

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001205.D
 Acq On : 28 Apr 2018 06:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:04:43 PM

Quant Time: Apr 28 07:18:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	246887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137729	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	5.51	113	111953	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	8.72	98	393438	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	155089	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84605	43.58	ug/l	98
3) Chloromethane	1.32	50	95160	46.81	ug/l	98
4) Vinyl Chloride	1.40	62	104191	48.30	ug/l	99
5) Bromomethane	1.64	94	89351	68.56	ug/l	100
6) Chloroethane	1.73	64	68005	50.09	ug/l	95
7) Trichlorofluoromethane	1.93	101	163229	46.86	ug/l	99
8) Diethyl Ether	2.19	74	66276	49.48	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80991	42.20	ug/l	99
10) Methyl Iodide	2.51	142	75471	39.58	ug/l	98
11) Tert butyl alcohol	3.07	59	110551	195.38	ug/l	99
12) 1,1-Dichloroethene	2.38	96	87736	46.87	ug/l	97
13) Acrolein	2.30	56	36786	171.97	ug/l	98
14) Allyl chloride	2.73	41	164471	48.17	ug/l	97
15) Acrylonitrile	3.15	53	271206	224.45	ug/l	99
16) Acetone	2.45	43	239946	203.36	ug/l	98
17) Carbon Disulfide	2.57	76	214320	44.87	ug/l	99
18) Methyl Acetate	2.78	43	141915	48.06	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	345782	50.18	ug/l	98
20) Methylene Chloride	2.86	84	108021	49.16	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	99002	47.85	ug/l	99
22) Diisopropyl ether	3.88	45	340972	49.91	ug/l	96
23) Vinyl Acetate	3.83	43	1429438	246.62	ug/l	100
24) 1,1-Dichloroethane	3.70	63	175092	48.76	ug/l	98
25) 2-Butanone	4.71	43	367409	208.11	ug/l	99
26) 2,2-Dichloropropane	4.59	77	98502	34.85	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	114234	50.42	ug/l	96
28) Bromochloromethane	5.03	49	85788	53.28	ug/l	98
29) Tetrahydrofuran	5.17	42	240009	211.44	ug/l	99
30) Chloroform	5.22	83	196483	51.46	ug/l	100
31) Cyclohexane	5.59	56	121653	39.88	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	162933	49.43	ug/l	99
36) 1,1-Dichloropropene	5.81	75	126810	44.30	ug/l	100
37) Ethyl Acetate	4.87	43	149447	43.60	ug/l	100
38) Carbon Tetrachloride	5.79	117	136484	46.50	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	117118	36.97	ug/l	95
40) Benzene	6.15	78	414403	50.05	ug/l	99
41) Methacrylonitrile	5.07	41	86853	45.09	ug/l	98
42) 1,2-Dichloroethane	6.21	62	168276	50.43	ug/l	100
43) Isopropyl Acetate	6.48	43	252141	46.84	ug/l	99
44) Trichloroethene	7.22	130	120212	48.73	ug/l	96
45) 1,2-Dichloropropane	7.53	63	108846	49.98	ug/l	98
46) Dibromomethane	7.67	93	78343	51.95	ug/l	98
47) Bromodichloromethane	7.90	83	144947	52.90	ug/l	100
48) Methyl methacrylate	7.79	41	134132	46.87	ug/l	98
49) 1,4-Dioxane	7.76	88	45568	795.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	825532	233.44	ug/l	100
52) Toluene	8.79	92	265767	49.08	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	161371	50.66	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	149699	43.72	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	118257	51.62	ug/l	99
56) Ethyl methacrylate	9.19	69	169629	49.97	ug/l	99
57) 1,3-Dichloropropane	9.38	76	190186	51.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	395122	246.23	ug/l	100
59) 2-Hexanone	9.51	43	620505	223.95	ug/l	99
60) Dibromochloromethane	9.59	129	127082	47.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	124640	51.93	ug/l	99
64) Tetrachloroethene	9.34	164	128731	48.85	ug/l	97
65) Chlorobenzene	10.15	112	320430	49.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	118574	52.98	ug/l	99
67) Ethyl Benzene	10.26	91	497050	47.29	ug/l	99
68) m/p-Xylenes	10.37	106	396964	95.54	ug/l	100
69) o-Xylene	10.71	106	197487	49.01	ug/l	99
70) Styrene	10.72	104	337637	50.34	ug/l	100
71) Bromoform	10.86	173	102509	44.18	ug/l	100
73) Isopropylbenzene	11.02	105	497306	45.51	ug/l	99
74) N-amyl acetate	6.48	43	252141	45.79	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	176739	48.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	163604m	47.92	ug/l	
77) Bromobenzene	11.26	156	160810	49.63	ug/l	97
78) n-propylbenzene	11.37	91	555721	45.61	ug/l	100
79) 2-Chlorotoluene	11.43	91	351039	46.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	435405	47.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	37562	36.53	ug/l	97
82) 4-Chlorotoluene	11.52	91	418921	46.66	ug/l	98
83) tert-Butylbenzene	11.77	119	411619	44.58	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	455030	47.85	ug/l	100
85) sec-Butylbenzene	11.95	105	476004	44.13	ug/l	100
86) p-Isopropyltoluene	12.07	119	446548	44.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	281616	48.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	289291	47.73	ug/l	99
89) n-Butylbenzene	12.40	91	367473	42.32	ug/l	100
90) Hexachloroethane	12.60	117	65887	41.32	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	291985	49.66	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37745	47.17	ug/l	98

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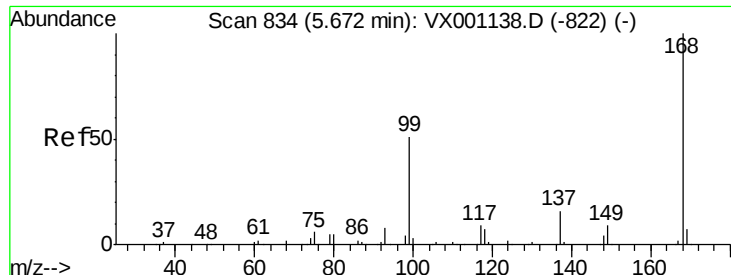
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214064	46.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	84957	39.21	ug/l	100
95) Naphthalene	13.84	128	630411	49.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	220434	48.06	ug/l	99

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



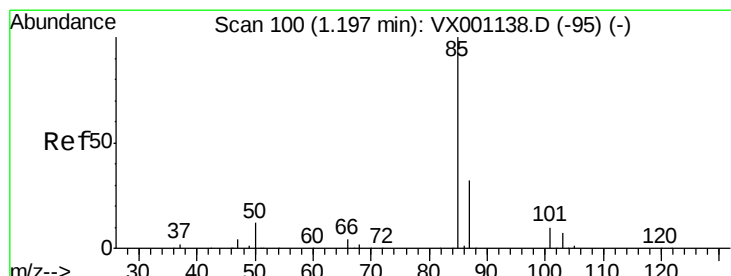
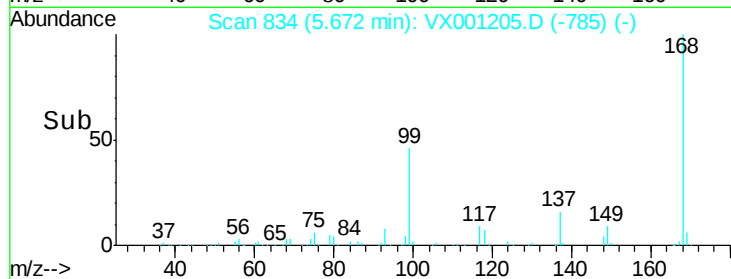
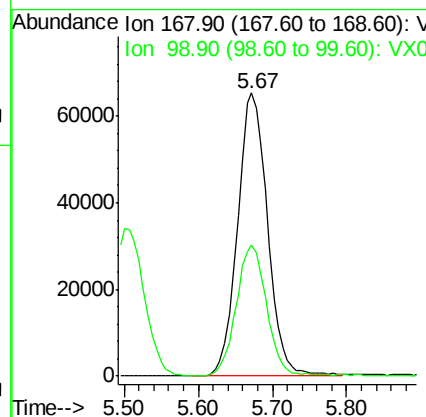
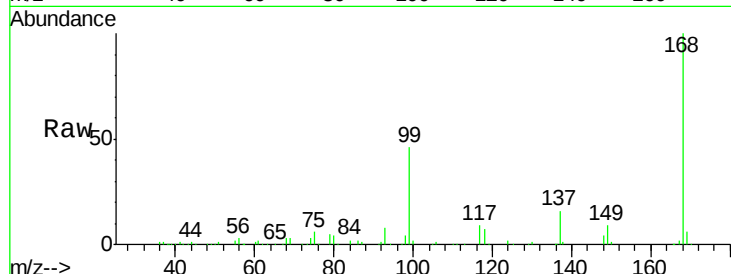
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.3	40.6	60.8

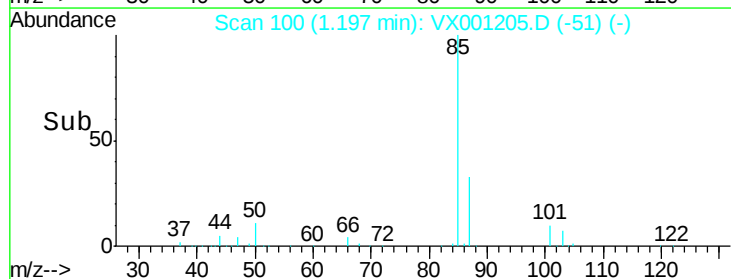
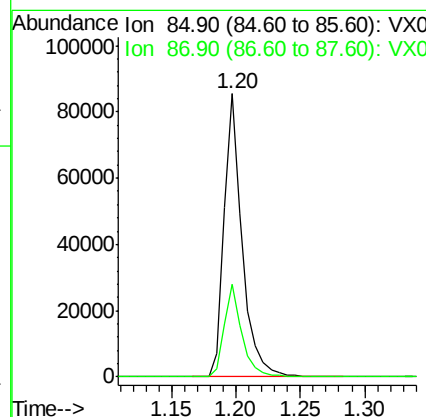
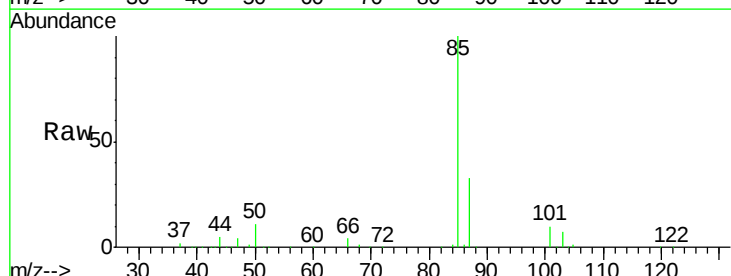
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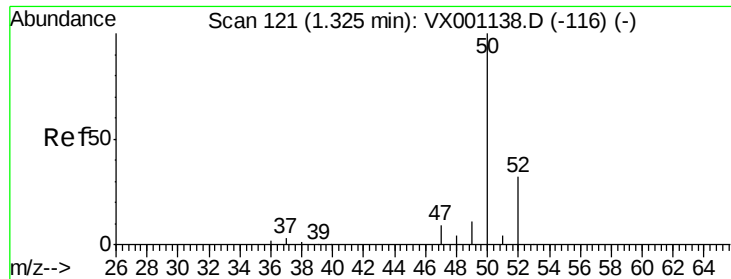
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#2
Dichlorodifluoromethane
Concen: 43.58 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.9	47.6





#3

Chloromethane

Concen: 46.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95160

Ion Ratio Lower Upper

50 100

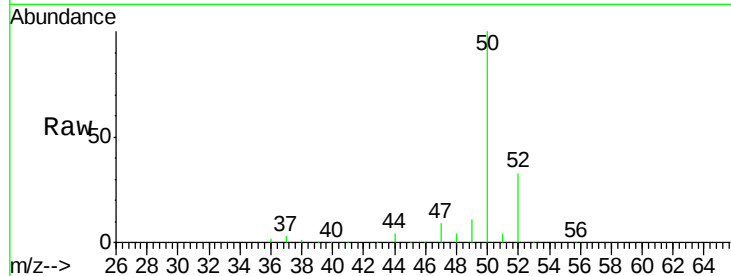
52 33.3 25.9 38.9

Manual Integrations

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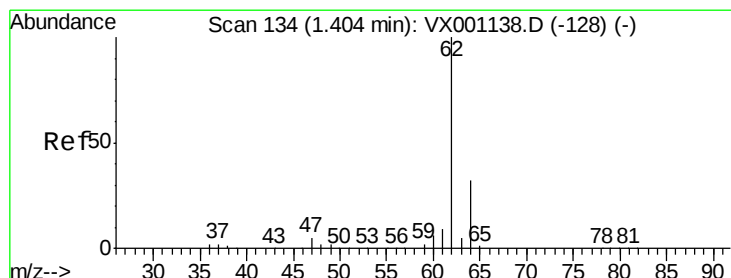
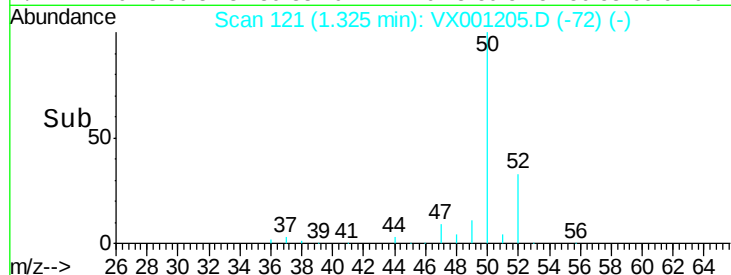
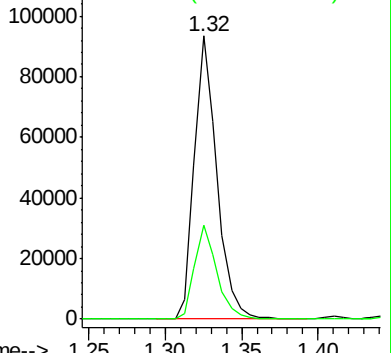
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.30 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001205.D

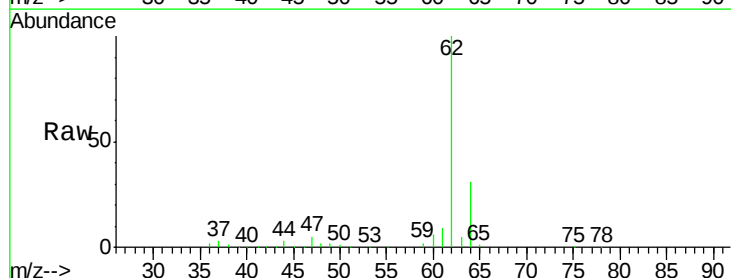
Acq: 28 Apr 2018 06:57

Tgt Ion: 62 Resp: 104191

Ion Ratio Lower Upper

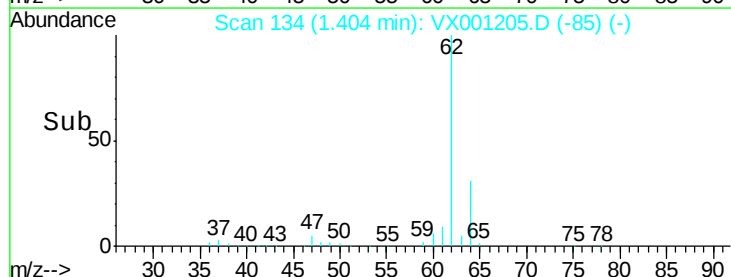
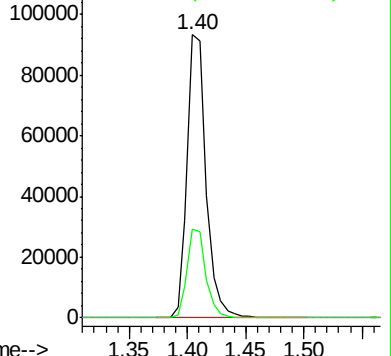
62 100

64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 68.56 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 89351

Ion Ratio Lower Upper

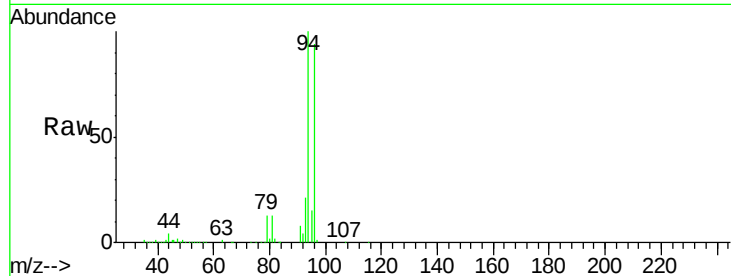
94 100

96 94.5 75.3 112.9

Manual Integrations
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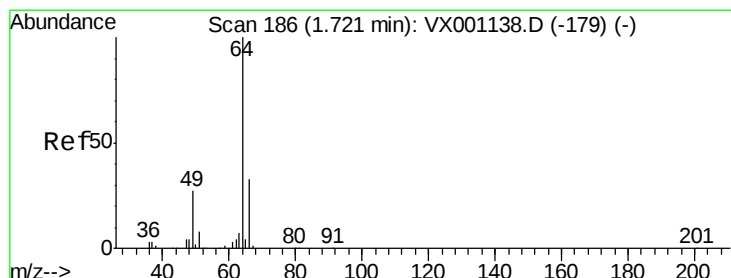
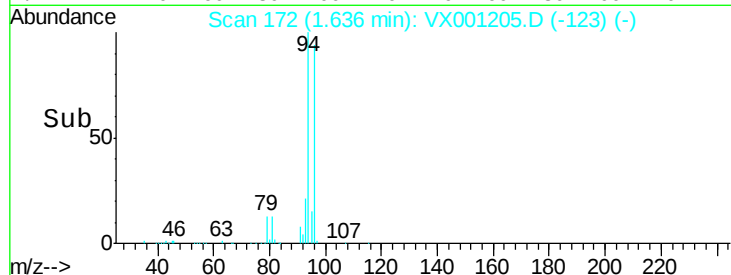
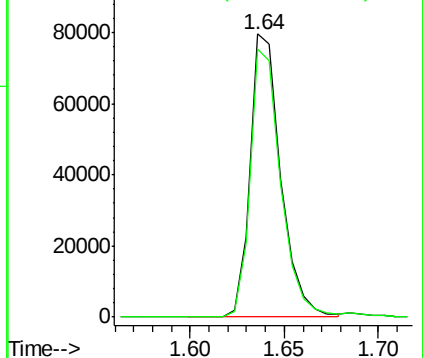
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.09 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001205.D

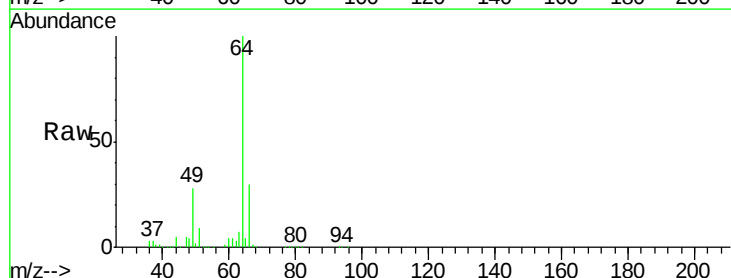
Acq: 28 Apr 2018 06:57

Tgt Ion: 64 Resp: 68005

Ion Ratio Lower Upper

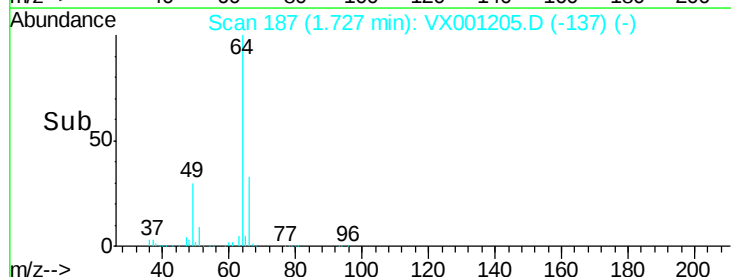
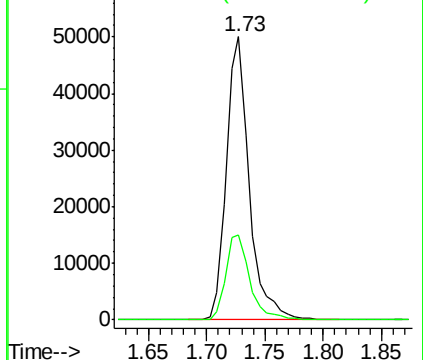
64 100

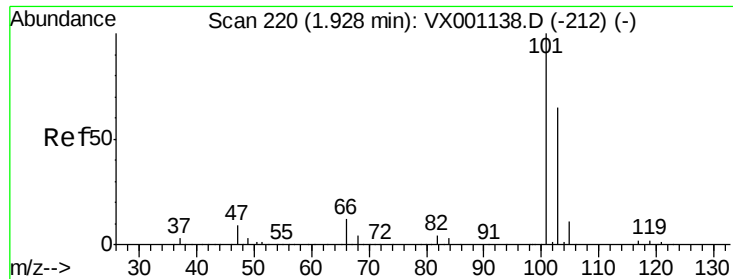
66 30.0 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

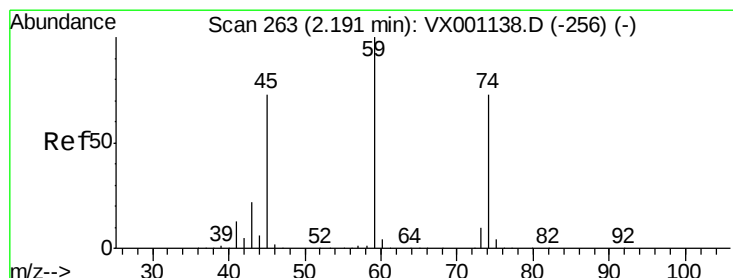
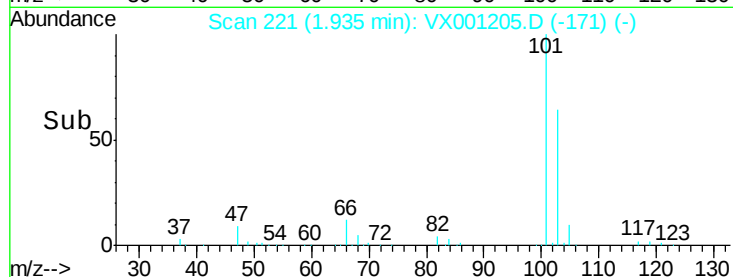
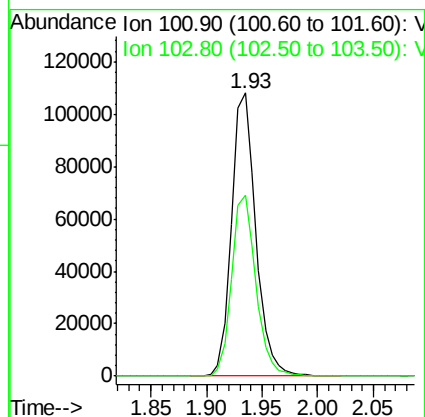
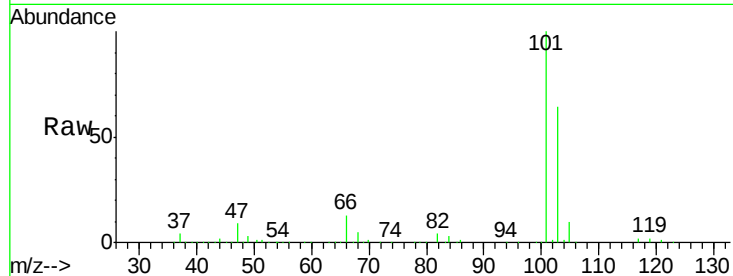
Trichlorofluoromethane
Concen: 46.86 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 163229
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

Manual Integrations
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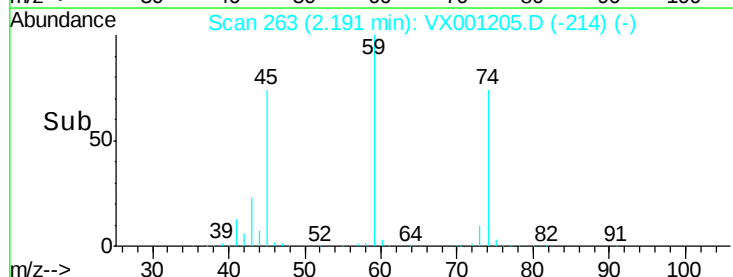
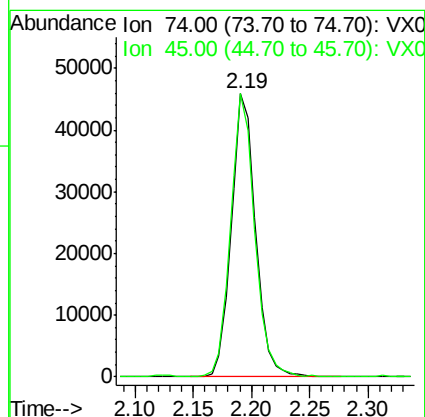
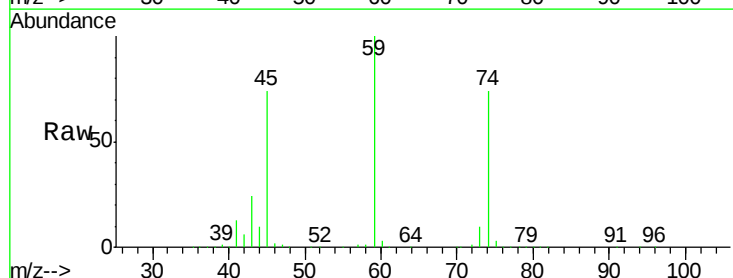
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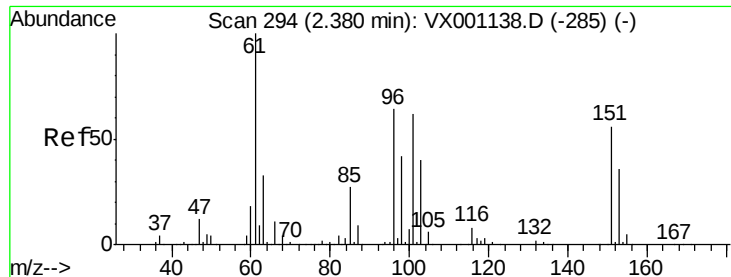


#8

Diethyl Ether
Concen: 49.48 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 74 Resp: 66276
Ion Ratio Lower Upper
74 100
45 99.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.20 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

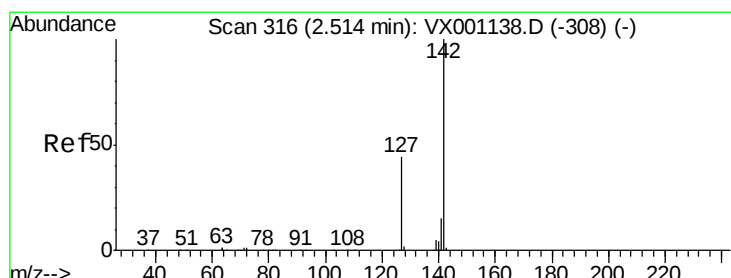
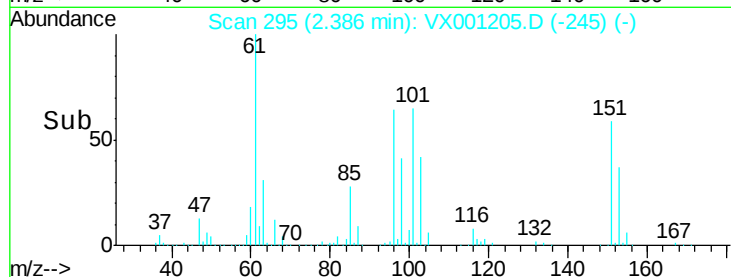
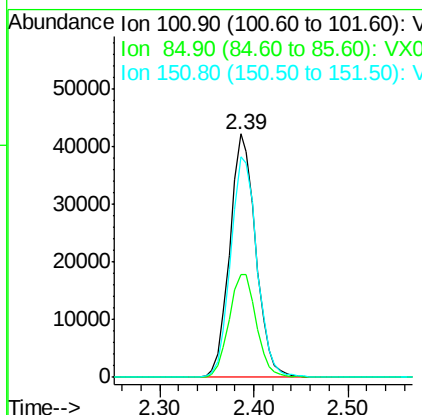
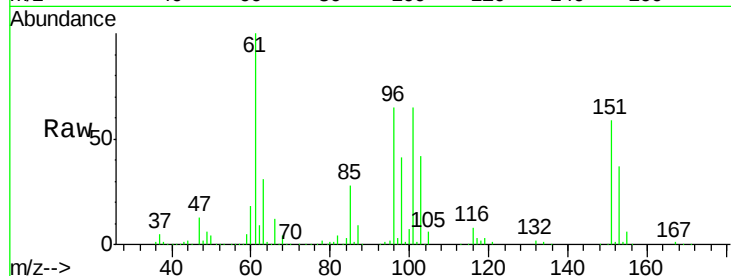
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	80991
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.4	53.0
151	92.0	74.2	111.4

Manual Integrations
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#10

Methyl Iodide

Concen: 39.58 ug/l

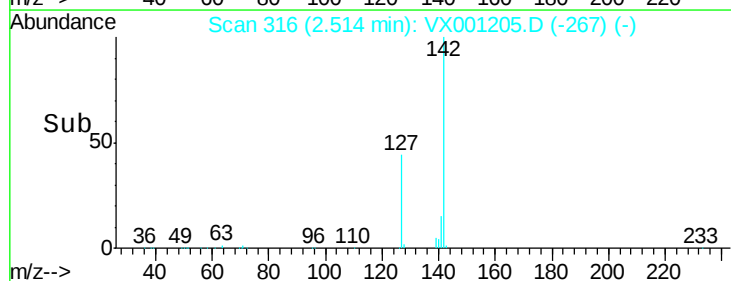
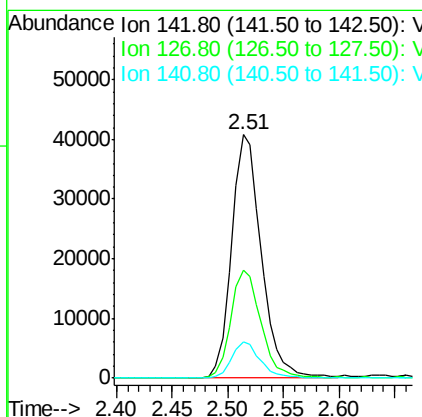
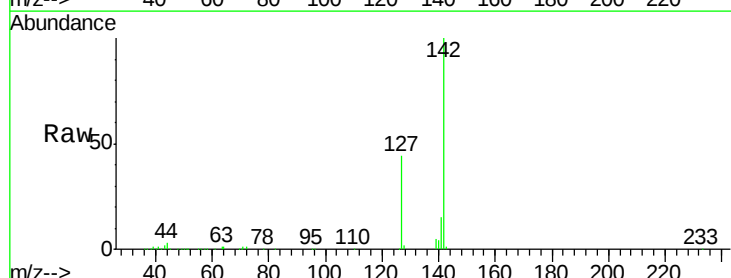
RT: 2.51 min Scan# 316

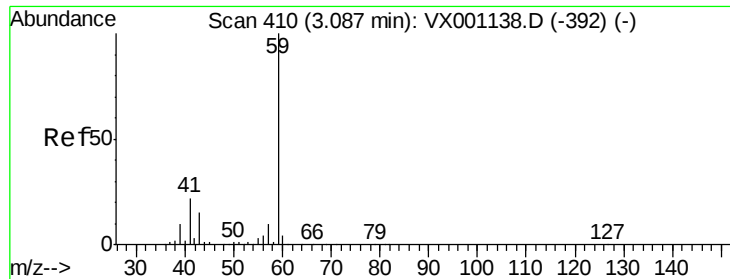
Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion:	142	Resp:	75471
Ion Ratio	Lower	Upper	
142	100		
127	45.0	34.7	52.1
141	14.7	11.6	17.4





