

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002458.D
 Acq On : 12 Jun 2018 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:34 PM

Quant Time: Jun 13 01:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139076	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
35) Dibromofluoromethane	5.51	113	110653	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
50) Toluene-d8	8.72	98	427156	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.14	95	166994	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120258	49.475	ug/l	99
3) Chloromethane	1.32	50	132724	47.512	ug/l	99
4) Vinyl Chloride	1.41	62	155957	50.909	ug/l	100
5) Bromomethane	1.64	94	87593	50.564	ug/l	100
6) Chloroethane	1.72	64	108899	54.954	ug/l	100
7) Trichlorofluoromethane	1.93	101	267160	57.238	ug/l	99
8) Diethyl Ether	2.19	74	95162	57.743	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	156739	62.228	ug/l	99
10) Methyl Iodide	2.51	142	154291	43.550	ug/l	99
11) Tert butyl alcohol	3.06	59	164592	239.338	ug/l	100
12) 1,1-Dichloroethene	2.37	96	131394	52.785	ug/l	98
13) Acrolein	2.29	56	75863	227.629	ug/l	99
14) Allyl chloride	2.73	41	265872	49.217	ug/l	98
15) Acrylonitrile	3.15	53	381716	268.967	ug/l	99
16) Acetone	2.45	43	480084	340.806	ug/l	100
17) Carbon Disulfide	2.57	76	307533	46.875	ug/l	98
18) Methyl Acetate	2.78	43	184614	55.404	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	491933	57.090	ug/l	99
20) Methylene Chloride	2.86	84	148842	56.666	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	141238	51.452	ug/l	97
22) Diisopropyl ether	3.87	45	537306	59.829	ug/l	97
23) Vinyl Acetate	3.82	43	2303109	262.995	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280656	52.566	ug/l	99
25) 2-Butanone	4.70	43	540325	235.677	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204456	48.989	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142090	47.597	ug/l	95
28) Bromochloromethane	5.02	49	112987	49.739	ug/l	100
29) Tetrahydrofuran	5.16	42	314172	212.543	ug/l	100
30) Chloroform	5.21	83	255198	49.534	ug/l	97
31) Cyclohexane	5.58	56	219267	51.935	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	223351	51.118	ug/l	99
36) 1,1-Dichloropropene	5.81	75	186790	54.210	ug/l	100
37) Ethyl Acetate	4.86	43	193836	46.777	ug/l	100
38) Carbon Tetrachloride	5.79	117	201679	55.949	ug/l	99

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Manual Integrations
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Quant Time: Jun 13 01:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232834	54.670	ug/l	98
40) Benzene	6.15	78	544939	51.579	ug/l	100
41) Methacrylonitrile	5.06	41	113626	47.900	ug/l	99
42) 1,2-Dichloroethane	6.20	62	216455	51.567	ug/l	99
43) Isopropyl Acetate	6.46	43	342135	48.610	ug/l	99
44) Trichloroethene	7.21	130	156515	53.378	ug/l	98
45) 1,2-Dichloropropane	7.52	63	146594	51.397	ug/l	98
46) Dibromomethane	7.66	93	98527	50.957	ug/l	98
47) Bromodichloromethane	7.90	83	190067	54.352	ug/l	100
48) Methyl methacrylate	7.78	41	173955	49.203	ug/l	98
49) 1,4-Dioxane	7.76	88	59772	904.211	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1085467	247.649	ug/l	100
52) Toluene	8.79	92	366439	54.533	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	225337	53.734	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	213471	53.955	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147445	53.351	ug/l	99
56) Ethyl methacrylate	9.18	69	225733	51.160	ug/l	98
57) 1,3-Dichloropropane	9.37	76	241644	52.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	531057	260.043	ug/l	100
59) 2-Hexanone	9.50	43	867875	256.349	ug/l	99
60) Dibromochloromethane	9.59	129	158616	57.059	ug/l	99
61) 1,2-Dibromoethane	9.68	107	152449	52.904	ug/l	99
64) Tetrachloroethene	9.34	164	177606	53.402	ug/l	97
65) Chlorobenzene	10.14	112	425713	53.053	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	155962	53.678	ug/l	100
67) Ethyl Benzene	10.26	91	737875	54.948	ug/l	99
68) m/p-Xylenes	10.36	106	576033	110.349	ug/l	99
69) o-Xylene	10.70	106	280648	54.025	ug/l	99
70) Styrene	10.71	104	474478	55.872	ug/l	99
71) Bromoform	10.86	173	123814	47.749	ug/l	99
73) Isopropylbenzene	11.02	105	782060	50.870	ug/l	100
74) N-amyl acetate	6.46	43	342112	41.299	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220671	45.638	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219032m	45.168	ug/l	
77) Bromobenzene	11.26	156	208256	48.252	ug/l	98
78) n-propylbenzene	11.37	91	910486	53.284	ug/l	100
79) 2-Chlorotoluene	11.43	91	526529	48.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674598	51.159	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62726	45.342	ug/l	97
82) 4-Chlorotoluene	11.51	91	630811	50.652	ug/l	99
83) tert-Butylbenzene	11.77	119	661111	51.486	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	693652	51.102	ug/l	99
85) sec-Butylbenzene	11.95	105	829720	55.118	ug/l	100
86) p-Isopropyltoluene	12.07	119	758810	55.341	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	394540	51.126	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	402749	50.633	ug/l	99
89) n-Butylbenzene	12.39	91	690909	60.080	ug/l	100
90) Hexachloroethane	12.60	117	114218	52.183	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	396718	49.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47307	44.740	ug/l	97

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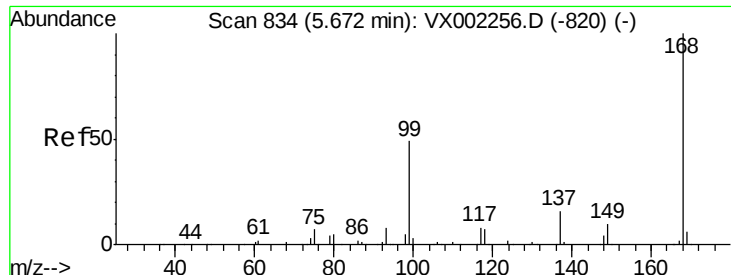
Manual Integrations
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6/13/2018 1:59:34 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	301615	53.873	ug/l	99
94) Hexachlorobutadiene	13.79	225	169774	61.366	ug/l	99
95) Naphthalene	13.84	128	788889	49.042	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299599	52.471	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 233825

Ion Ratio Lower Upper

168 100

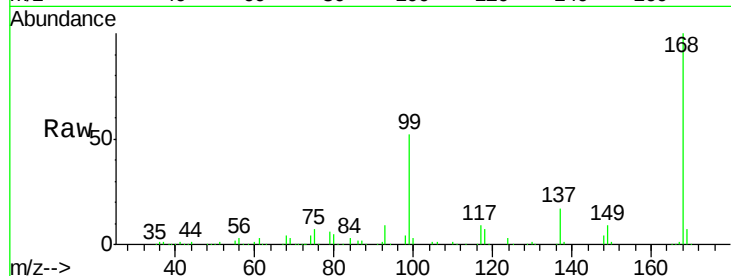
99 52.2 39.3 58.9

Manual Integrations

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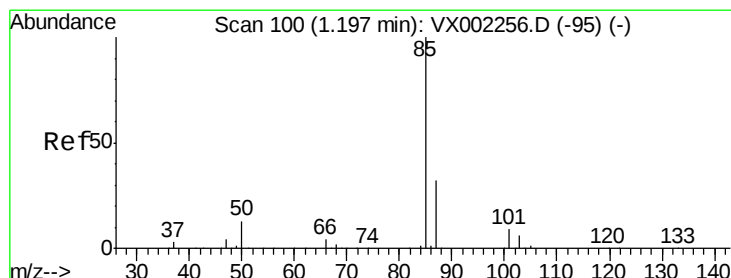
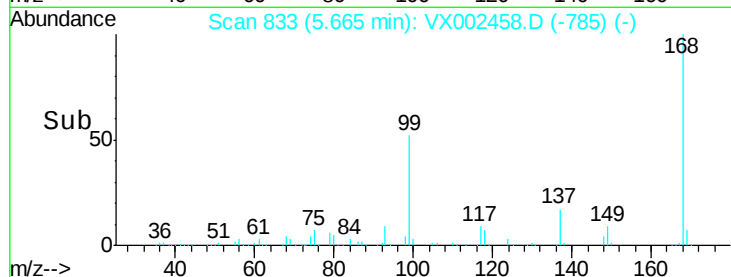
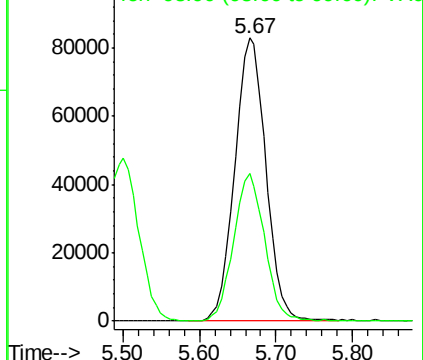
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.475 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002458.D

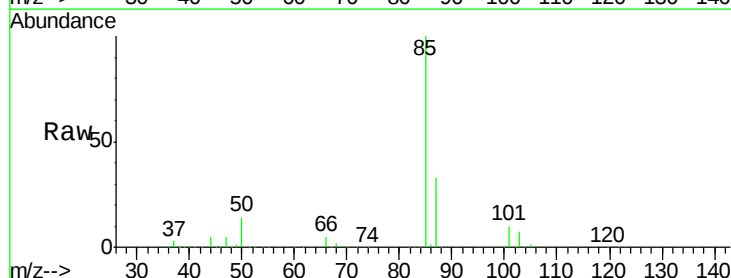
Acq: 12 Jun 2018 10:12

Tgt Ion: 85 Resp: 120258

Ion Ratio Lower Upper

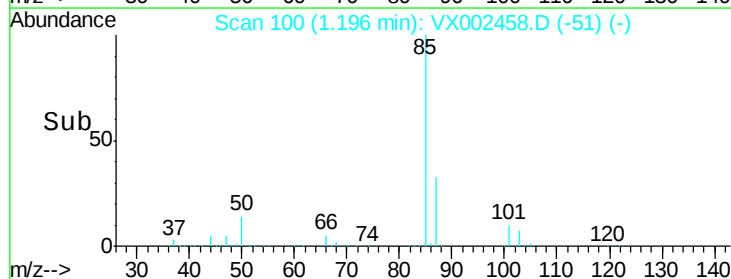
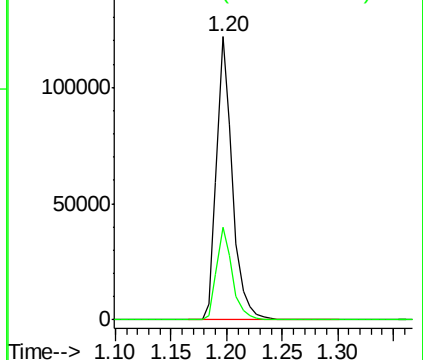
85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.512 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 132724

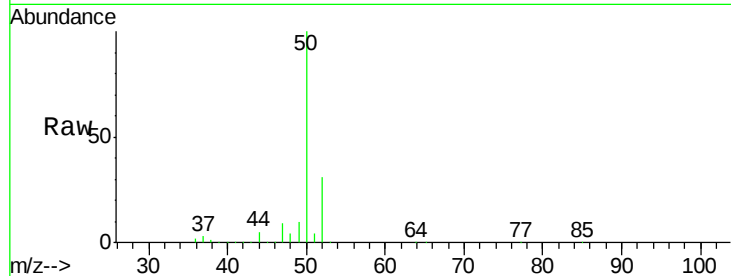
Ion Ratio Lower Upper

50 100

52 31.3 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

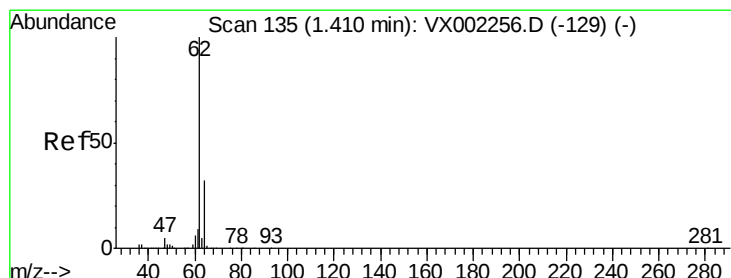
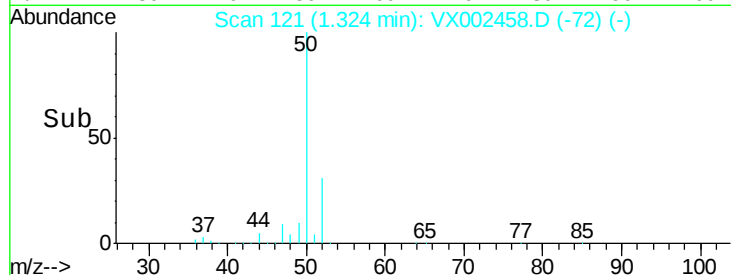
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.909 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002458.D

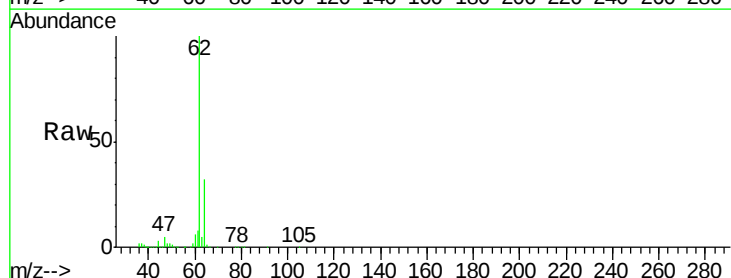
Acq: 12 Jun 2018 10:12

Tgt Ion: 62 Resp: 155957

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

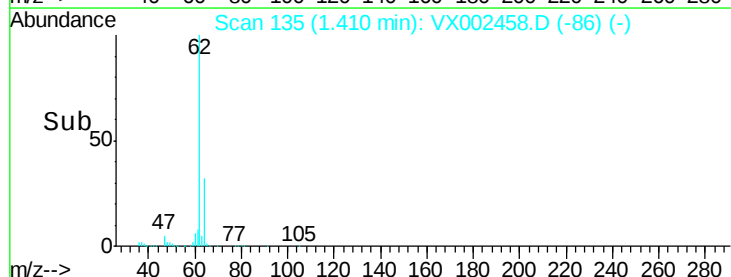
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.564 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87593

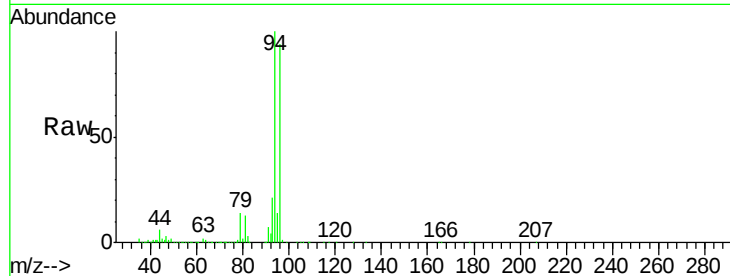
Ion Ratio Lower Upper

94 100

96 93.9 74.9 112.3

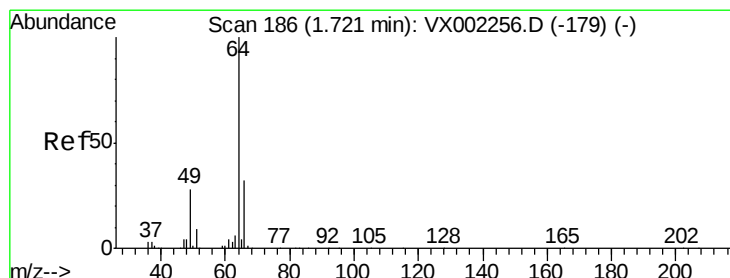
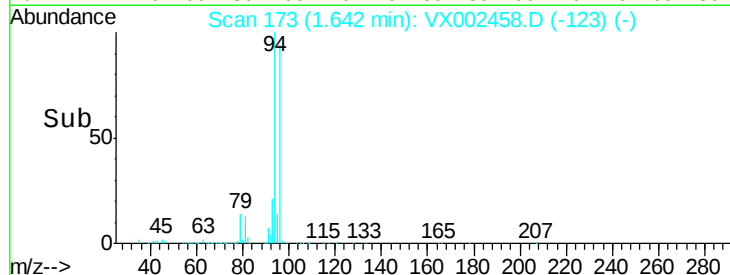
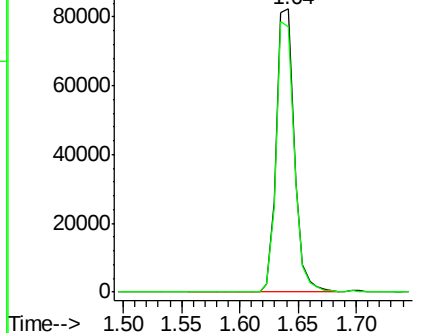
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.954 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002458.D

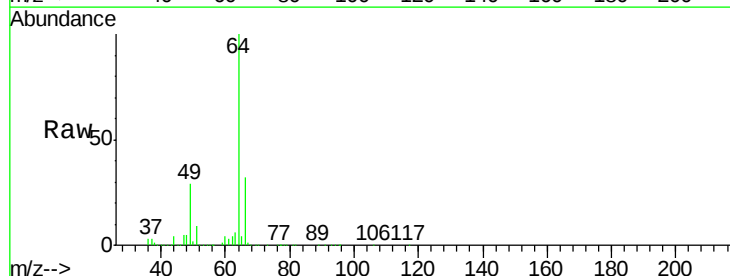
Acq: 12 Jun 2018 10:12

Tgt Ion: 64 Resp: 108899

Ion Ratio Lower Upper

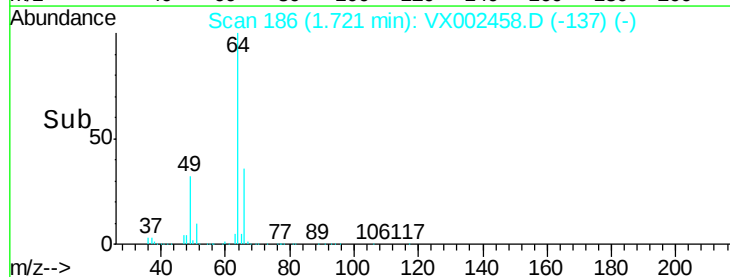
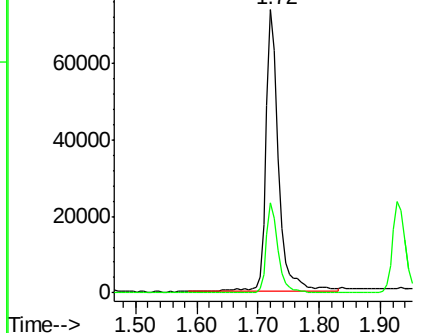
64 100

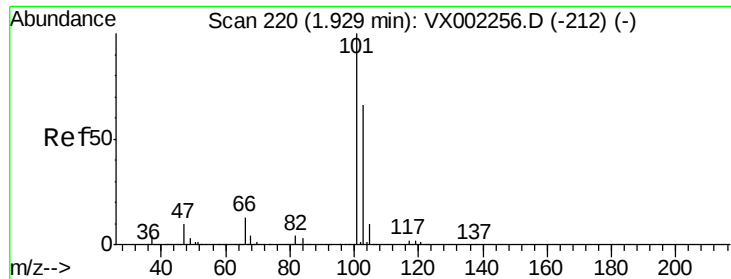
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

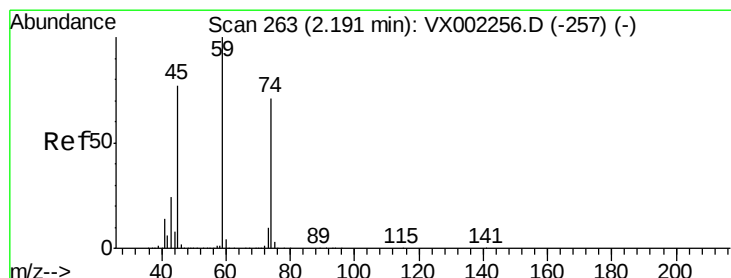
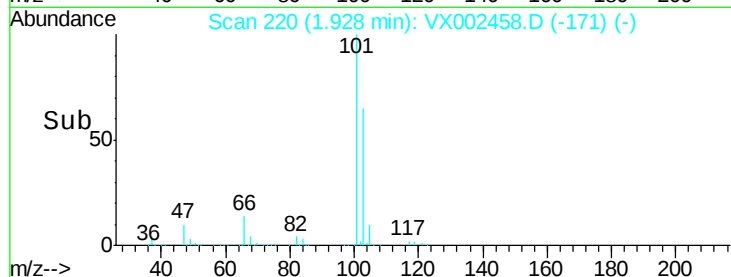
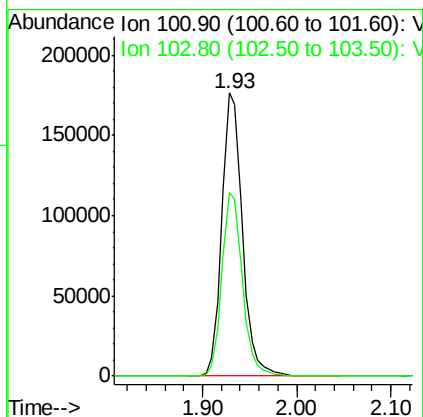
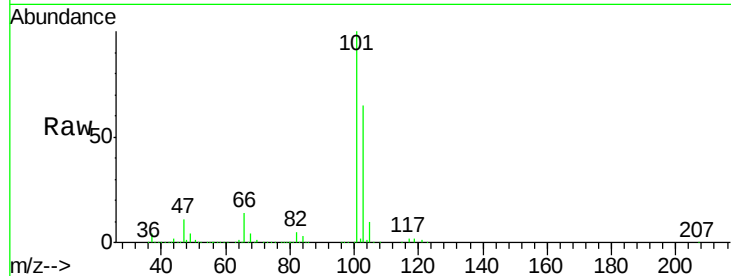
Trichlorofluoromethane
Concen: 57.238 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.8	79.2

Manual Integrations
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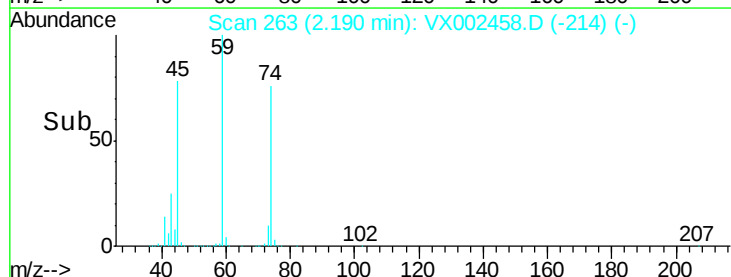
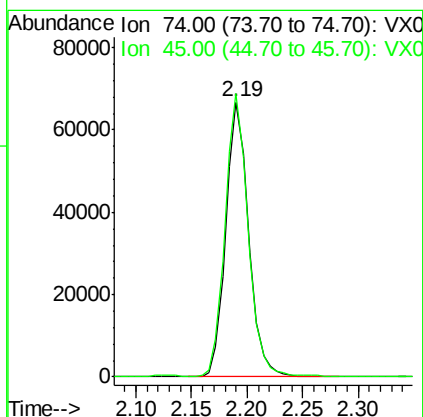
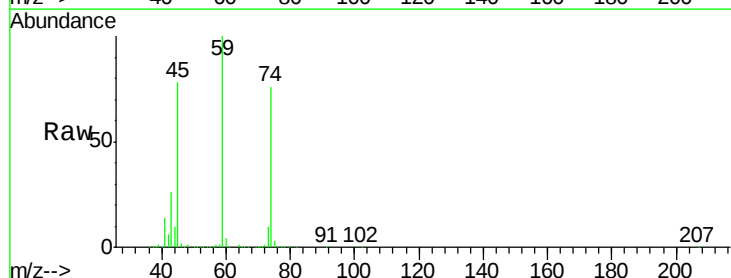
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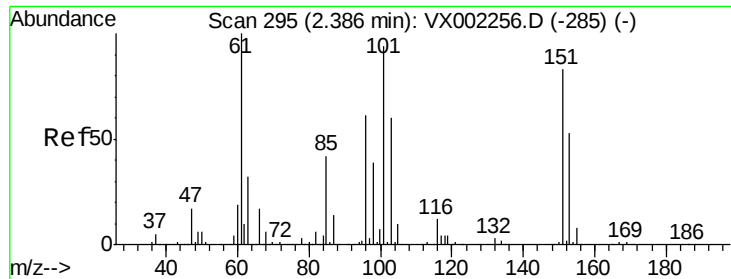


#8

Diethyl Ether
Concen: 57.743 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 62.228 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

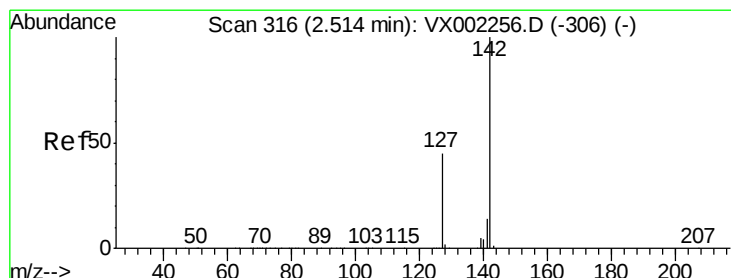
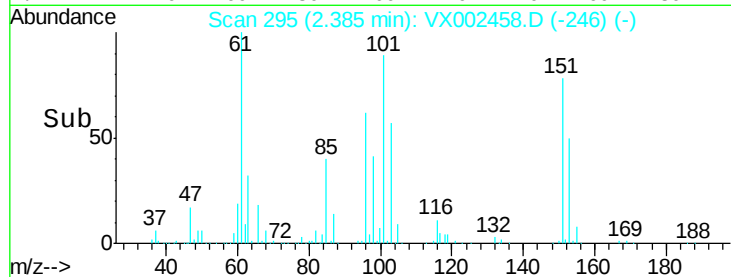
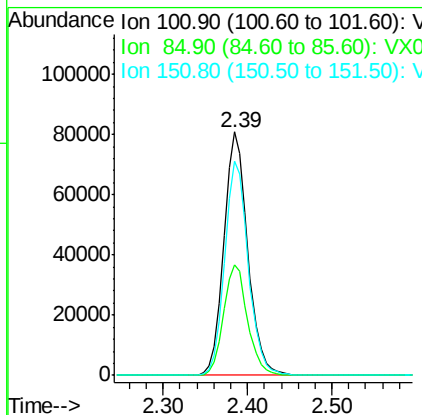
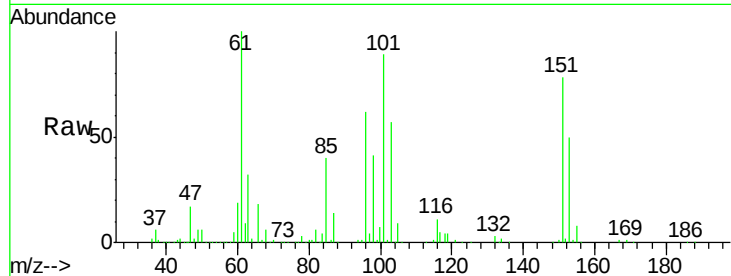
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	156739
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.0	54.0
151	87.3	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 43.550 ug/l

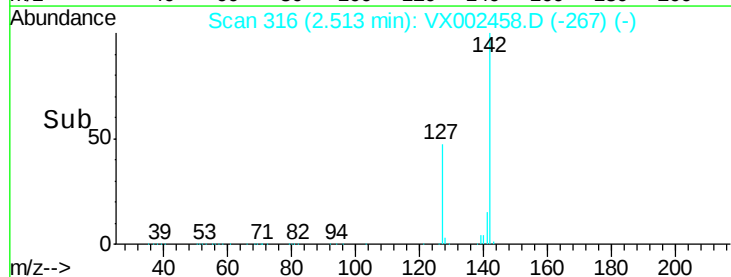
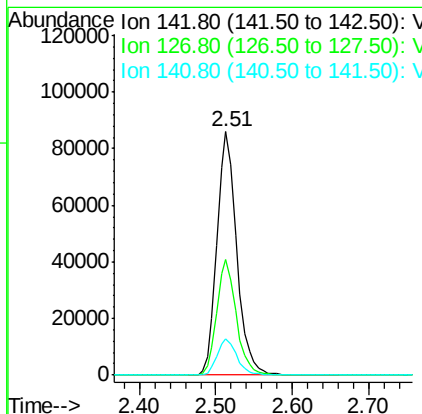
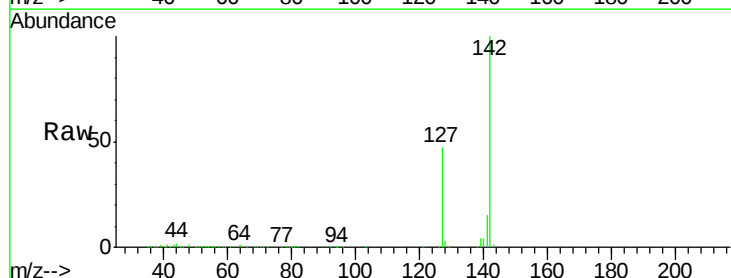
RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion:	142	Resp:	154291
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.6	55.0
141	14.8	11.3	16.9





