

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001259.D
 Acq On : 30 Apr 2018 12:18
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 11:08:05 AM

Quant Time: Apr 30 13:31:32 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Apr 30 13:23:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	39917	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	217576	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	210252	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	85150	14.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	46.97%#
60) 4-Bromofluorobenzene	11.14	95	109676	15.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	52.03%#
63) Toluene-d8	8.72	98	268232	14.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	46.93%#

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	404235	155.62	ug/l	99
3) Chloromethane	1.32	50	369119	151.40	ug/l	97
4) Vinyl Chloride	1.41	62	375227	145.59	ug/l	100
5) Bromomethane	1.64	94	269641	136.91	ug/l	100
6) Chloroethane	1.71	64	231843	147.38	ug/l	100
7) Trichlorofluoromethane	1.92	101	627944	146.94	ug/l	100
8) Diethyl Ether	2.19	74	217793	146.75	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	347169	142.39	ug/l	94
10) 1,1-Dichloroethene	2.37	96	324065	147.77	ug/l	92
11) Methyl Iodide	2.51	142	468387	184.15	ug/l	95
12) Methyl Acetate	2.78	43	433019	150.81	ug/l	97
13) Acrolein	2.30	56	265203	155.94	ug/l	100
14) Acrylonitrile	3.16	53	876895	154.13	ug/l	100
15) Acetone	2.45	58	254383	141.25	ug/l	89
16) Carbon Disulfide	2.57	76	907969	157.74	ug/l	98
17) Allyl chloride	2.73	41	589789	152.52	ug/l	97
18) Methylene Chloride	2.86	84	340965	141.44	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	349390	147.78	ug/l	92
20) Diisopropyl ether	3.88	45	1178052	155.39	ug/l	97
21) 1,1-Dichloroethane	3.70	63	574199	137.62	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	382325	144.09	ug/l	97
23) tert-Butyl Alcohol	3.09	59	372440	161.82	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	1123968	149.87	ug/l	96
25) Chloroform	5.23	83	657964	146.61	ug/l	100
26) Cyclohexane	5.58	56	553373	147.90	ug/l	# 94
29) 1,1-Dichloropropene	5.81	75	494373	154.23	ug/l	99
30) 2-Butanone	4.71	43	1270011	154.74	ug/l	97
31) 2,2-Dichloropropane	4.59	77	537629	153.48	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	607482	157.26	ug/l	99
33) Carbon Tetrachloride	5.79	117	555923	160.31	ug/l	96
34) Benzene	6.15	78	1428898	149.50	ug/l	95
35) Methacrylonitrile	5.07	41	293873	163.13	ug/l	93
36) 1,2-Dichloroethane	6.21	62	549522	149.87	ug/l	100
37) Trichloroethene	7.22	130	426538	146.60	ug/l	97
38) Methylcyclohexane	7.46	83	579068	153.35	ug/l	96
39) 1,2-Dichloropropane	7.52	63	362694	149.66	ug/l	99
40) Dibromomethane	7.67	93	256868	150.92	ug/l	88

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Manual Integrations
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Quant Time: Apr 30 13:31:32 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Apr 30 13:23:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	516588	163.31	ug/l	99
42) Vinyl Acetate	3.83	43	5105717	159.05	ug/l	98
43) Ethyl Acetate	4.87	43	504473	160.89	ug/l	99
44) Isopropyl Acetate	6.47	43	872535	164.26	ug/l	98
45) 1,4-Dioxane	7.76	88	162080	168.86	ug/l	96
46) Methyl methacrylate	7.79	41	463074	168.50	ug/l	90
47) n-amyl Acetate	10.91	43	907745	182.28	ug/l	96
48) t-1,3-Dichloropropene	8.45	75	622115	168.12	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	608046	172.53	ug/l	92
50) 1,1,2-Trichloroethane	9.22	97	392085	156.20	ug/l	99
51) Ethyl methacrylate	9.19	69	606710	173.52	ug/l	93
52) 1,3-Dichloropropane	9.38	76	625866	153.75	ug/l	99
53) Dibromochloromethane	9.59	129	468200	172.68	ug/l	98
54) 1,2-Dibromoethane	9.68	107	424627	158.54	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1379405	157.80	ug/l	100
56) Bromoform	10.87	173	420548	194.97	ug/l #	98
58) 4-Methyl-2-Pentanone	8.66	43	2809613	164.04	ug/l	99
59) 2-Hexanone	9.51	43	2184629	163.62	ug/l	97
61) Tetrachloroethene	9.34	164	438057	132.85	ug/l	91
62) Toluene	8.79	91	1688642	149.30	ug/l	99
64) Chlorobenzene	10.15	112	1142253	149.79	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	434176	157.55	ug/l	96
66) Ethyl Benzene	10.26	91	1916532	152.44	ug/l	99
67) m/p-Xylenes	10.37	106	1545095	155.29	ug/l	98
68) o-Xylene	10.71	106	749797	156.10	ug/l	100
69) Styrene	10.72	104	1289919	162.76	ug/l	99
70) Isopropylbenzene	11.02	105	2028396	155.35	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	626080	165.72	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	578376m	172.60	ug/l	
73) Bromobenzene	11.26	156	591617	156.06	ug/l	96
74) n-propylbenzene	11.37	91	2314383	157.34	ug/l	99
75) 2-Chlorotoluene	11.43	91	1382113	155.25	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	1757983	158.72	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	196359	205.29	ug/l	93
78) 4-Chlorotoluene	11.52	91	1677902	158.76	ug/l	99
79) tert-butylbenzene	12.07	119	1904557	161.23	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	1771202	156.71	ug/l	100
81) sec-Butylbenzene	11.95	105	2025143	157.14	ug/l	99
82) p-Isopropyltoluene	12.07	119	1904557	161.23	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	1077271	155.79	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	1108531	157.63	ug/l	99
85) n-Butylbenzene	12.40	91	1693676	167.08	ug/l	97
86) Hexachloroethane	12.60	117	322574	184.00	ug/l	70
87) 1,2-Dichlorobenzene	12.40	146	1085386	158.41	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	136444	174.88	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	836886	161.95	ug/l	98
90) Hexachlorobutadiene	13.79	225	390625	163.07	ug/l	97
91) Naphthalene	13.84	128	2210573	165.69	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	820431	160.56	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC150

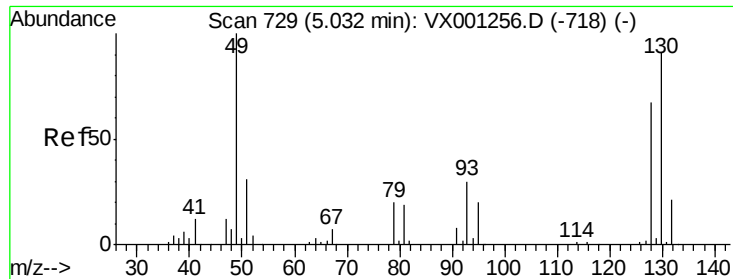
Manual Integrations
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QLast Update : Mon Apr 30 13:23:41 2018
Response via : Initial Calibration

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



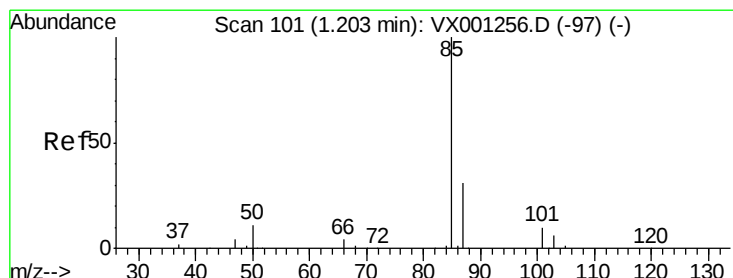
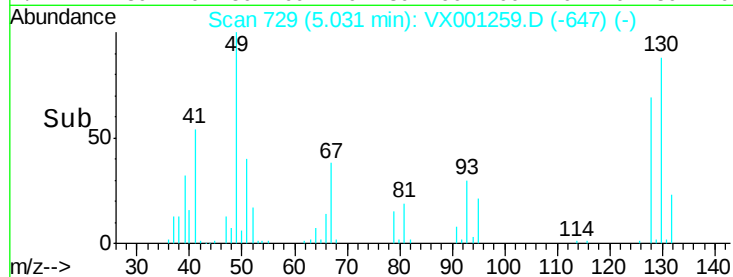
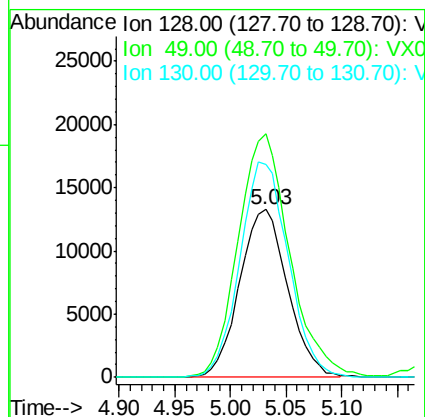
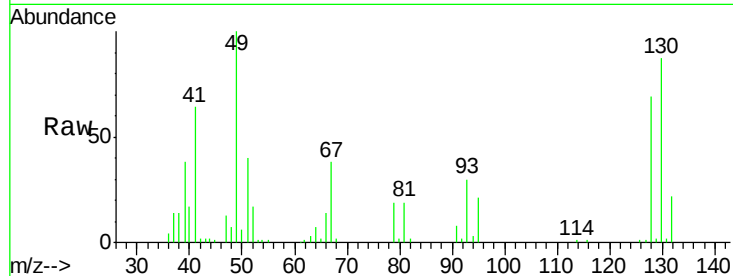
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	155.7	0.0	378.3
130	129.6	0.0	324.3

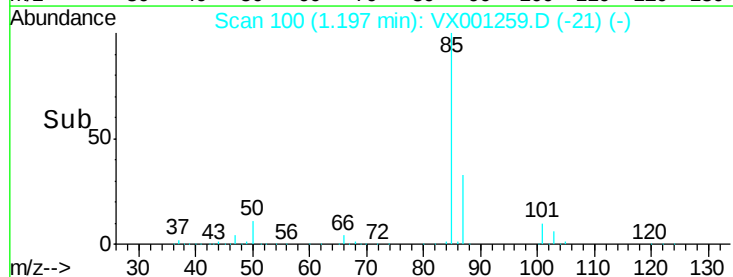
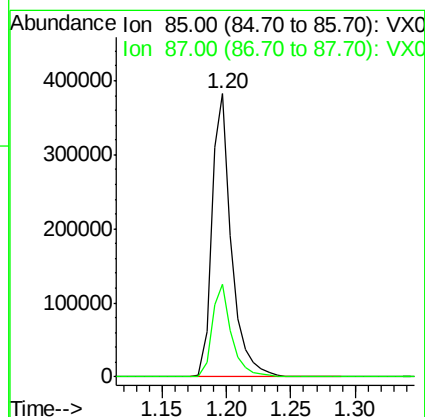
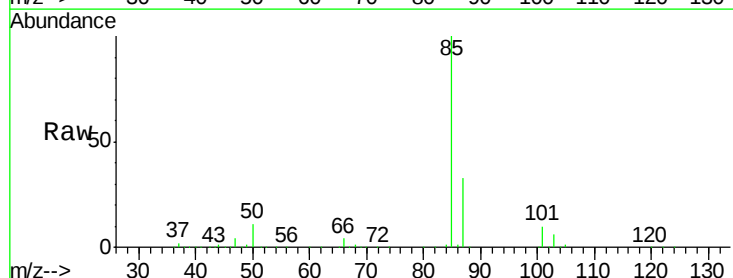
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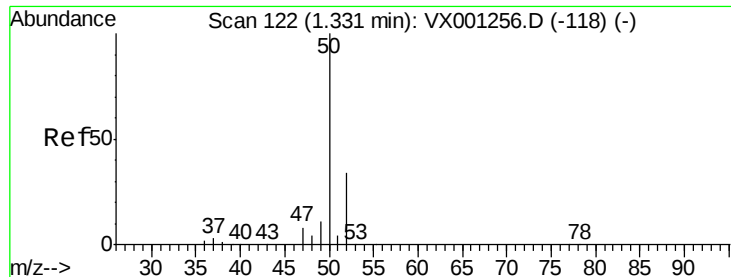
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#2
Dichlorodifluoromethane
Concen: 155.62 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.7





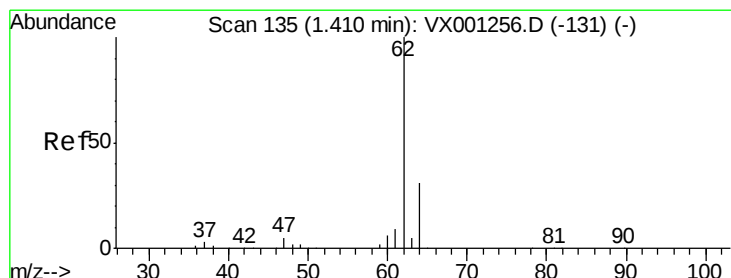
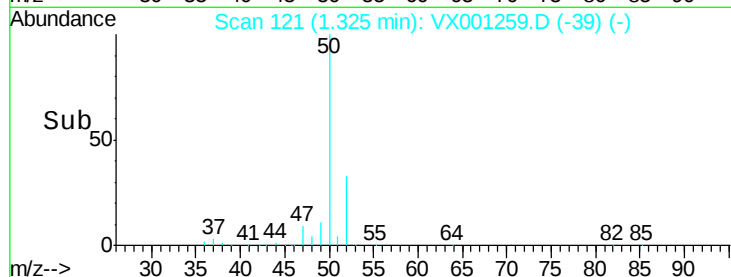
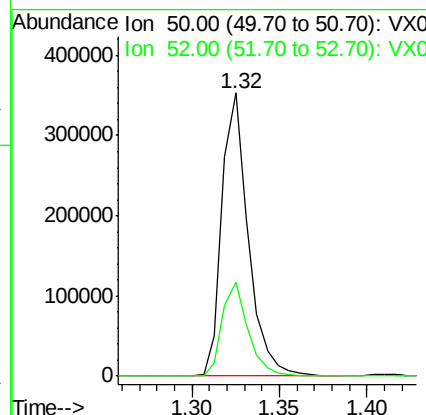
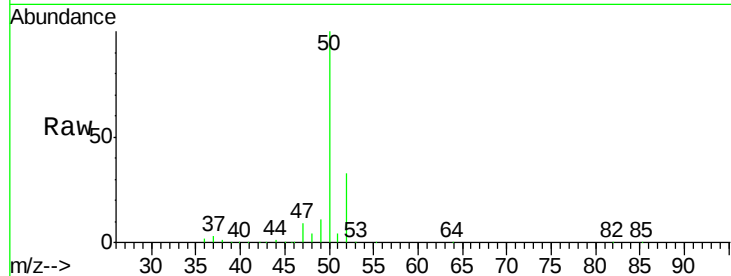
#3
Chloromethane
Concen: 151.40 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.2	27.8	41.6

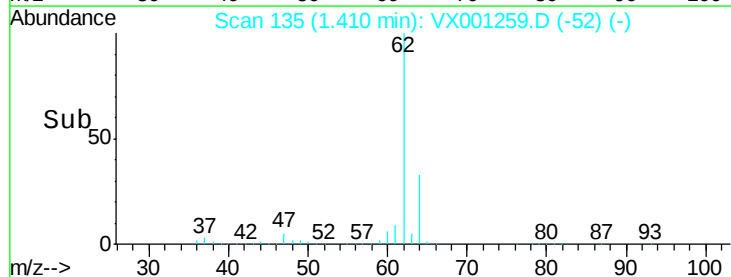
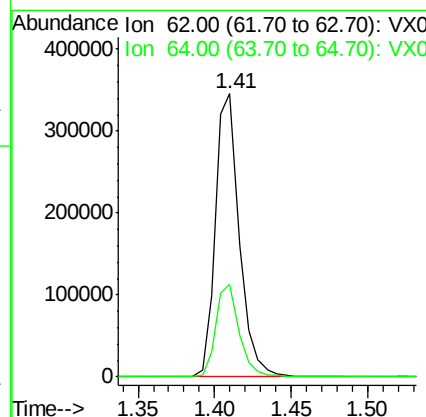
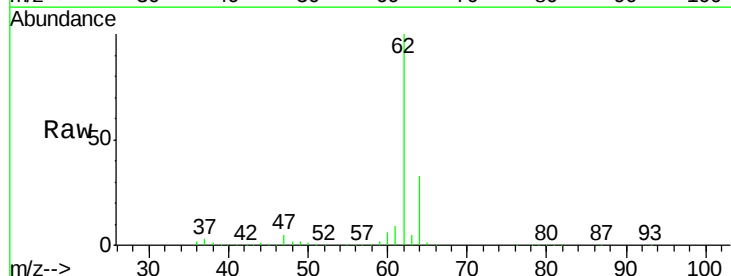
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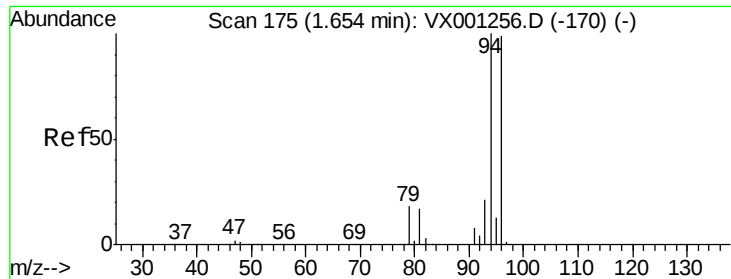
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#4
Vinyl Chloride
Concen: 145.59 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.0	39.0





#5

Bromomethane

Concen: 136.91 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 269641

Ion Ratio Lower Upper

94 100

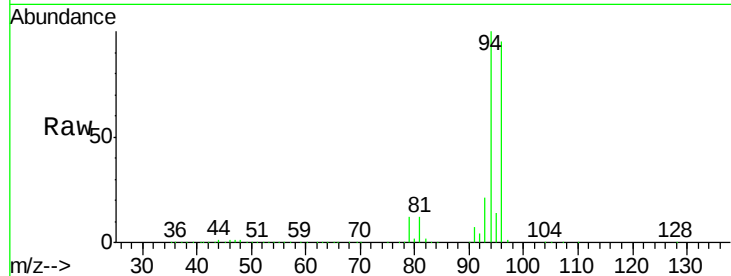
96 95.2 76.2 114.2

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

1.64

300000

250000

200000

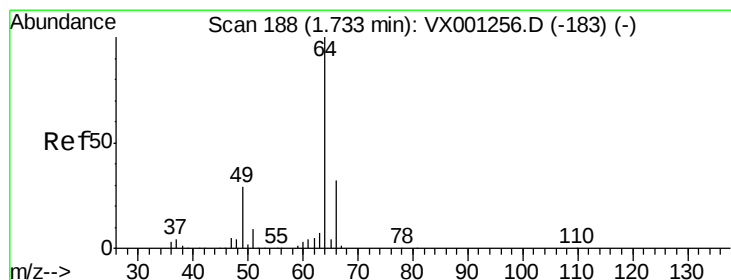
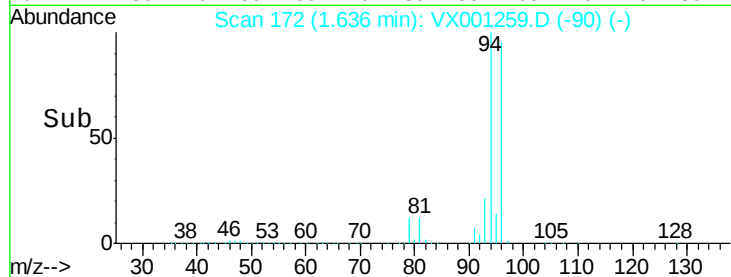
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 147.38 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001259.D

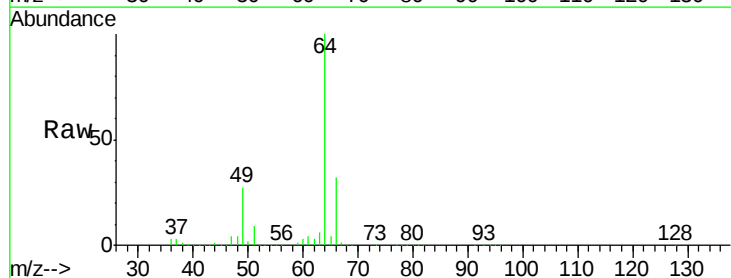
Acq: 30 Apr 2018 12:18

Tgt Ion: 64 Resp: 231843

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

200000

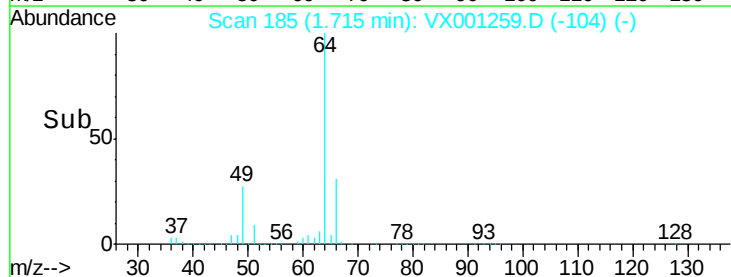
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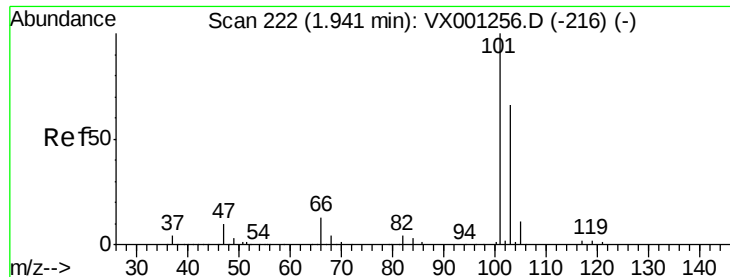
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Time-->





#7

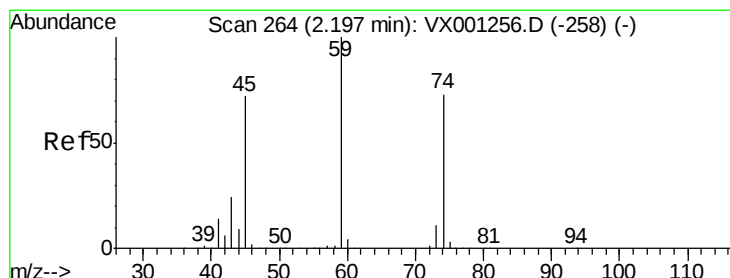
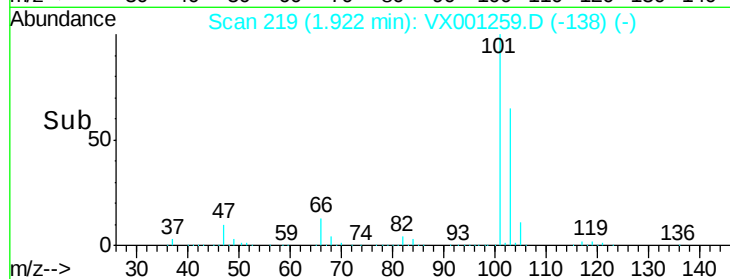
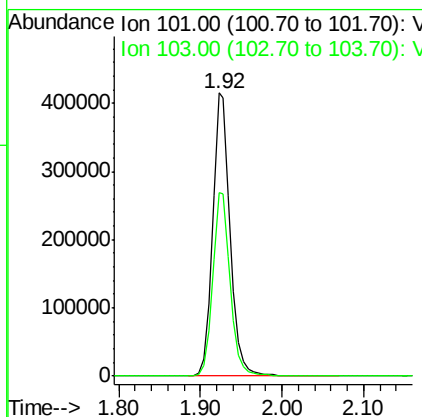
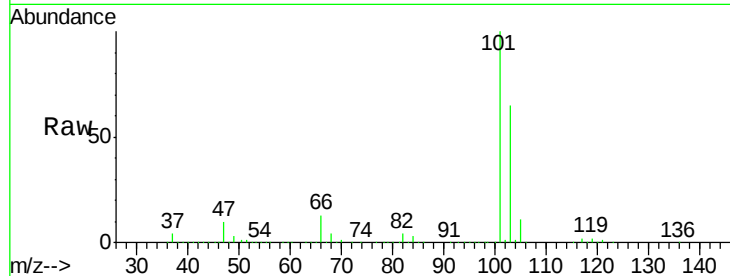
Trichlorofluoromethane
 Concen: 146.94 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.4

Manual Integrations
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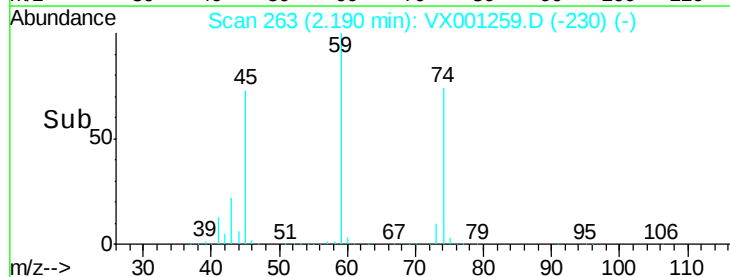
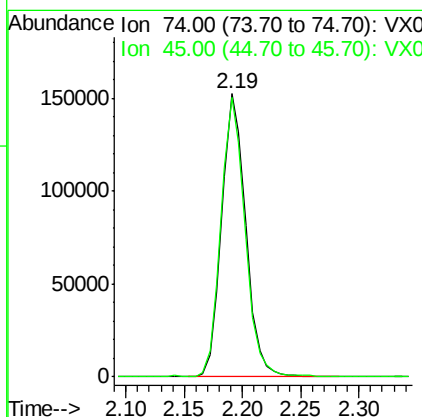
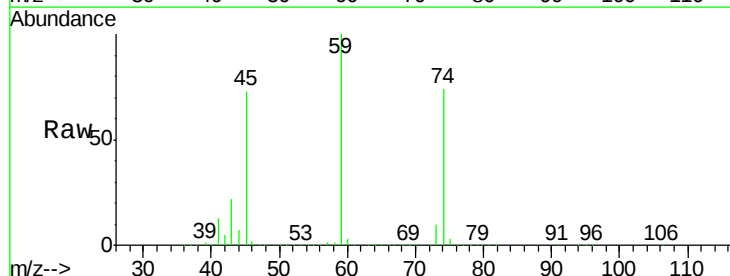
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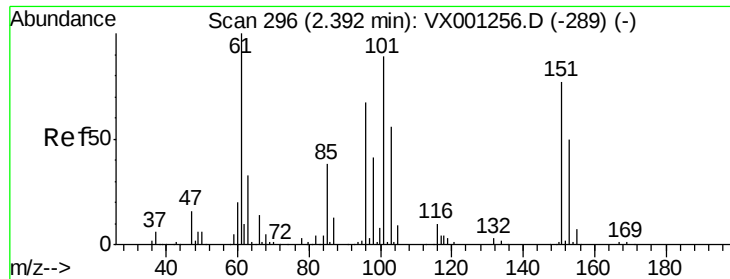


#8

Diethyl Ether
 Concen: 146.75 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.39 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

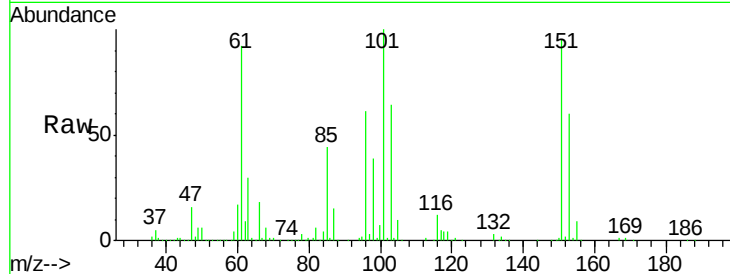
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	347169		
85	44.2	0.0	90.4	
151	92.1	0.0	167.6	

Manual Integrations
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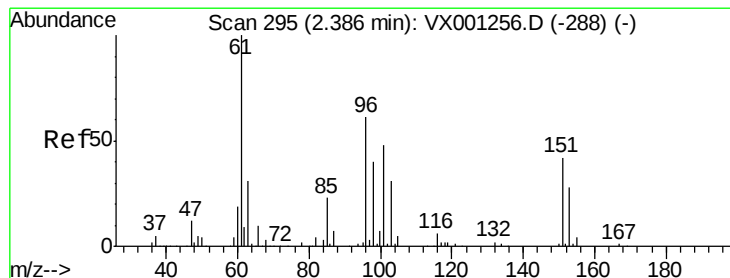
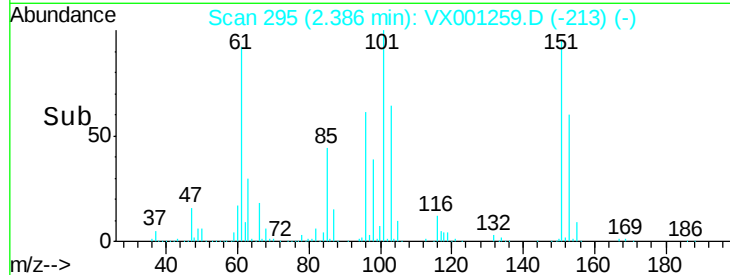
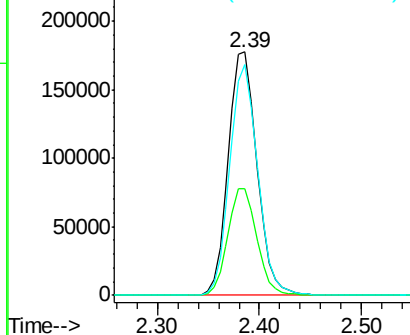
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 147.77 ug/l

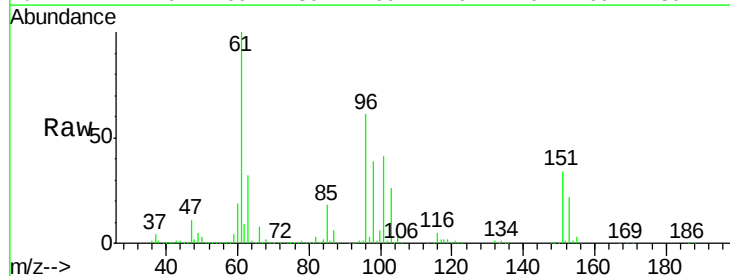
RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

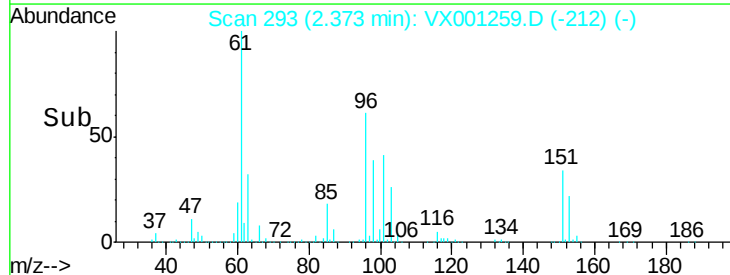
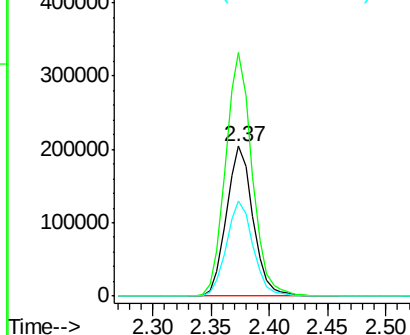
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	324065		
61	162.8	118.6	178.0	
98	63.6	51.0	76.6	