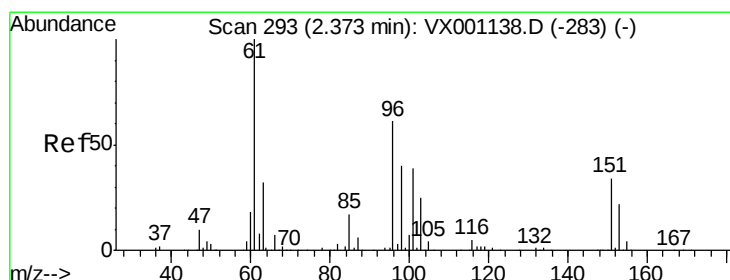
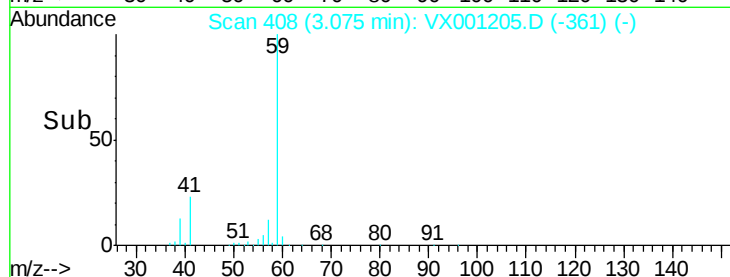
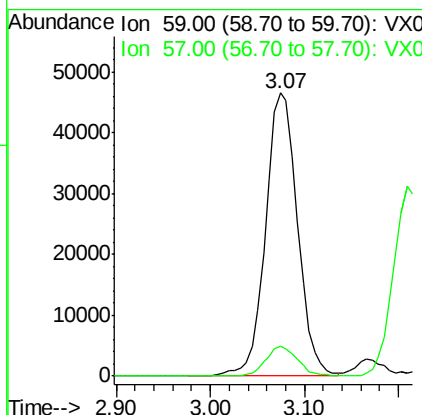
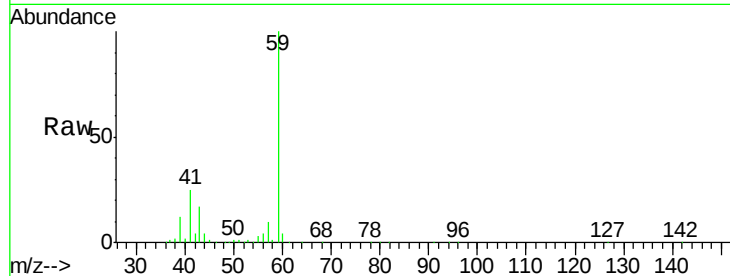
#11
Tert butyl alcohol
Concen: 195.38 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

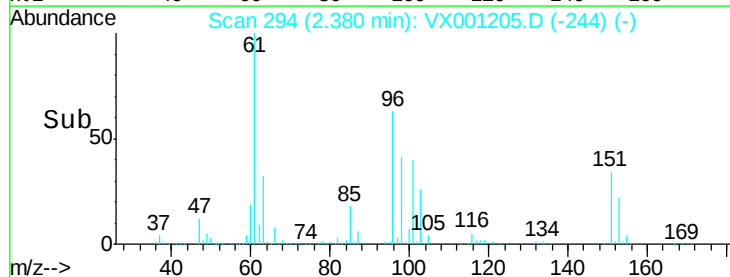
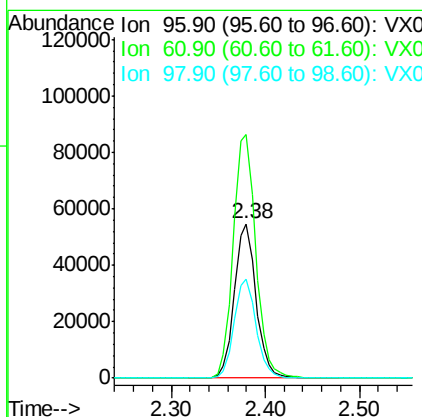
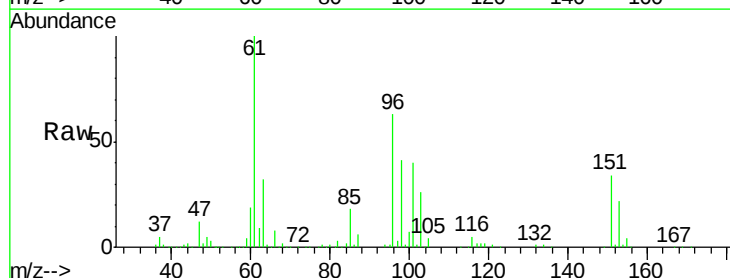
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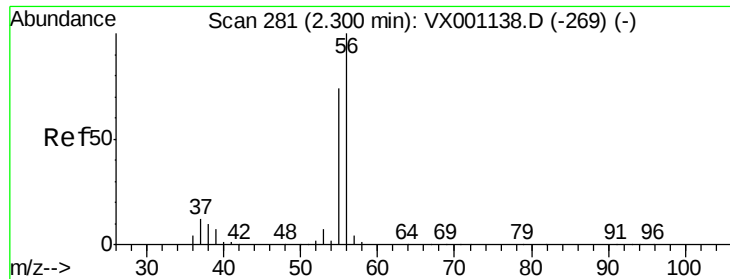
MMDadoda
4/30/2018 6:04:43 PM



#12
1,1-Dichloroethene
Concen: 46.87 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	130.2	195.4
98	64.0	51.5	77.3





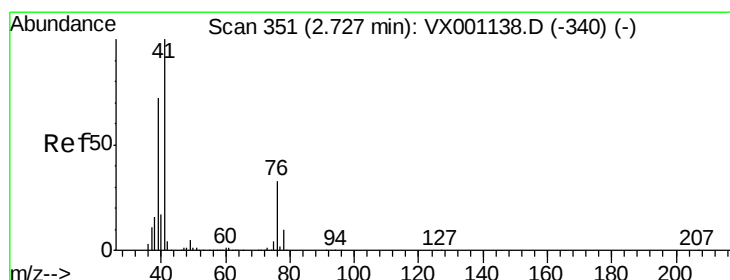
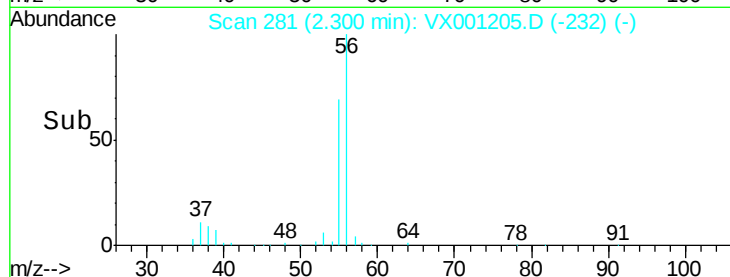
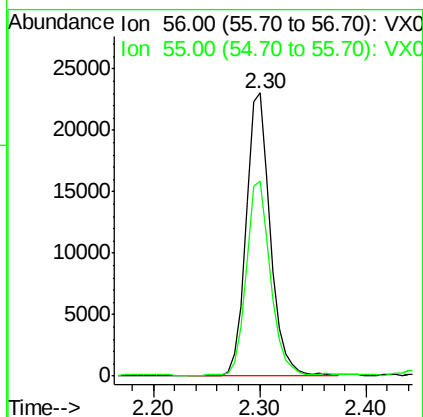
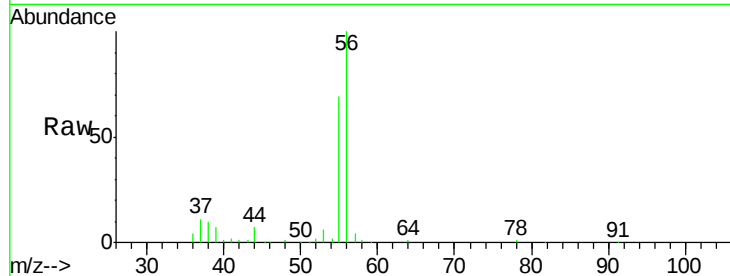
#13
Acrolein
Concen: 171.97 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	36786
Ion Ratio	100	Lower	Upper
55	69.5	57.2	85.8

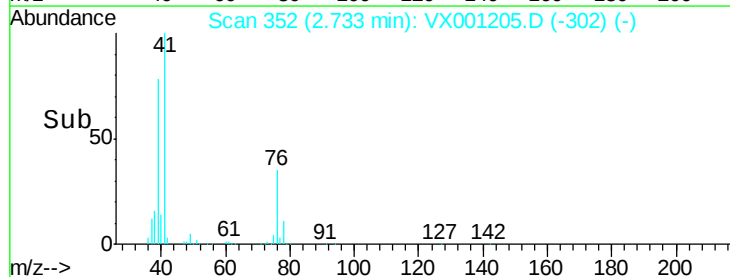
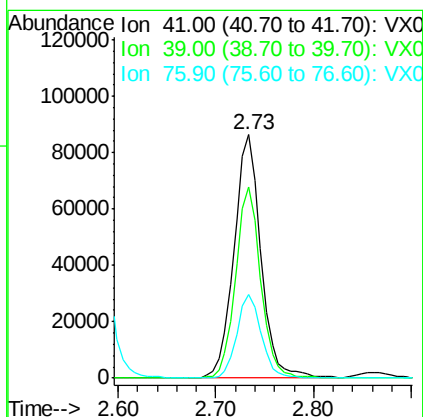
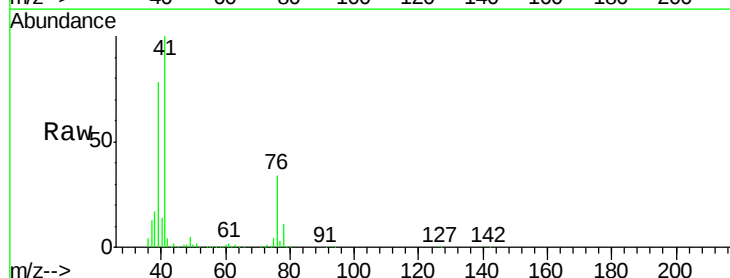
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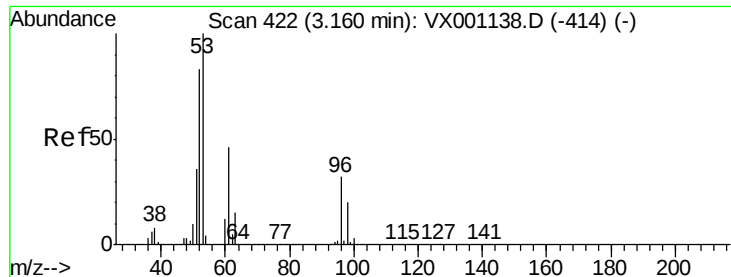
MMDadoda
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#14
Allyl chloride
Concen: 48.17 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	41	Resp	164471
Ion Ratio	100	Lower	Upper
39	73.1	55.6	83.4
76	31.5	24.8	37.2





#15

Acrylonitrile

Concen: 224.45 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

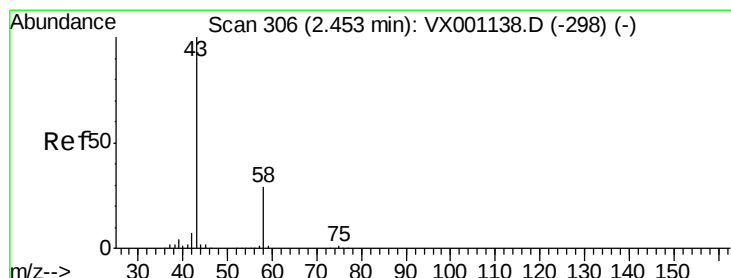
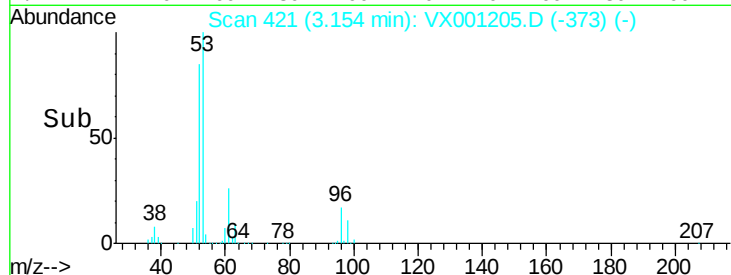
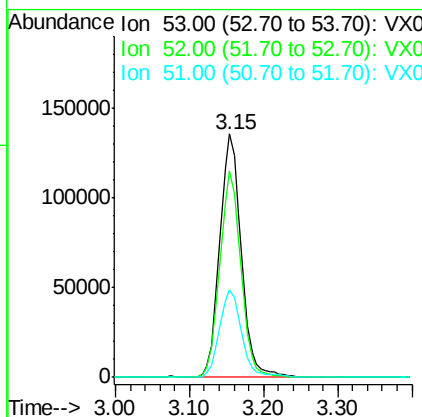
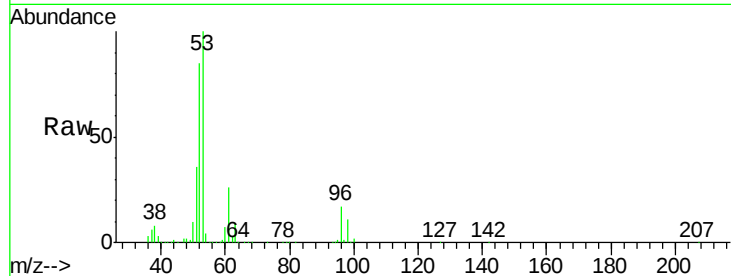
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	271206
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.5	99.7
51	37.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 203.36 ug/l

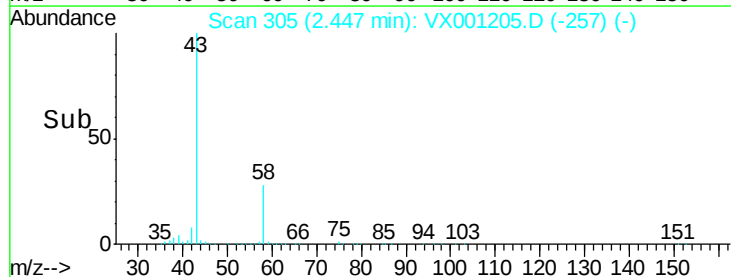
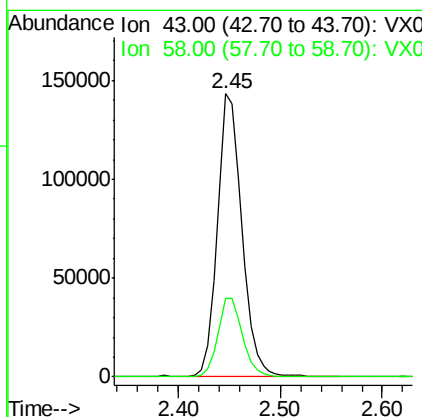
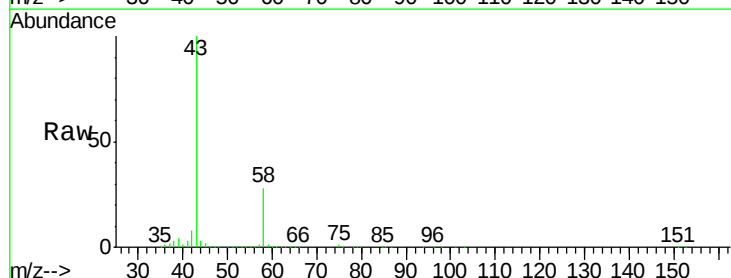
RT: 2.45 min Scan# 305

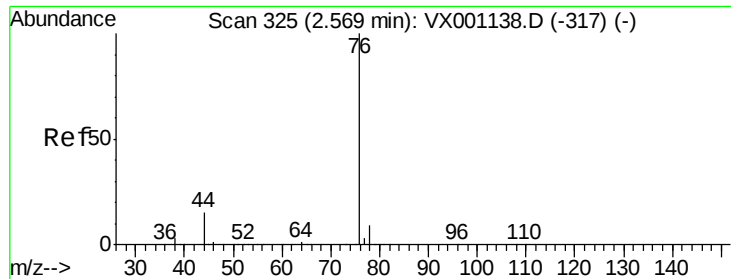
Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion:	43	Resp:	239946
Ion Ratio	Lower	Upper	
43	100		
58	27.7	23.0	34.6





#17

Carbon Disulfide

Concen: 44.87 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 214320

Ion Ratio Lower Upper

76 100

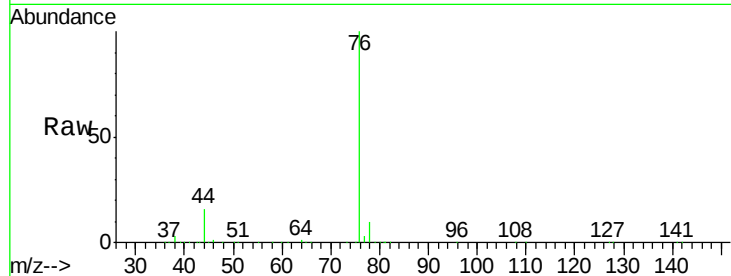
78 9.6 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

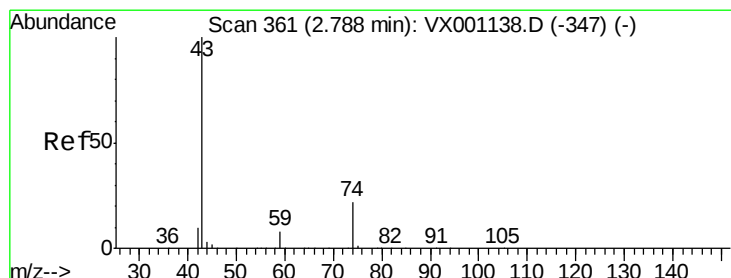
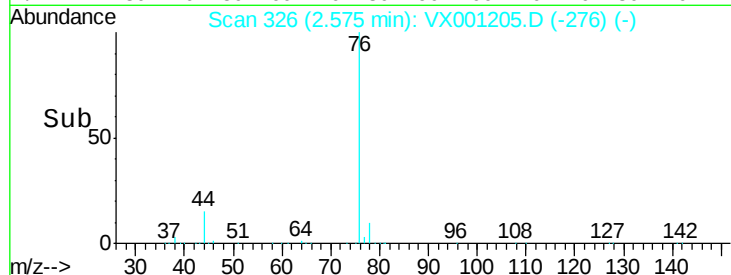
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 48.06 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001205.D

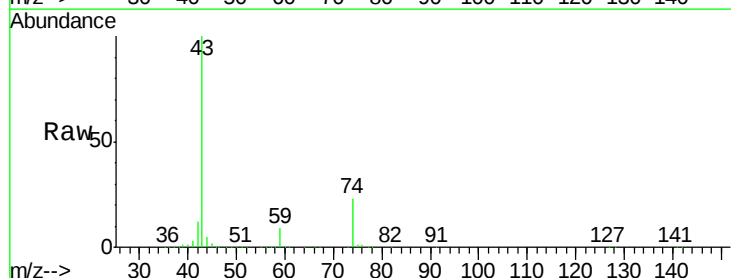
Acq: 28 Apr 2018 06:57

Tgt Ion: 43 Resp: 141915

Ion Ratio Lower Upper

43 100

74 21.9 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

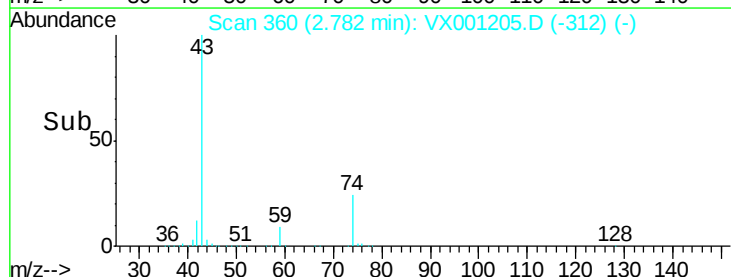
40000

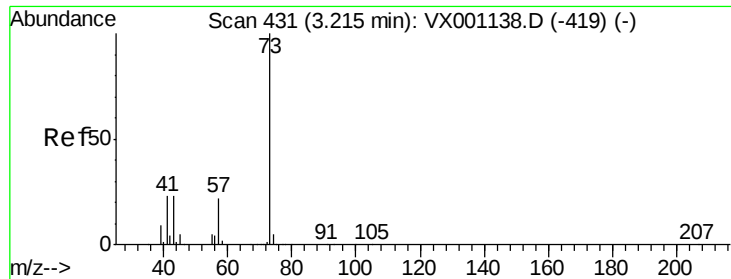
20000

0

2.70 2.75 2.80 2.85

Time-->





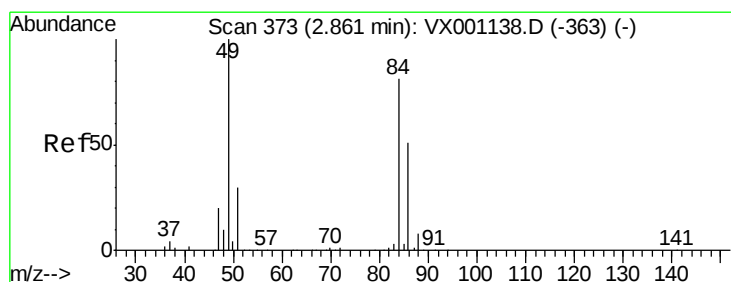
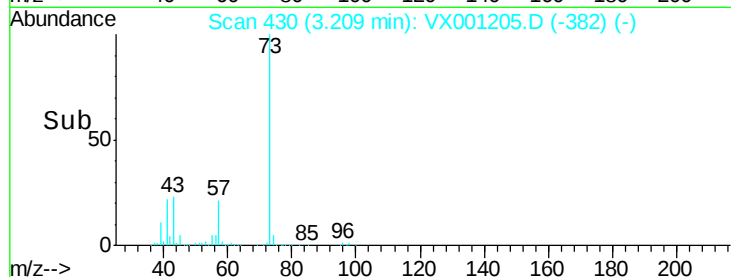
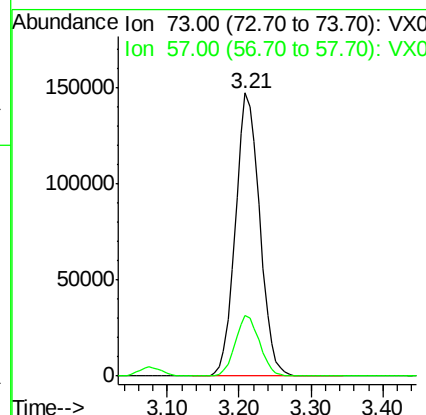
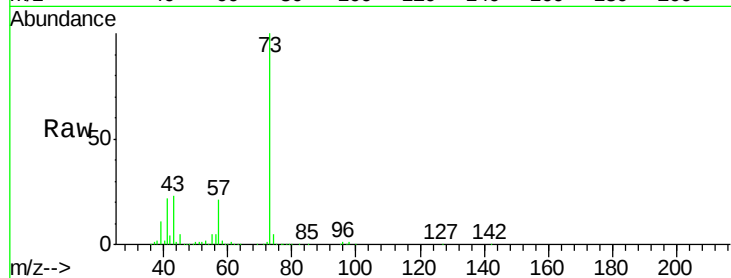
#19
Methyl tert-butyl Ether
Concen: 50.18 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.7	26.5

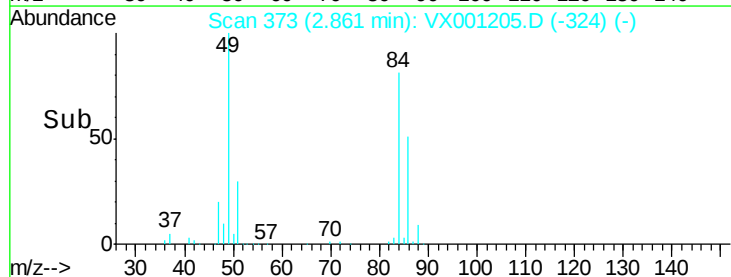
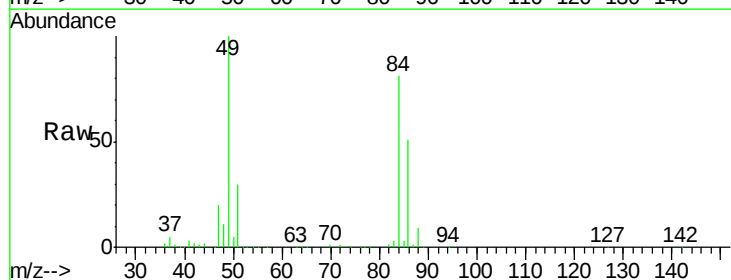
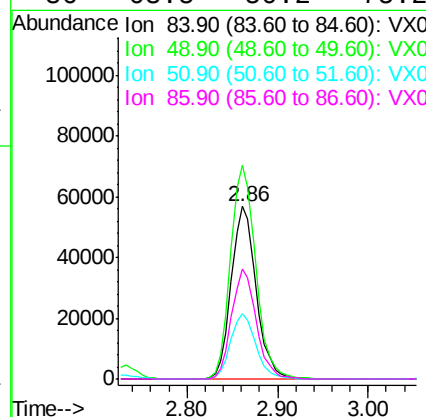
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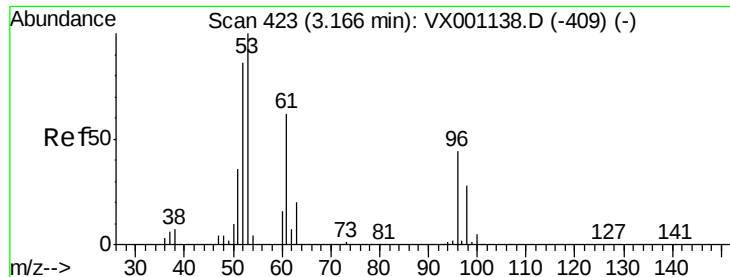
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#20
Methylene Chloride
Concen: 49.16 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	99.2	148.8
51	37.7	29.5	44.3
86	63.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.85 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

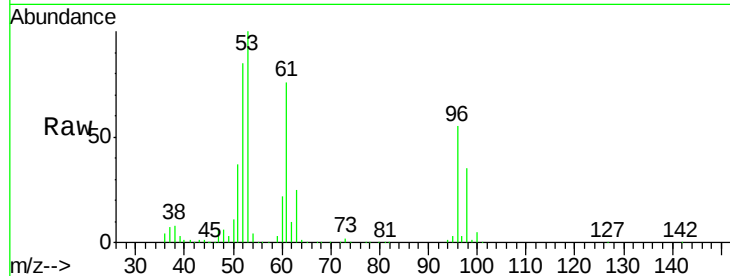
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	99002
Ion	Ratio	Lower	Upper
96	100		
61	138.2	111.9	167.9
98	63.5	51.1	76.7

Manual Integrations
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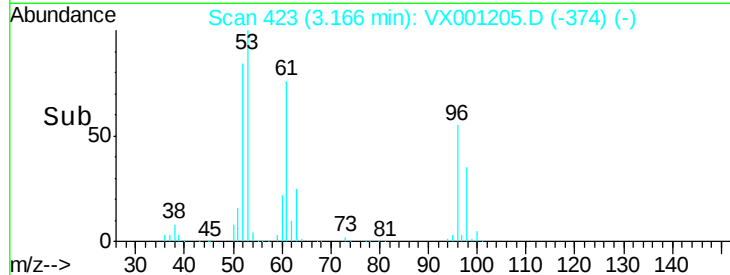


Abundance Ion 95.90 (95.60 to 96.60): VX001138.D (-409) (-)

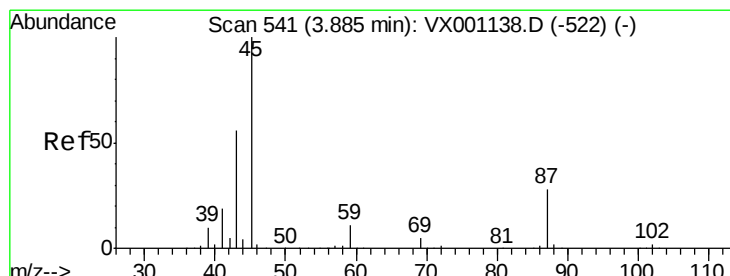
Ion 60.90 (60.60 to 61.60): VX001138.D (-409) (-)

Ion 97.90 (97.60 to 98.60): VX001138.D (-409) (-)

Time-->



Time-->



#22

Diisopropyl ether

Concen: 49.91 ug/l

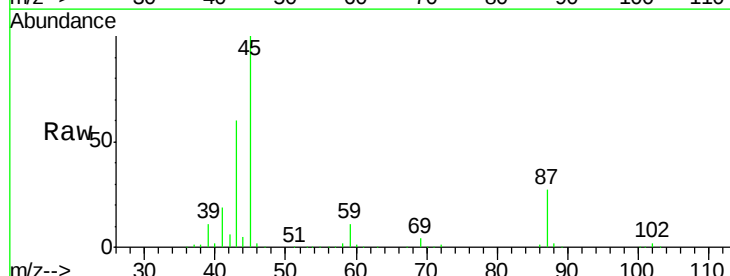
RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion:	45	Resp:	340972
Ion	Ratio	Lower	Upper
45	100		
43	60.1	45.0	67.4
87	26.8	22.8	34.2
59	11.2	9.0	13.6



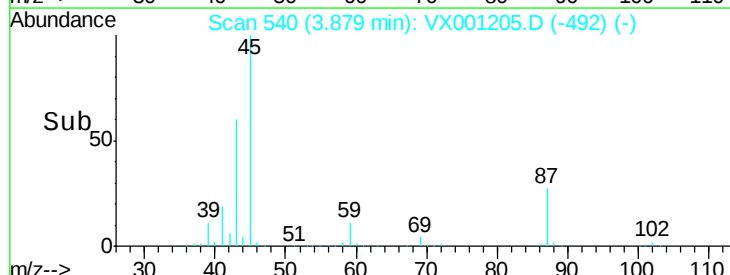
Abundance Ion 45.00 (44.70 to 45.70): VX001138.D (-522) (-)

Ion 43.00 (42.70 to 43.70): VX001138.D (-522) (-)

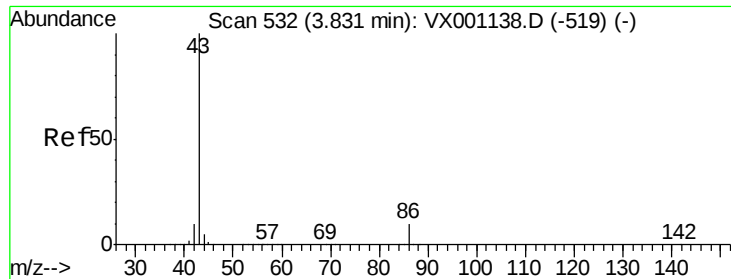
Ion 87.00 (86.70 to 87.70): VX001138.D (-522) (-)

Ion 59.00 (58.70 to 59.70): VX001138.D (-522) (-)