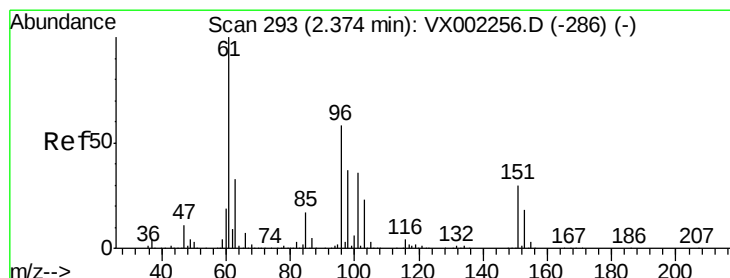
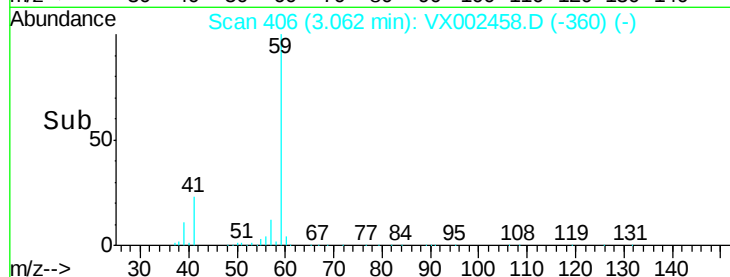
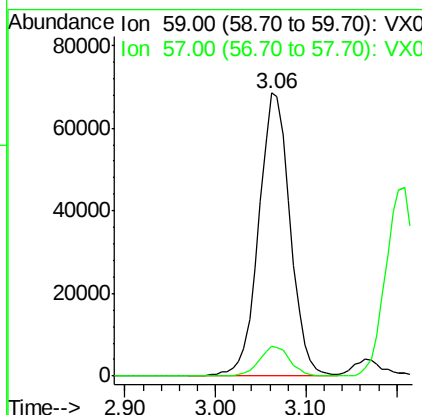
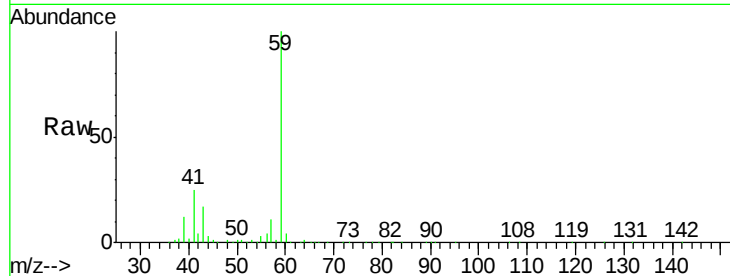
#11
Tert butyl alcohol
Concen: 239.338 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 164592
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

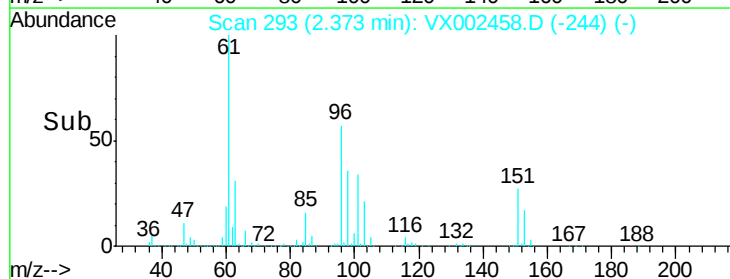
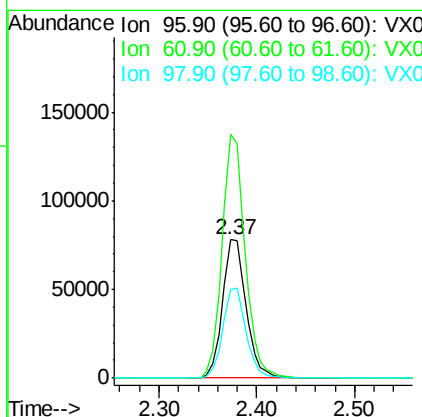
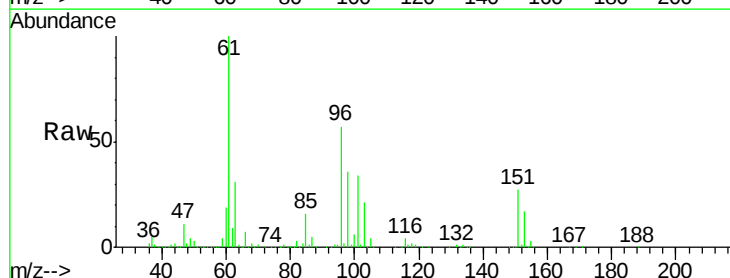
Manual Integrations
APPROVED

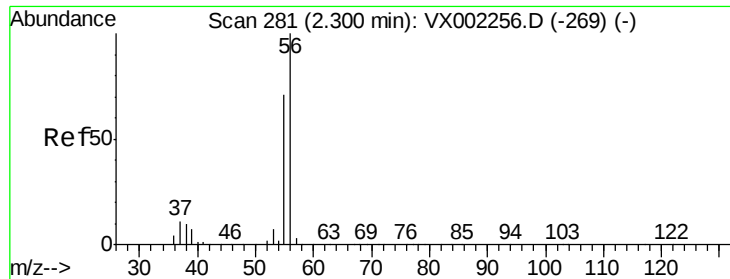
MMDadoda
6/13/2018 1:59:34 PM



#12
1,1-Dichloroethene
Concen: 52.785 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 96 Resp: 131394
Ion Ratio Lower Upper
96 100
61 176.3 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 227.629 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 75863

Ion Ratio Lower Upper

56 100

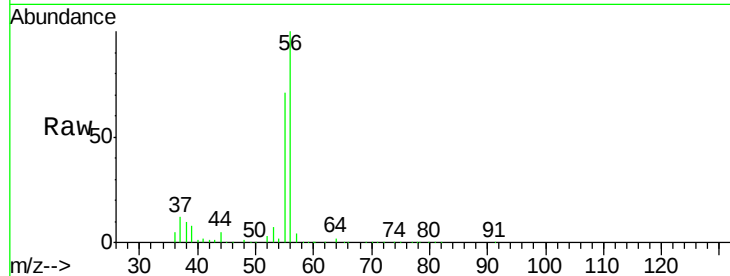
55 72.1 57.0 85.4

Manual Integrations

APPROVED

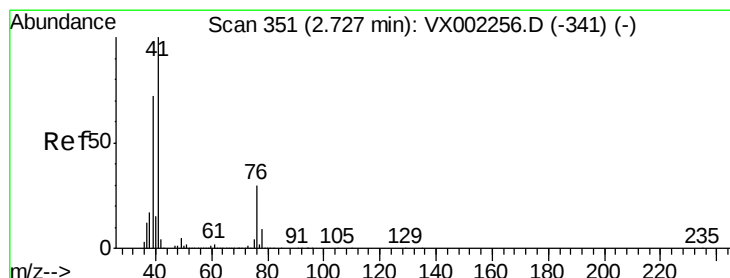
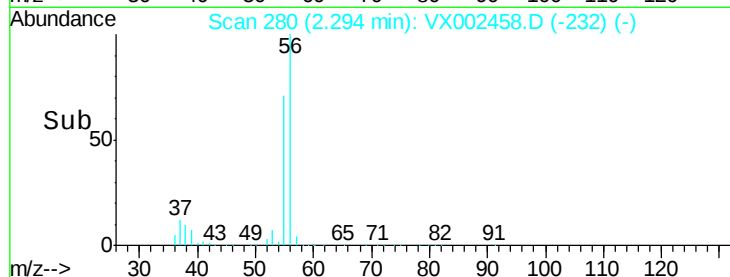
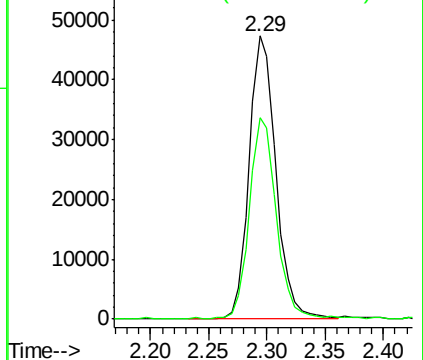
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.217 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

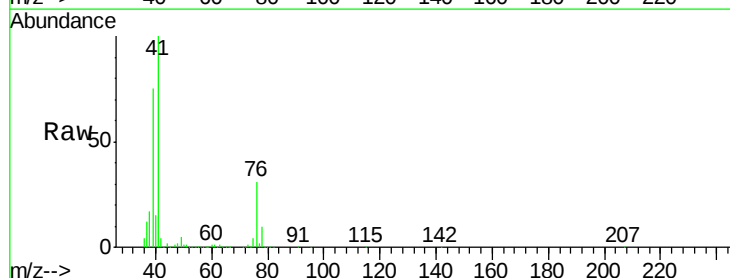
Tgt Ion: 41 Resp: 265872

Ion Ratio Lower Upper

41 100

39 73.3 56.8 85.2

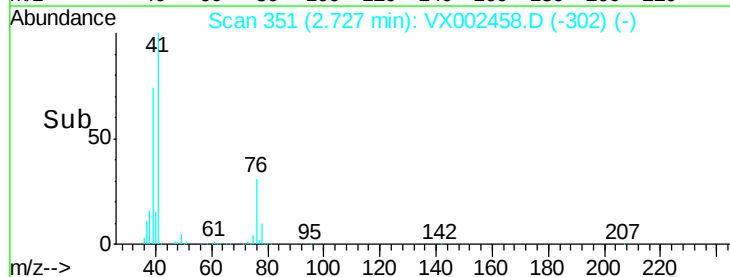
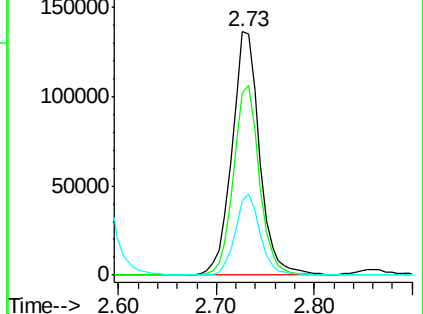
76 30.0 23.8 35.8

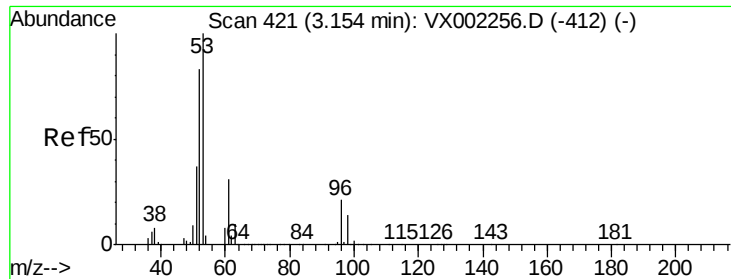


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 268.967 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

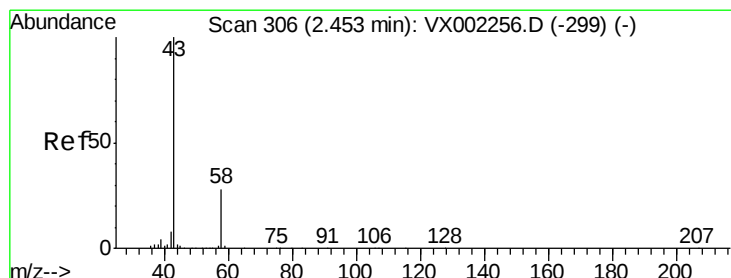
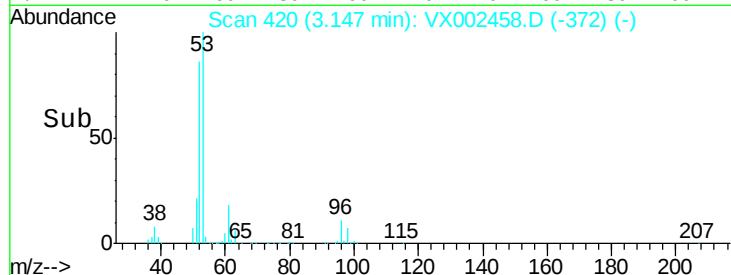
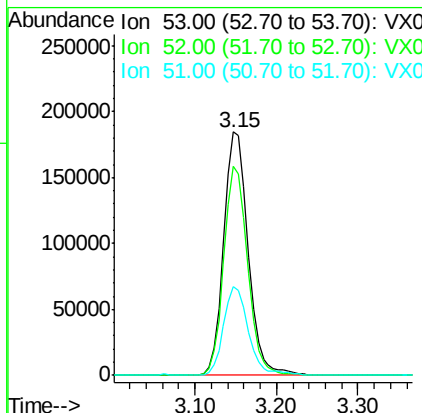
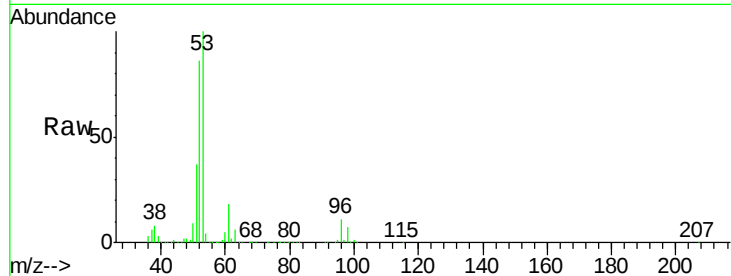
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	381716
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 340.806 ug/l

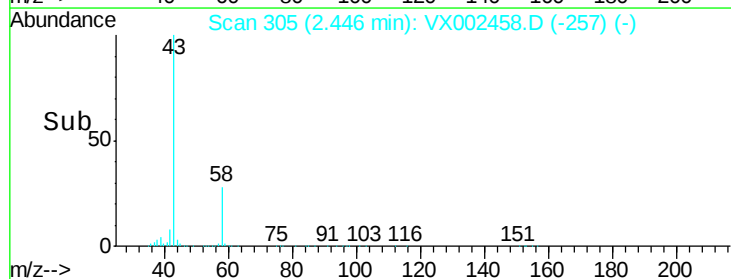
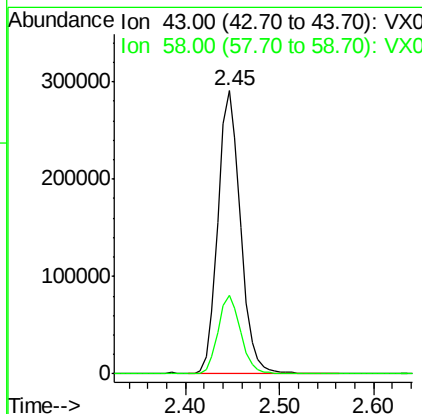
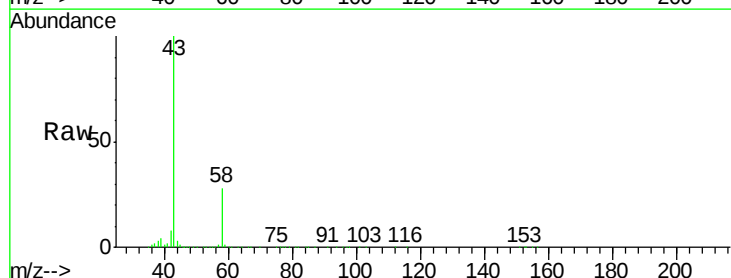
RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion:	43	Resp:	480084
Ion Ratio		Lower	Upper
43	100		
58	27.6	22.1	33.1





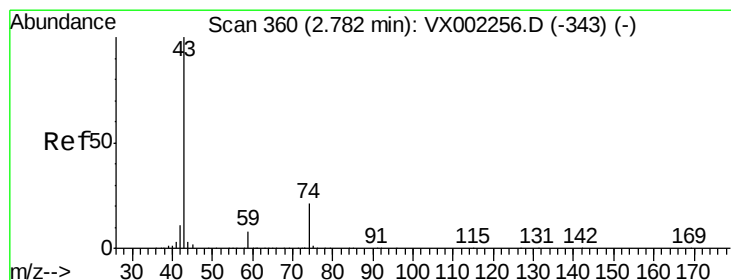
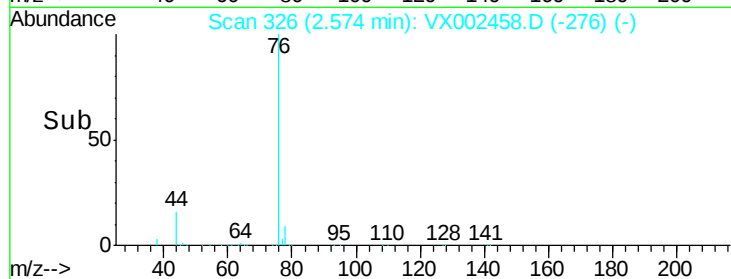
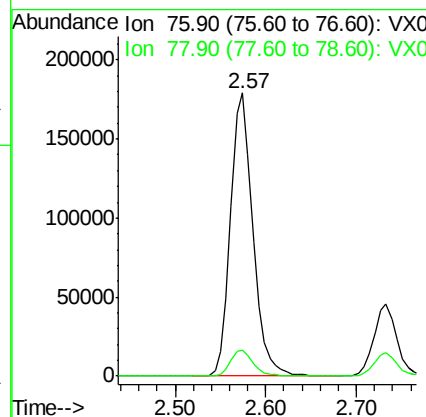
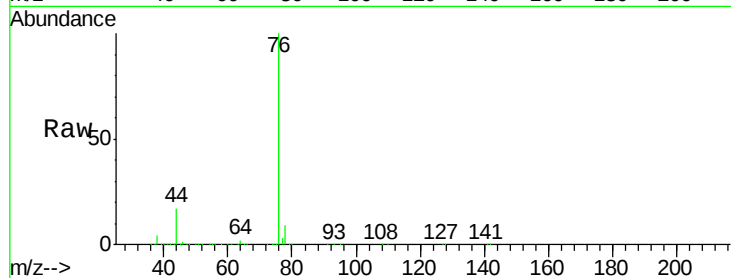
#17
Carbon Disulfide
Concen: 46.875 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	307533		
78	9.3		6.9	10.3

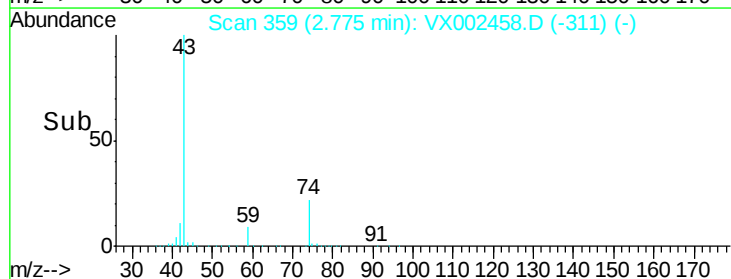
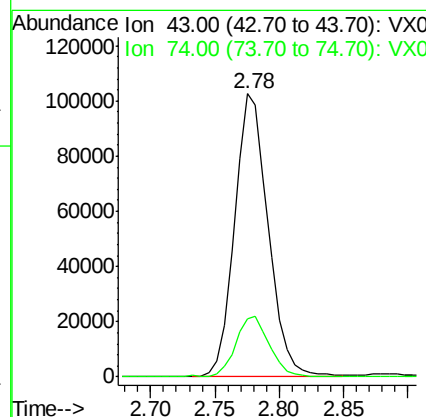
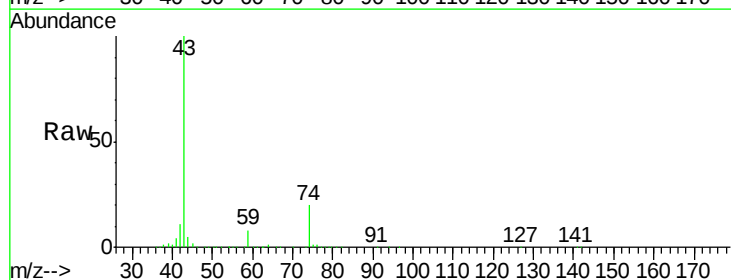
Manual Integrations
APPROVED

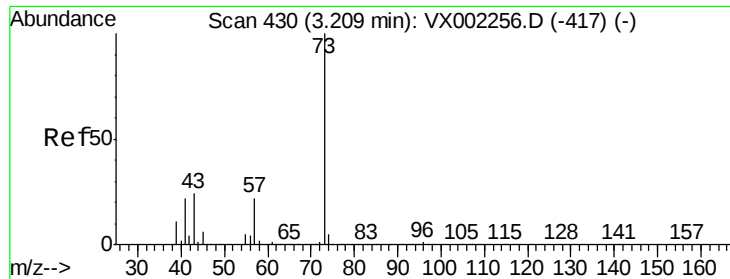
MMDadoda
6/13/2018 1:59:34 PM



#18
Methyl Acetate
Concen: 55.404 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	184614		
74	21.9		16.7	25.1





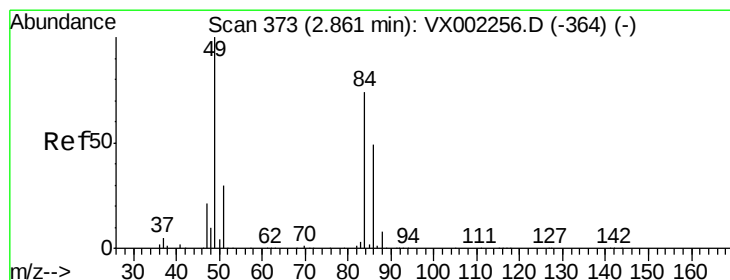
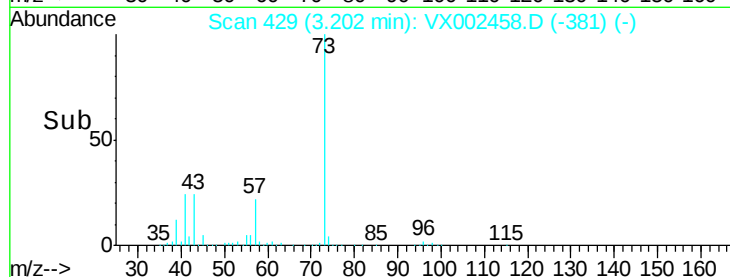
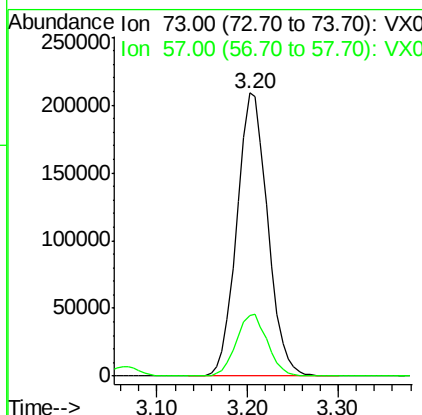
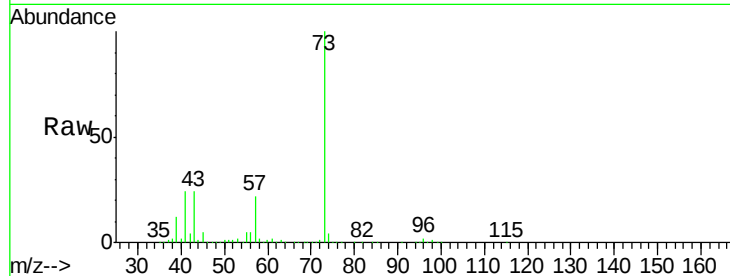
#19
Methvl tert-butvl Ether
Concen: 57.090 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 491933
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

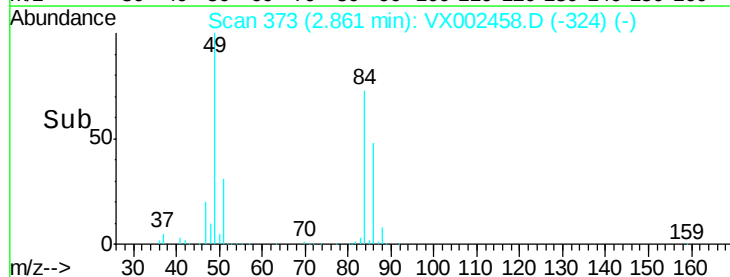
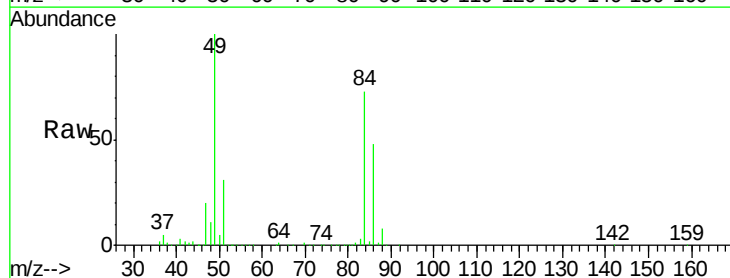
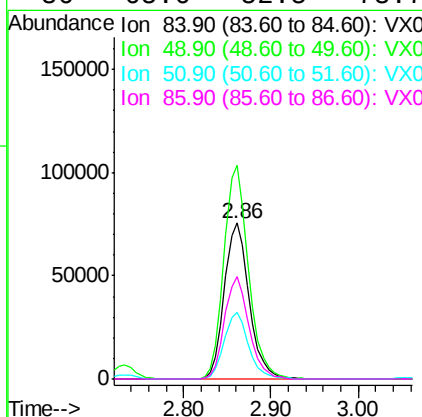
Manual Integrations
APPROVED

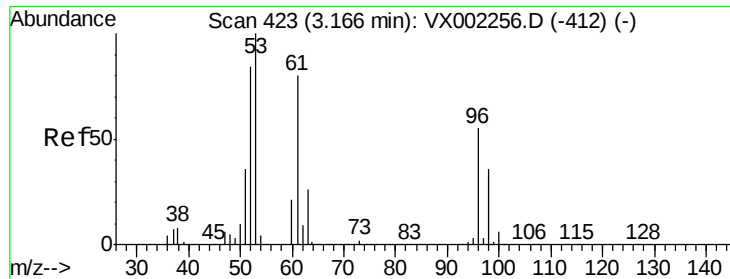
MMDadoda
6/13/2018 1:59:34 PM



#20
Methylene Chloride
Concen: 56.666 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 84 Resp: 148842
Ion Ratio Lower Upper
84 100
49 136.7 107.8 161.6
51 42.3 32.8 49.2
86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.452 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 141238

Ion Ratio Lower Upper

96 100

61 142.6 117.0 175.4

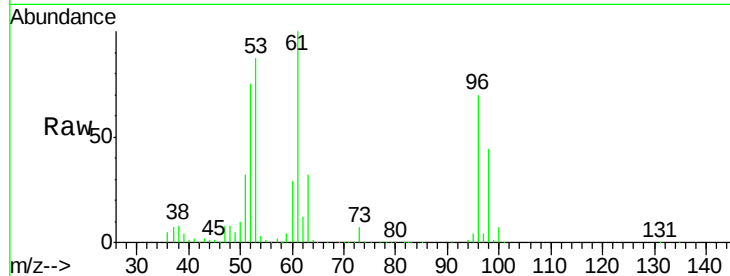
98 62.2 52.4 78.6

Manual Integrations

APPROVED

MMDadoda

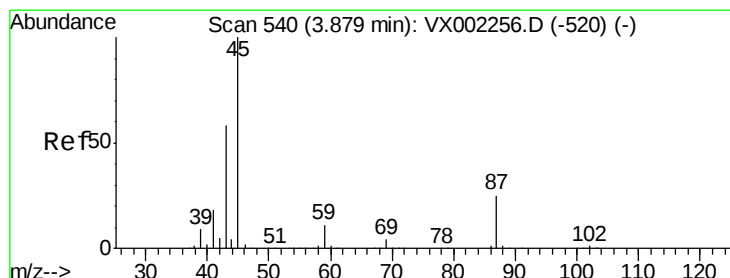
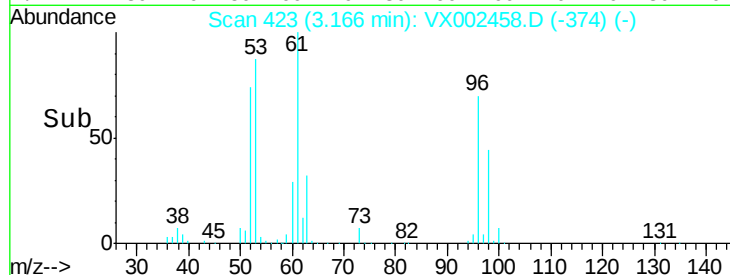
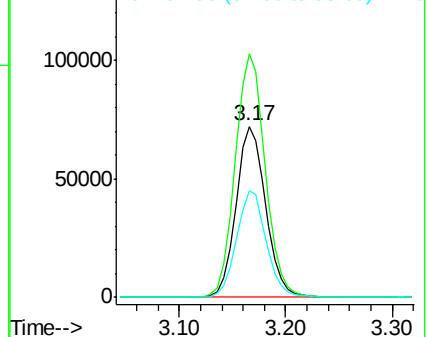
6/13/2018 1:59:34 PM



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



#22

Diisopropyl ether

Concen: 59.829 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion: 45 Resp: 537306

Ion Ratio Lower Upper

45 100

43 61.2 46.8 70.2

87 26.2 20.2 30.4

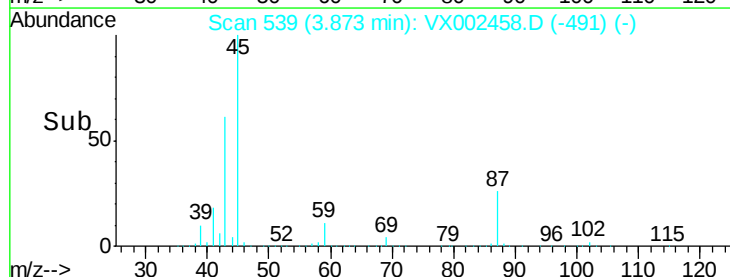
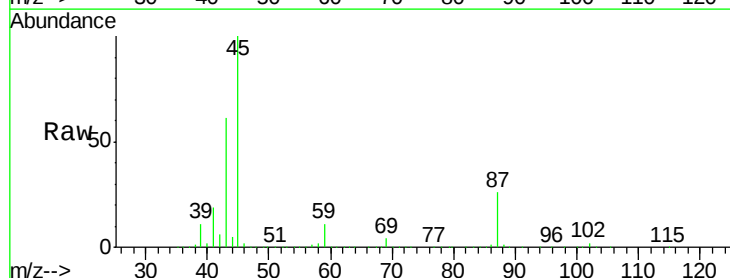
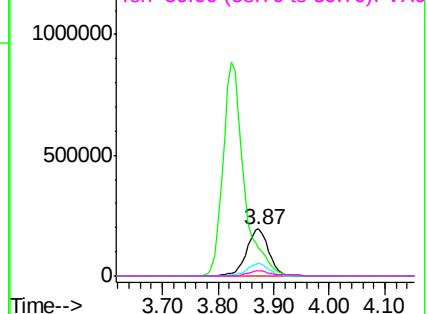
59 10.9 8.7 13.1