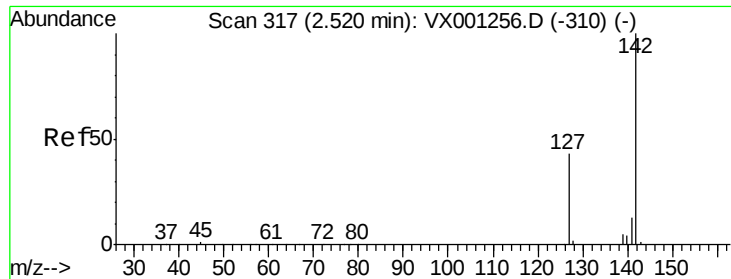


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





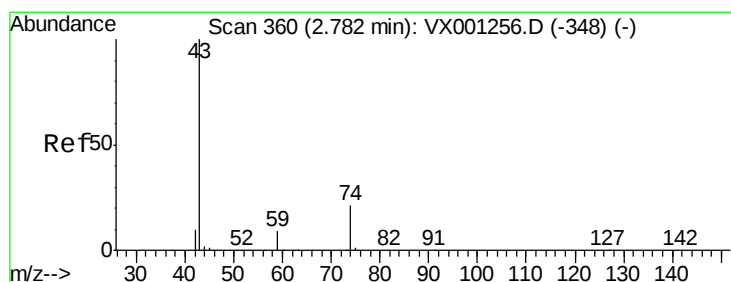
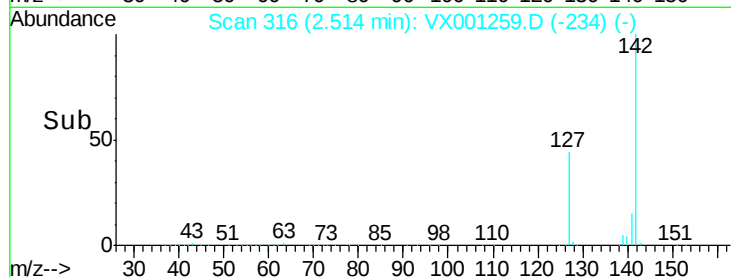
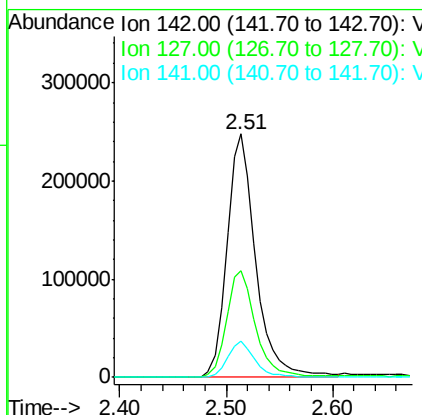
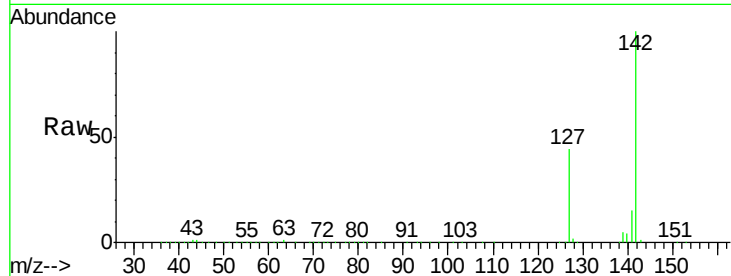
#11
Methyl Iodide
Concen: 184.15 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.8	23.8	71.5
141	14.7	8.2	24.4

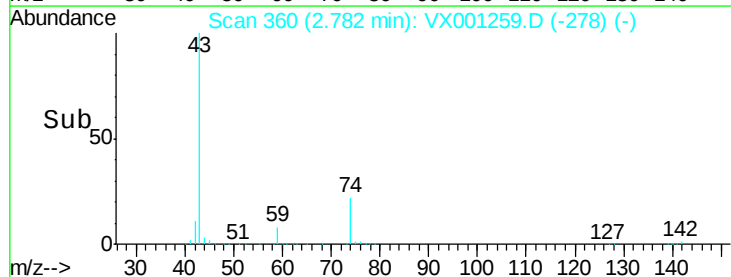
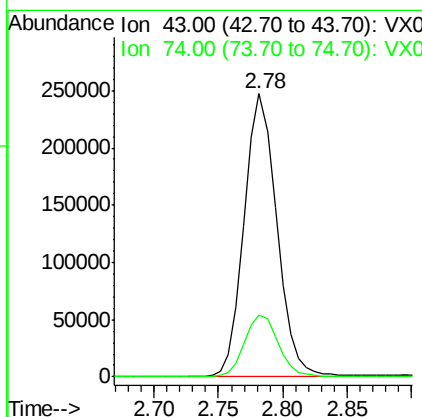
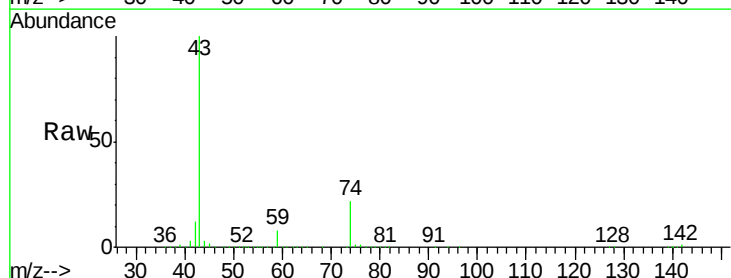
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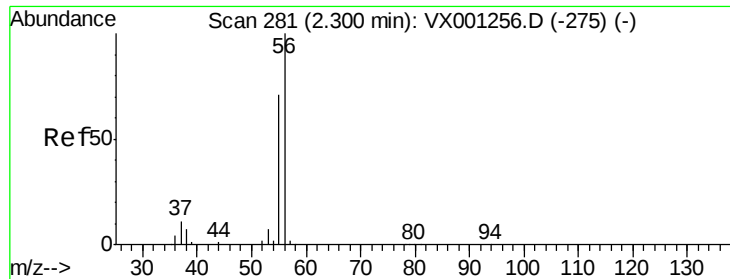
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#12
Methyl Acetate
Concen: 150.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.6	27.8





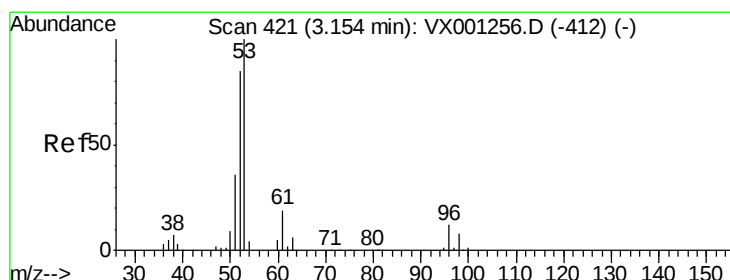
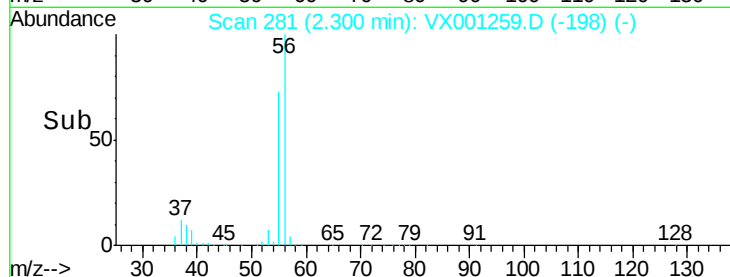
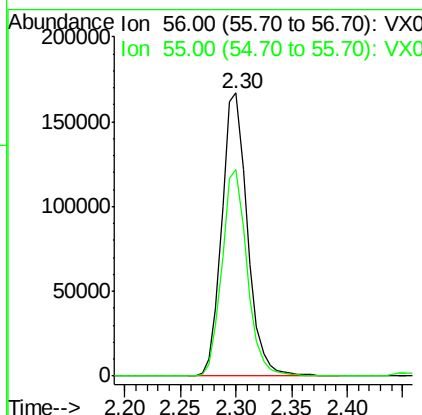
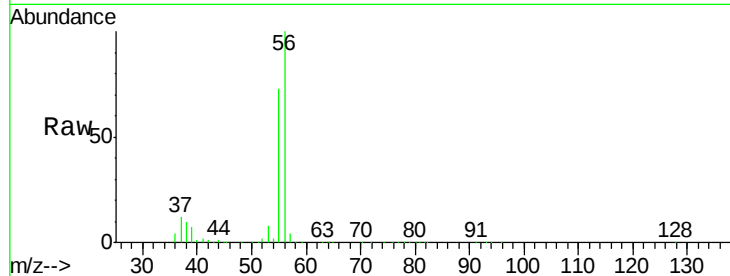
#13
Acrolein
Concen: 155.94 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.9	57.3	85.9	

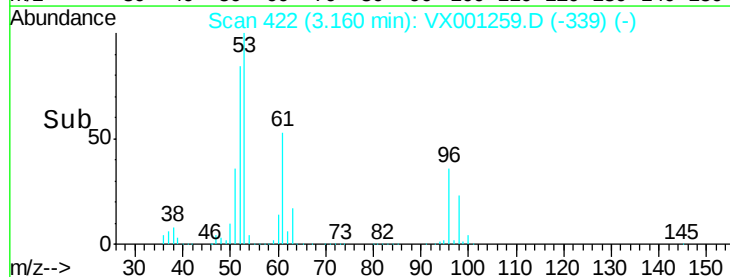
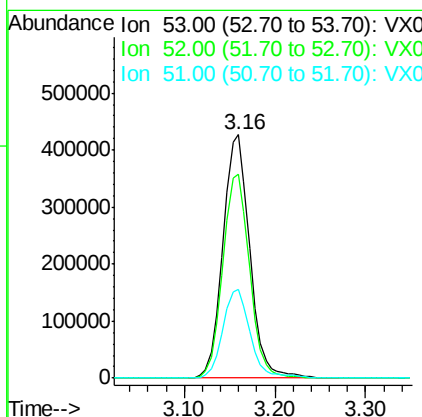
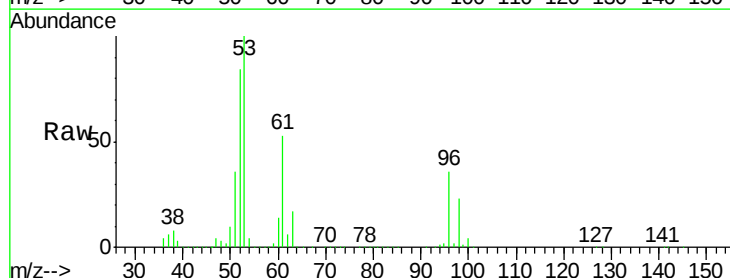
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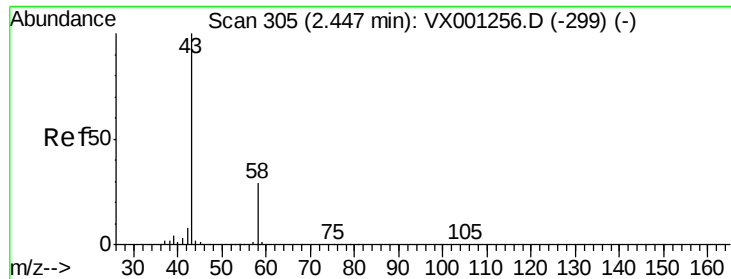
MMDadoda
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#14
Acrylonitrile
Concen: 154.13 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.7	41.9	125.8	
51	37.2	18.8	56.3	





#15

Acetone

Concen: 141.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 254383

Ion Ratio Lower Upper

58 100

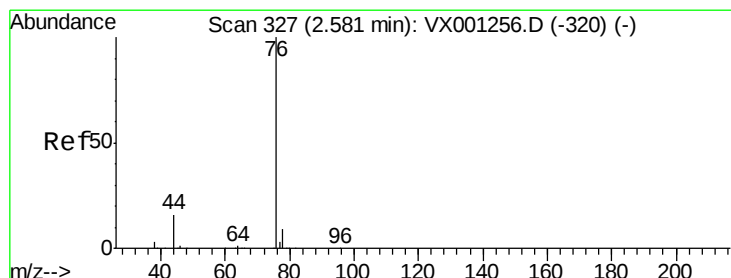
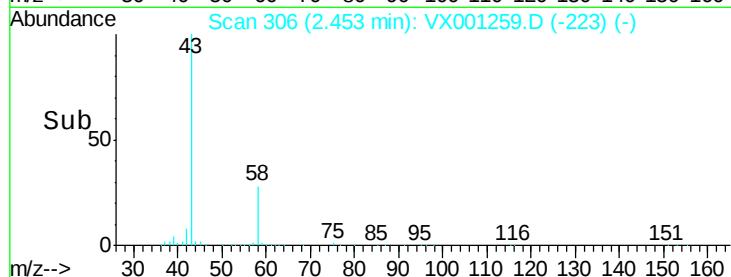
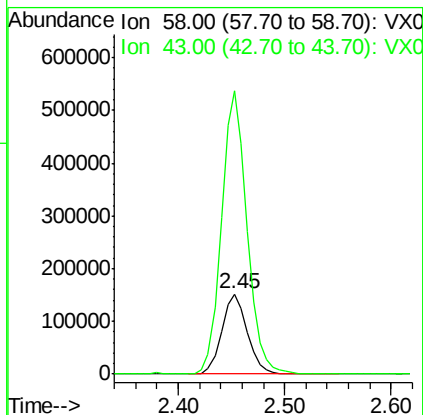
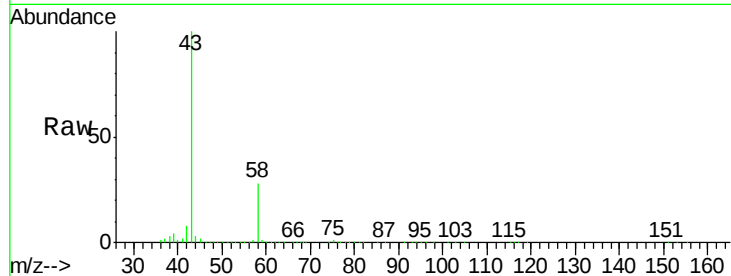
43 352.9 264.6 396.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 157.74 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001259.D

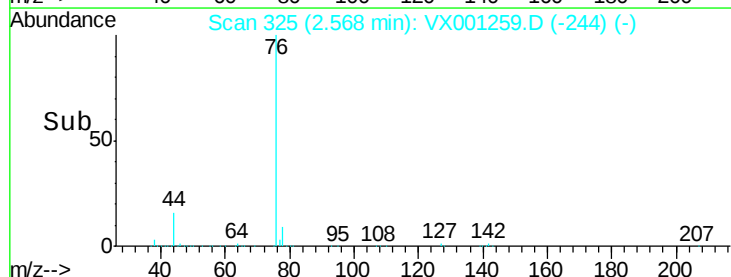
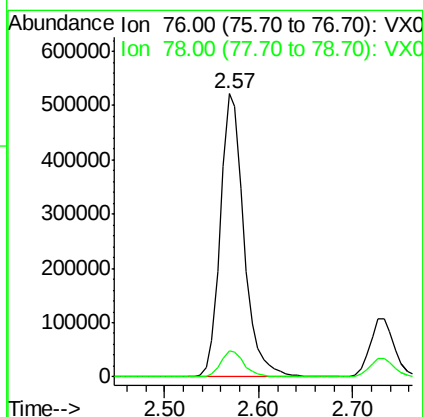
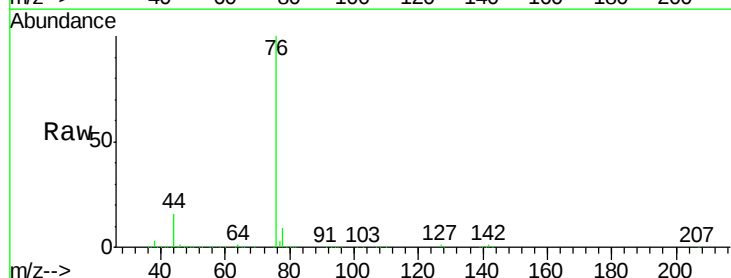
Acq: 30 Apr 2018 12:18

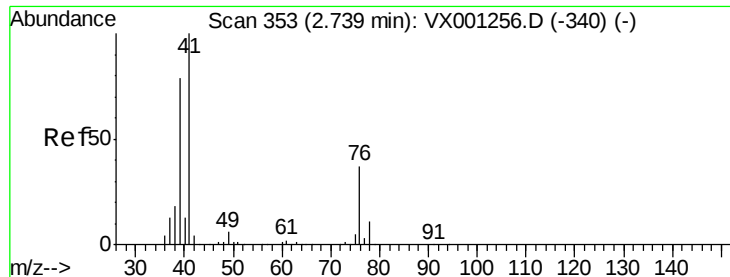
Tgt Ion: 76 Resp: 907969

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2





#17

Allvl chloride

Concen: 152.52 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

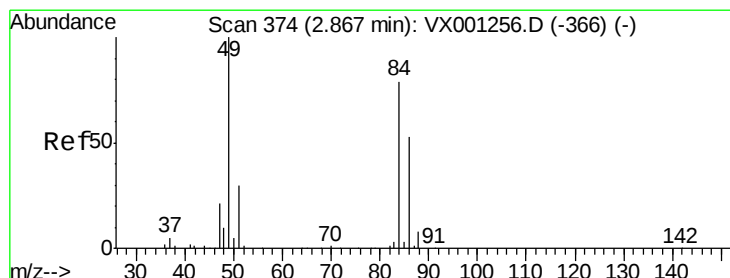
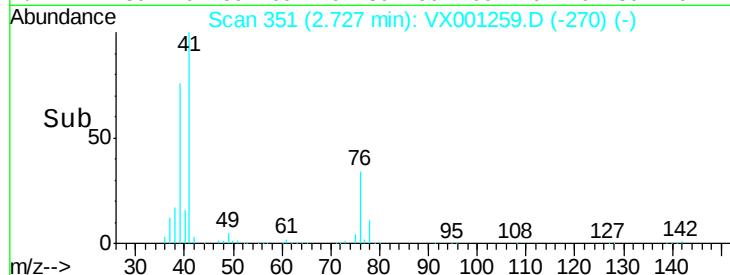
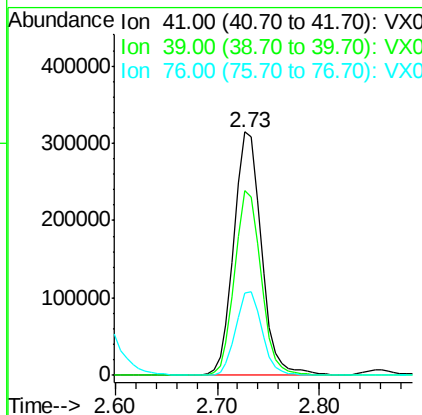
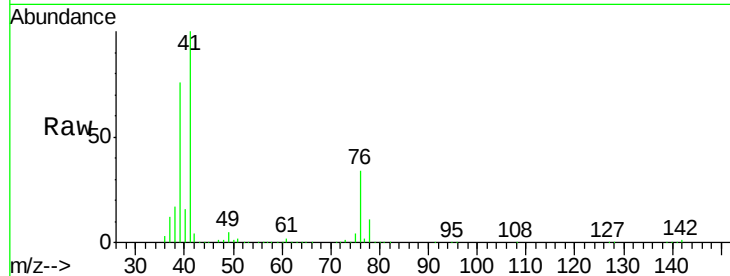
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	589789
Ion	Ratio	Lower	Upper
41	100		
39	76.0	38.5	115.5
76	33.7	18.7	56.1

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#18

Methylene Chloride

Concen: 141.44 ug/l

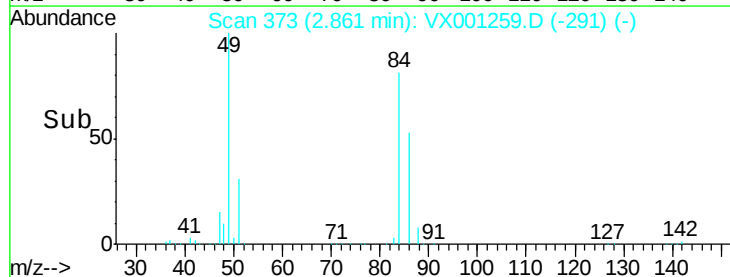
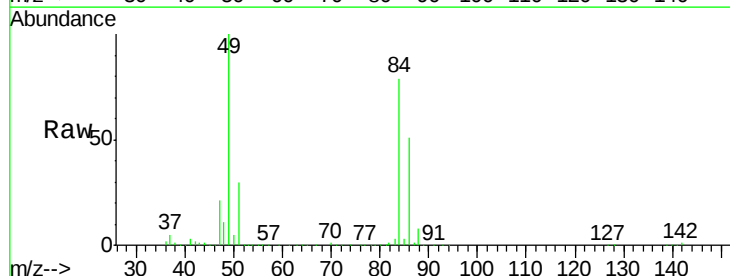
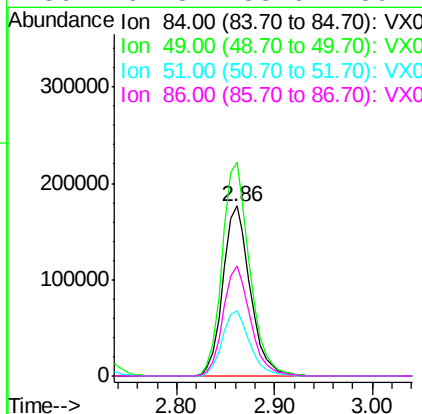
RT: 2.86 min Scan# 373

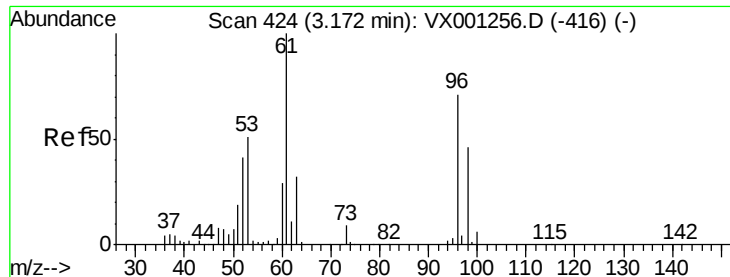
Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Tgt Ion:	84	Resp:	340965
Ion	Ratio	Lower	Upper
84	100		
49	125.8	103.3	154.9
51	38.0	31.2	46.8
86	64.8	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 147.78 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 349390

Ion Ratio Lower Upper

96 100

61 139.0 101.0 151.6

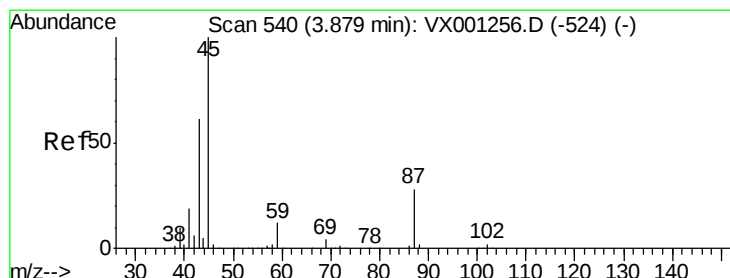
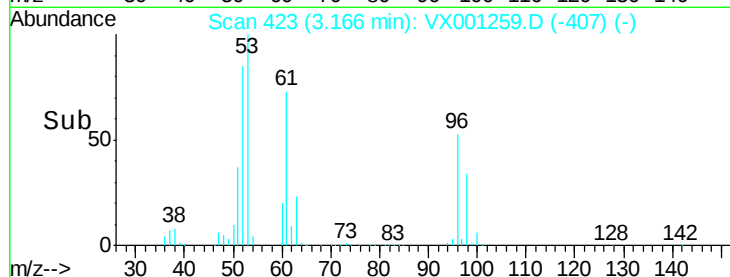
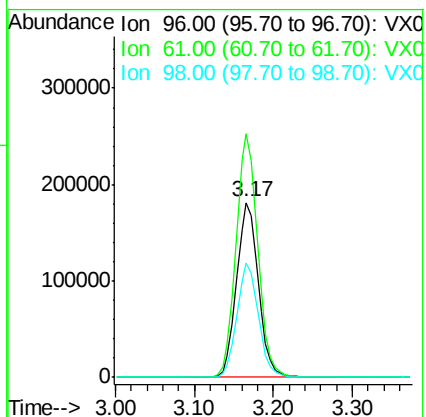
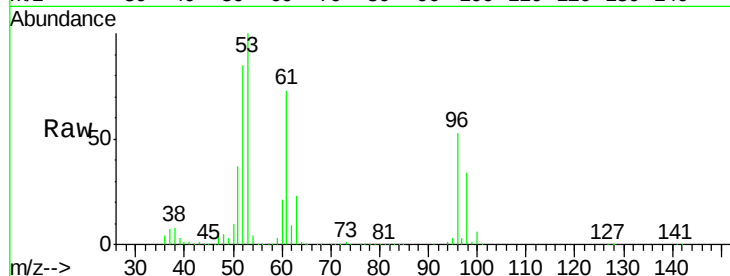
98 65.0 53.3 79.9

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#20

Diisopropyl ether

Concen: 155.39 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Tgt Ion: 45 Resp: 1178052

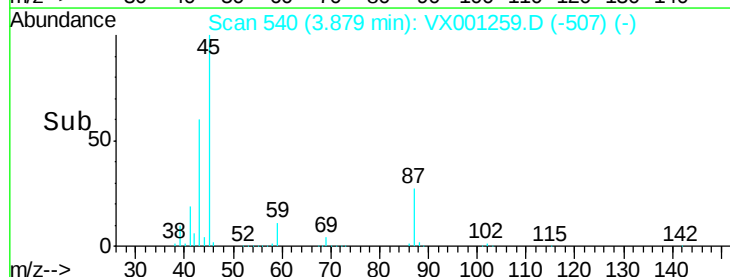
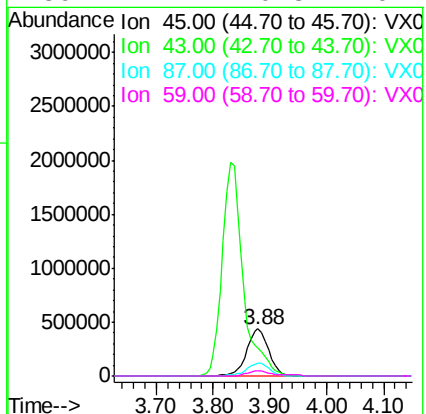
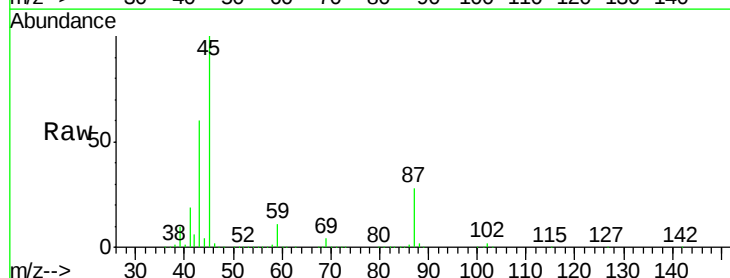
Ion Ratio Lower Upper

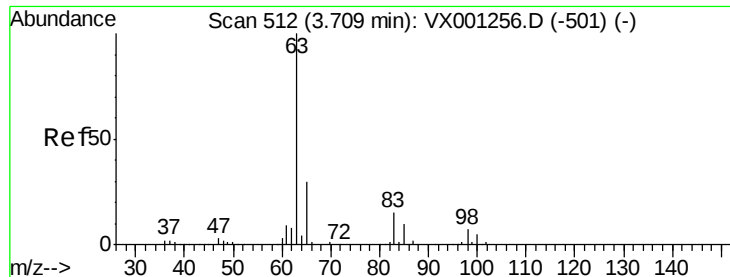
45 100

43 59.8 49.6 74.4

87 27.7 23.1 34.7

59 11.2 10.8 16.2





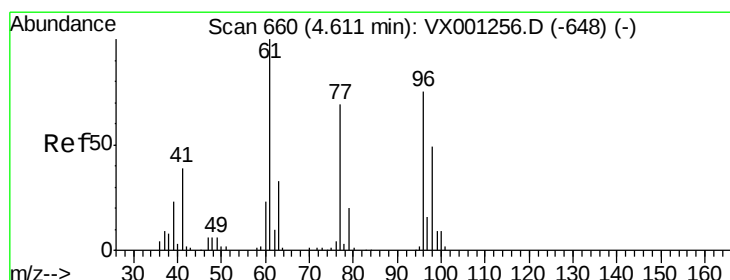
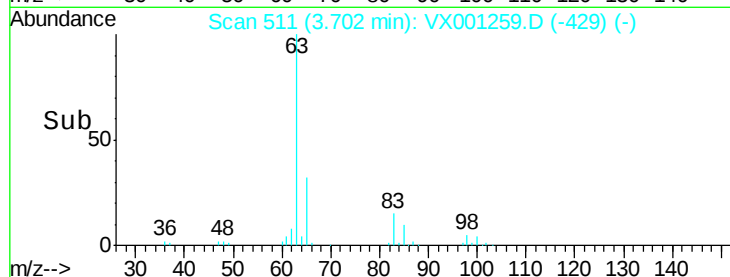
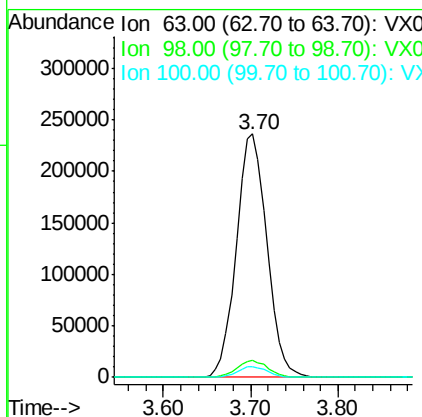
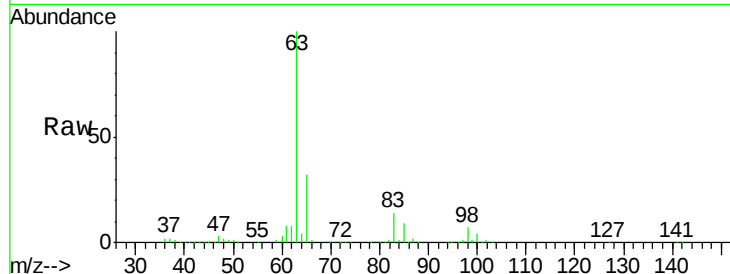
#21
 1,1-Dichloroethane
 Concen: 137.62 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
63	100	574199		
98	7.1		3.3	9.9
100	4.5		2.1	6.5

