

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002321.D
 Acq On : 05 Jun 2018 22:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:44 PM

Quant Time: Jun 06 06:42:29 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	244707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168137	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	128158	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	8.72	98	509592	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	195418	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129896	51.063	ug/l	99
3) Chloromethane	1.32	50	154493	53.188	ug/l	100
4) Vinyl Chloride	1.41	62	166874	52.051	ug/l	100
5) Bromomethane	1.64	94	102215	56.792	ug/l	98
6) Chloroethane	1.72	64	107214	51.698	ug/l	99
7) Trichlorofluoromethane	1.93	101	272675	55.822	ug/l	98
8) Diethyl Ether	2.19	74	97200	56.297	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	149732	56.802	ug/l	99
10) Methyl Iodide	2.51	142	198292	53.481	ug/l	99
11) Tert butyl alcohol	3.08	59	198927	279.730	ug/l	99
12) 1,1-Dichloroethene	2.37	96	137379	52.735	ug/l	99
13) Acrolein	2.30	56	90980	262.330	ug/l	100
14) Allyl chloride	2.73	41	270871	47.913	ug/l	99
15) Acrylonitrile	3.15	53	419165	282.717	ug/l	99
16) Acetone	2.45	43	393871	262.685	ug/l	99
17) Carbon Disulfide	2.57	76	315639	45.971	ug/l	98
18) Methyl Acetate	2.78	43	197716	56.764	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	505480	56.008	ug/l	98
20) Methylene Chloride	2.86	84	155339	56.502	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	145731	50.728	ug/l	97
22) Diisopropyl ether	3.88	45	484134	51.298	ug/l	99
23) Vinyl Acetate	3.83	43	2059097	224.674	ug/l	99
24) 1,1-Dichloroethane	3.70	63	284145	50.853	ug/l	99
25) 2-Butanone	4.71	43	542386	226.056	ug/l	100
26) 2,2-Dichloropropane	4.59	77	164623	37.691	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	145060	46.431	ug/l	94
28) Bromochloromethane	5.03	49	122368	51.607	ug/l	99
29) Tetrahydrofuran	5.17	42	354821	229.368	ug/l	99
30) Chloroform	5.22	83	259048	48.045	ug/l	97
31) Cyclohexane	5.58	56	225836	51.113	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	227894	49.838	ug/l	99
36) 1,1-Dichloropropene	5.81	75	188830	49.912	ug/l	100
37) Ethyl Acetate	4.87	43	217215	47.742	ug/l	99
38) Carbon Tetrachloride	5.79	117	199194	50.329	ug/l	99

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 6/6/2018 4:10:44 PM

Quant Time: Jun 06 06:42:29 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	227670	48.716	ug/l	98
40) Benzene	6.15	78	566377	48.825	ug/l	99
41) Methacrylonitrile	5.07	41	121734	46.739	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222867	48.357	ug/l	100
43) Isopropyl Acetate	6.47	43	358346	46.371	ug/l	100
44) Trichloroethene	7.22	130	163898	50.908	ug/l	96
45) 1,2-Dichloropropane	7.52	63	151289	48.310	ug/l	97
46) Dibromomethane	7.67	93	101806	47.955	ug/l	99
47) Bromodichloromethane	7.90	83	184354	48.015	ug/l	97
48) Methyl methacrylate	7.78	41	186082	47.937	ug/l	99
49) 1,4-Dioxane	7.76	88	72987	1005.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1179294	245.048	ug/l	100
52) Toluene	8.79	92	372359	50.470	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	218398	47.432	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	202984	46.727	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151098	49.794	ug/l	99
56) Ethyl methacrylate	9.18	69	232715	48.036	ug/l	100
57) 1,3-Dichloropropane	9.38	76	250084	49.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	557342	248.563	ug/l	100
59) 2-Hexanone	9.50	43	906855	243.962	ug/l	99
60) Dibromochloromethane	9.59	129	152704	50.031	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158217	50.006	ug/l	100
64) Tetrachloroethene	9.34	164	187444	51.776	ug/l	99
65) Chlorobenzene	10.14	112	430384	49.273	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	155102	49.040	ug/l	99
67) Ethyl Benzene	10.26	91	744037	50.900	ug/l	99
68) m/p-Xylenes	10.37	106	580031	102.077	ug/l	99
69) o-Xylene	10.70	106	285737	50.530	ug/l	99
70) Styrene	10.72	104	479176	51.835	ug/l	100
71) Bromoform	10.86	173	116843	41.856	ug/l	99
73) Isopropylbenzene	11.02	105	776253	48.726	ug/l	100
74) N-amyl acetate	6.47	43	358346	41.745	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221102	44.127	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	219845m	43.750	ug/l	
77) Bromobenzene	11.26	156	210622	47.093	ug/l	97
78) n-propylbenzene	11.37	91	885526	50.010	ug/l	100
79) 2-Chlorotoluene	11.43	91	520636	46.565	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666705	48.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55465	38.691	ug/l	93
82) 4-Chlorotoluene	11.51	91	620812	48.105	ug/l	99
83) tert-Butylbenzene	11.77	119	640725	48.152	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	688201	48.927	ug/l	100
85) sec-Butylbenzene	11.95	105	797589	51.130	ug/l	100
86) p-Isopropyltoluene	12.07	119	722436	50.844	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	383586	47.967	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	389570	47.262	ug/l	99
89) n-Butylbenzene	12.39	91	619753	52.007	ug/l	100
90) Hexachloroethane	12.60	117	104748	46.182	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	389815	47.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50792	46.355	ug/l	99

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VSTDCCC050

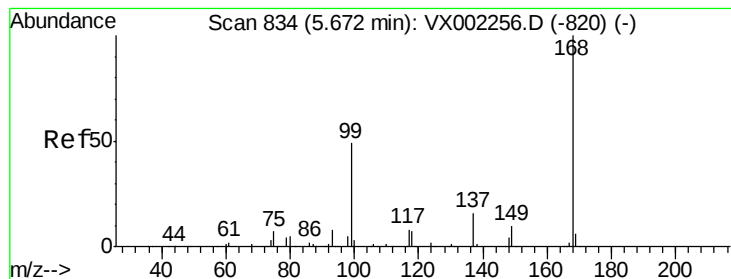
Manual Integrations
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6/6/2018 4:10:44 PM

Quant Time: Jun 06 06:42:29 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)
93) 1,2,4-Trichlorobenzene	13.65	180	280701	48.383	ug/l	100
94) Hexachlorobutadiene	13.79	225	148777	51.895	ug/l	99
95) Naphthalene	13.84	128	810448	48.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290887	49.163	ug/l	99

(#) = 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: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 244707

Ion Ratio Lower Upper

168 100

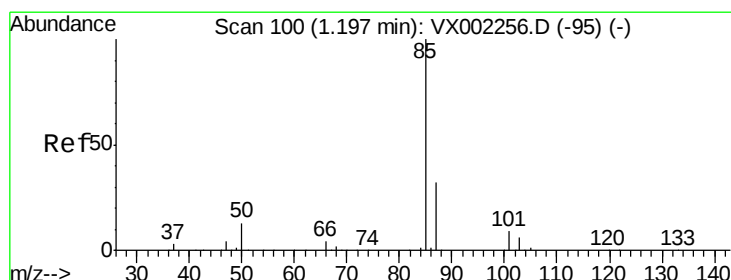
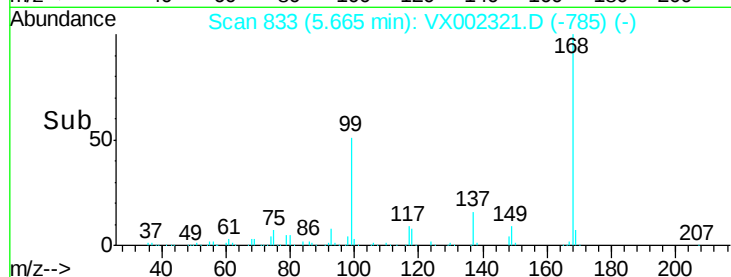
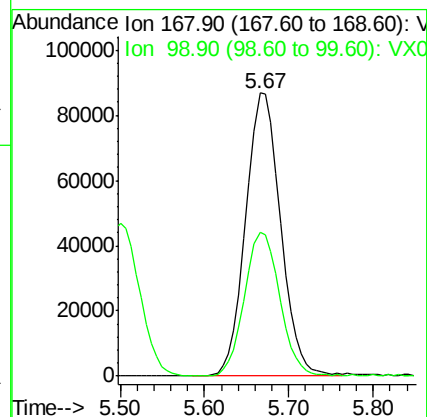
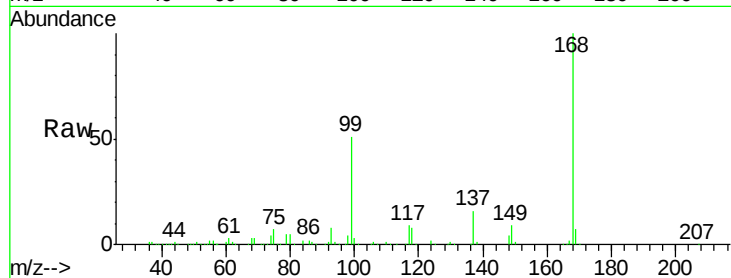
99 50.8 39.3 58.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.063 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002321.D

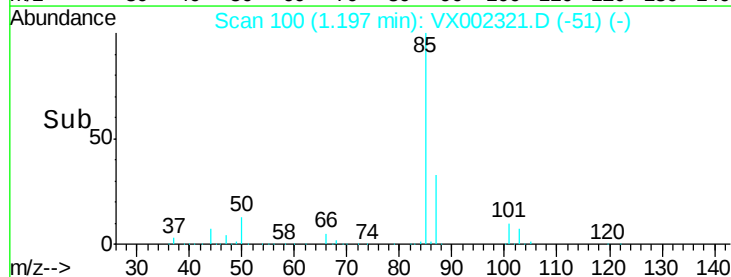
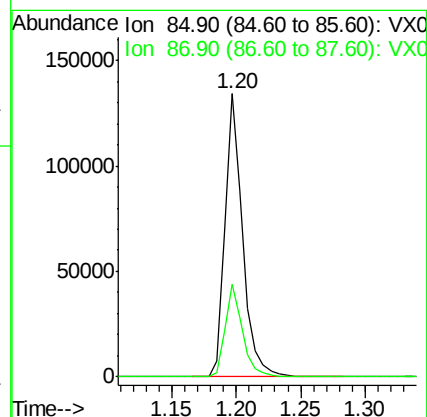
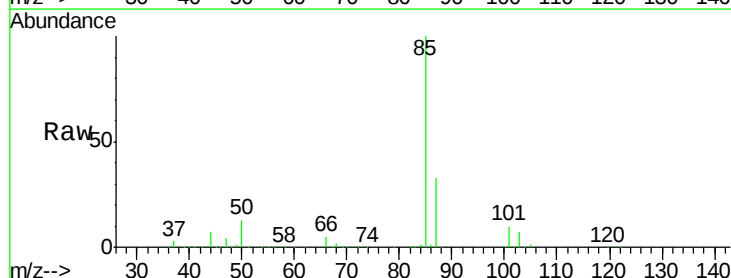
Acq: 05 Jun 2018 22:37

Tgt Ion: 85 Resp: 129896

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9





#3

Chloromethane

Concen: 53.188 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 154493

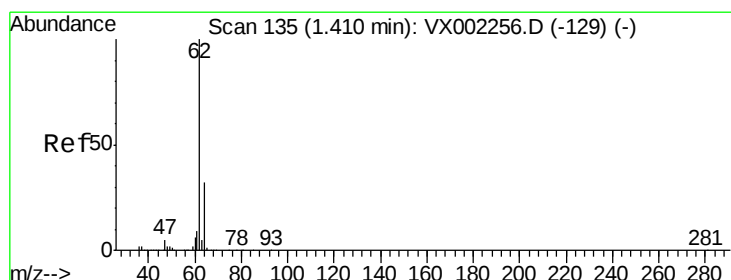
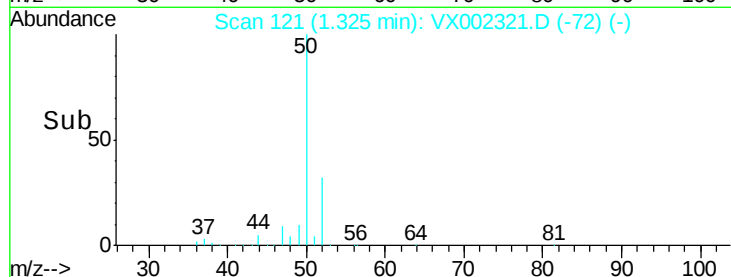
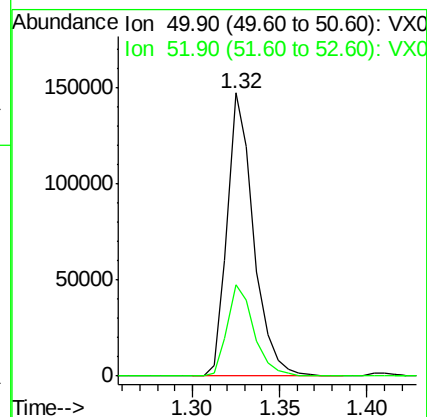
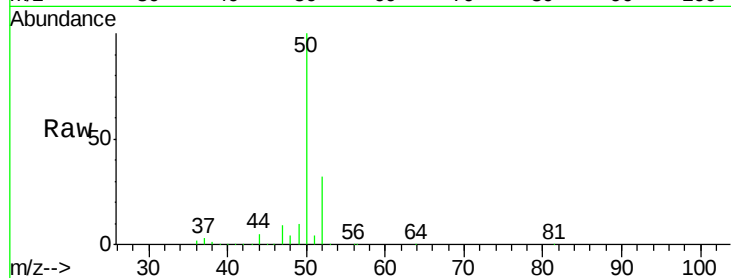
Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 52.051 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002321.D