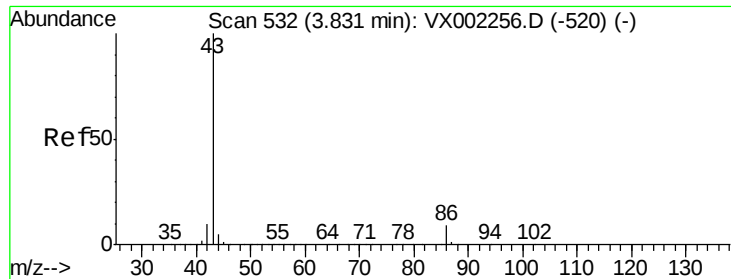
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.995 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2303109

Ion Ratio Lower Upper

43 100

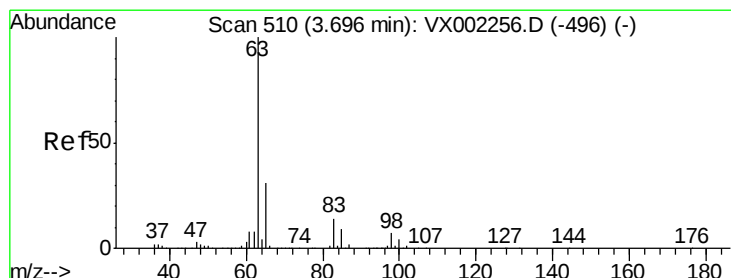
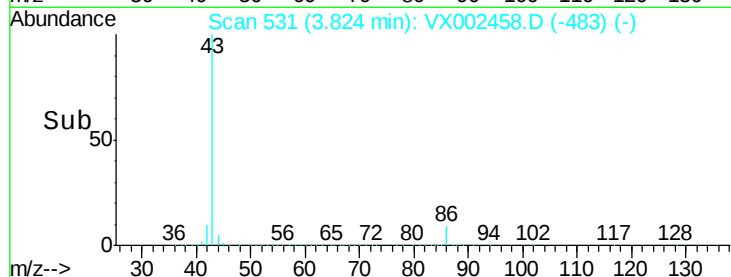
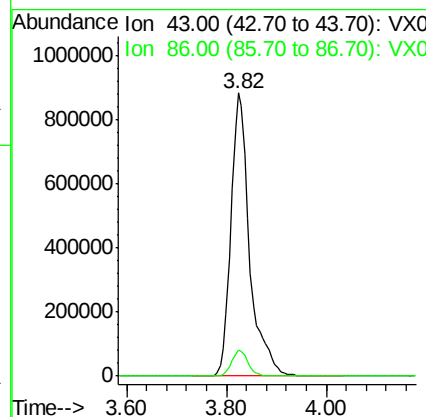
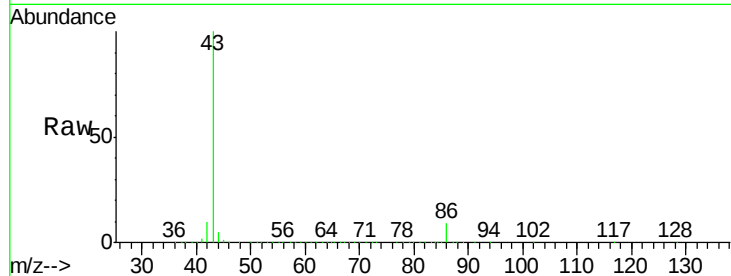
86 9.1 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.566 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

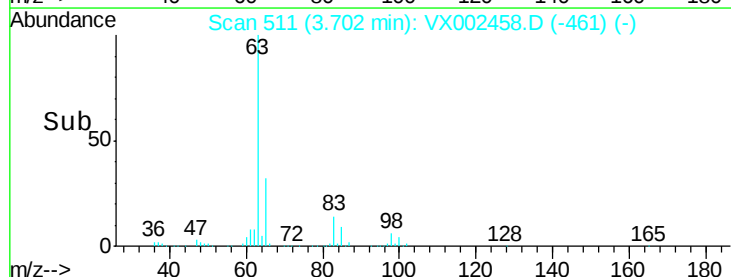
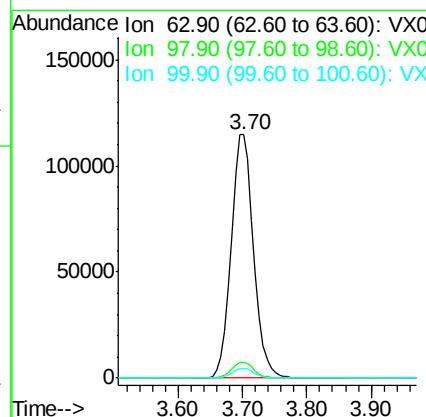
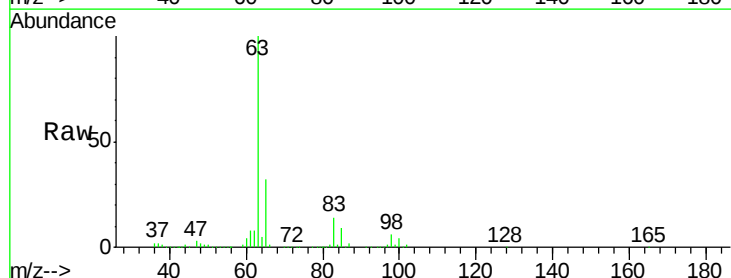
Tgt Ion: 63 Resp: 280656

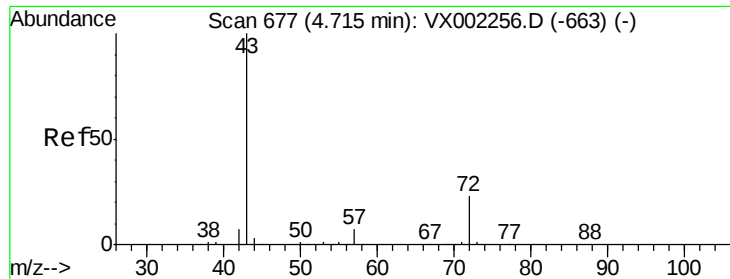
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 235.677 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 540325

Ion Ratio Lower Upper

43 100

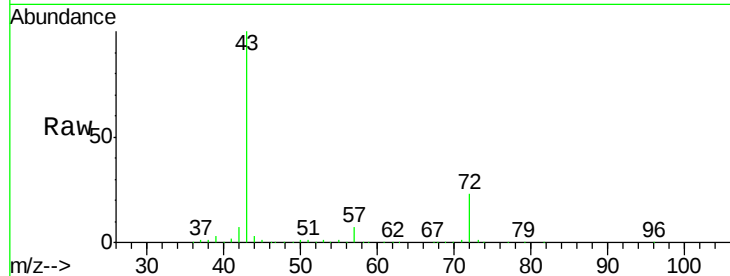
72 23.3 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:34 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

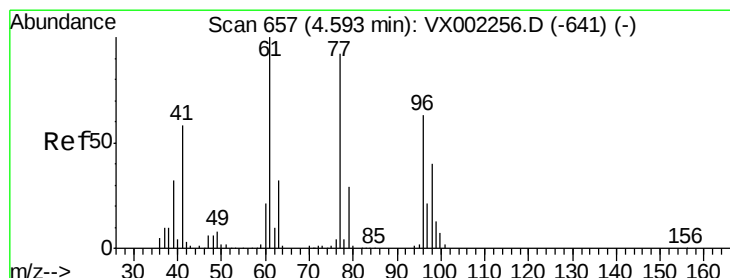
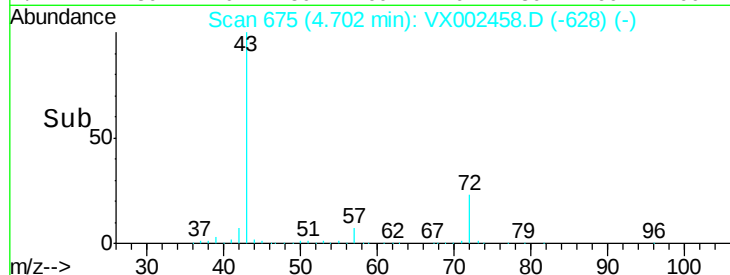
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.989 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002458.D

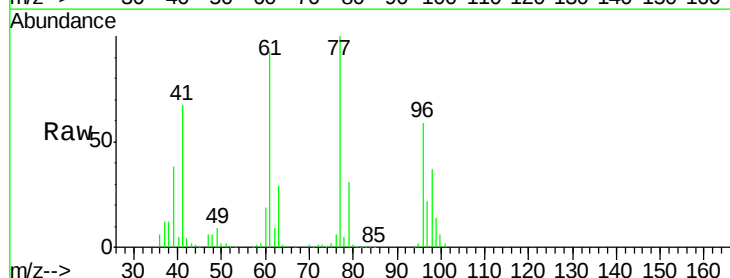
Acq: 12 Jun 2018 10:12

Tgt Ion: 77 Resp: 204456

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

4.40

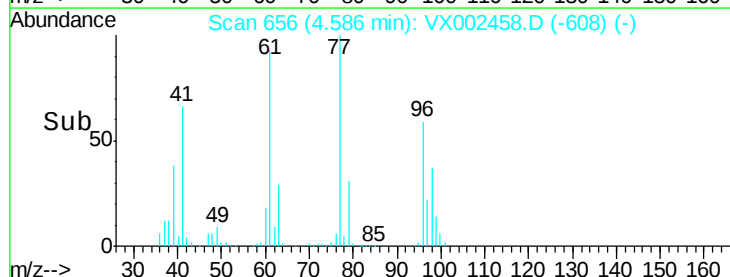
4.50

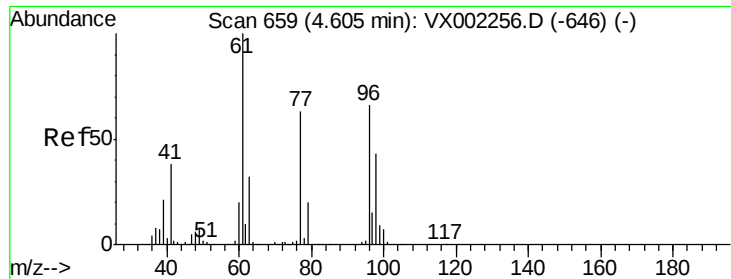
4.60

4.70

4.80

Time-->





#27

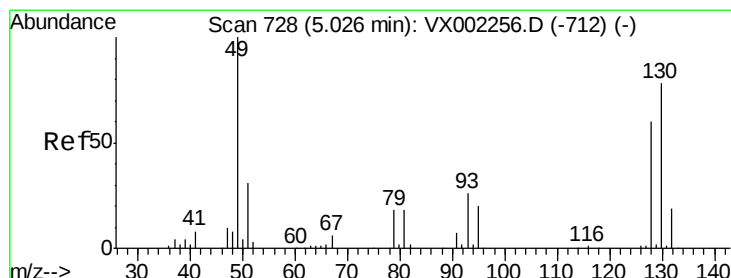
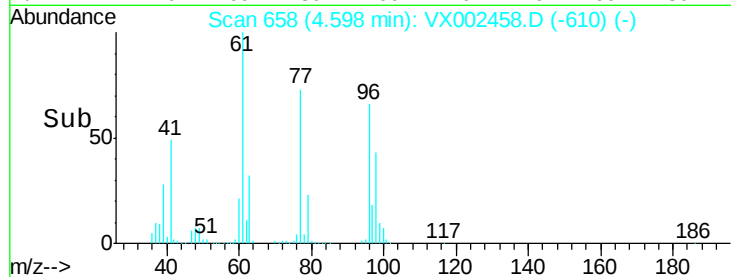
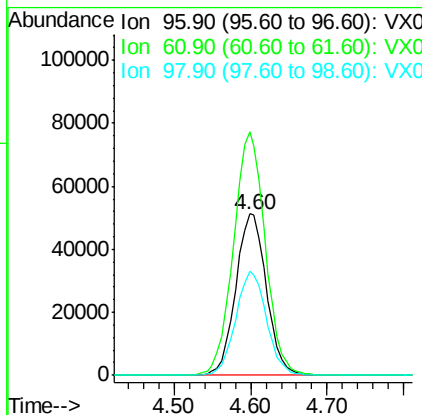
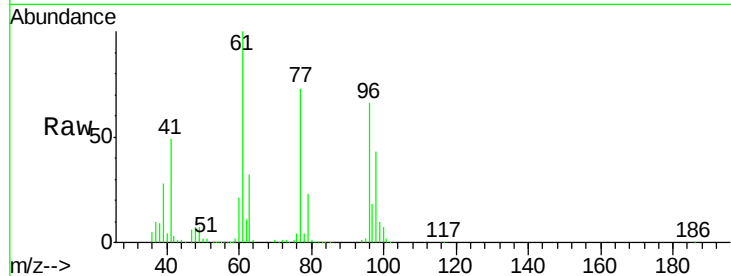
cis-1,2-Dichloroethene
Concen: 47.597 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	142090		
61	155.9	0.0	330.2	
98	64.8	0.0	130.2	

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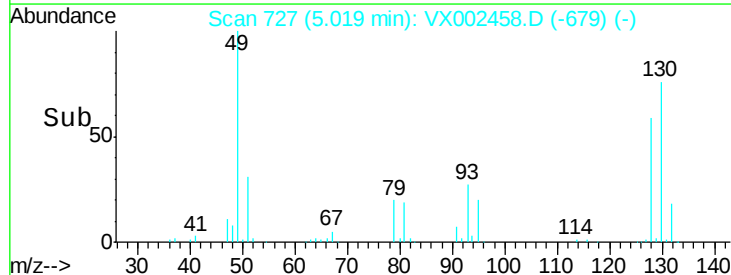
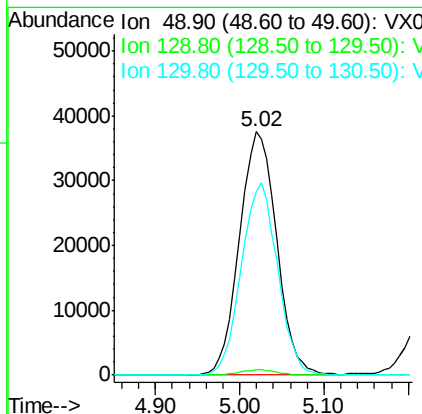
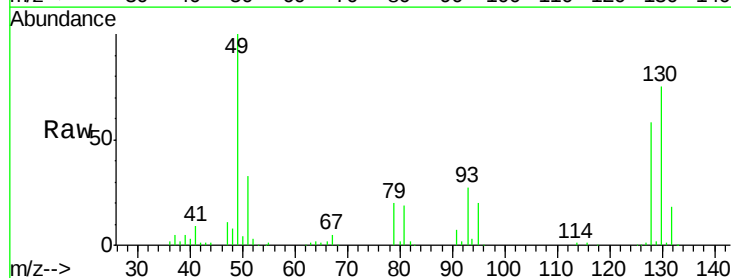
MMDadoda
6/13/2018 1:59:34 PM

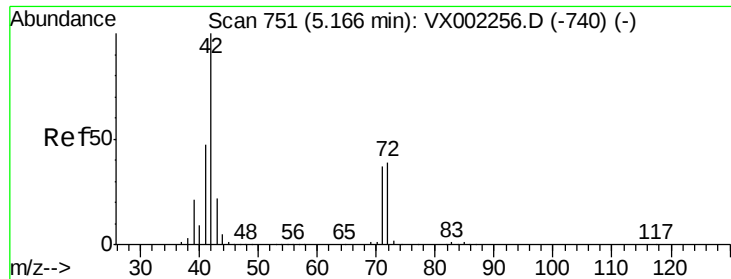


#28

Bromochloromethane
Concen: 49.739 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	112987		
129	2.1	0.0	4.2	
130	76.9	61.2	91.8	





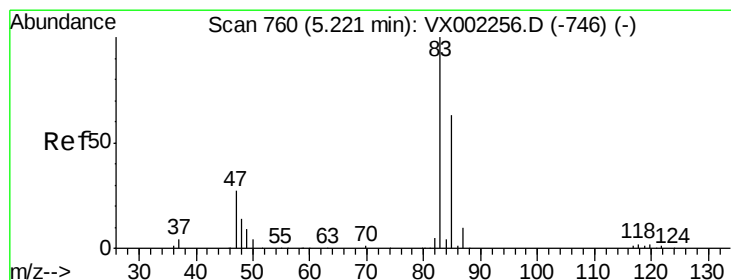
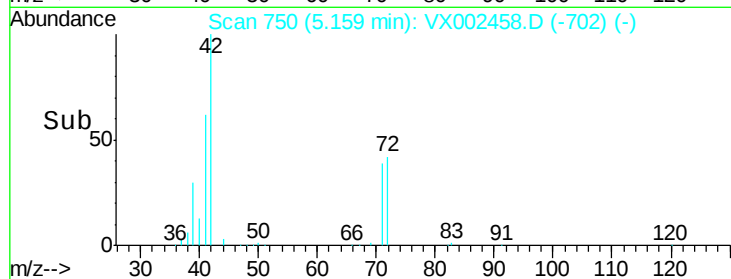
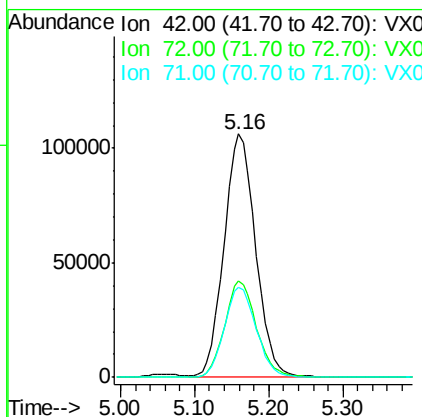
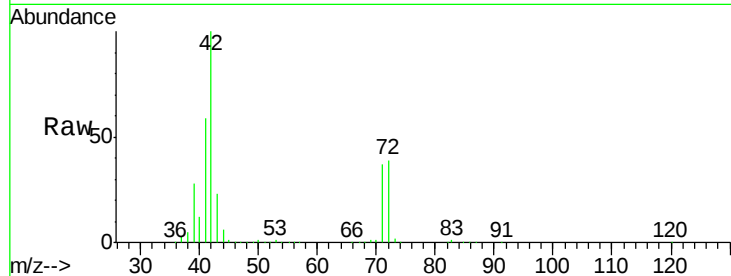
#29
Tetrahydrofuran
Concen: 212.543 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.0	48.0
71	37.6	30.1	45.1

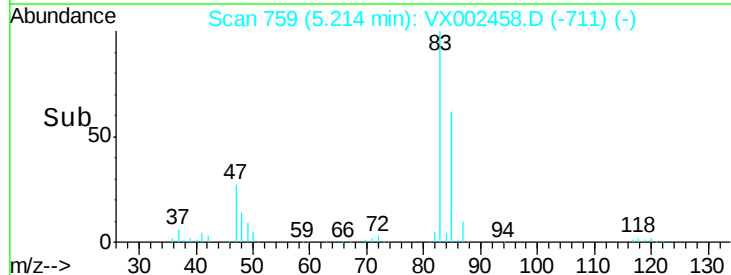
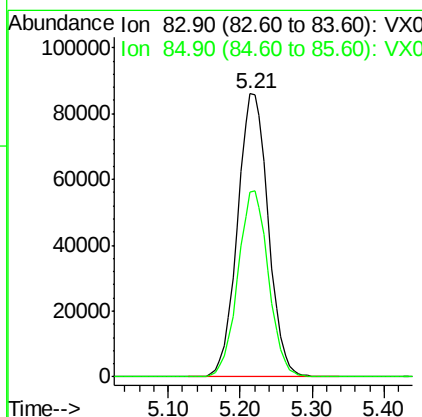
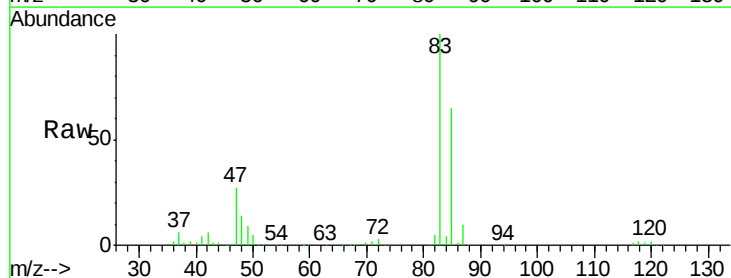
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#30
Chloroform
Concen: 49.534 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.4	75.6





#31

Cyclohexane

Concen: 51.935 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

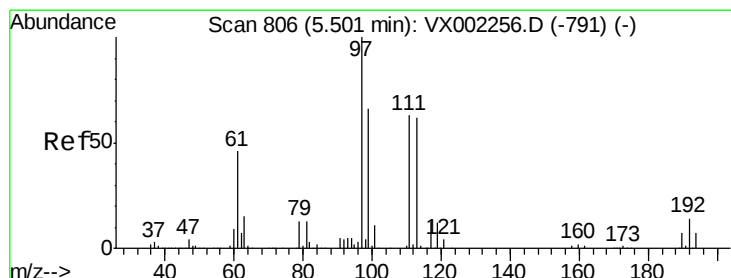
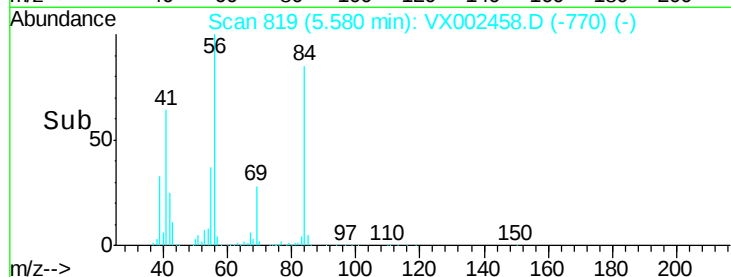
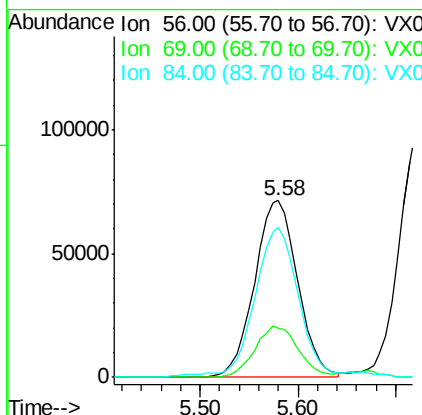
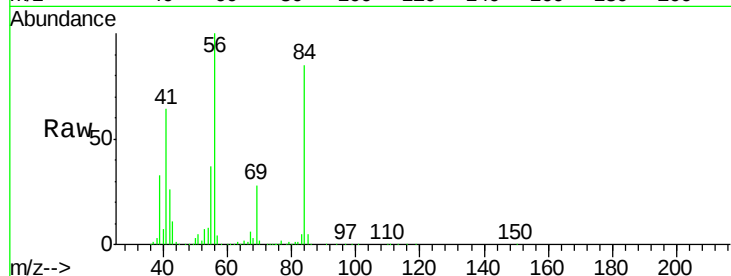
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	219267
Ion Ratio	Lower	Upper	
56	100		
69	27.7	23.7	35.5
84	83.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.118 ug/l

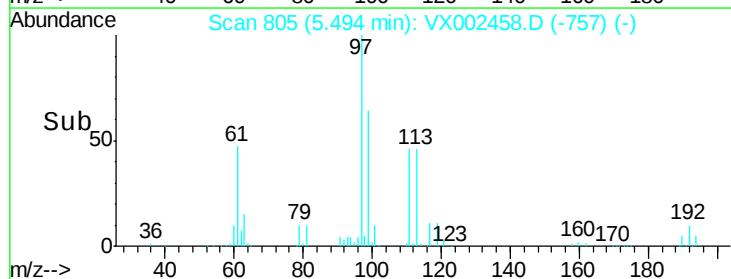
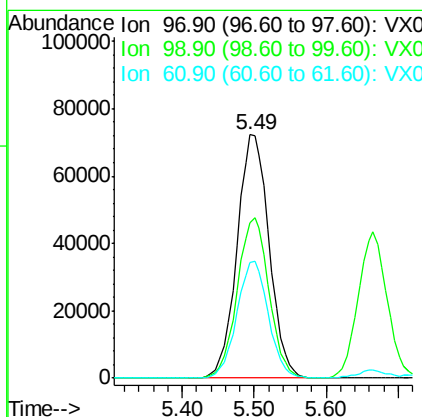
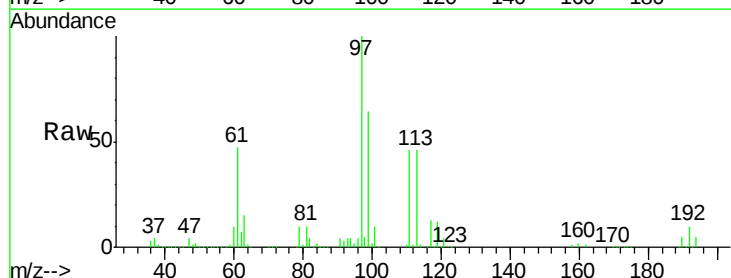
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion:	97	Resp:	223351
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.6	77.4
61	47.1	36.4	54.6





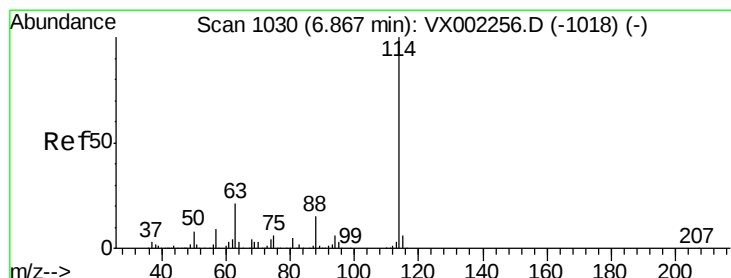
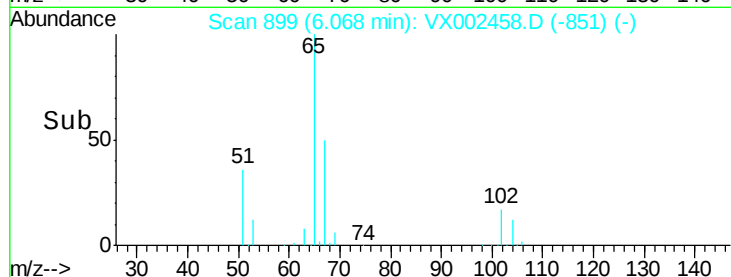
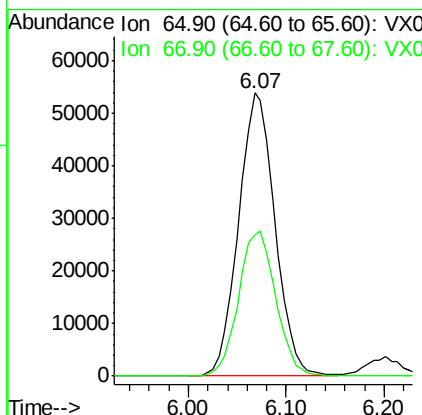
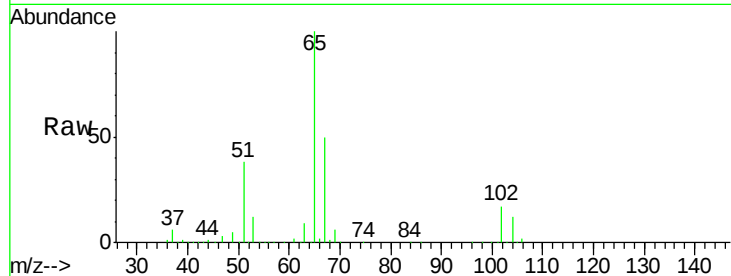
#33
 1,2-Dichloroethane-d4
 Concen: 40.969 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6

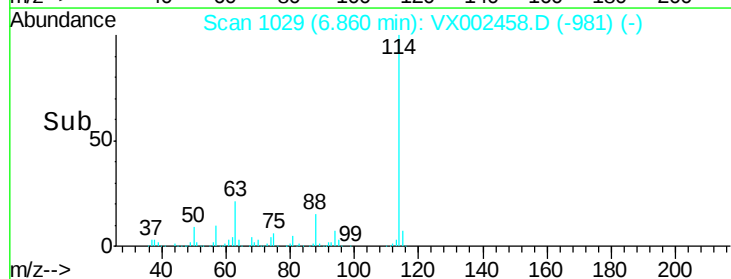
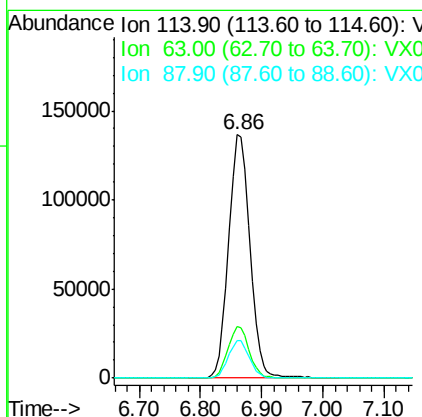
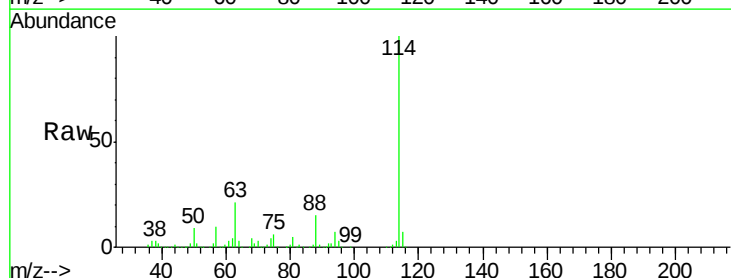
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	15.3	0.0	30.0