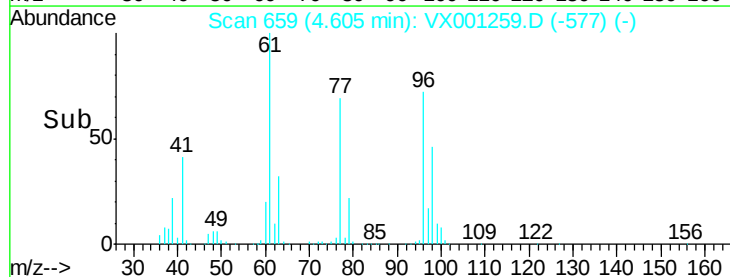
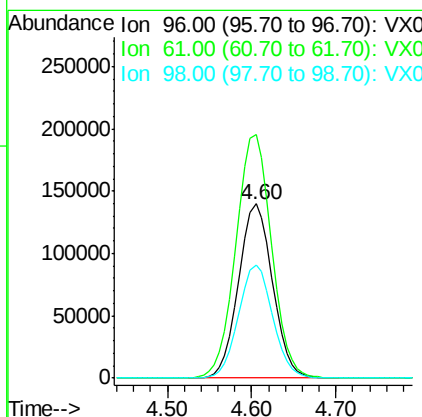
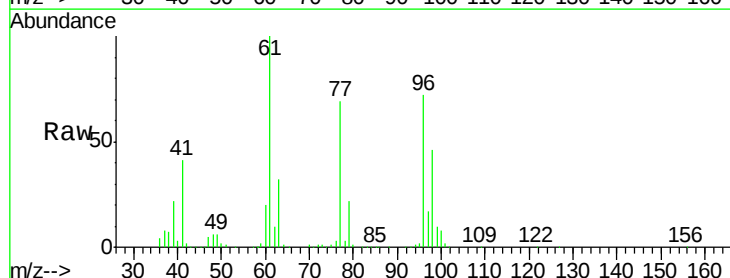
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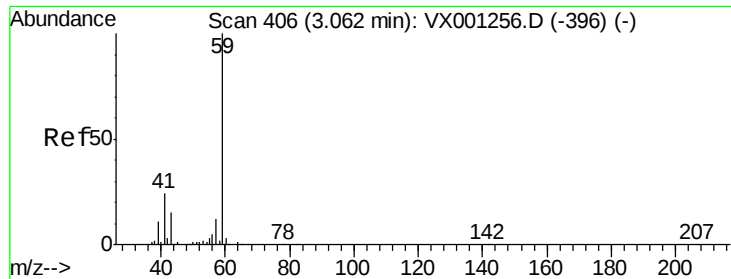
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#22
 cis-1,2-Dichloroethene
 Concen: 144.09 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	382325		
61	146.5		113.5	170.3
98	65.4		51.8	77.8





#23

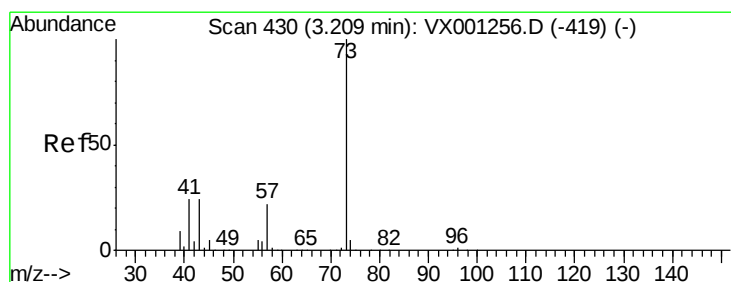
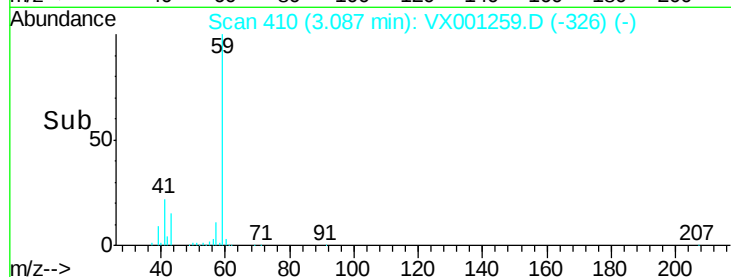
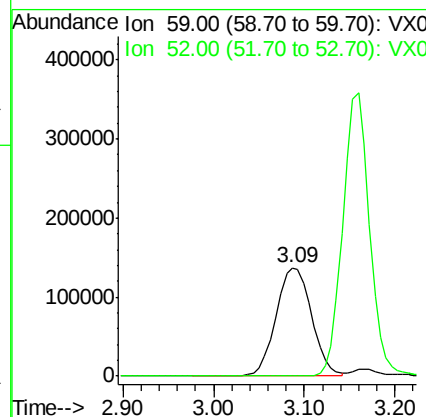
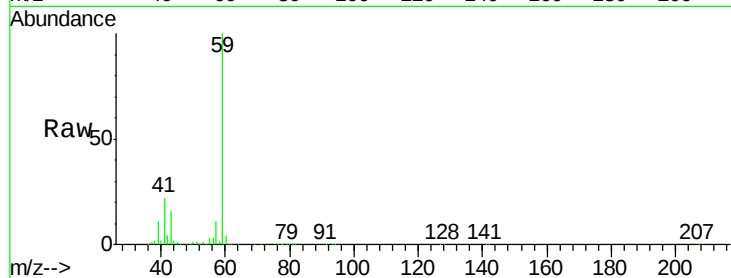
tert-Butyl Alcohol
Concen: 161.82 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

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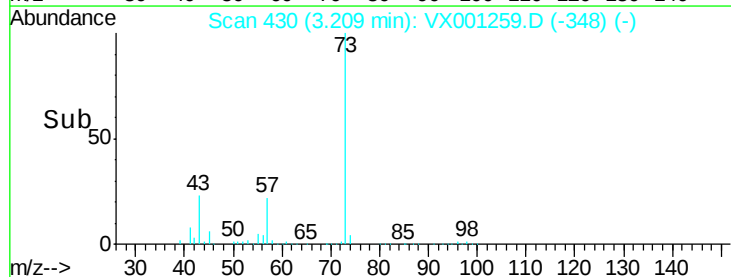
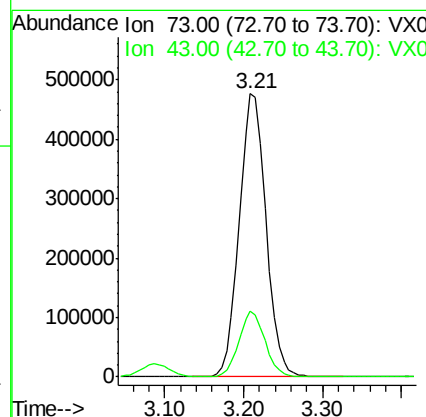
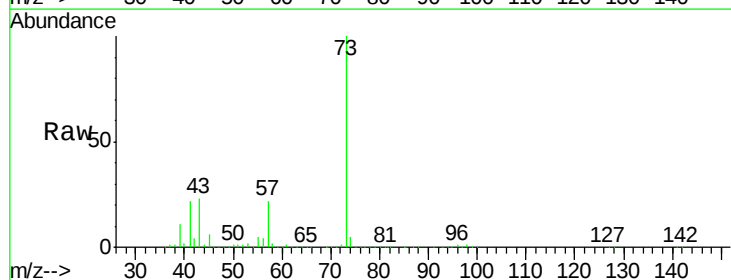
MMDadoda
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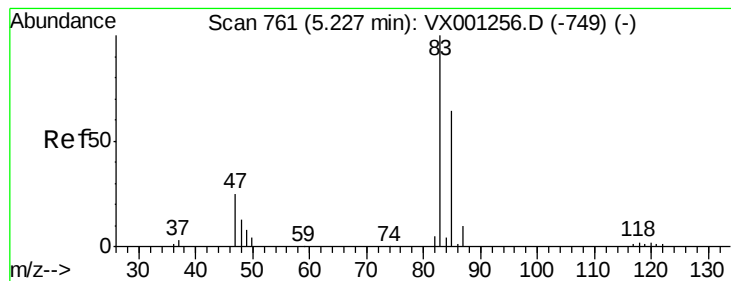


#24

Methyl tert-Butyl Ether
Concen: 149.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.6	16.5	24.7





#25

Chloroform

Concen: 146.61 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 83 Resp: 657964

Ion Ratio Lower Upper

83 100

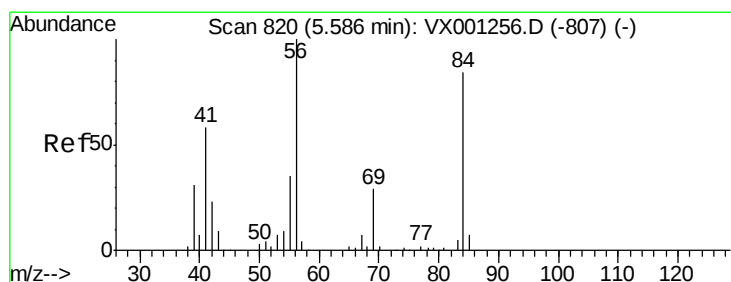
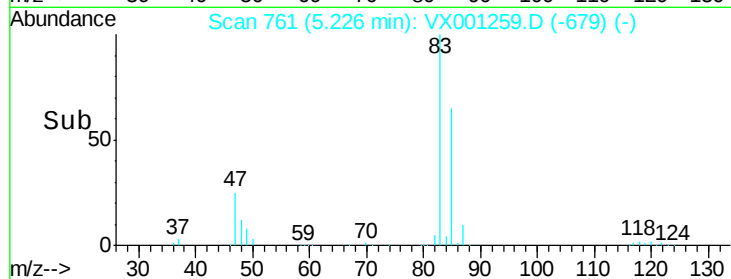
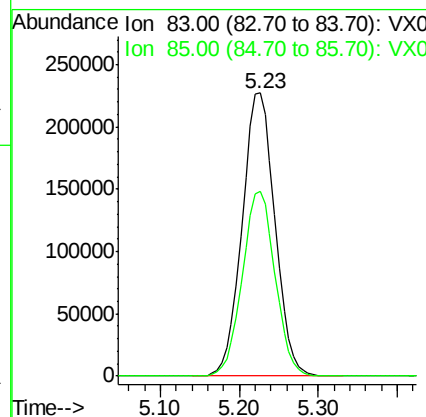
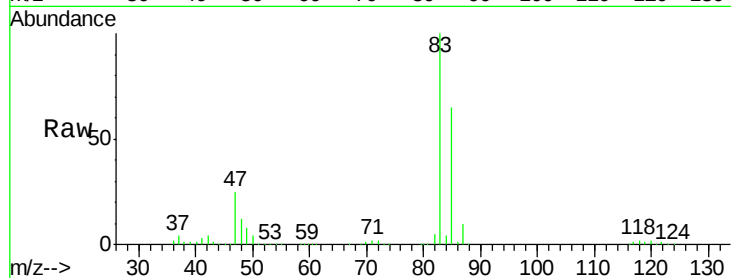
85 65.5 52.5 78.7

Manual Integrations

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#26

Cyclohexane

Concen: 147.90 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

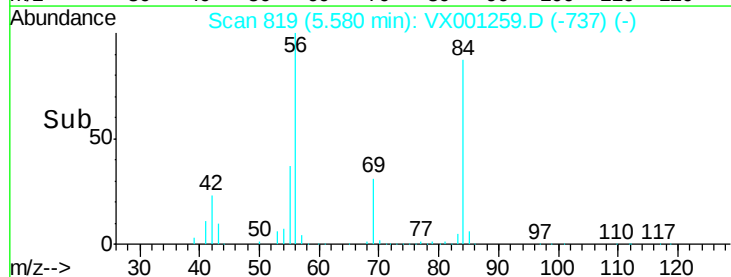
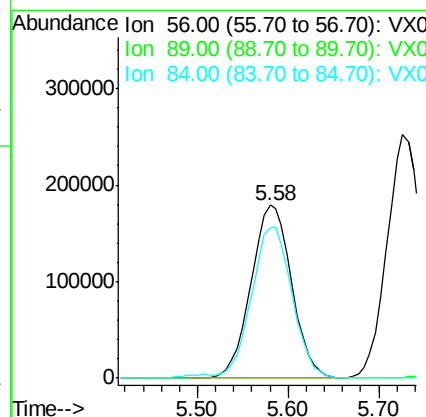
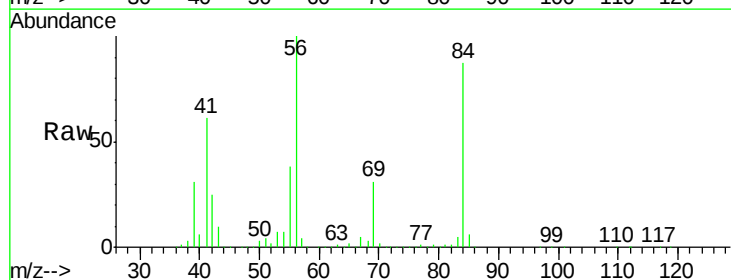
Tgt Ion: 56 Resp: 553373

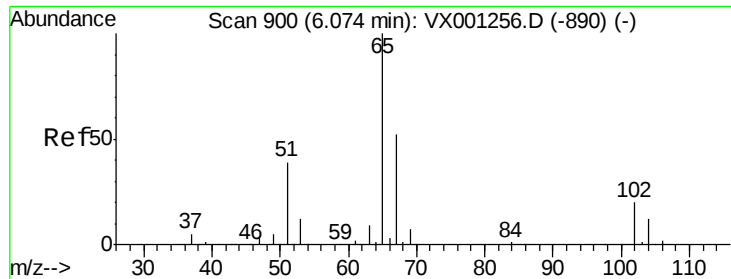
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.7 74.8 112.2





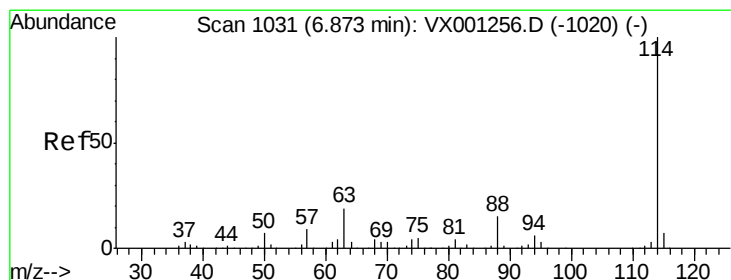
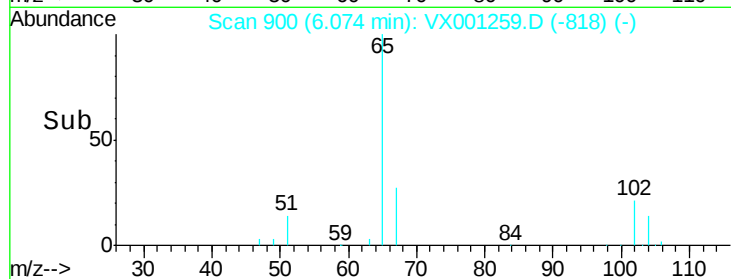
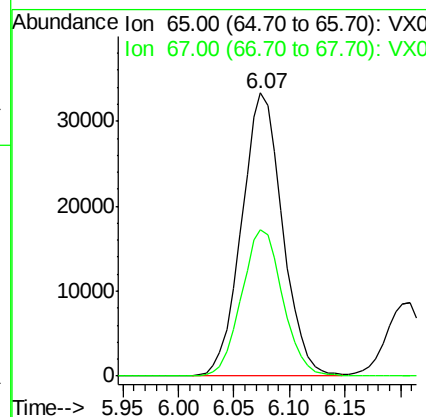
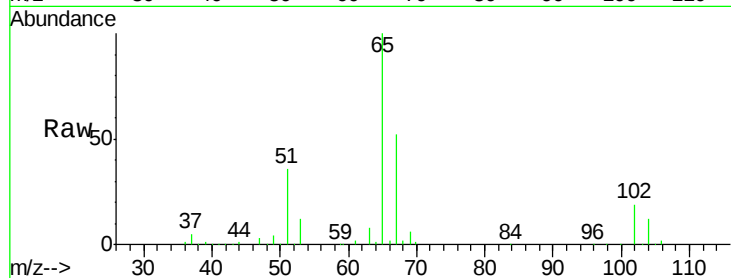
#27
 1,2-Dichloroethane-d4
 Concen: 14.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	41.4	62.2

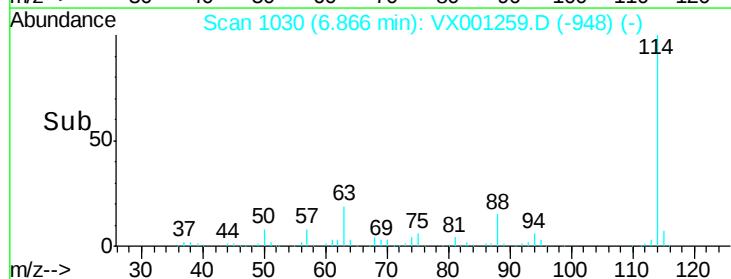
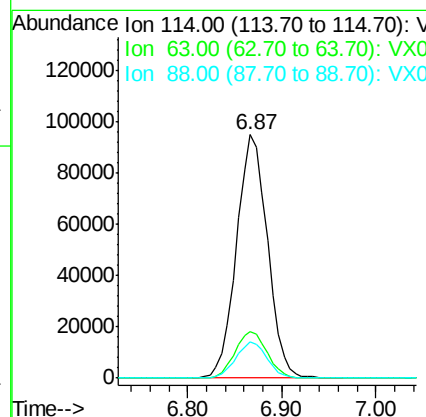
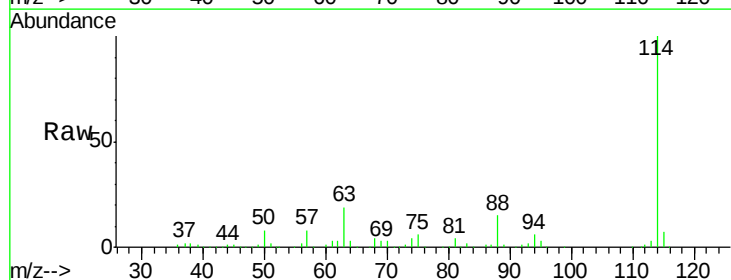
Manual Integrations
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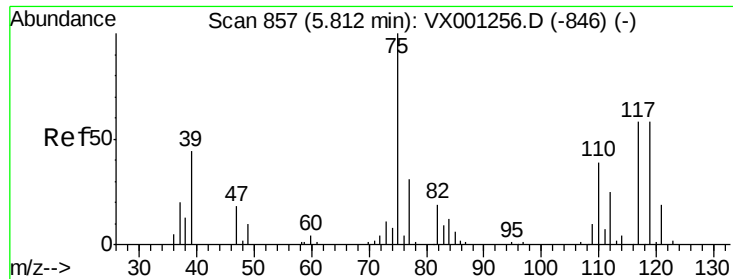
MMDadoda
 5/2/2018 11:08:05 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	15.0	22.4
88	15.0	11.8	17.8





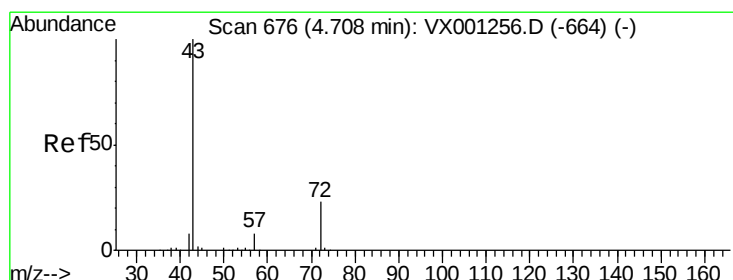
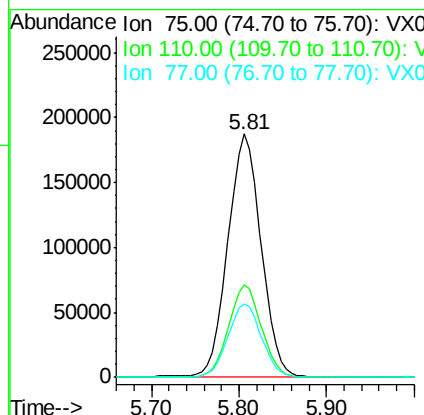
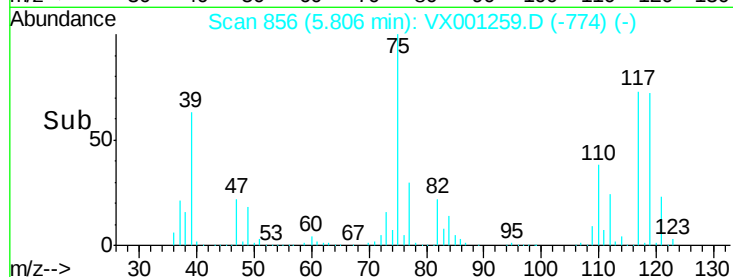
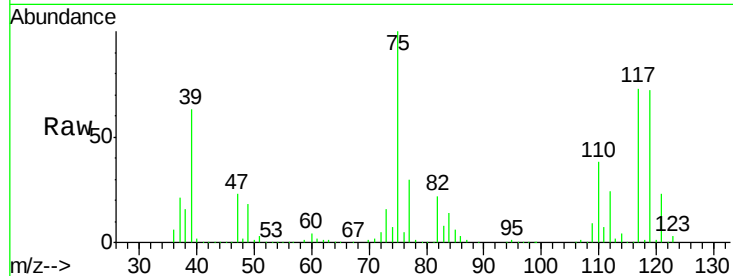
#29
 1,1-Dichloropropene
 Concen: 154.23 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.6	0.0	75.6
77	30.6	0.0	62.6

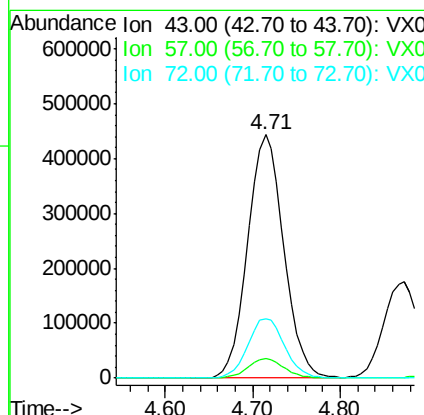
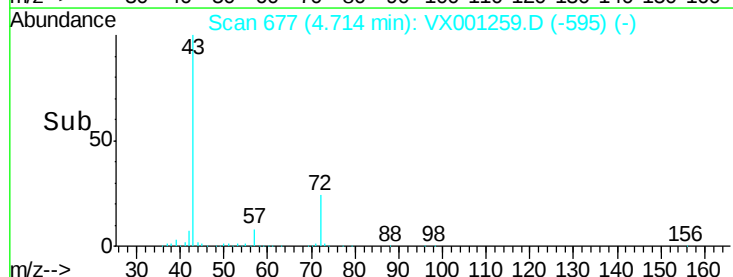
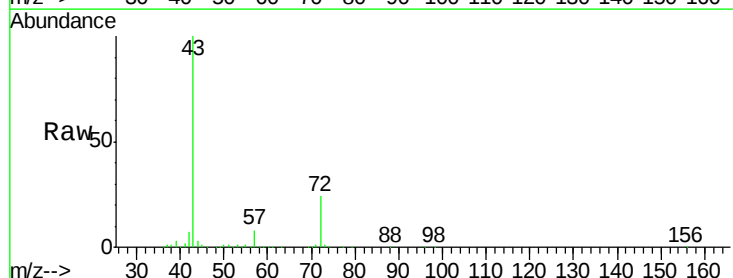
Manual Integrations
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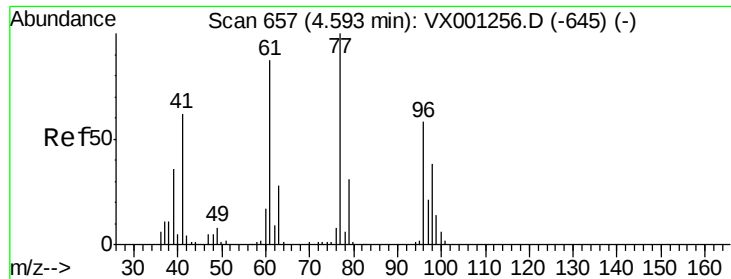
MMDadoda
 5/2/2018 11:08:05 AM



#30
 2-Butanone
 Concen: 154.74 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	10.0
72	25.0	21.8	32.6





#31

2,2-Dichloropropane

Concen: 153.48 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 537629

Ion Ratio Lower Upper

77 100

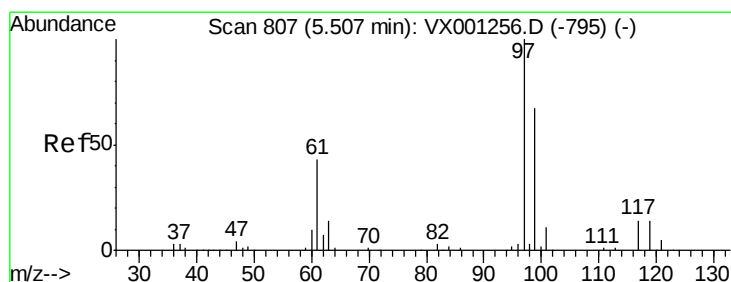
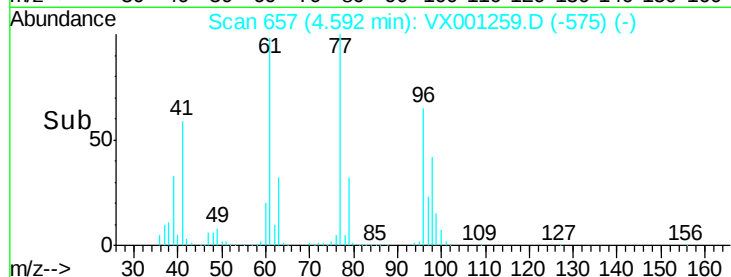
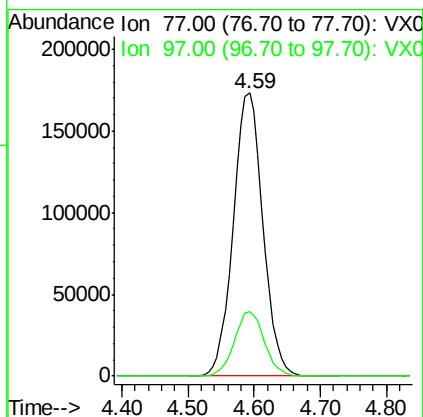
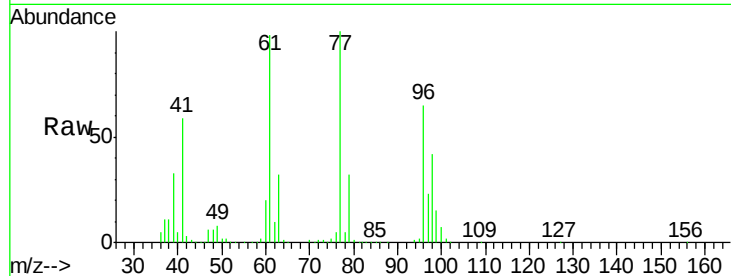
97 23.1 18.6 27.8

Manual Integrations

APPROVED

MMDadoda

5/2/2018 11:08:05 AM



#32

1,1,1-Trichloroethane

Concen: 157.26 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

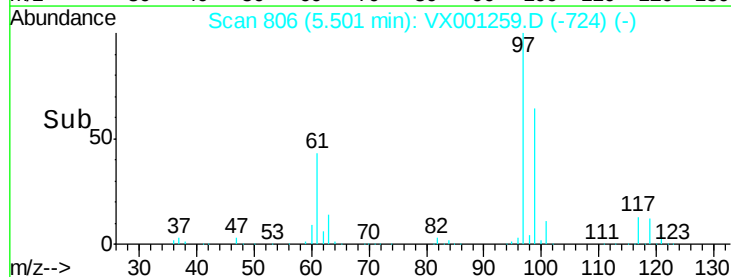
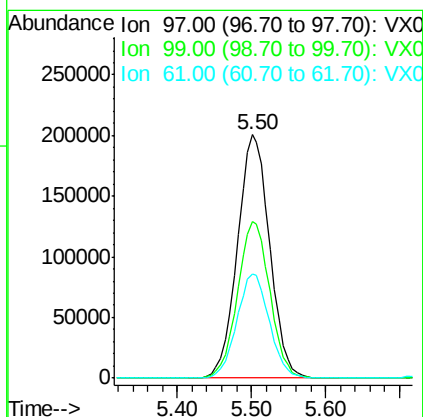
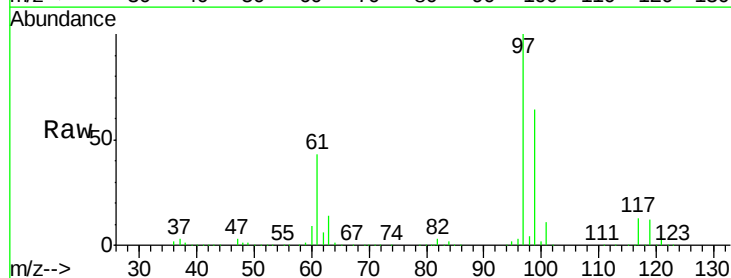
Tgt Ion: 97 Resp: 607482

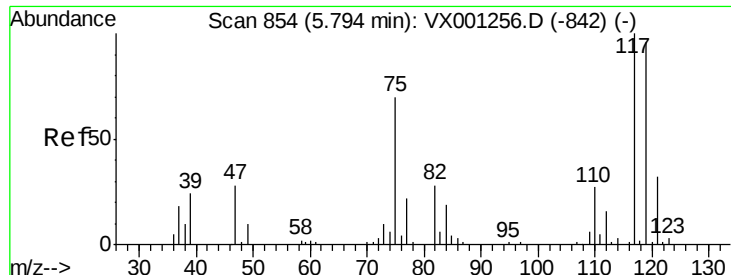
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

61 43.3 34.3 51.5





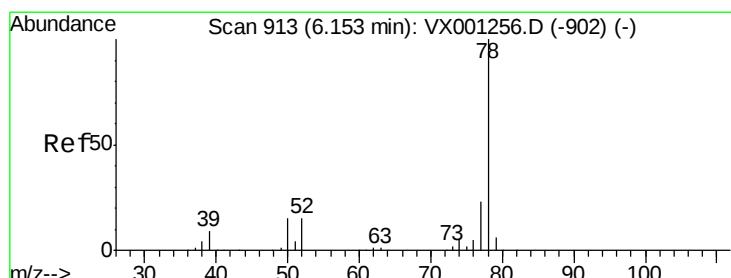
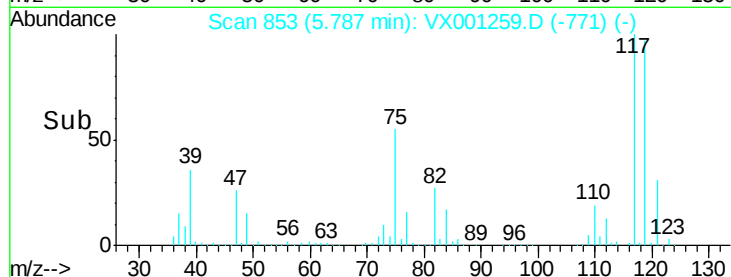
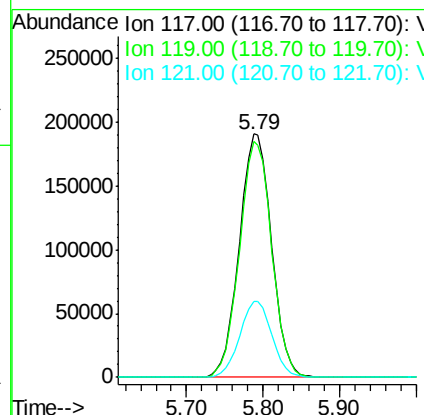
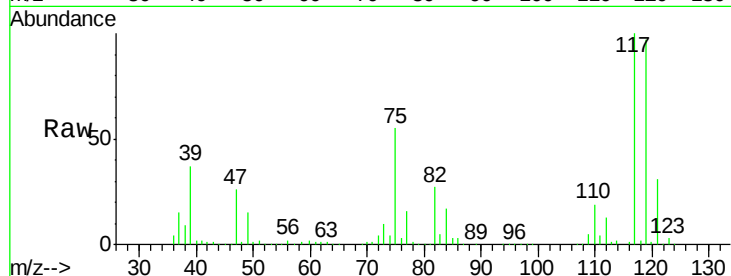
#33
Carbon Tetrachloride
Concen: 160.31 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.5	110.3
121	31.2	24.6	37.0