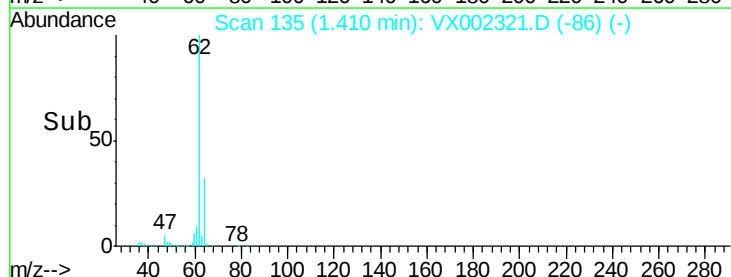
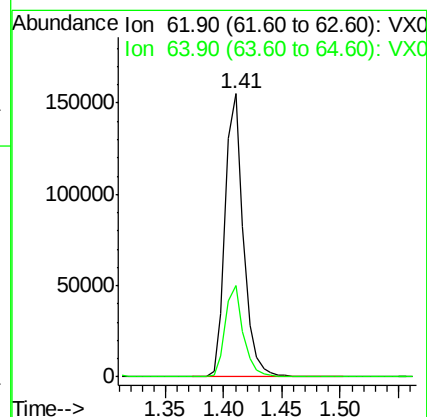
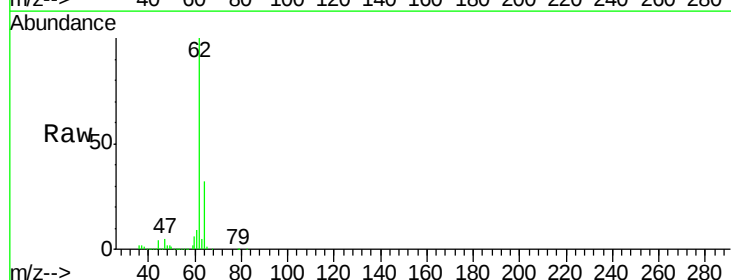
Acq: 05 Jun 2018 22:37

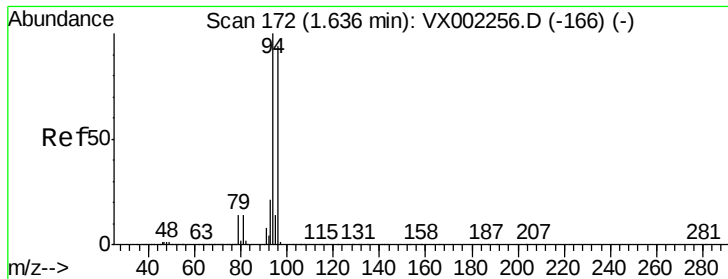
Tgt Ion: 62 Resp: 166874

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 56.792 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 102215

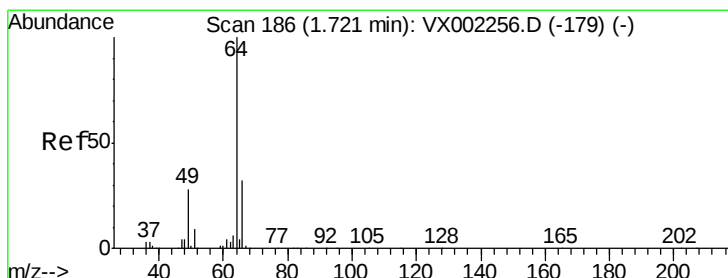
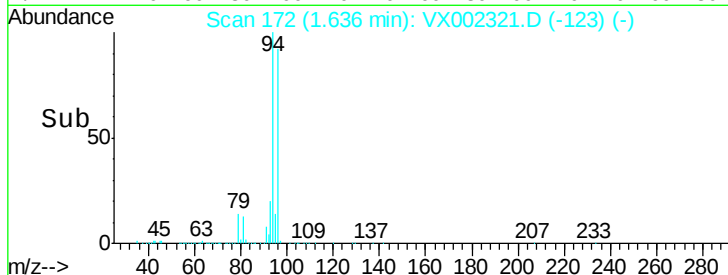
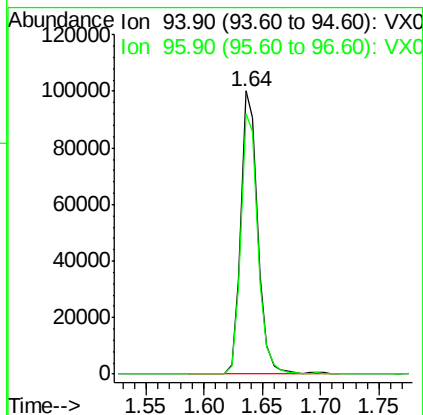
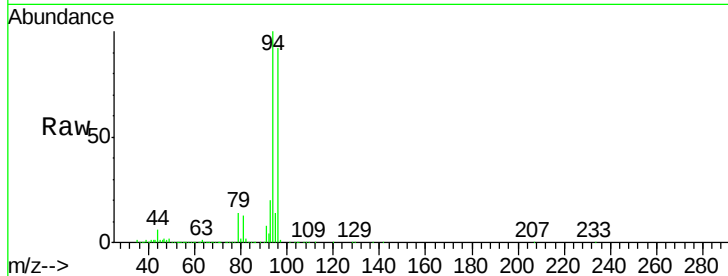
Ion Ratio Lower Upper

94 100

96 92.1 74.9 112.3

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#6

Chloroethane

Concen: 51.698 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002321.D

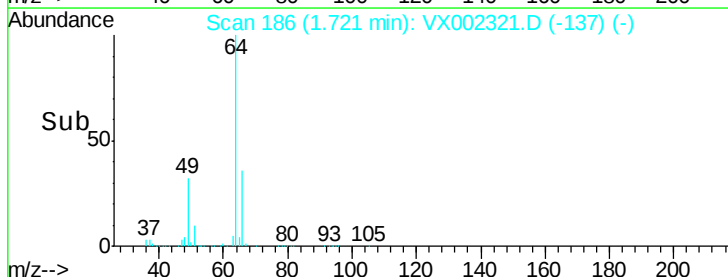
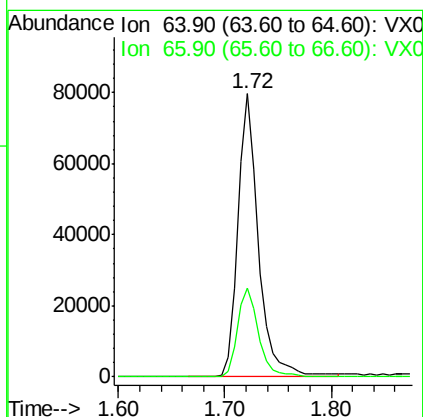
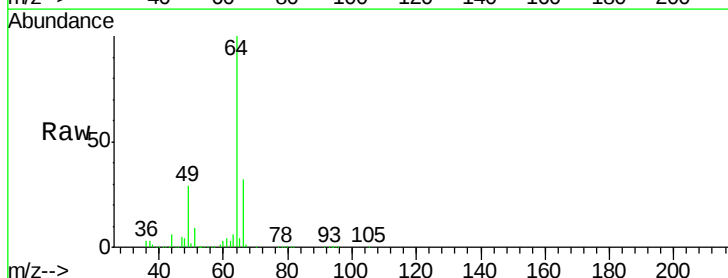
Acq: 05 Jun 2018 22:37

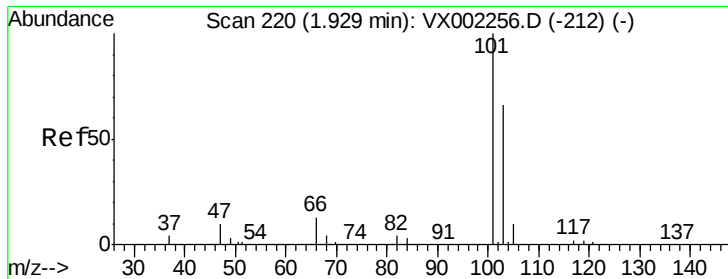
Tgt Ion: 64 Resp: 107214

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3





#7

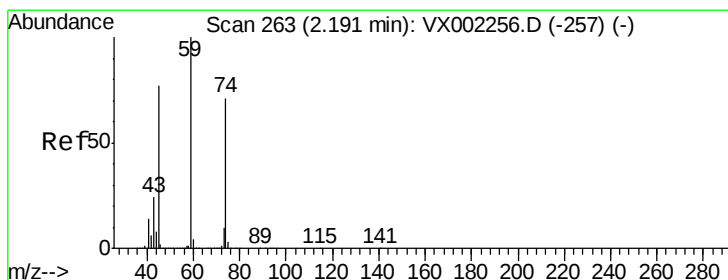
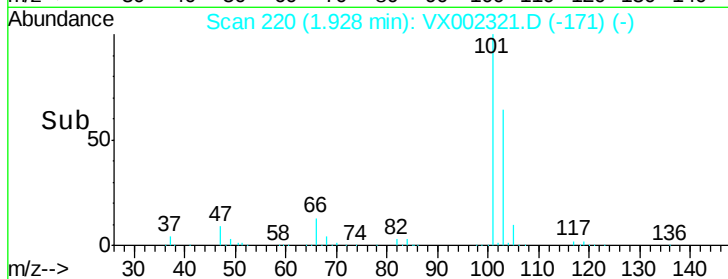
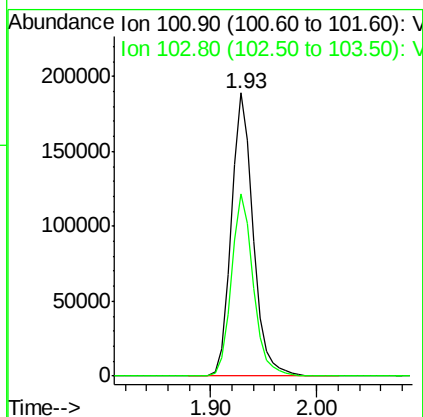
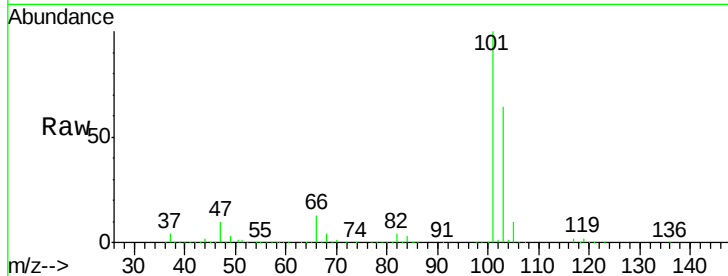
Trichlorofluoromethane
Concen: 55.822 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		272675		
103	64.3	52.8	79.2		

Manual Integrations
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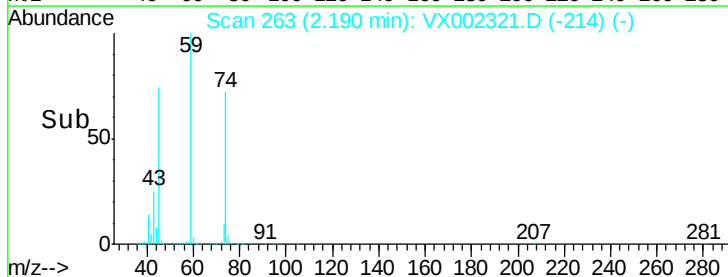
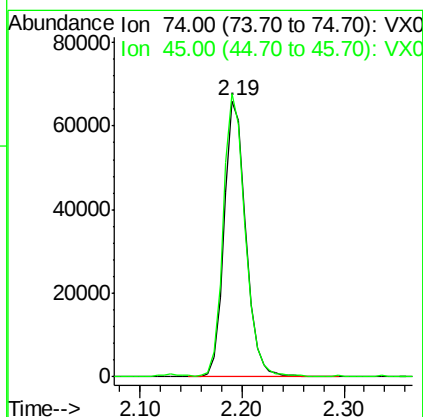
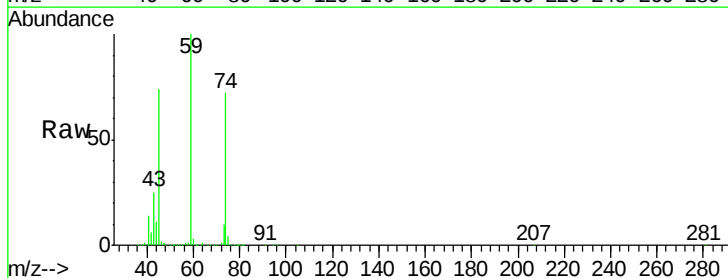
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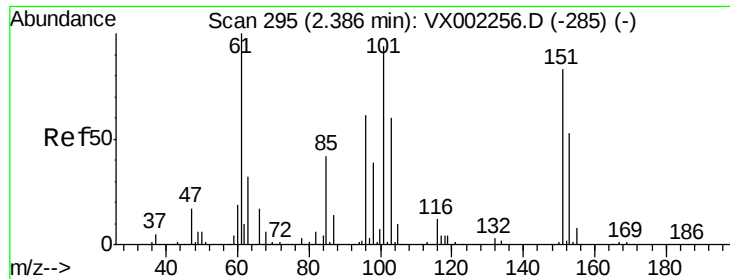


#8

Diethyl Ether
Concen: 56.297 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		97200		
45	102.6	53.1	159.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.802 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

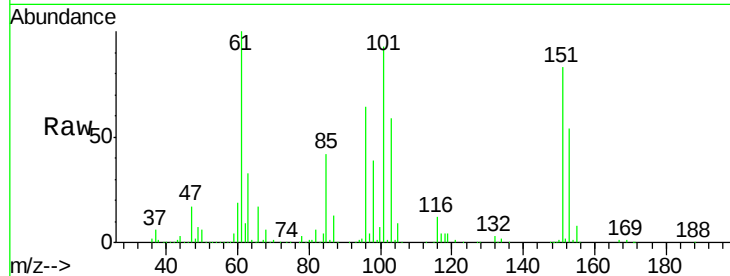
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	149732
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	89.3	70.9	106.3

Manual Integrations
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6/6/2018 4:10:44 PM

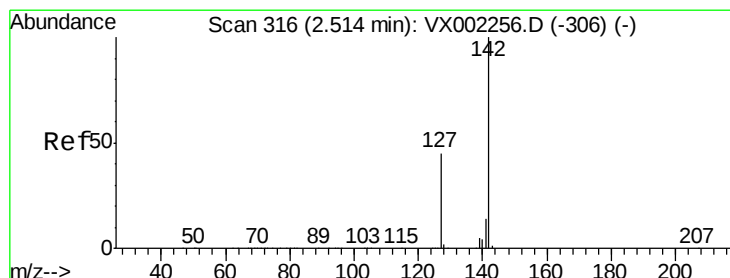
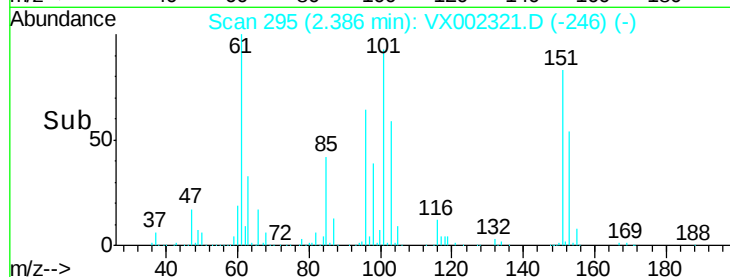
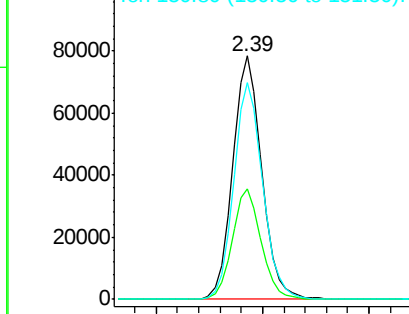