#35

Dibromofluoromethane

Concen: 42.930 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

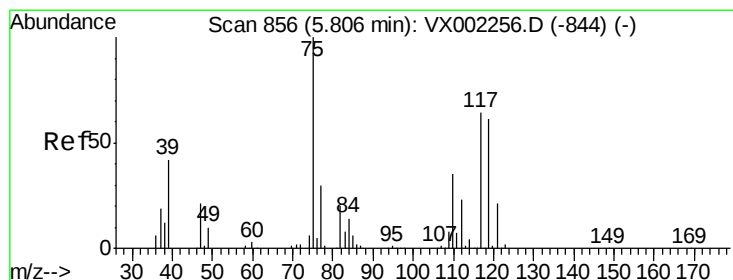
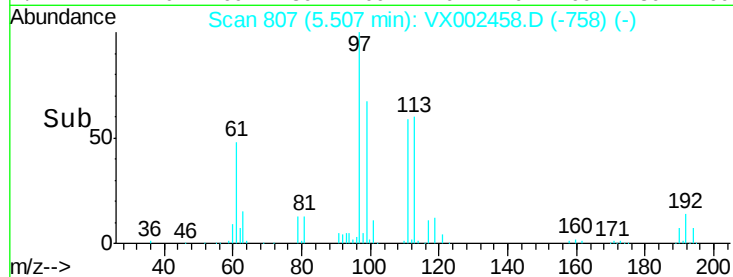
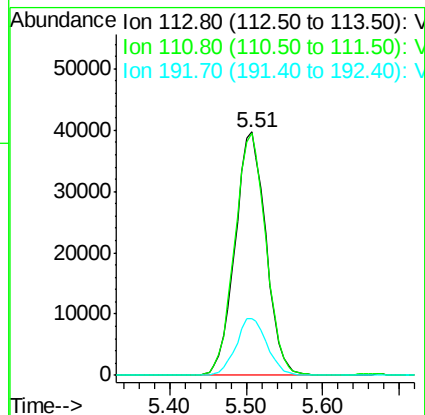
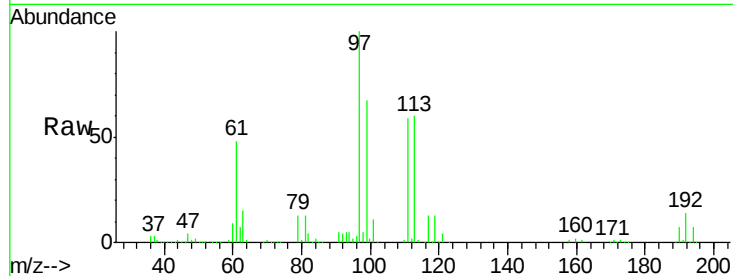
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	110653
Ion Ratio	Lower	Upper	
113	100		
111	100.7	81.4	122.0
192	23.5	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.210 ug/l

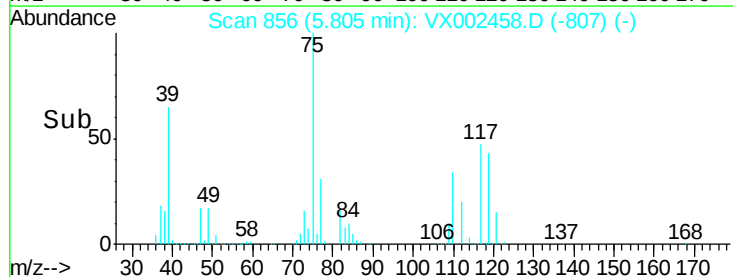
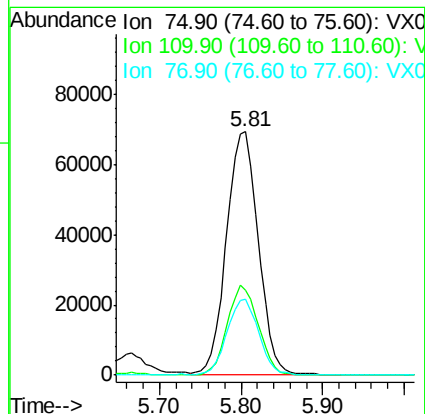
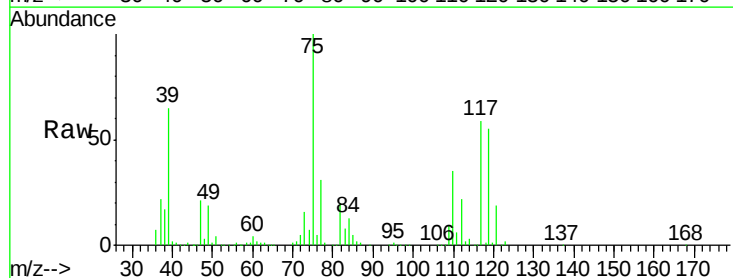
RT: 5.81 min Scan# 856

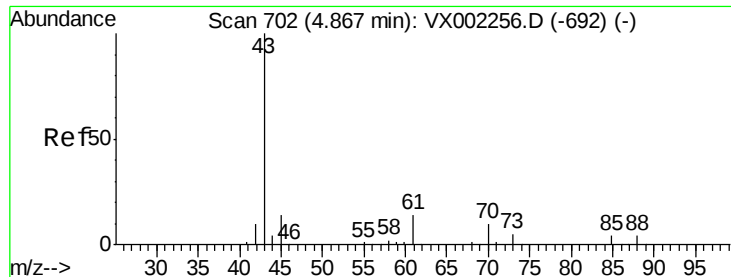
Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion:	75	Resp:	186790
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.1	54.4
77	30.6	24.3	36.5





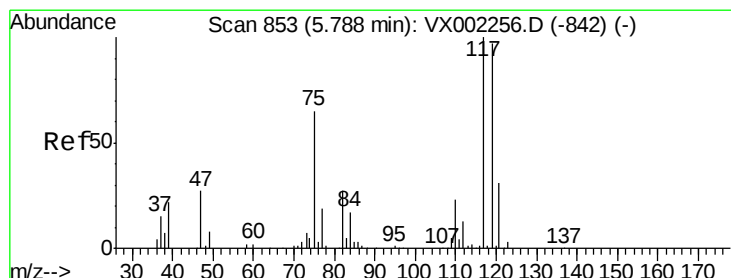
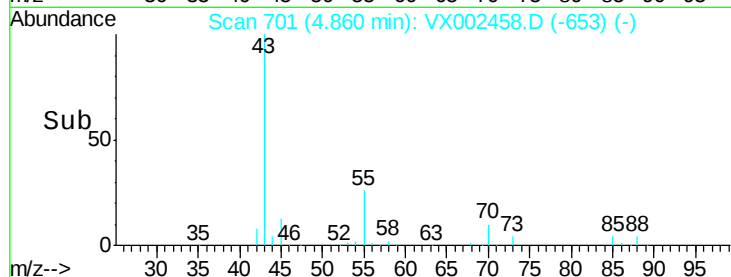
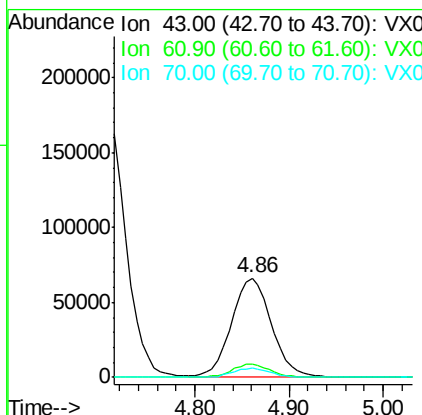
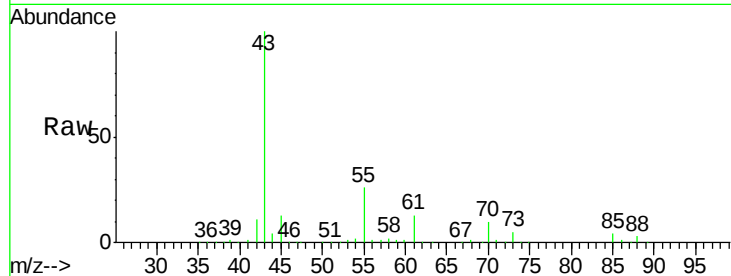
#37
Ethyl Acetate
Concen: 46.777 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.2	7.6	11.4

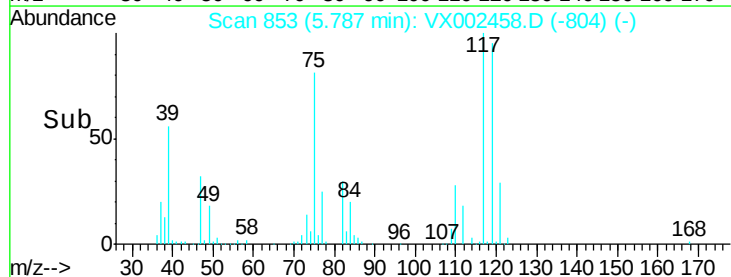
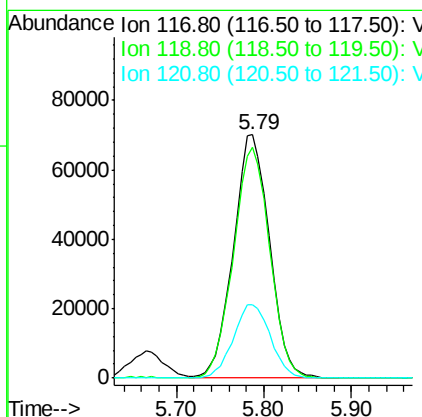
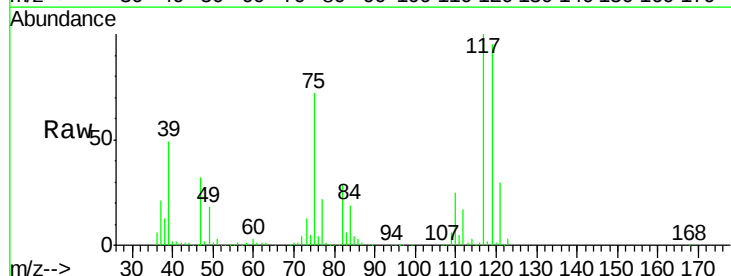
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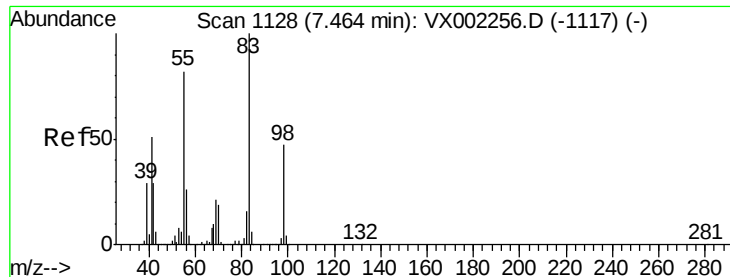
MMDadoda
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#38
Carbon Tetrachloride
Concen: 55.949 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
121	30.1	24.4	36.6





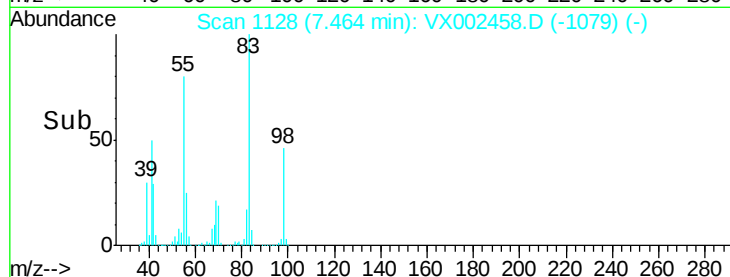
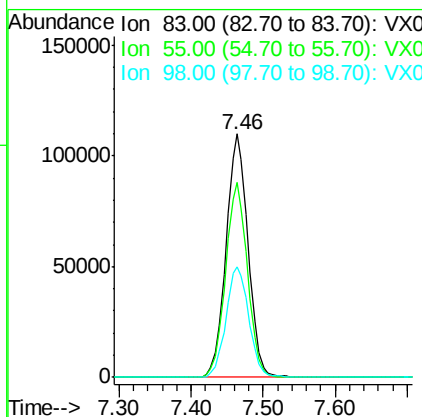
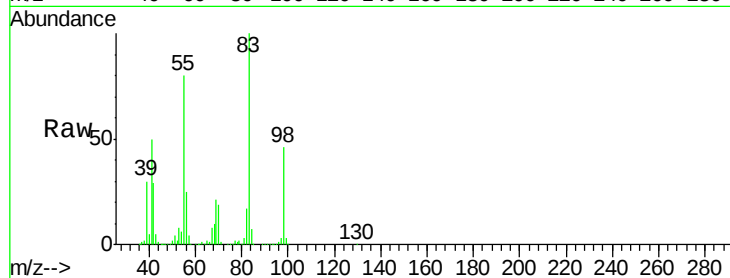
#39
Methvlcvclohexane
Concen: 54.670 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.1	65.4	98.0	
98	45.6	37.4	56.0	

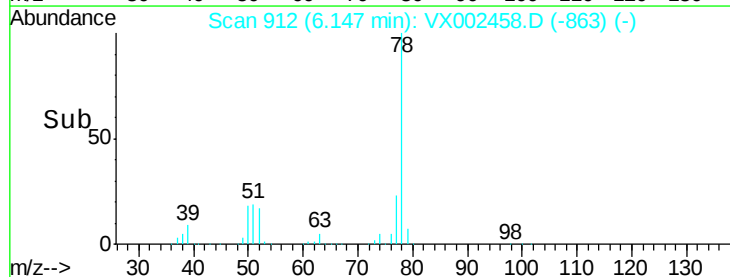
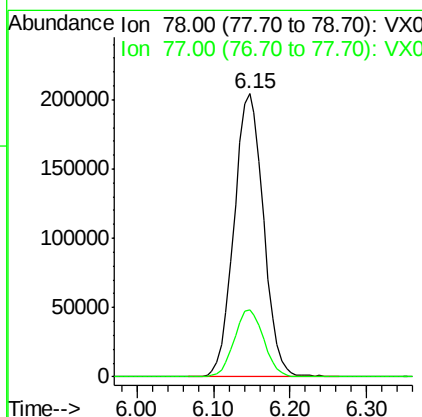
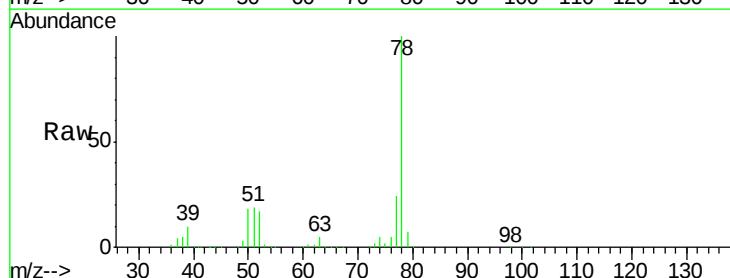
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#40
Benzene
Concen: 51.579 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	19.1	28.7	





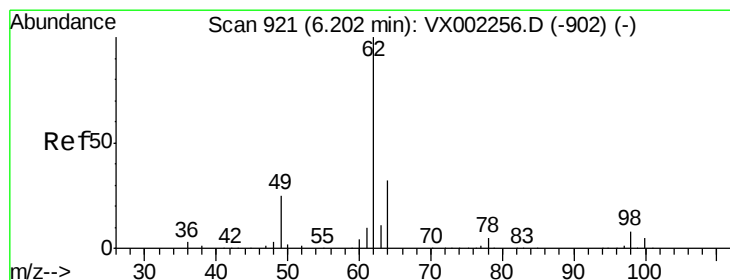
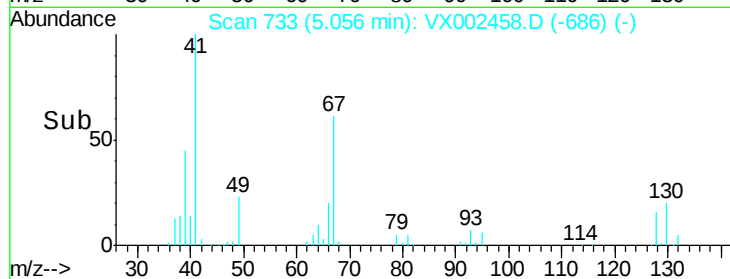
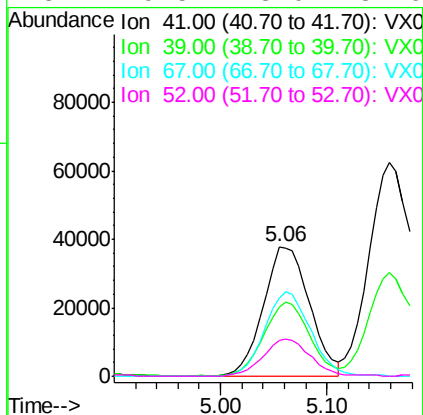
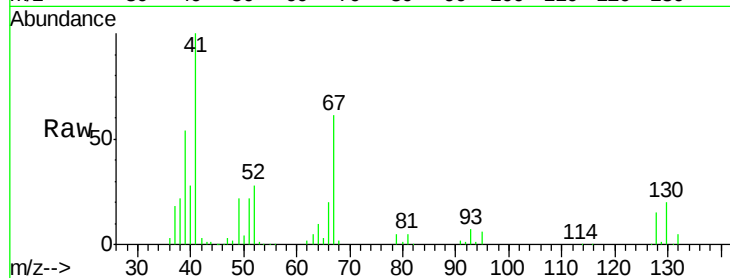
#41
Methacrylonitrile
Concen: 47.900 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		113626		
39	56.3	45.8	68.6		
67	64.8	51.3	76.9		
52	29.5	23.0	34.6		

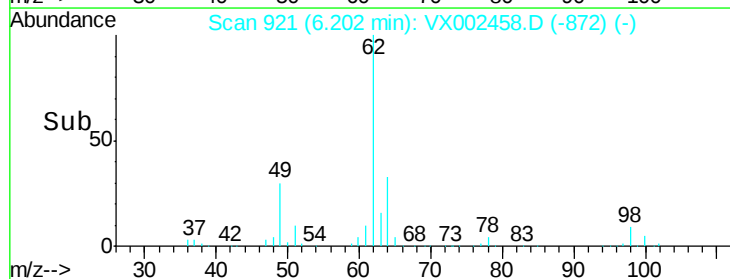
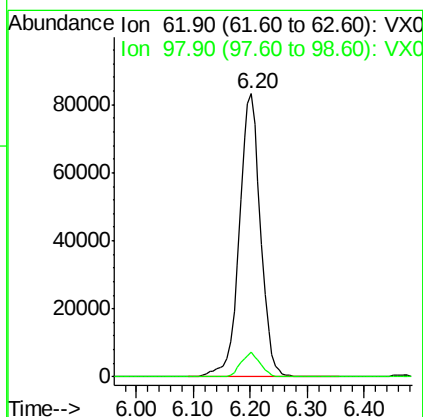
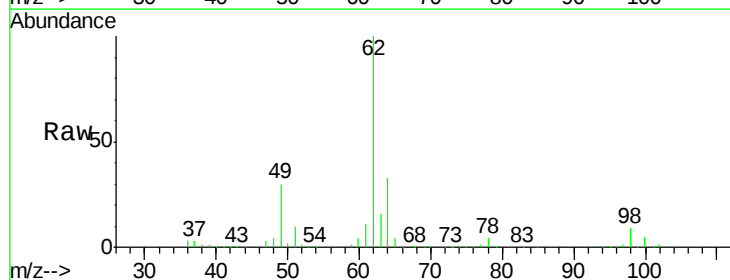
Manual Integrations
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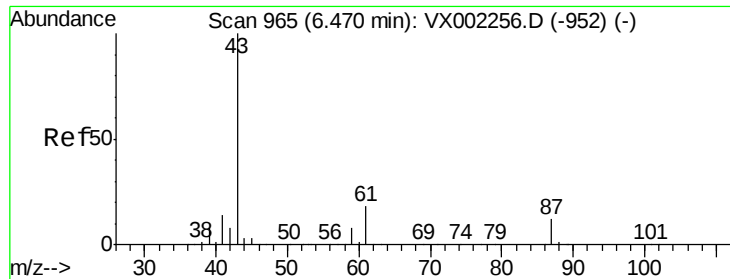
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.567 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		216455		
98	8.0	0.0	16.6		





#43

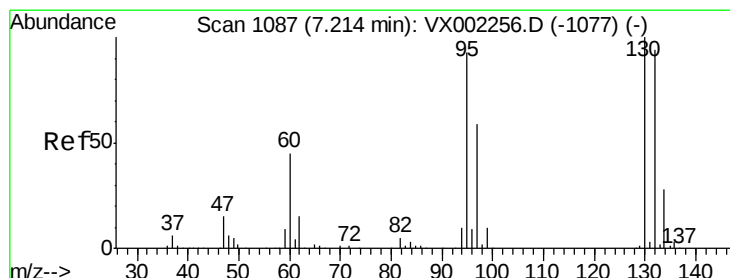
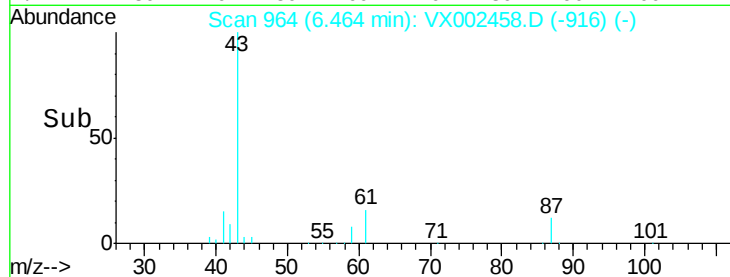
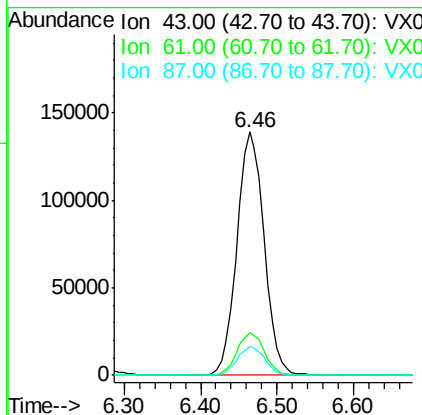
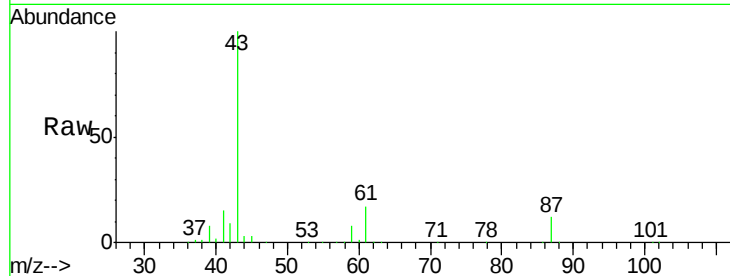
Isopropyl Acetate
 Concen: 48.610 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	11.9	9.5	14.3

Manual Integrations
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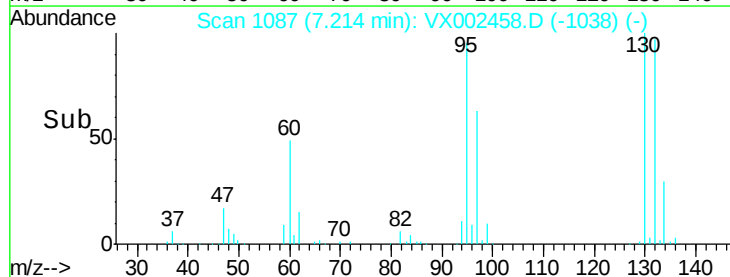
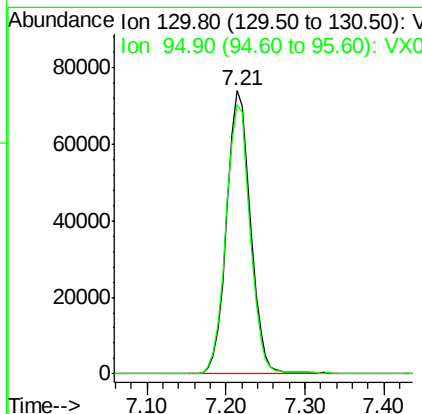
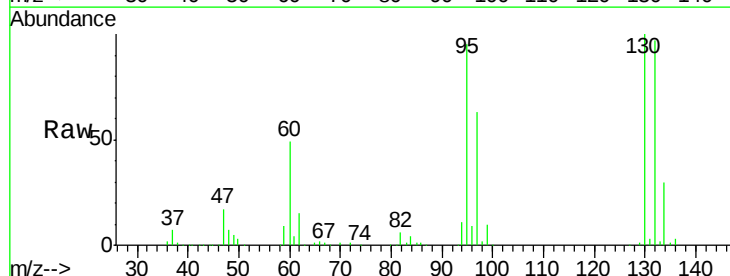
MMDadoda
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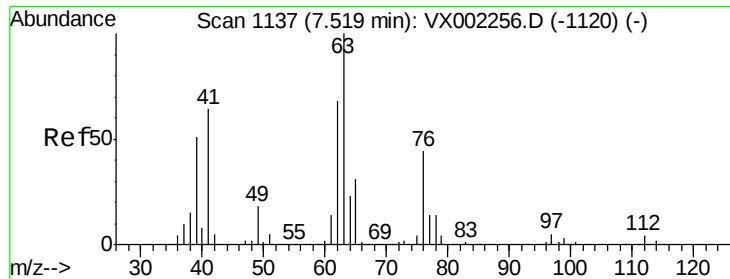


#44

Trichloroethene
 Concen: 53.378 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 51.397 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 146594

Ion Ratio Lower Upper

63 100

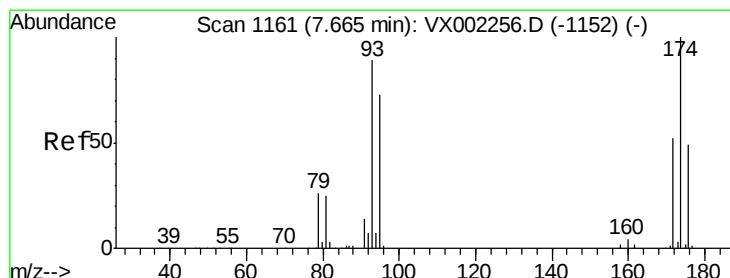
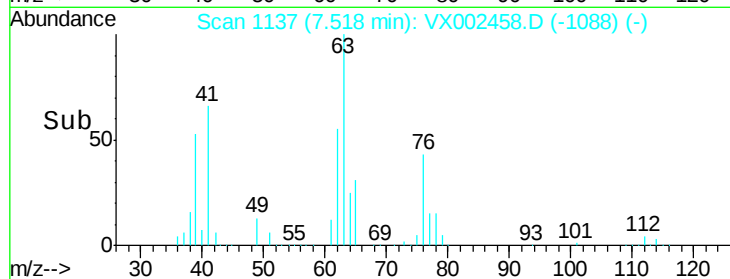
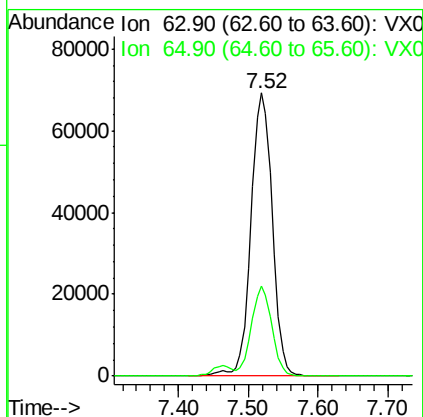
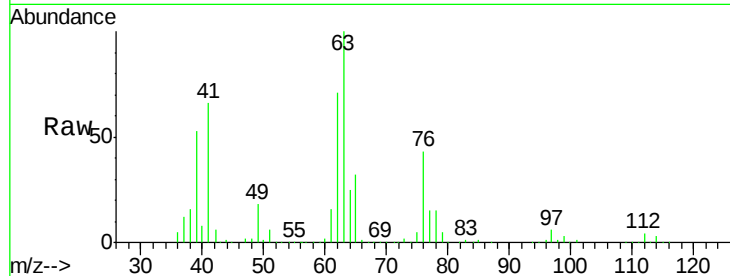
65 31.8 24.7 37.1

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#46

Dibromomethane

Concen: 50.957 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

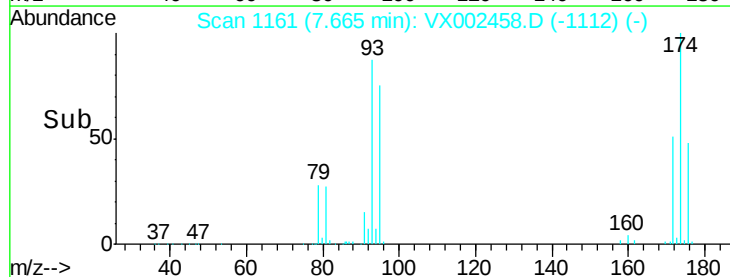
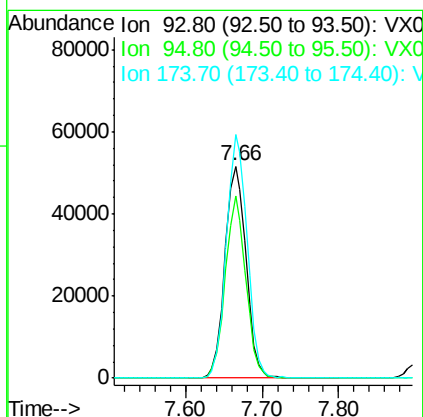
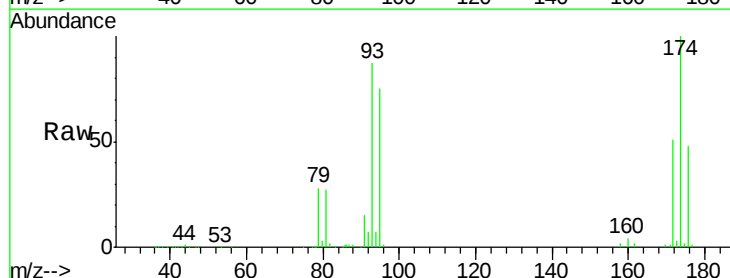
Tgt Ion: 93 Resp: 98527

Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 113.2 92.4 138.6





#47

Bromodichloromethane

Concen: 54.352 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

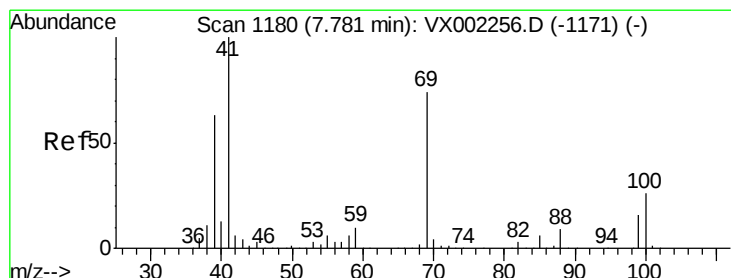
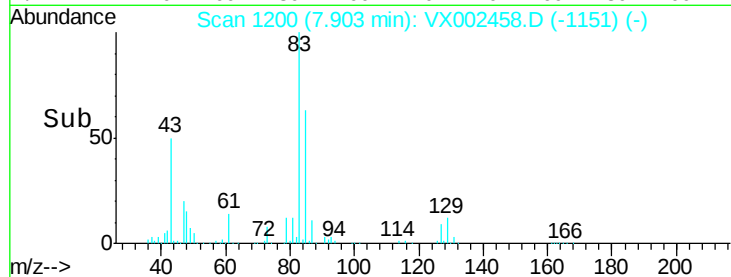
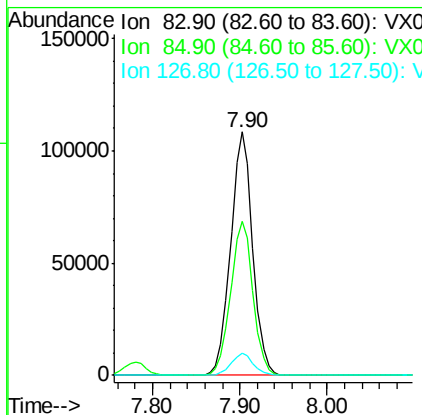
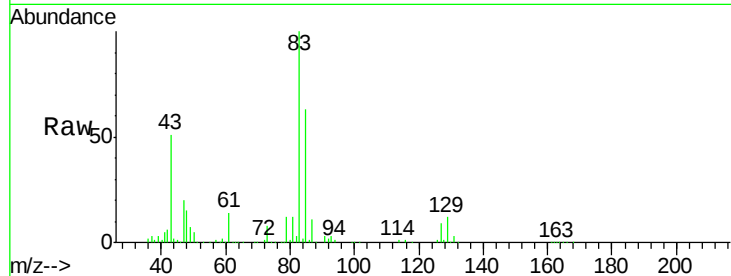
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	190067
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5
127	9.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 49.203 ug/l

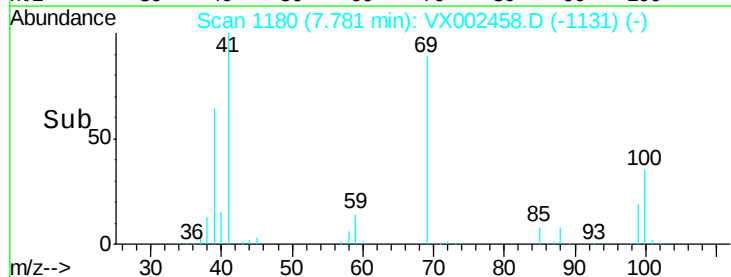
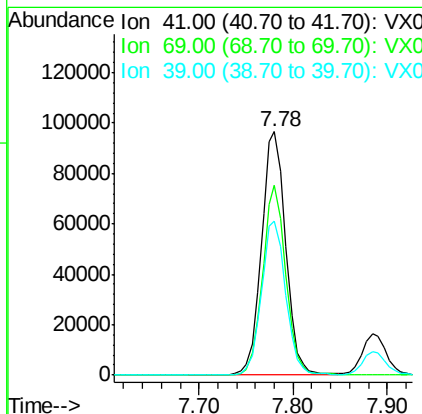
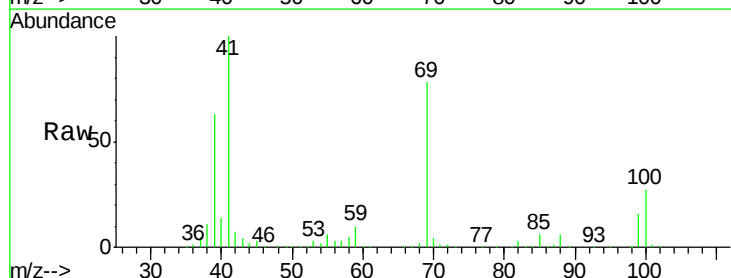
RT: 7.78 min Scan# 1180

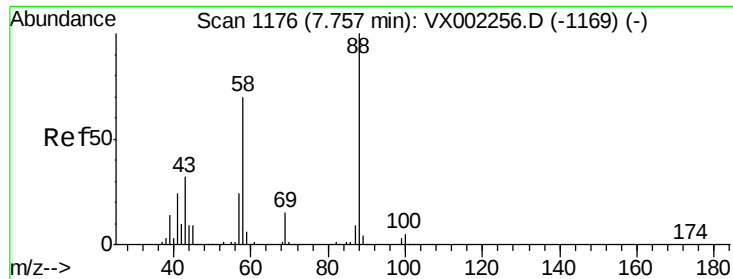
Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion:	41	Resp:	173955
Ion	Ratio	Lower	Upper
41	100		
69	75.2	59.1	88.7
39	63.1	48.9	73.3





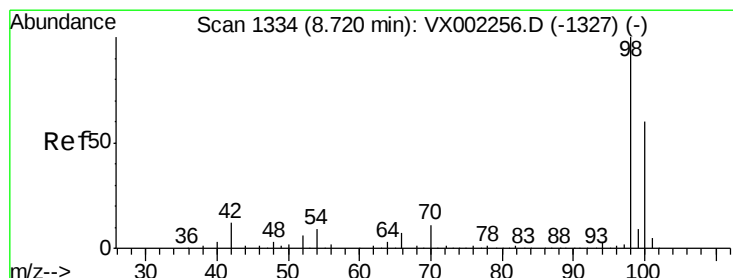
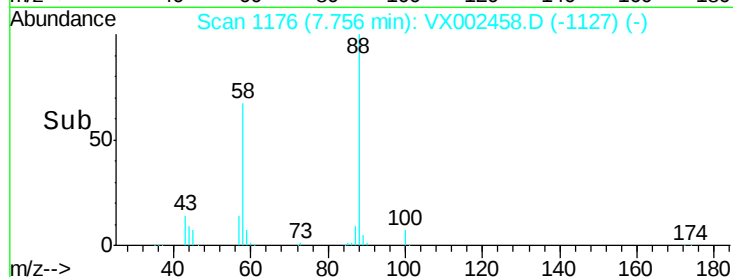
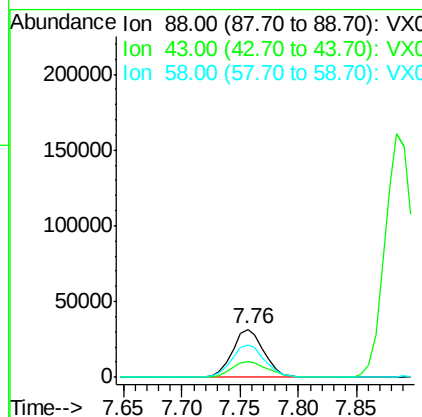
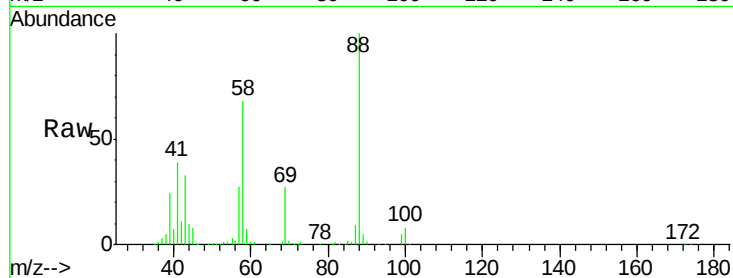
#49
1,4-Dioxane
Concen: 904.211 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.8	44.6
58	71.2	57.1	85.7

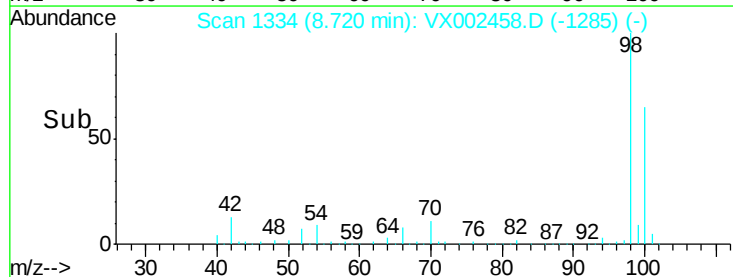
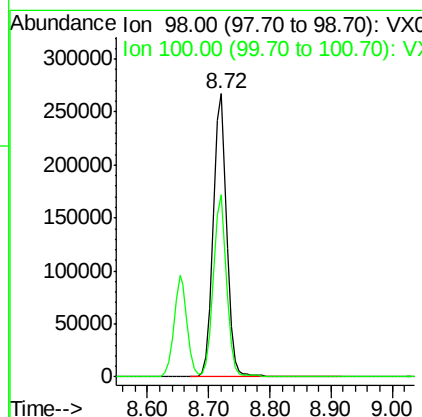
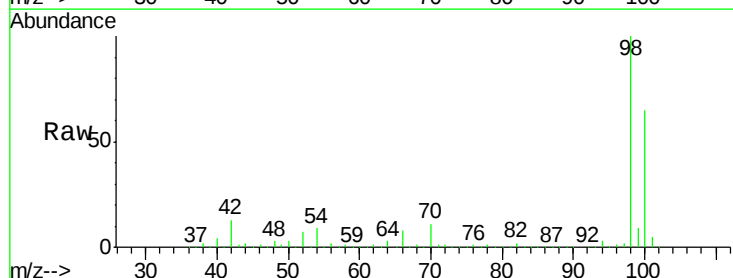
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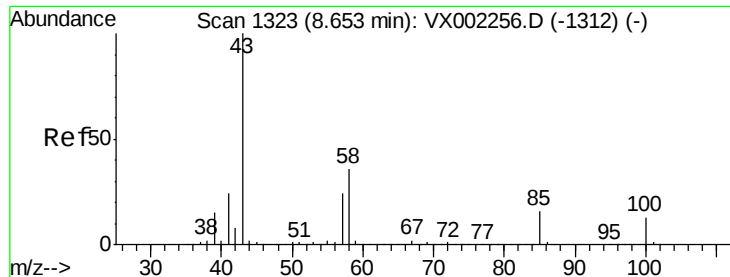
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#50
Toluene-d8
Concen: 43.236 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 247.649 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1085467

Ion Ratio Lower Upper

43 100

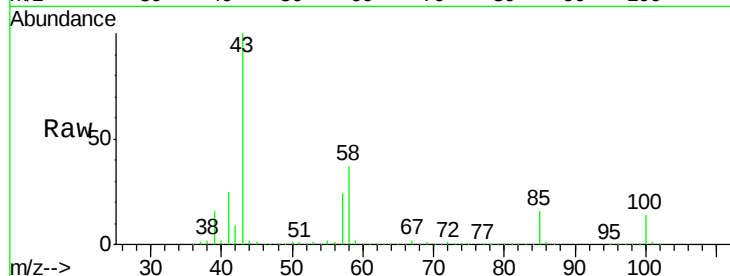
58 35.9 28.6 42.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

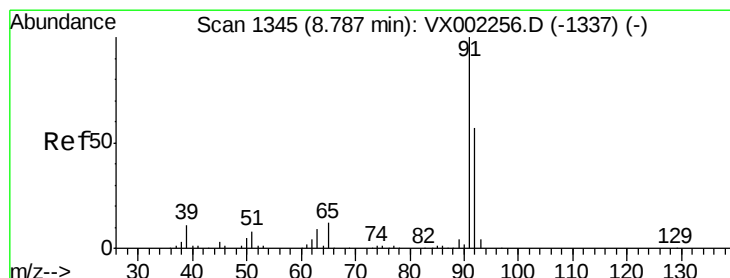
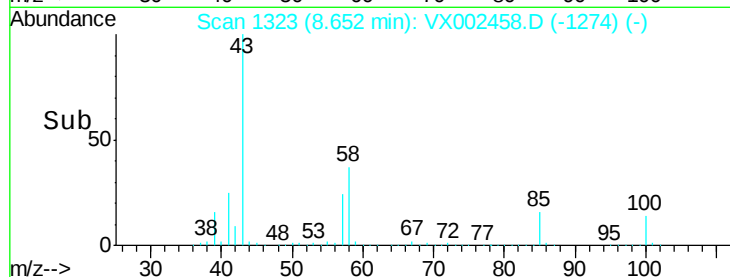
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.533 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002458.D

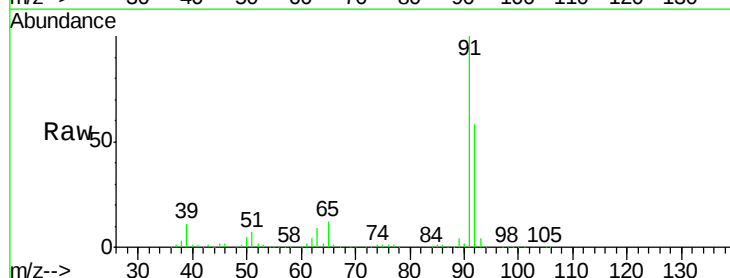
Acq: 12 Jun 2018 10:12

Tgt Ion: 92 Resp: 366439

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

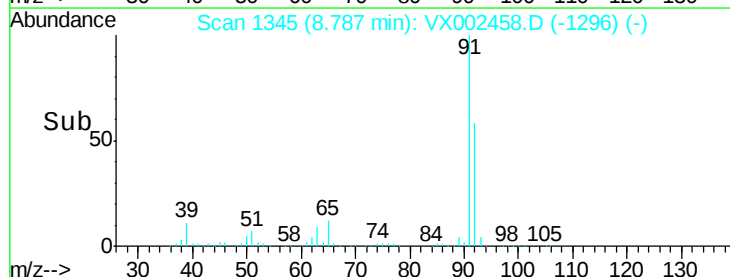
300000

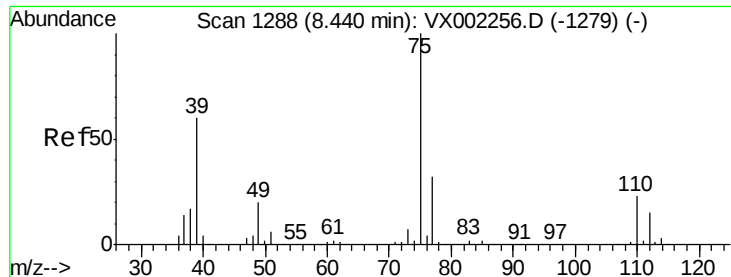
200000

100000

0

Time-->





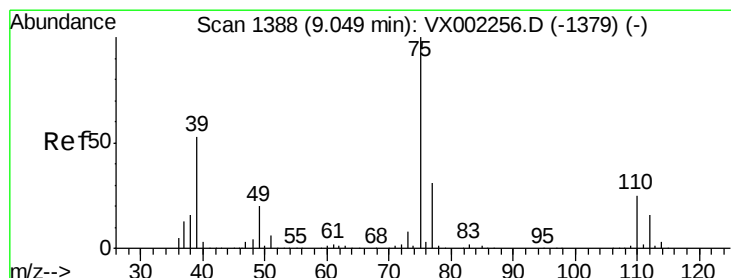
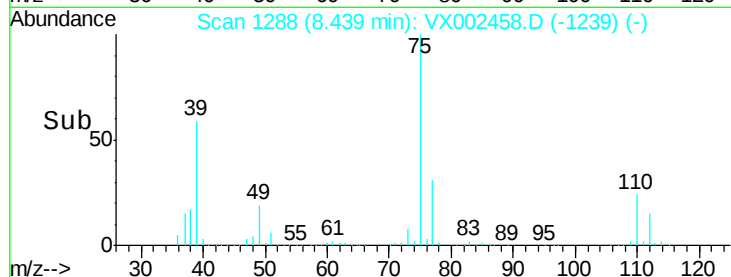
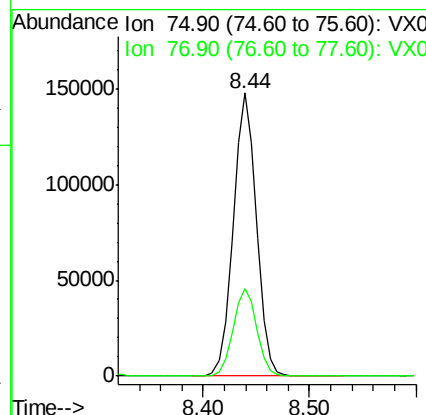
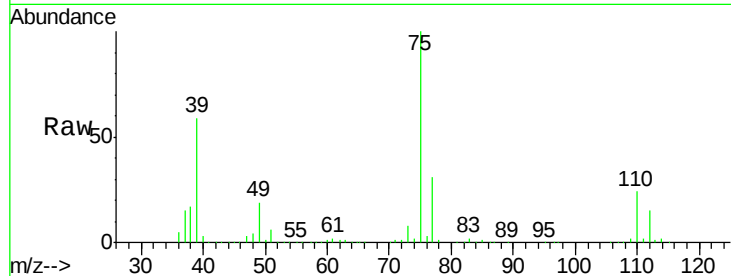
#53
t-1,3-Dichloropropene
Concen: 53.734 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 225337
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

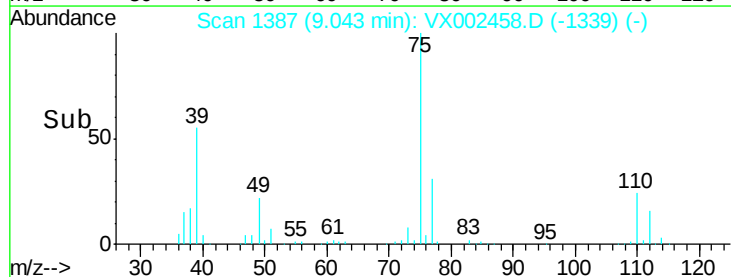
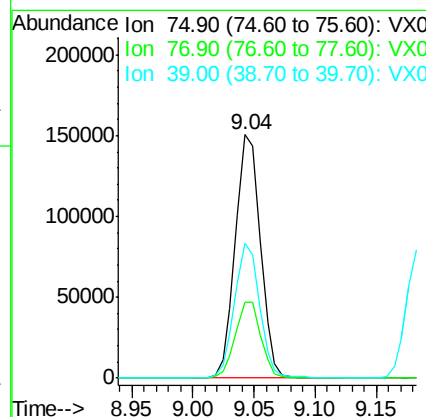
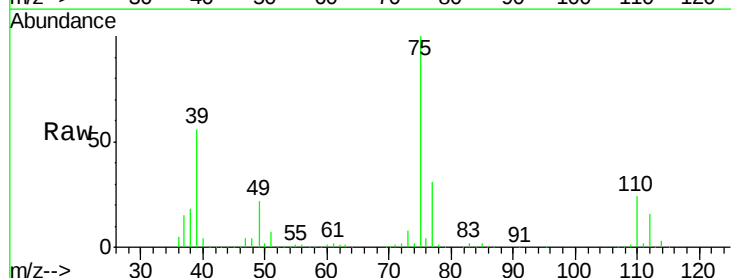
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#54
cis-1,3-Dichloropropene
Concen: 53.955 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 75 Resp: 213471
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 55.5 42.4 63.6





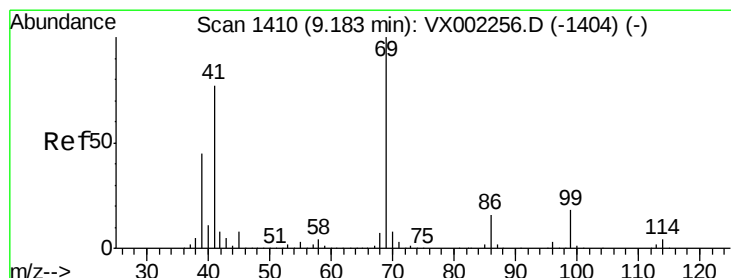
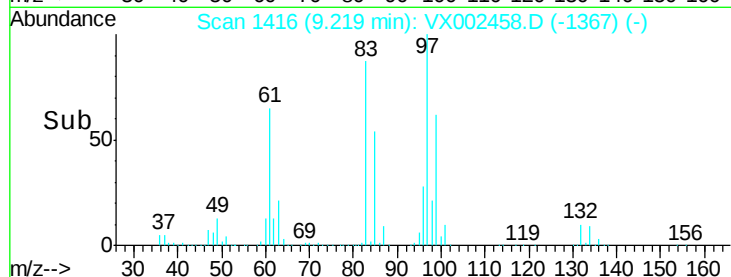
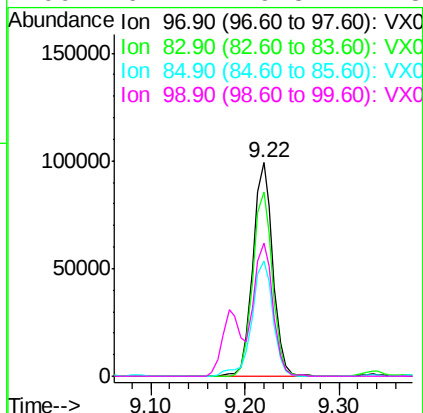
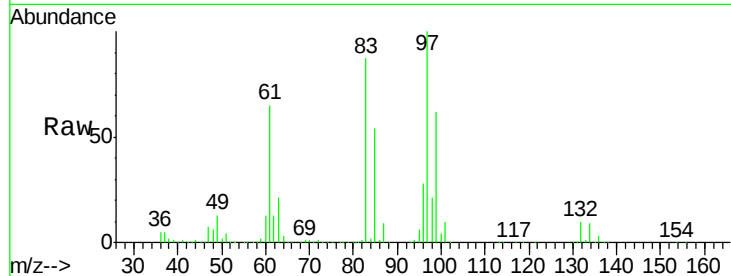
#55
 1,1,2-Trichloroethane
 Concen: 53.351 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	147445
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	54.1	44.9	67.3
99	62.1	49.8	74.8

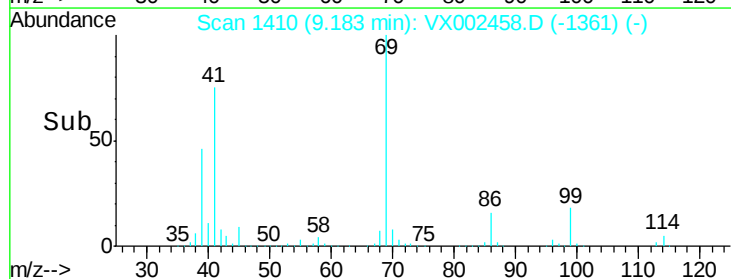
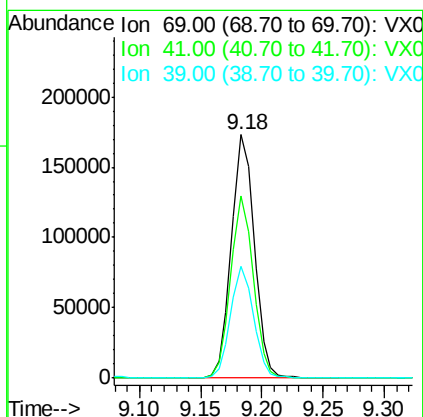
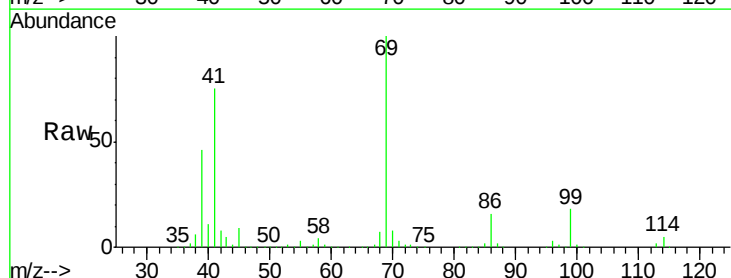
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#56
 Ethyl methacrylate
 Concen: 51.160 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion:	69	Resp:	225733
Ion	Ratio	Lower	Upper
69	100		
41	73.9	60.3	90.5
39	45.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.118 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 241644

Ion Ratio Lower Upper

76 100

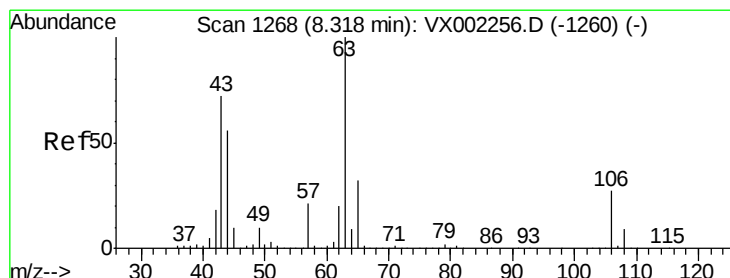
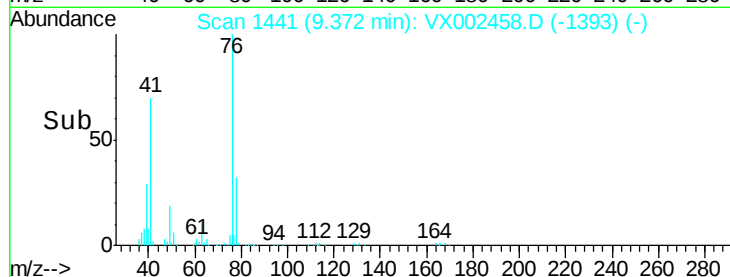
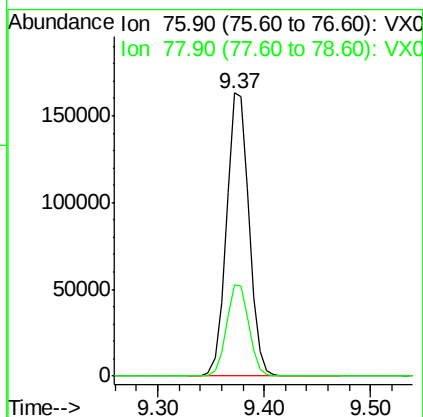
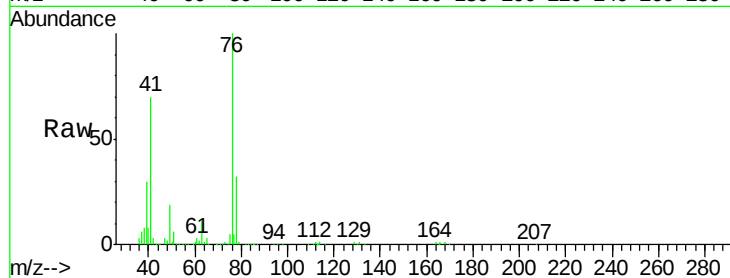
78 32.4 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 260.043 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002458.D

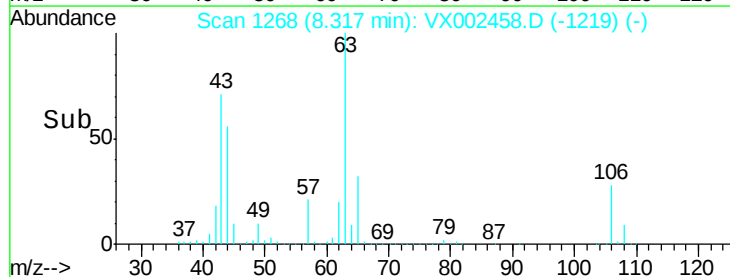
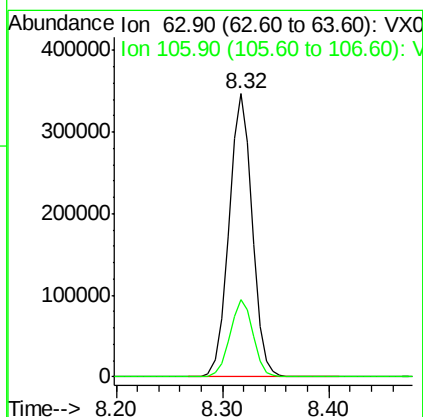
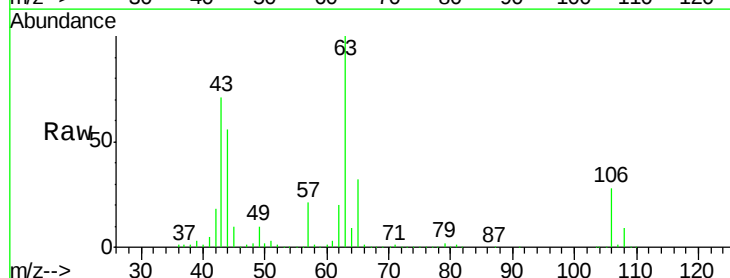
Acq: 12 Jun 2018 10:12

Tgt Ion: 63 Resp: 531057

Ion Ratio Lower Upper

63 100

106 27.3 21.8 32.8





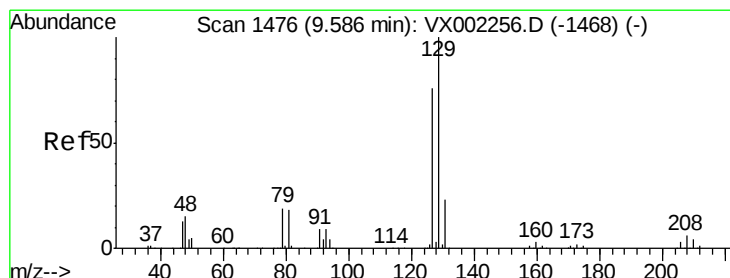
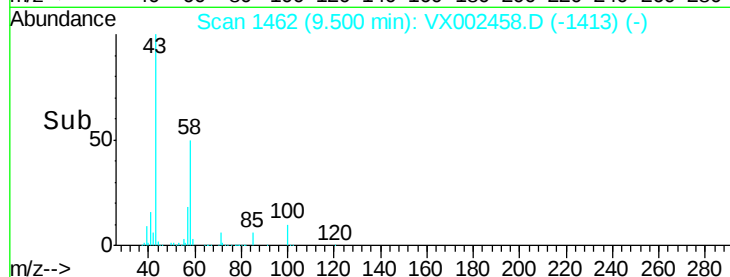
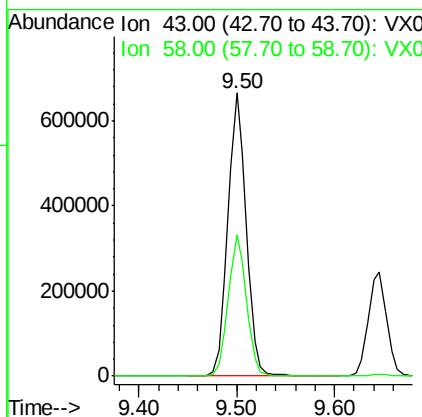
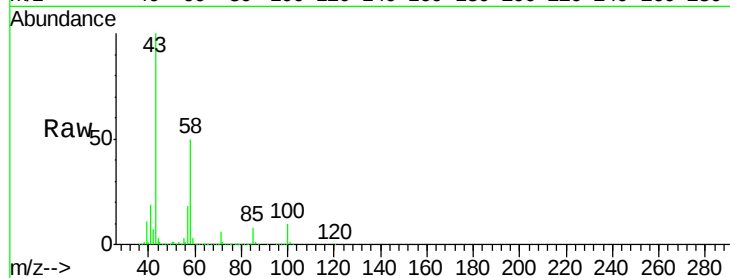
#59
2-Hexanone
Concen: 256.349 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.6	73.6