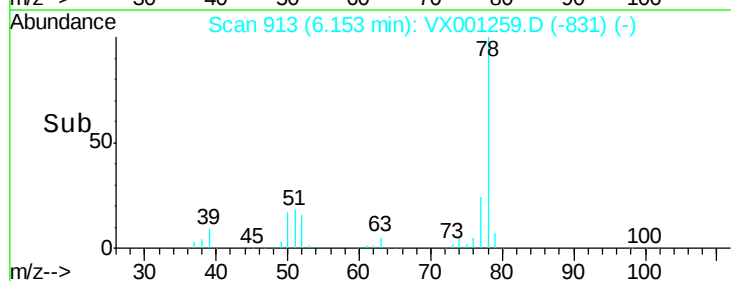
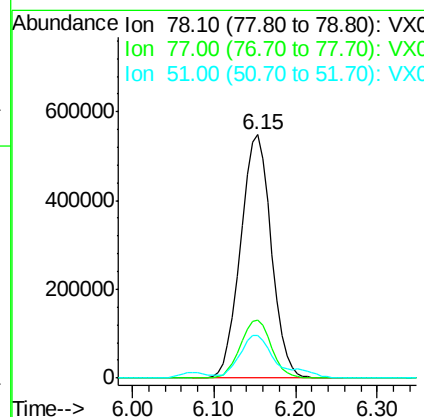
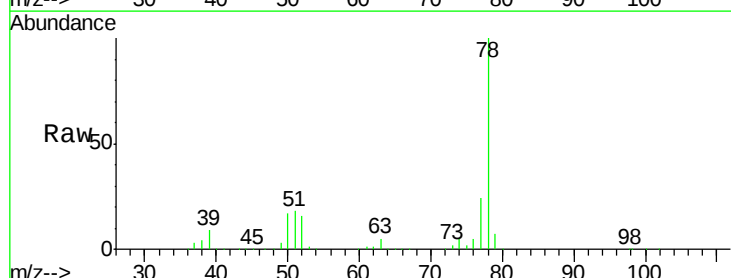
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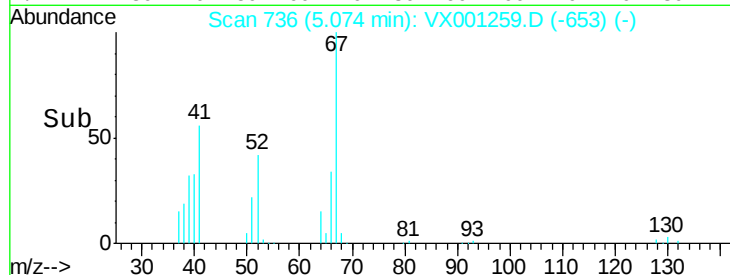
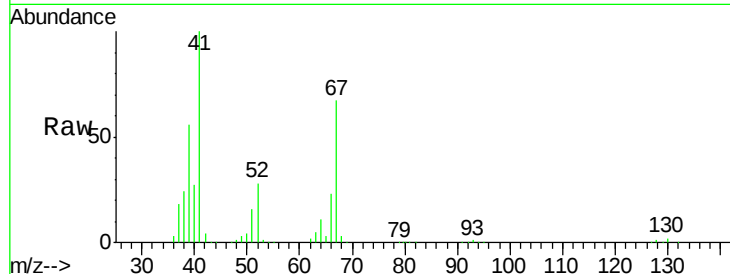
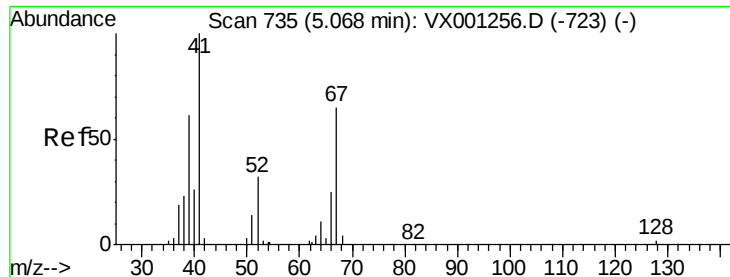
MMDadoda
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#34
Benzene
Concen: 149.50 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	21.7	32.5
51	17.5	14.9	22.3





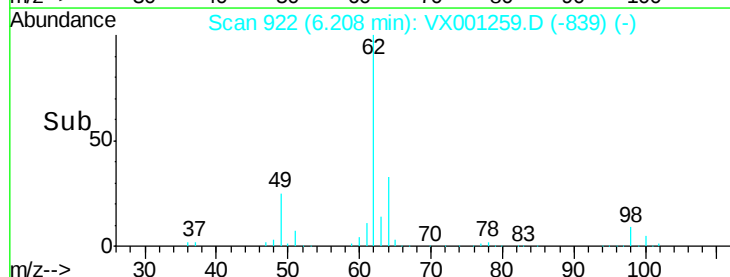
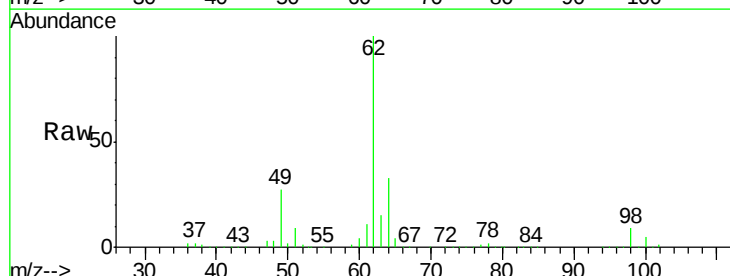
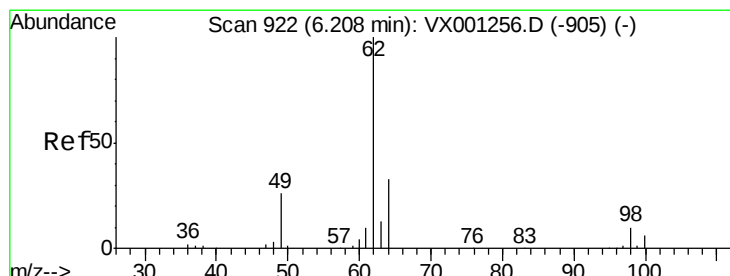
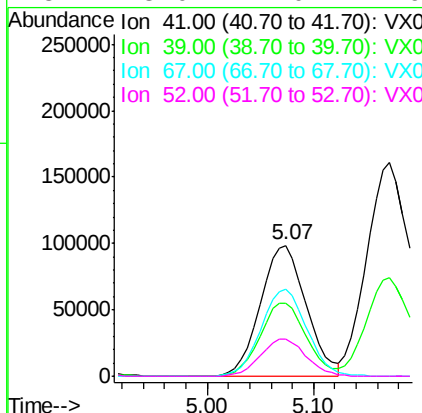
#35
Methacrylonitrile
Concen: 163.13 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		293873		
39	56.2	29.8	89.3		
67	67.1	28.7	86.3		
52	28.0	14.0	41.9		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

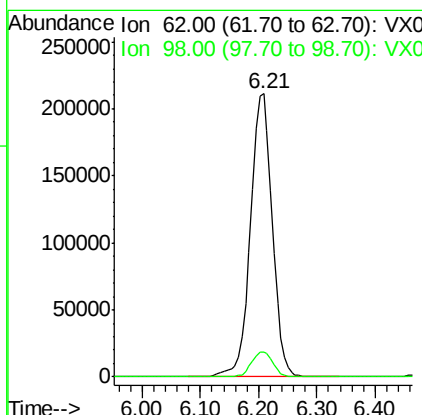
Manual Integrations
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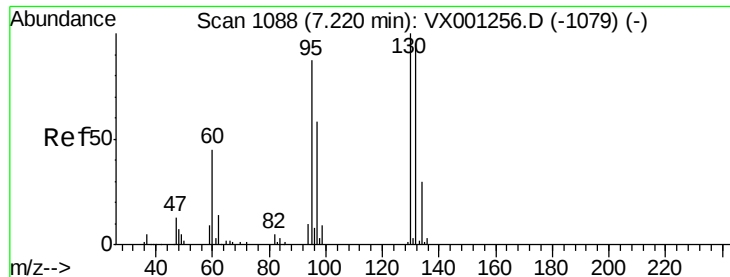
MMDadoda
5/2/2018 11:08:05 AM



#36
1,2-Dichloroethane
Concen: 149.87 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		549522		
98	8.6	6.9	10.3		





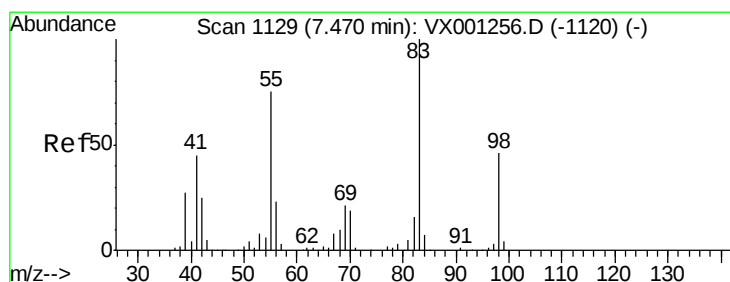
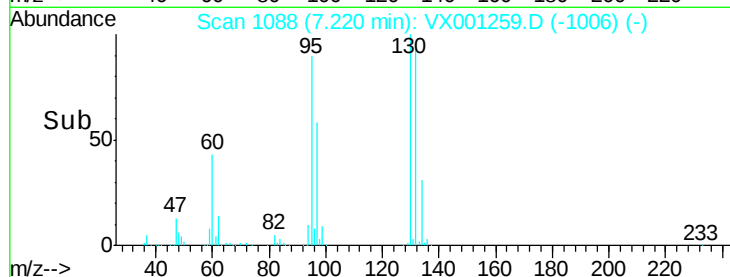
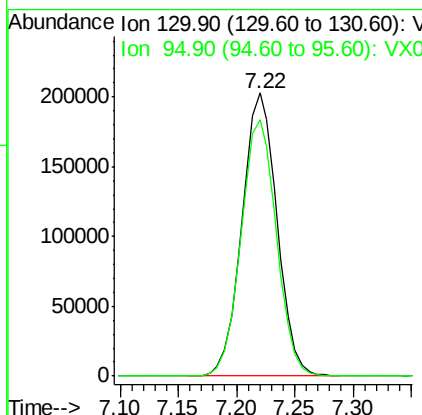
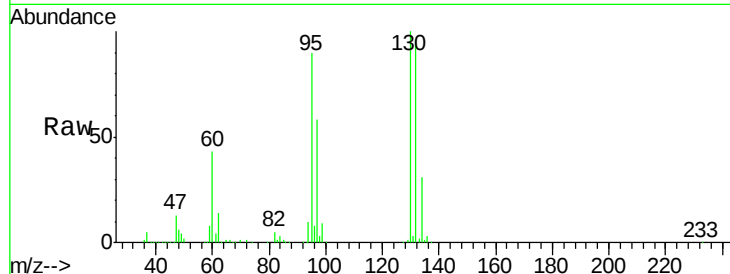
#37
 Trichloroethene
 Concen: 146.60 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:130 Resp: 426538
 Ion Ratio Lower Upper
 130 100
 95 90.5 74.6 112.0

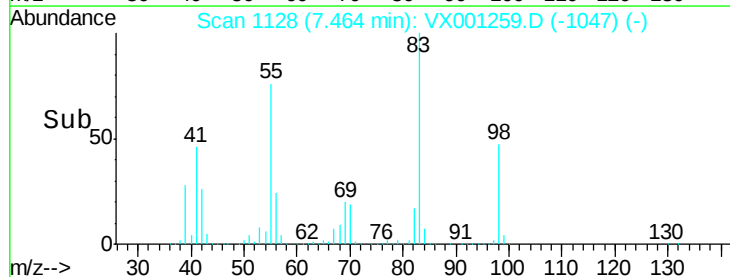
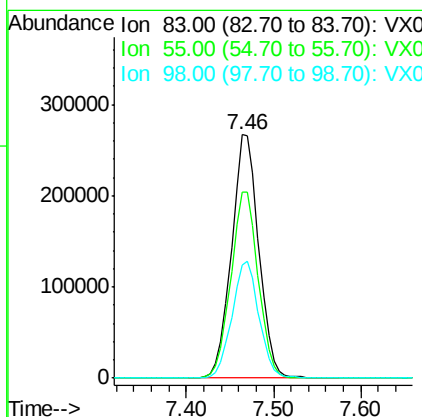
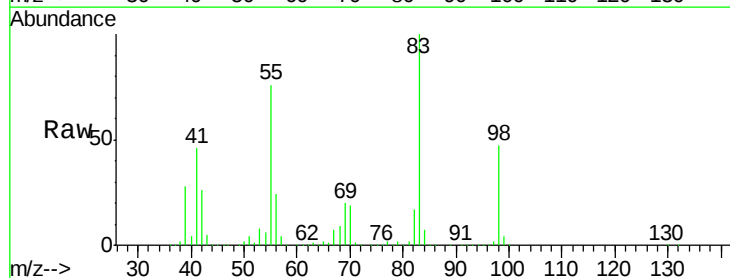
Manual Integrations
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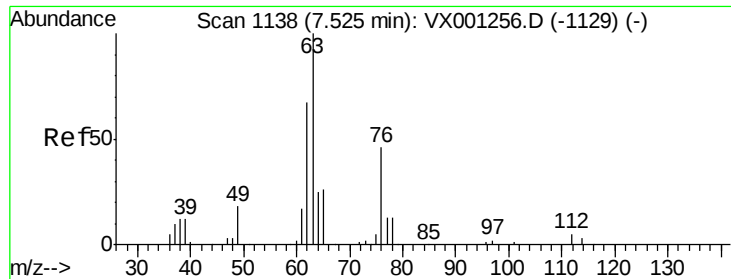
MMDadoda
 5/2/2018 11:08:05 AM



#38
 Methylcyclohexane
 Concen: 153.35 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion: 83 Resp: 579068
 Ion Ratio Lower Upper
 83 100
 55 76.5 35.9 107.7
 98 47.8 24.6 74.0





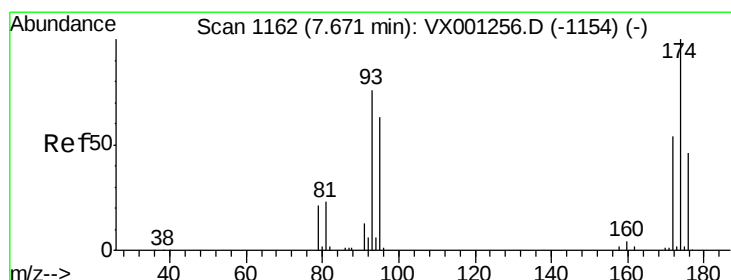
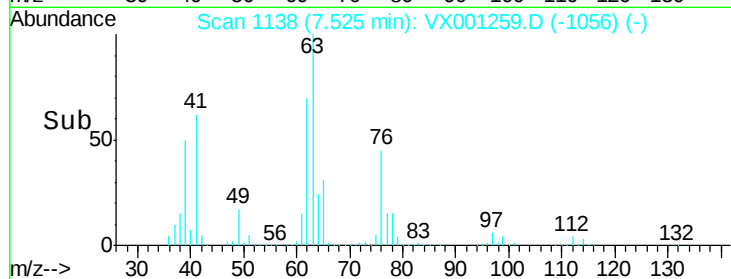
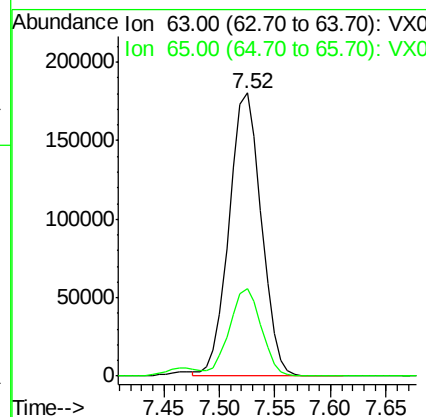
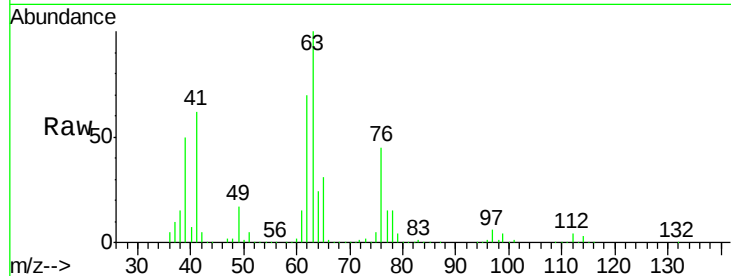
#39
 1,2-Dichloropropane
 Concen: 149.66 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.0	37.6

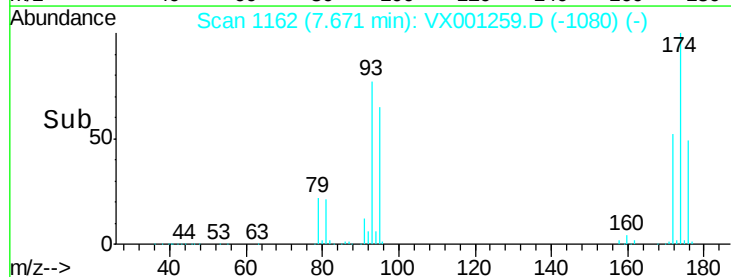
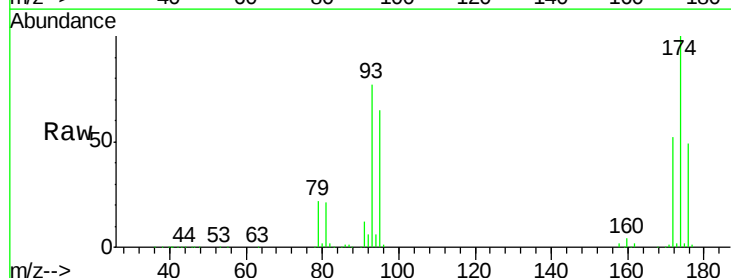
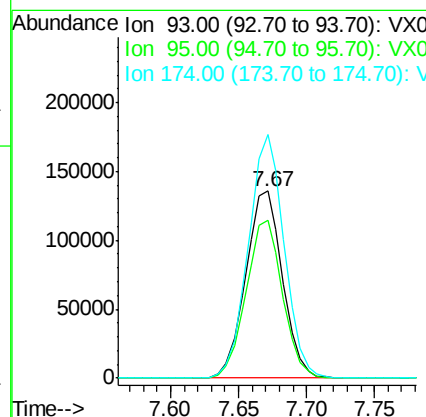
Manual Integrations
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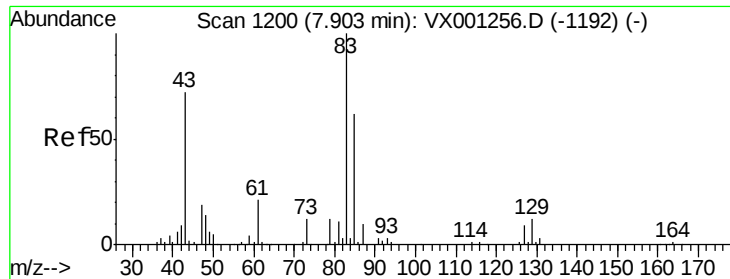
MMDadoda
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#40
 Dibromomethane
 Concen: 150.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	0.0	170.6
174	126.9	0.0	210.4





#41

Bromodichloromethane

Concen: 163.31 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

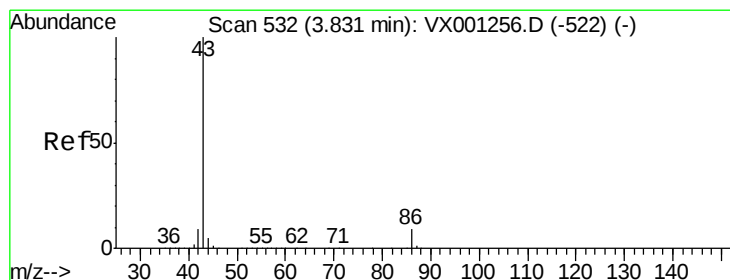
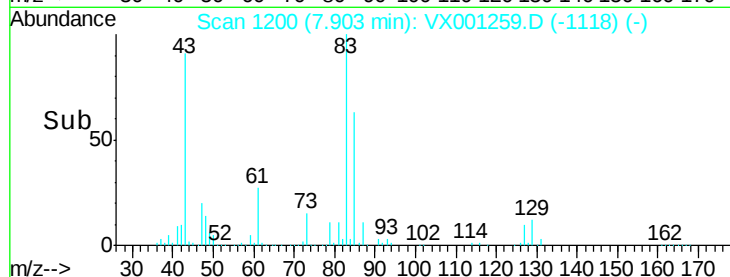
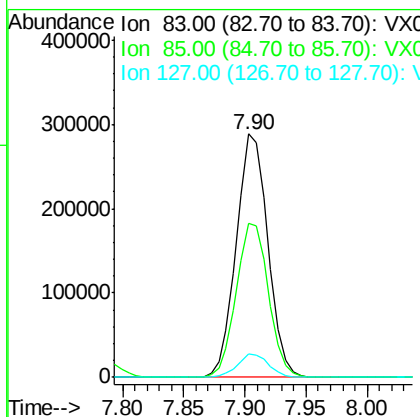
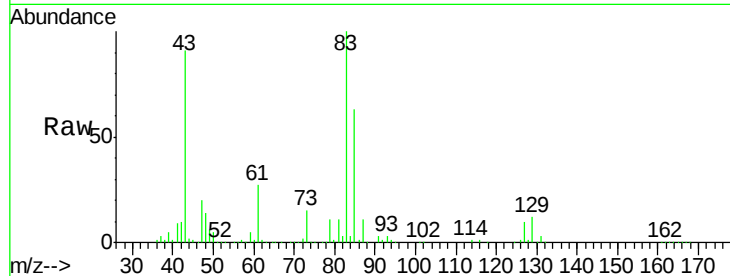
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	516588
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.0	75.0
127	9.6	6.6	10.0

Manual Integrations
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5/2/2018 11:08:05 AM



#42

Vinyl Acetate

Concen: 159.05 ug/l

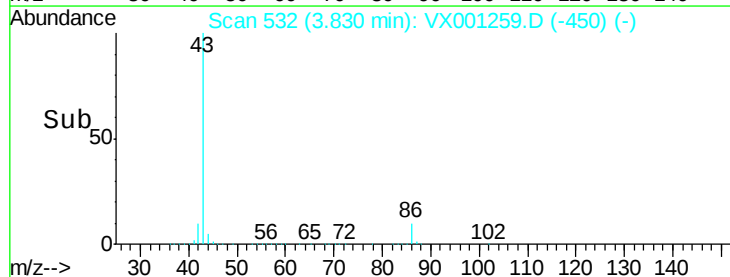
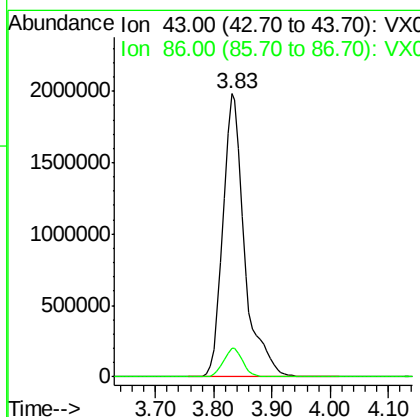
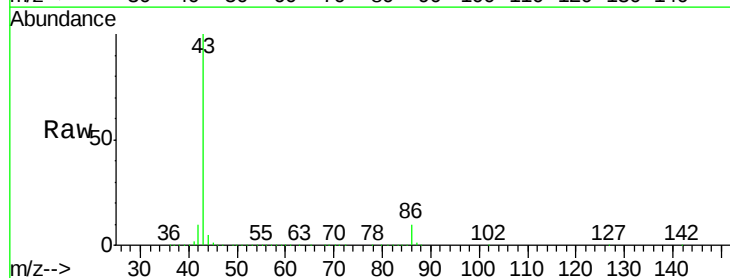
RT: 3.83 min Scan# 532

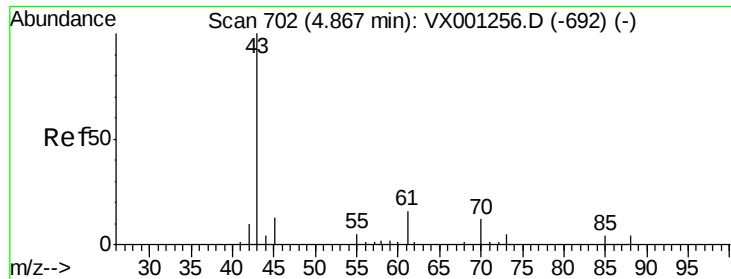
Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Tgt Ion:	43	Resp:	5105717
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.8	11.6





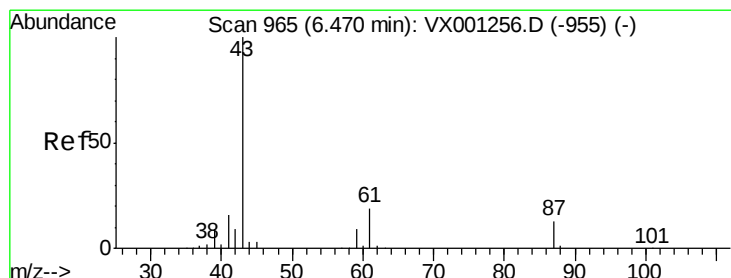
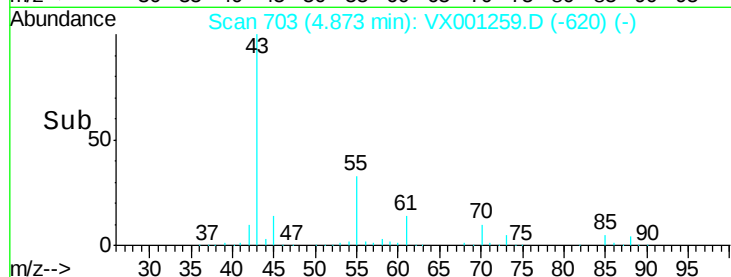
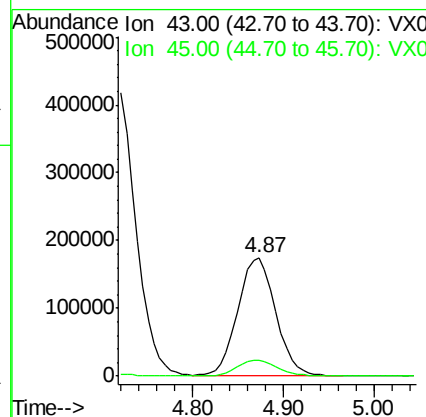
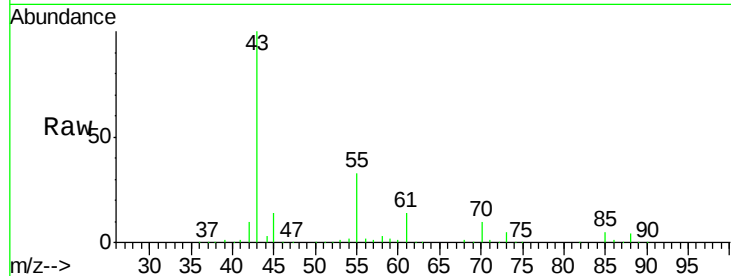
#43
Ethyl Acetate
Concen: 160.89 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 504473
Ion Ratio Lower Upper
43 100
45 14.6 11.4 17.0

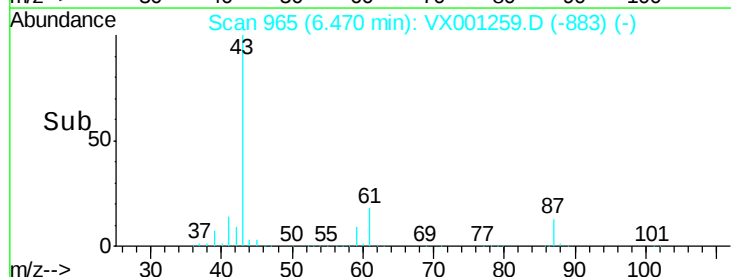
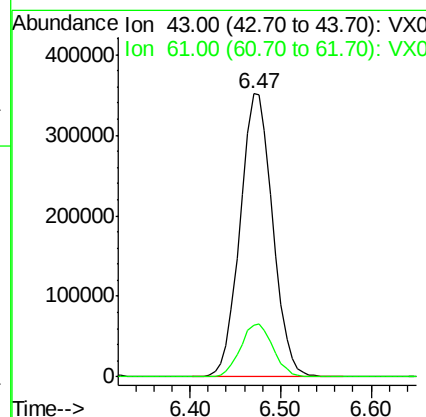
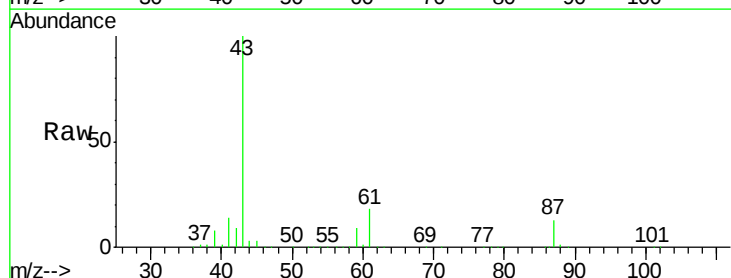
Manual Integrations
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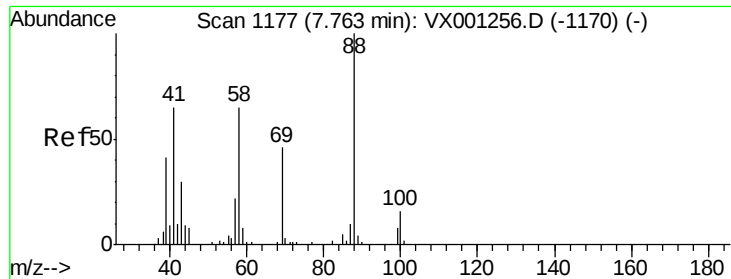
MMDadoda
5/2/2018 11:08:05 AM



#44
Isopropyl Acetate
Concen: 164.26 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 43 Resp: 872535
Ion Ratio Lower Upper
43 100
61 18.6 15.7 23.5