Time-->



Time-->



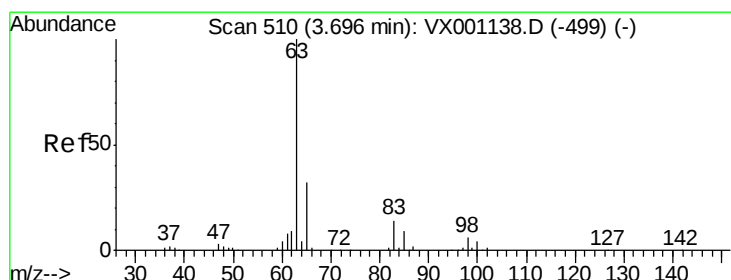
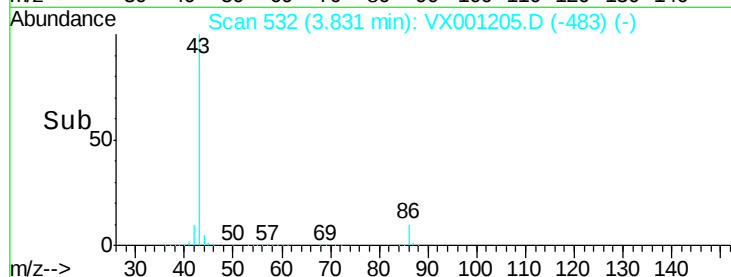
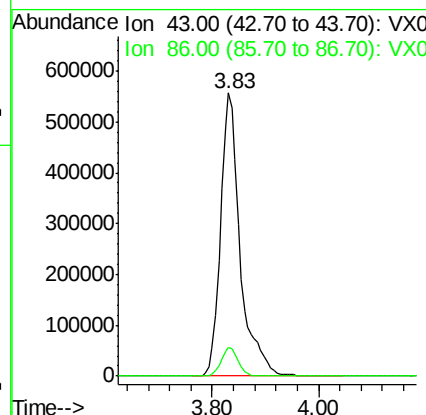
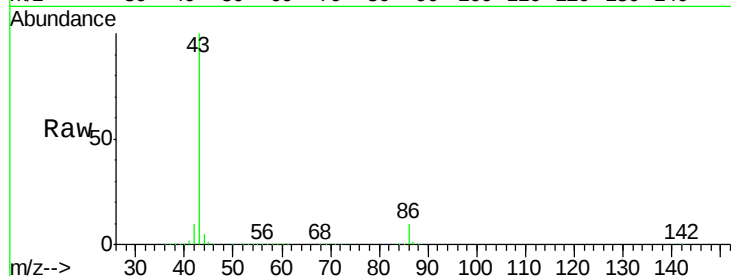
#23
 Vinyl Acetate
 Concen: 246.62 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1429438
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0

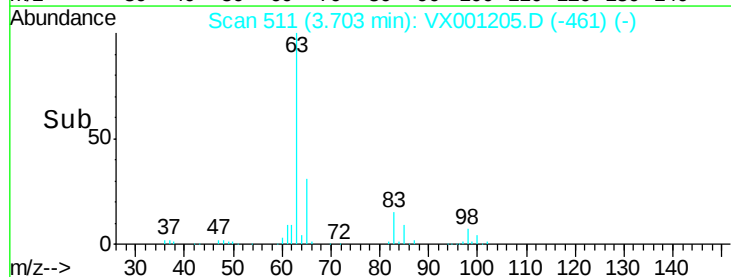
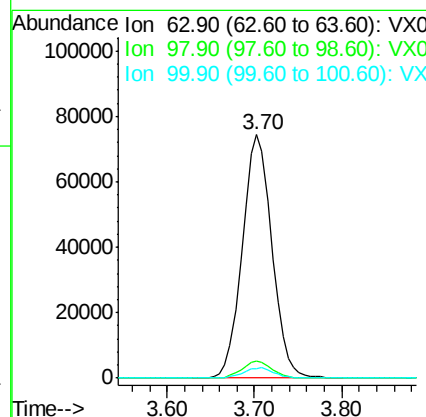
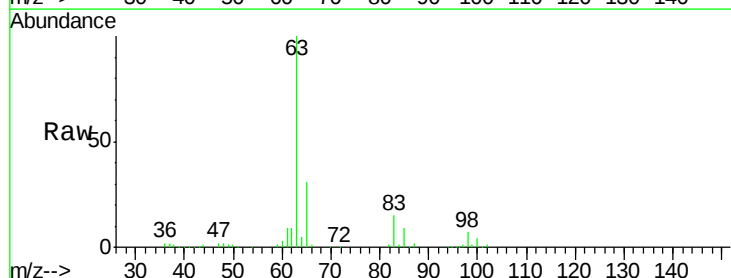
Manual Integrations
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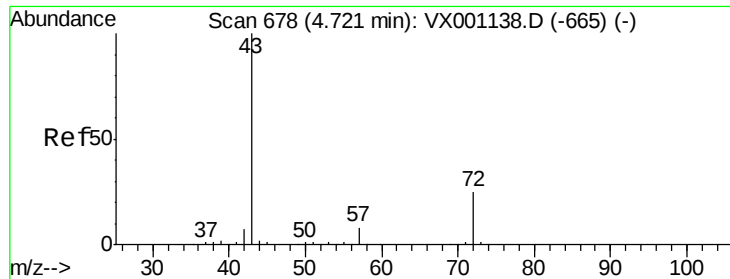
MMDadoda
 4/30/2018 6:04:43 PM



#24
 1,1-Dichloroethane
 Concen: 48.76 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 63 Resp: 175092
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 208.11 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 367409

Ion Ratio Lower Upper

43 100

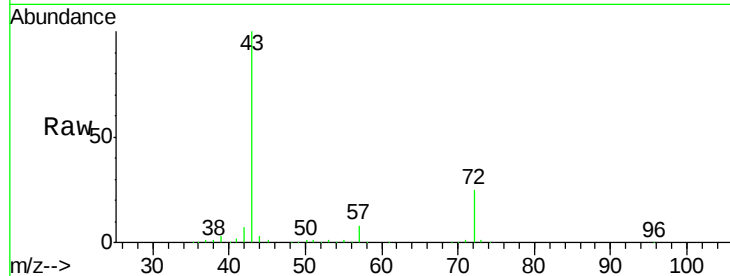
72 24.6 20.0 30.0

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

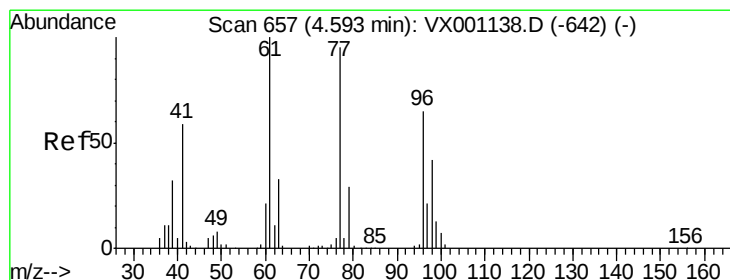
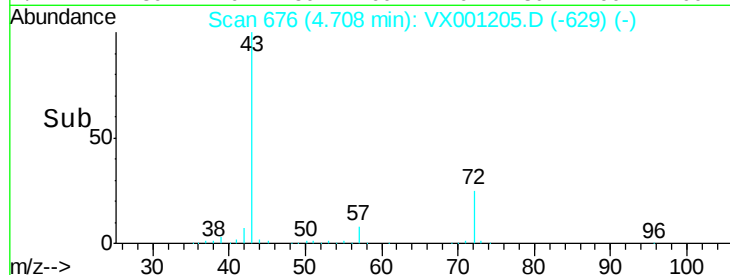
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.85 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001205.D

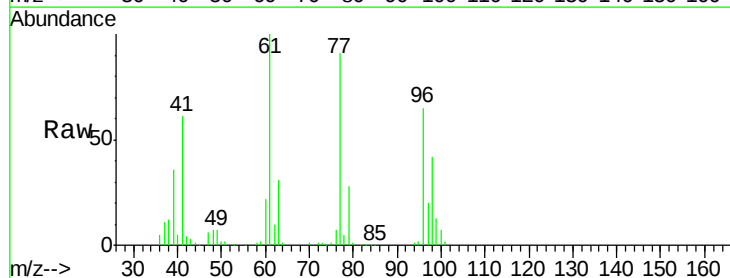
Acq: 28 Apr 2018 06:57

Tgt Ion: 77 Resp: 98502

Ion Ratio Lower Upper

77 100

97 24.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

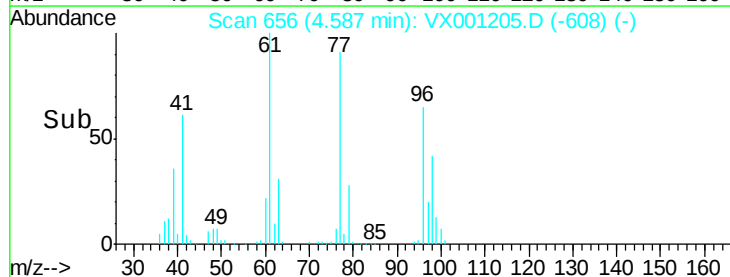
20000

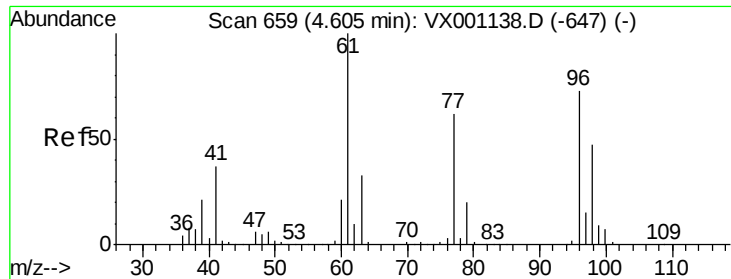
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.42 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tot Ion:	96	Resp:	114234
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	289.0
98	64.9	0.0	128.2

Instrument :

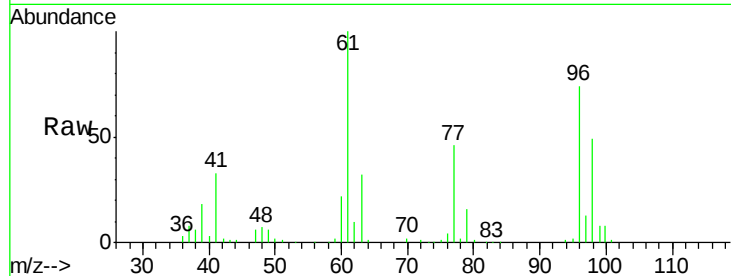
MSVOA_X

ClientSampleId :

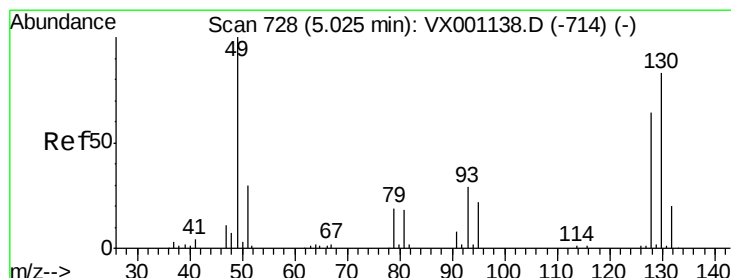
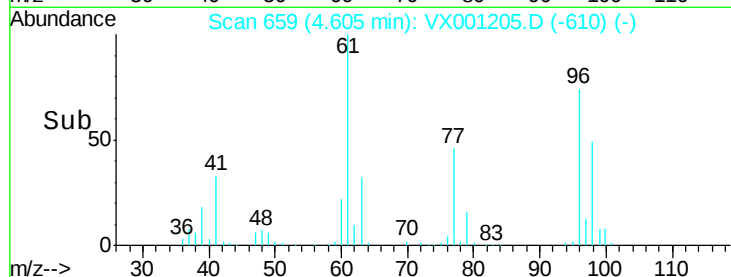
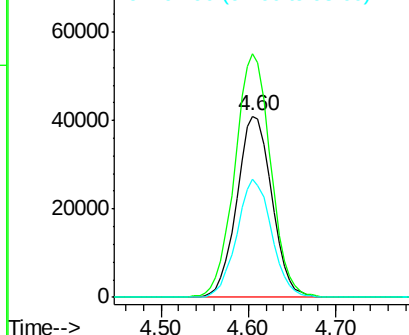
VSTDCCC050EC

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 53.28 ug/l

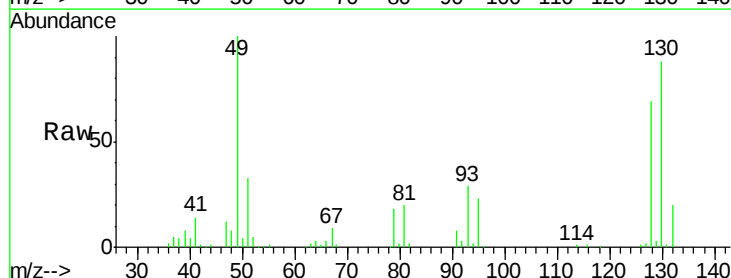
RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

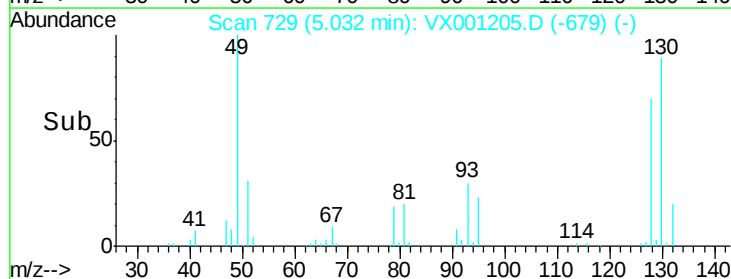
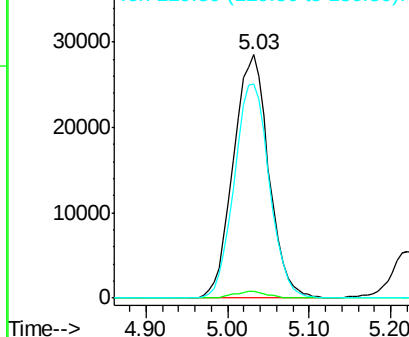
Lab File: VX001205.D

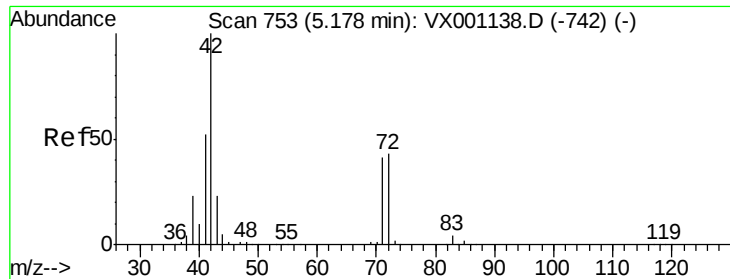
Acq: 28 Apr 2018 06:57

Tgt Ion:	49	Resp:	85788
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	87.4	68.2	102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





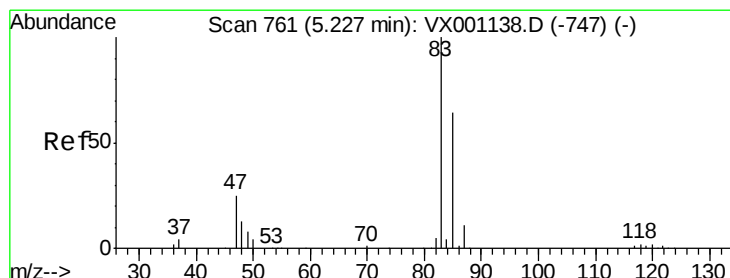
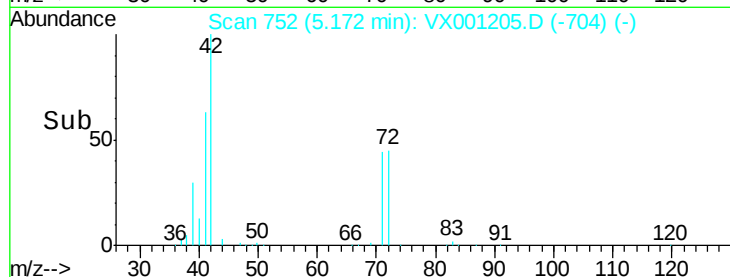
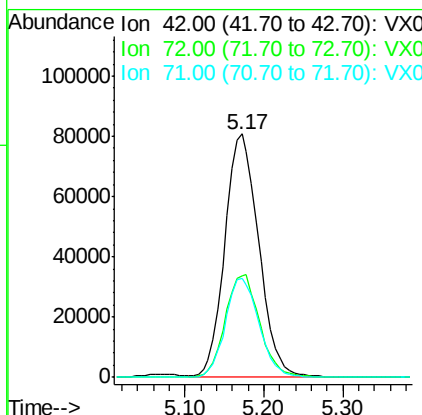
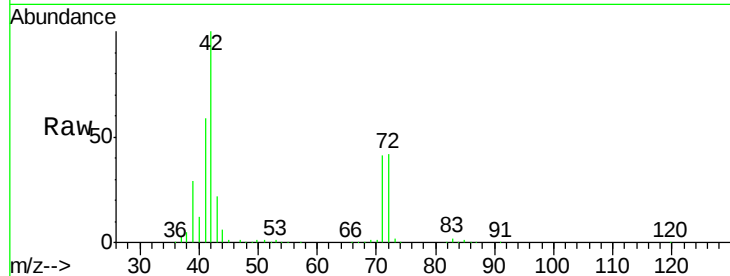
#29
Tetrahydrofuran
Concen: 211.44 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.4	51.6
71	40.8	32.1	48.1

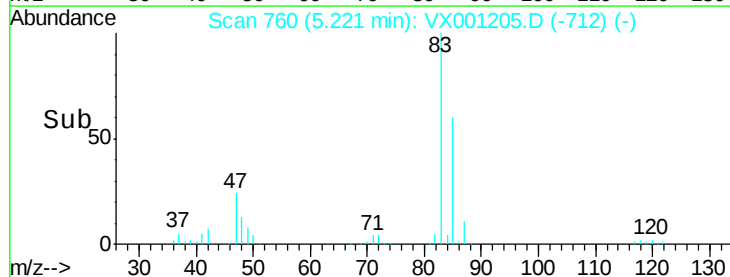
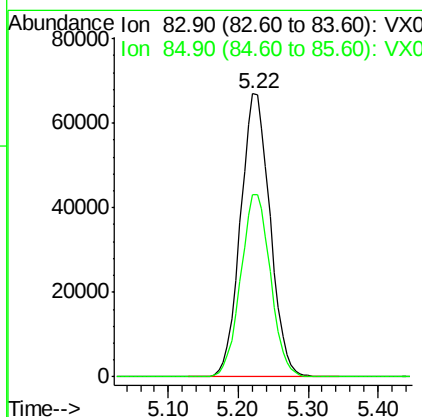
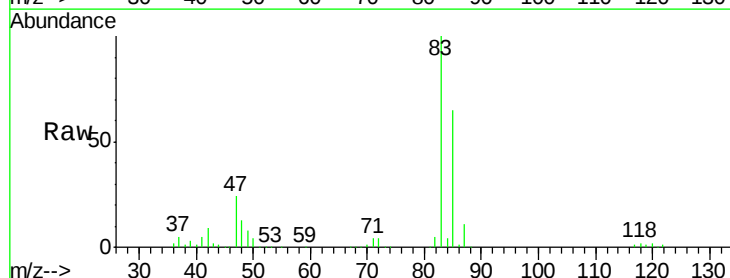
Manual Integrations
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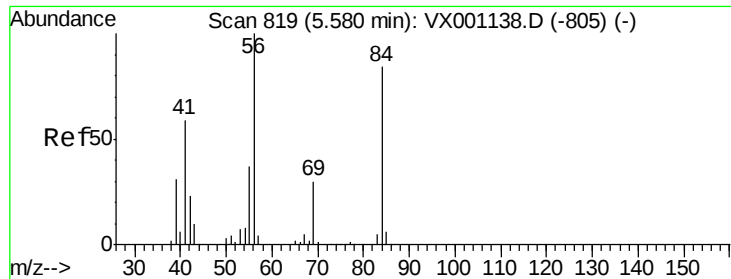
MMDadoda
4/30/2018 6:04:43 PM



#30
Chloroform
Concen: 51.46 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0





#31

Cyclohexane

Concen: 39.88 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

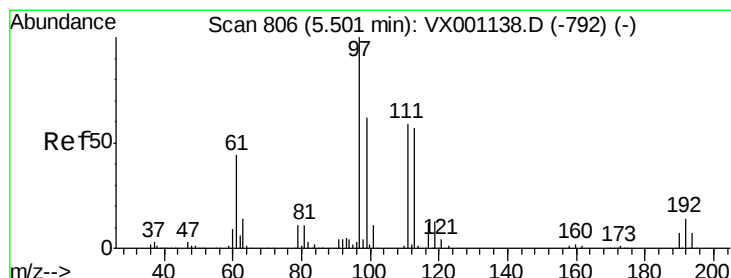
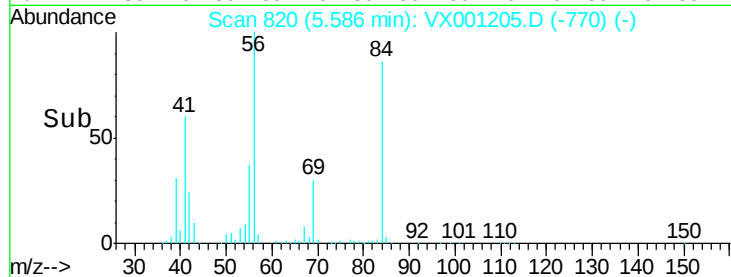
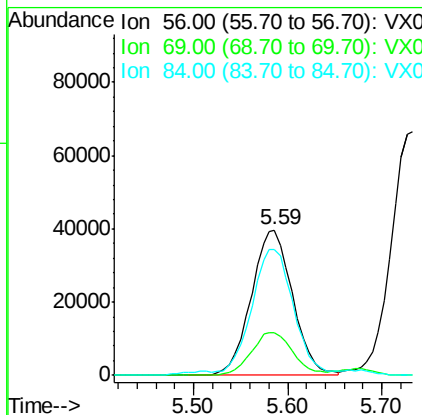
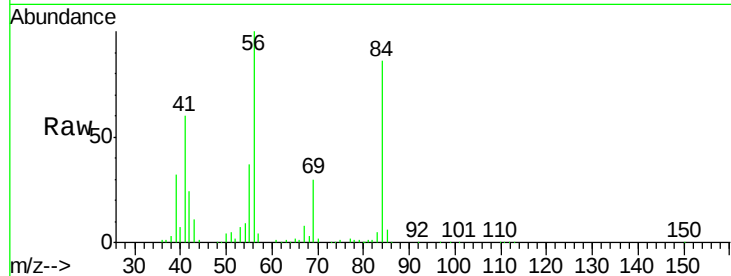
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	121653
Ion Ratio	Lower	Upper	
56	100		
69	29.6	24.2	36.2
84	83.8	67.5	101.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.43 ug/l

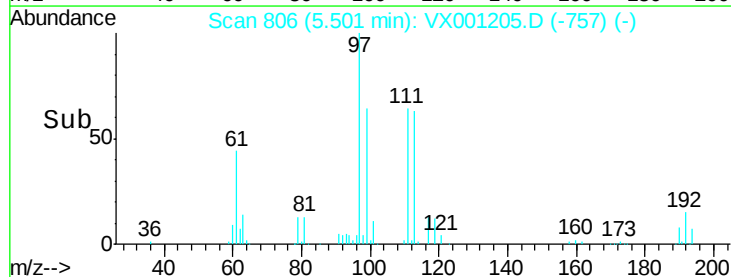
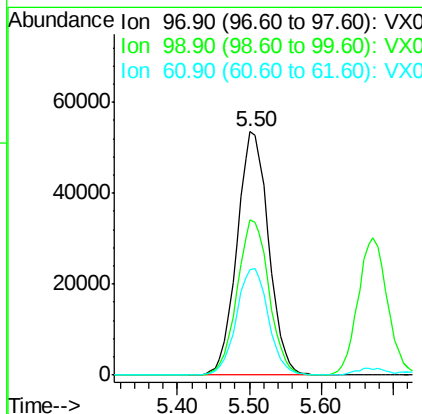
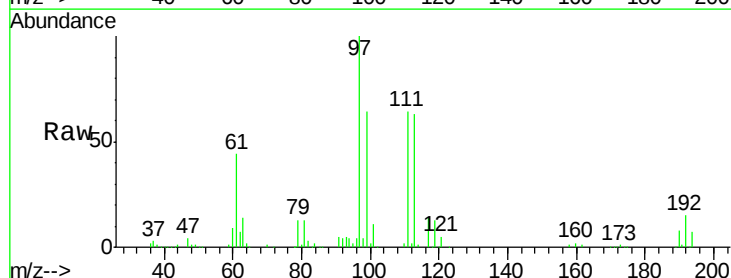
RT: 5.50 min Scan# 806

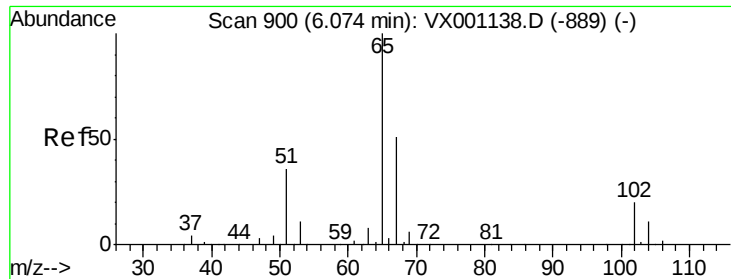
Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion:	97	Resp:	162933
Ion Ratio	Lower	Upper	
97	100		
99	64.3	50.9	76.3
61	44.5	35.0	52.6





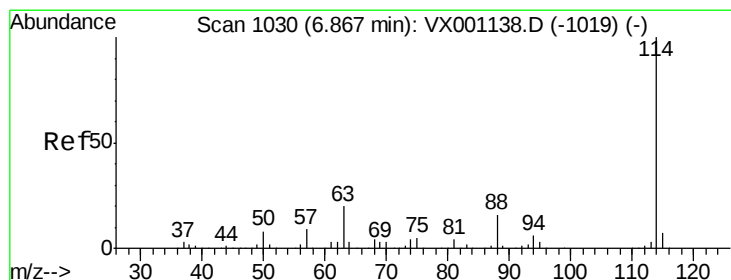
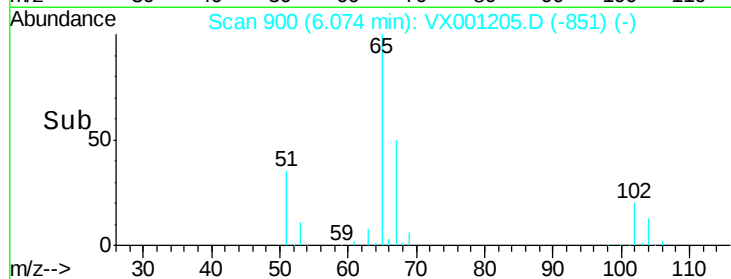
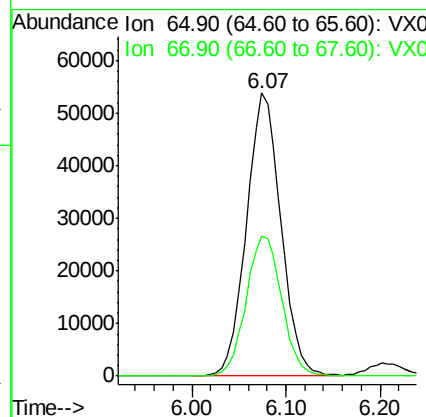
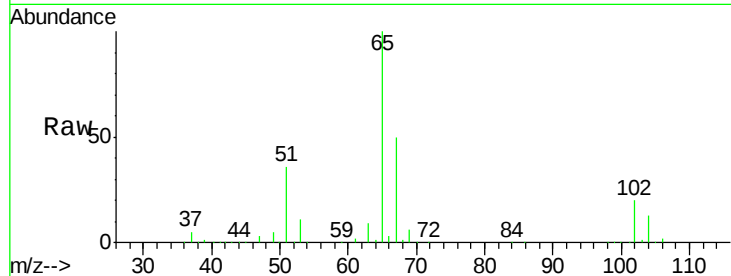
#33
 1,2-Dichloroethane-d4
 Concen: 48.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.2

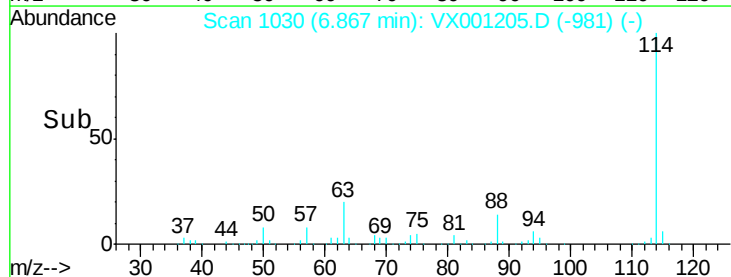
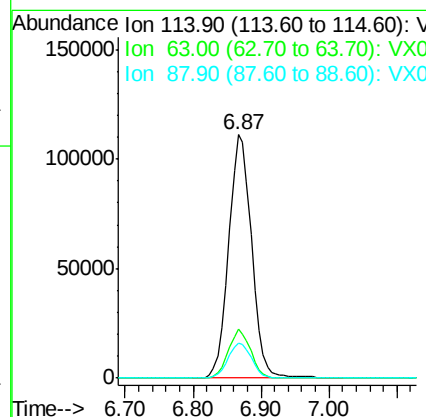
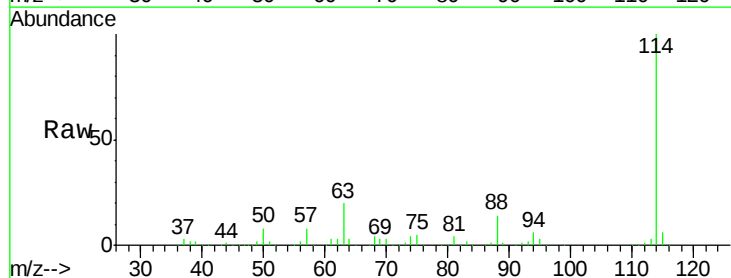
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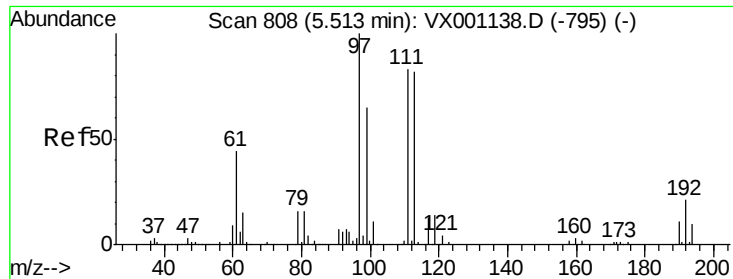
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 4/30/2018 6:04:43 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.4
88	14.4	0.0	31.8





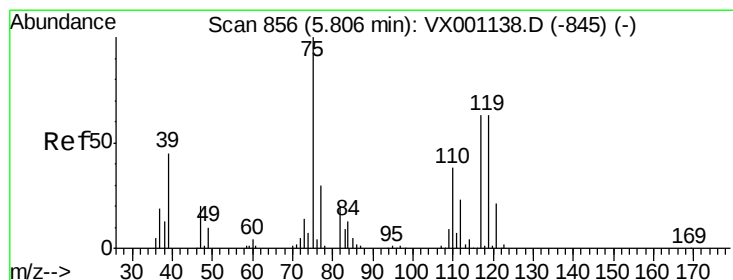
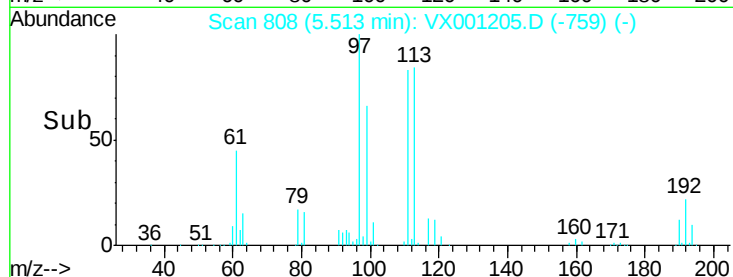
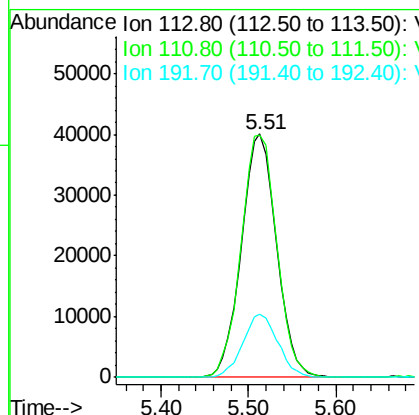
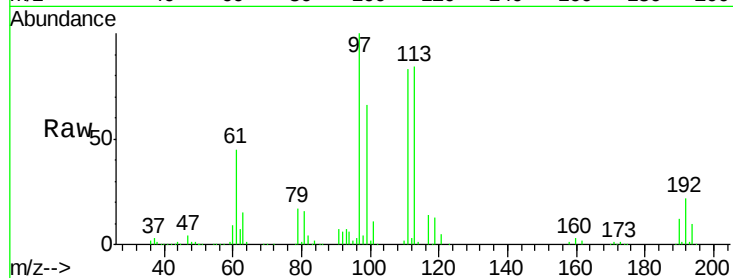
#35
 Dibromofluoromethane
 Concen: 52.07 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111953		
111	101.2	82.2	123.4	
192	25.8	20.6	30.8	