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.481 ug/l

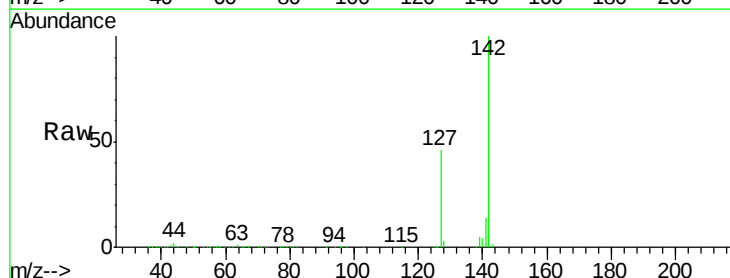
RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion:	142	Resp:	198292
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.6	55.0
141	14.2	11.3	16.9

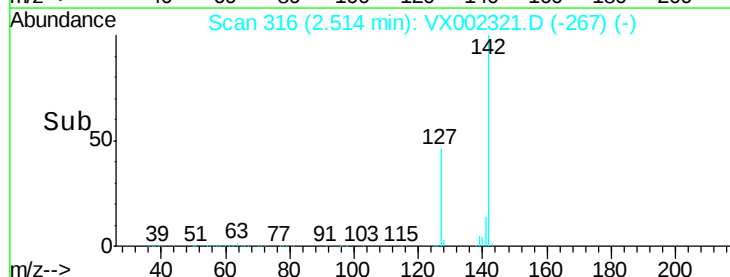
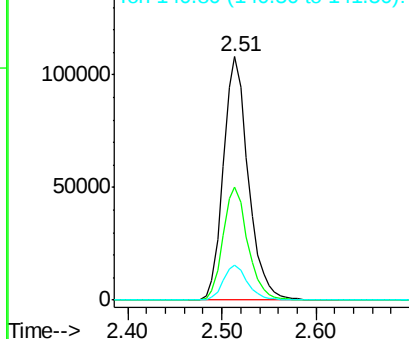


Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

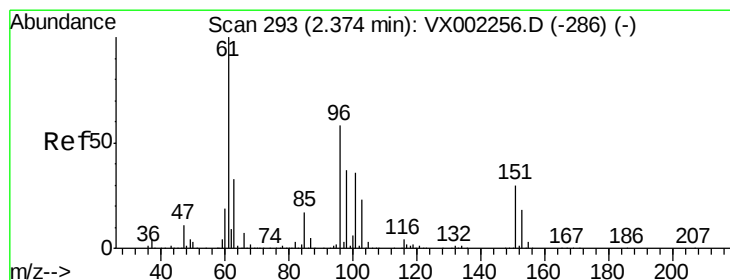
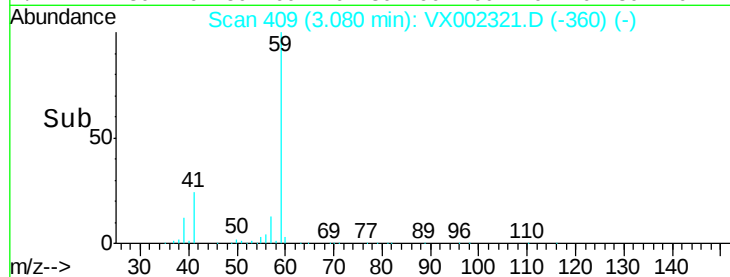
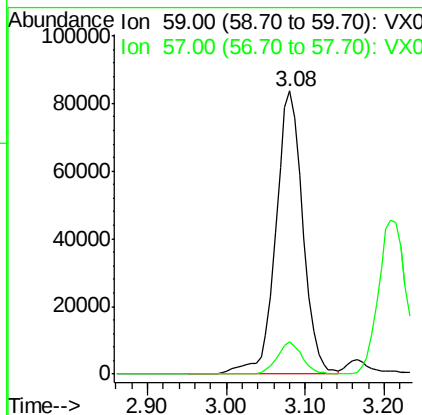
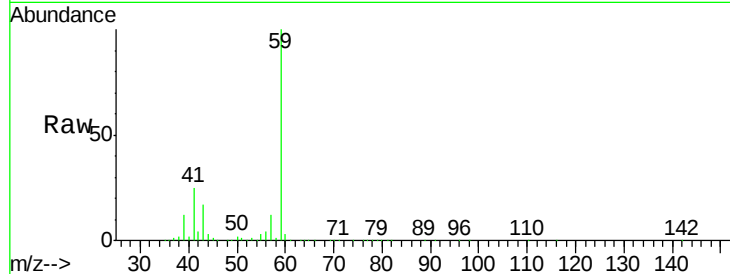
Tert butyl alcohol
 Concen: 279.730 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		198927		
57	10.4		8.2	12.2	

Manual Integrations
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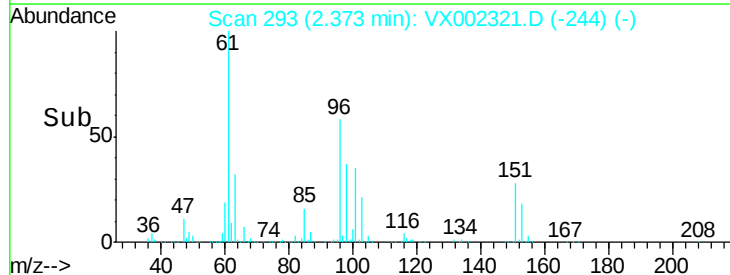
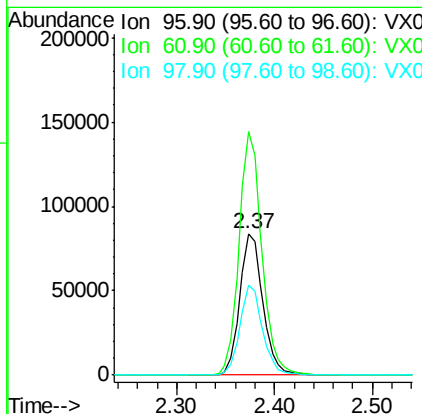
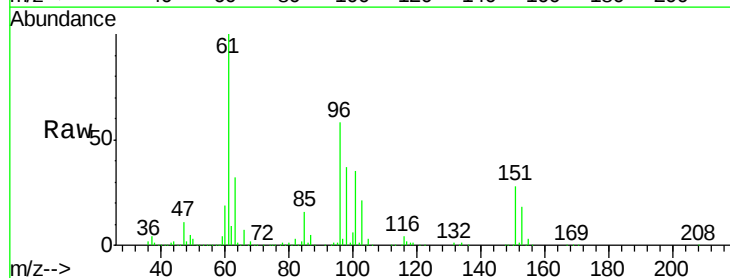
MMDadoda
 6/6/2018 4:10:44 PM

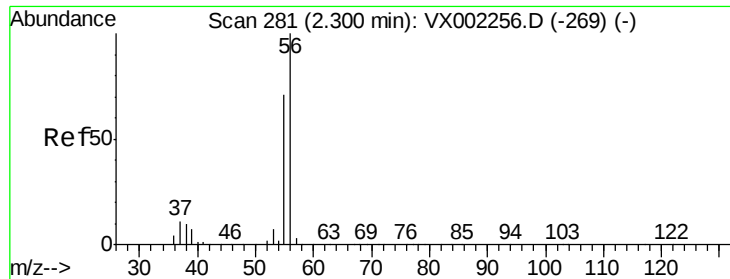


#12

1,1-Dichloroethene
 Concen: 52.735 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		137379		
61	171.8		137.9	206.9	
98	63.3		51.6	77.4	





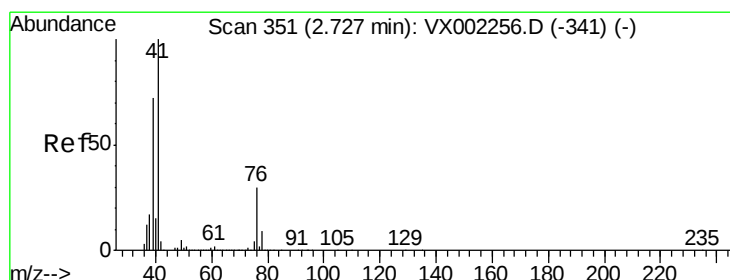
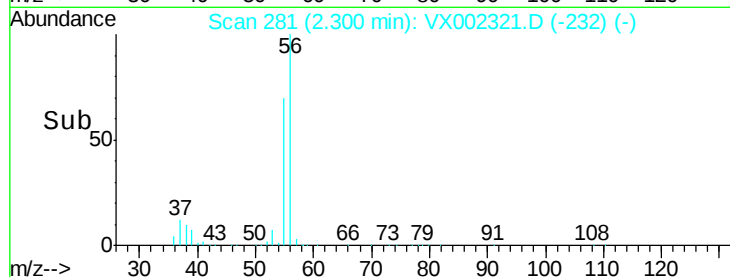
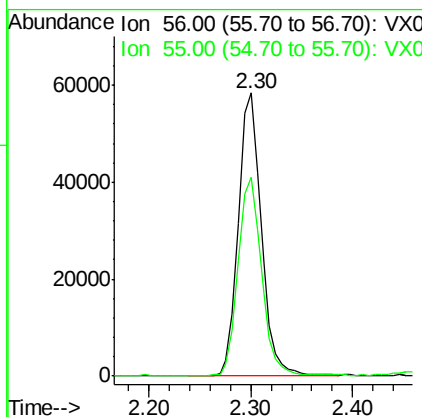
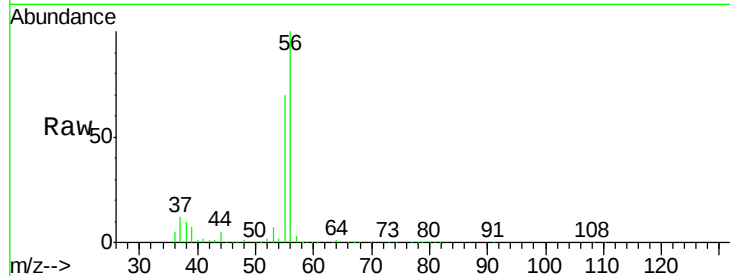
#13
Acrolein
Concen: 262.330 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.0	85.4

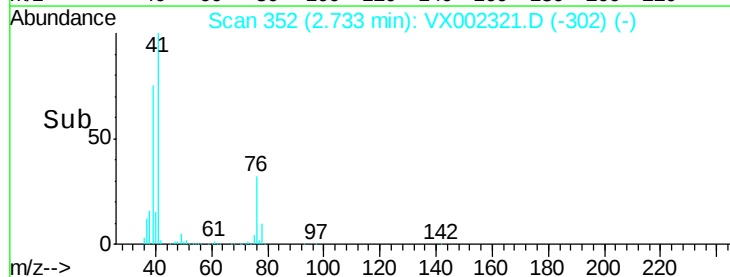
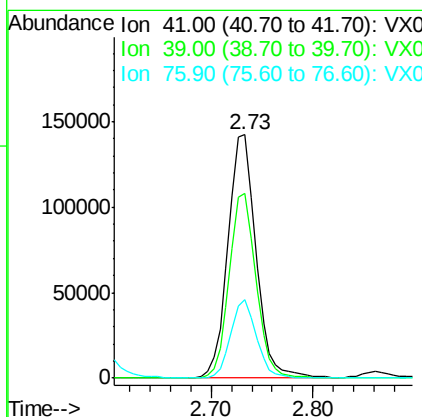
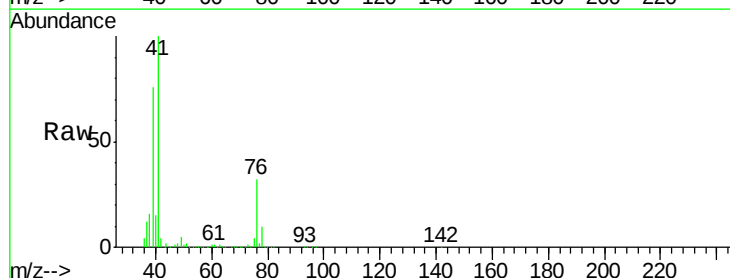
Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:44 PM



#14
Allyl chloride
Concen: 47.913 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.3	56.8	85.2
76	29.7	23.8	35.8





#15

Acrylonitrile

Concen: 282.717 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

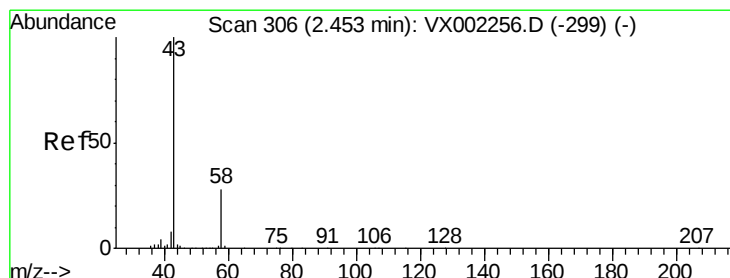
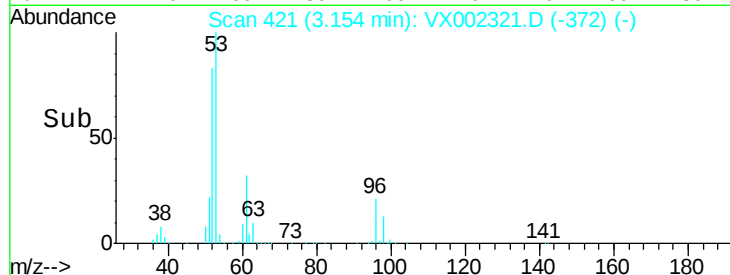
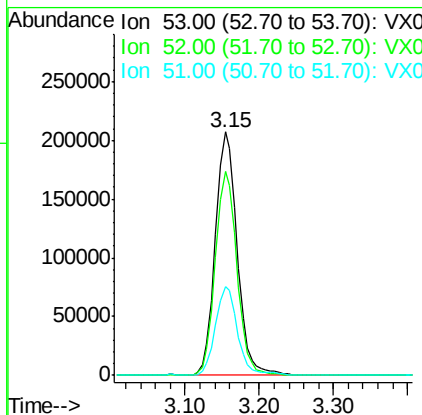
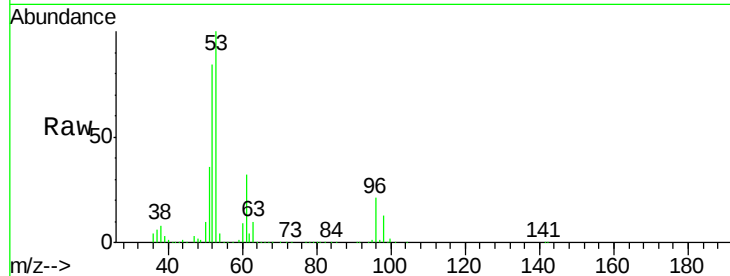
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	419165
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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6/6/2018 4:10:44 PM