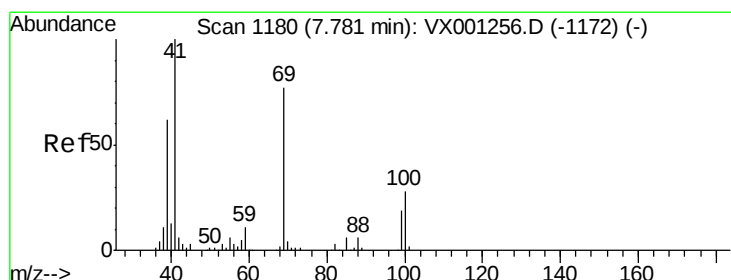
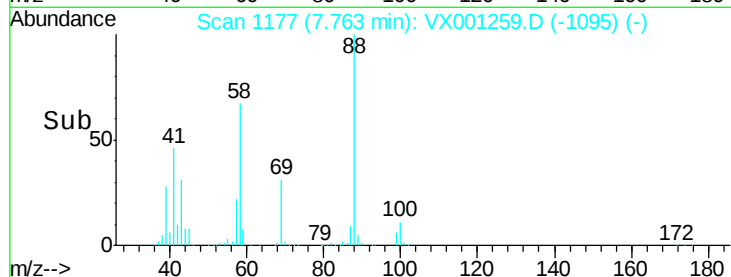
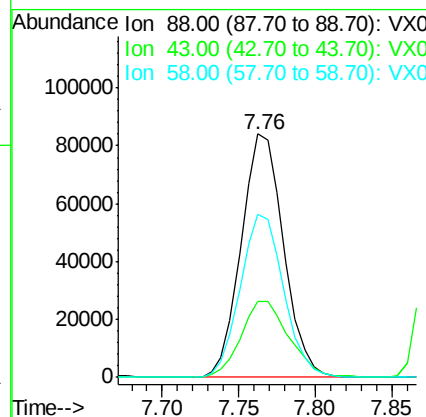
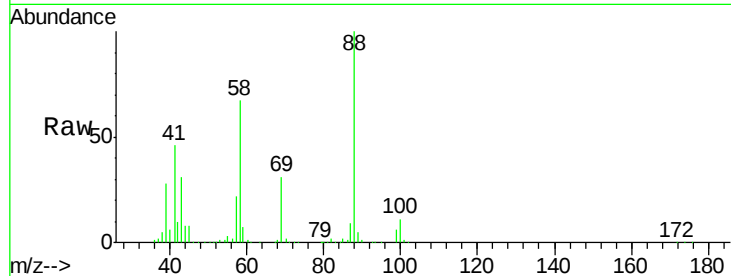
#45
 1,4-Dioxane
 Concen: 168.86 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	162080		
43	35.2		26.8	40.2
58	68.6		52.1	78.1

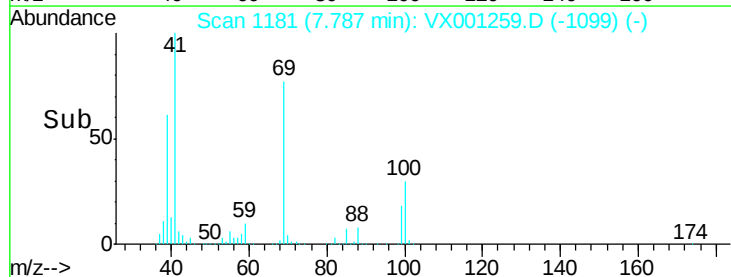
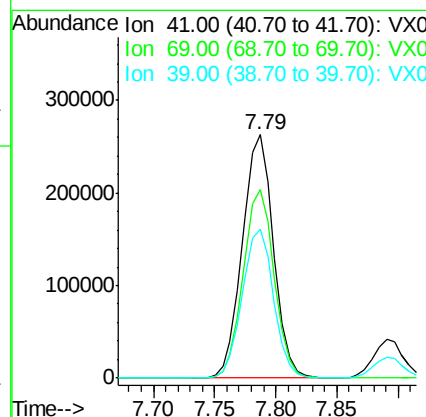
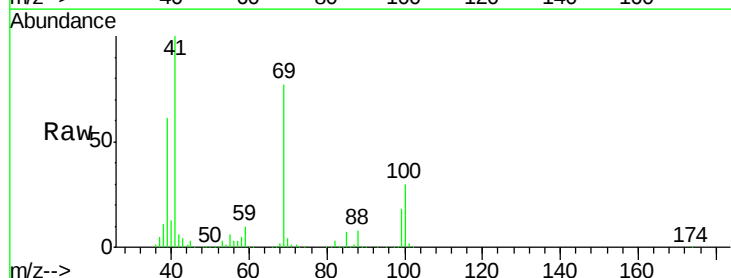
Manual Integrations
 APPROVED

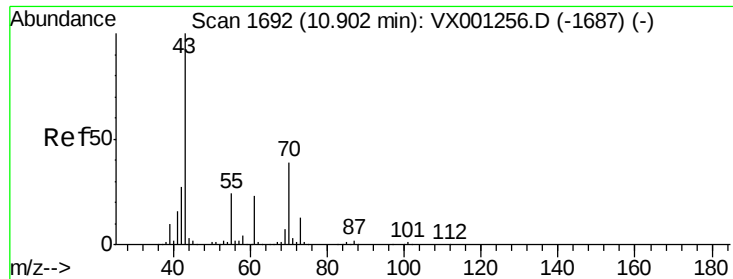
MMDadoda
 5/2/2018 11:08:05 AM



#46
 Methyl methacrylate
 Concen: 168.50 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	463074		
69	77.4		45.5	136.5
39	61.1		32.5	97.5





#47

n-amvl Acetate

Concen: 182.28 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 907745

Ion Ratio Lower Upper

43 100

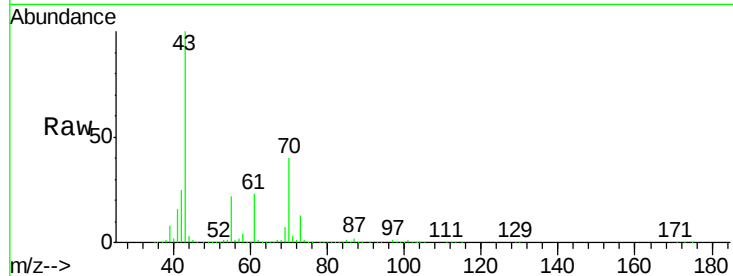
55 22.4 19.4 29.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.91

800000

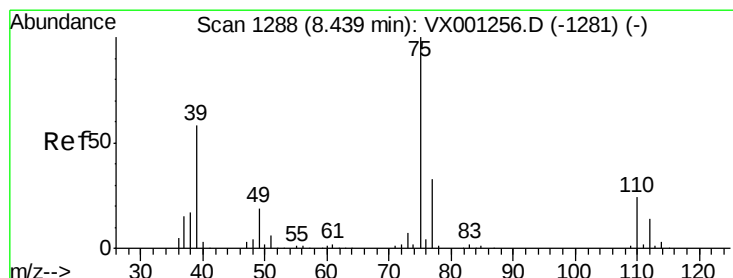
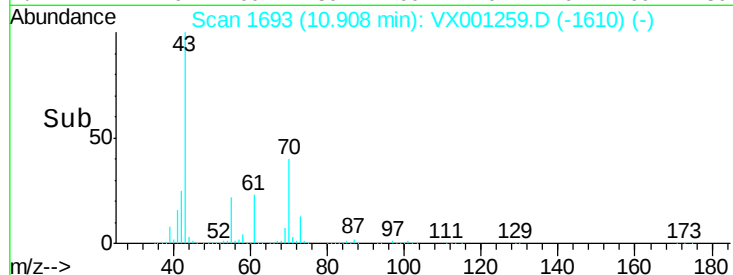
600000

400000

200000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 168.12 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001259.D

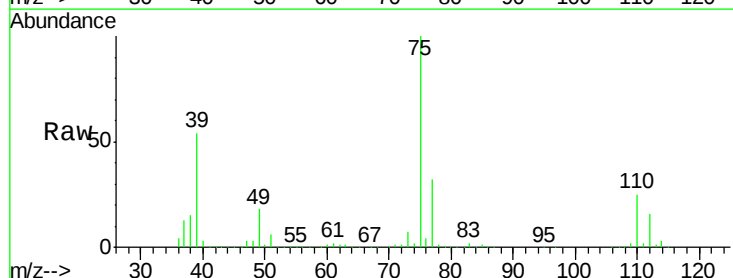
Acq: 30 Apr 2018 12:18

Tgt Ion: 75 Resp: 622115

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.45

400000

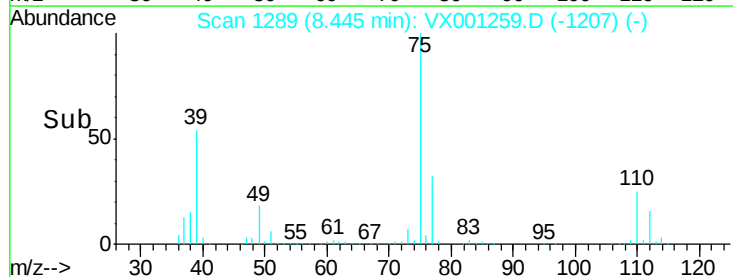
300000

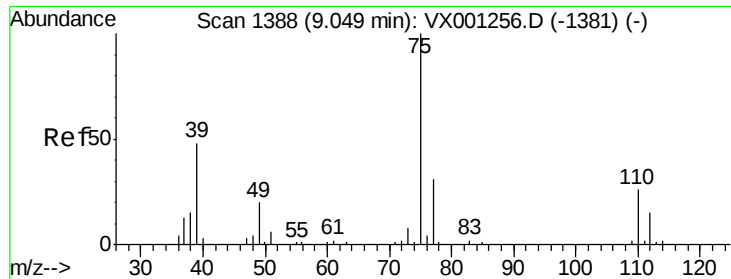
200000

100000

0

Time-->





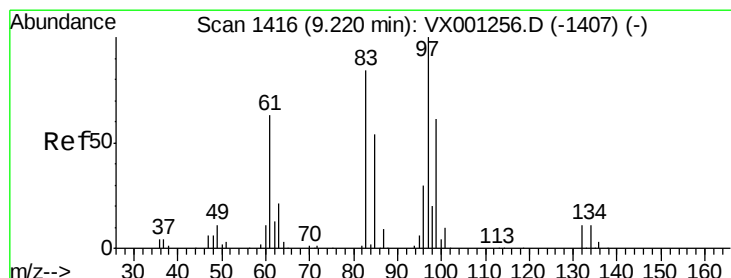
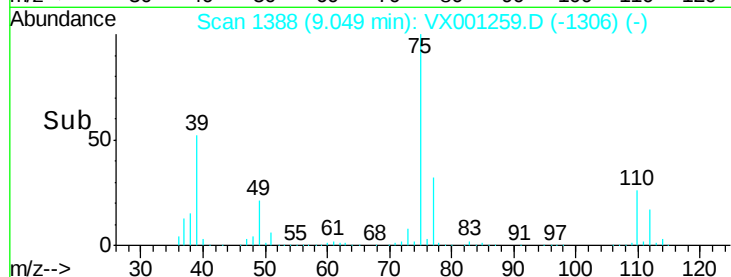
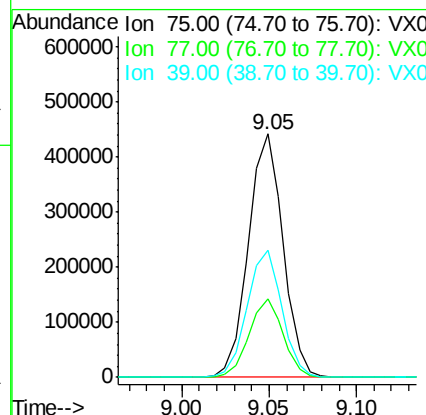
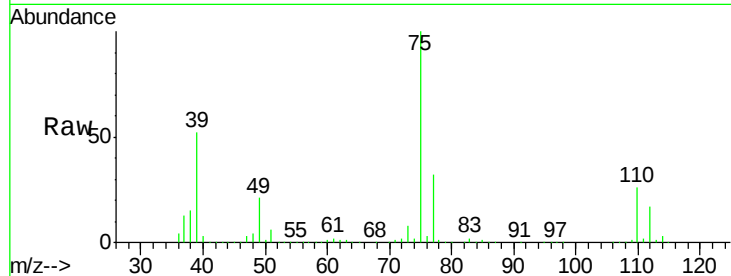
#49
 cis-1,3-Dichloropropene
 Concen: 172.53 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.5	36.7
39	52.2	35.6	53.4

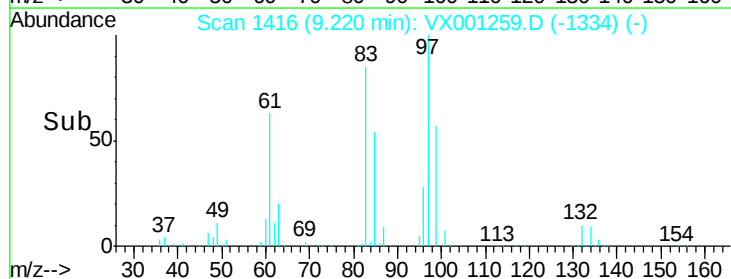
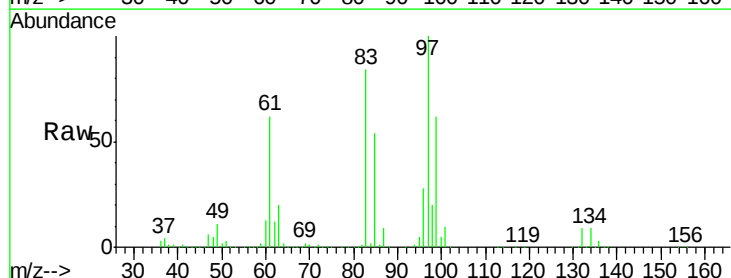
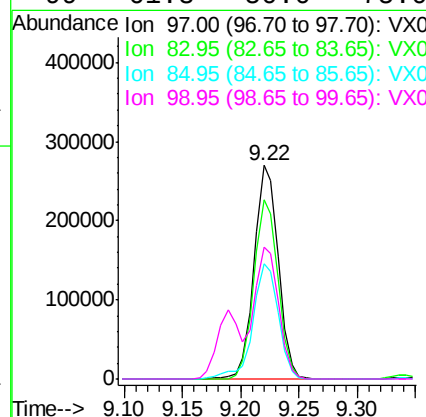
Manual Integrations
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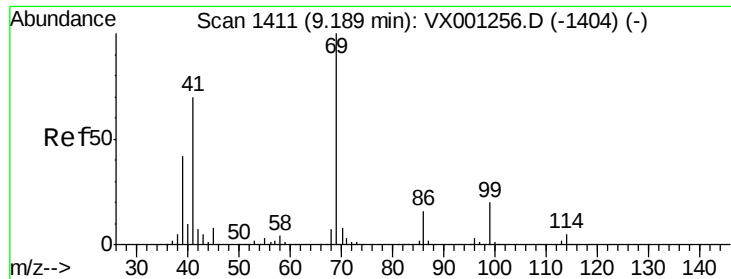
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 156.20 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.9	100.3
85	54.0	44.4	66.6
99	61.8	50.0	75.0





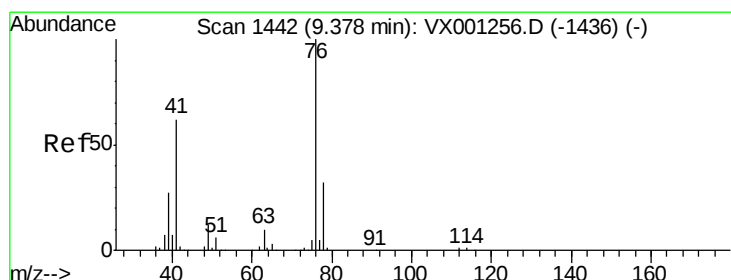
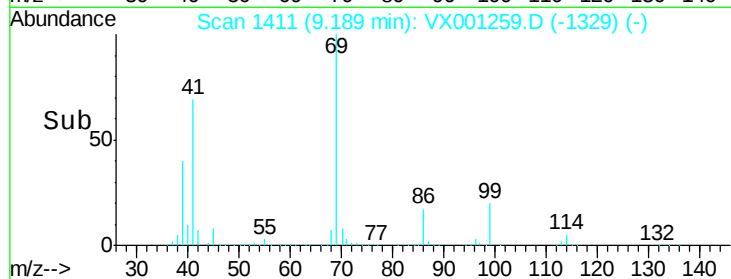
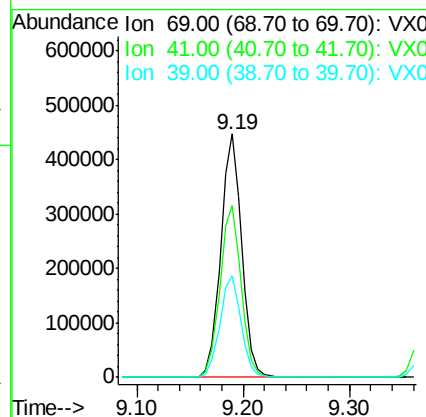
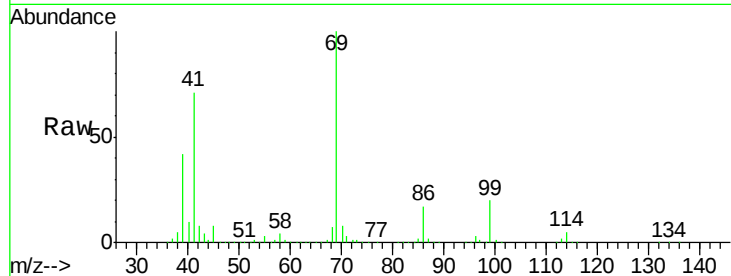
#51
Ethyl methacrylate
Concen: 173.52 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
69	100		
41	70.8	32.1	96.3
39	41.5	19.6	58.7

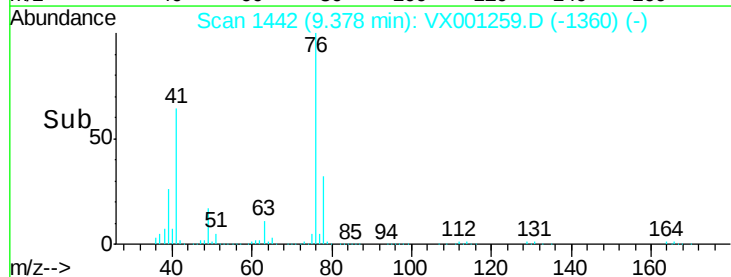
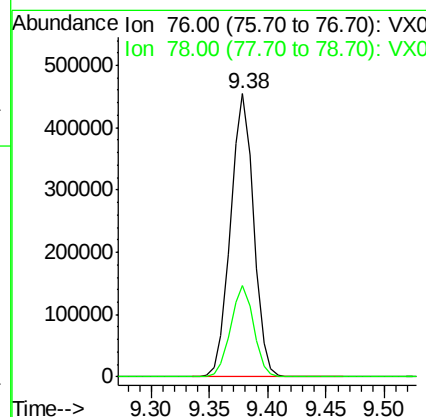
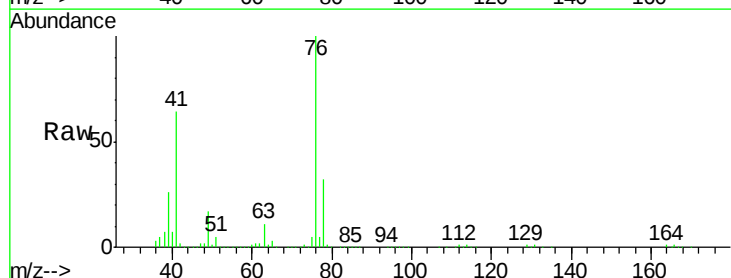
Manual Integrations
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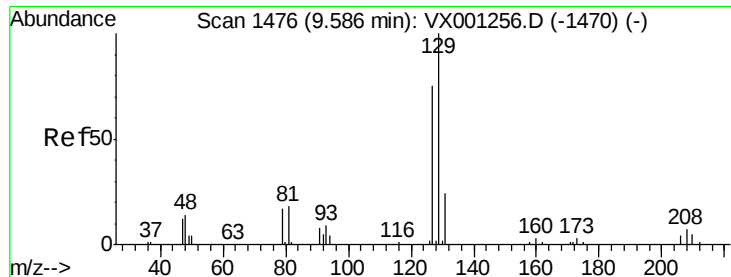
MMDadoda
5/2/2018 11:08:05 AM



#52
1,3-Dichloropropane
Concen: 153.75 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	65.0





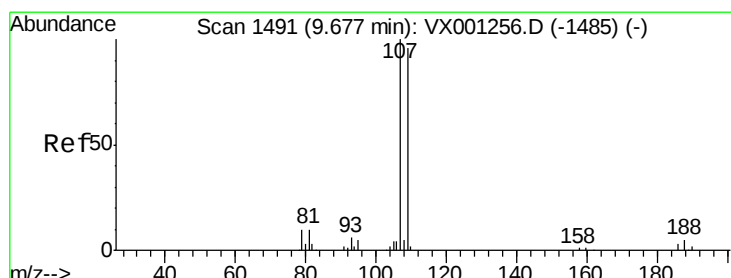
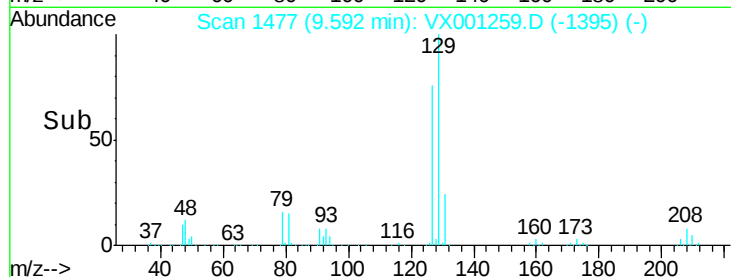
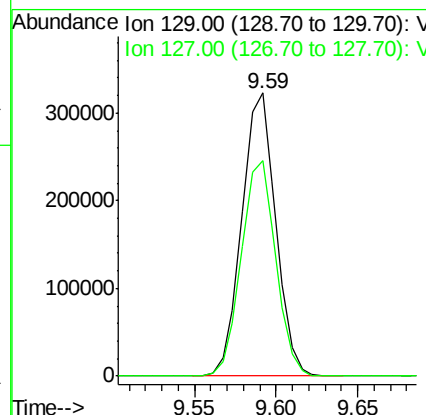
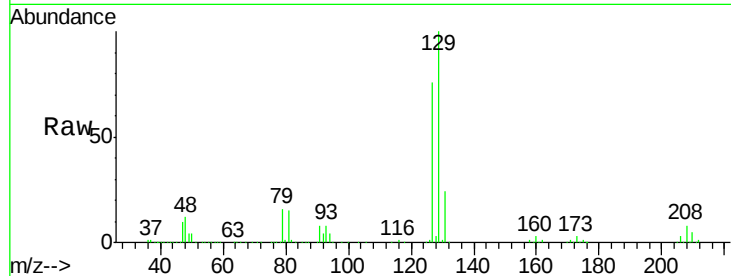
#53
 Dibromochloromethane
 Concen: 172.68 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.1	37.5	112.5	

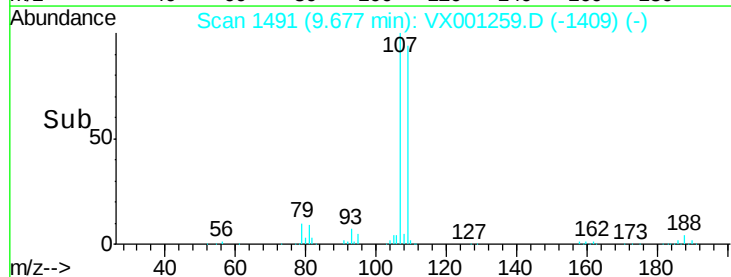
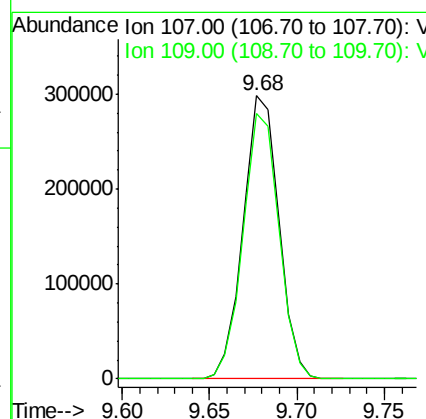
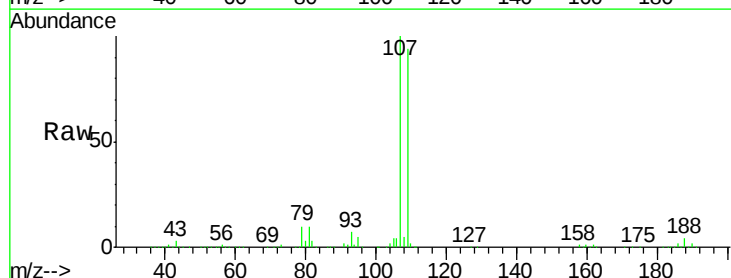
Manual Integrations
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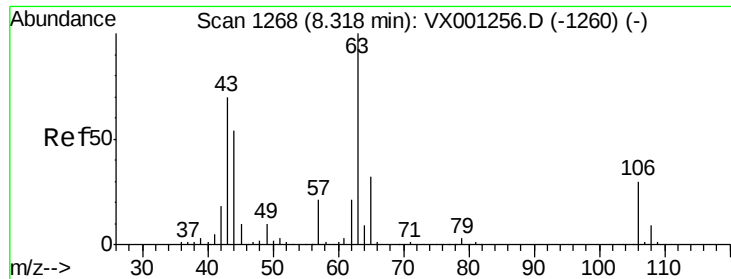
MMDadoda
 5/2/2018 11:08:05 AM



#54
 1,2-Dibromoethane
 Concen: 158.54 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	94.5	74.5	111.7	





#55

2-Chloroethyl vinyl ether

Concen: 157.80 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 1379405

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.8

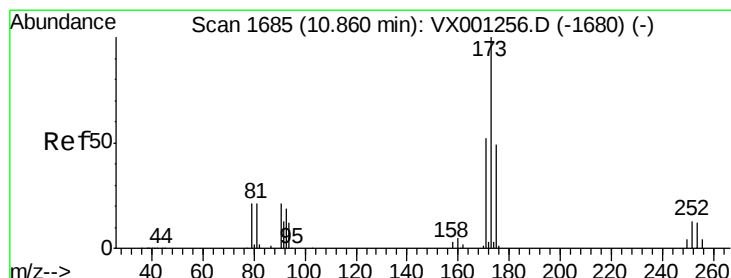
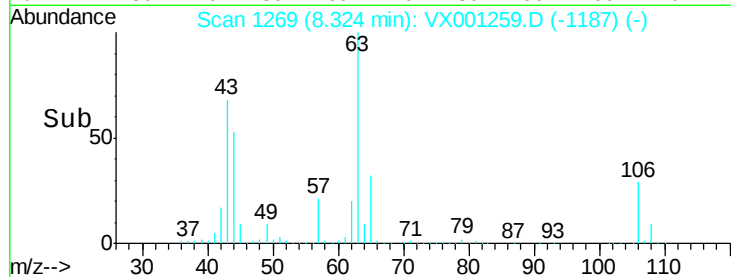
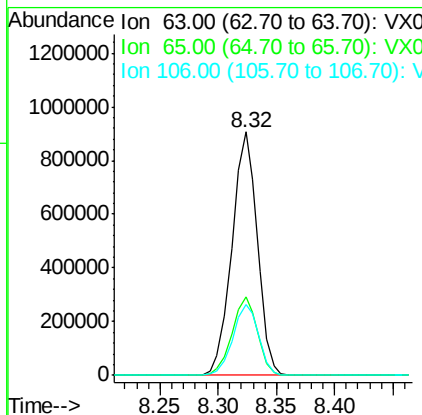
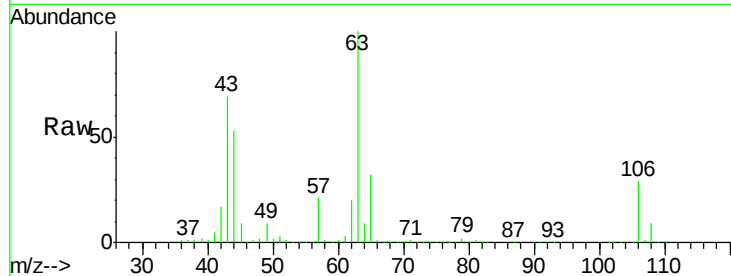
106 29.4 23.8 35.6

Manual Integrations

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5/2/2018 11:08:05 AM



#56

Bromoform

Concen: 194.97 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

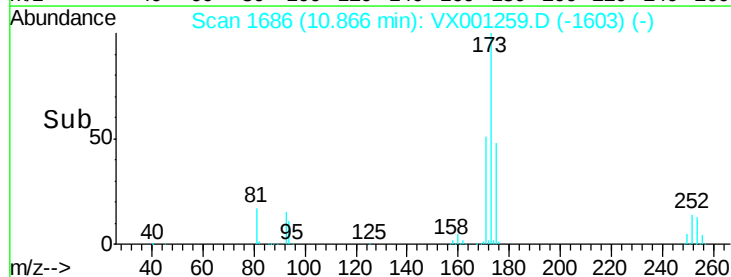
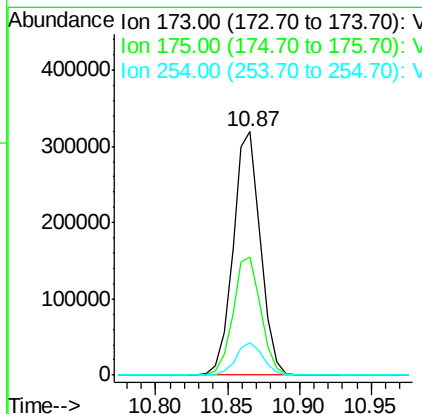
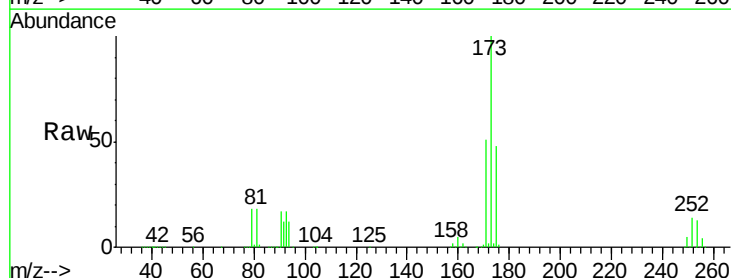
Tgt Ion:173 Resp: 420548

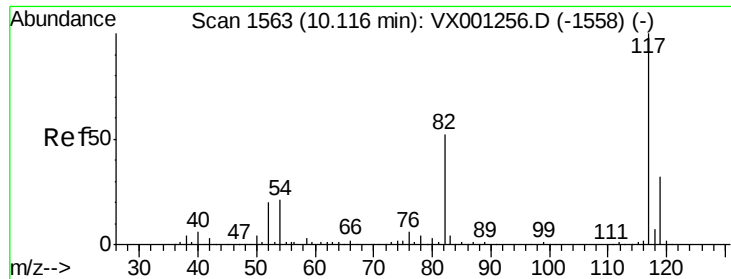
Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