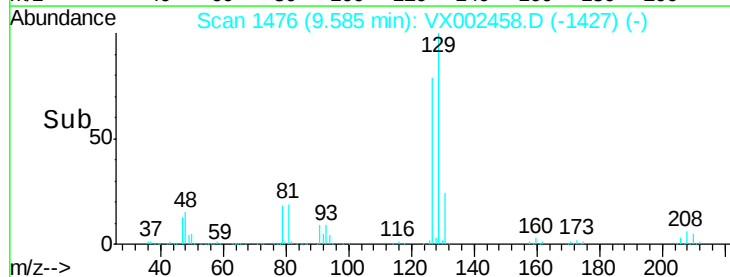
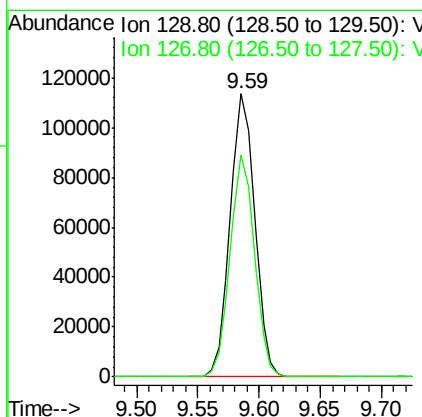
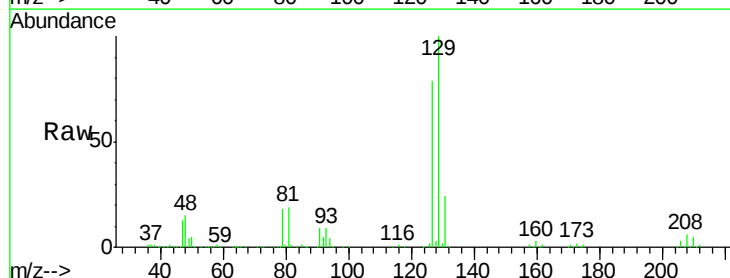
Manual Integrations
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#60
Dibromochloromethane
Concen: 57.059 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.3





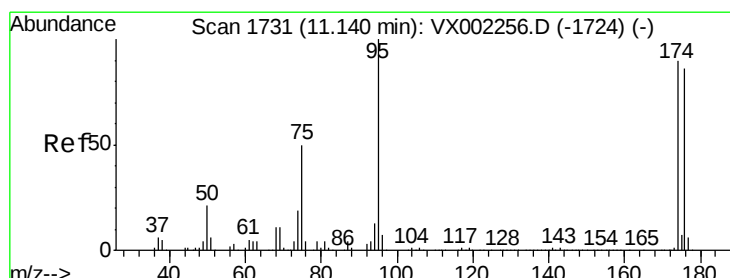
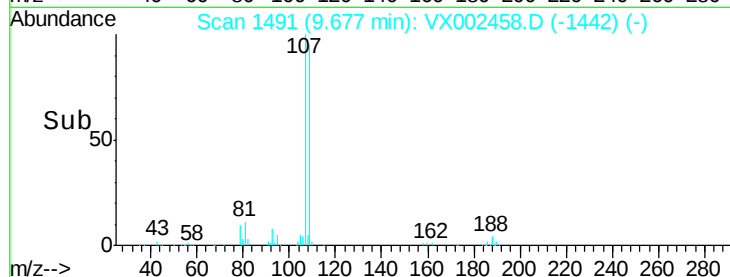
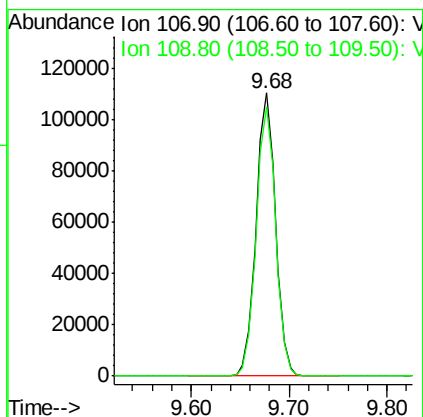
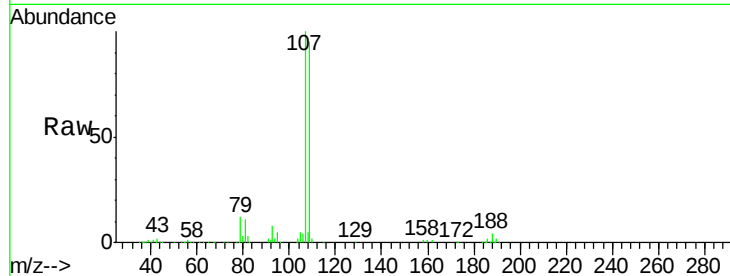
#61
 1,2-Dibromoethane
 Concen: 52.904 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.3	112.9

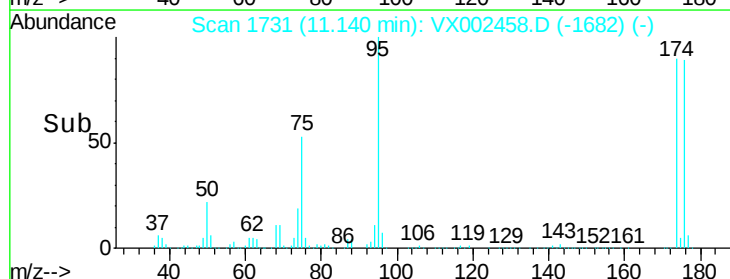
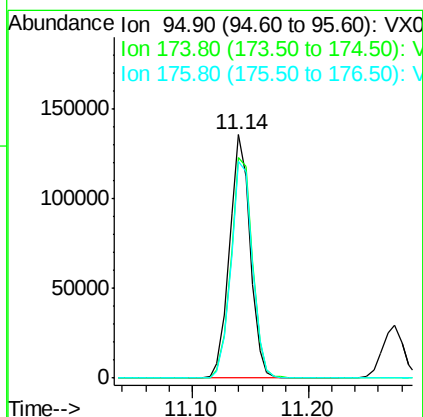
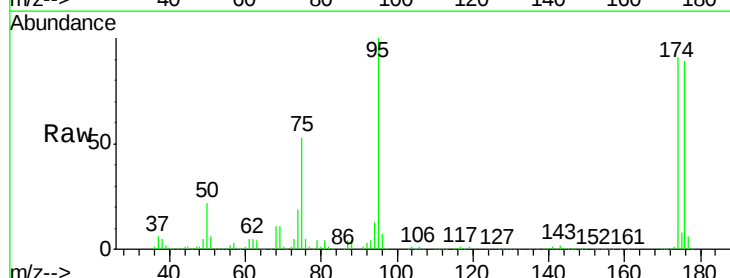
Manual Integrations
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 6/13/2018 1:59:34 PM



#62
 4-Bromofluorobenzene
 Concen: 43.834 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	187.4
176	92.7	0.0	181.0





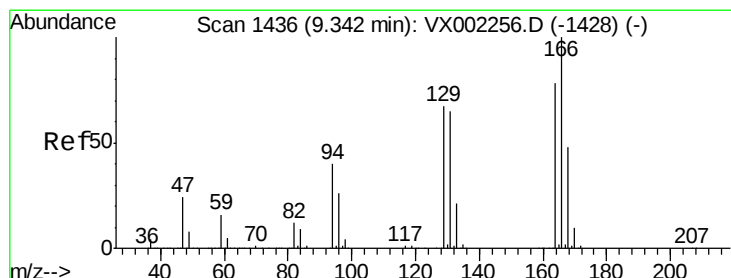
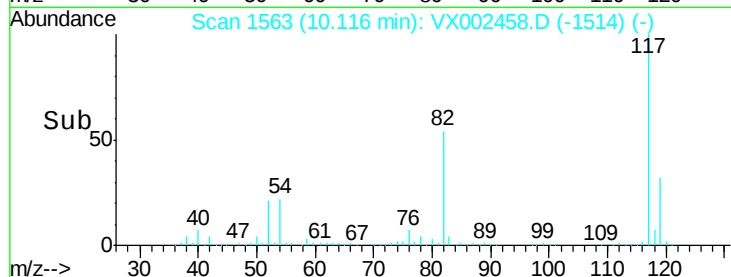
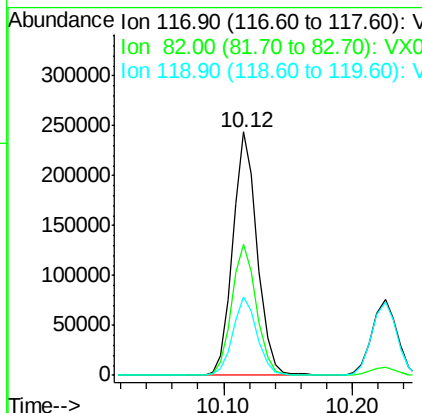
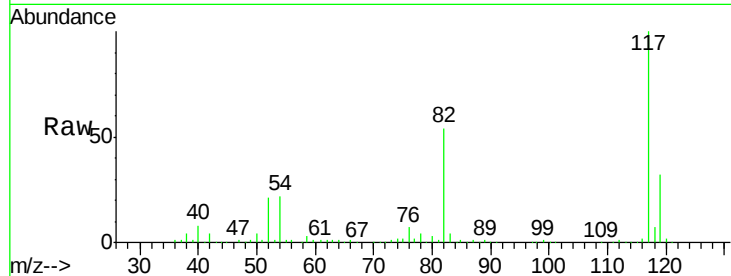
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.1	25.8	38.6

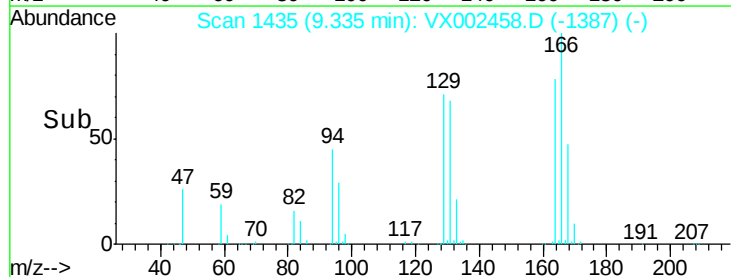
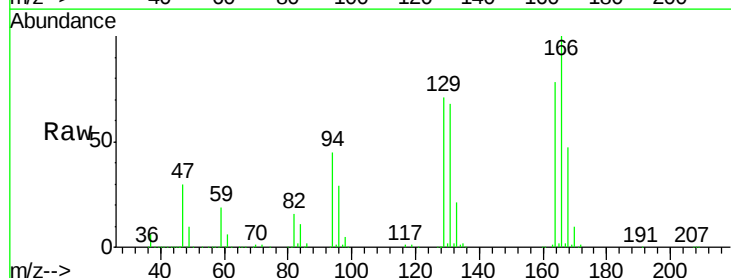
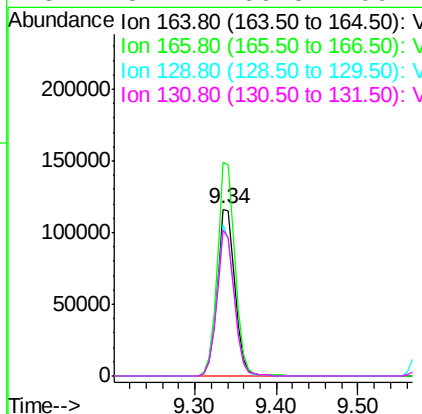
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#64
Tetrachloroethene
Concen: 53.402 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.9	154.3
129	90.5	68.6	102.8
131	87.2	66.8	100.2





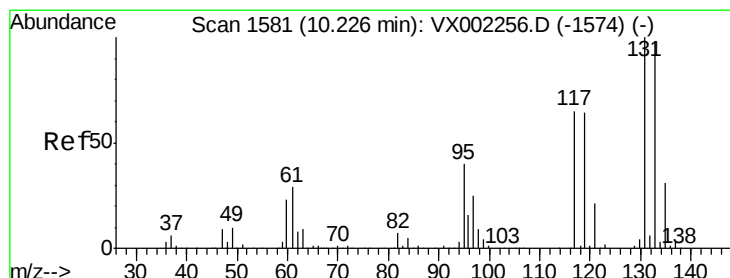
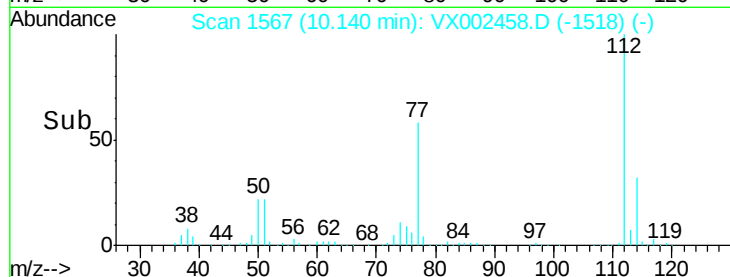
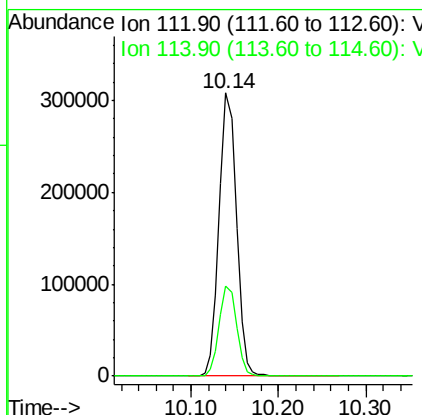
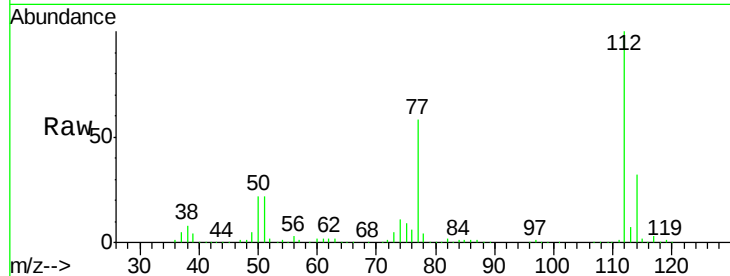
#65
Chlorobenzene
Concen: 53.053 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 425713
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

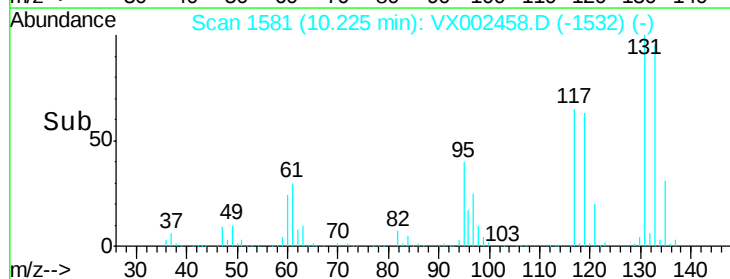
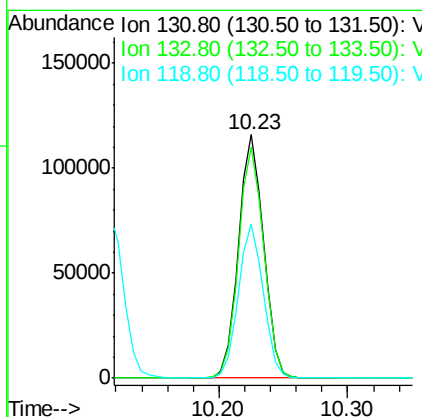
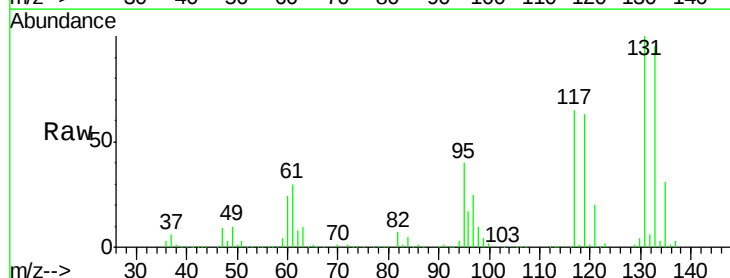
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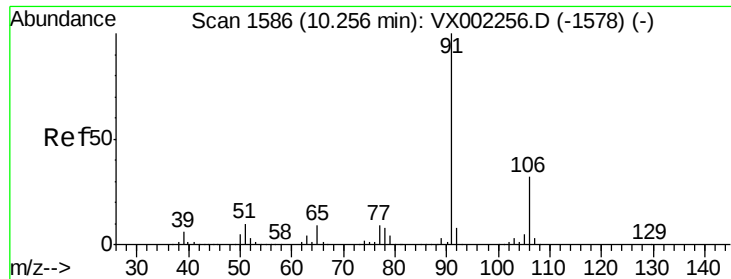
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.678 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion:131 Resp: 155962
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 63.0 31.8 95.3





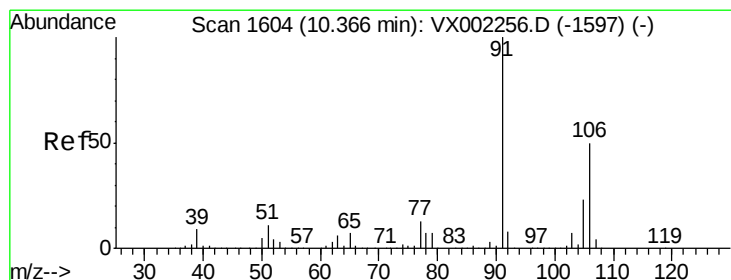
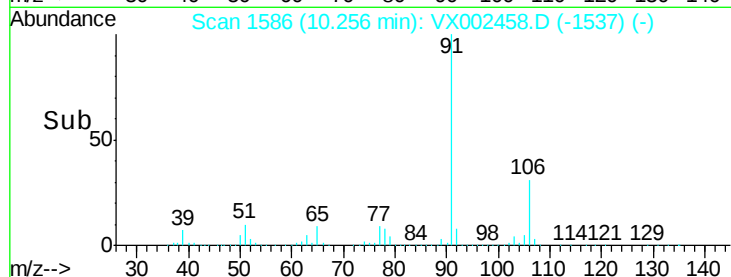
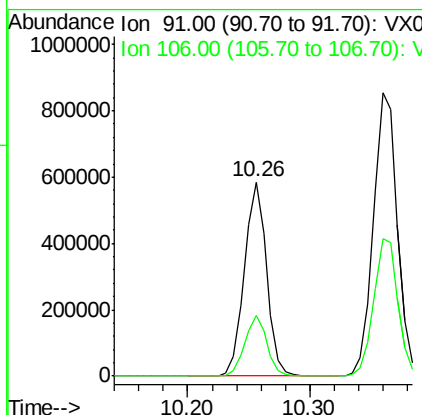
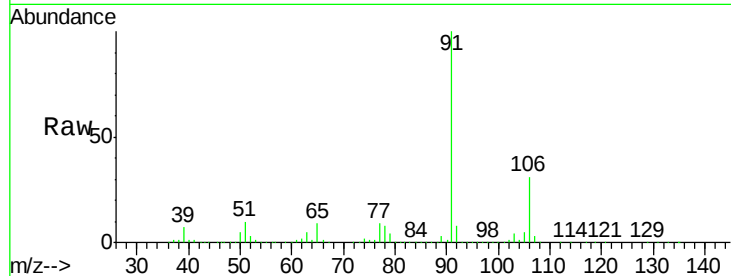
#67
Ethyl Benzene
Concen: 54.948 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 737875
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

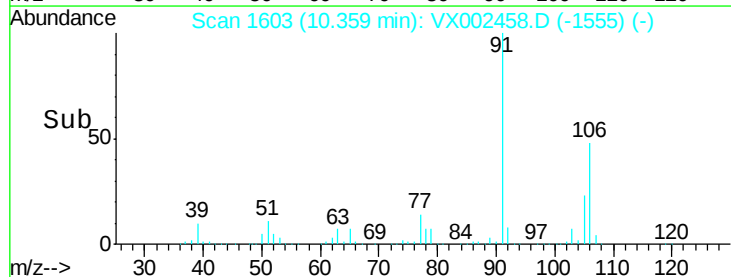
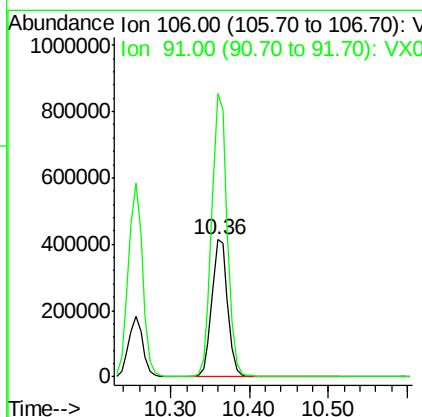
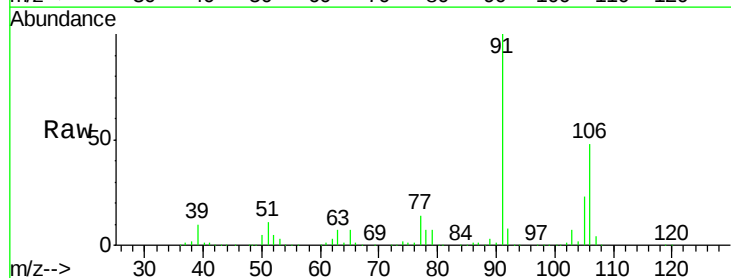
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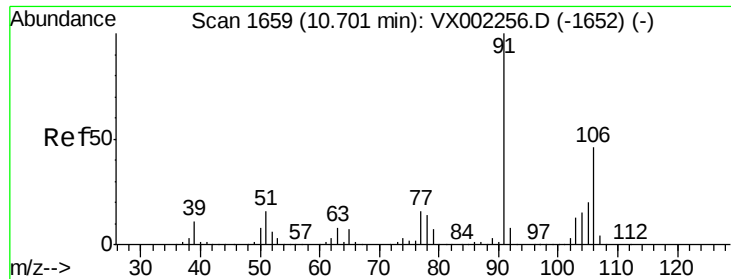
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#68
m/p-Xylenes
Concen: 110.349 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 106 Resp: 576033
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2





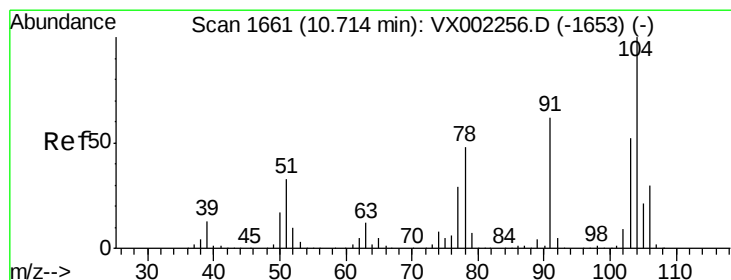
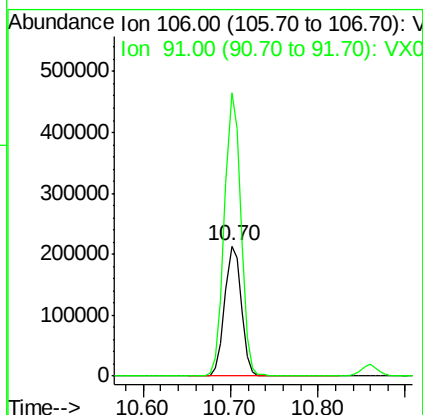
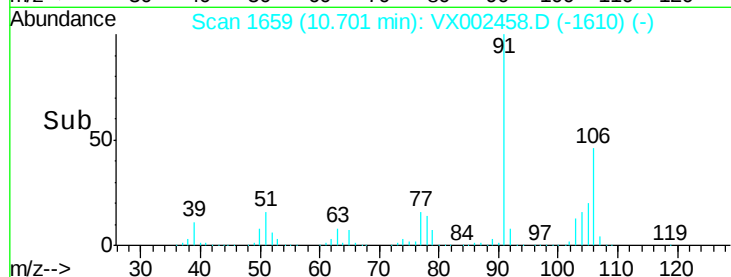
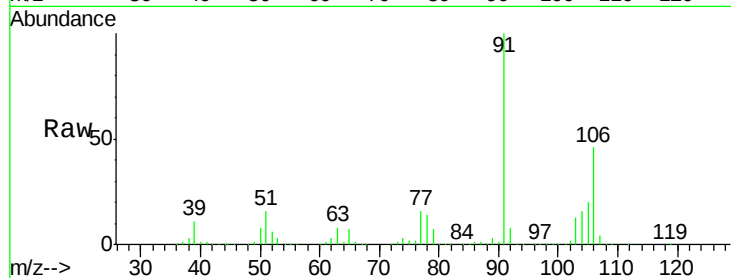
#69
o-Xylene
Concen: 54.025 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 280648
Ion Ratio Lower Upper
106 100
91 214.9 108.2 324.6

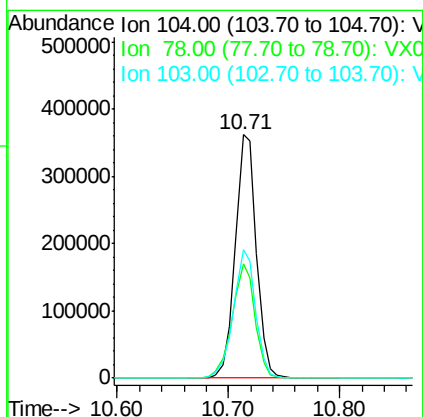
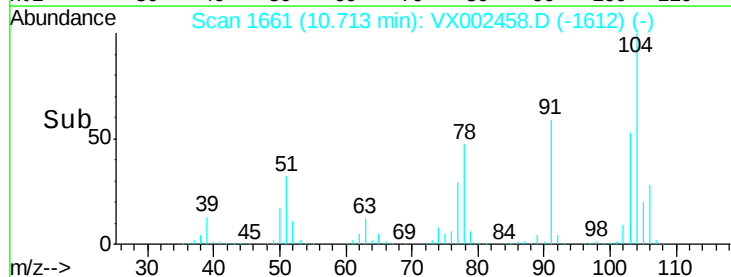
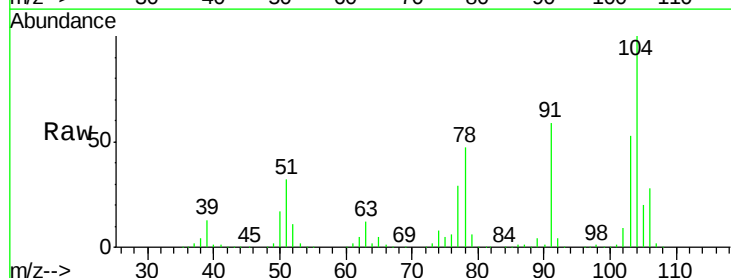
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#70
Styrene
Concen: 55.872 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion:104 Resp: 474478
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.5 44.2 66.4





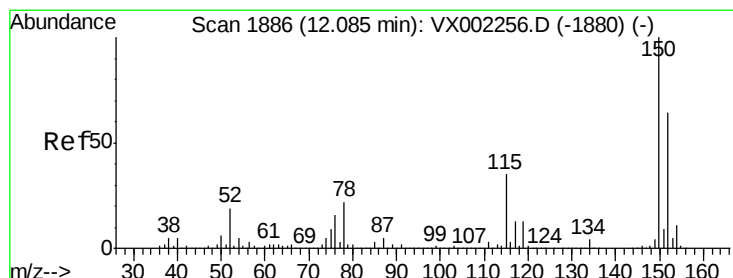
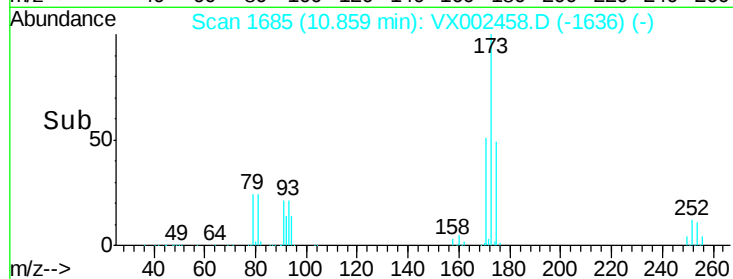
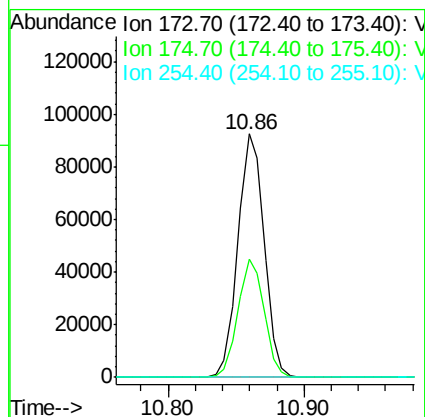
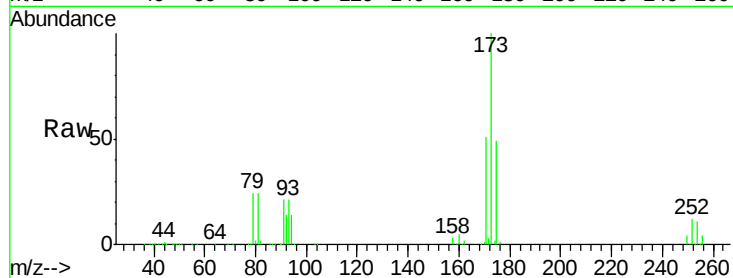
#71
Bromoform
Concen: 47.749 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