#16

Acetone

Concen: 262.685 ug/l

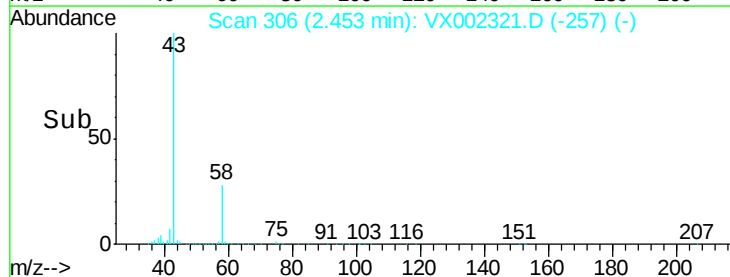
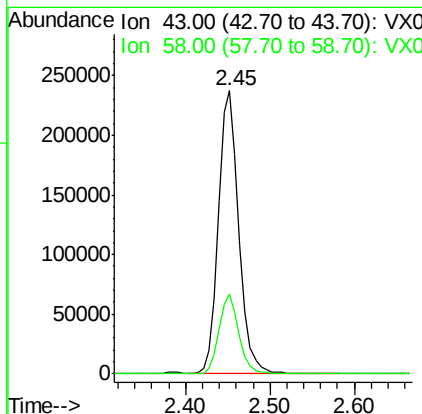
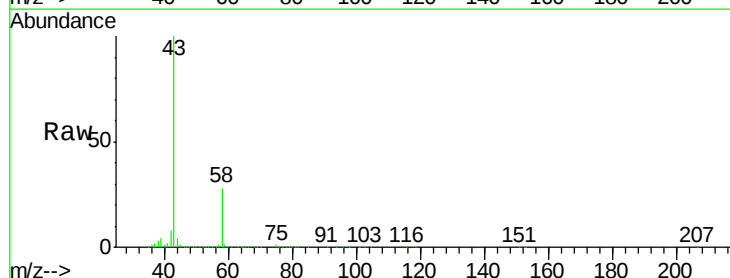
RT: 2.45 min Scan# 306

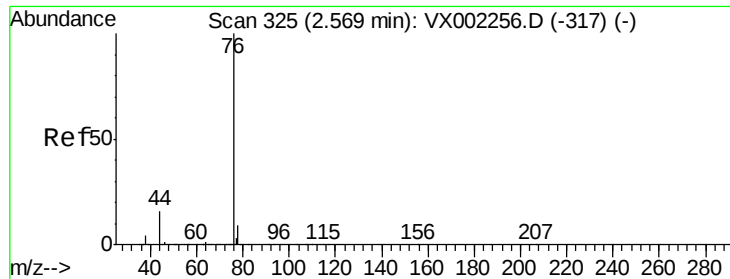
Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion:	43	Resp:	393871
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1





#17

Carbon Disulfide

Concen: 45.971 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 315639

Ion Ratio Lower Upper

76 100

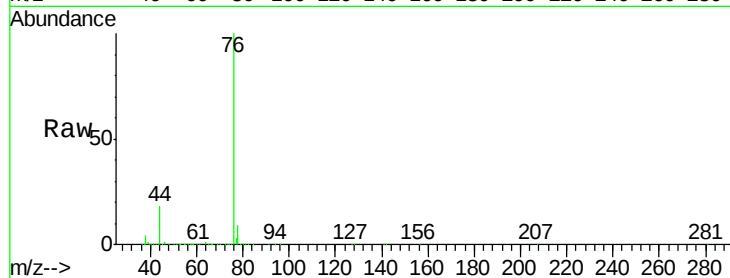
78 9.2 6.9 10.3

Manual Integrations

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6/6/2018 4:10:44 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

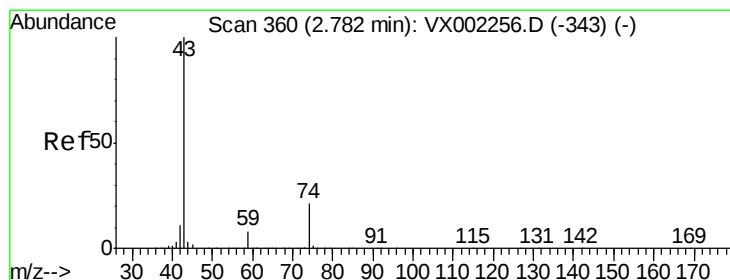
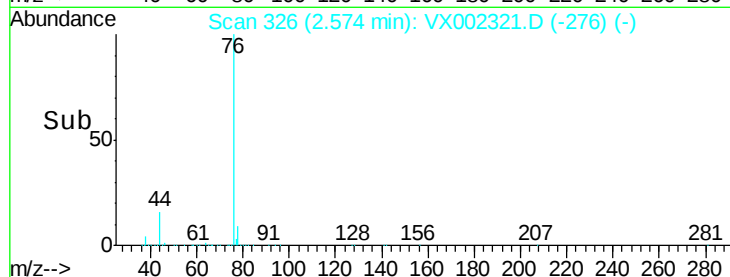
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.764 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002321.D

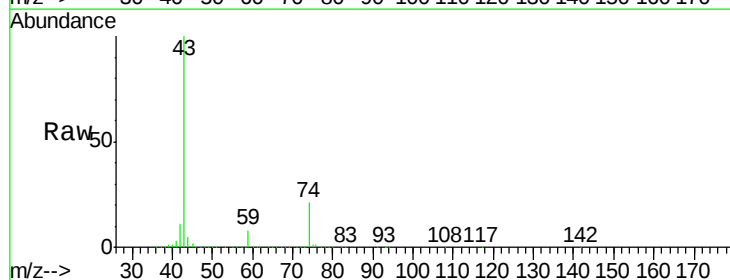
Acq: 05 Jun 2018 22:37

Tgt Ion: 43 Resp: 197716

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

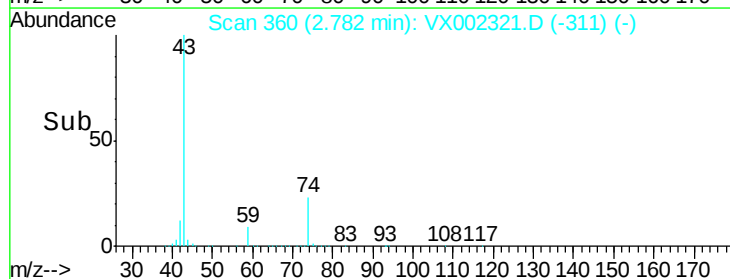
60000

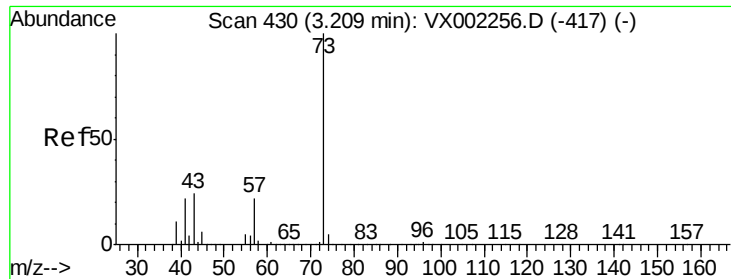
40000

20000

0

Time-->





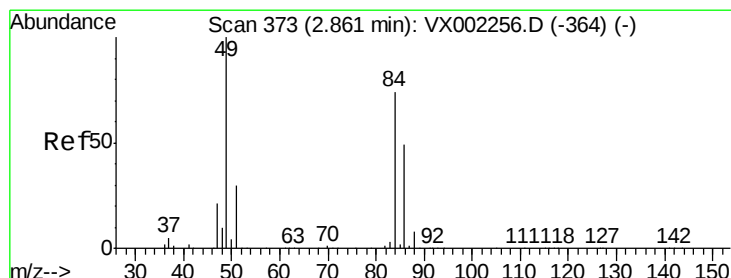
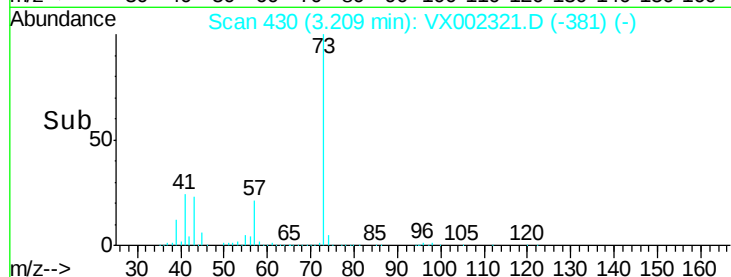
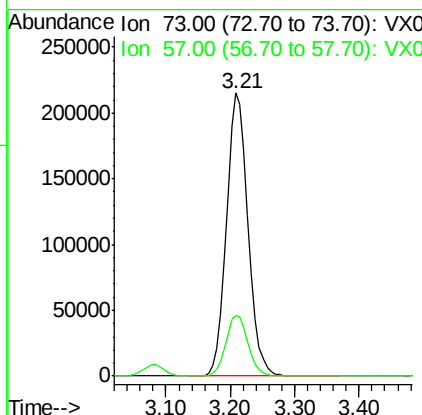
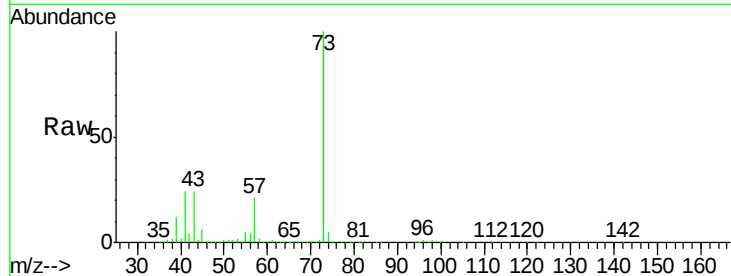
#19
Methvl tert-butvl Ether
Concen: 56.008 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 505480
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

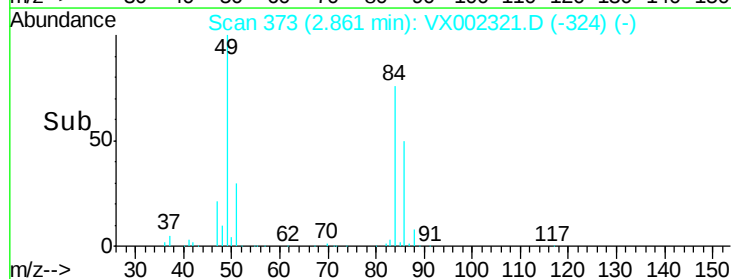
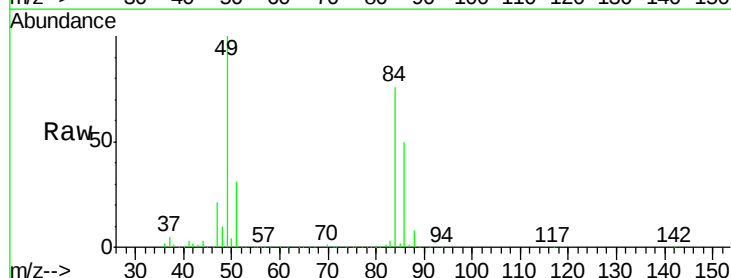
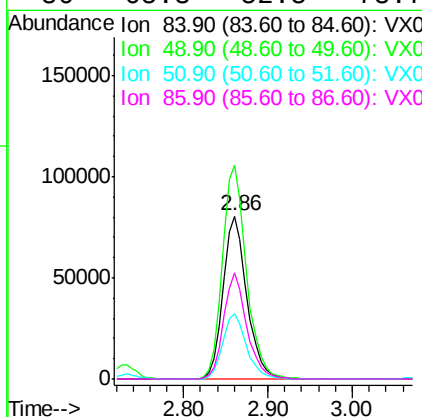
Manual Integrations
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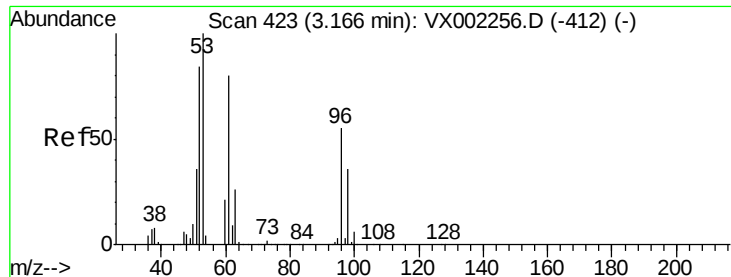
MMDadoda
6/6/2018 4:10:44 PM



#20
Methylene Chloride
Concen: 56.502 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 84 Resp: 155339
Ion Ratio Lower Upper
84 100
49 131.3 107.8 161.6
51 40.0 32.8 49.2
86 65.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.728 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

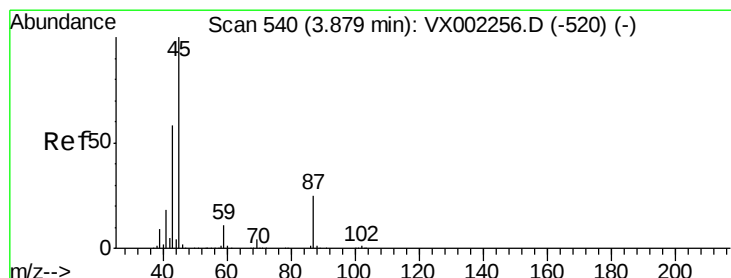
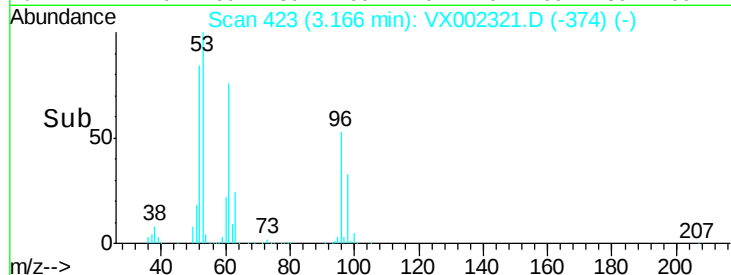
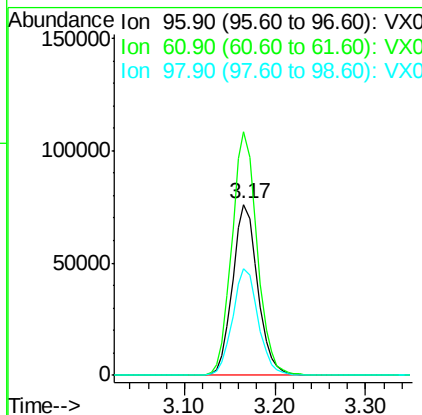
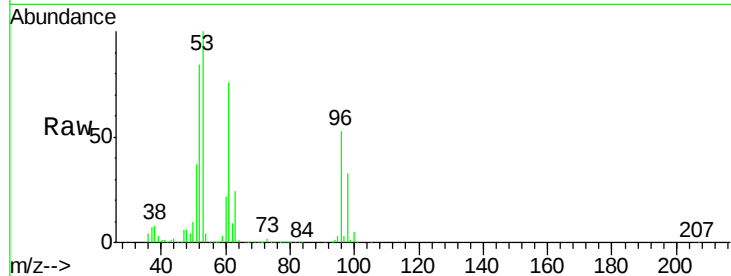
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	145731
Ion	Ratio	Lower	Upper
96	100		
61	142.5	117.0	175.4
98	62.4	52.4	78.6