254 13.0 7.0 10.4#





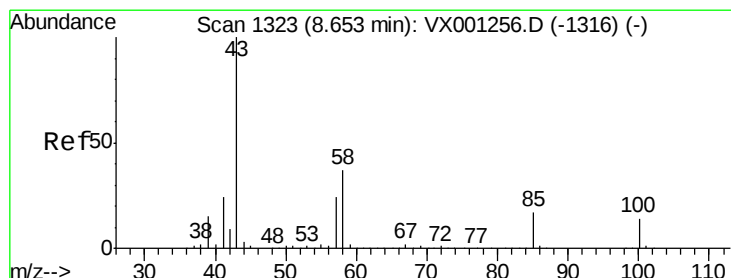
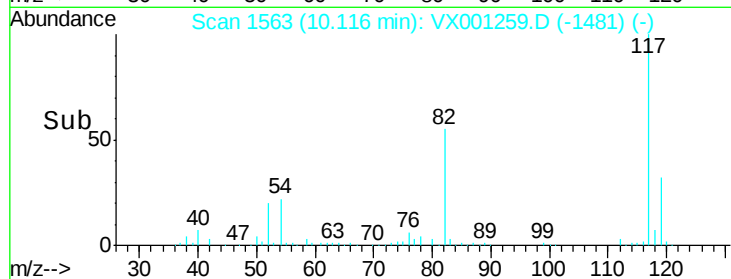
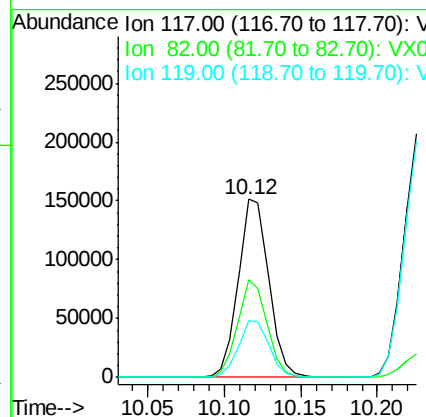
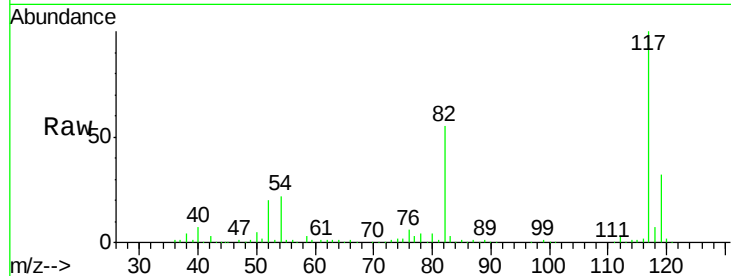
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	31.9	25.8	38.8

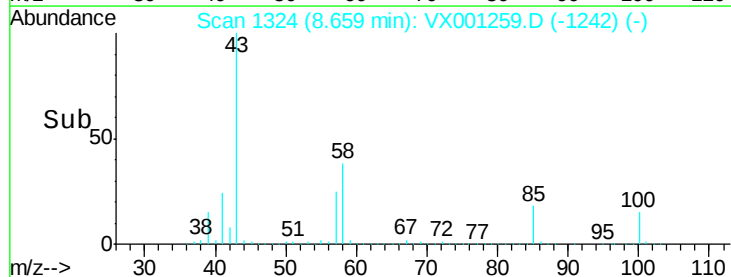
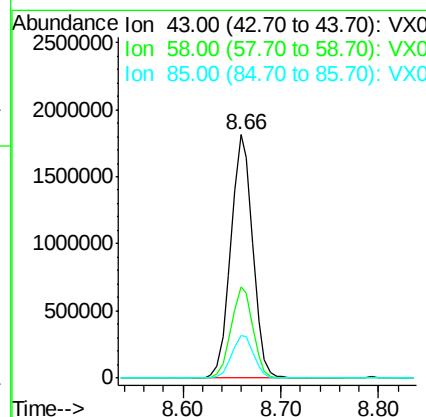
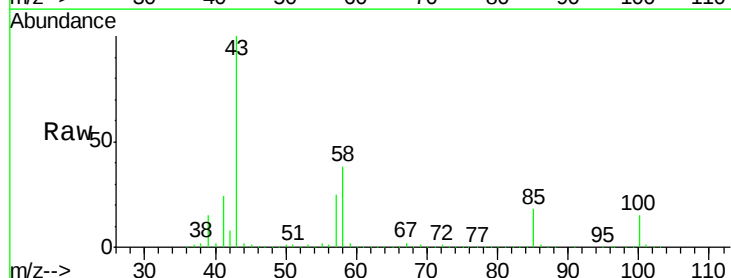
Manual Integrations
APPROVED

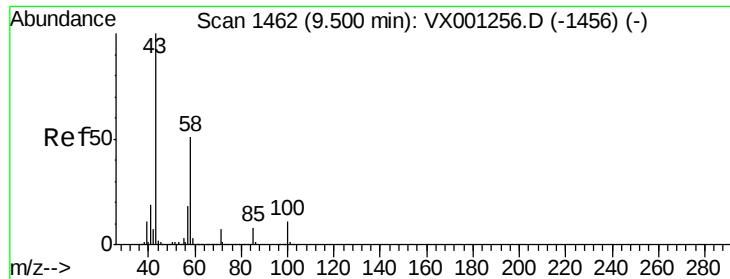
MMDadoda
5/2/2018 11:08:05 AM



#58
4-Methyl-2-Pentanone
Concen: 164.04 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.8	44.8
85	17.7	14.9	22.3





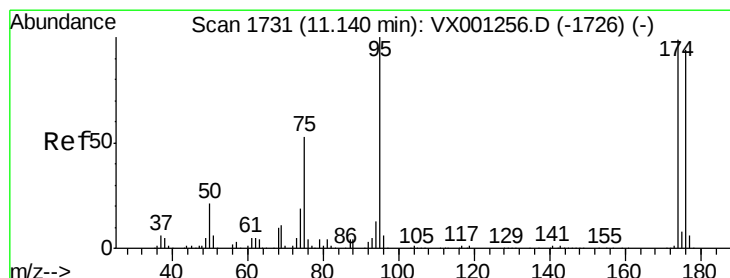
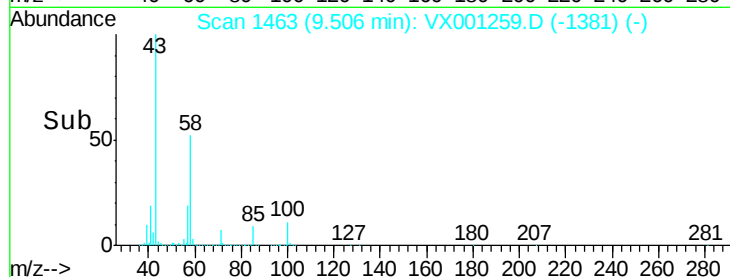
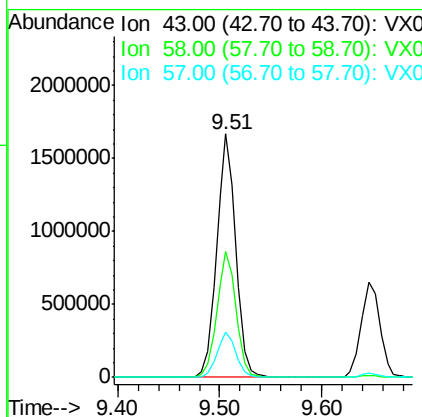
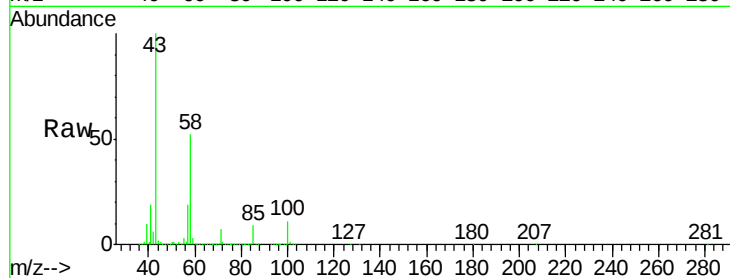
#59
2-Hexanone
Concen: 163.62 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2184629
Ion Ratio Lower Upper
43 100
58 51.8 43.0 64.6
57 18.7 14.4 21.6

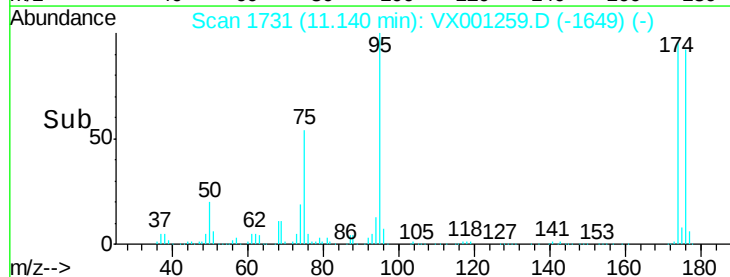
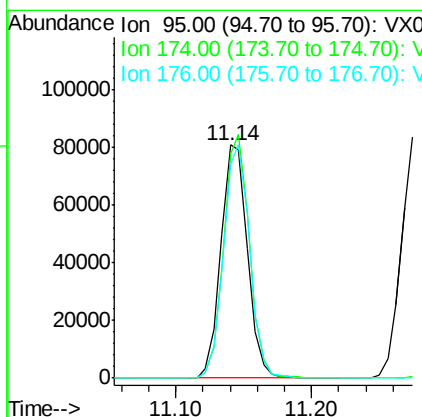
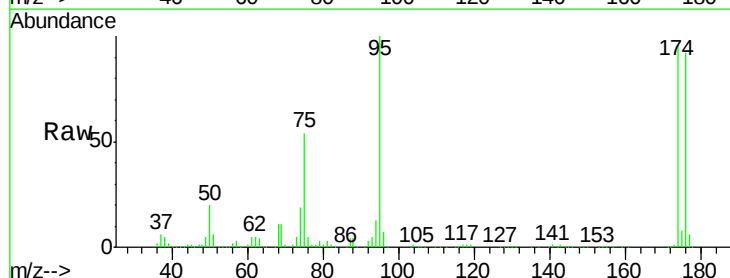
Manual Integrations
APPROVED

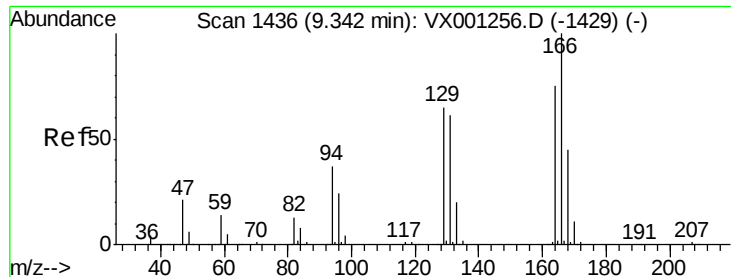
MMDadoda
5/2/2018 11:08:05 AM



#60
4-Bromofluorobenzene
Concen: 15.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 95 Resp: 109676
Ion Ratio Lower Upper
95 100
174 101.2 71.1 106.7
176 98.0 69.3 103.9





#61

Tetrachloroethene

Concen: 132.85 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 438057

Ion Ratio Lower Upper

164 100

166 130.1 99.0 148.4

129 85.9 77.0 115.6

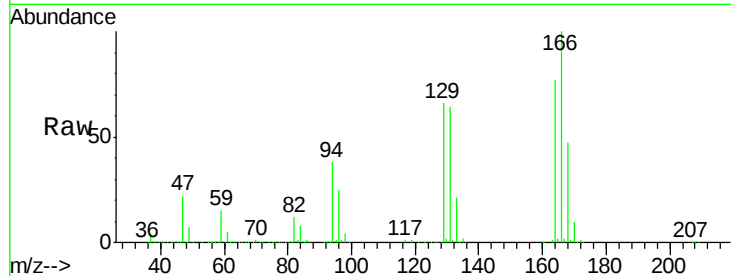
131 82.9 75.8 113.6

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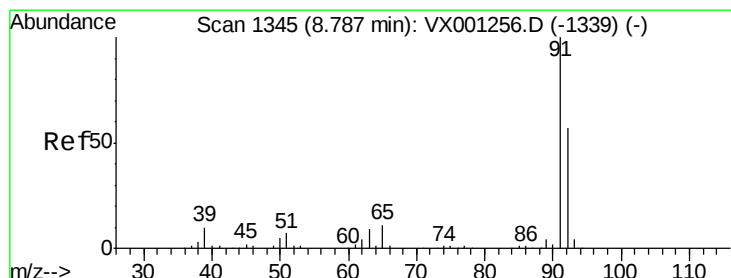
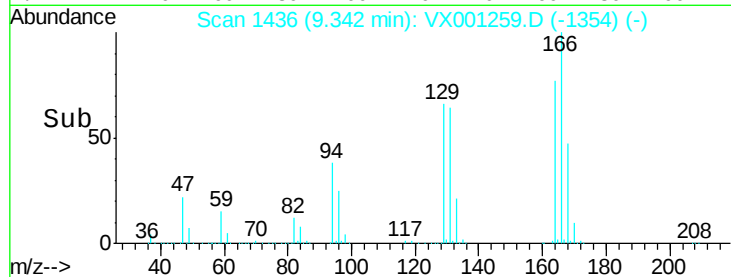
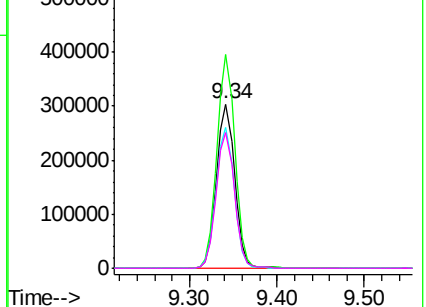


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 149.30 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001259.D

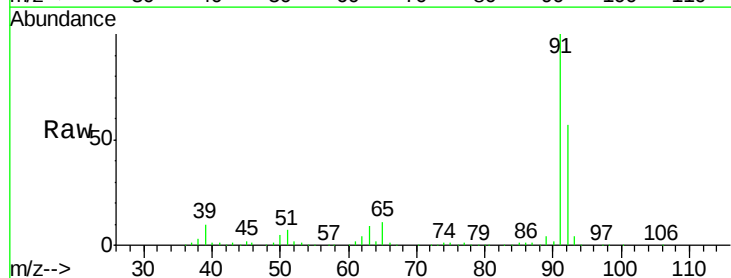
Acq: 30 Apr 2018 12:18

Tgt Ion: 91 Resp: 1688642

Ion Ratio Lower Upper

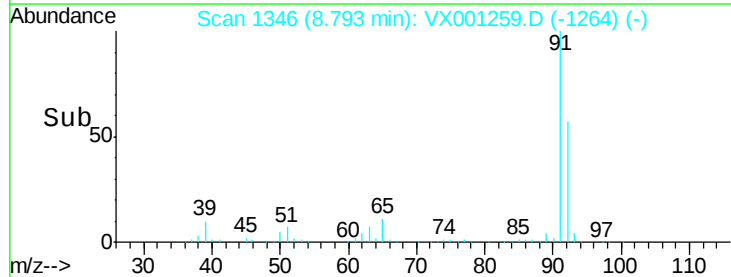
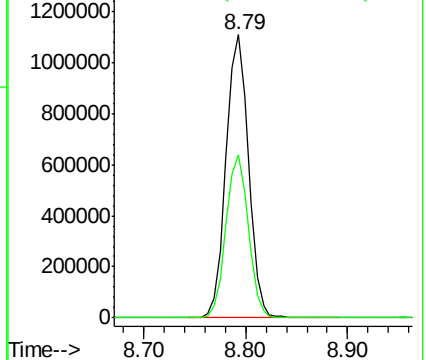
91 100

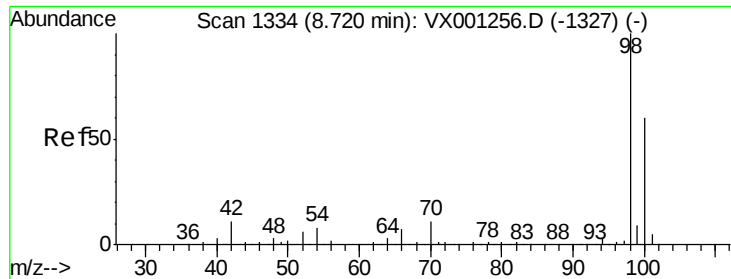
92 57.5 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





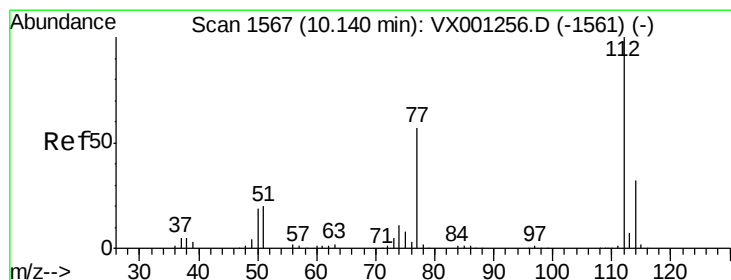
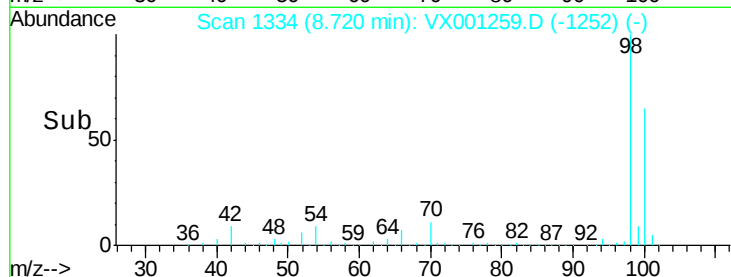
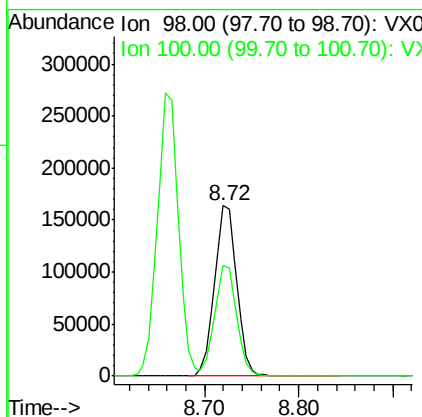
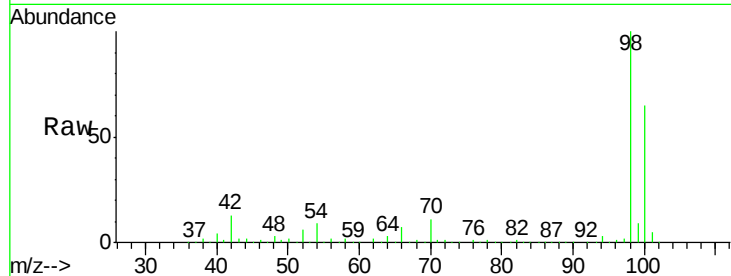
#63
Toluene-d8
Concen: 14.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 268232
Ion Ratio Lower Upper
98 100
100 64.4 50.0 75.0

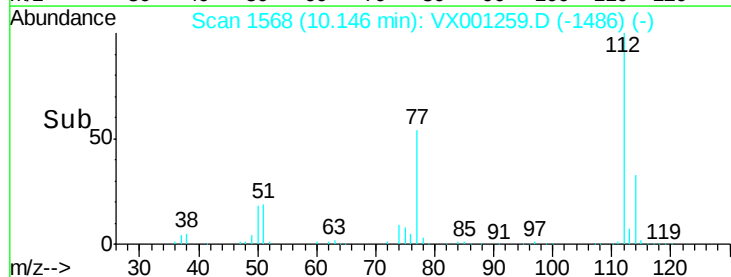
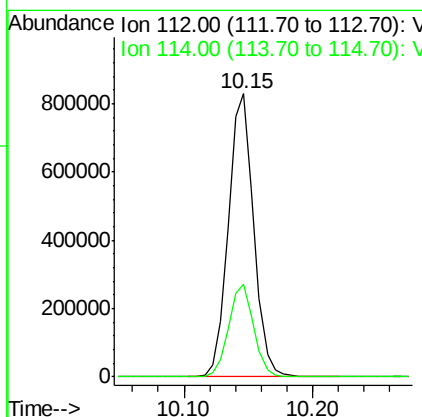
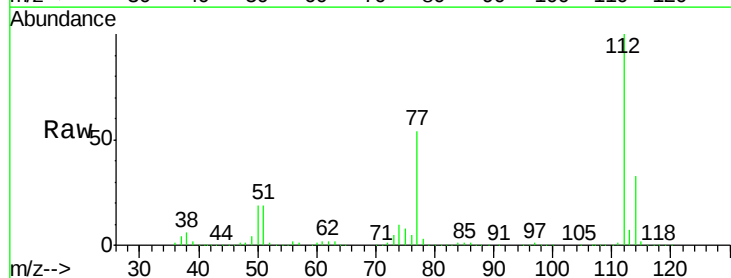
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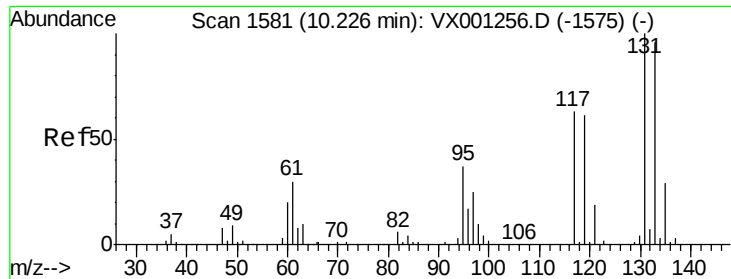
MMDadoda
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#64
Chlorobenzene
Concen: 149.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 112 Resp: 1142253
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 157.55 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:131 Resp: 434176
Ion Ratio Lower Upper

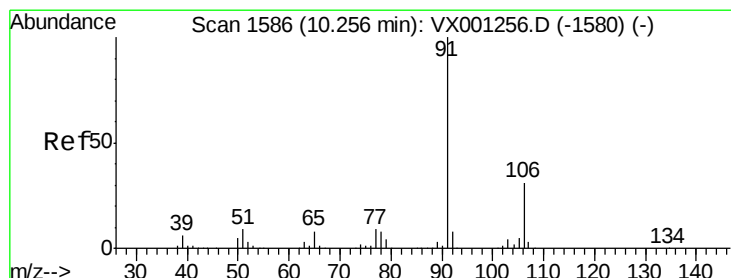
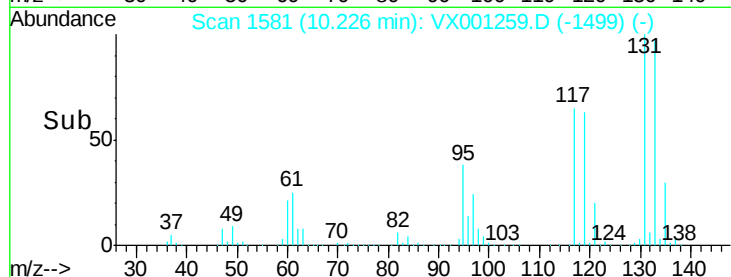
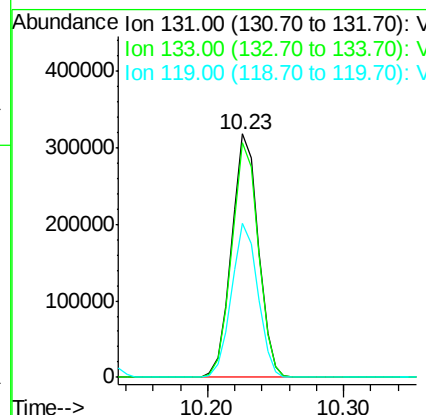
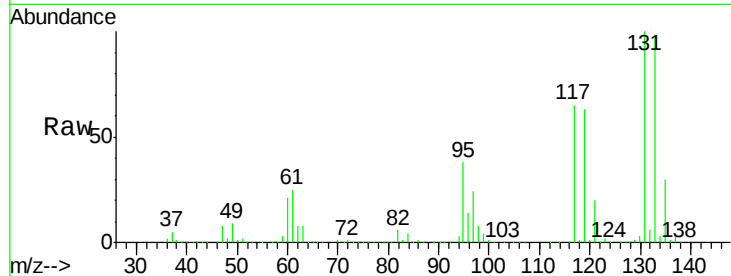
131 100

133 95.9 0.0 187.6

119 62.5 0.0 134.0

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#66

Ethyl Benzene

Concen: 152.44 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

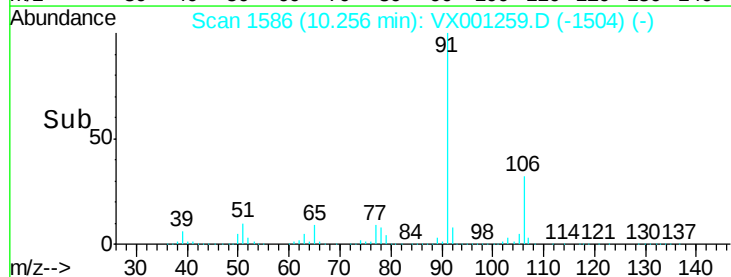
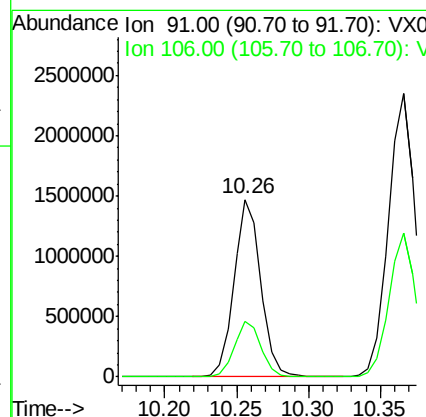
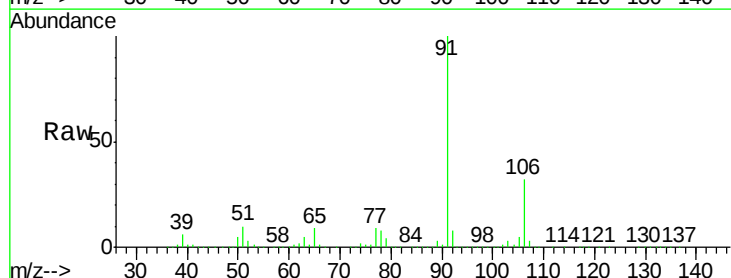
Lab File: VX001259.D

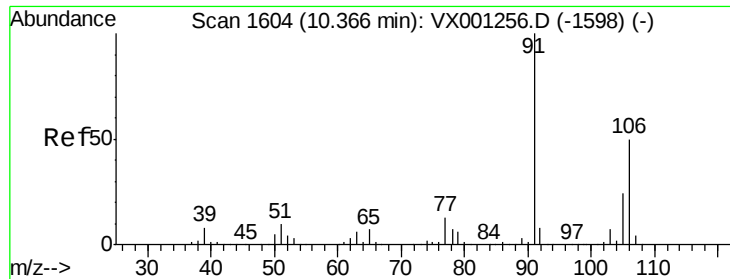
Acq: 30 Apr 2018 12:18

Tgt Ion: 91 Resp: 1916532
Ion Ratio Lower Upper

91 100

106 31.6 25.9 38.9





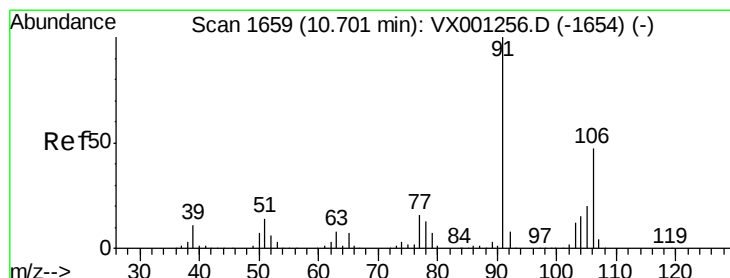
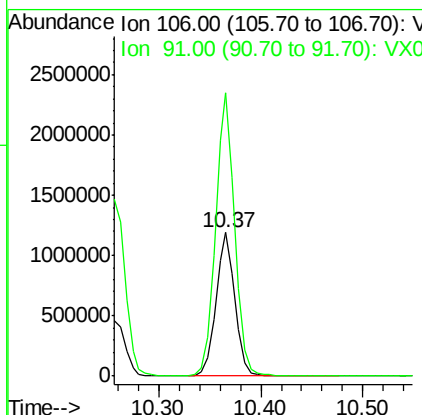
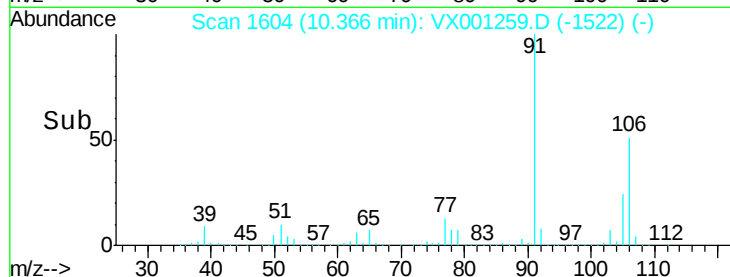
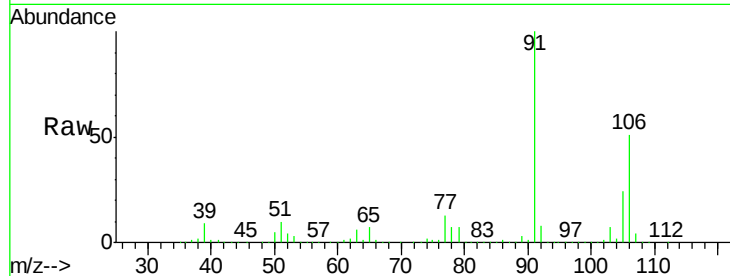
#67
m/p-Xvlenes
Concen: 155.29 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 1545095
Ion Ratio Lower Upper
106 100
91 199.7 161.6 242.4

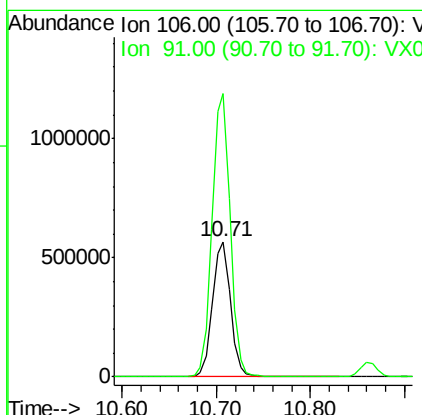
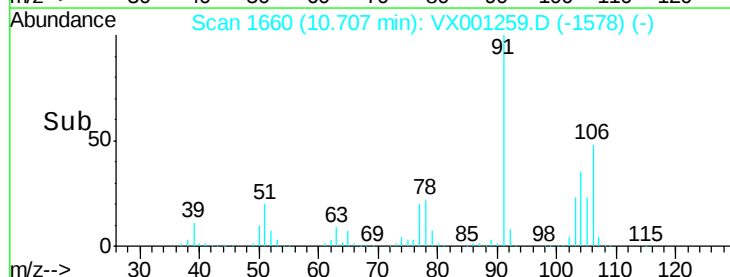
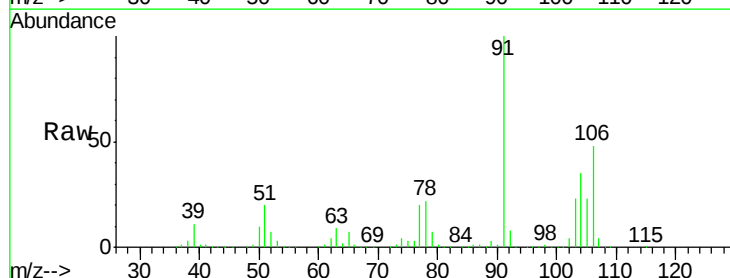
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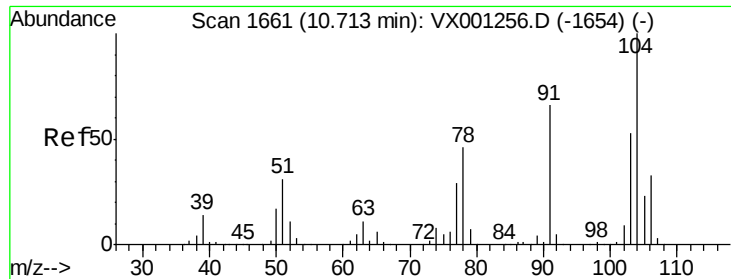
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#68
o-Xylene
Concen: 156.10 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion:106 Resp: 749797
Ion Ratio Lower Upper
106 100
91 211.2 105.6 316.8