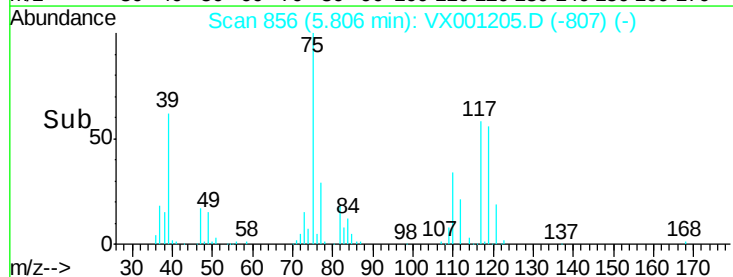
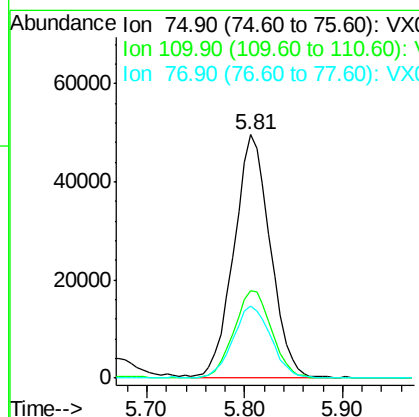
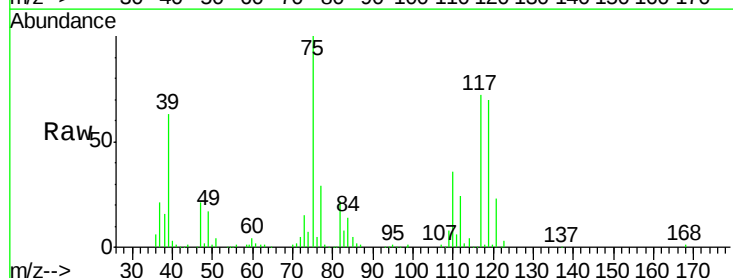
Manual Integrations
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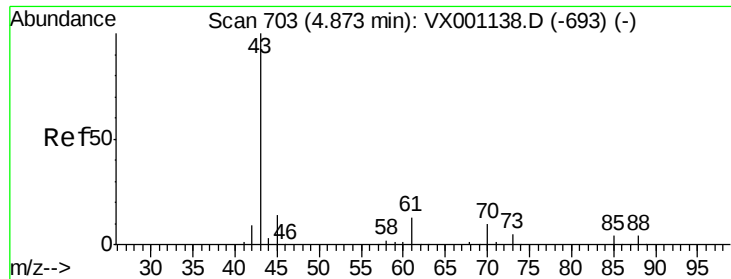
MMDadoda
 4/30/2018 6:04:43 PM



#36
 1,1-Dichloropropene
 Concen: 44.30 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126810		
110	37.9	19.0	57.0	
77	31.4	24.8	37.2	





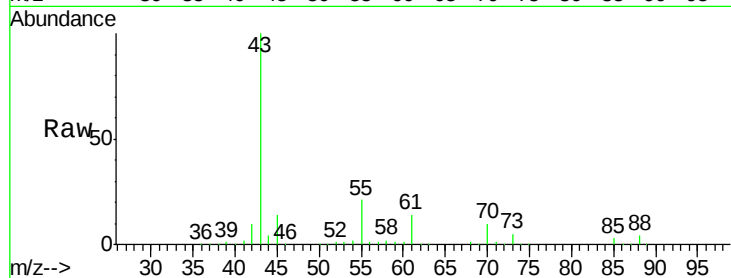
#37
Ethyl Acetate
Concen: 43.60 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

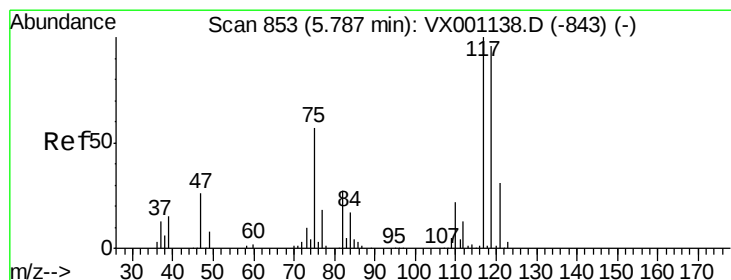
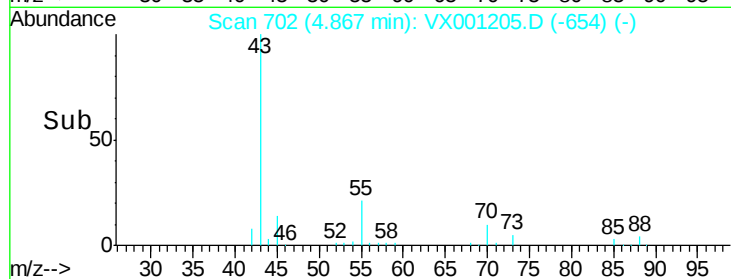
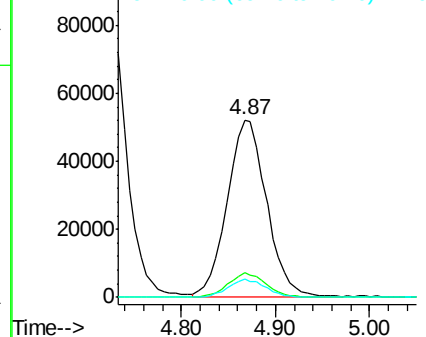
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.9	8.2	12.2

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4/30/2018 6:04:43 PM

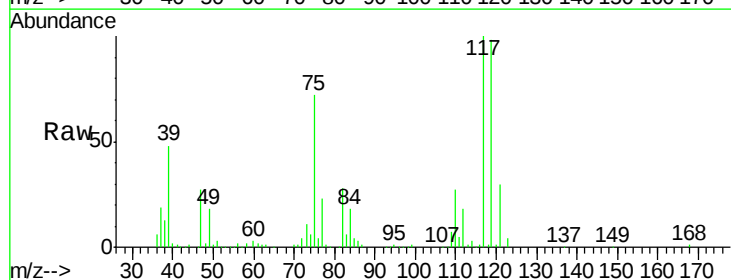


Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-693) (-)

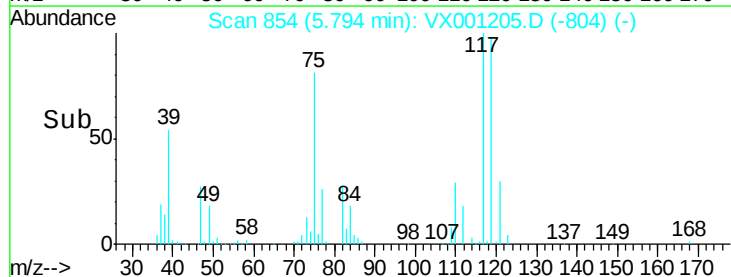
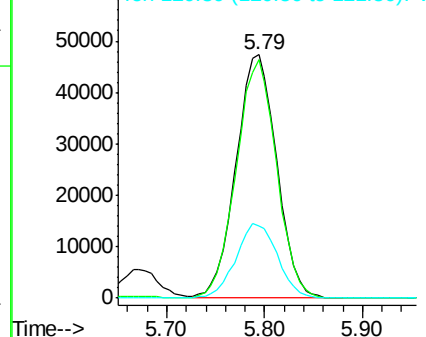


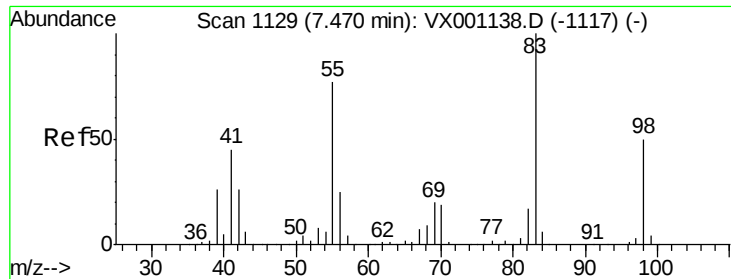
#38
Carbon Tetrachloride
Concen: 46.50 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.5	114.7
121	29.9	24.6	37.0



Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-843) (-)





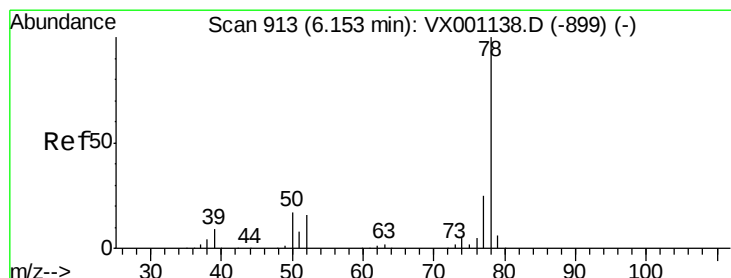
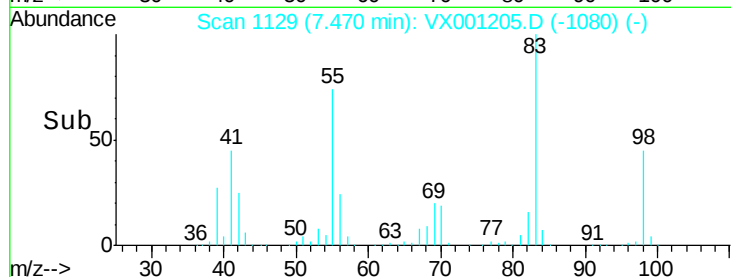
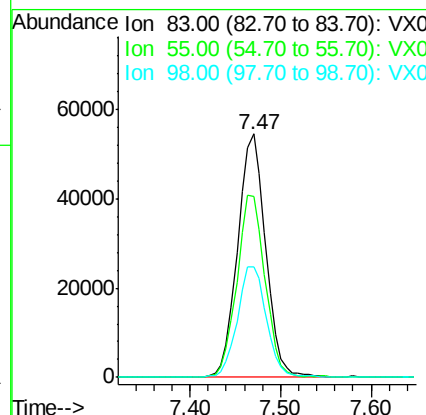
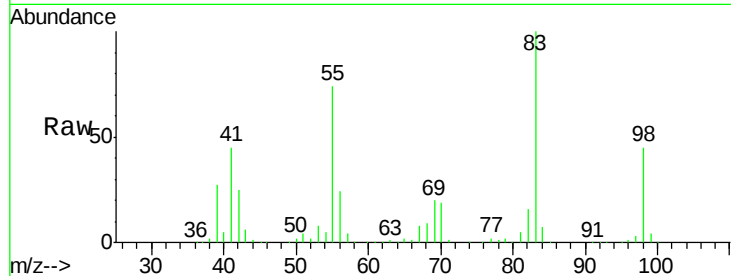
#39
Methvlcvclohexane
Concen: 36.97 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.8	92.6
98	45.3	40.0	60.0

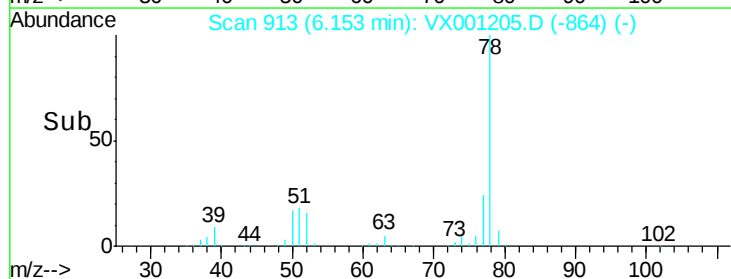
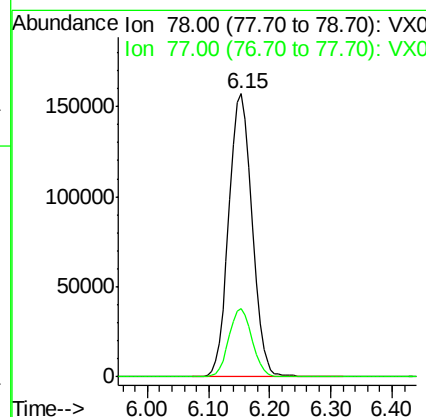
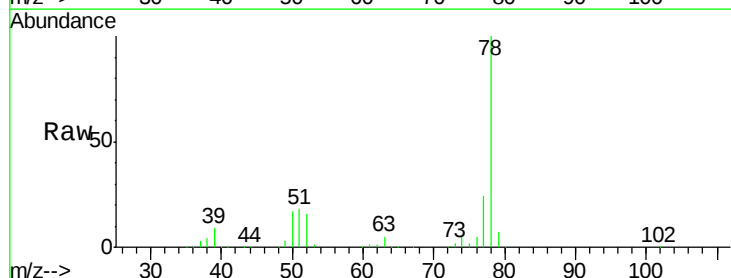
Manual Integrations
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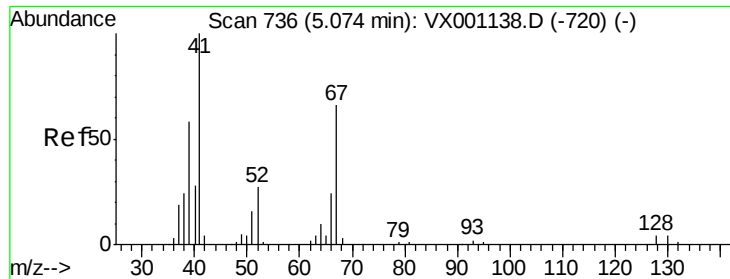
MMDadoda
4/30/2018 6:04:43 PM



#40
Benzene
Concen: 50.05 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.7	29.5





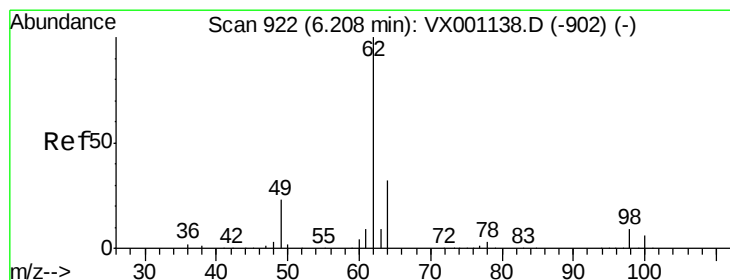
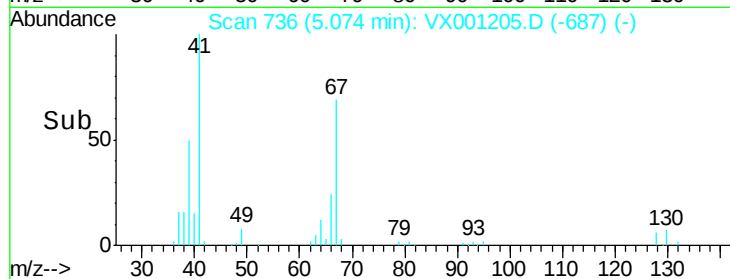
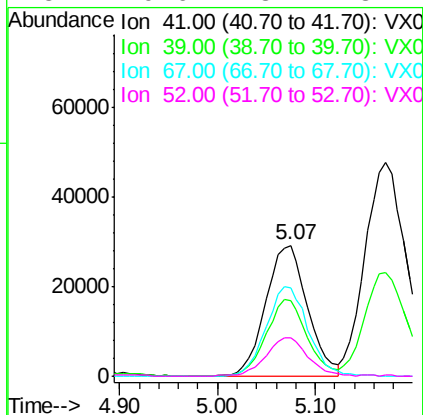
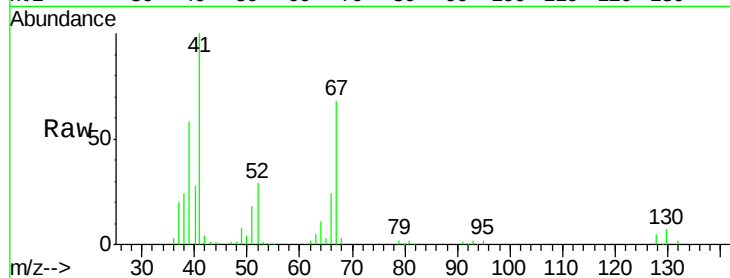
#41
Methacrylonitrile
Concen: 45.09 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	45.9	68.9	
67	68.7	53.2	79.8	
52	29.6	23.1	34.7	

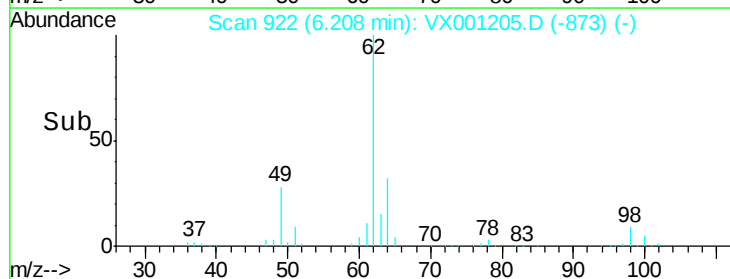
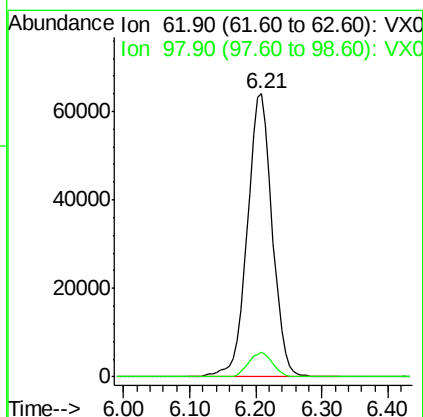
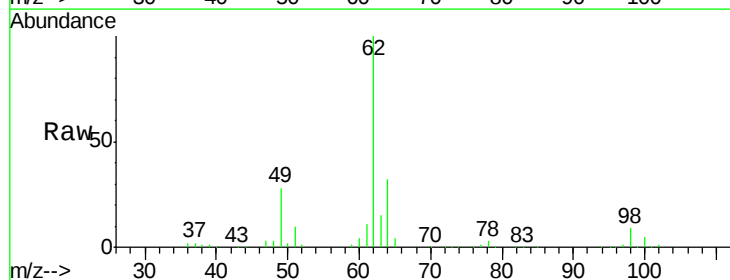
Manual Integrations
APPROVED

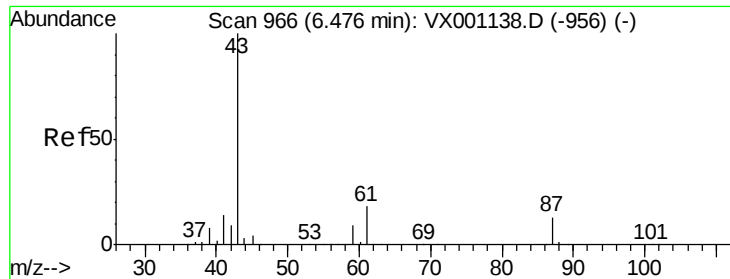
MMDadoda
4/30/2018 6:04:43 PM



#42
1,2-Dichloroethane
Concen: 50.43 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.0	





#43

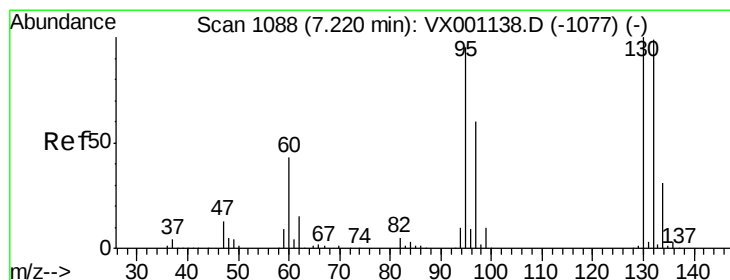
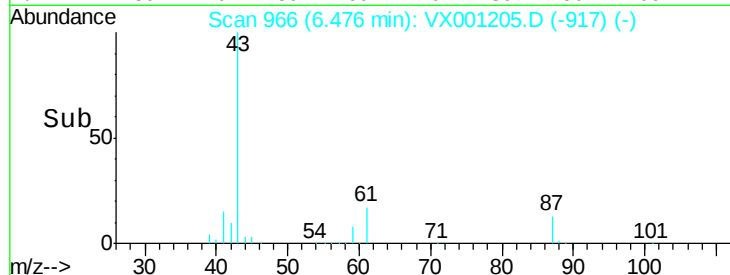
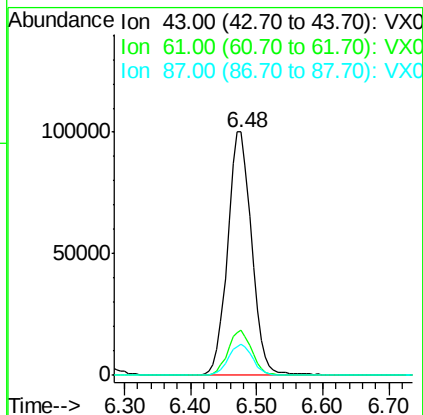
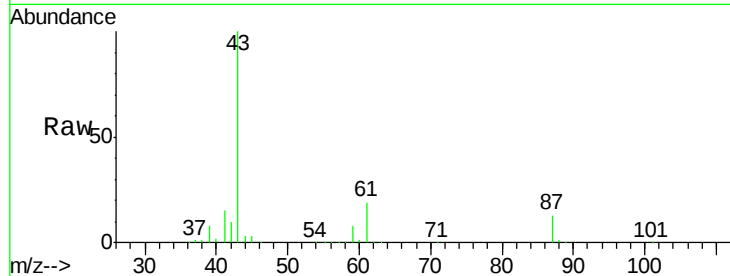
Isopropyl Acetate
 Concen: 46.84 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.0	22.6
87	12.8	10.3	15.5

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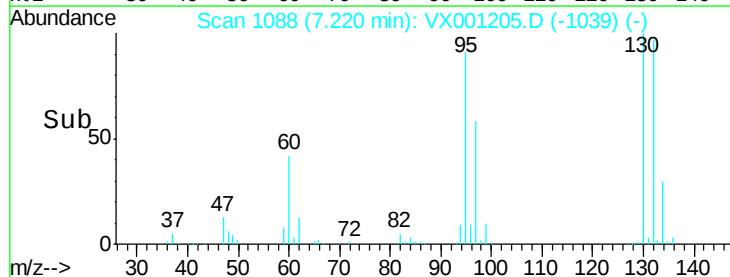
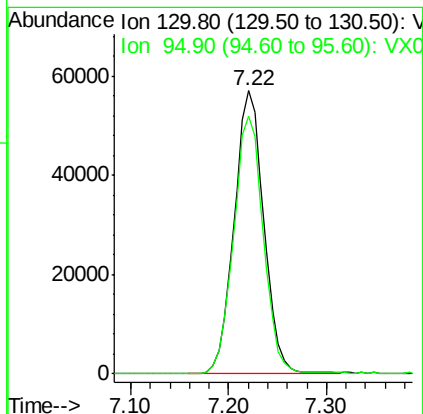
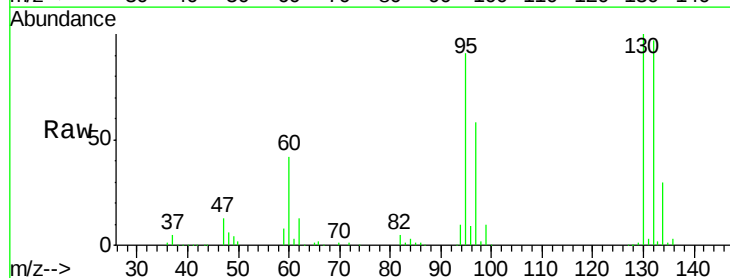
MMDadoda
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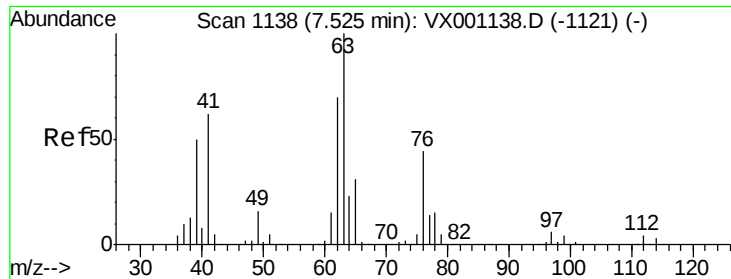


#44

Trichloroethene
 Concen: 48.73 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	189.6





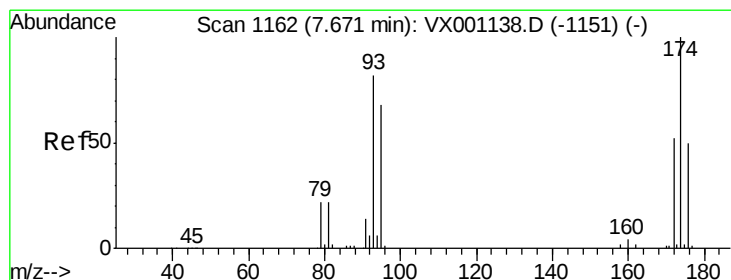
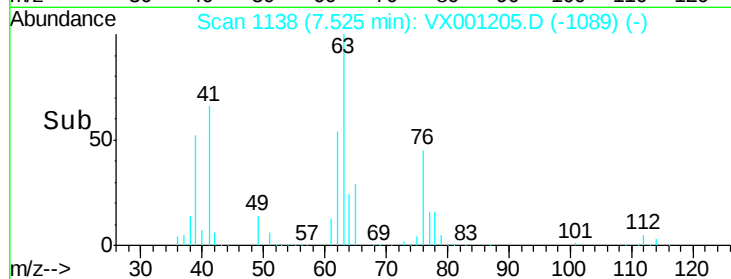
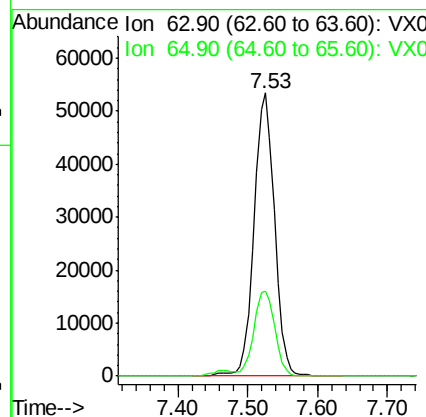
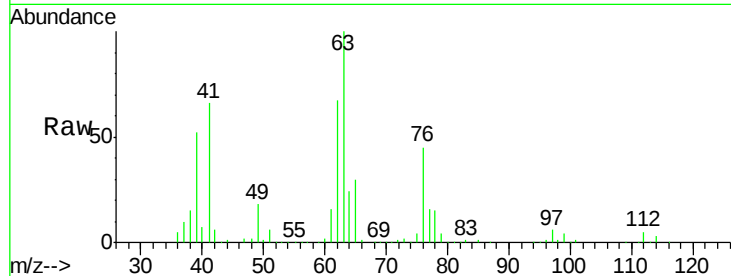
#45
 1,2-Dichloropropane
 Concen: 49.98 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.9	37.3

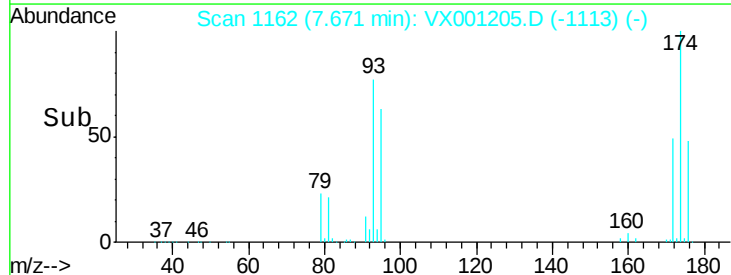
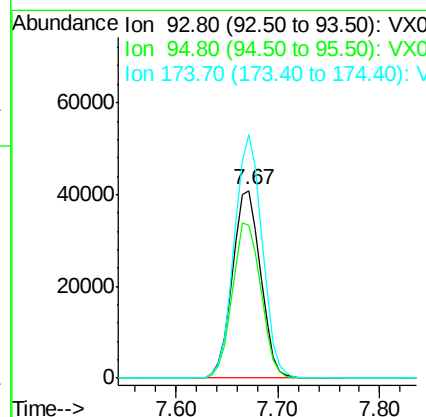
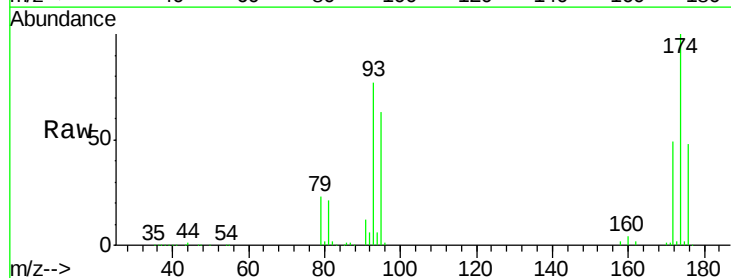
Manual Integrations
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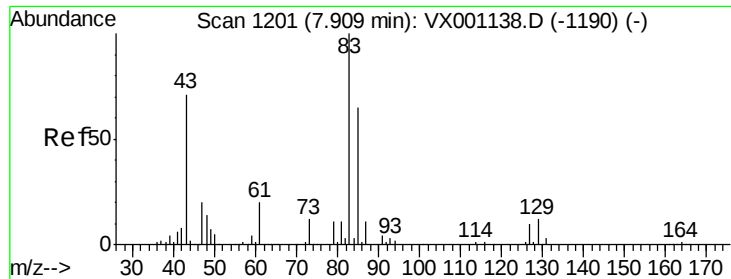
MMDadoda
 4/30/2018 6:04:43 PM



#46
 Dibromomethane
 Concen: 51.95 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.4	99.6
174	127.5	99.6	149.4





#47

Bromodichloromethane

Concen: 52.90 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001205.D

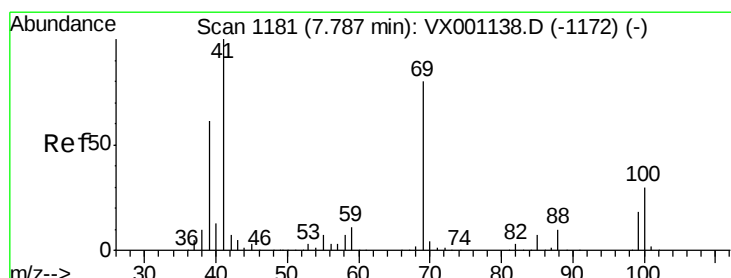
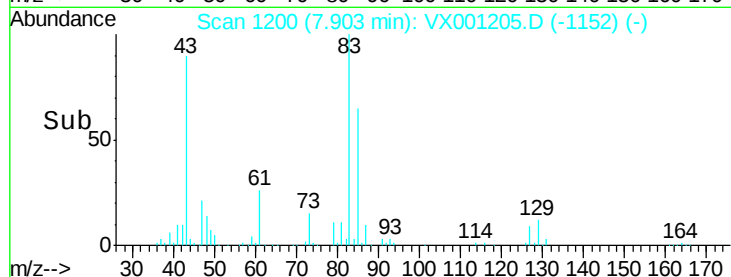
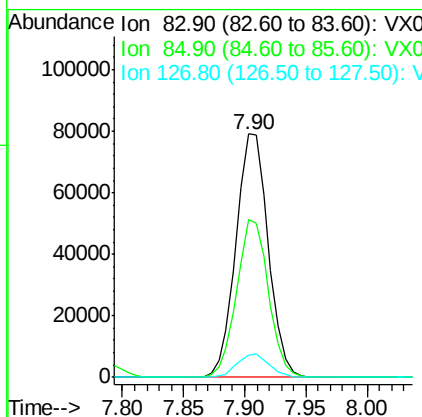
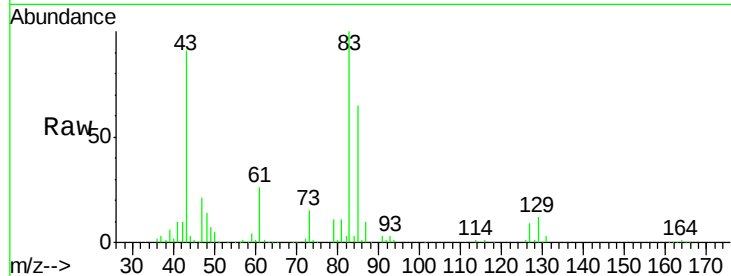
Acq: 28 Apr 2018 06:57