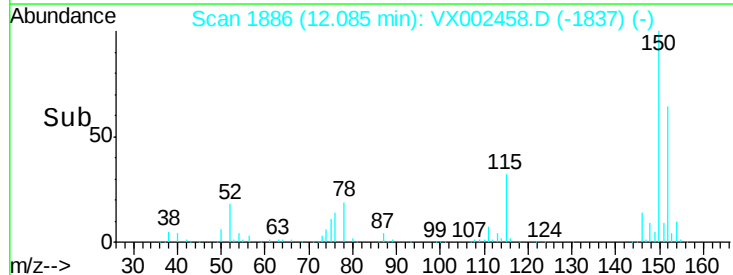
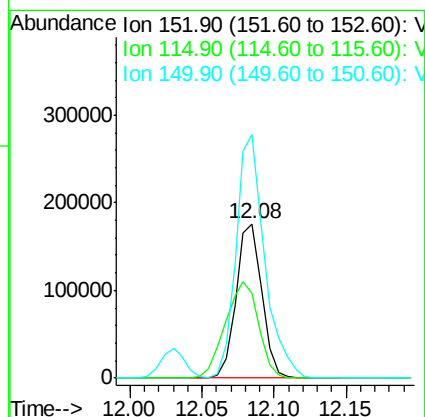
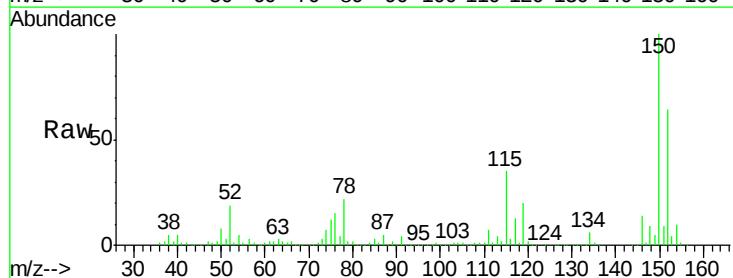
Manual Integrations
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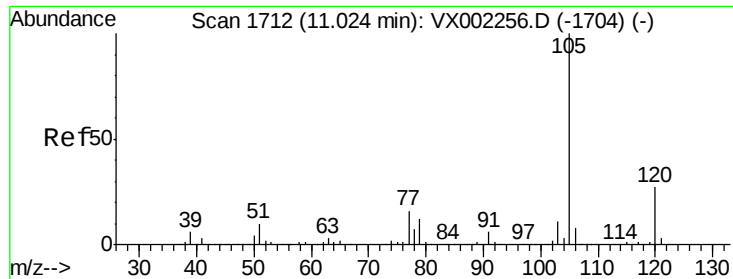
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.9	40.1	120.2
150	173.9	0.0	347.2





#73

Isopropylbenzene

Concen: 50.870 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 782060

Ion Ratio Lower Upper

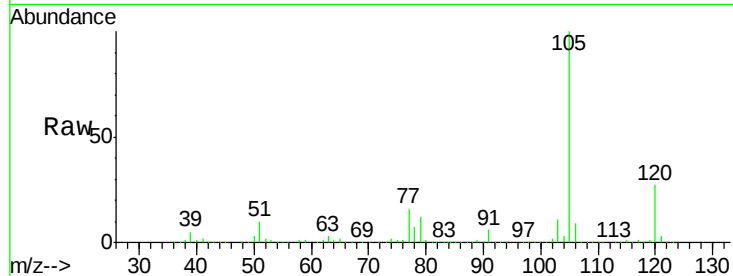
105 100

120 26.9 13.5 40.4

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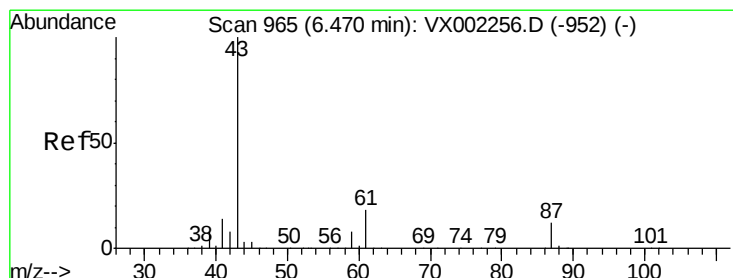
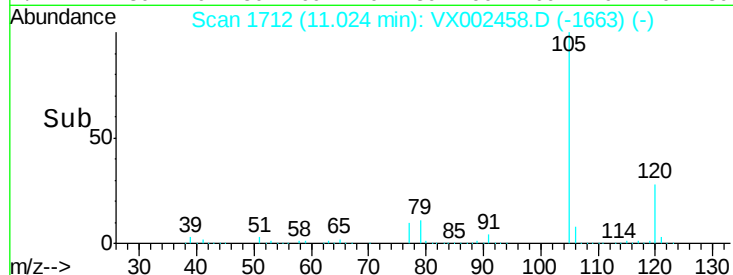
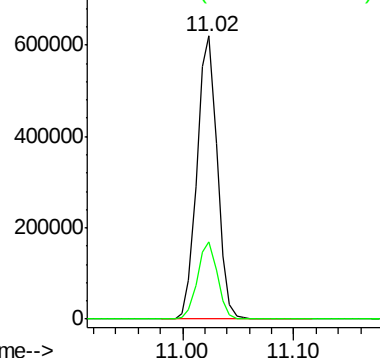
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.299 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion: 43 Resp: 342112

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

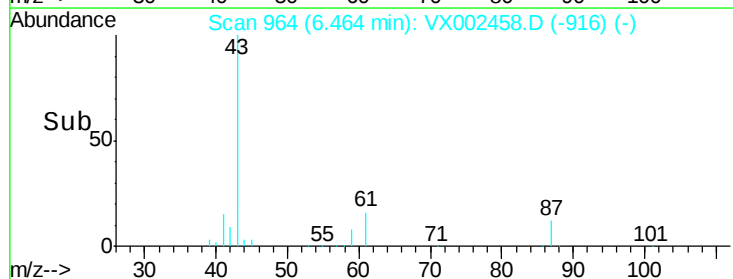
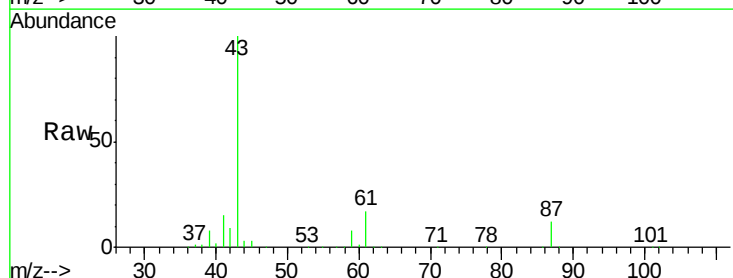
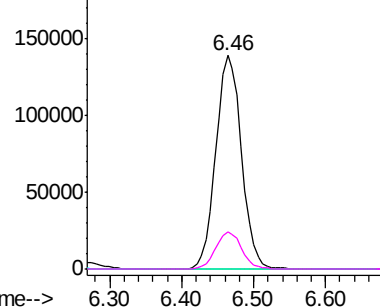
61 17.6 14.4 21.6

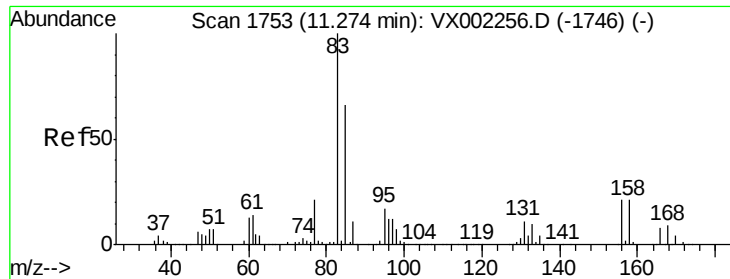
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.638 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 220671

Ion Ratio Lower Upper

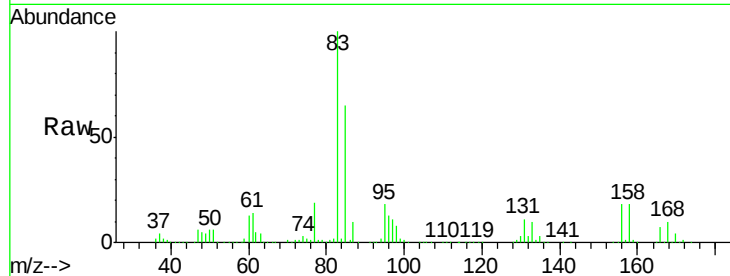
83 100

131 10.8 5.6 16.8

85 64.4 32.4 97.2

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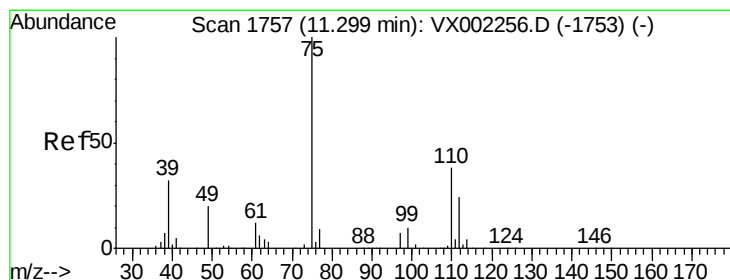
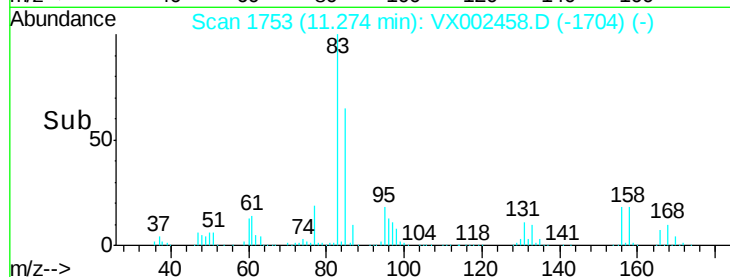
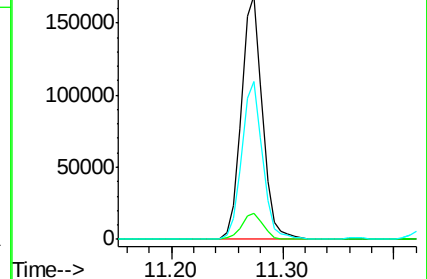
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.168 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002458.D

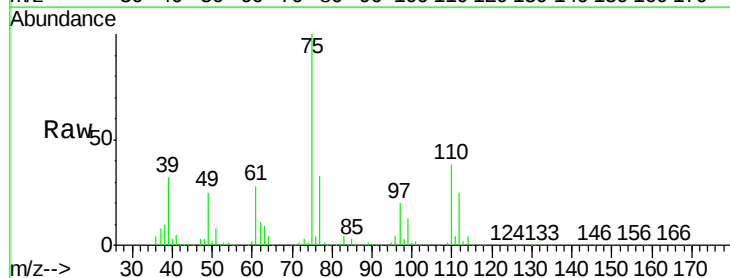
Acq: 12 Jun 2018 10:12

Tgt Ion: 75 Resp: 219032

Ion Ratio Lower Upper

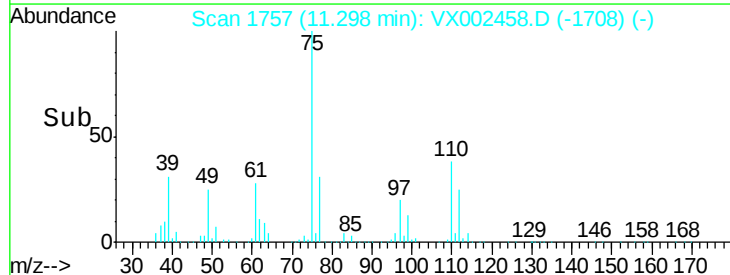
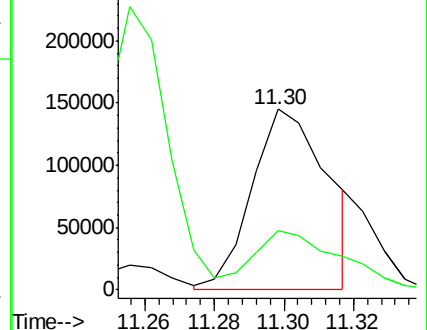
75 100

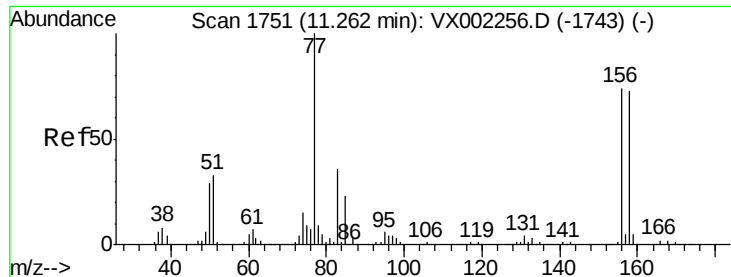
77 38.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.252 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

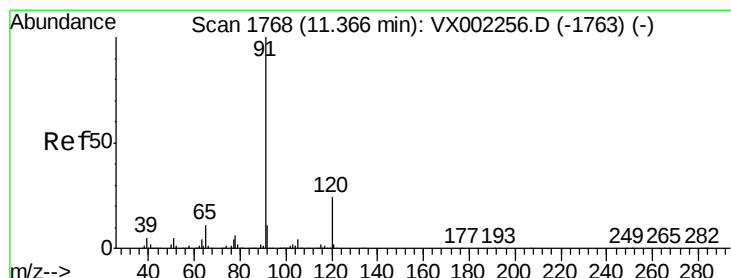
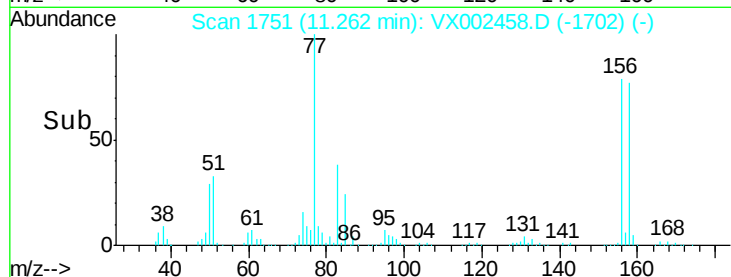
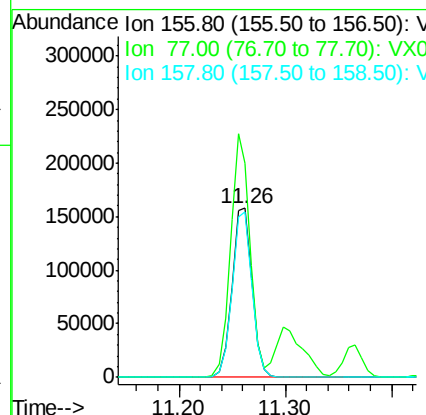
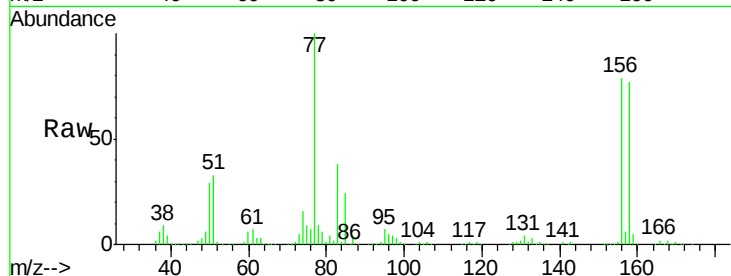
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	208256
Ion Ratio	Lower	Upper	
156	100		
77	139.0	71.4	214.2
158	97.1	48.9	146.6

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#78

n-propylbenzene

Concen: 53.284 ug/l

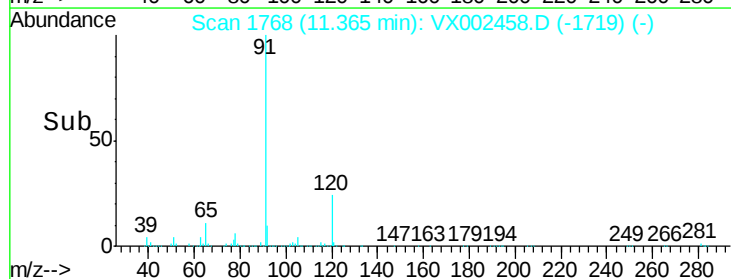
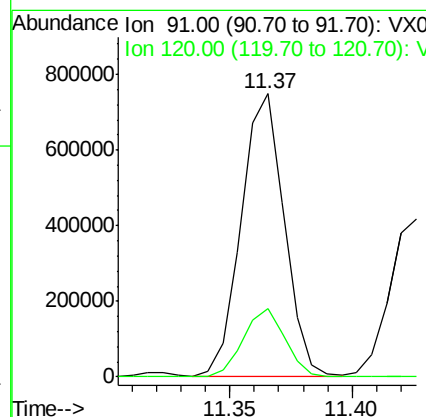
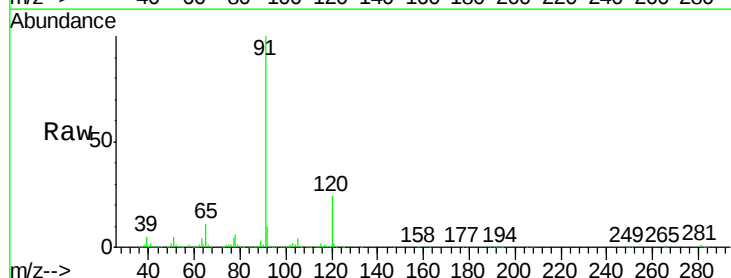
RT: 11.37 min Scan# 1768

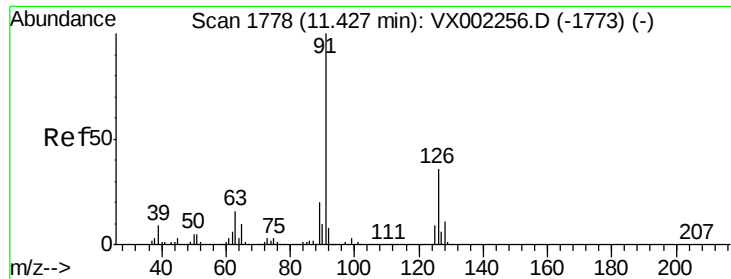
Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion:	91	Resp:	910486
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4





#79

2-Chlorotoluene

Concen: 48.800 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 526529

Ion Ratio Lower Upper

91 100

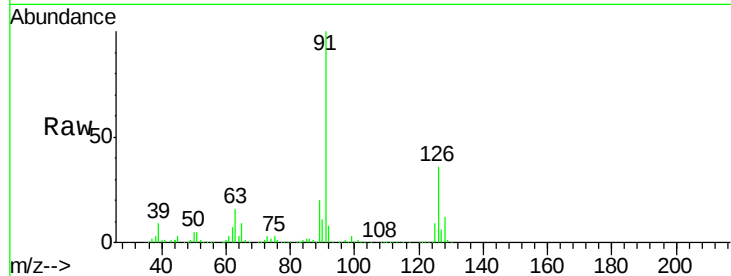
126 35.8 17.7 53.1

Manual Integrations

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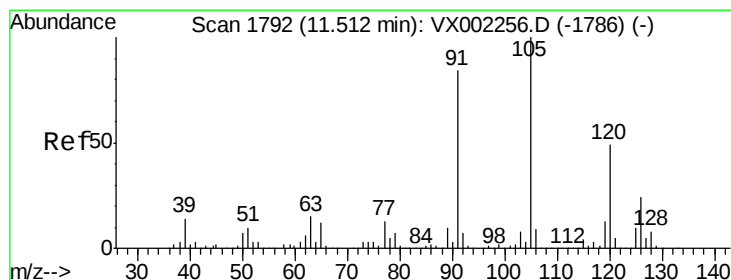
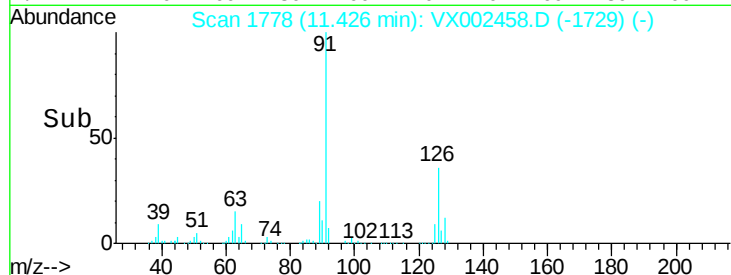
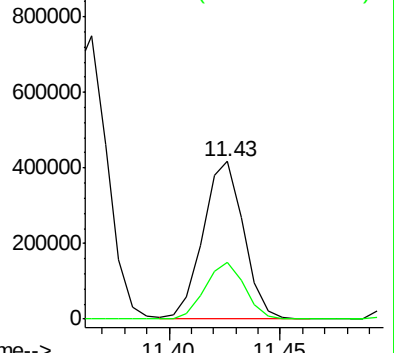
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.159 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002458.D

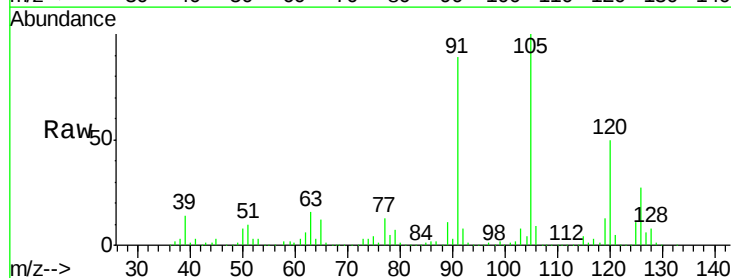
Acq: 12 Jun 2018 10:12

Tgt Ion: 105 Resp: 674598

Ion Ratio Lower Upper

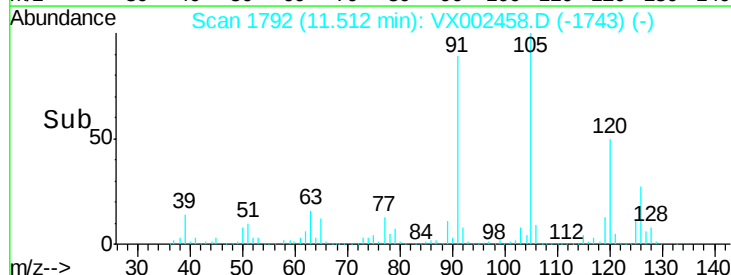
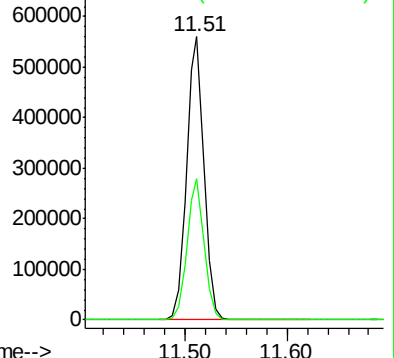
105 100

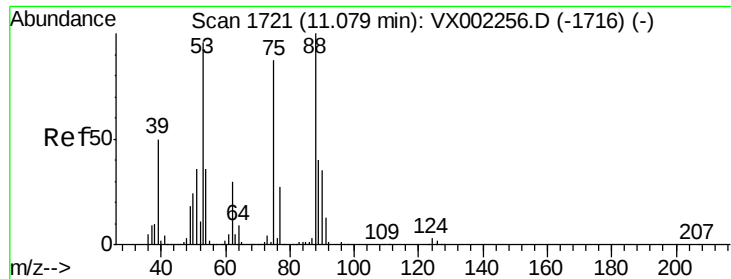
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





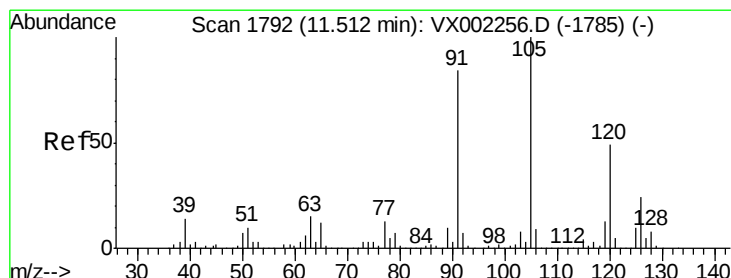
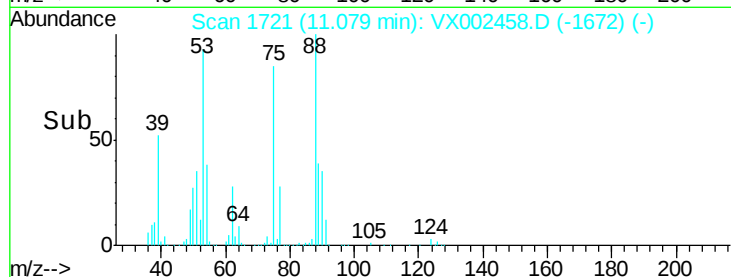
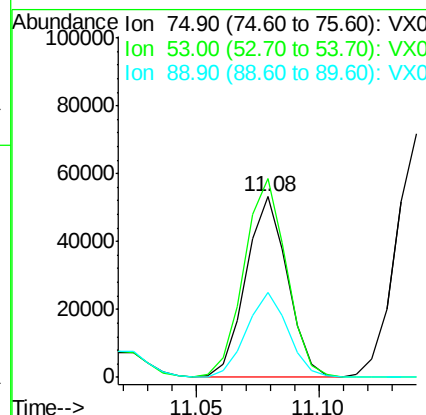
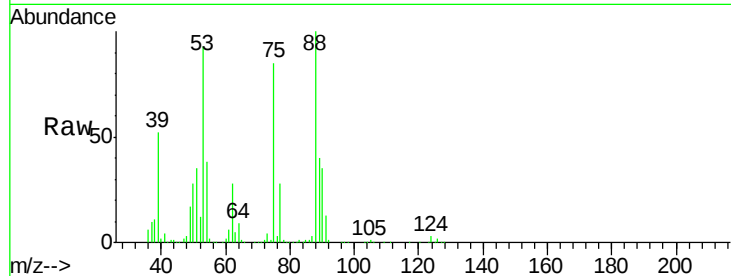
#81
trans-1,4-Dichloro-2-butene
Concen: 45.342 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.4	86.8	130.2
89	47.2	38.2	57.2

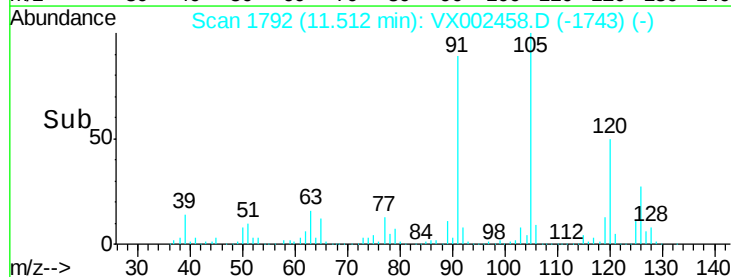
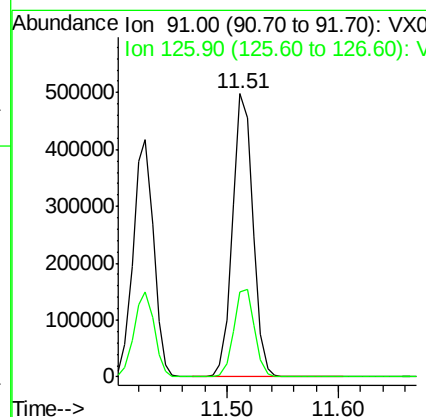
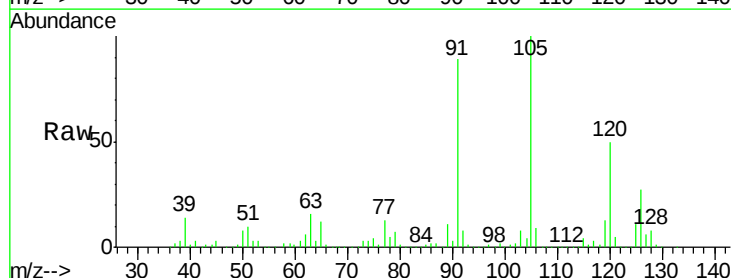
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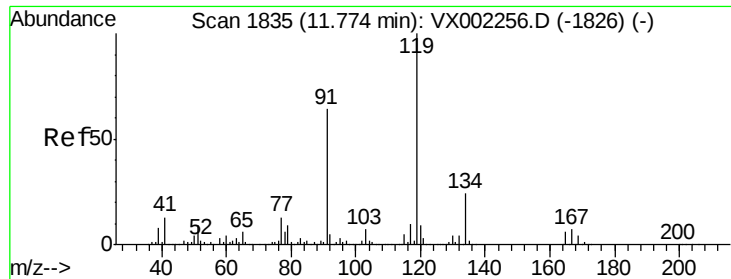
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.652 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





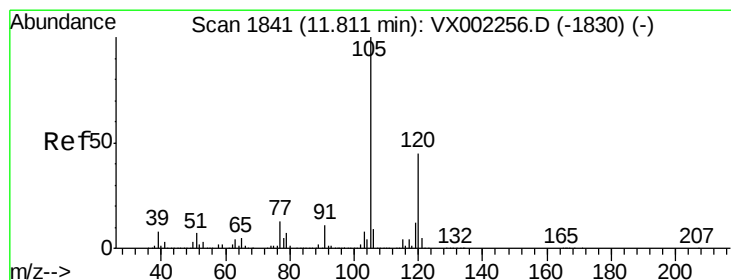
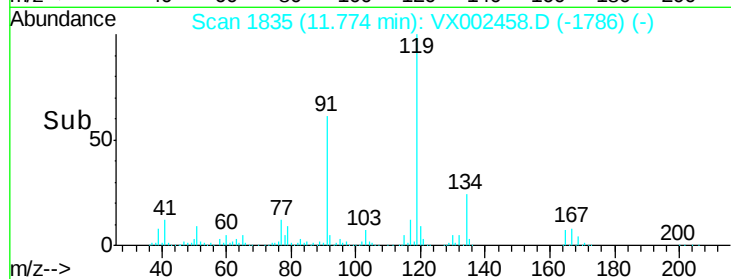
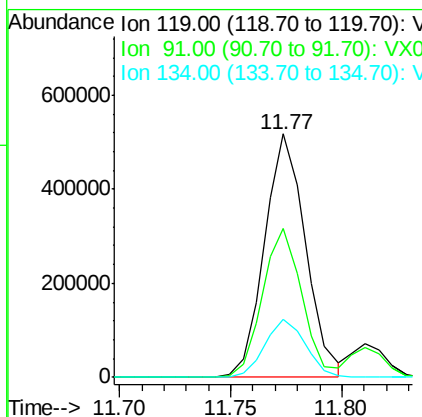
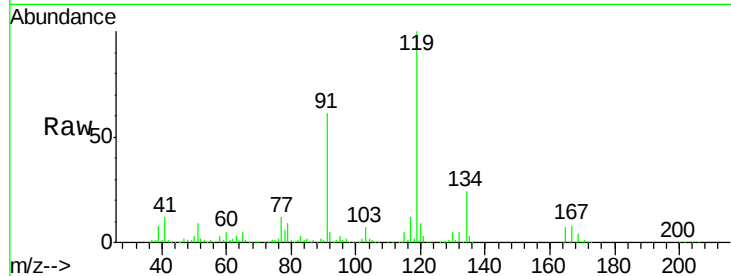
#83
 tert-Butylbenzene
 Concen: 51.486 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	661111		
91	59.5	30.3	90.9	
134	23.7	11.7	35.1	