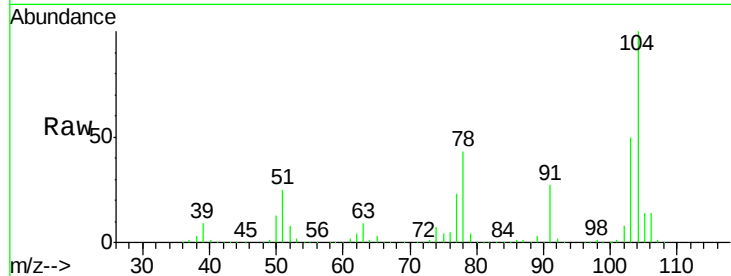
#69
Stvrene
Concen: 162.76 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

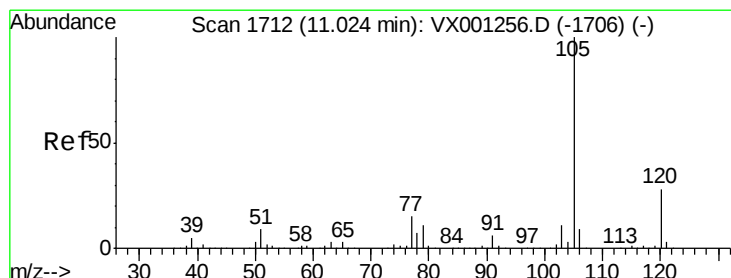
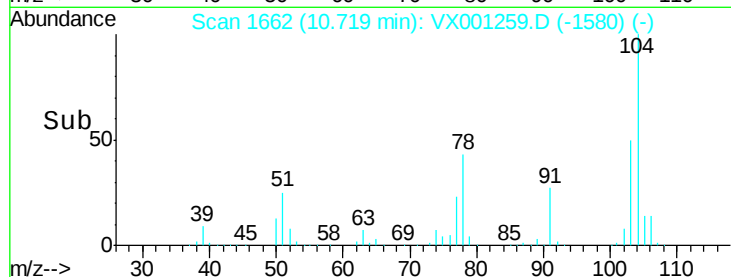
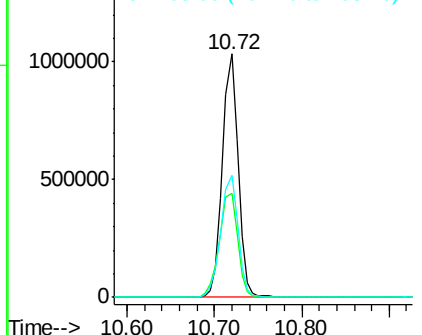
Tot Ion:104 Resp: 1289919
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.4
103 55.5 44.7 67.1

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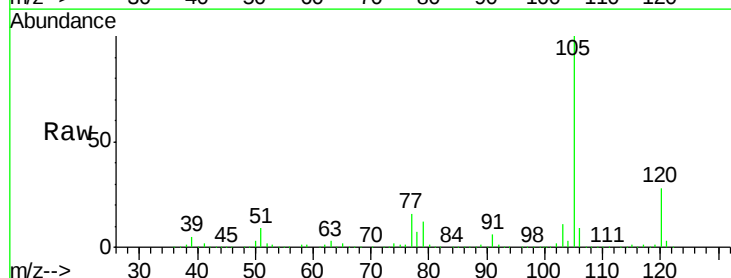


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

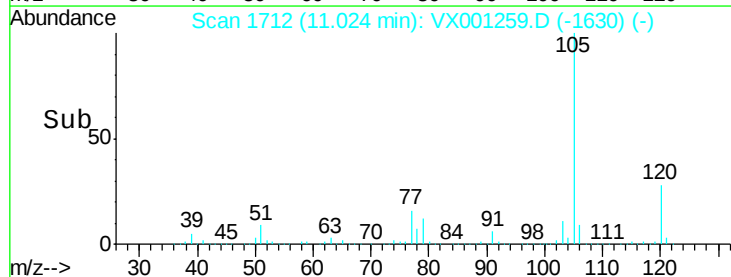
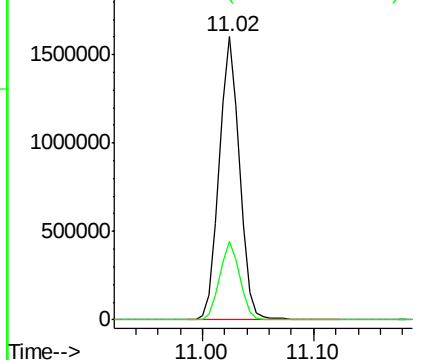


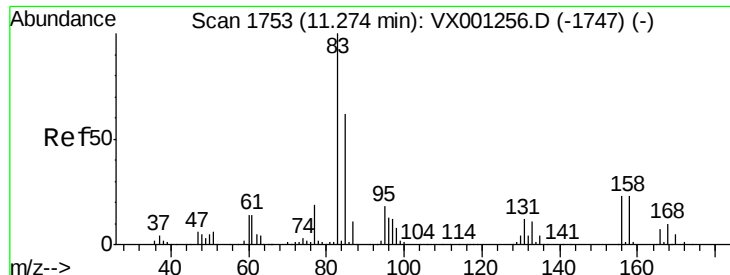
#70
Isopropylbenzene
Concen: 155.35 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion:105 Resp: 2028396
Ion Ratio Lower Upper
105 100
120 27.5 18.8 35.0



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





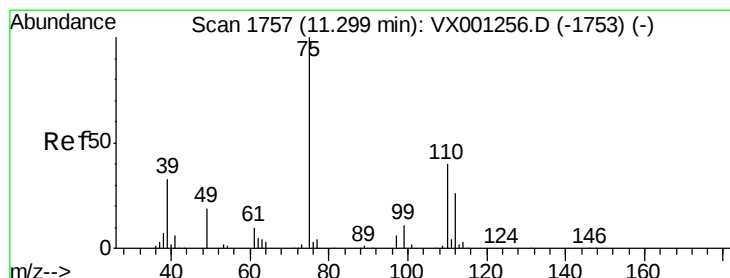
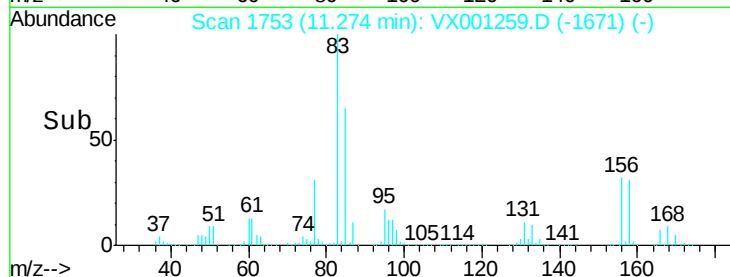
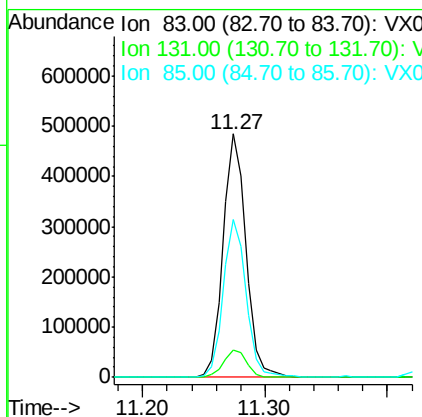
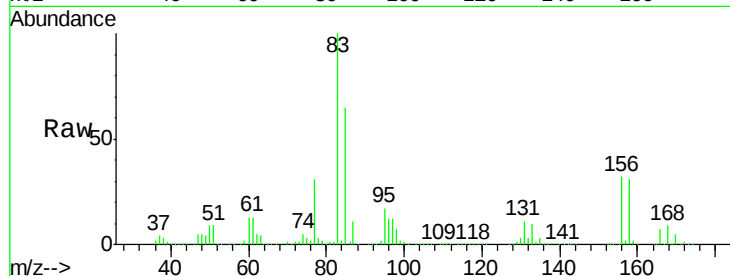
#71
 1,1,2,2-Tetrachloroethane
 Concen: 165.72 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	83	Resp	626080
Ion Ratio	100	Lower	Upper
83	100		
131	11.5	5.3	16.1
85	64.6	32.5	97.5

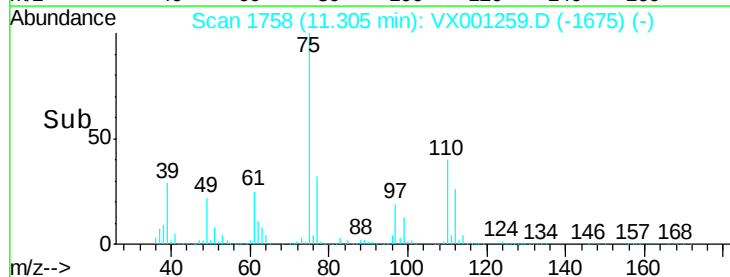
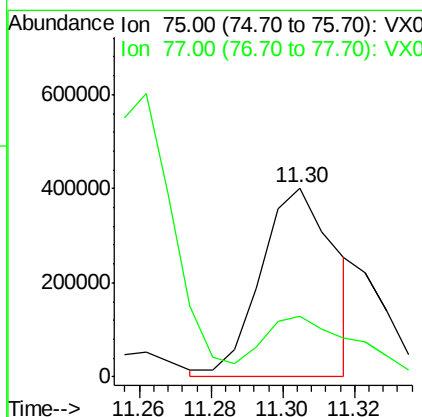
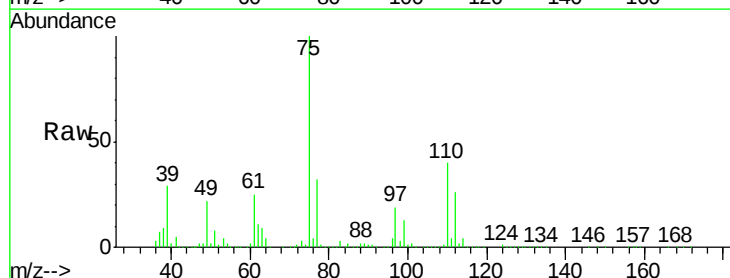
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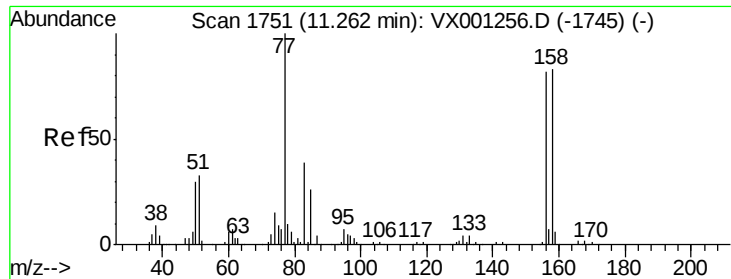
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#72
 1,2,3-Trichloropropane
 Concen: 172.60 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	75	Resp	578376
Ion Ratio	100	Lower	Upper
75	100		
77	39.9	0.0	85.8





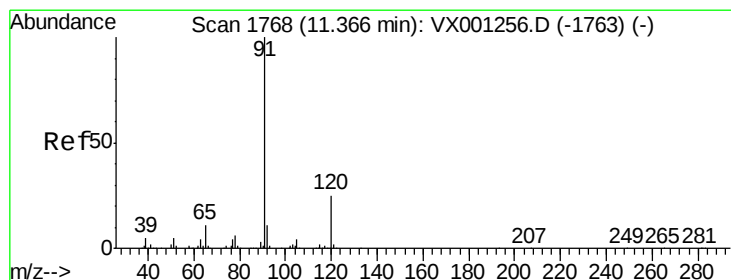
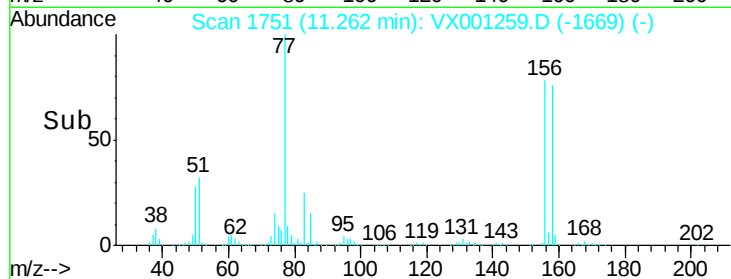
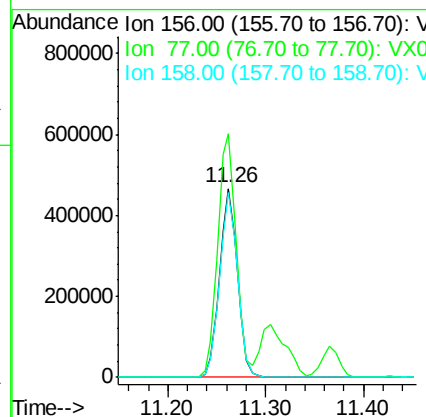
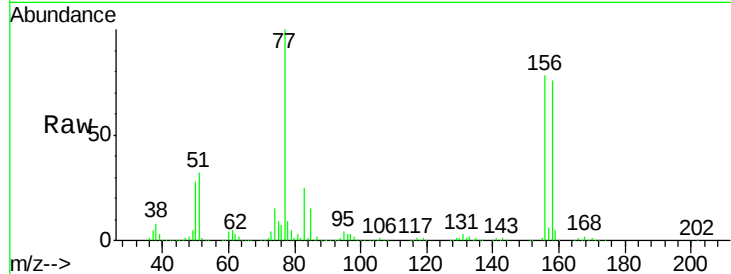
#73
Bromobenzene
Concen: 156.06 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
156	100	591617		
77	133.6	0.0	280.2	
158	97.5	0.0	197.2	

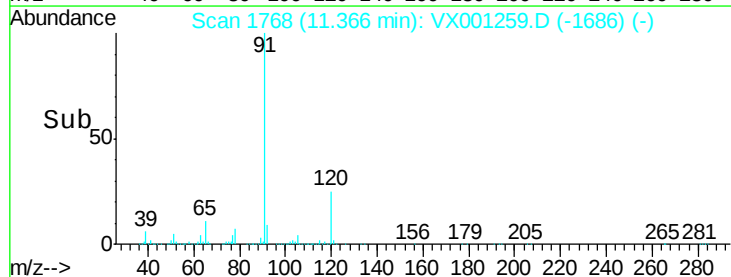
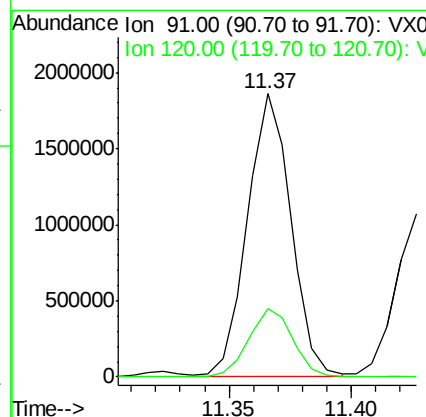
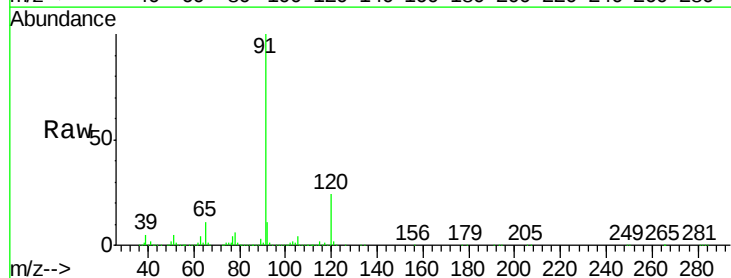
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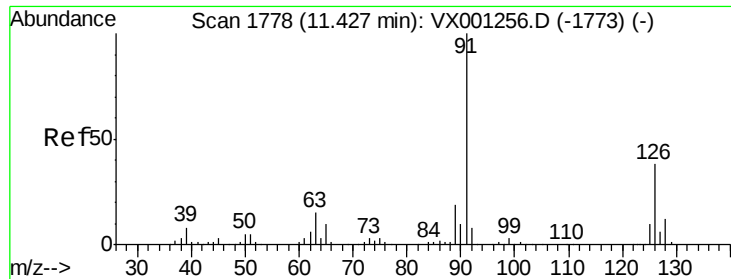
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#74
n-propylbenzene
Concen: 157.34 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2314383		
120	24.4	0.0	47.4	





#75

2-Chlorotoluene

Concen: 155.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1382113

Ion Ratio Lower Upper

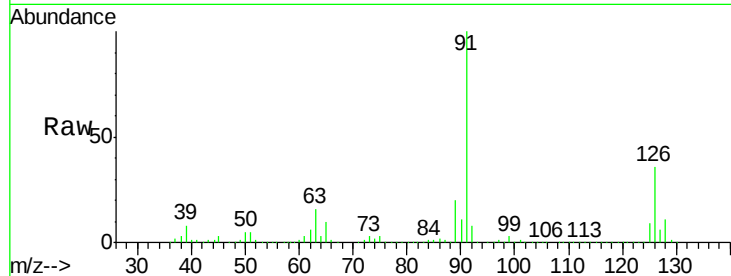
91 100

126 36.1 0.0 71.4

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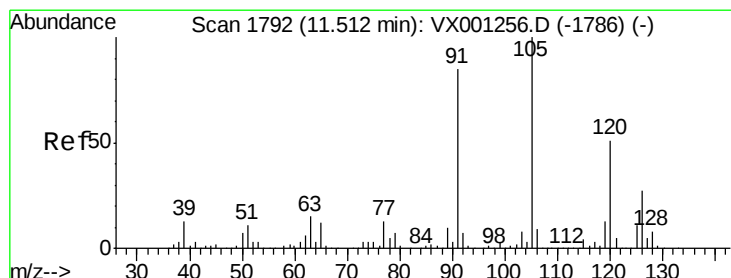
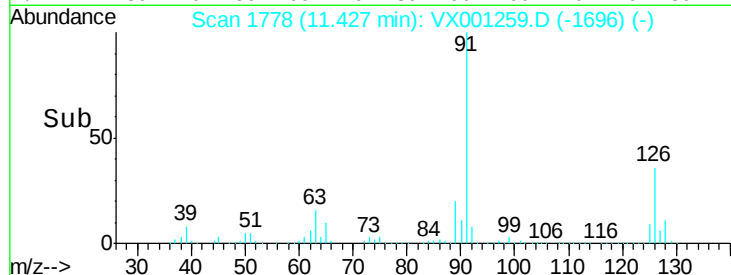
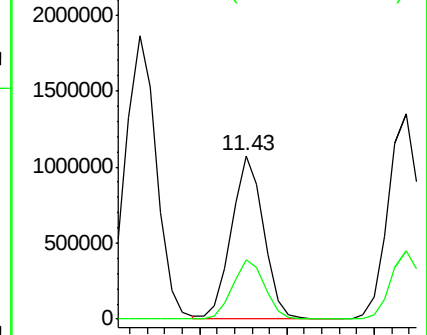
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 158.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001259.D

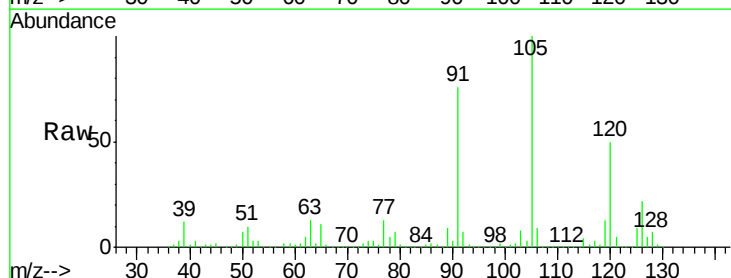
Acq: 30 Apr 2018 12:18

Tgt Ion:105 Resp: 1757983

Ion Ratio Lower Upper

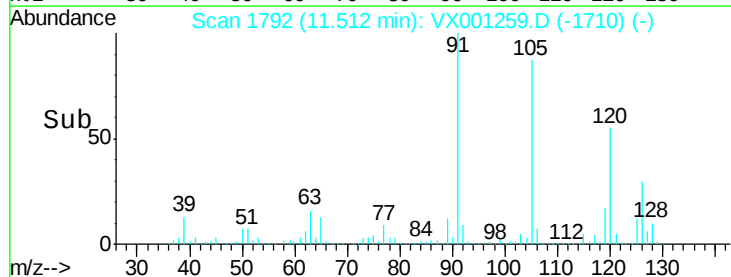
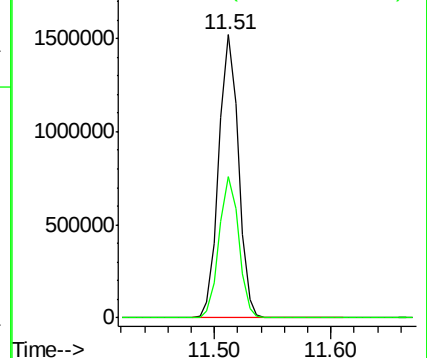
105 100

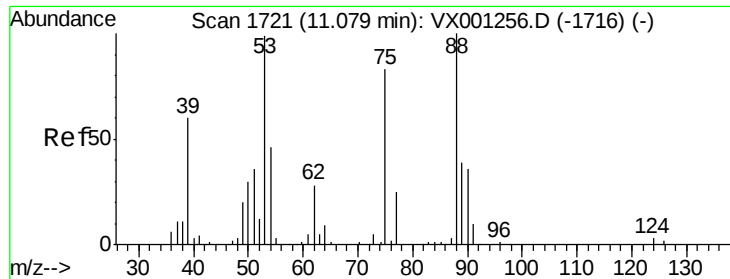
120 49.8 0.0 63.8



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: 205.29 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 75 Resp: 196359

Ion Ratio Lower Upper

75 100

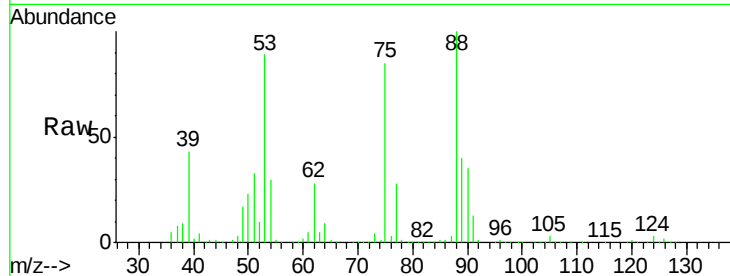
53 104.1 47.8 143.3

89 47.3 22.3 66.8

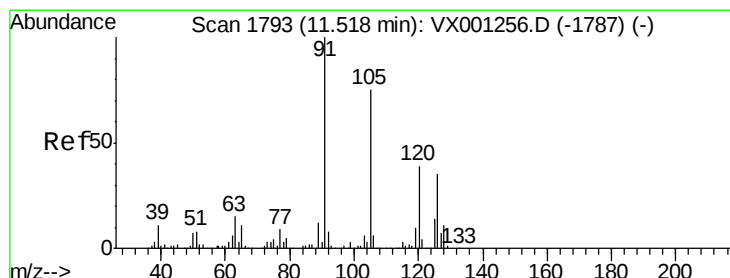
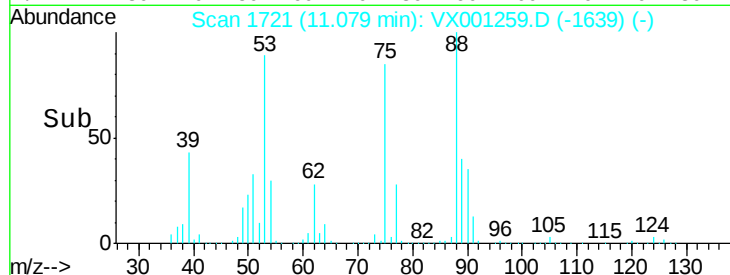
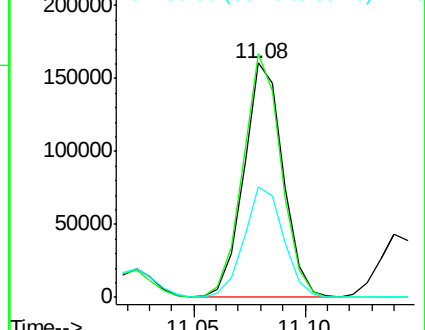
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 158.76 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001259.D

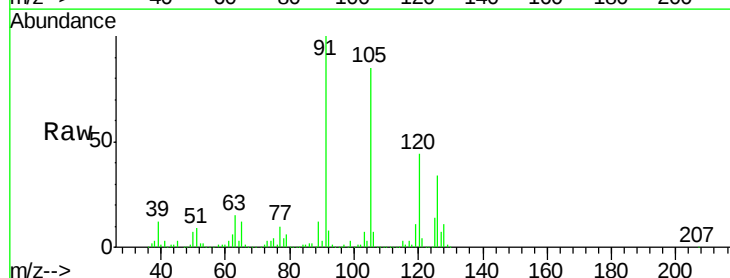
Acq: 30 Apr 2018 12:18

Tgt Ion: 91 Resp: 1677902

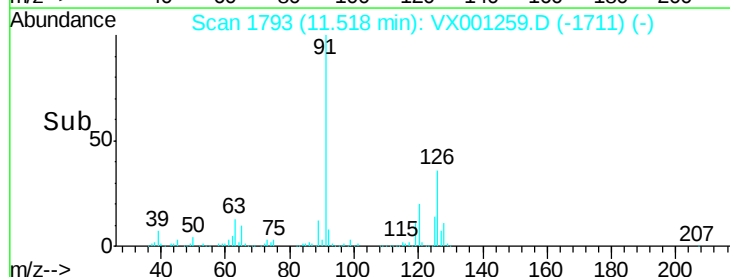
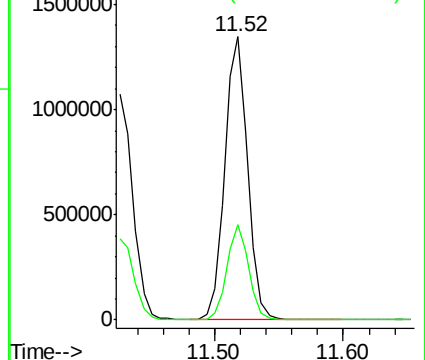
Ion Ratio Lower Upper

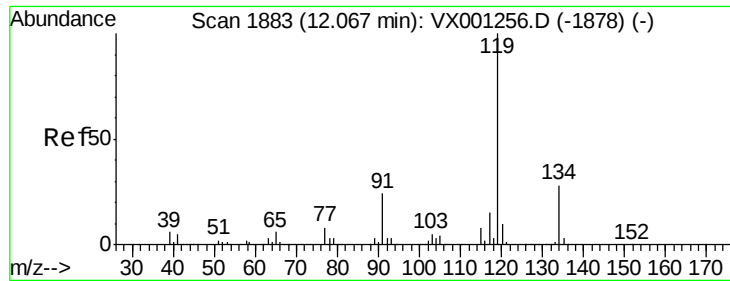
91 100

126 32.0 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





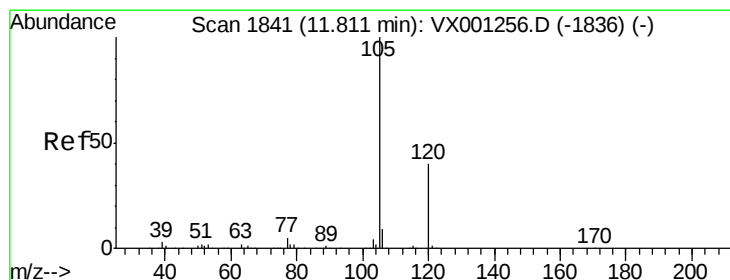
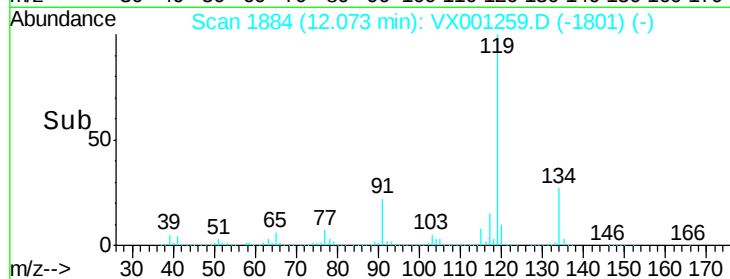
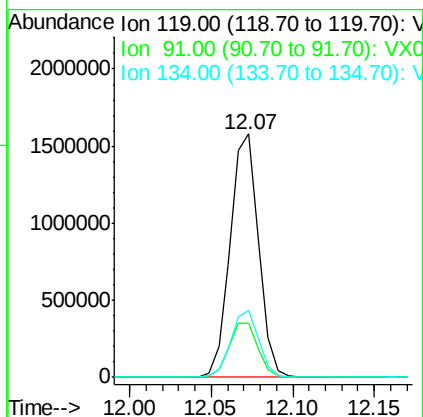
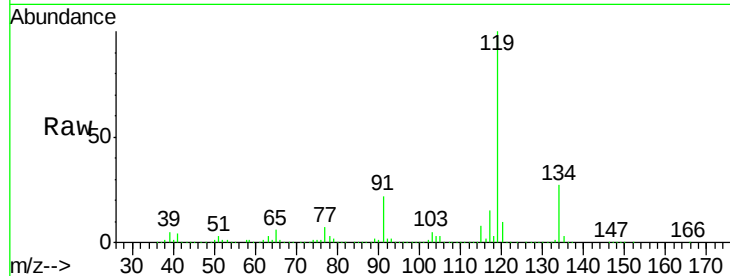
#79
tert-butylbenzene
Concen: 161.23 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1904557
Ion Ratio Lower Upper
119 100
91 23.0 0.0 51.6
134 27.0 0.0 60.2

