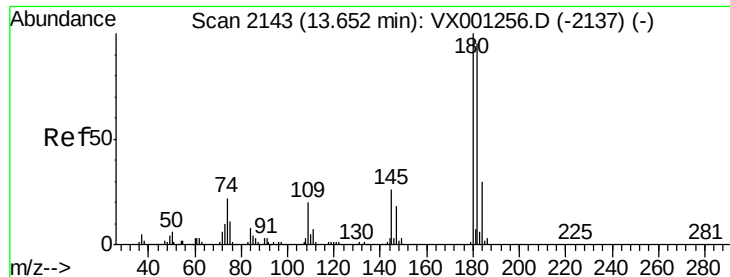
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.02 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.1	75.1	112.7
157	128.4	99.0	148.4





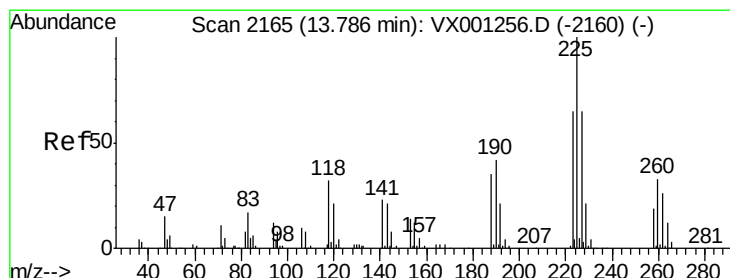
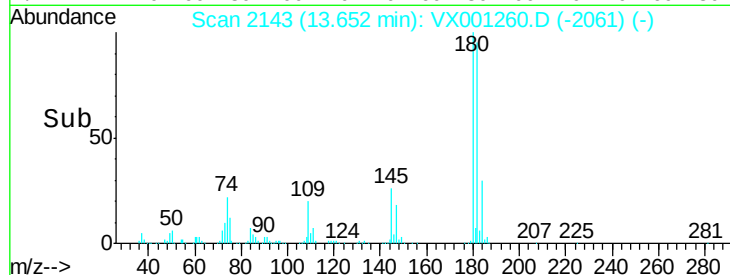
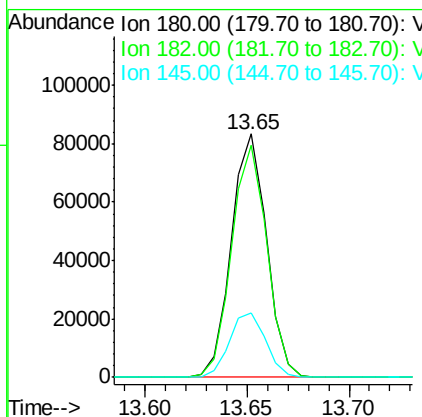
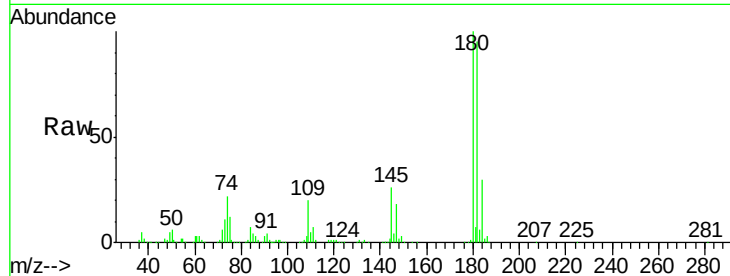
#89
 1,2,4-Trichlorobenzene
 Concen: 19.03 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043018

Tot Ion	Ratio	Resp	Lower	Upper
180	100	99365		
182	95.2	76.3	114.5	
145	27.2	24.6	37.0	