Manual Integrations
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MMDadoda
6/6/2018 4:10:44 PM



#22

Diisopropyl ether

Concen: 51.298 ug/l

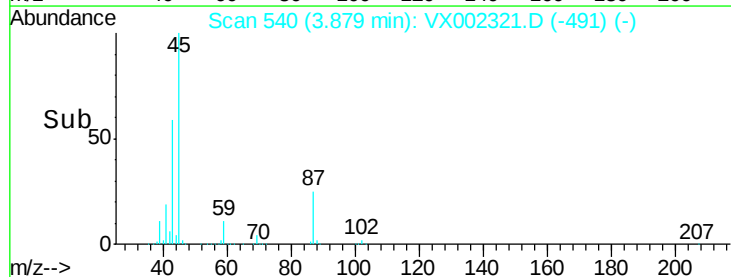
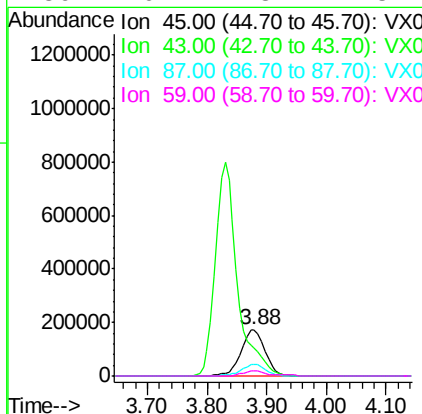
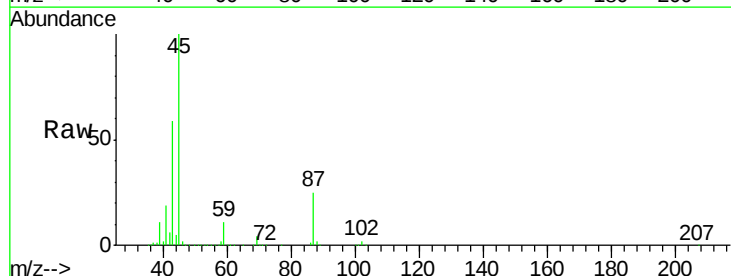
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion:	45	Resp:	484134
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.8	70.2
87	25.2	20.2	30.4
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 224.674 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2059097

Ion Ratio Lower Upper

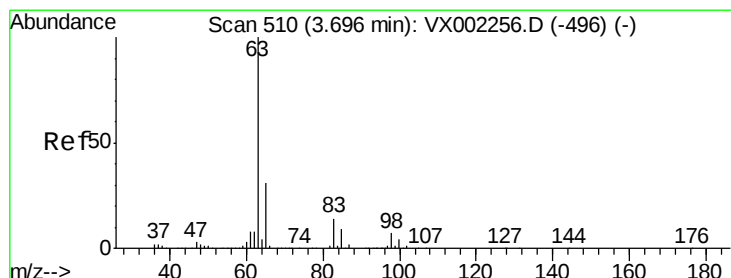
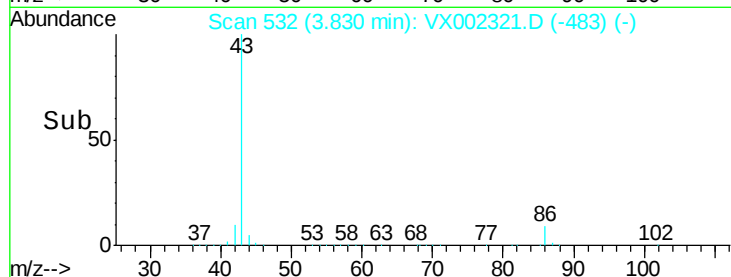
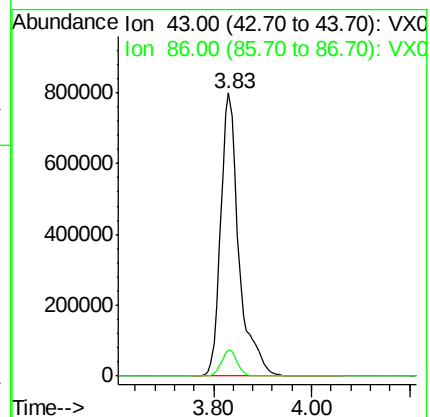
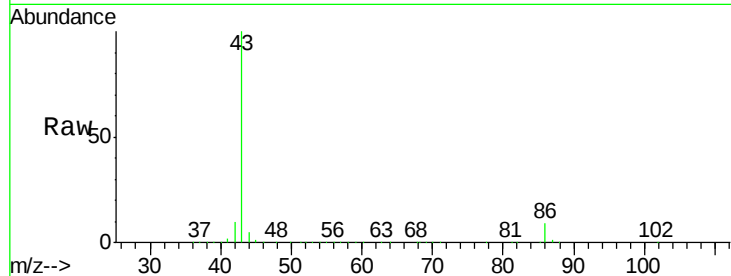
43 100

86 9.4 7.4 11.0

Manual Integrations
APPROVED

MMDadoda

6/6/2018 4:10:44 PM



#24

1,1-Dichloroethane

Concen: 50.853 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

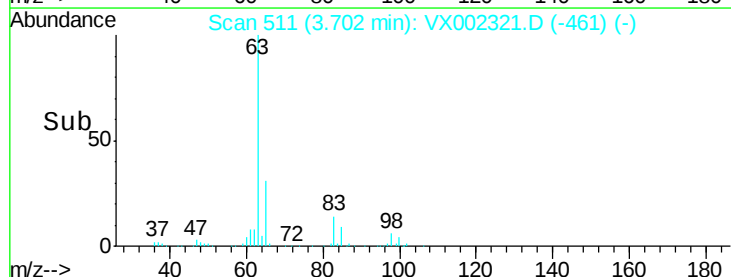
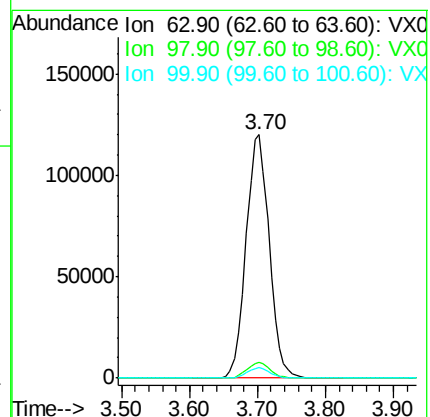
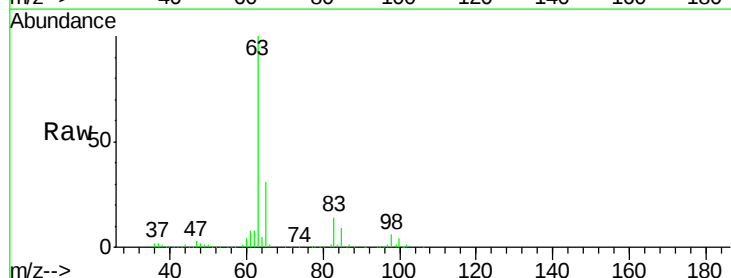
Tgt Ion: 63 Resp: 284145

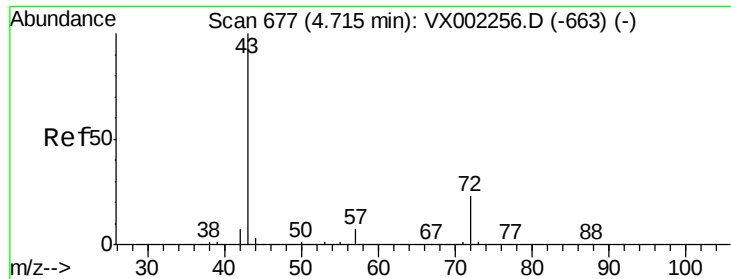
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 226.056 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 542386

Ion Ratio Lower Upper

43 100

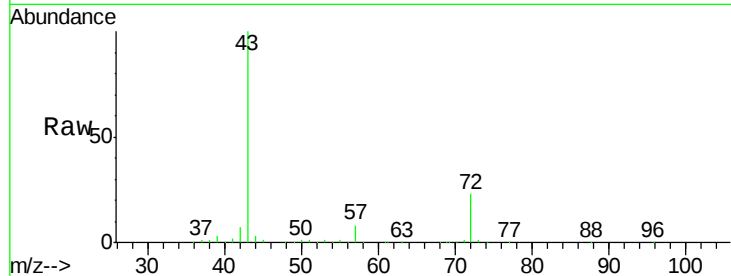
72 23.1 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/6/2018 4:10:44 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

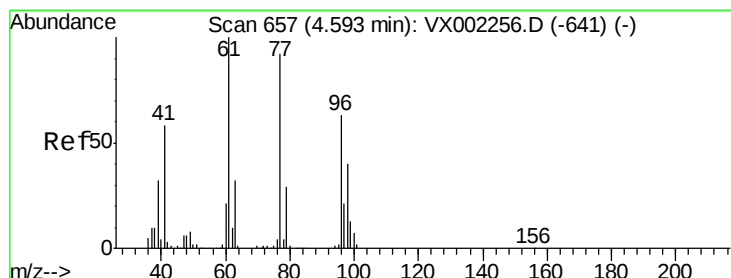
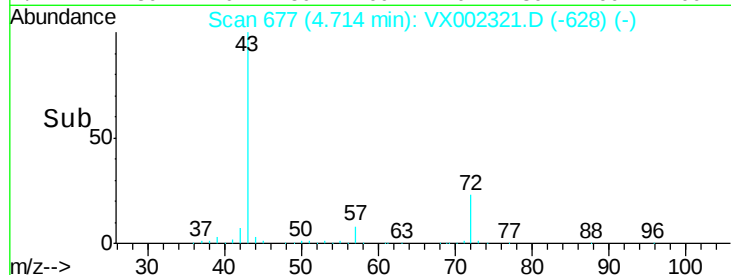
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.691 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002321.D

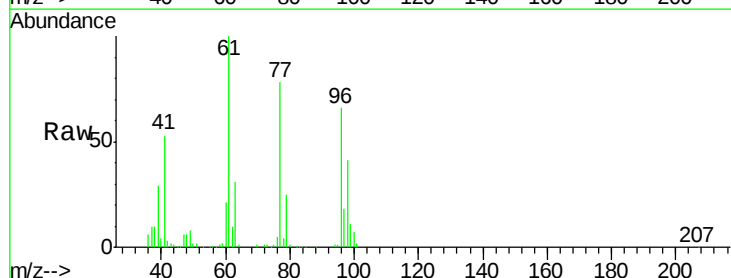
Acq: 05 Jun 2018 22:37

Tgt Ion: 77 Resp: 164623

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

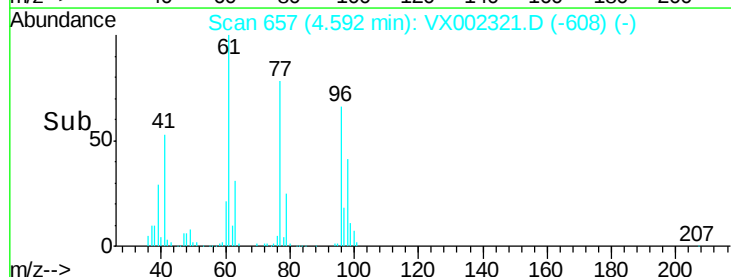
20000

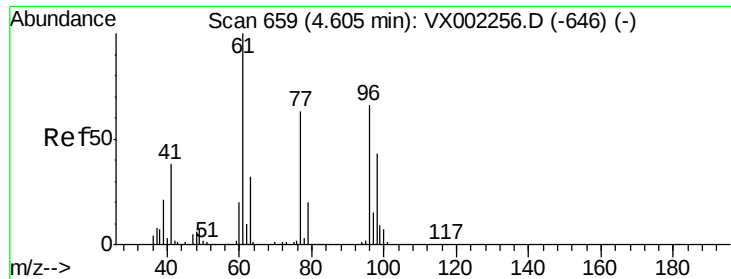
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

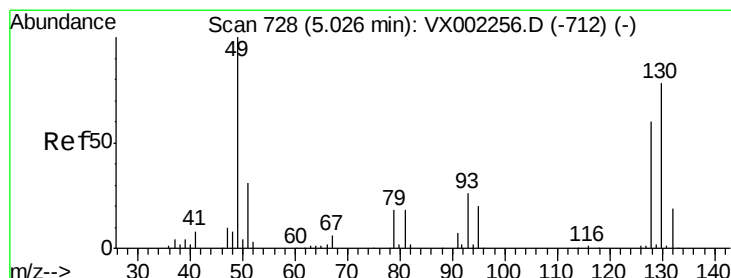
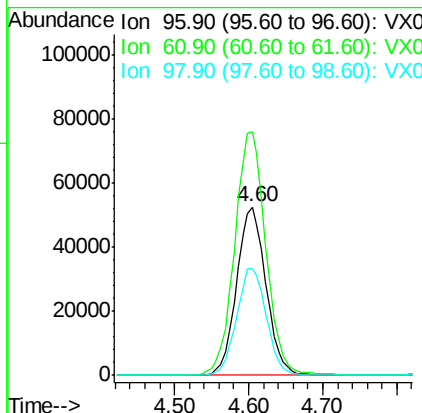
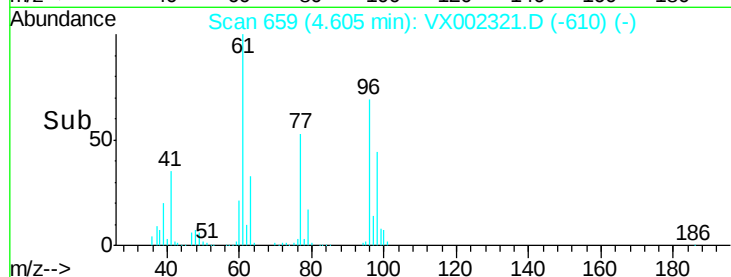
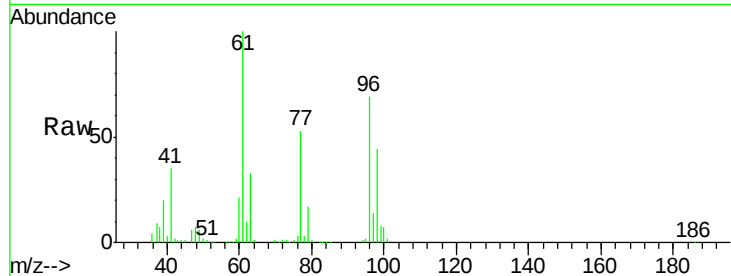
cis-1,2-Dichloroethene
Concen: 46.431 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.0	0.0	330.2	
98	64.8	0.0	130.2	