Tot Ion:	83	Resp:	144947
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.9	77.9
127	9.2	7.7	11.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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MMDadoda
4/30/2018 6:04:43 PM



#48

Methyl methacrylate

Concen: 46.87 ug/l

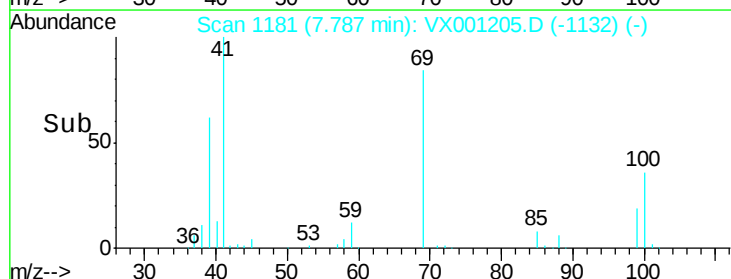
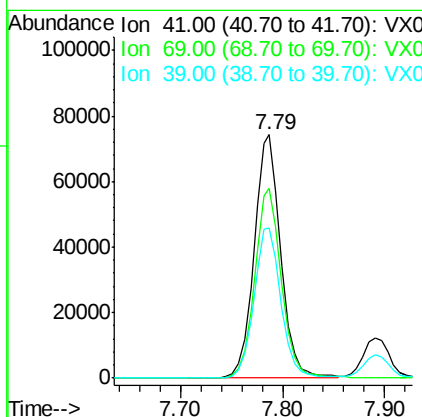
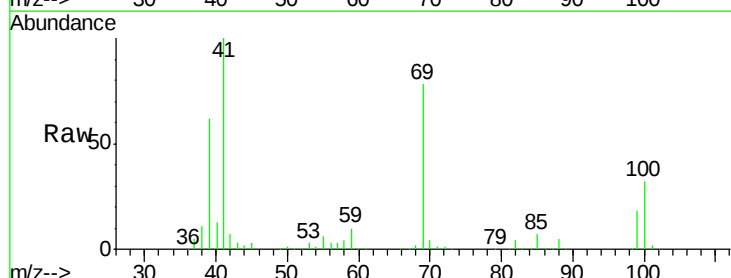
RT: 7.79 min Scan# 1181

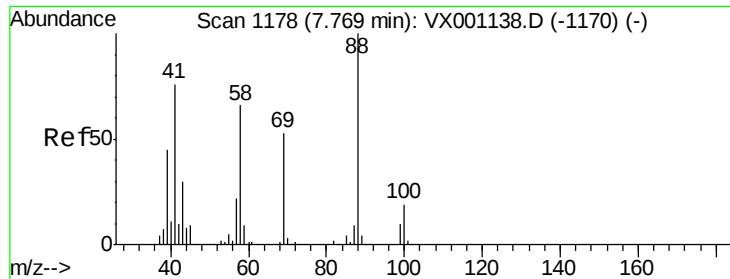
Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion:	41	Resp:	134132
Ion Ratio	Lower	Upper	
41	100		
69	79.5	62.4	93.6
39	62.9	48.7	73.1





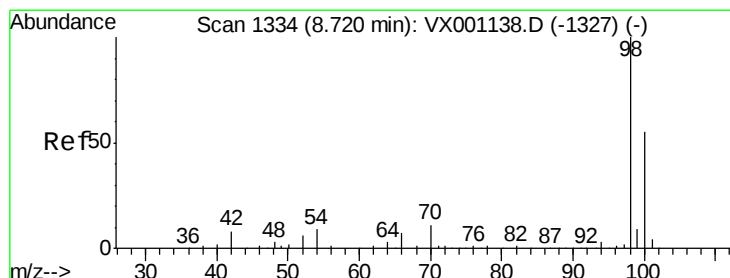
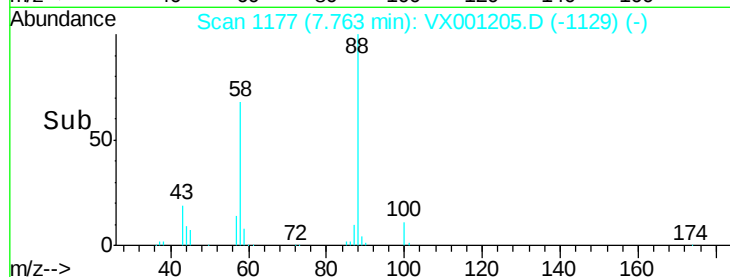
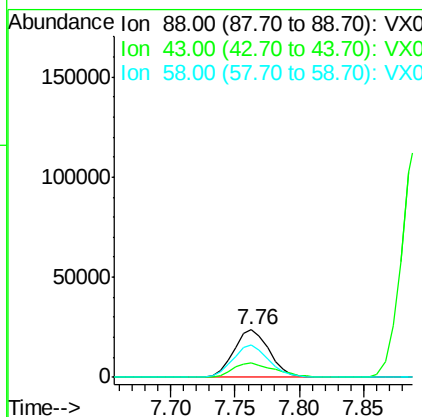
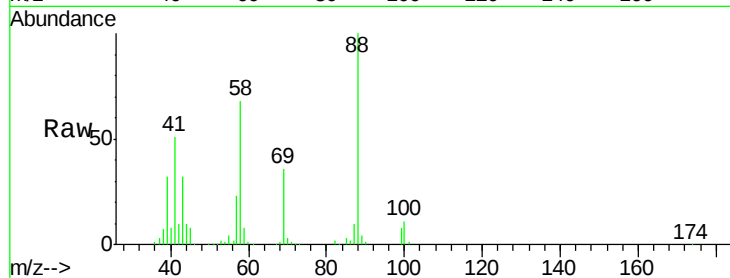
#49
1,4-Dioxane
Concen: 795.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.3	40.9
58	69.1	54.2	81.4

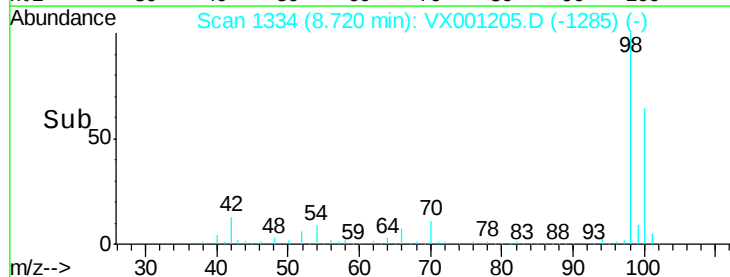
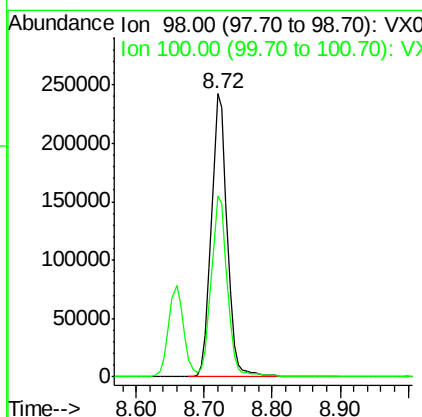
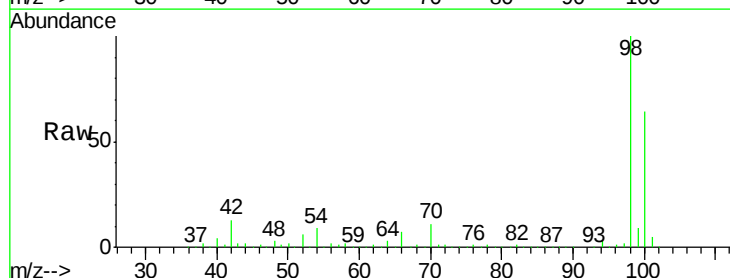
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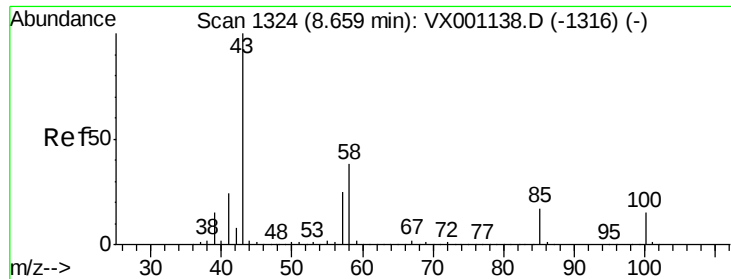
MMDadoda
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#50
Toluene-d8
Concen: 48.49 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 233.44 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 82532

Ion Ratio Lower Upper

43 100

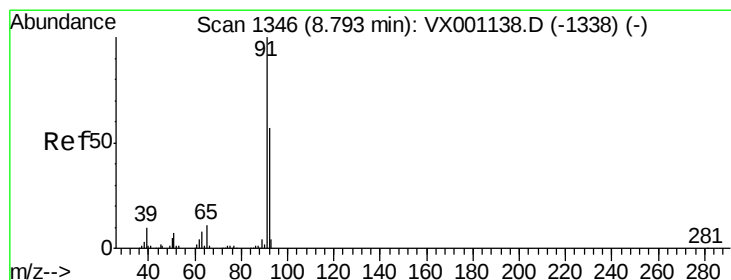
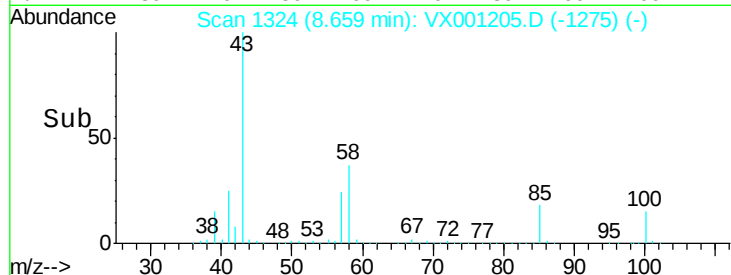
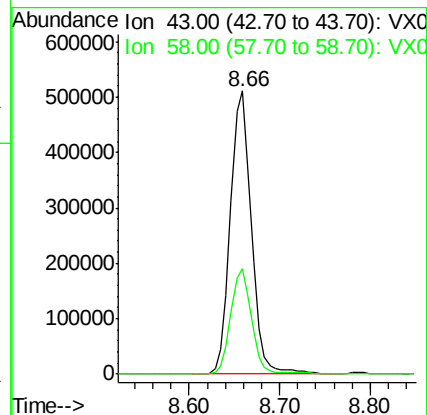
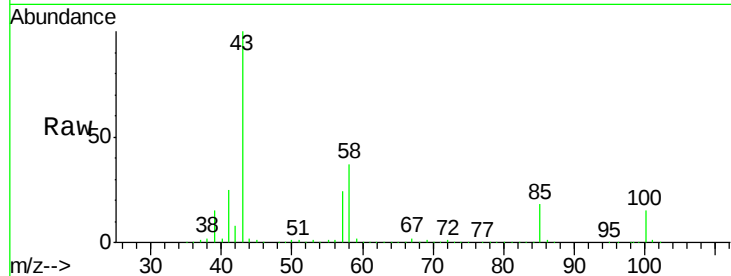
58 37.5 30.2 45.2

Manual Integrations

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#52

Toluene

Concen: 49.08 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001205.D

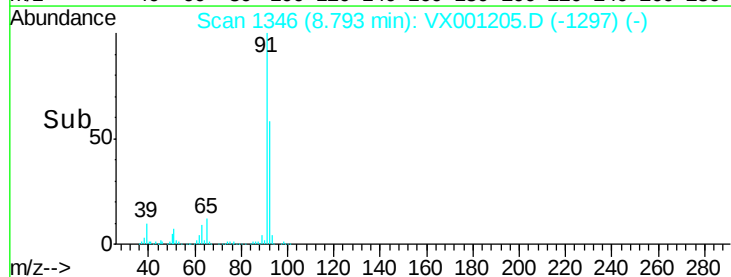
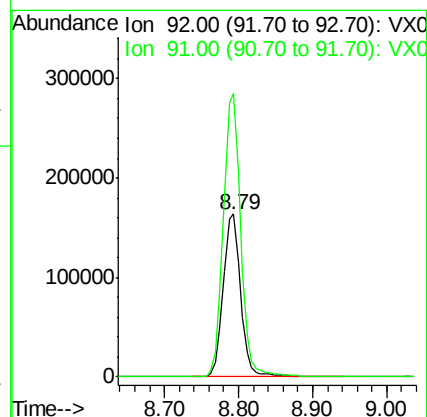
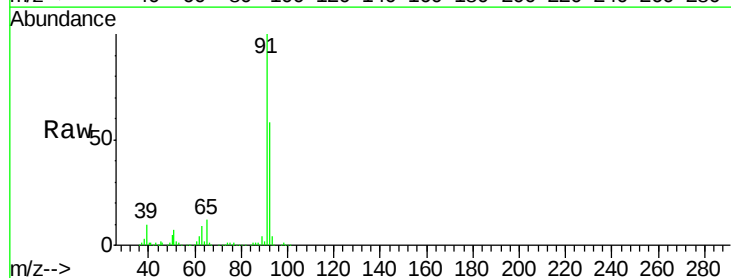
Acq: 28 Apr 2018 06:57

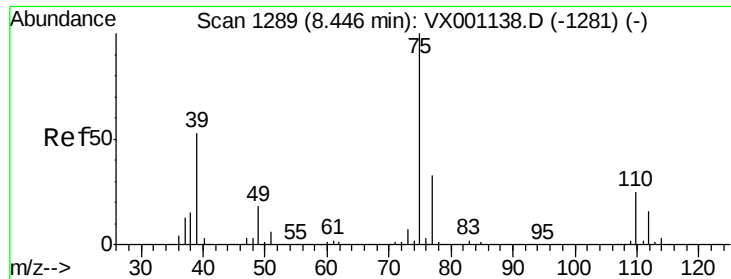
Tgt Ion: 92 Resp: 265767

Ion Ratio Lower Upper

92 100

91 174.2 139.8 209.6





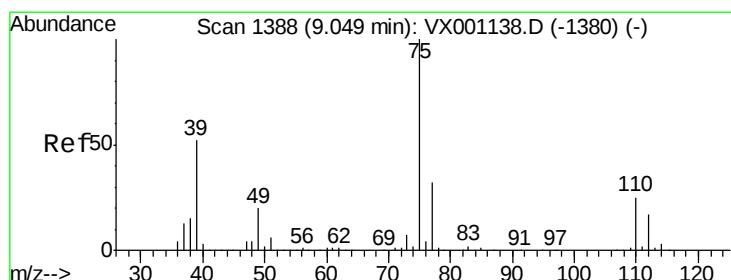
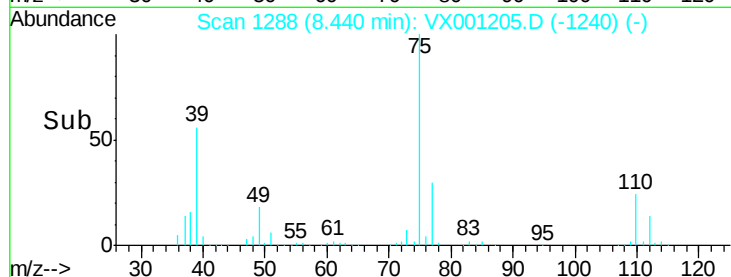
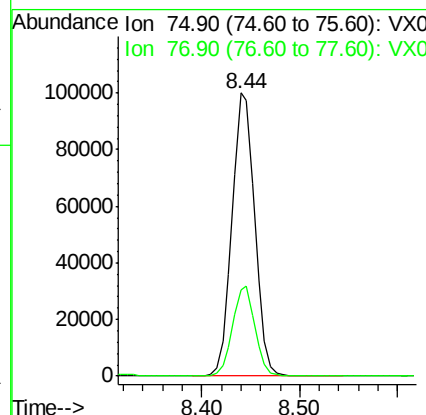
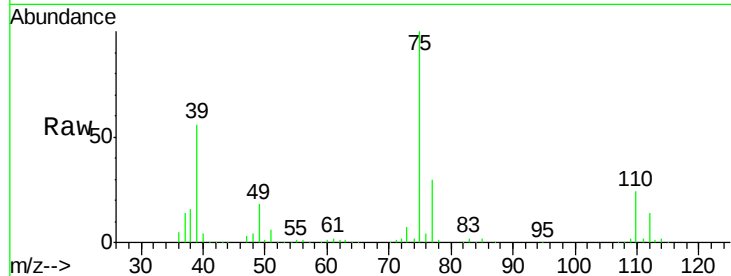
#53
t-1,3-Dichloropropene
Concen: 50.66 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 161371
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.4

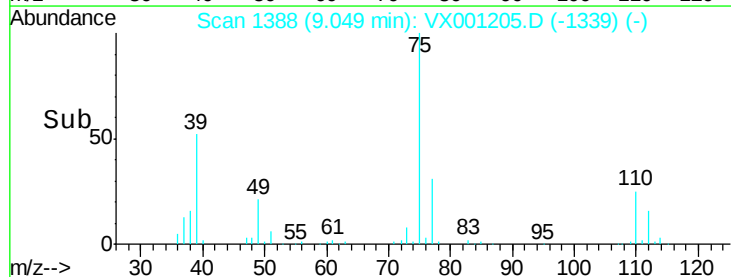
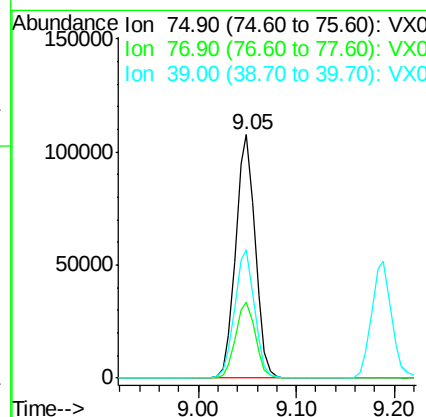
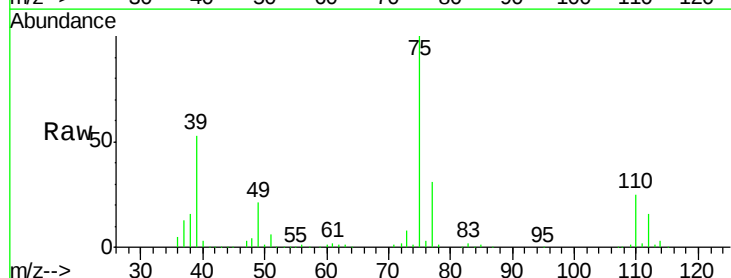
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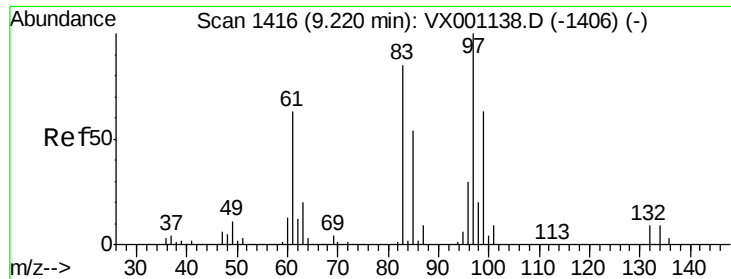
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#54
cis-1,3-Dichloropropene
Concen: 43.72 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 75 Resp: 149699
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 52.5 42.0 63.0





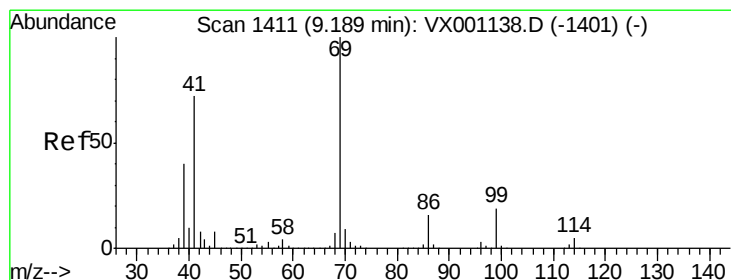
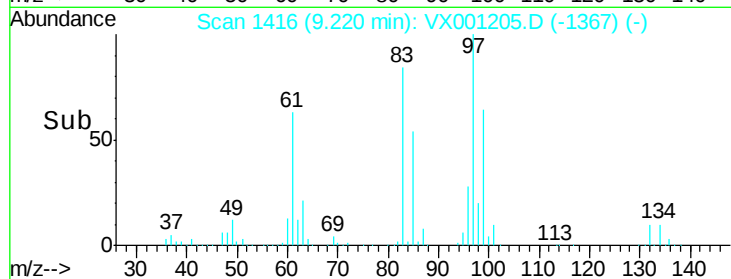
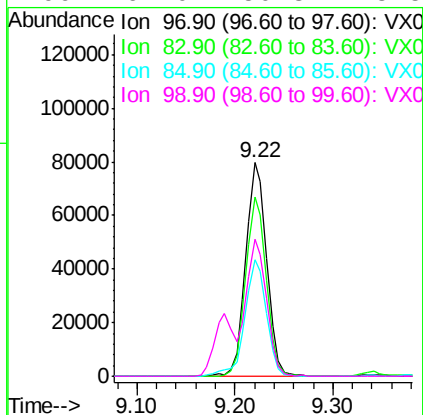
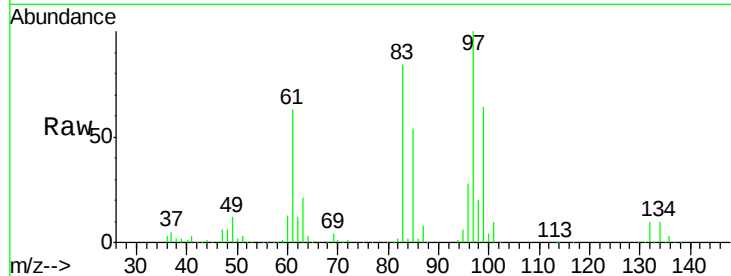
#55
 1,1,2-Trichloroethane
 Concen: 51.62 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118257		
83	83.7	68.0	102.0		
85	54.4	42.9	64.3		
99	64.0	50.3	75.5		

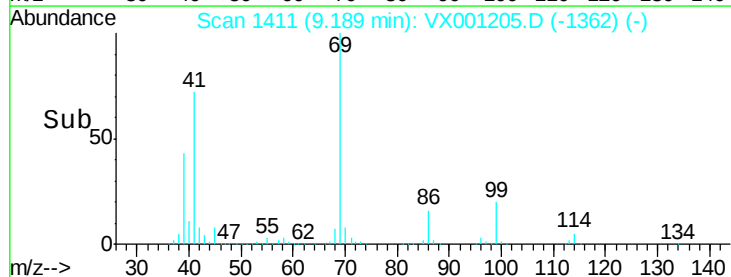
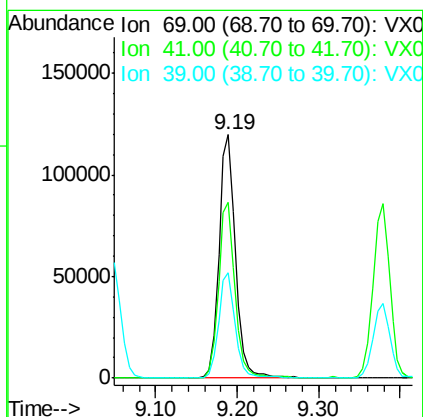
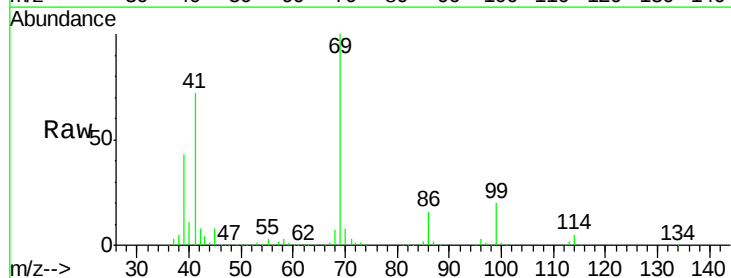
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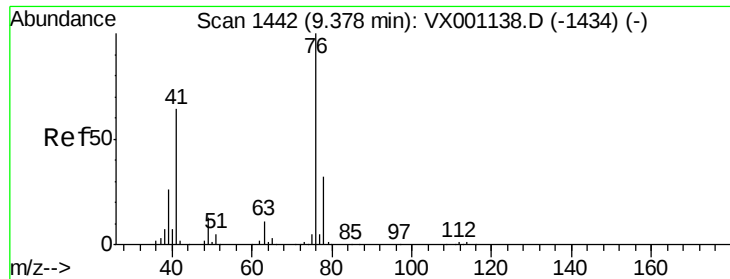
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#56
 Ethyl methacrylate
 Concen: 49.97 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		169629		
41	71.9	57.7	86.5		
39	43.7	33.3	49.9		





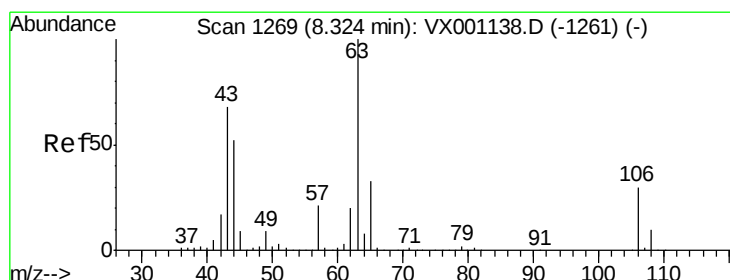
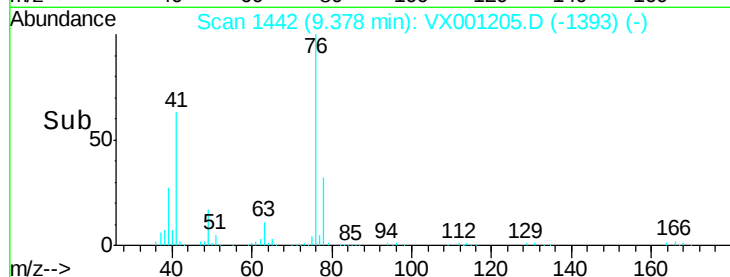
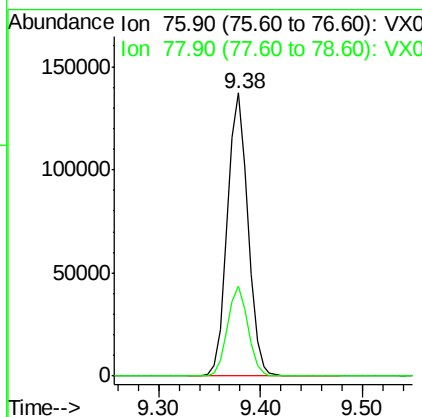
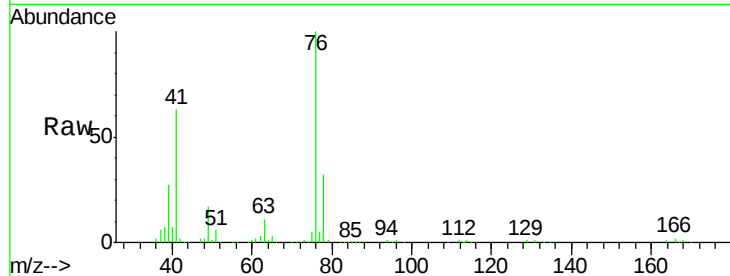
#57
 1,3-Dichloropropane
 Concen: 51.32 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.1	39.1

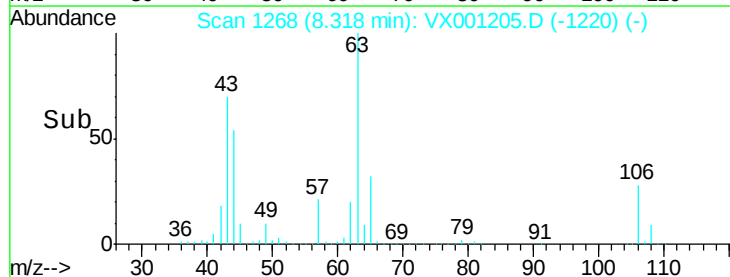
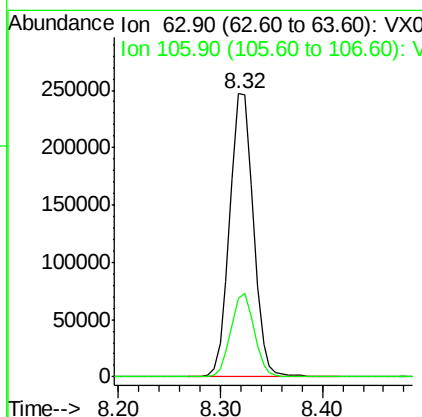
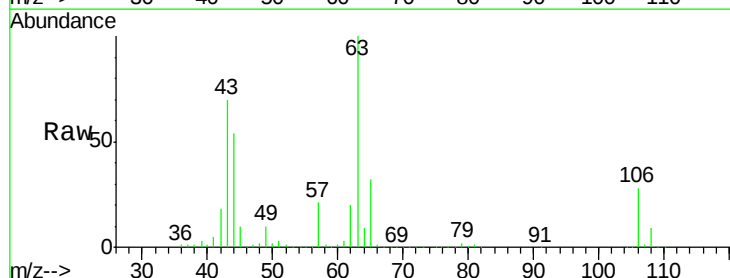
Manual Integrations
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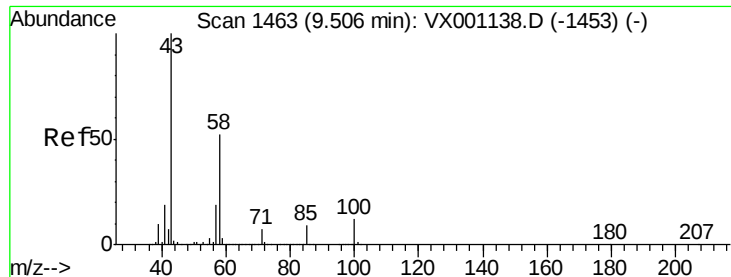
MMDadoda
 4/30/2018 6:04:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.7	35.5