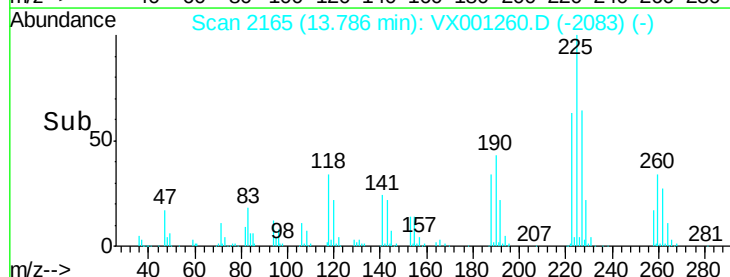
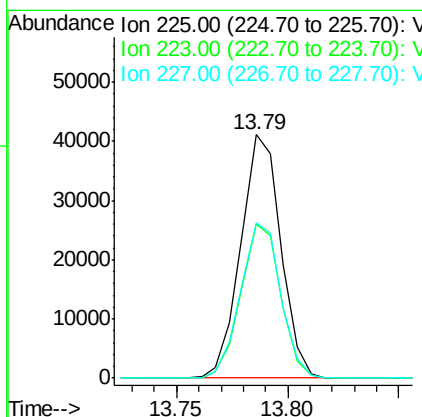
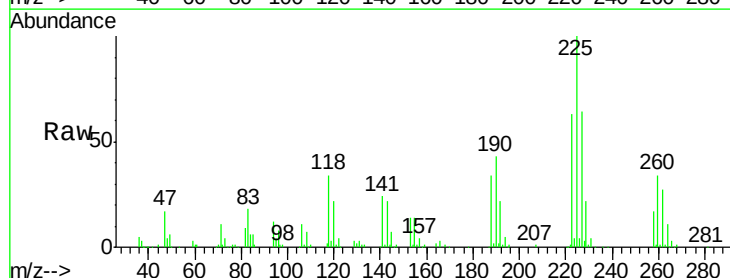
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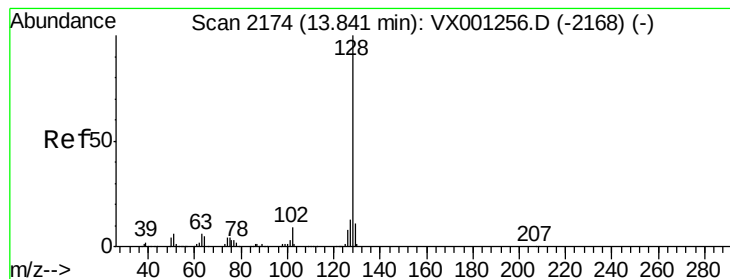
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#90
 Hexachlorobutadiene
 Concen: 21.35 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001260.D
 Acq: 30 Apr 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51755		
223	62.6	0.0	131.2	
227	64.2	0.0	127.6	





#91

Naphthalene

Concen: 18.74 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Instrument :

MSVOA_X

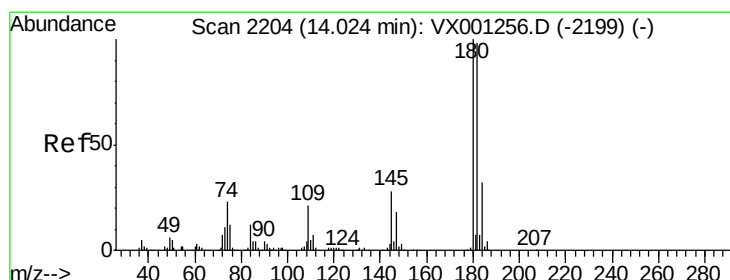
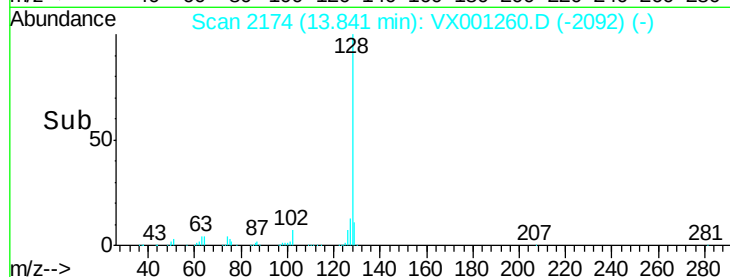
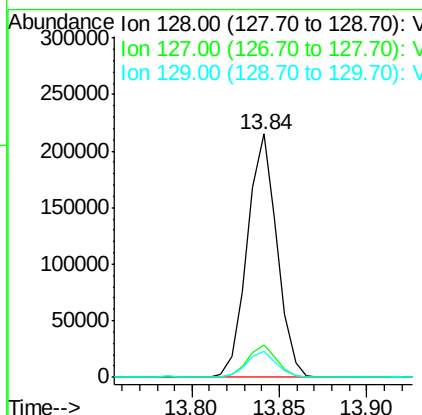
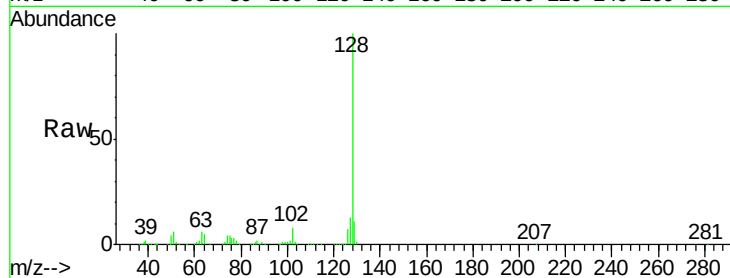
ClientSampleId :

ICVVX043018

Tot Ion:	128	Resp:	253911
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.9	9.0	13.6

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.11 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001260.D

Acq: 30 Apr 2018 17:30

Tgt Ion:	180	Resp:	98468
Ion Ratio	Lower	Upper	
180	100		
182	96.2	0.0	188.6
145	29.2	0.0	65.8