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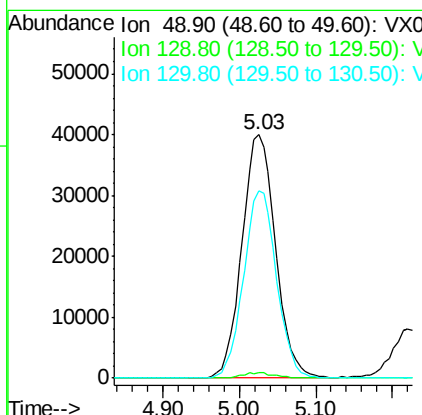
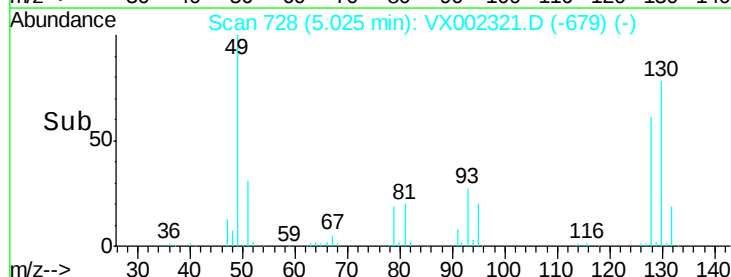
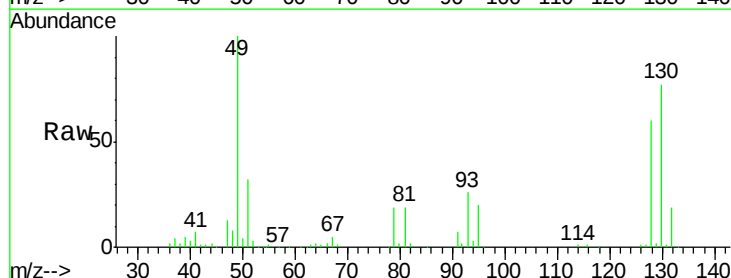
MMDadoda
6/6/2018 4:10:44 PM

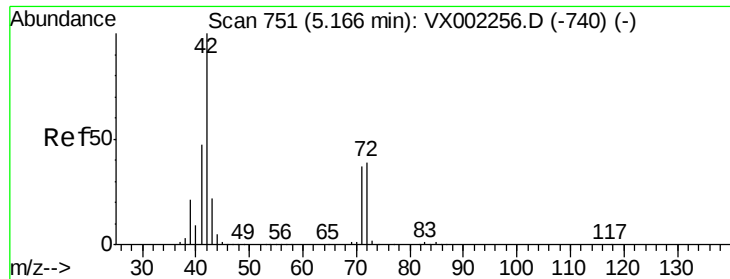


#28

Bromochloromethane
Concen: 51.607 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	75.5	61.2	91.8	





#29

Tetrahydrofuran

Concen: 229.368 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

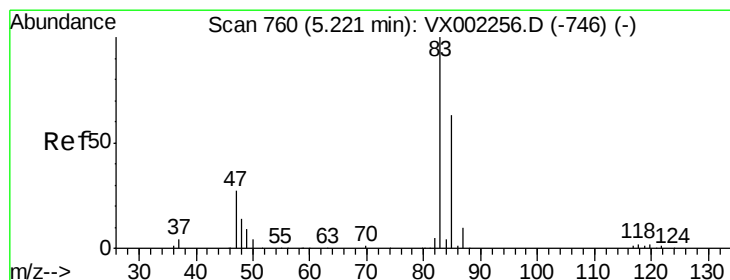
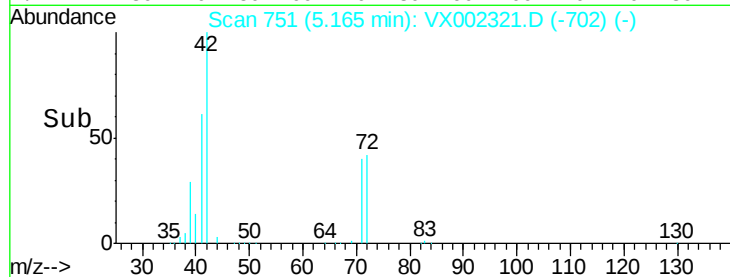
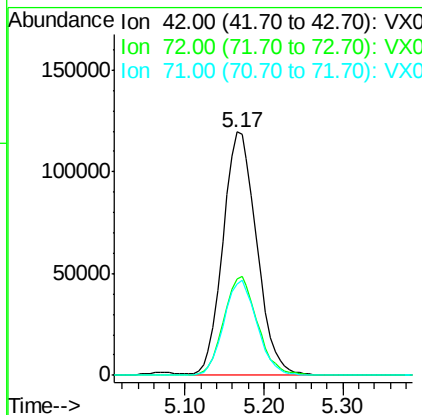
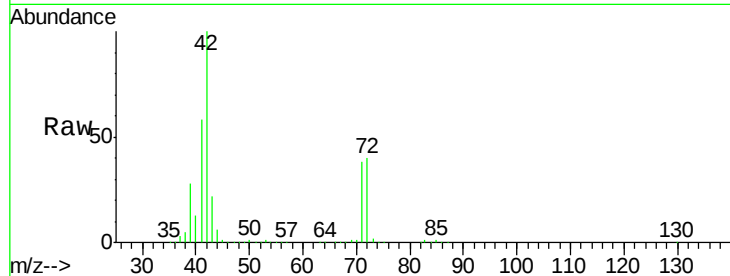
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	354821
Ion Ratio	Lower	Upper	
42	100		
72	40.8	32.0	48.0
71	38.6	30.1	45.1

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#30

Chloroform

Concen: 48.045 ug/l

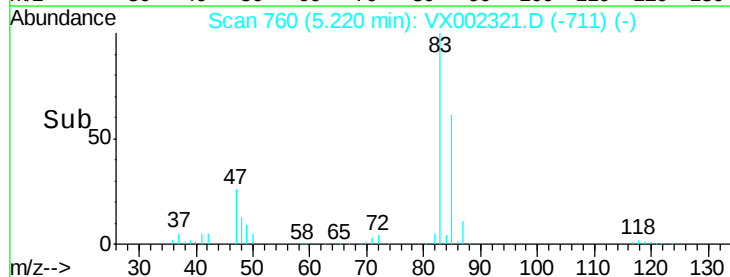
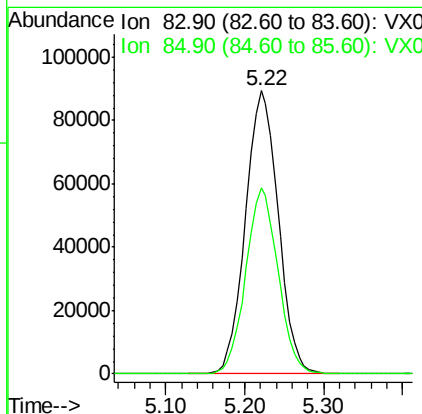
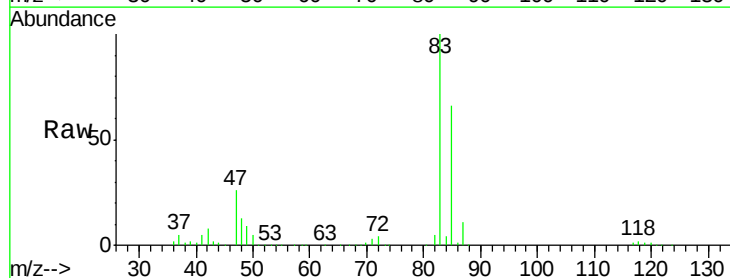
RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion:	83	Resp:	259048
Ion Ratio	Lower	Upper	
83	100		
85	65.6	50.4	75.6





#31

Cyclohexane

Concen: 51.113 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

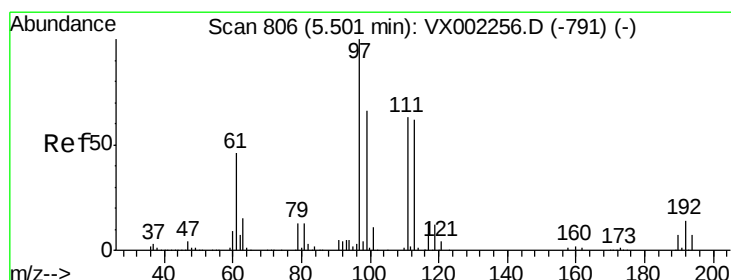
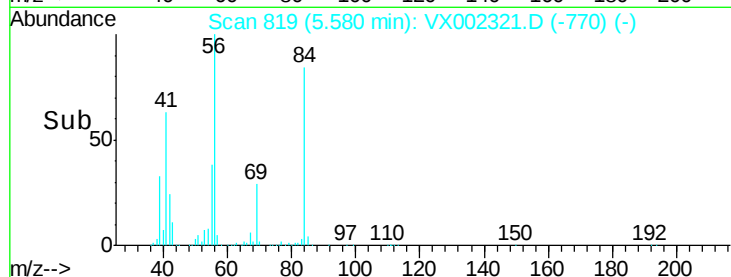
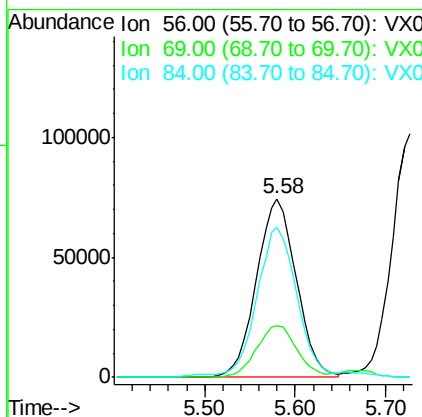
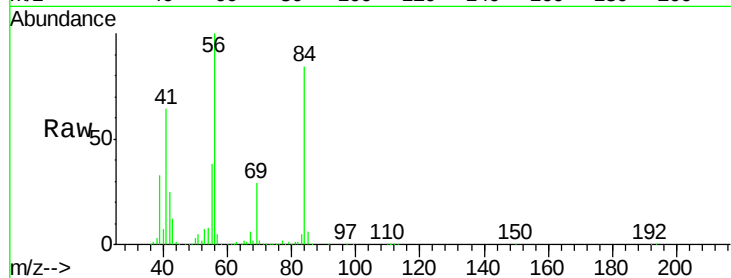
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.7	35.5
84	82.7	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.838 ug/l

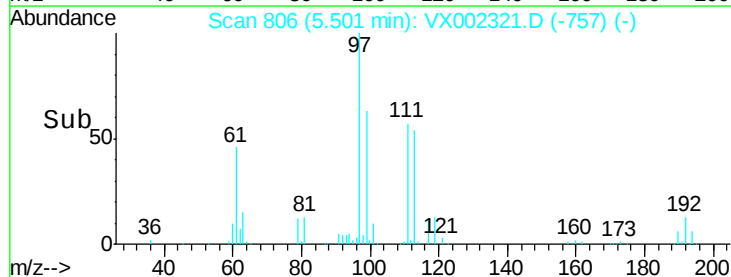
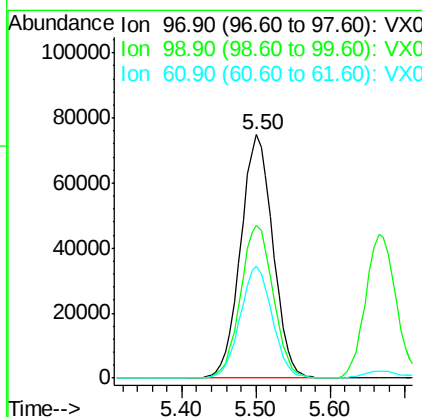
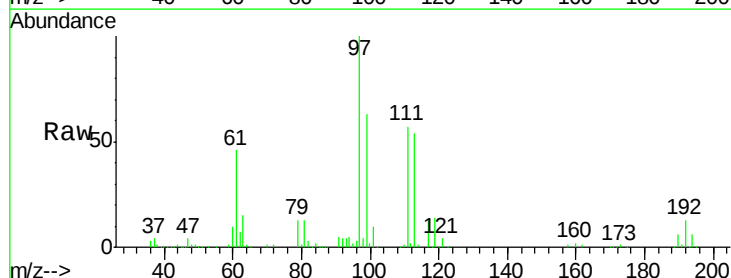
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	45.8	36.4	54.6





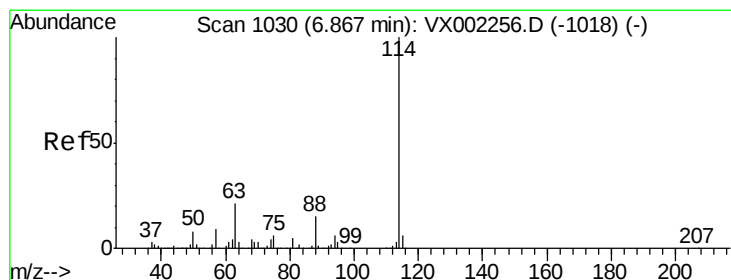
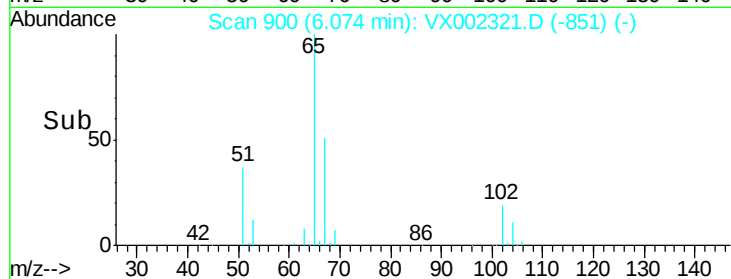
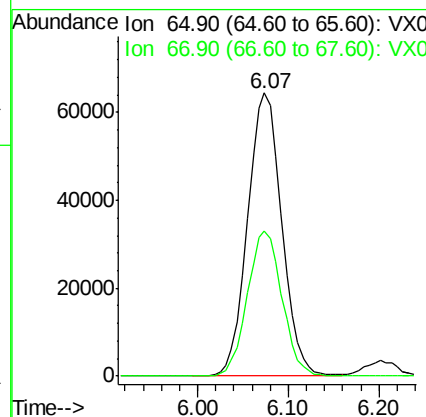
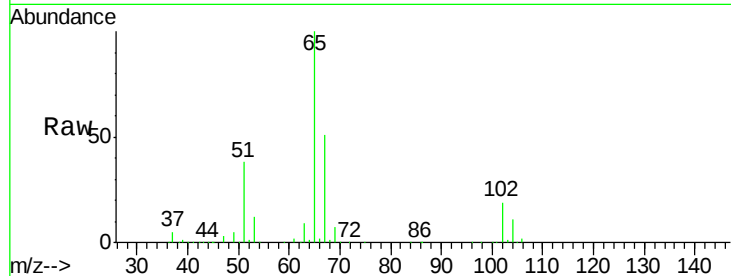
#33
 1,2-Dichloroethane-d4
 Concen: 47.904 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168137		
67	51.9	0.0	102.6	