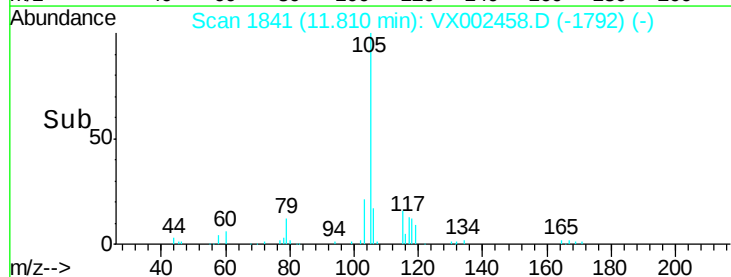
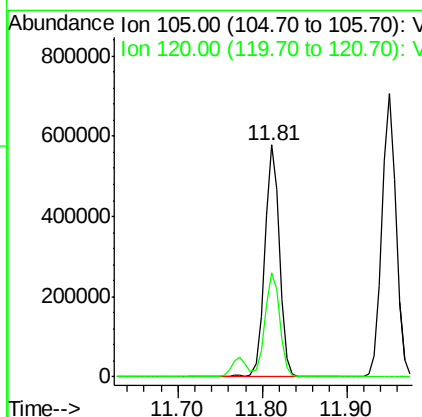
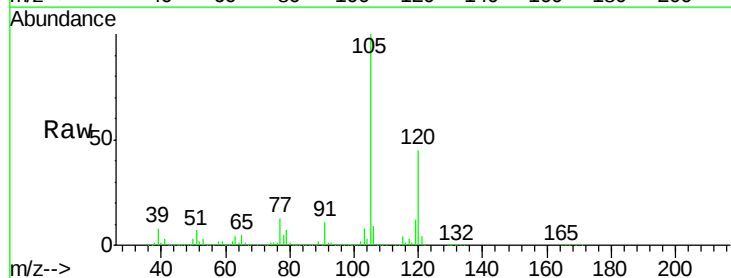
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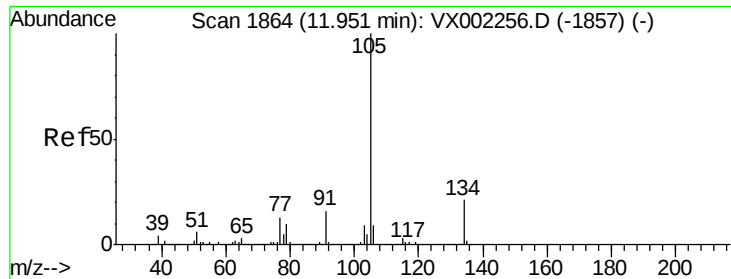
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.102 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	693652		
120	45.4	22.3	66.8	





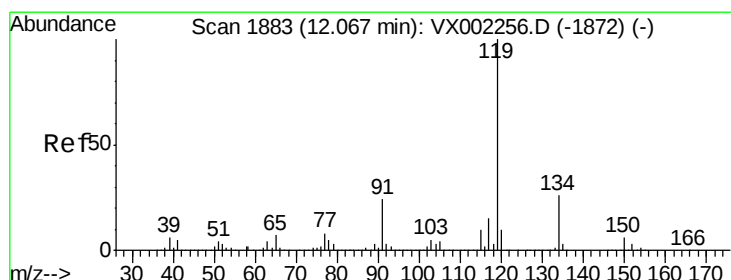
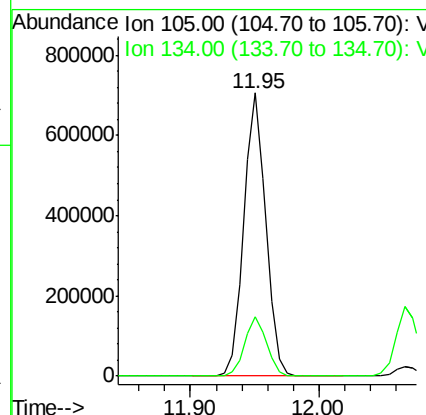
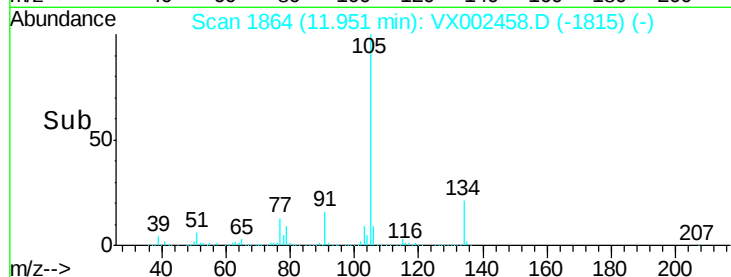
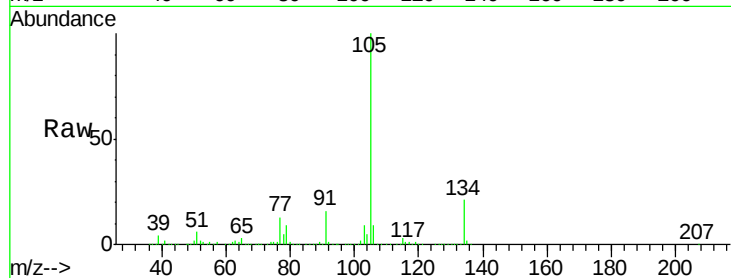
#85
 sec-Butylbenzene
 Concen: 55.118 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 829720
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

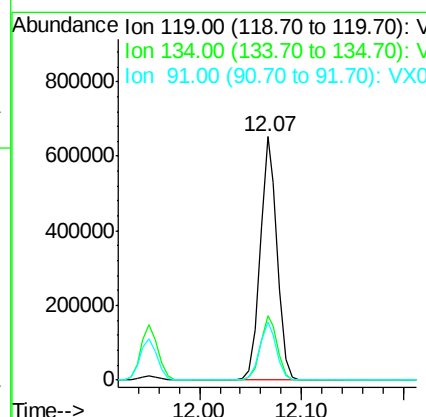
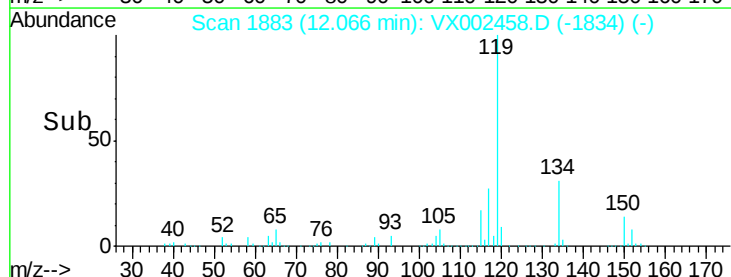
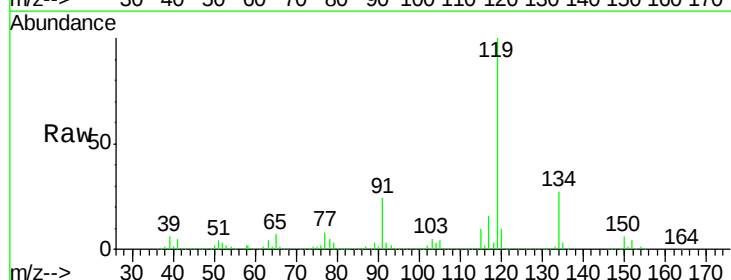
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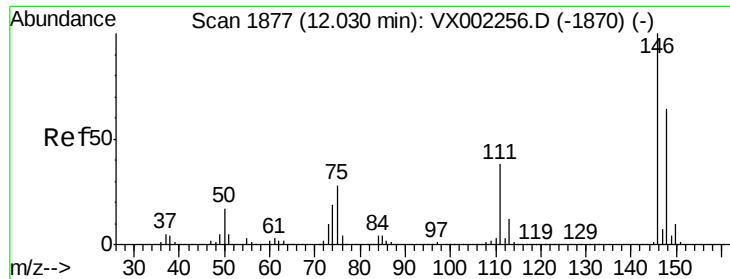
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#86
 p-Isopropyltoluene
 Concen: 55.341 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion:119 Resp: 758810
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 24.0 11.9 35.7





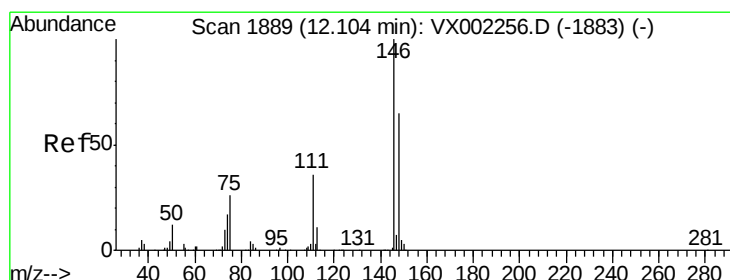
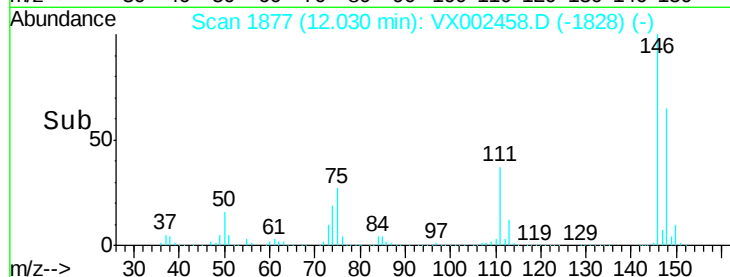
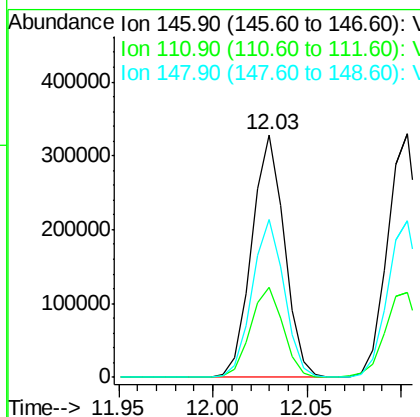
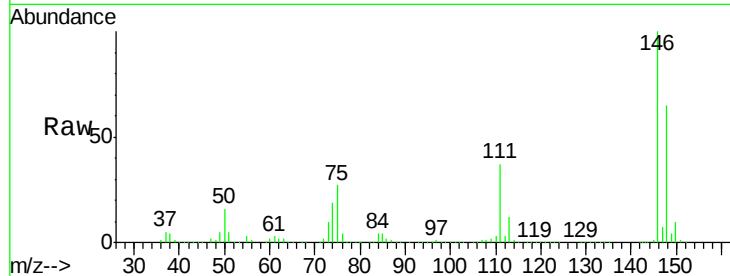
#87
 1,3-Dichlorobenzene
 Concen: 51.126 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.2	32.1	96.3

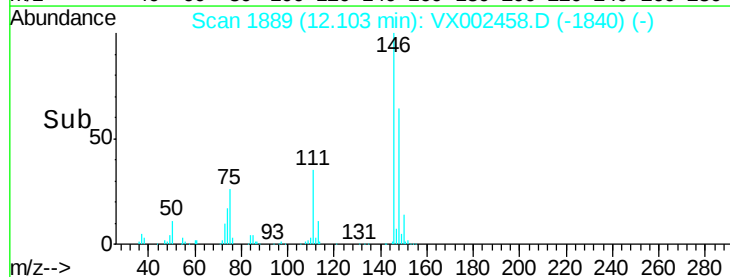
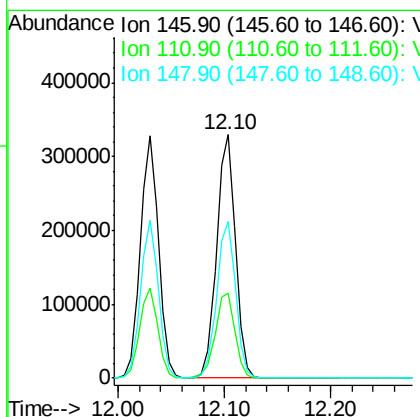
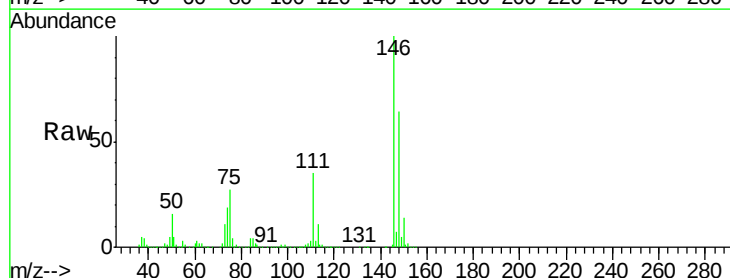
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 50.633 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.7	56.1
148	64.7	32.4	97.0





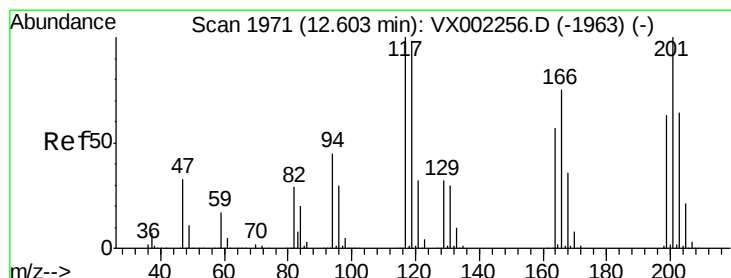
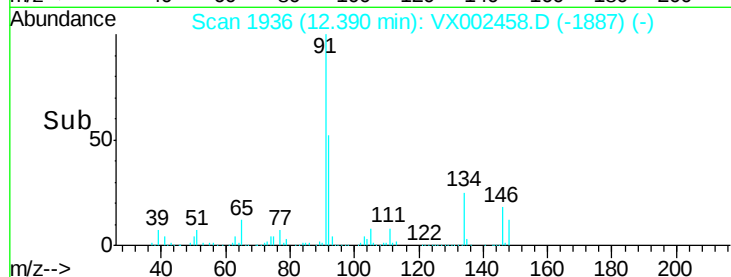
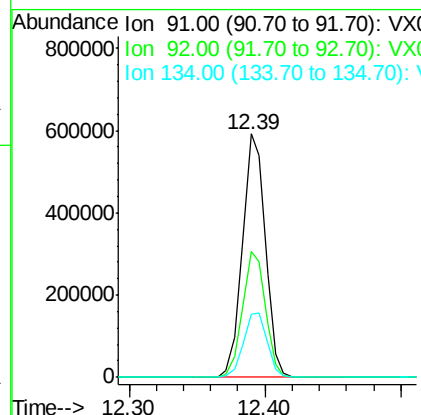
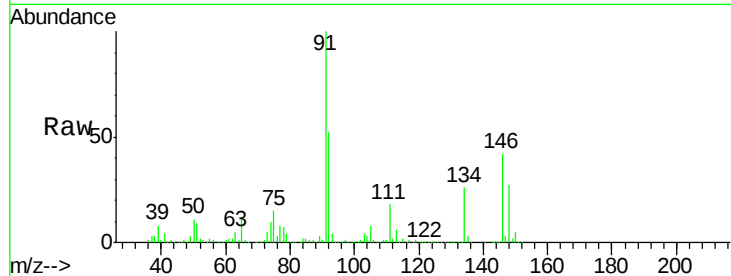
#89
n-Butylbenzene
Concen: 60.080 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	690909		
92	52.1	26.0	78.0	
134	27.3	13.5	40.5	

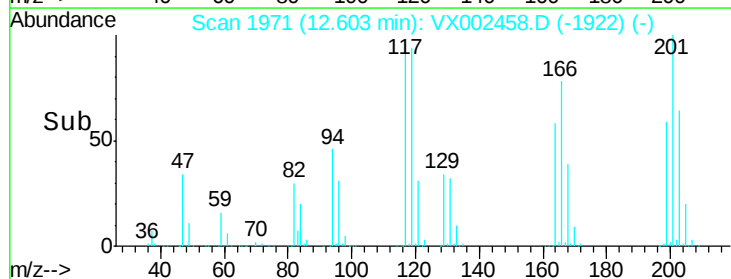
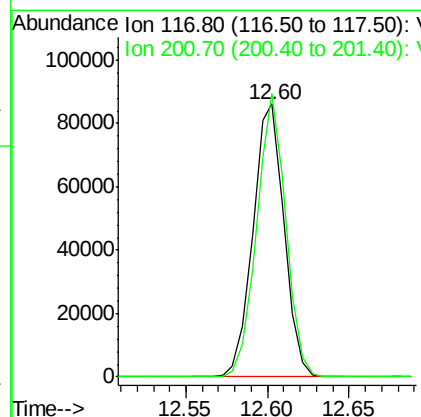
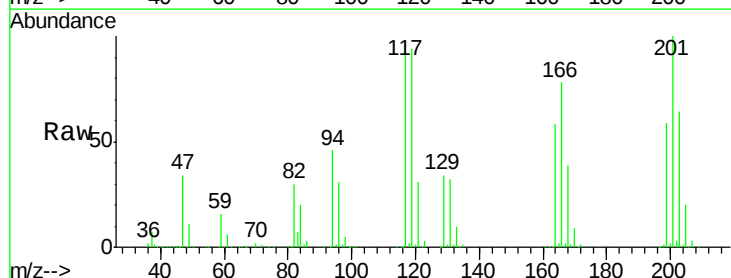
Manual Integrations
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#90
Hexachloroethane
Concen: 52.183 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114218		
201	96.7	49.0	147.0	





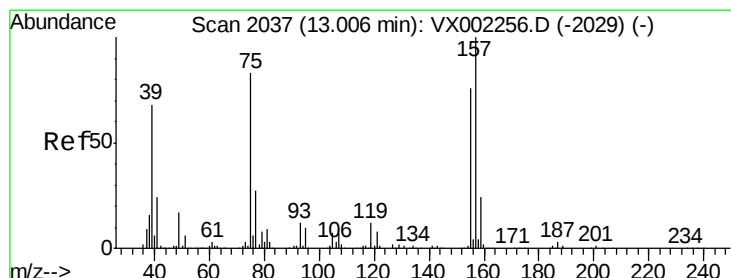
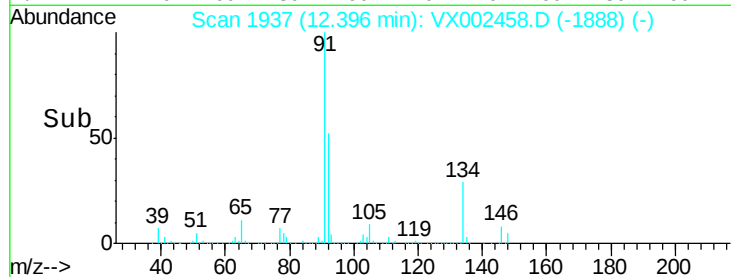
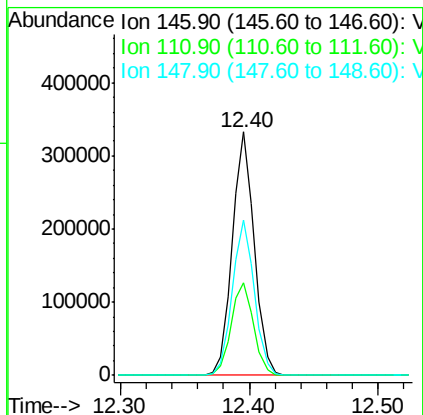
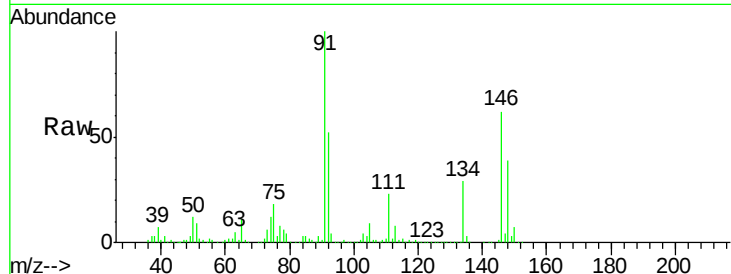
#91
 1,2-Dichlorobenzene
 Concen: 49.686 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.2	31.7	95.1

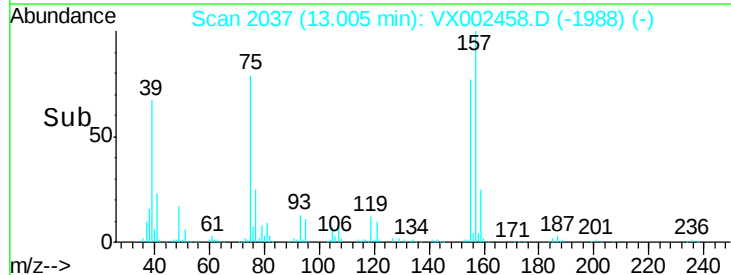
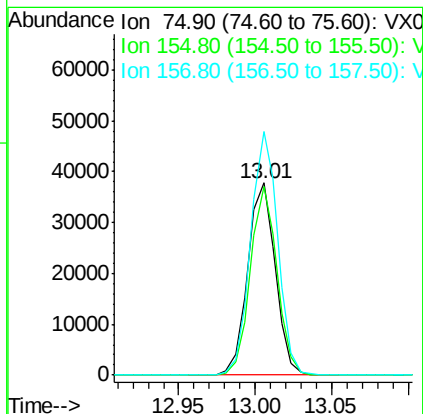
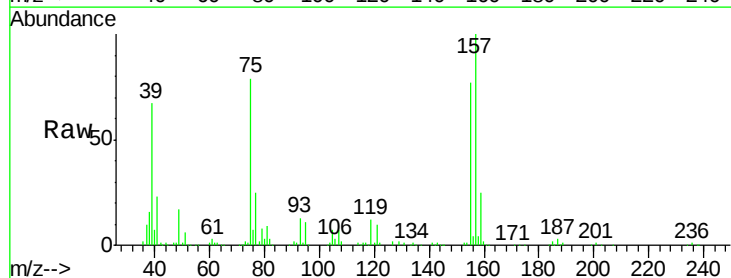
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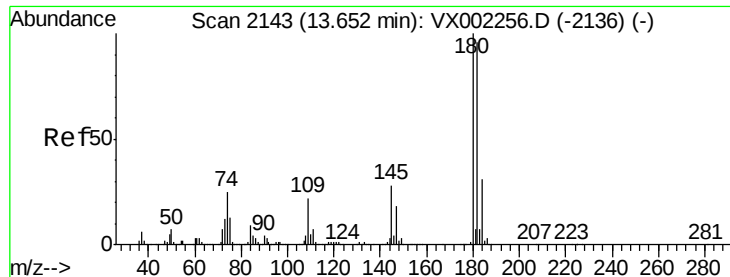
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.740 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	45.8	137.4
157	124.3	60.1	180.3





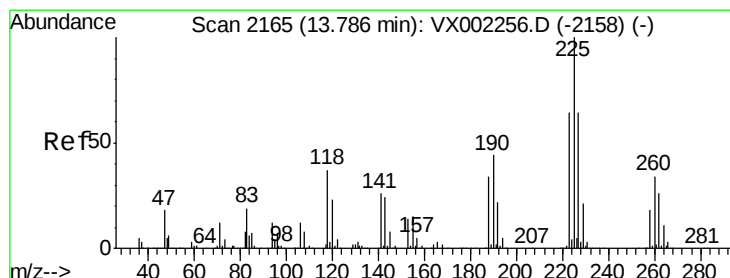
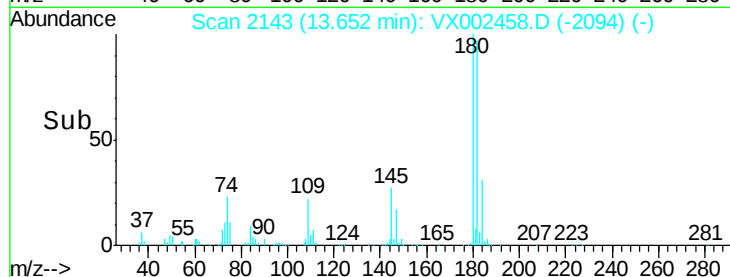
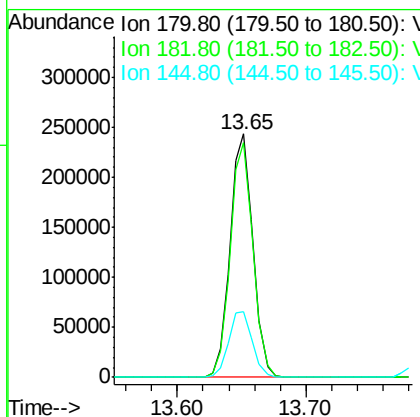
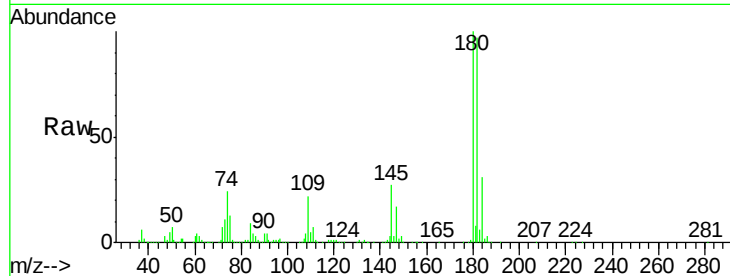
#93
 1,2,4-Trichlorobenzene
 Concen: 53.873 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.7	143.1	
145	28.1	14.1	42.4	

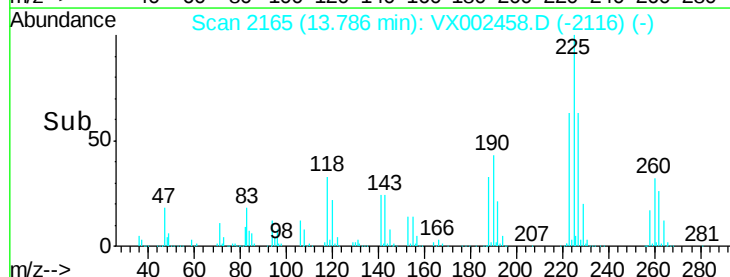
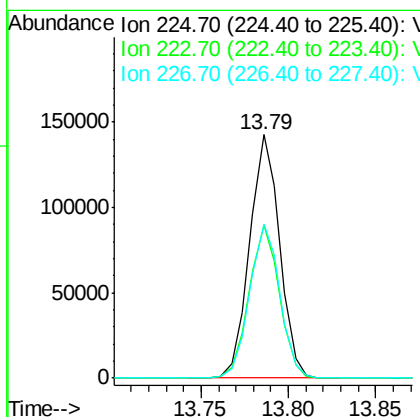
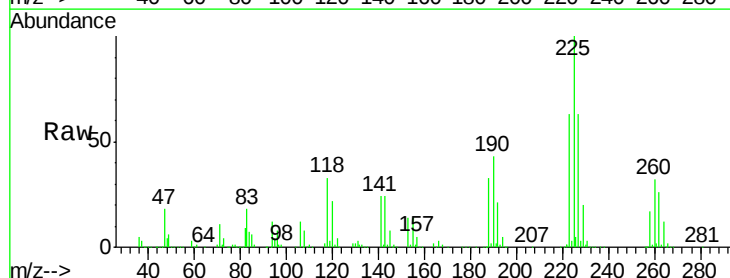
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#94
 Hexachlorobutadiene
 Concen: 61.366 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.6	95.0	
227	63.7	32.4	97.2	





#95

Naphthalene

Concen: 49.042 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

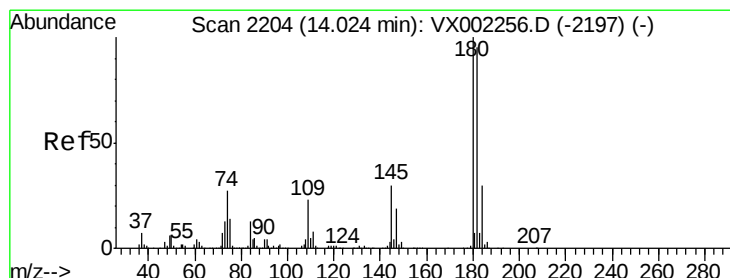
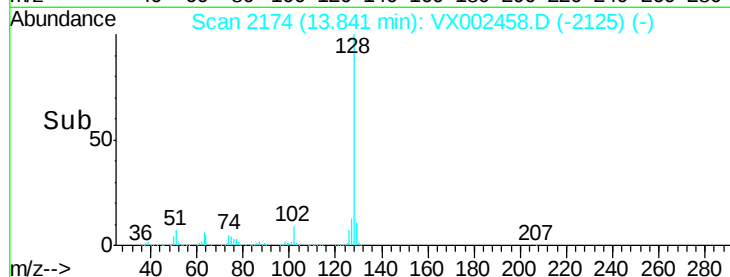
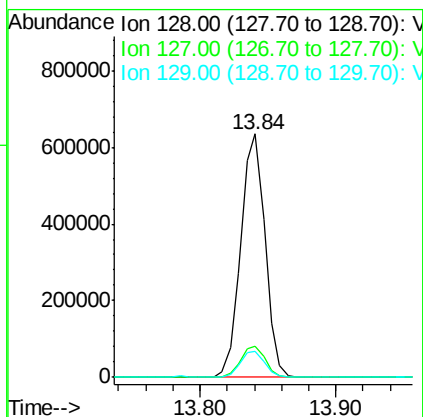
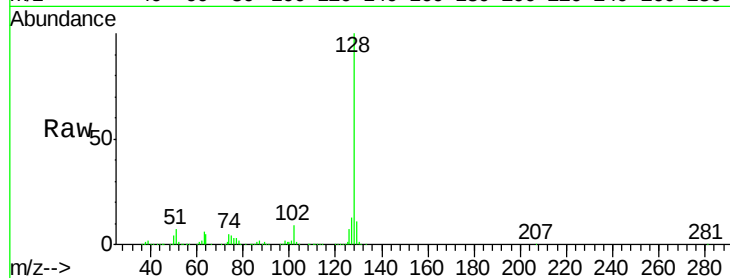
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	788889
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 52.471 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion:	180	Resp:	299599
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.0
145	29.7	14.8	44.3