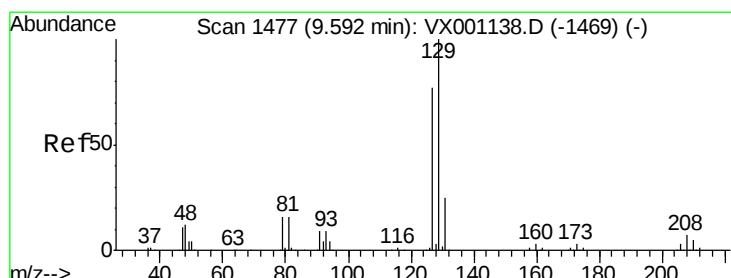
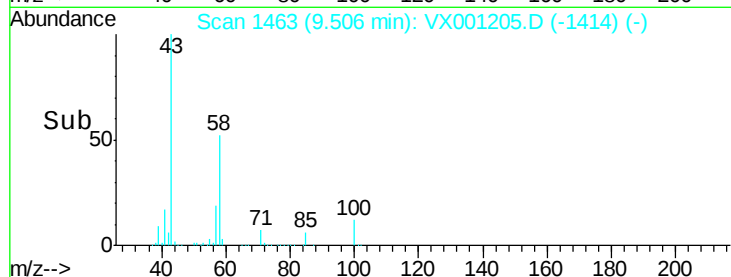
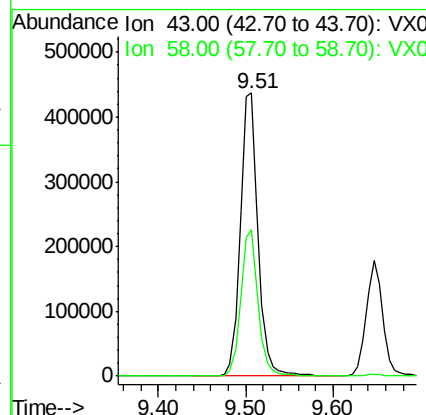
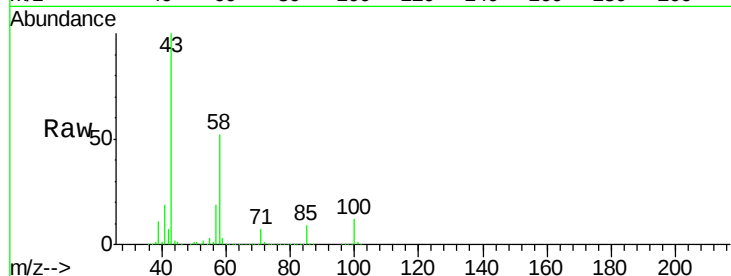
#59
2-Hexanone
Concen: 223.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 620505
Ion Ratio Lower Upper
43 100
58 50.9 25.8 77.4

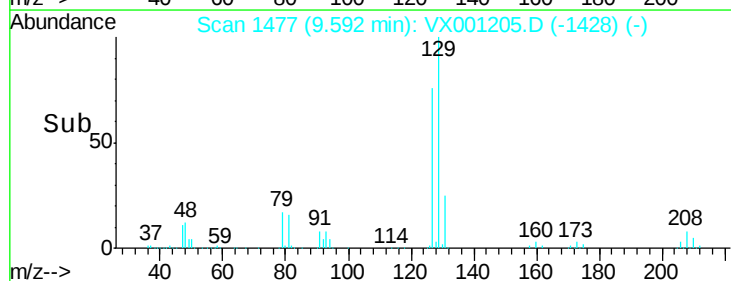
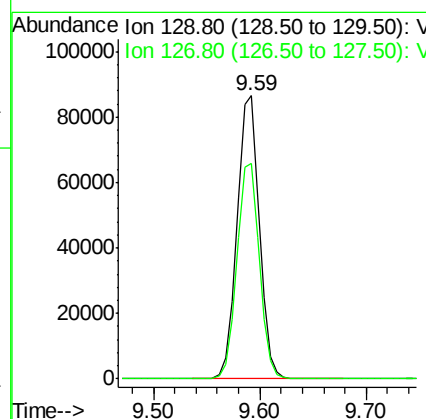
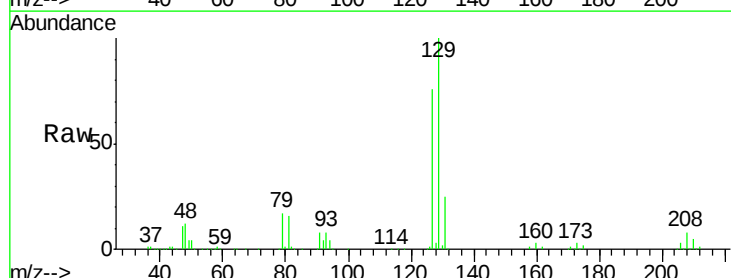
Manual Integrations
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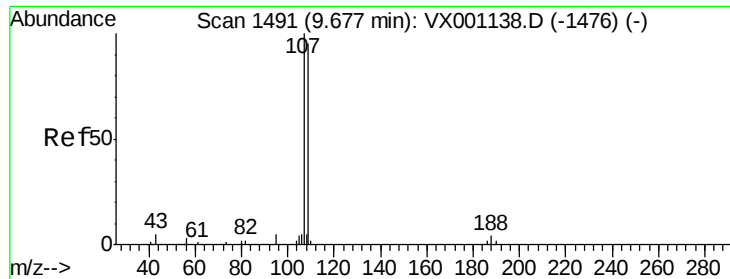
MMDadoda
4/30/2018 6:04:43 PM



#60
Dibromochloromethane
Concen: 47.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 129 Resp: 127082
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





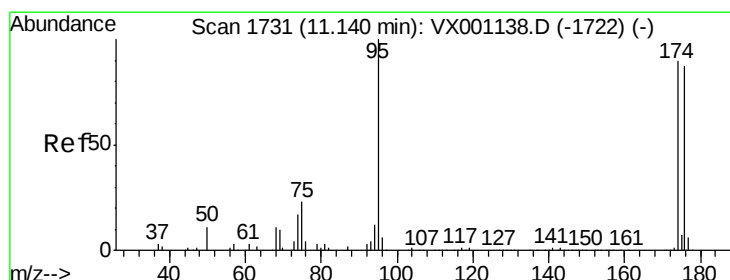
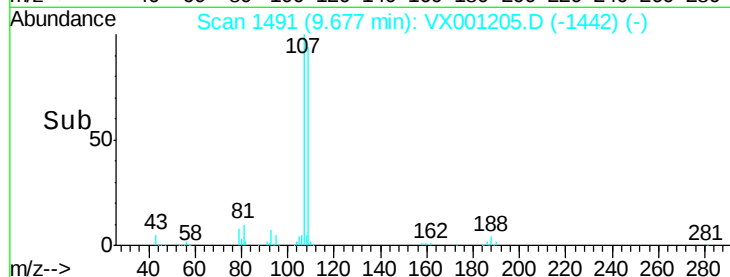
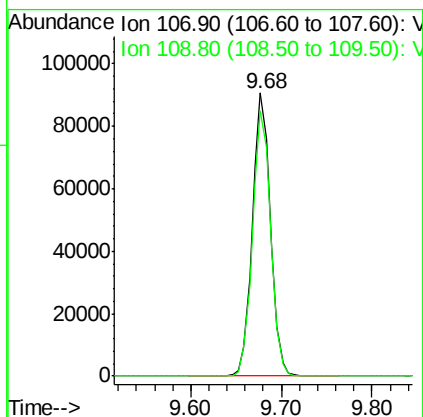
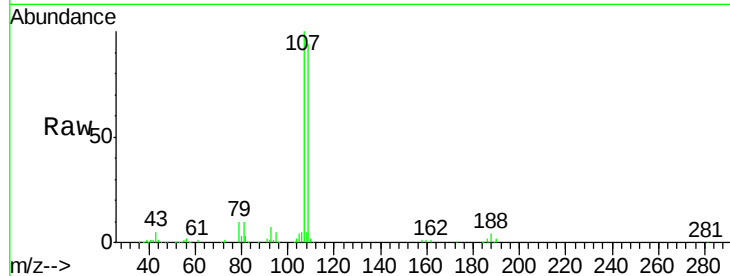
#61
 1,2-Dibromoethane
 Concen: 51.93 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 124640
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.2 112.8

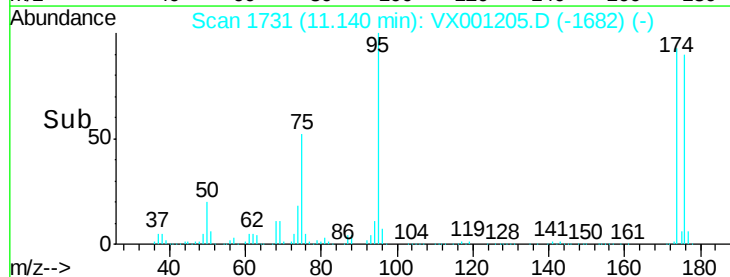
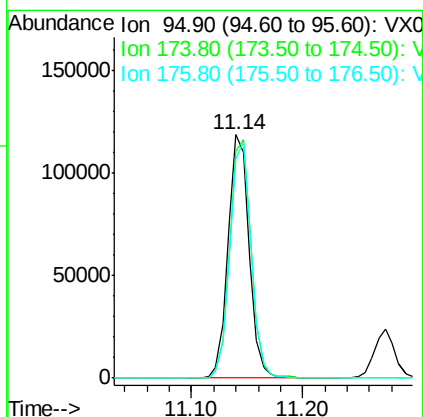
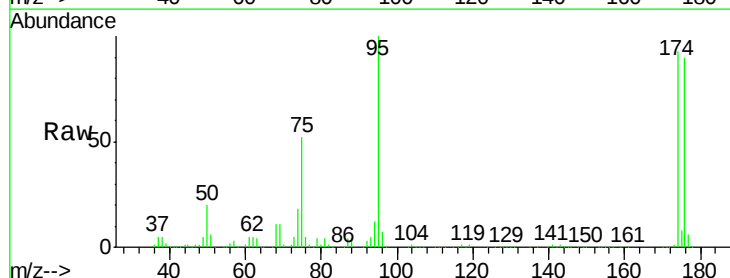
Manual Integrations
 APPROVED

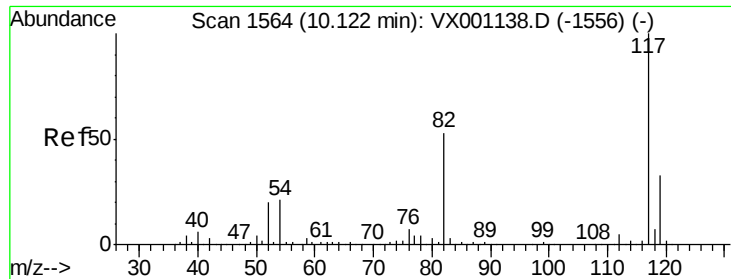
MMDadoda
 4/30/2018 6:04:43 PM



#62
 4-Bromofluorobenzene
 Concen: 48.93 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion: 95 Resp: 155089
 Ion Ratio Lower Upper
 95 100
 174 99.8 0.0 194.4
 176 98.1 0.0 190.2





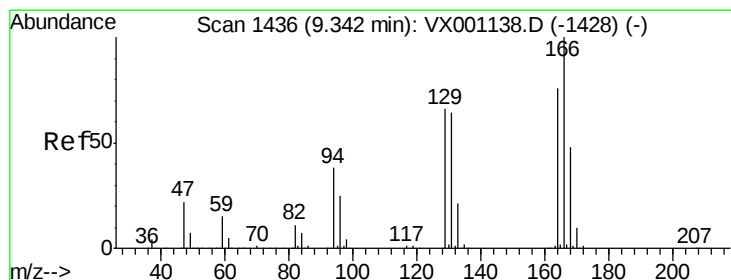
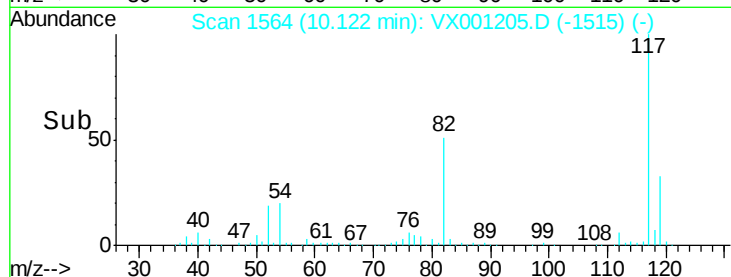
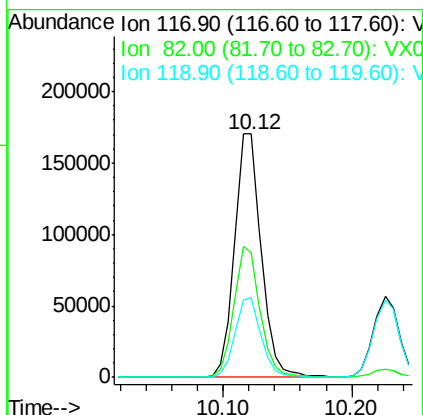
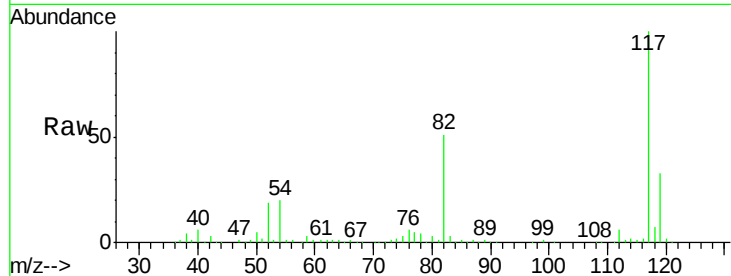
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.1	63.1
119	32.6	26.1	39.1

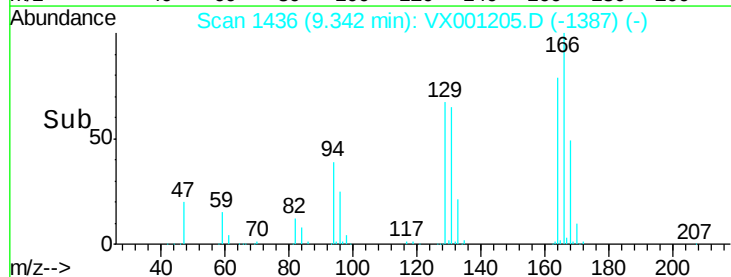
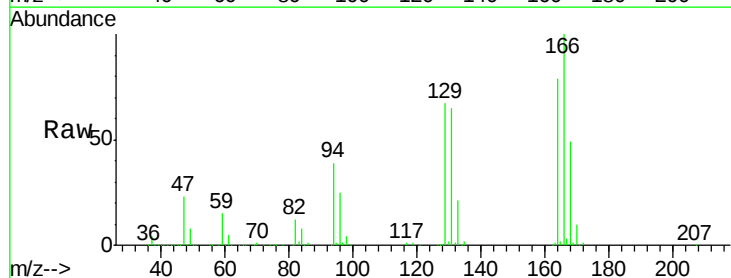
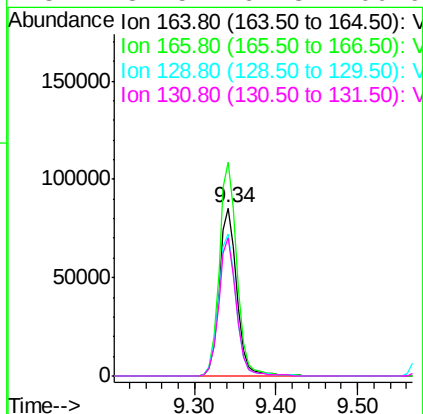
Manual Integrations
APPROVED

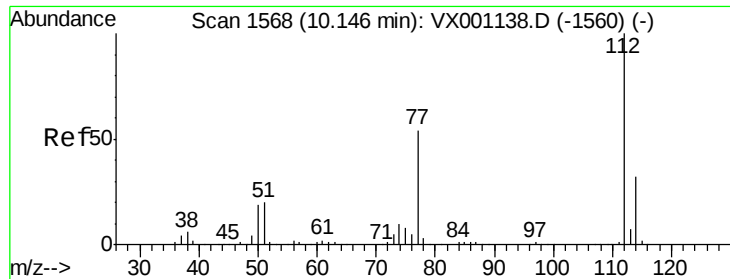
MMDadoda
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#64
Tetrachloroethene
Concen: 48.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	105.0	157.6
129	84.8	69.4	104.2
131	82.5	67.3	100.9





#65

Chlorobenzene

Concen: 49.54 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 320430

Ion Ratio Lower Upper

112 100

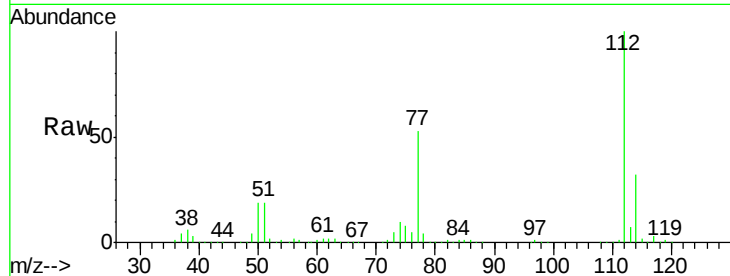
114 32.2 25.7 38.5

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

250000

200000

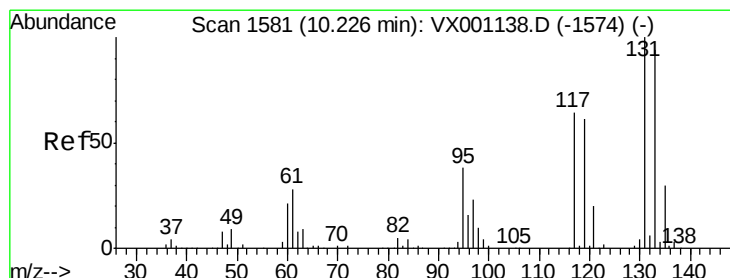
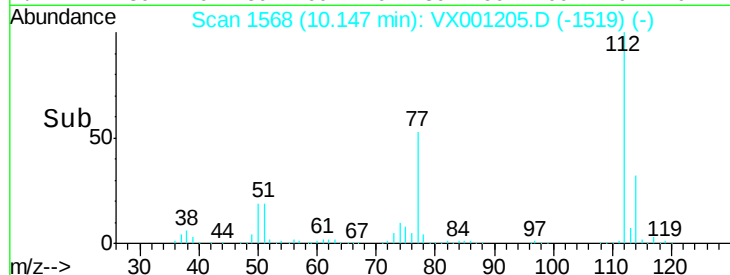
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

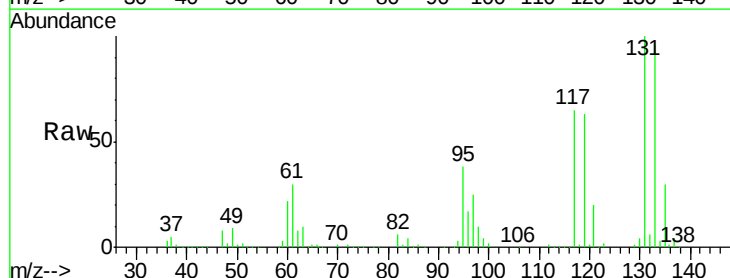
Tgt Ion:131 Resp: 118574

Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.4

119 63.2 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

120000

100000

80000

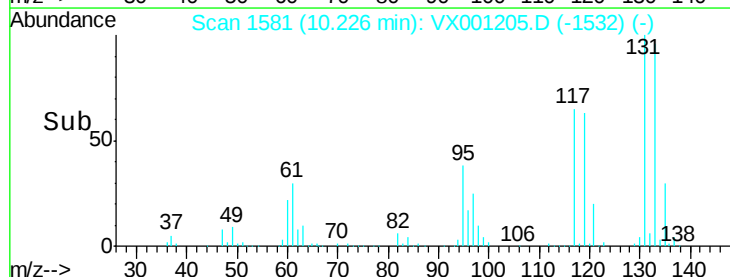
60000

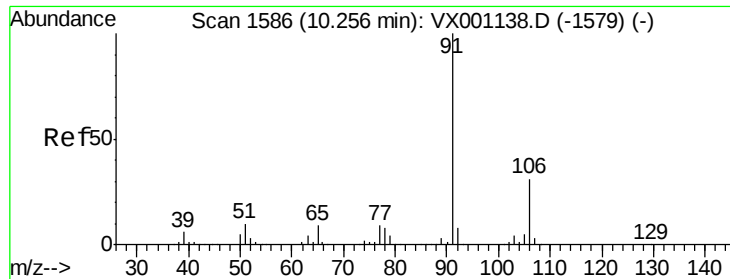
40000

20000

0

Time-->





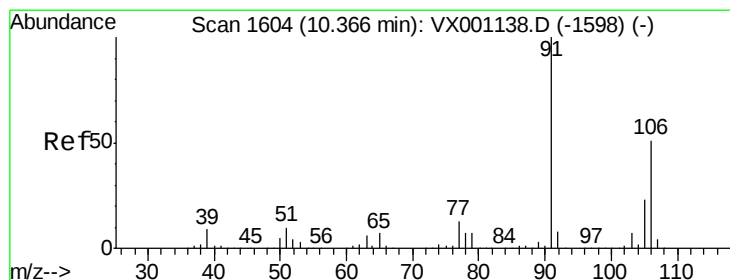
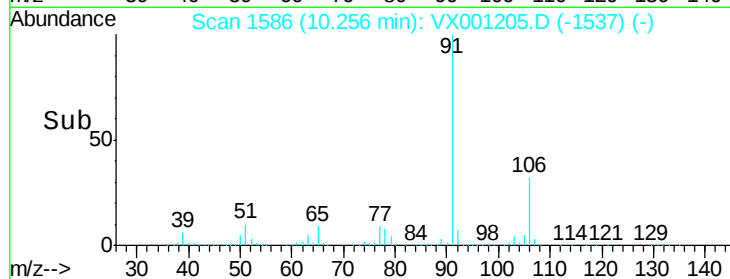
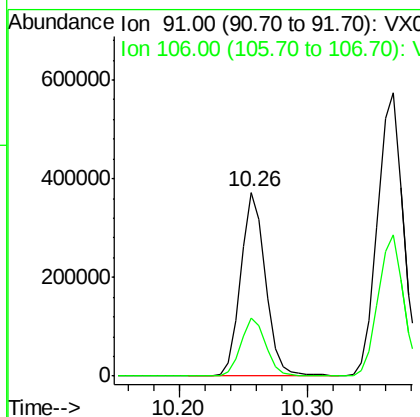
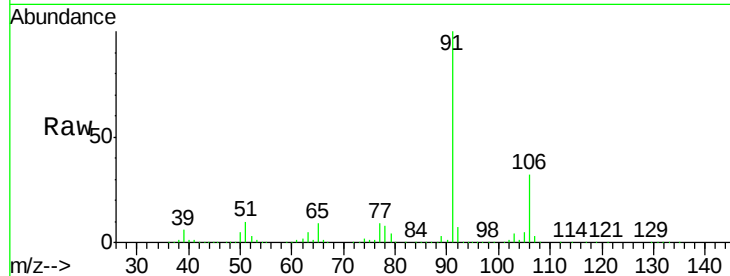
#67
Ethyl Benzene
Concen: 47.29 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 497050
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2

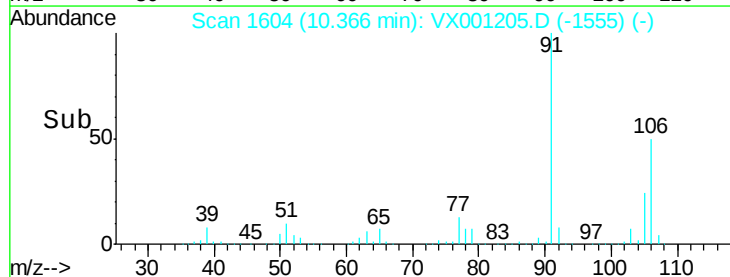
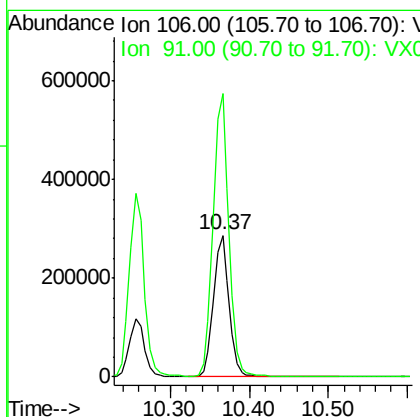
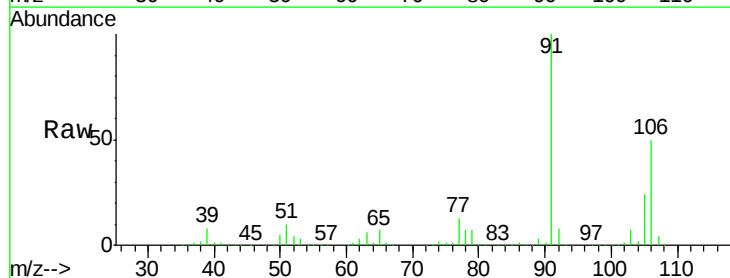
Manual Integrations
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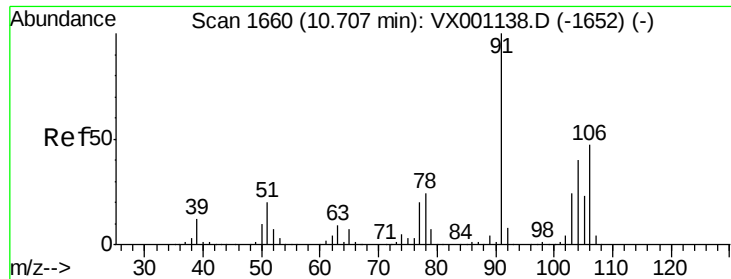
MMDadoda
4/30/2018 6:04:43 PM



#68
m/p-Xylenes
Concen: 95.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion: 106 Resp: 396964
Ion Ratio Lower Upper
106 100
91 201.7 160.9 241.3





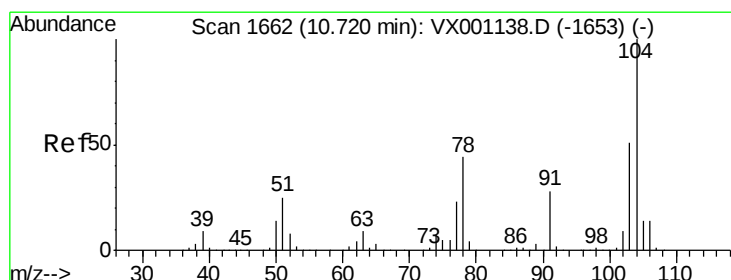
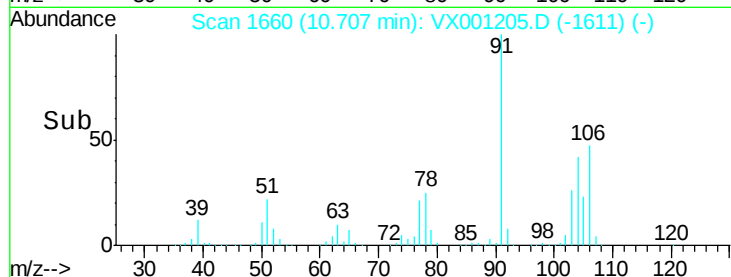
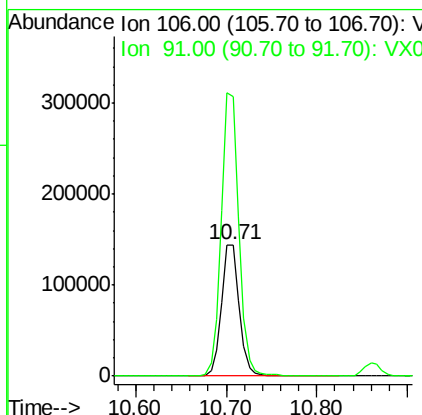
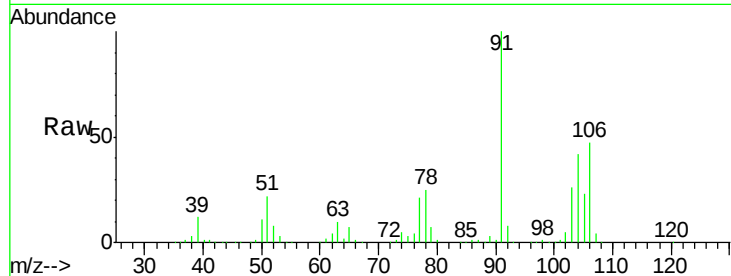
#69
o-Xylene
Concen: 49.01 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 197487
Ion Ratio Lower Upper
106 100
91 213.4 106.2 318.5

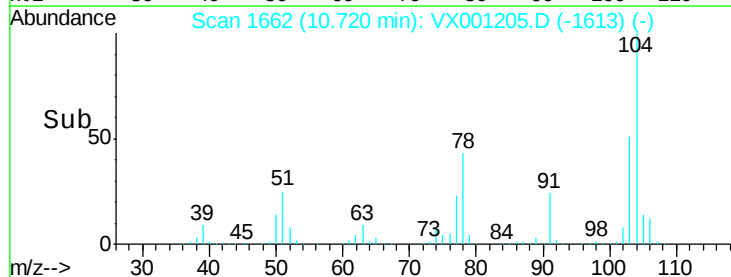
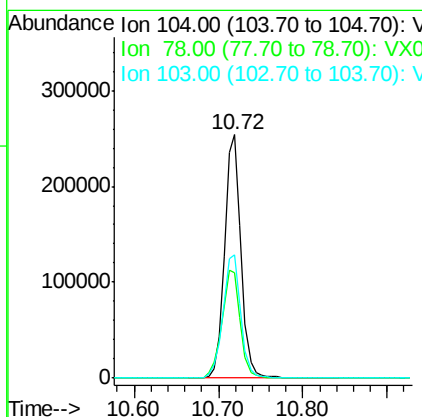
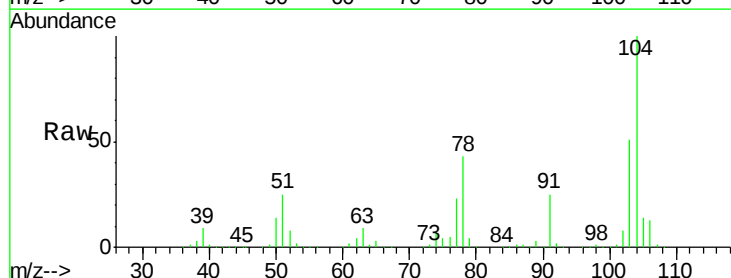
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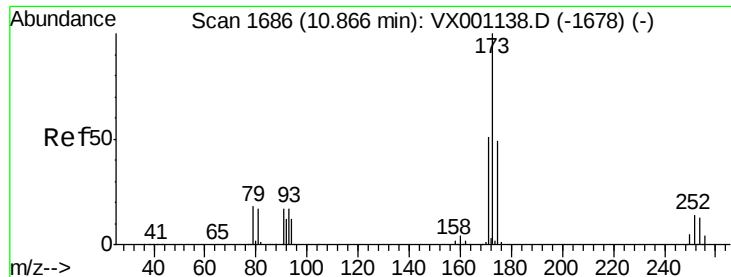
MMDadoda
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#70
Styrene
Concen: 50.34 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion:104 Resp: 337637
Ion Ratio Lower Upper
104 100
78 49.9 40.3 60.5
103 55.6 44.3 66.5





#71

Bromoform

Concen: 44.18 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 102509

Ion Ratio Lower Upper

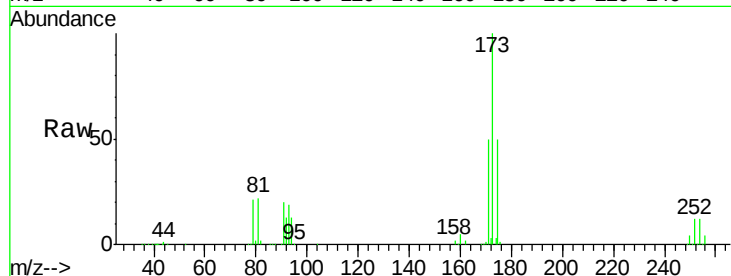
173 100

175 49.0 24.6 73.8

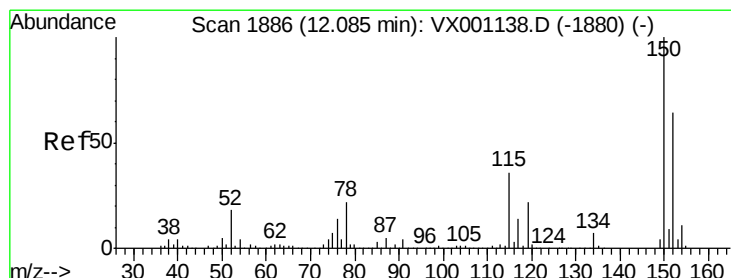
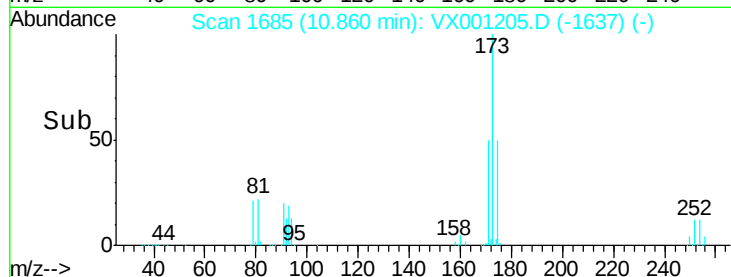
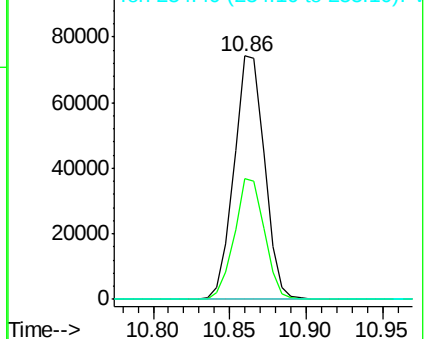
254 0.2 0.2 0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