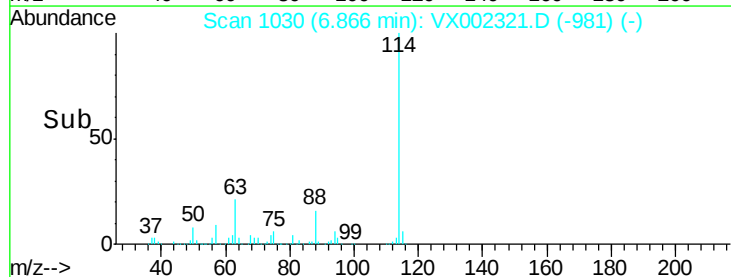
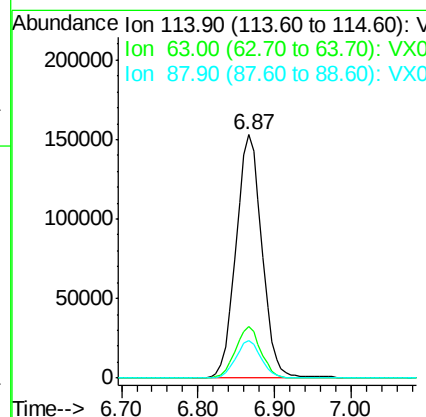
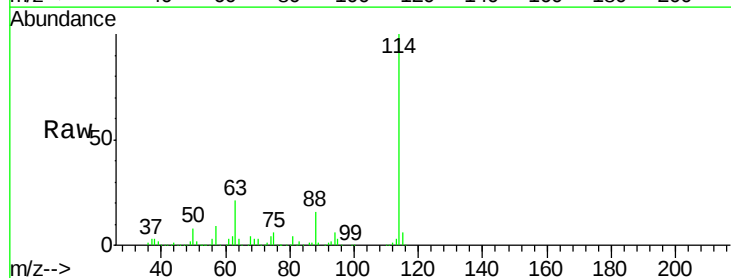
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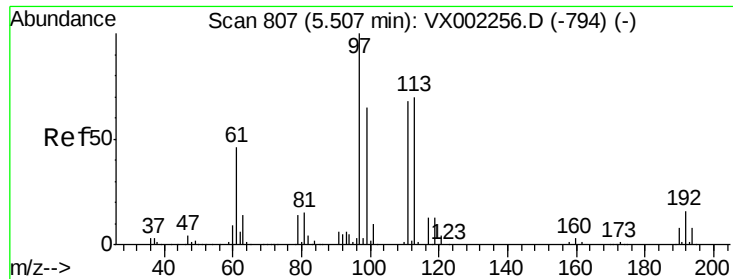
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	359870		
63	21.0	0.0	41.4	
88	15.5	0.0	30.0	





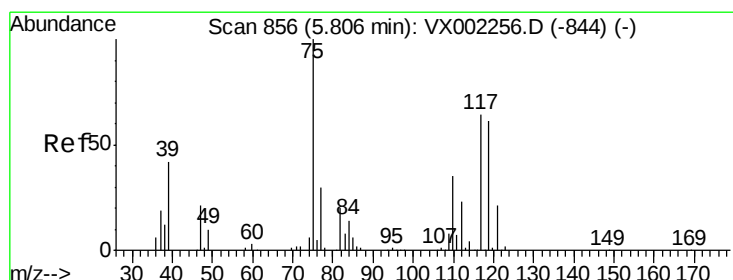
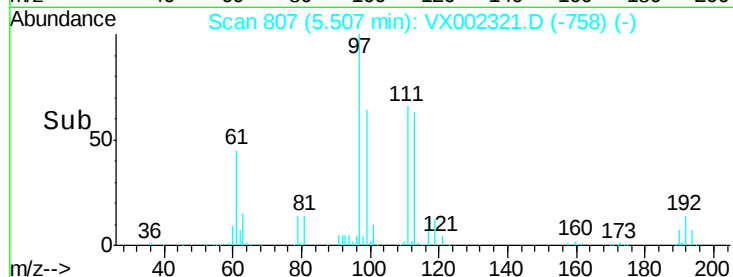
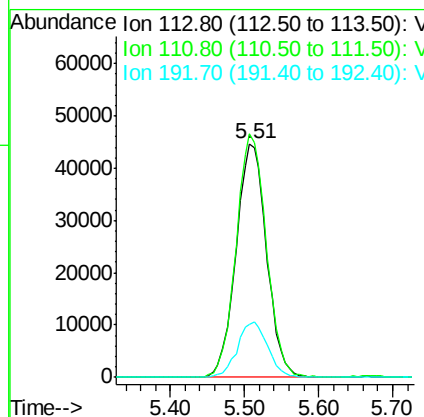
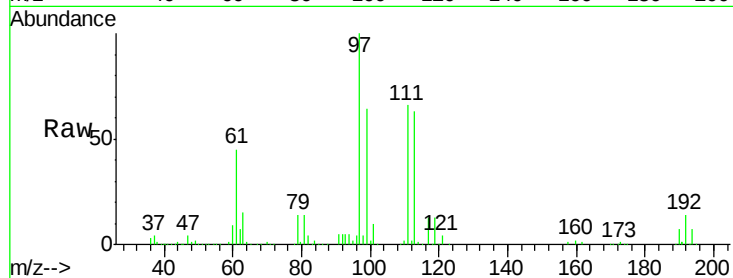
#35
Dibromofluoromethane
Concen: 45.285 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128158		
111	103.4	81.4	122.0	
192	23.6	19.1	28.7	

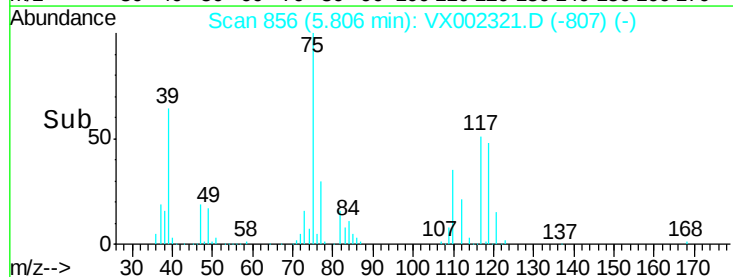
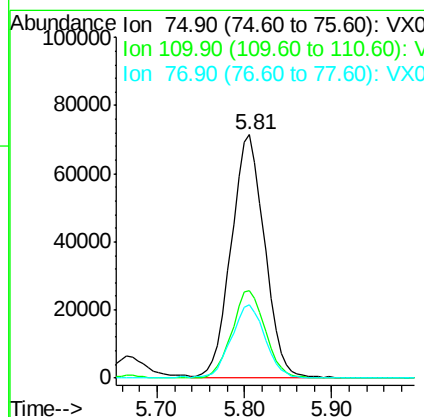
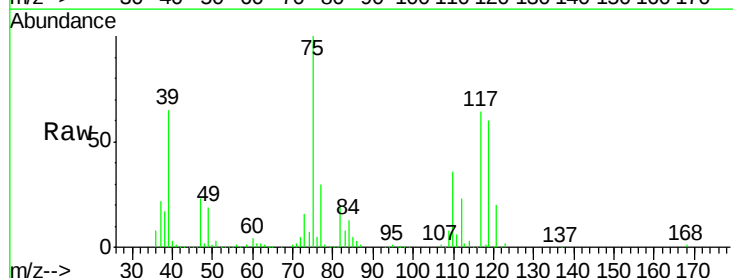
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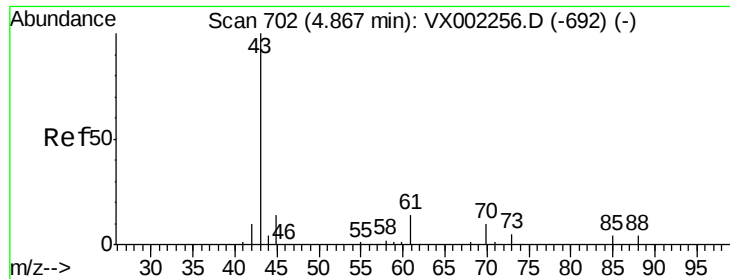
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#36
1,1-Dichloropropene
Concen: 49.912 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188830		
110	36.4	18.1	54.4	
77	30.4	24.3	36.5	





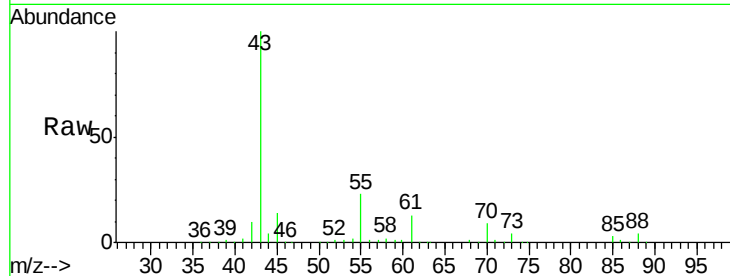
#37
Ethyl Acetate
Concen: 47.742 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

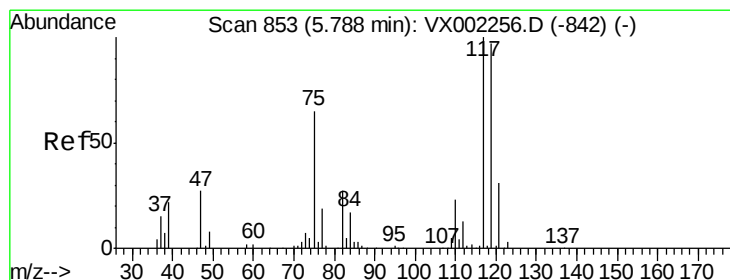
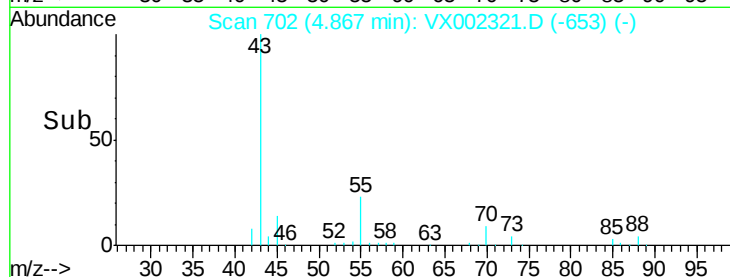
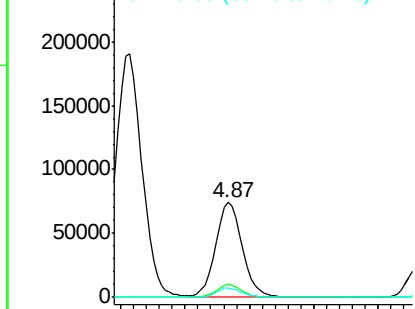
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	9.3	7.6	11.4

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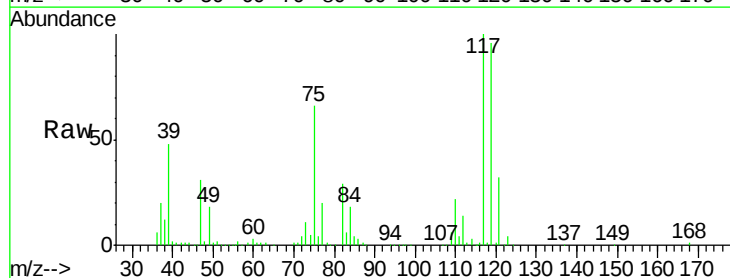


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

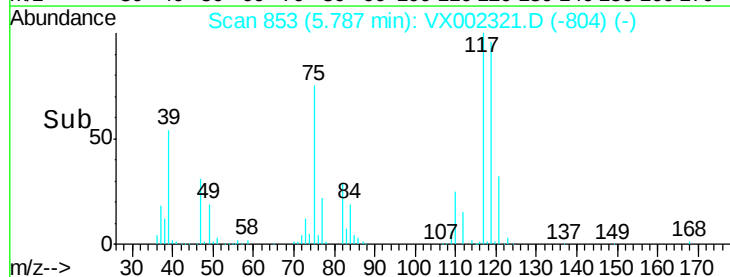
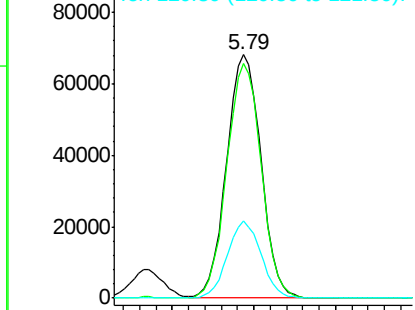


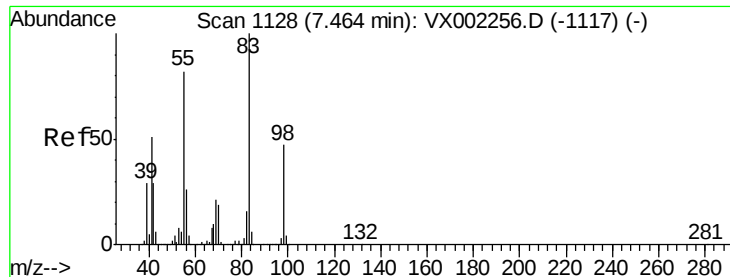
#38
Carbon Tetrachloride
Concen: 50.329 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
121	31.9	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