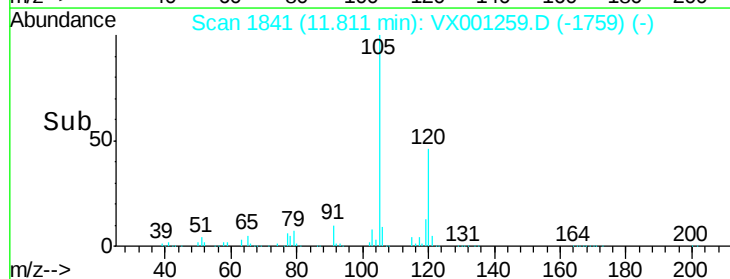
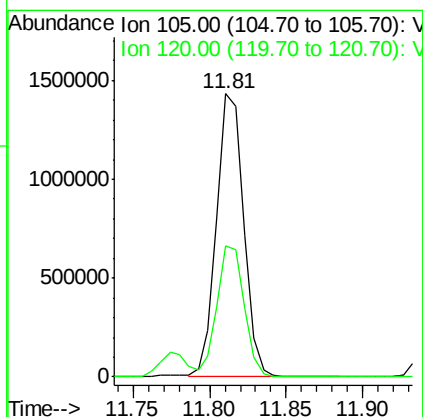
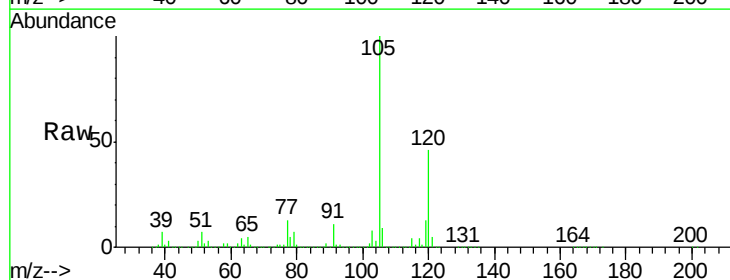
Manual Integrations
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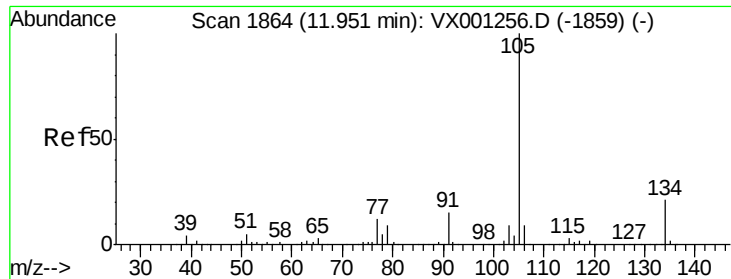
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 156.71 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion:105 Resp: 1771202
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.0





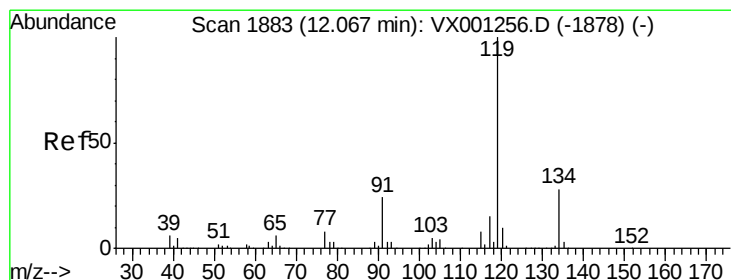
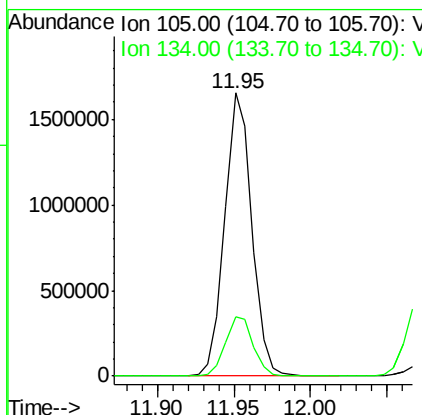
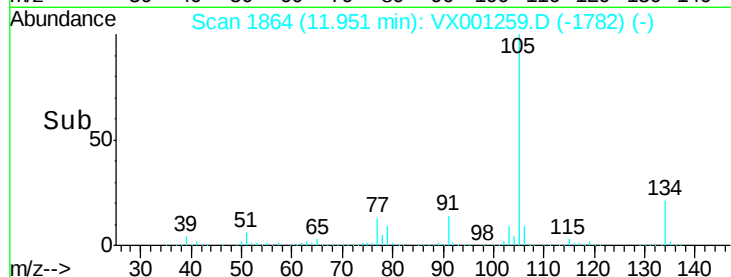
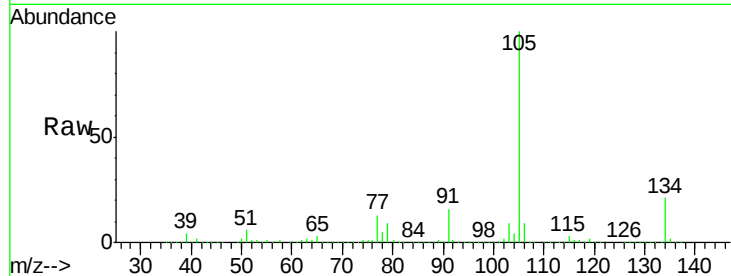
#81
 sec-Butylbenzene
 Concen: 157.14 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2025143
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 41.8

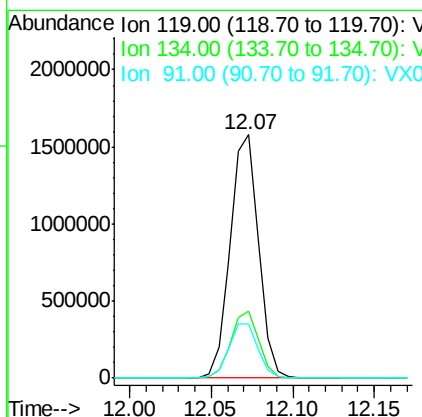
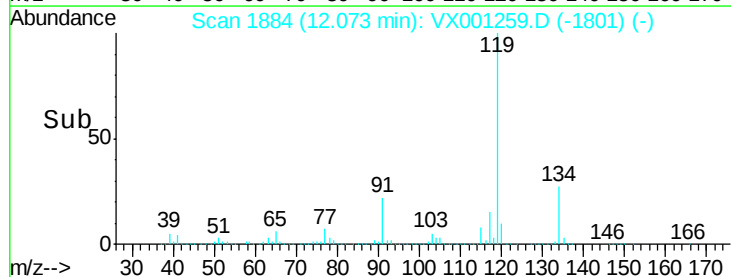
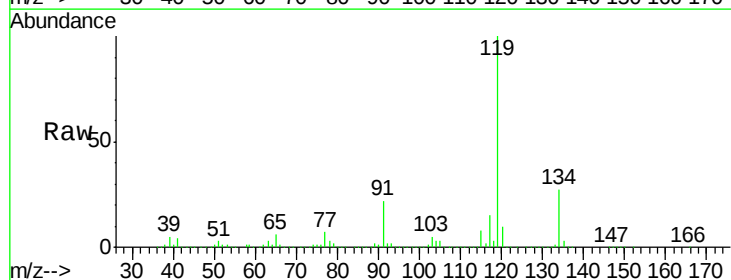
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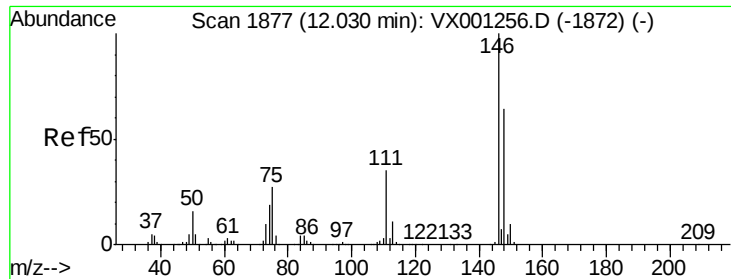
MMDadoda
 5/2/2018 11:08:05 AM



#82
 p-Isopropyltoluene
 Concen: 161.23 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion:119 Resp: 1904557
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.4
 91 23.0 0.0 46.6





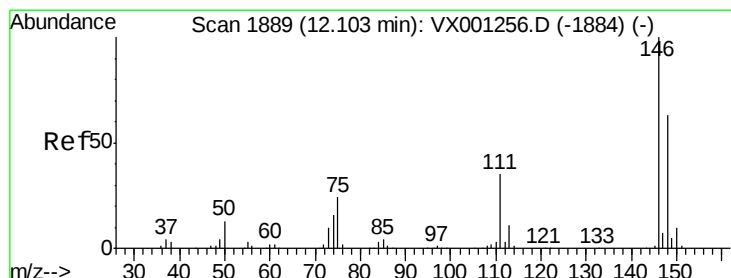
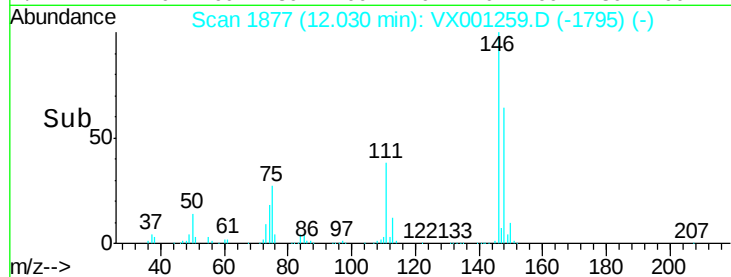
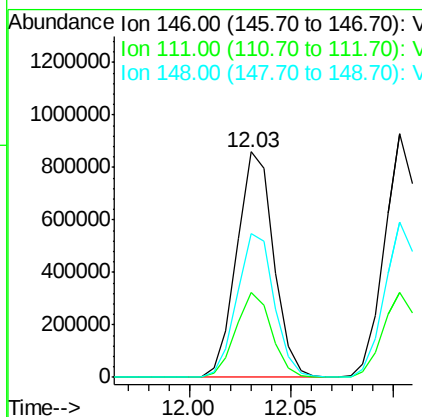
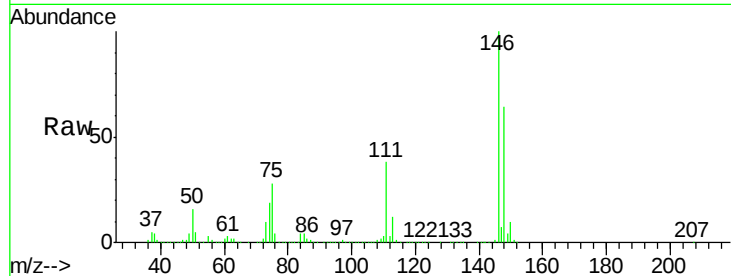
#83
 1,3-Dichlorobenzene
 Concen: 155.79 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.4	58.2
148	64.3	32.6	97.7

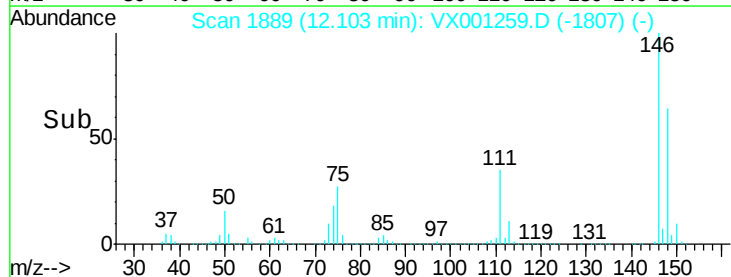
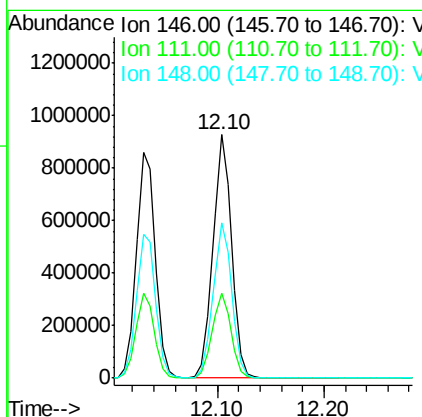
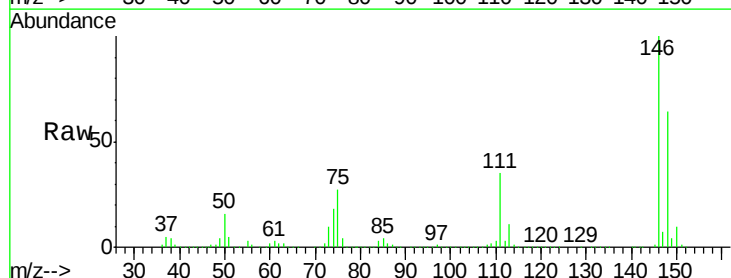
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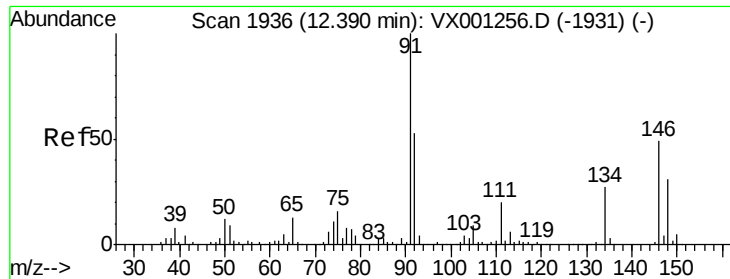
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#84
 1,4-Dichlorobenzene
 Concen: 157.63 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.4	55.0
148	64.0	31.9	95.7





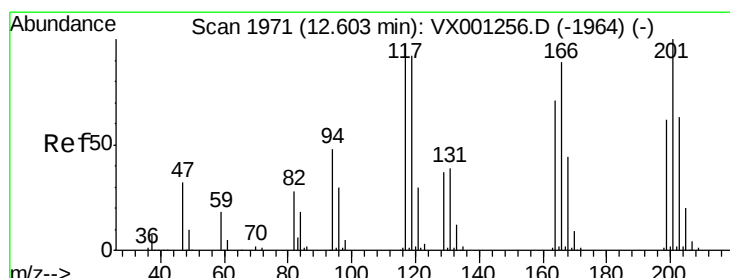
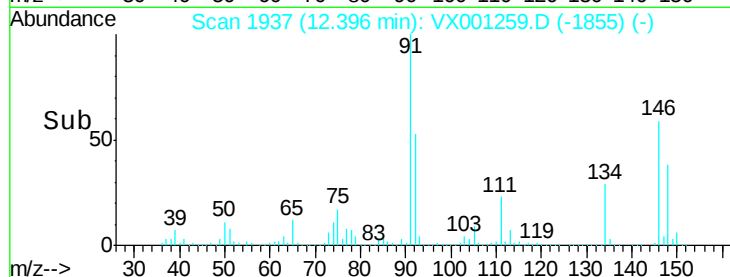
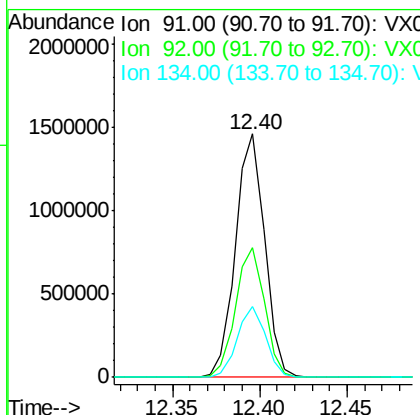
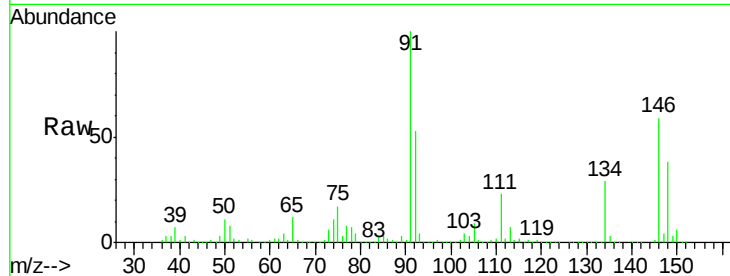
#85
n-Butylbenzene
Concen: 167.08 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1693676
Ion Ratio Lower Upper
91 100
92 53.0 0.0 102.0
134 28.5 0.0 54.2

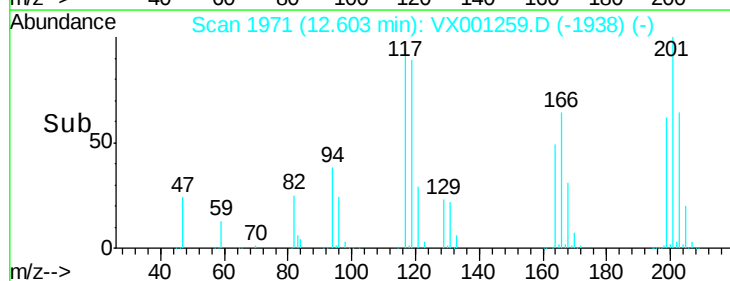
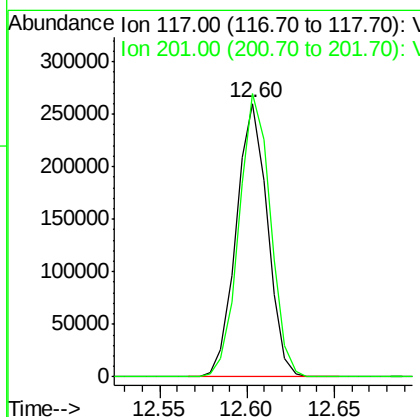
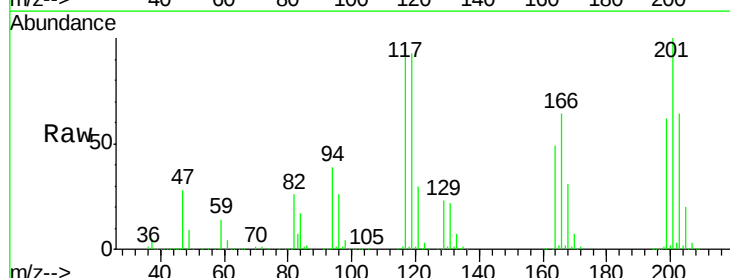
Manual Integrations
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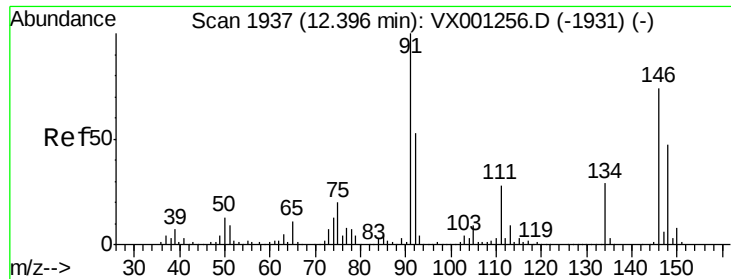
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#86
Hexachloroethane
Concen: 184.00 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 117 Resp: 322574
Ion Ratio Lower Upper
117 100
201 104.0 38.9 116.6





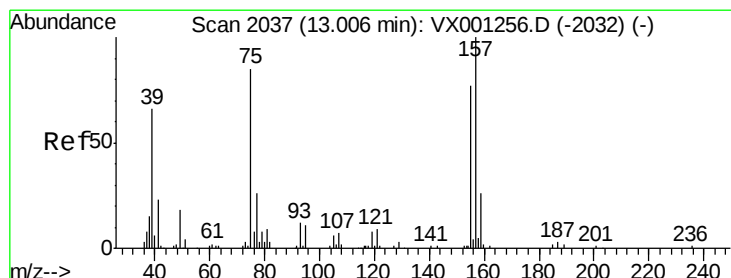
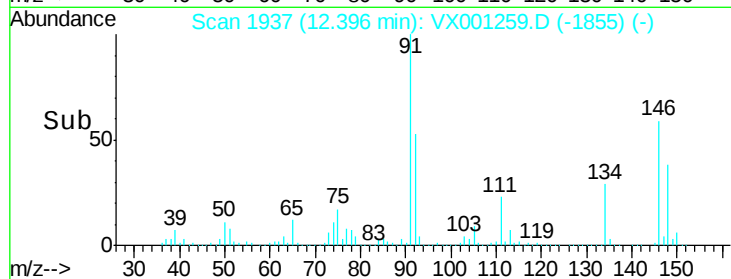
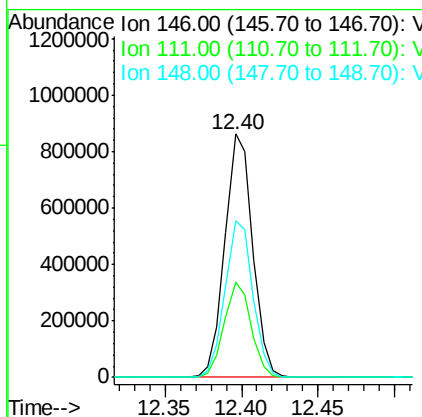
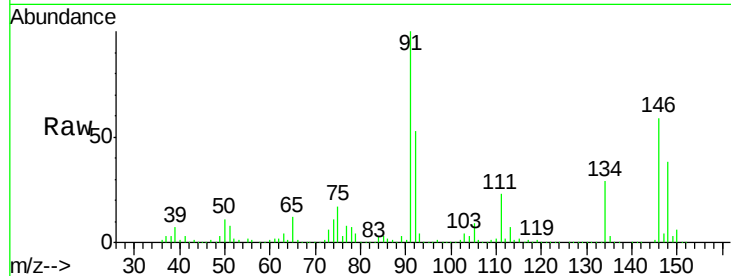
#87
 1,2-Dichlorobenzene
 Concen: 158.41 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.0	60.0
148	64.5	31.6	95.0

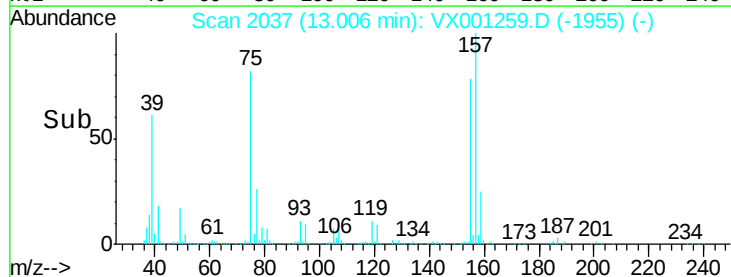
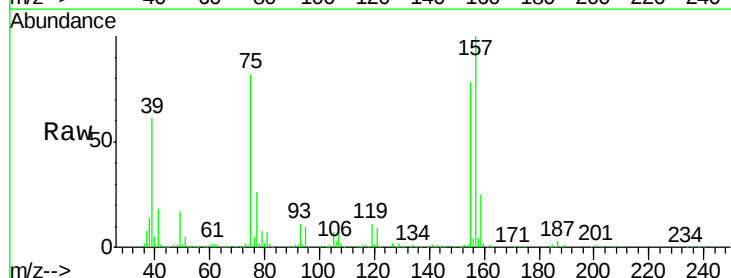
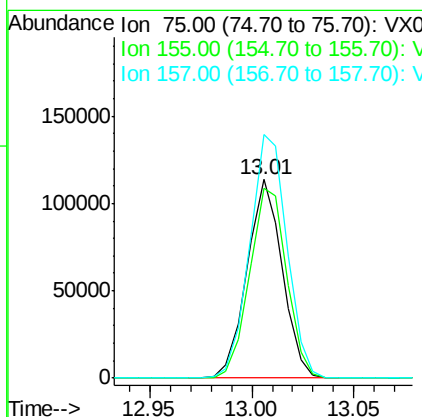
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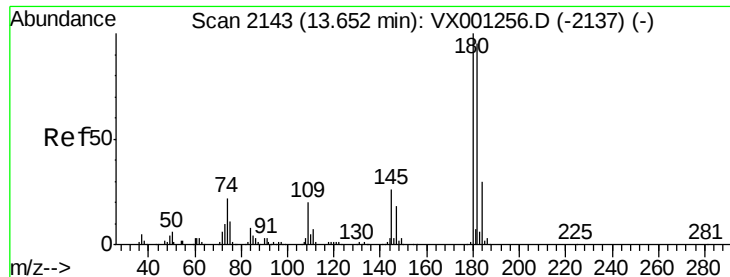
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 174.88 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.0	75.1	112.7
157	129.5	99.0	148.4





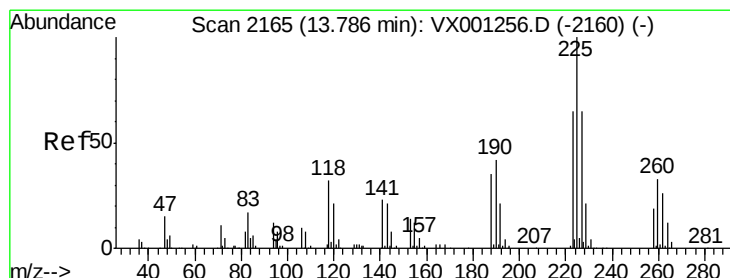
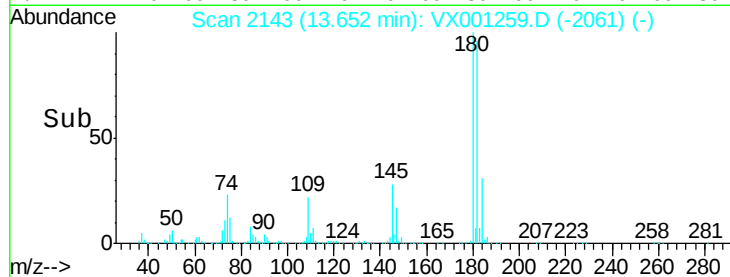
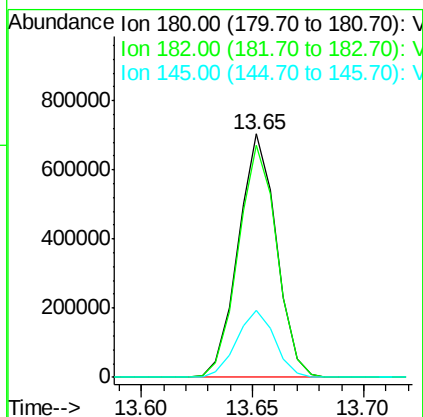
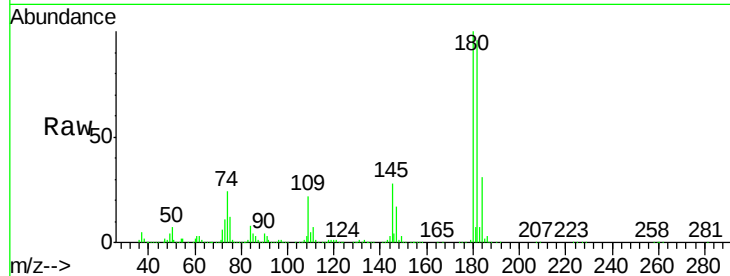
#89
 1,2,4-Trichlorobenzene
 Concen: 161.95 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	836886		
182	96.7	76.3	114.5	
145	27.7	24.6	37.0	

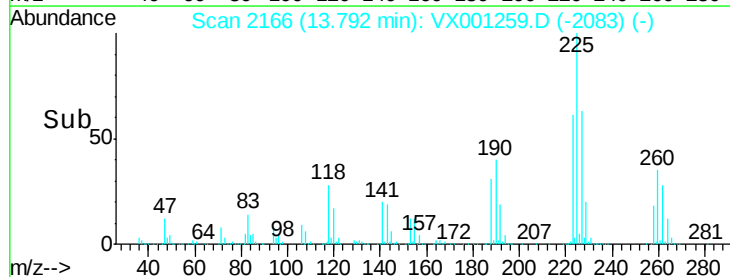
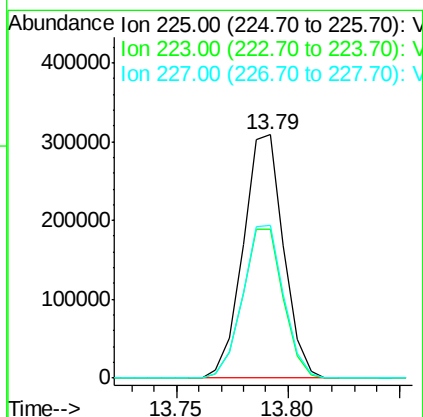
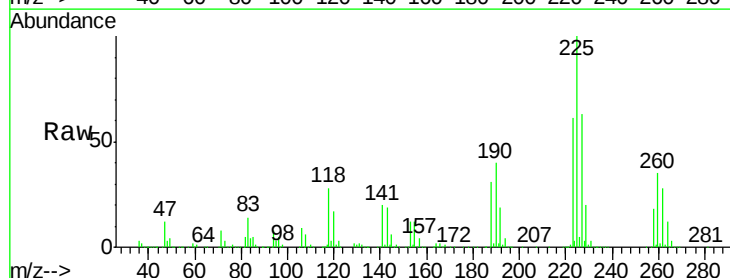
Manual Integrations
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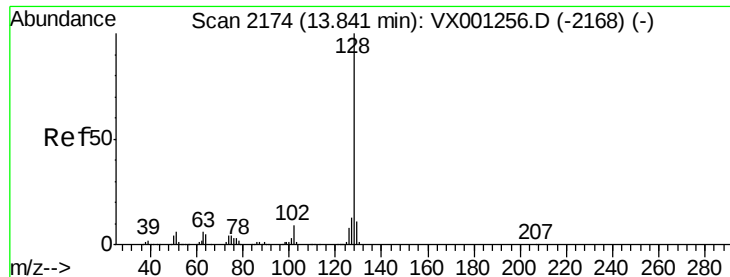
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#90
 Hexachlorobutadiene
 Concen: 163.07 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	390625		
223	61.7	0.0	131.2	
227	63.3	0.0	127.6	





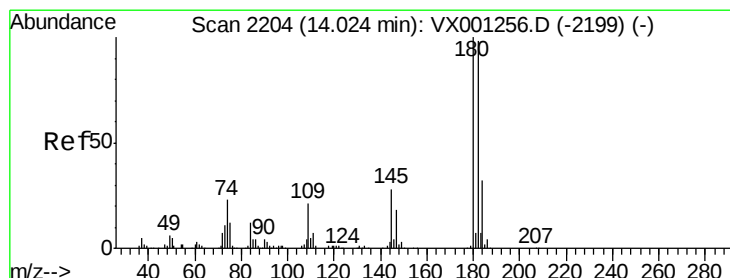
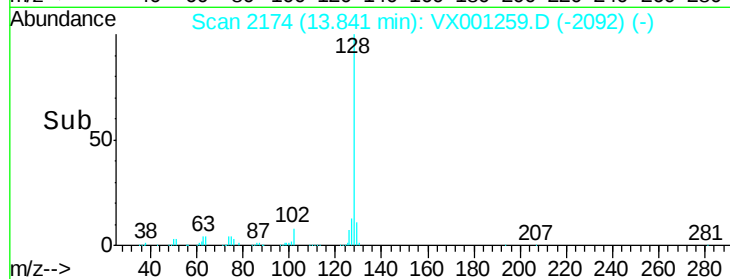
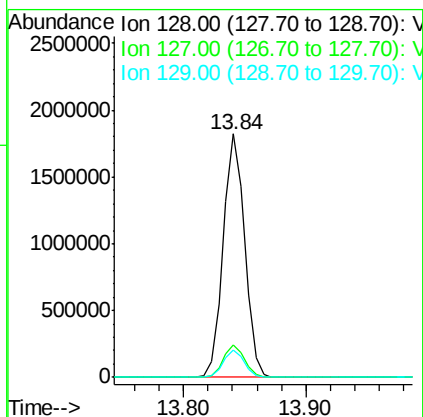
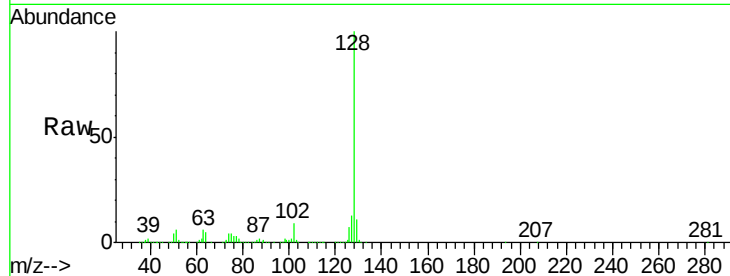
#91
Naphthalene
Concen: 165.69 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	9.0	13.6

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#92
1,2,3-Trichlorobenzene
Concen: 160.56 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	0.0	188.6
145	28.9	0.0	65.8