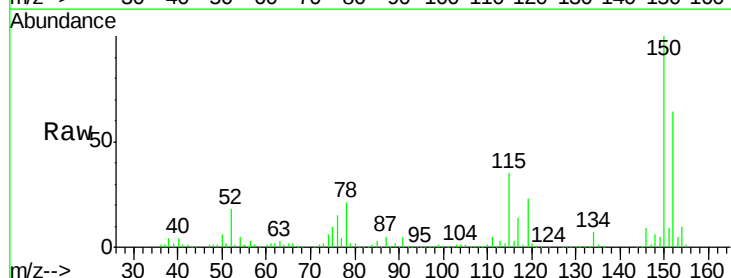
Tgt Ion:152 Resp: 167656

Ion Ratio Lower Upper

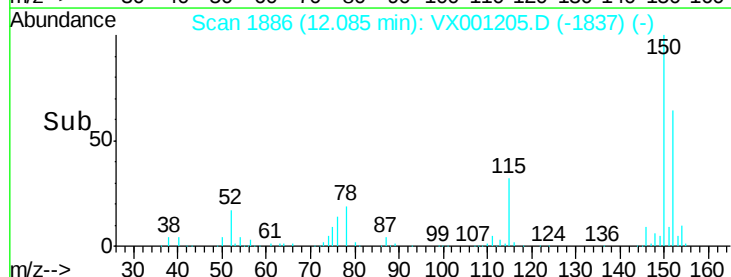
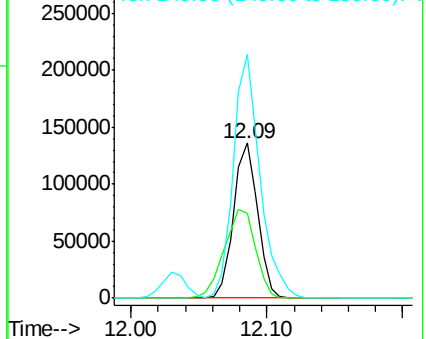
152 100

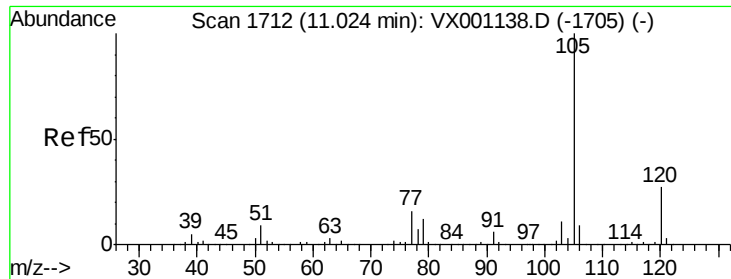
115 73.9 38.0 114.0

150 173.1 0.0 349.6



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





#73

Isopropylbenzene

Concen: 45.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 497306

Ion Ratio Lower Upper

105 100

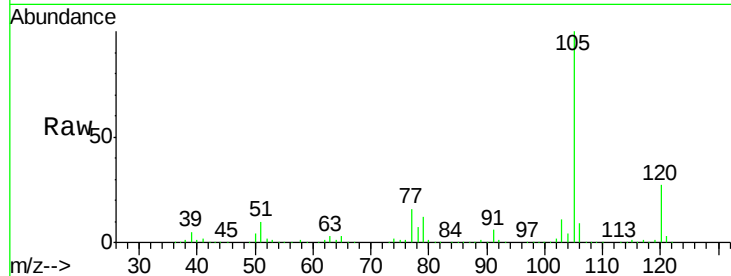
120 26.9 13.6 40.8

Manual Integrations

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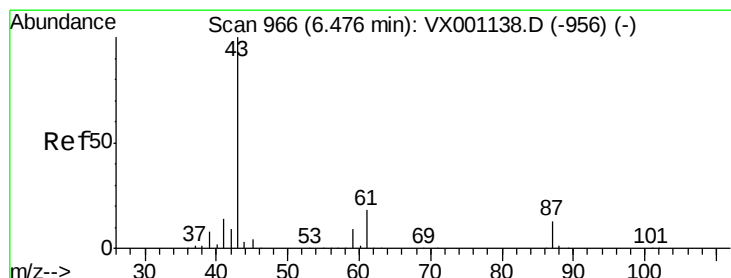
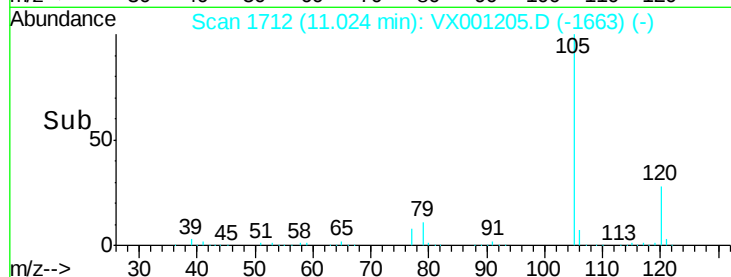
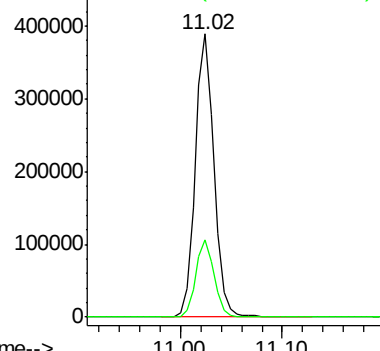
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.79 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion: 43 Resp: 252141

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

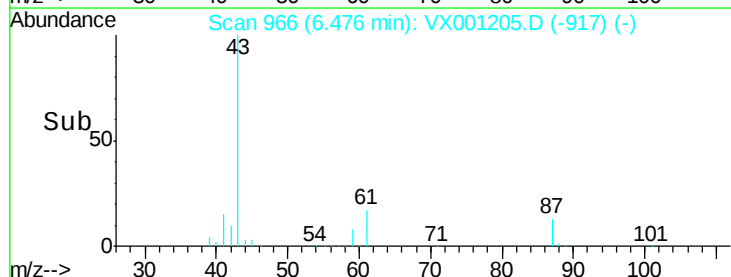
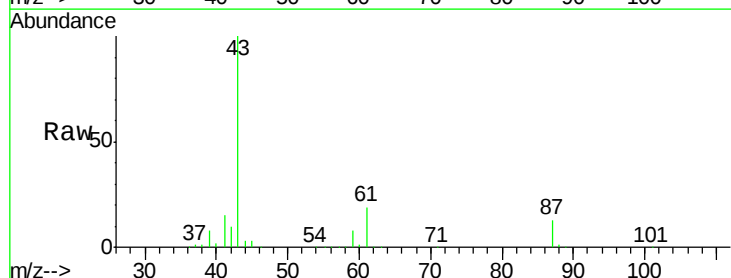
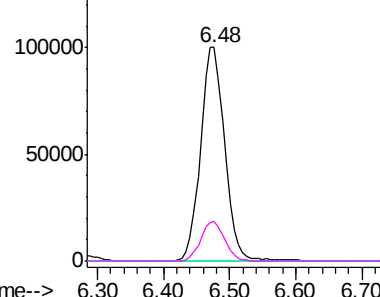
61 18.4 15.0 22.6

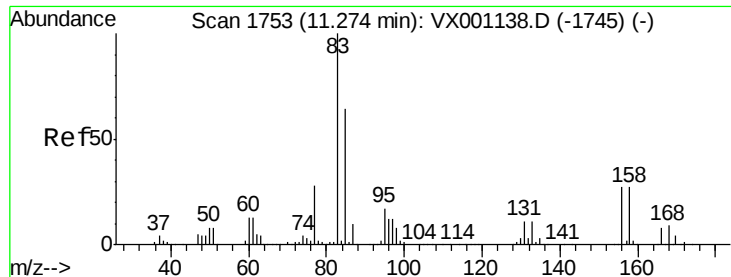
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

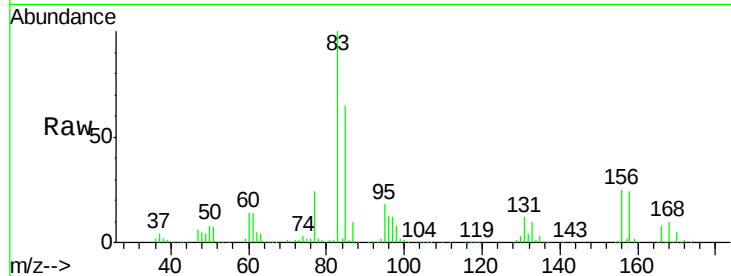
ClientSampleId :

VSTDCCC050EC

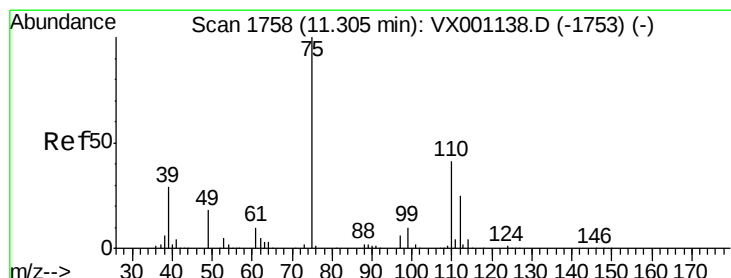
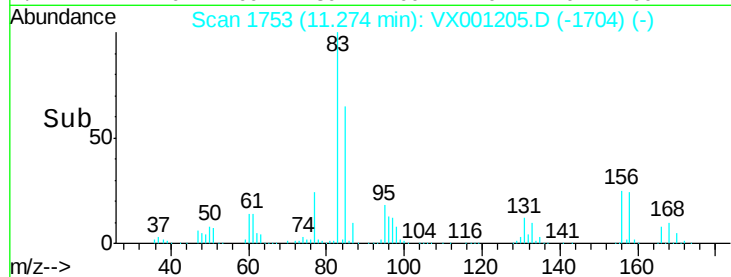
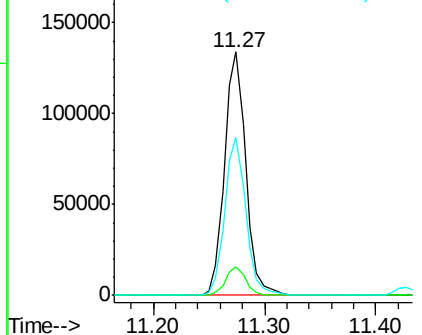
Tot Ion:	83	Resp:	176739
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.8	17.4
85	64.6	32.1	96.3

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



#76

1,2,3-Trichloropropane

Concen: 47.92 ug/l m

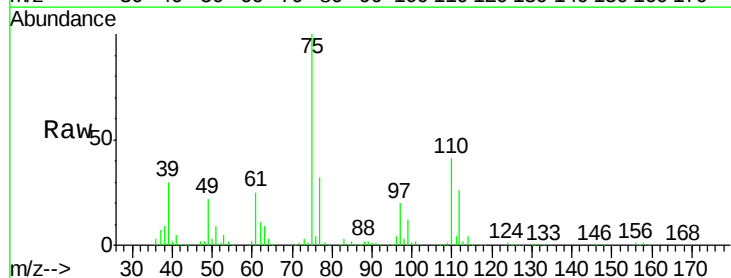
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

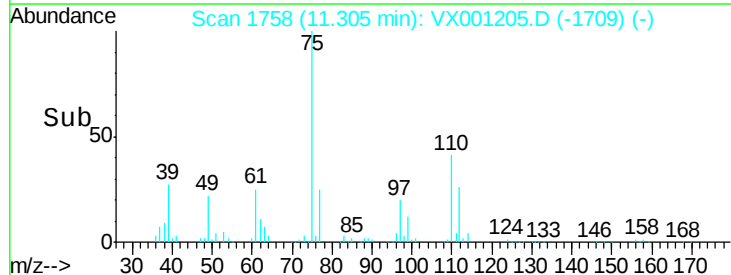
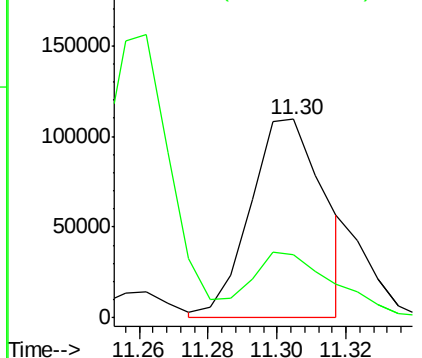
Lab File: VX001205.D

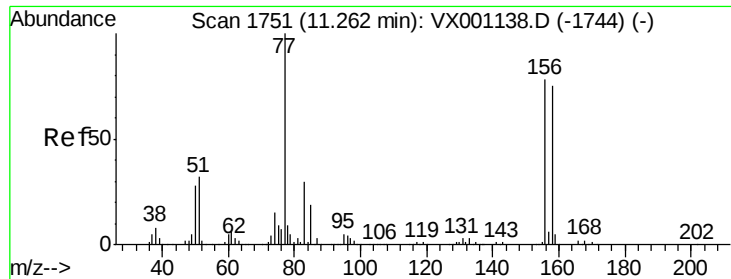
Acq: 28 Apr 2018 06:57

Tgt Ion:	75	Resp:	163604
Ion	Ratio	Lower	Upper
75	100		
77	36.0	18.9	56.9



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





#77

Bromobenzene

Concen: 49.63 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 160810

Ion Ratio Lower Upper

156 100

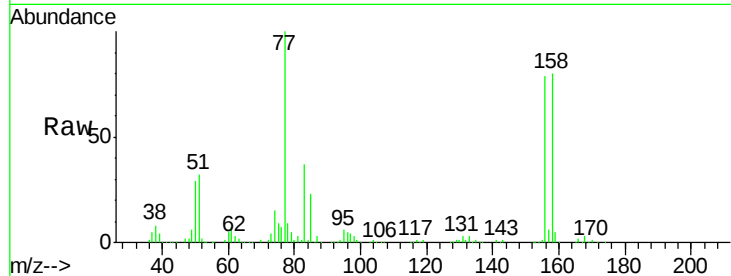
77 130.1 67.8 203.2

158 97.9 48.9 146.7

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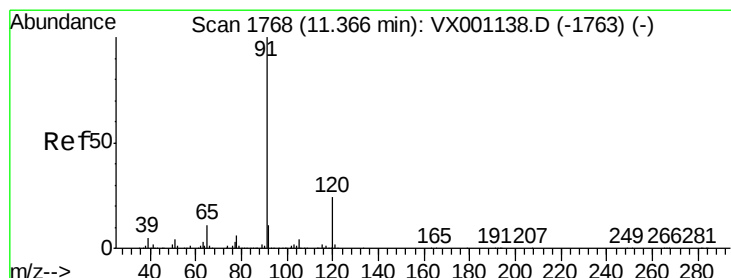
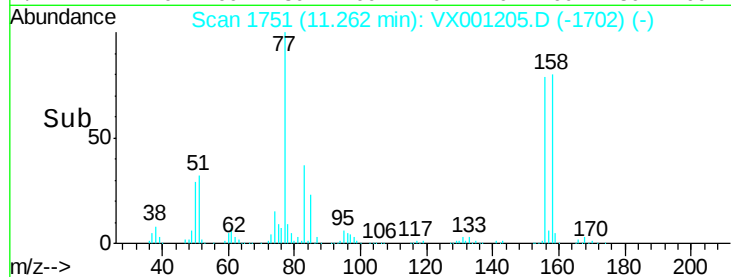
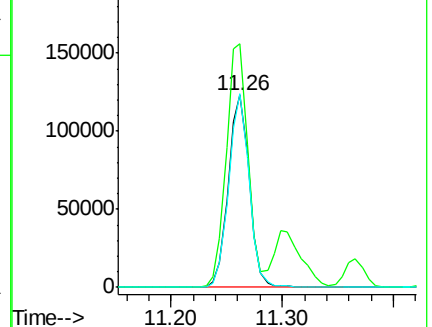
4/30/2018 6:04:43 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001205.D

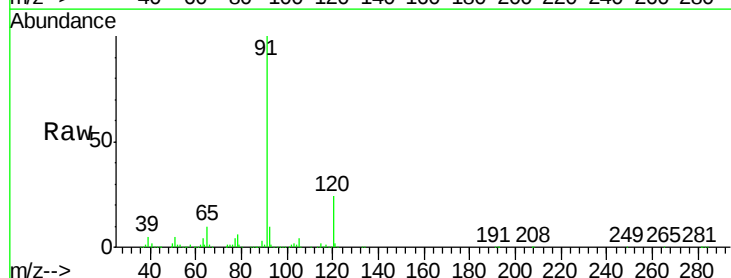
Acq: 28 Apr 2018 06:57

Tgt Ion: 91 Resp: 555721

Ion Ratio Lower Upper

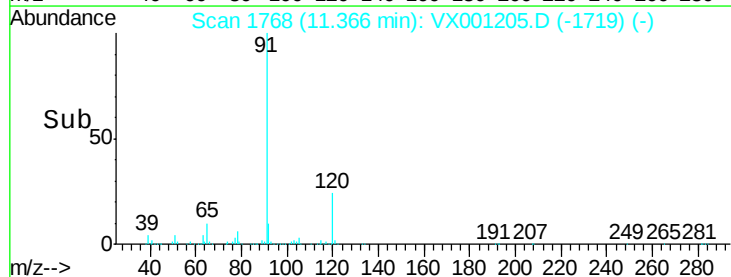
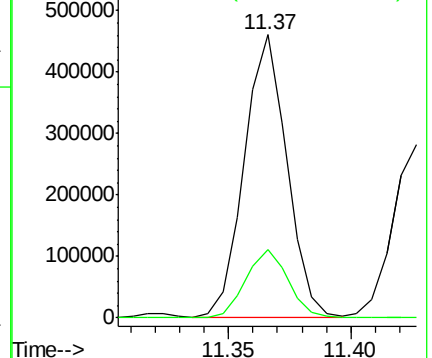
91 100

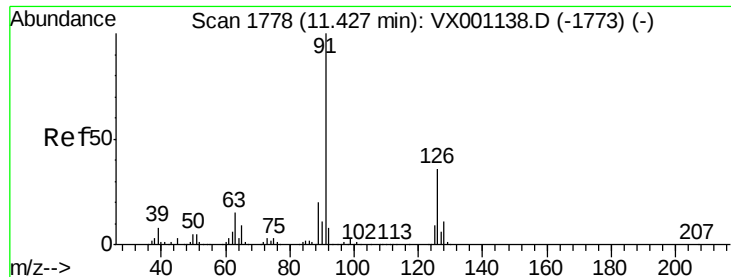
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.47 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 351039

Ion Ratio Lower Upper

91 100

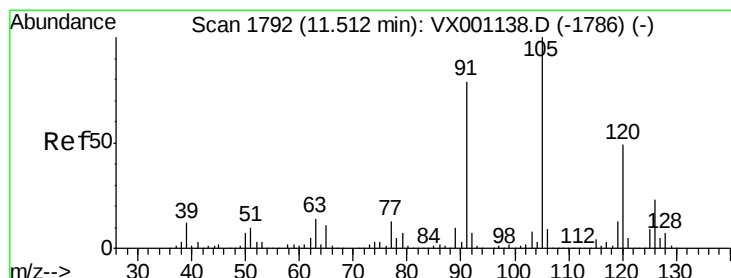
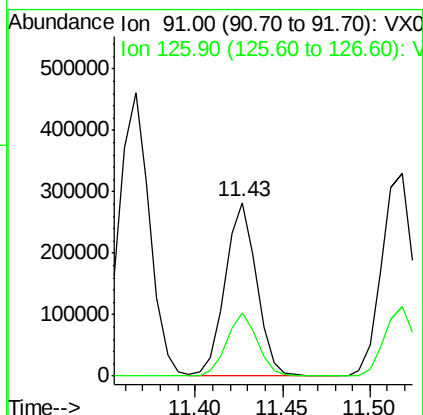
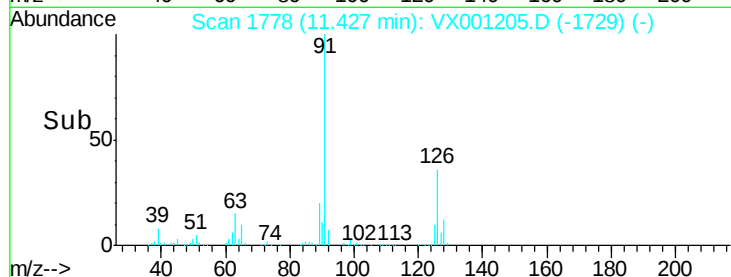
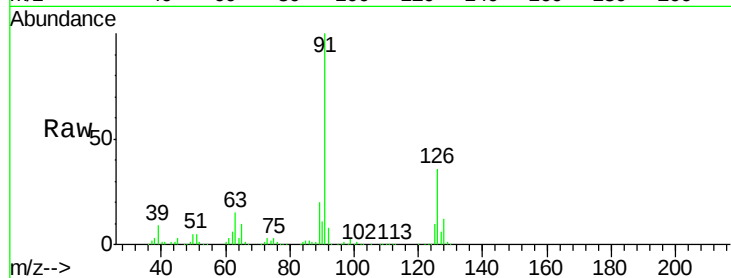
126 36.4 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 47.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001205.D

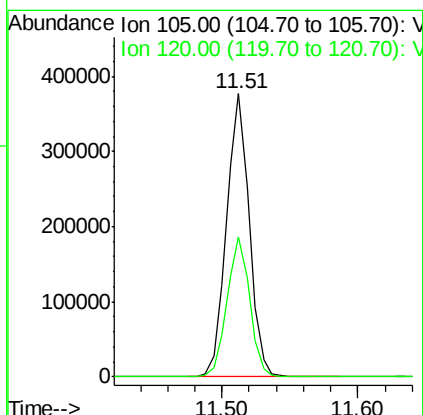
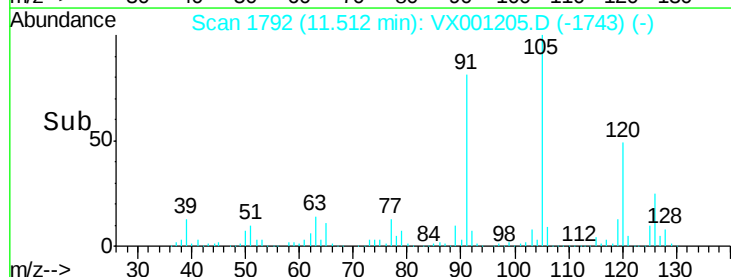
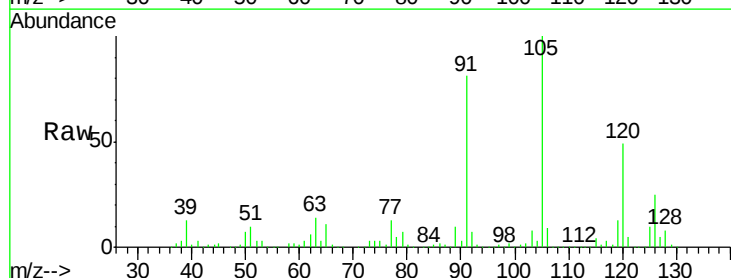
Acq: 28 Apr 2018 06:57

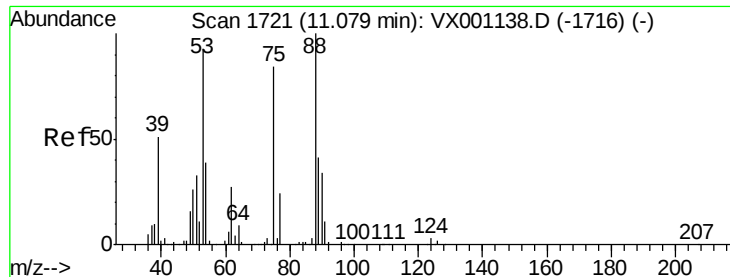
Tgt Ion: 105 Resp: 435405

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 36.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 37562

Ion Ratio Lower Upper

75 100

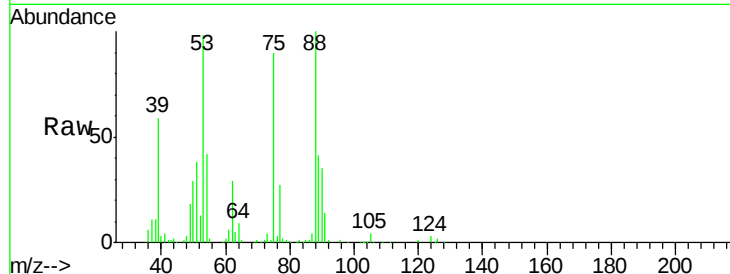
53 114.7 87.9 131.9

89 47.6 37.7 56.5

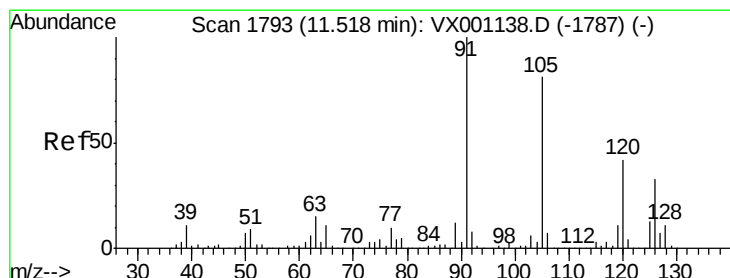
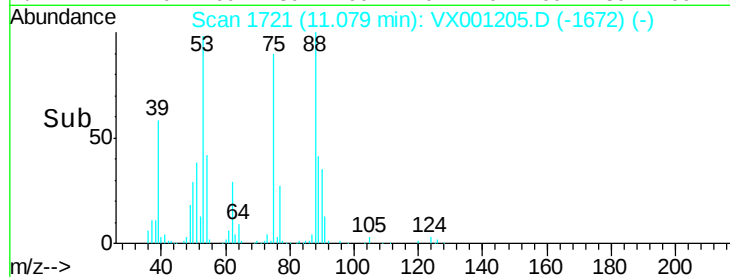
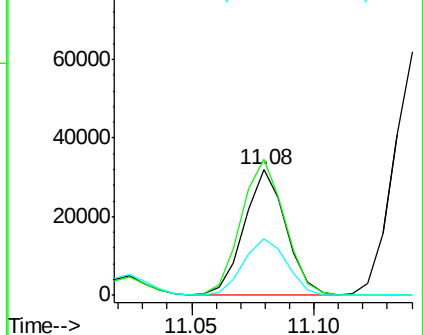
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.66 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001205.D

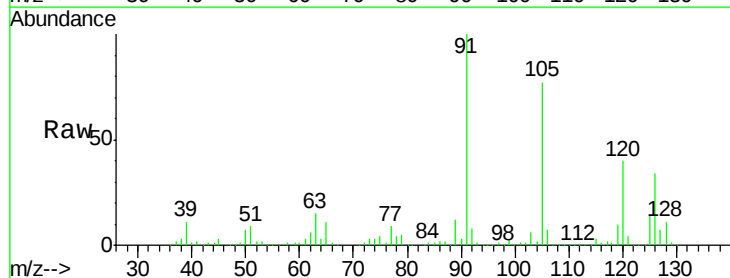
Acq: 28 Apr 2018 06:57

Tgt Ion: 91 Resp: 418921

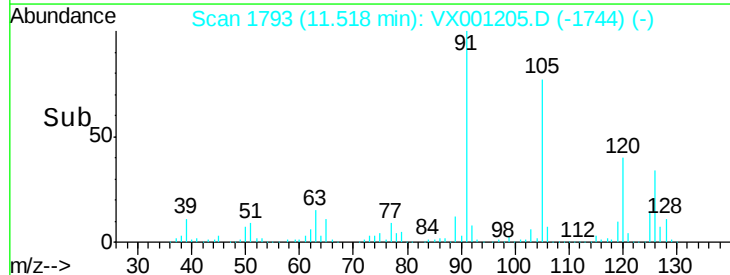
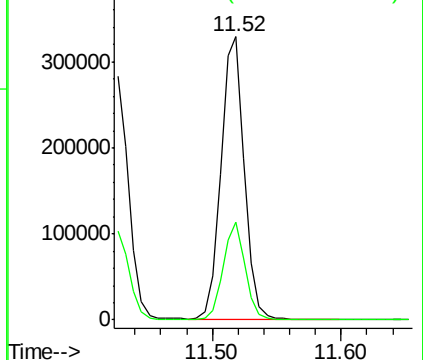
Ion Ratio Lower Upper

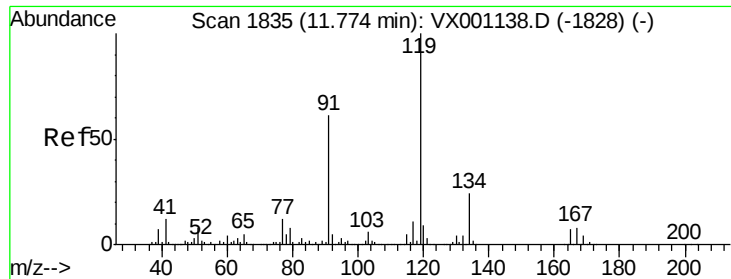
91 100

126 32.6 15.8 47.4



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





#83

tert-Butylbenzene

Concen: 44.58 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 411619

Ion Ratio Lower Upper

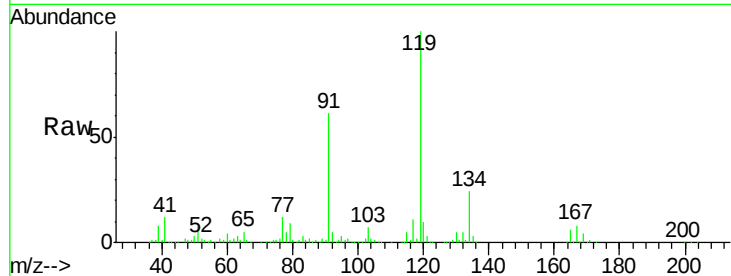
119 100

91 57.7 27.6 82.8

134 24.0 11.5 34.5

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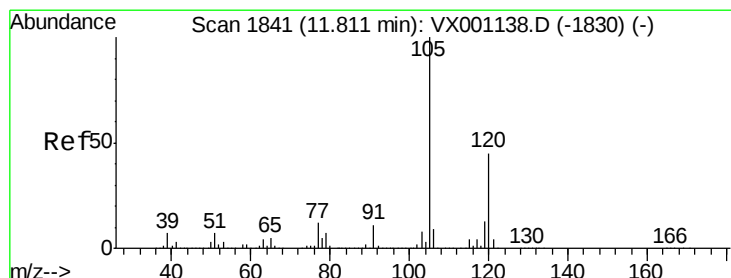
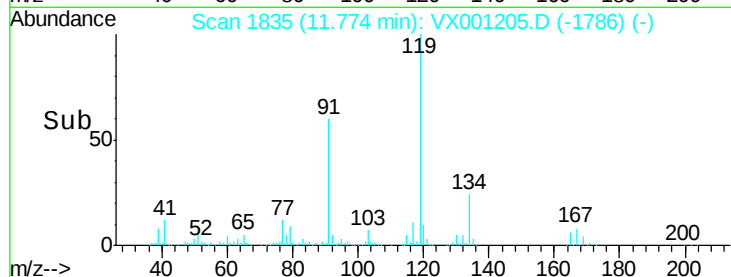
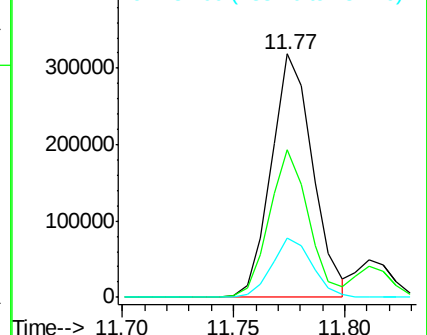
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.85 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001205.D

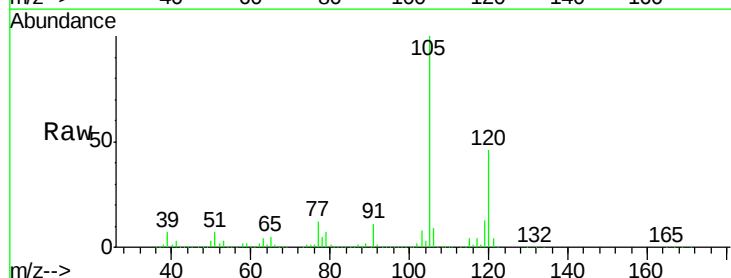
Acq: 28 Apr 2018 06:57

Tgt Ion:105 Resp: 455030

Ion Ratio Lower Upper

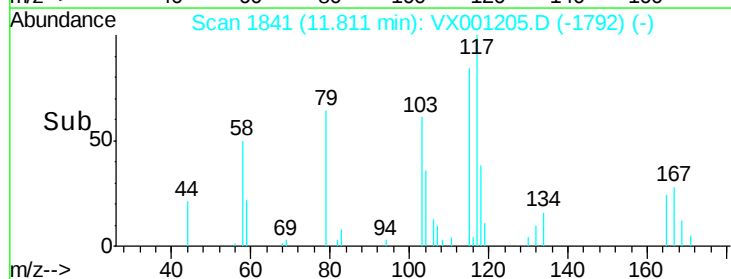
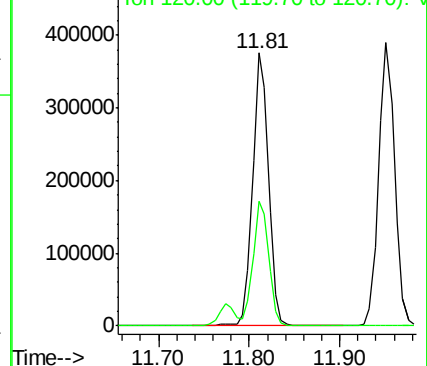
105 100

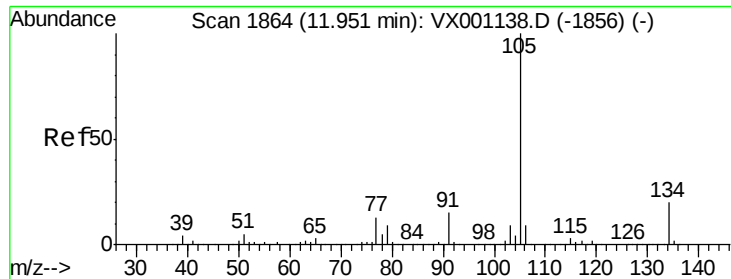
120 45.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 476004

Ion Ratio Lower Upper

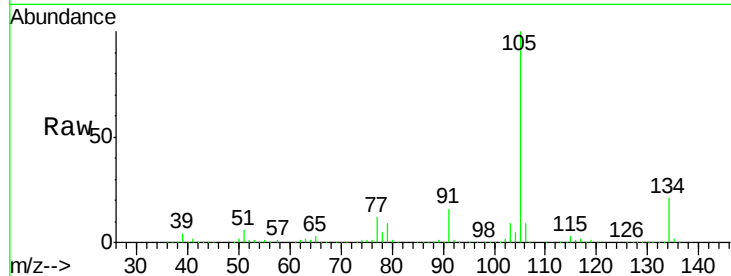
105 100

134 21.1 10.5 31.5

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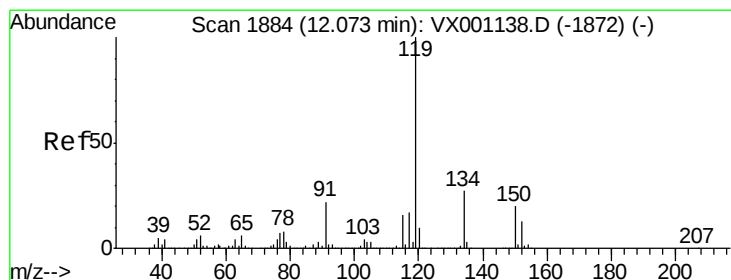
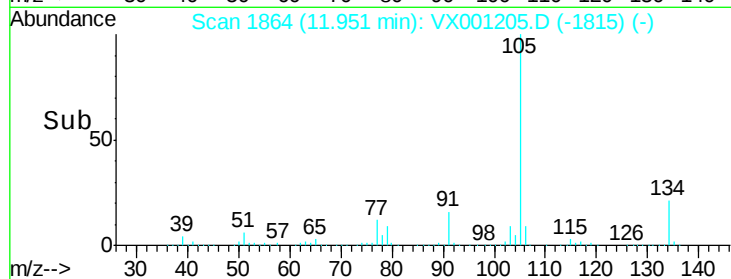
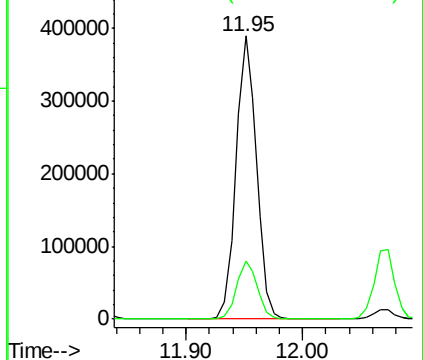
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

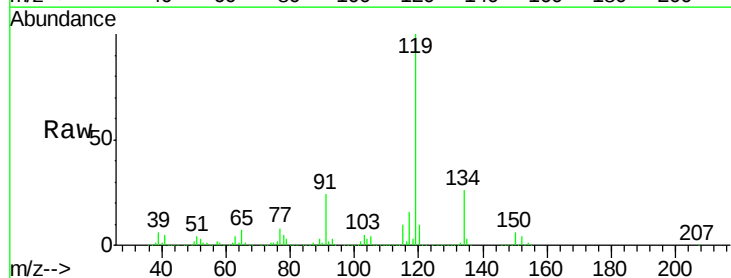
Tgt Ion:119 Resp: 446548

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

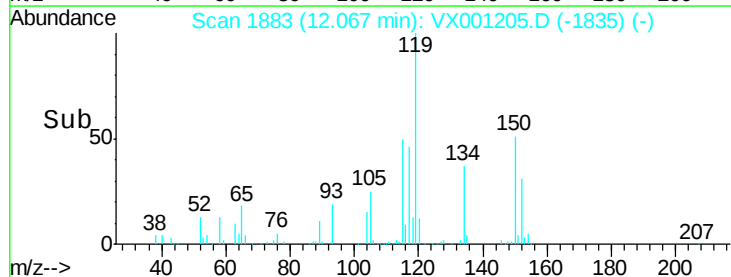
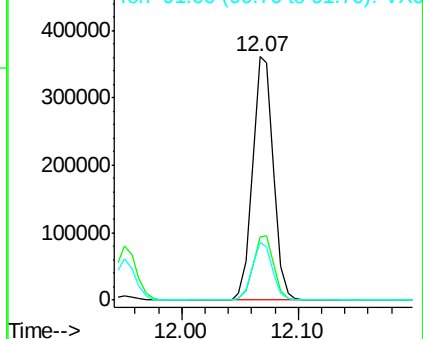
91 23.4 11.6 34.8

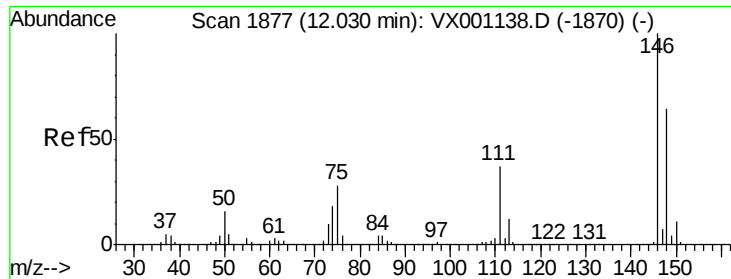


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.41 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

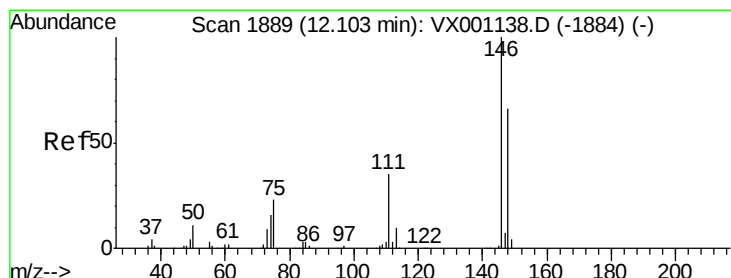
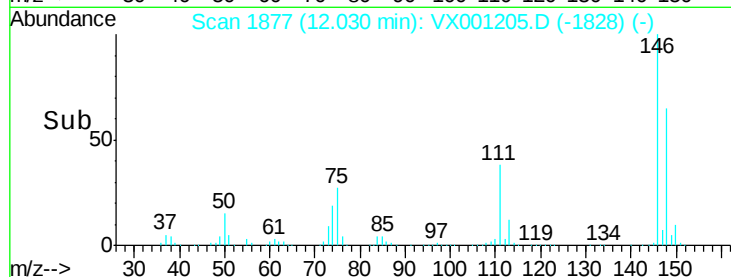
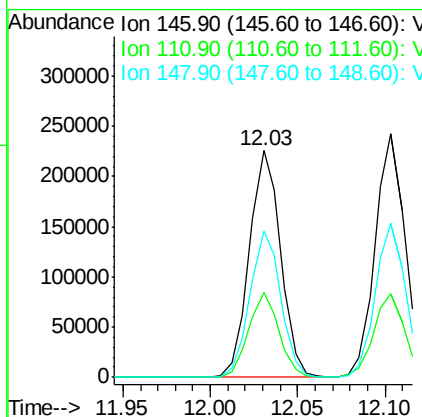
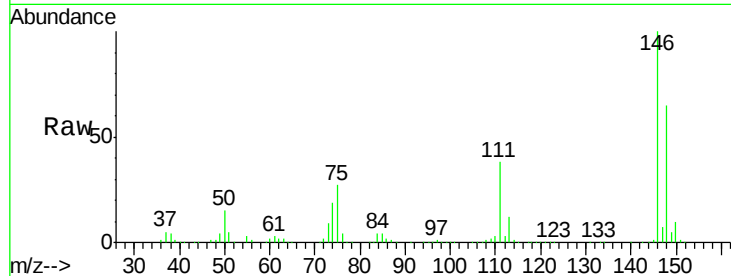
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	281616
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.6	56.0
148	63.9	32.3	96.8

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#88

1,4-Dichlorobenzene

Concen: 47.73 ug/l

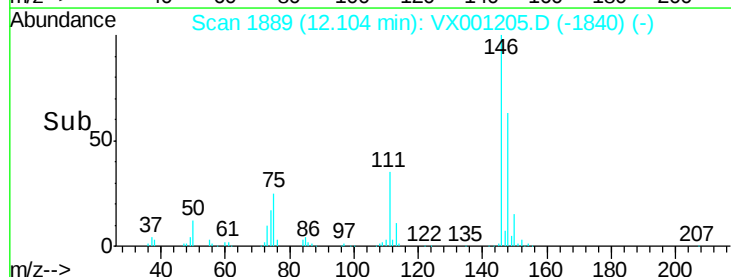
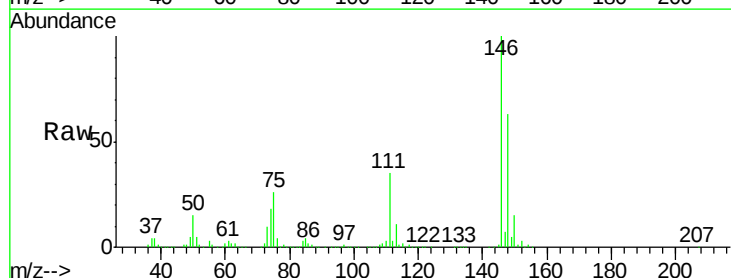
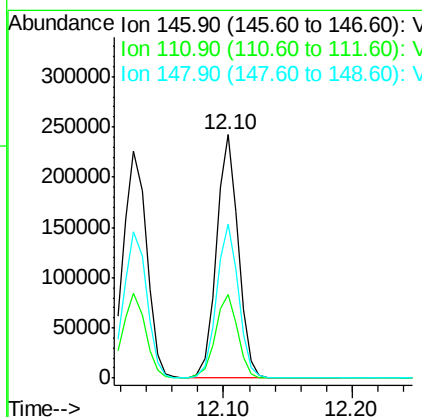
RT: 12.10 min Scan# 1889

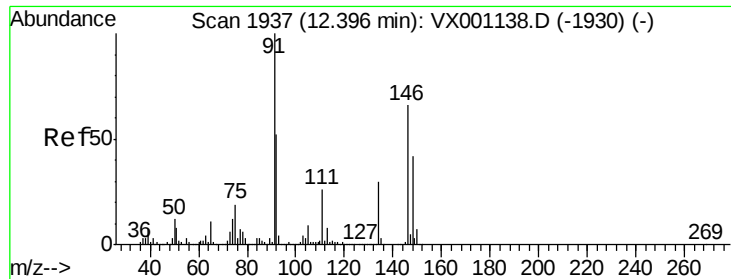
Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion:	146	Resp:	289291
Ion Ratio	Lower	Upper	
146	100		
111	35.3	18.0	54.0
148	63.9	32.5	97.5





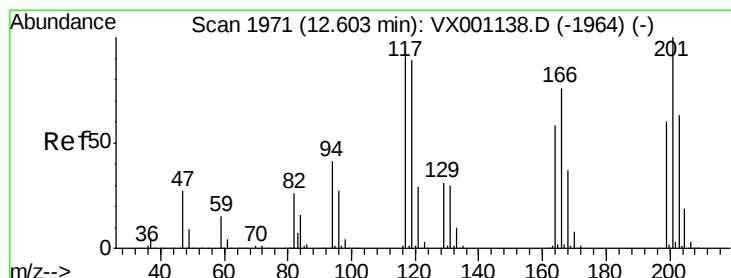
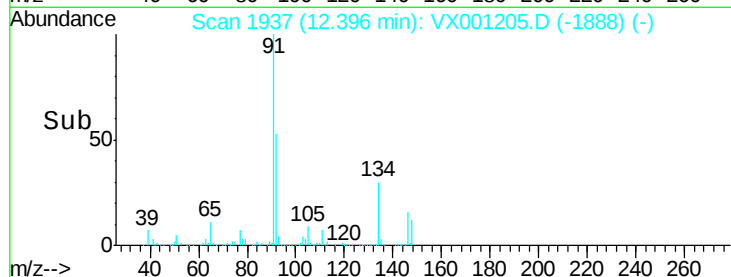
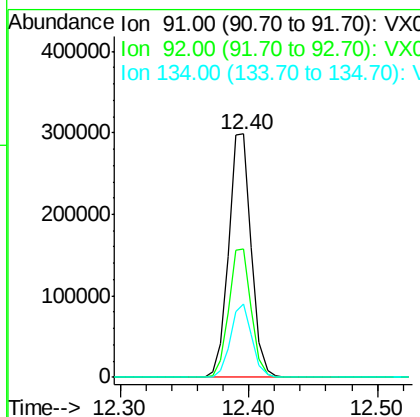
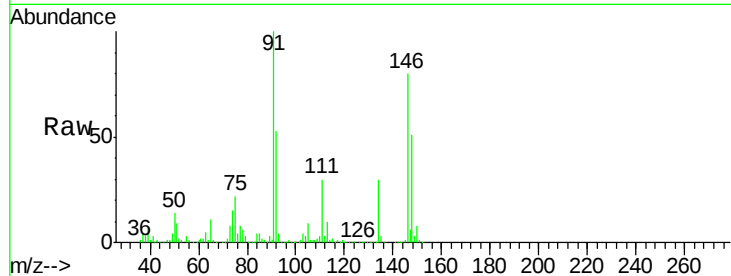
#89
n-Butylbenzene
Concen: 42.32 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.6
134	28.5	14.1	42.3

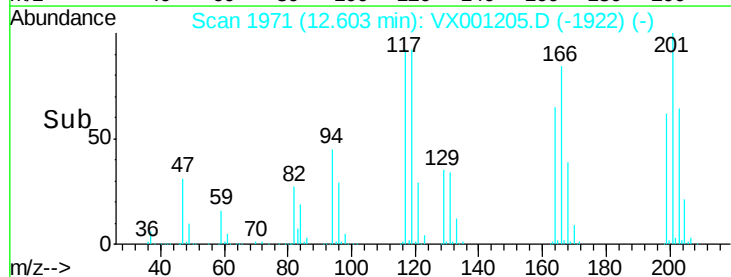
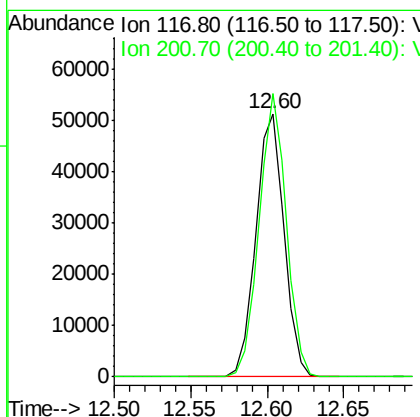
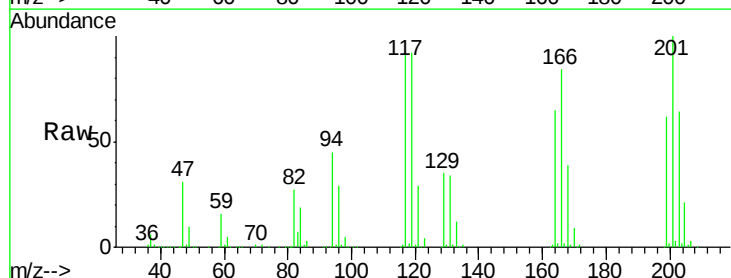
Manual Integrations
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#90
Hexachloroethane
Concen: 41.32 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001205.D
Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.1	51.8	155.4





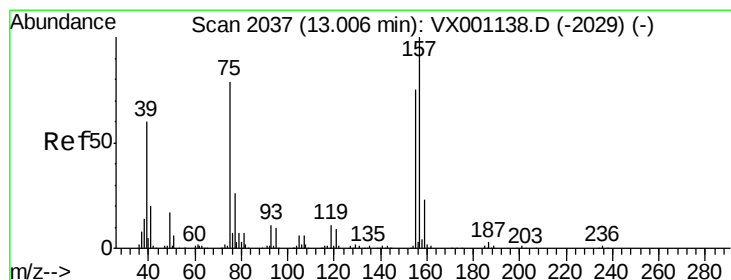
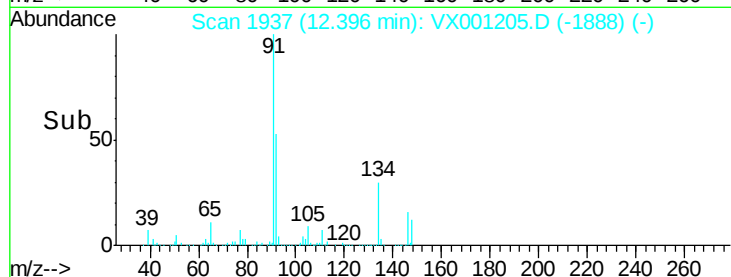
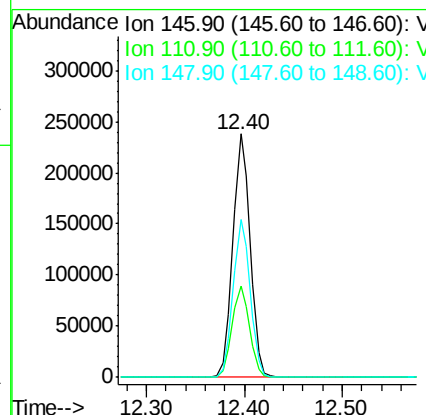
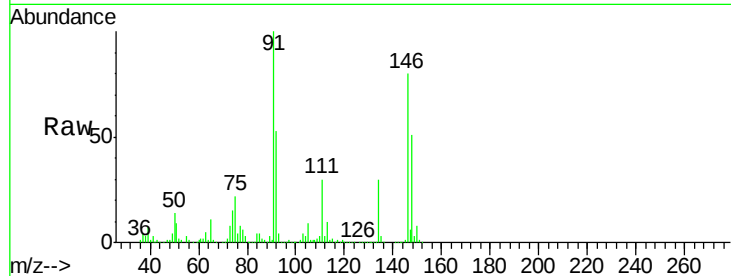
#91
 1,2-Dichlorobenzene
 Concen: 49.66 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.3
148	64.1	32.2	96.6

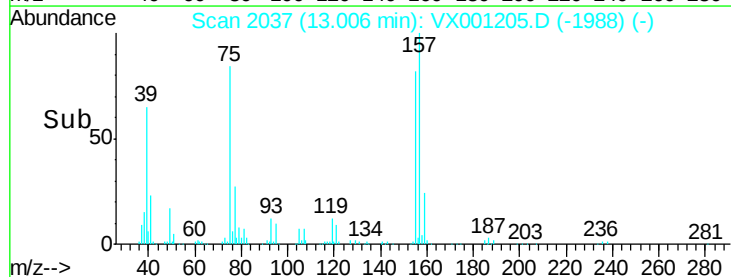
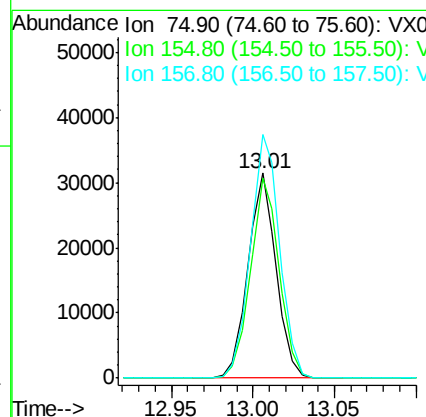
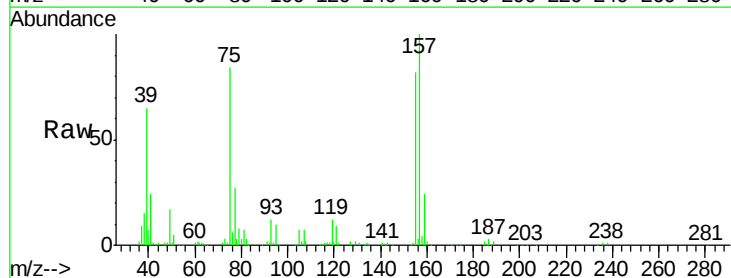
Manual Integrations
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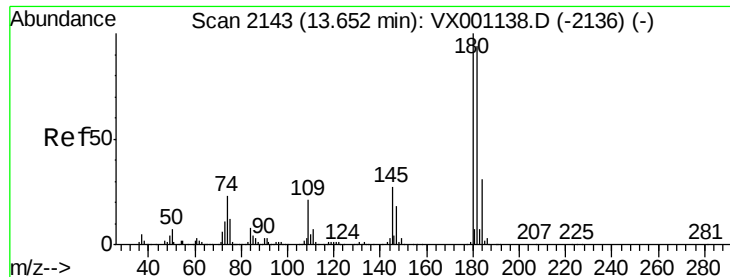
MMDadoda
 4/30/2018 6:04:43 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.17 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	48.4	145.3
157	123.7	62.7	188.1





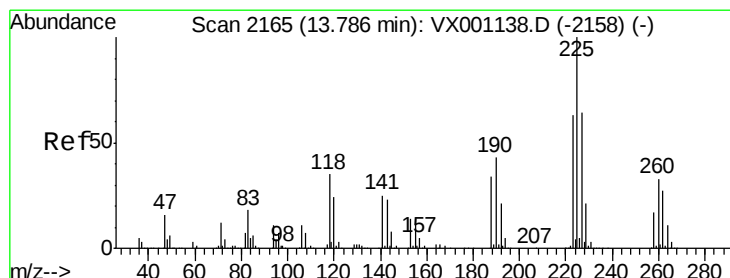
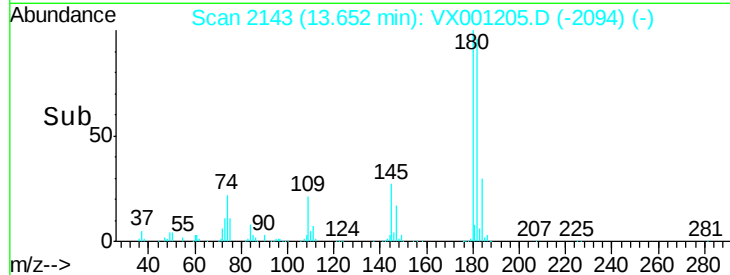
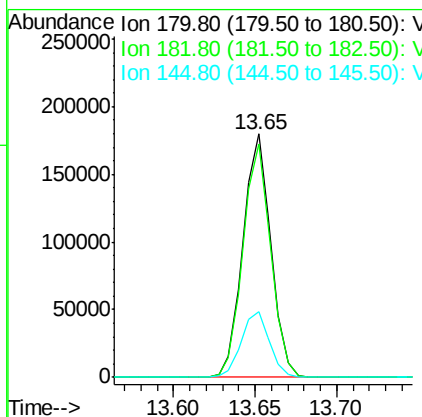
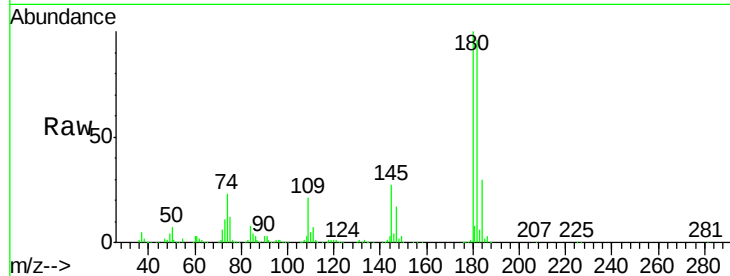
#93
 1,2,4-Trichlorobenzene
 Concen: 46.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180	Resp:	214064
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.9 143.6
145	27.2	13.8 41.4

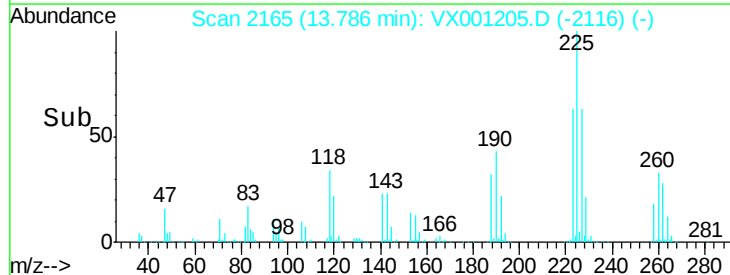
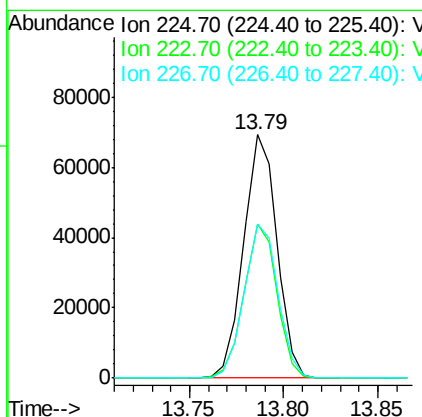
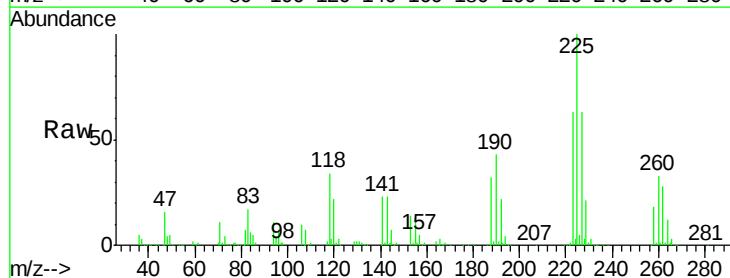
Manual Integrations
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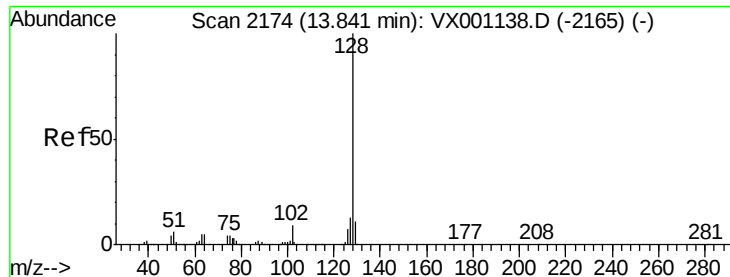
MMDadoda
 4/30/2018 6:04:43 PM



#94
 Hexachlorobutadiene
 Concen: 39.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001205.D
 Acq: 28 Apr 2018 06:57

Tgt Ion:225	Resp:	84957
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.3 93.9
227	64.1	32.2 96.6





#95

Naphthalene

Concen: 49.09 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Instrument :

MSVOA_X

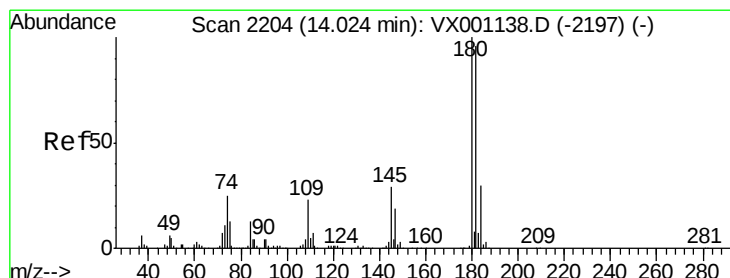
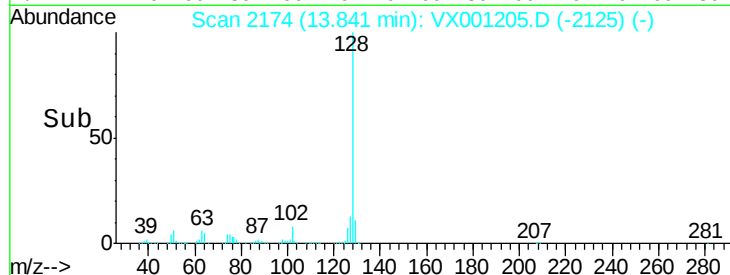
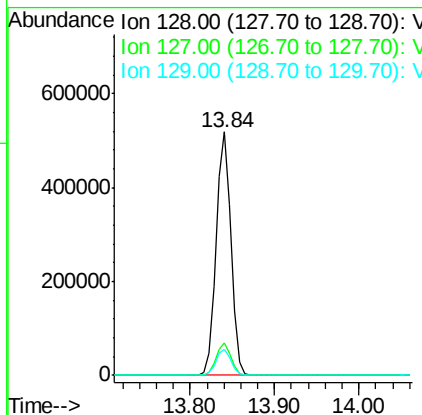
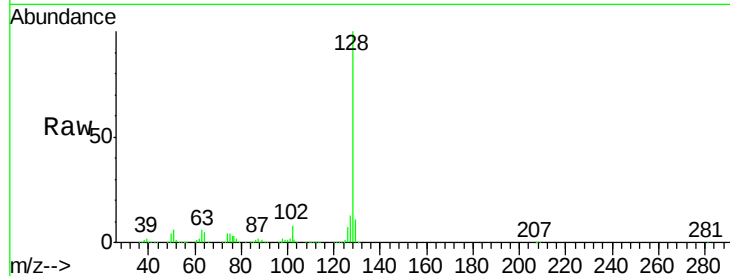
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	630411
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 48.06 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001205.D

Acq: 28 Apr 2018 06:57

Tgt Ion:	180	Resp:	220434
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.2	144.6
145	29.2	14.5	43.5