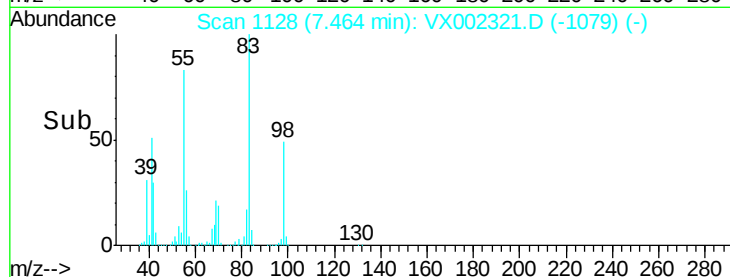
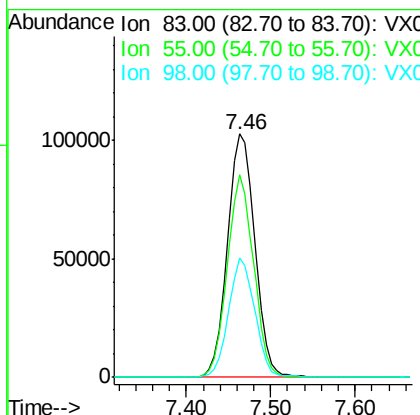
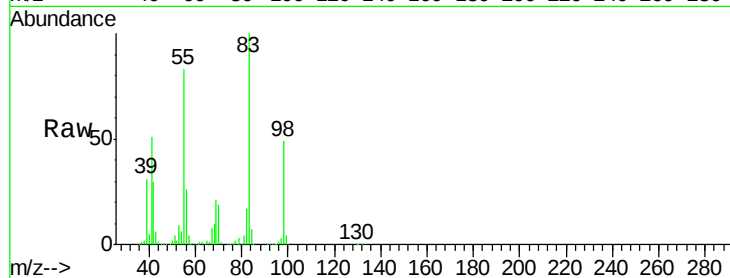
#39
Methvlcvclohexane
Concen: 48.716 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.3	65.4	98.0
98	49.1	37.4	56.0

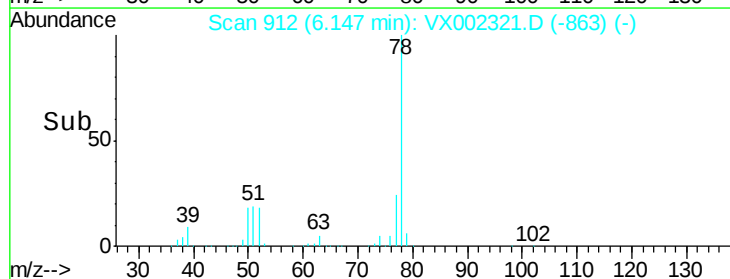
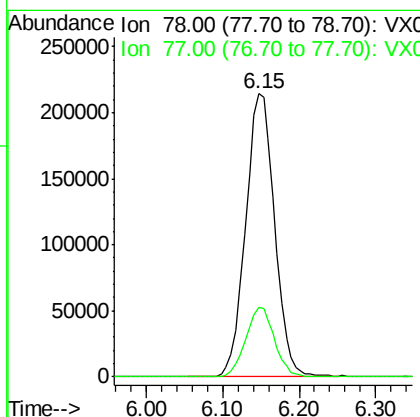
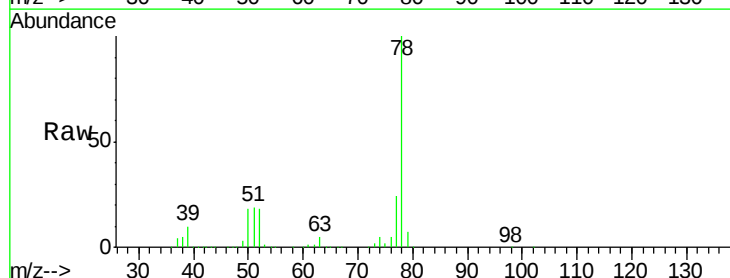
Manual Integrations
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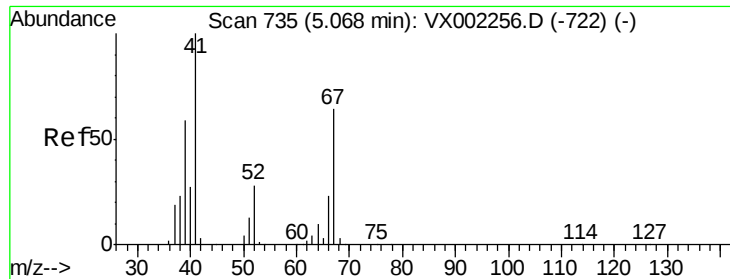
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#40
Benzene
Concen: 48.825 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





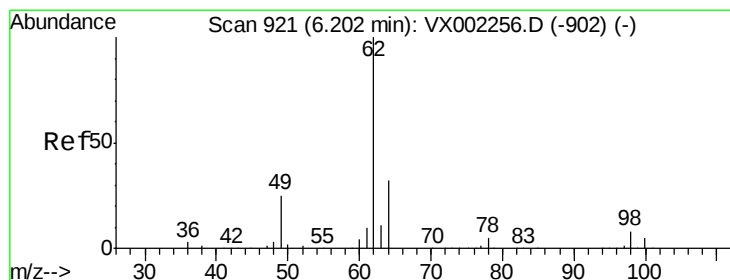
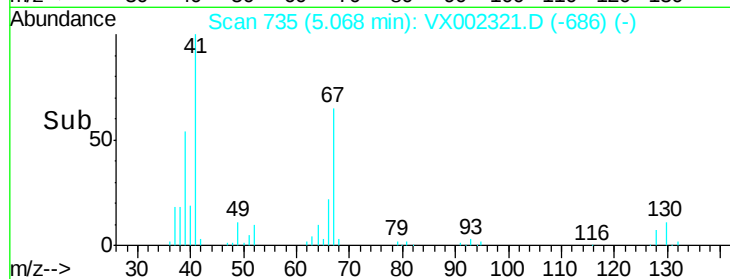
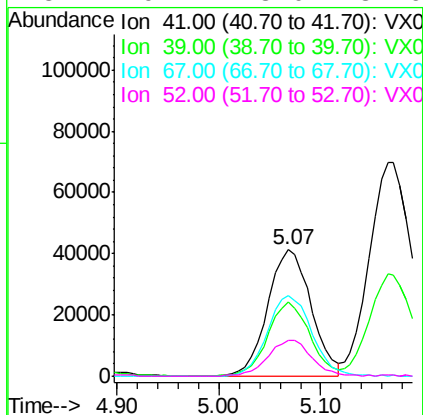
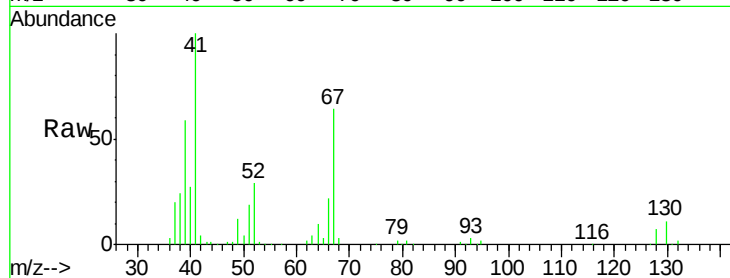
#41
Methacrylonitrile
Concen: 46.739 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	45.8	68.6	
67	65.8	51.3	76.9	
52	29.1	23.0	34.6	

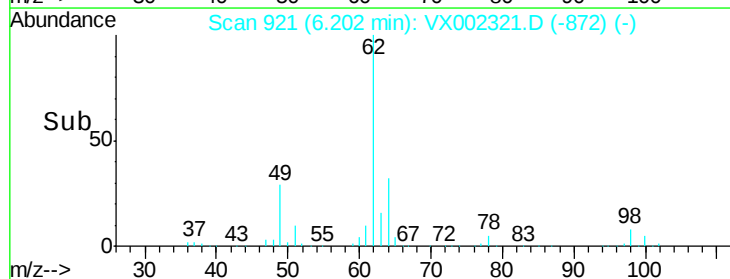
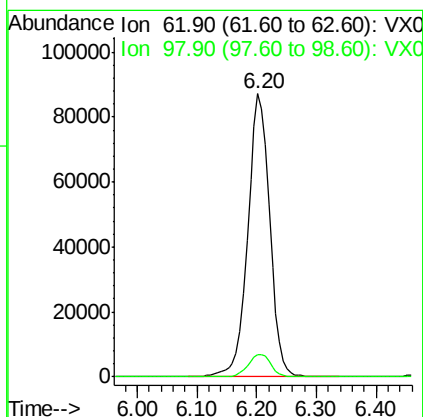
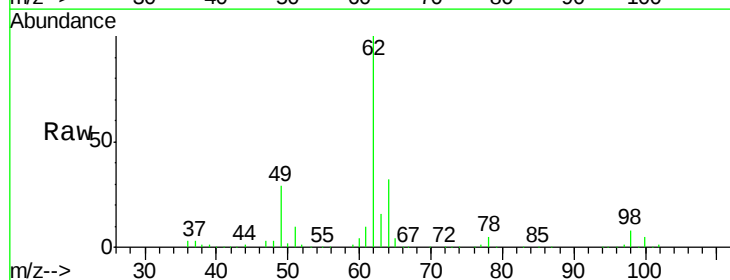
Manual Integrations
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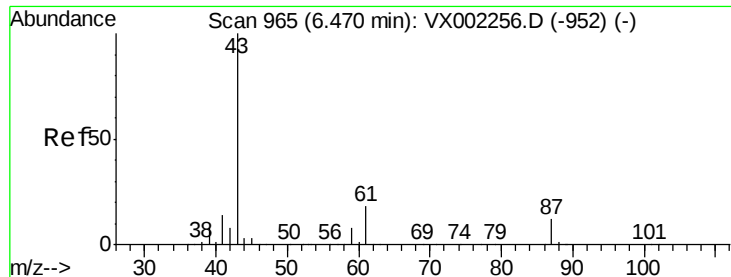
MMDadoda
6/6/2018 4:10:44 PM



#42
1,2-Dichloroethane
Concen: 48.357 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

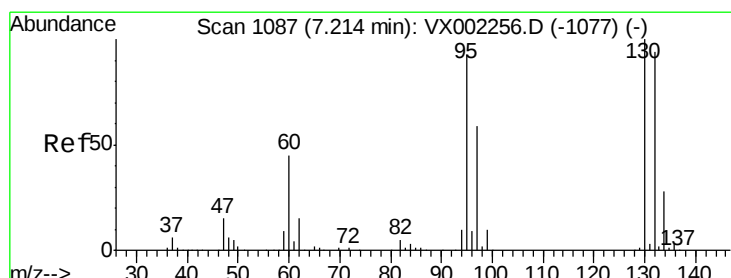
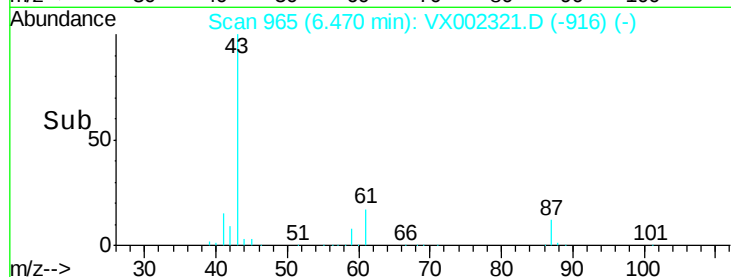
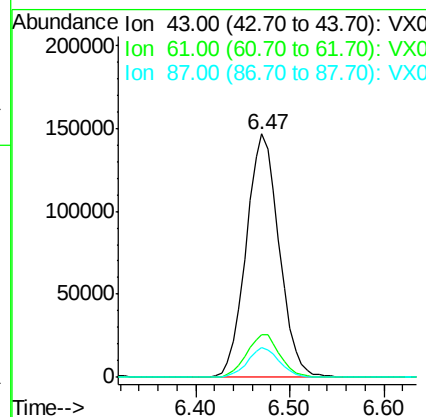
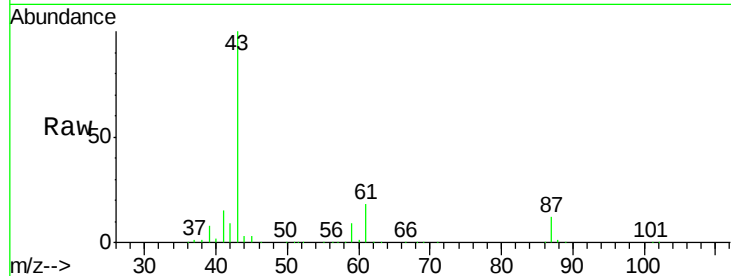
Isopropyl Acetate
 Concen: 46.371 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	11.8	9.5	14.3

Manual Integrations
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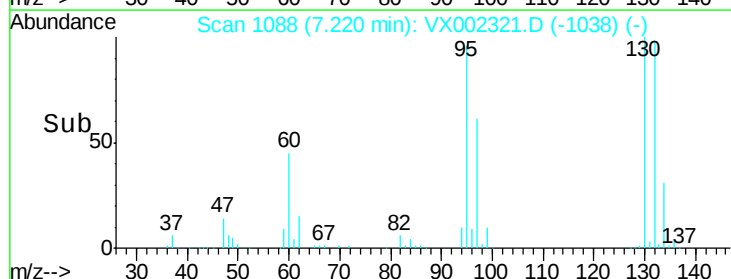
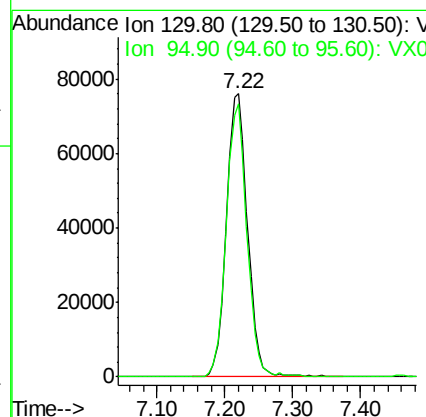
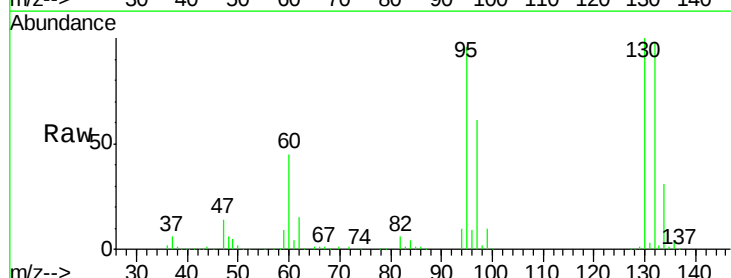
MMDadoda
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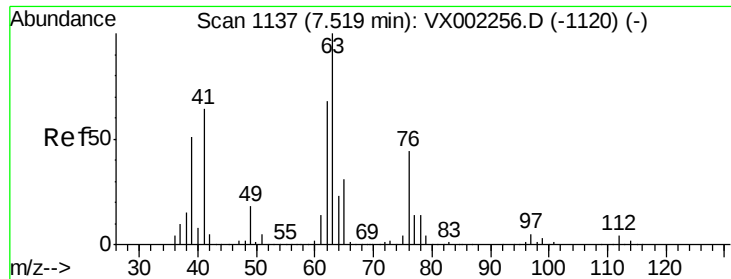


#44

Trichloroethene
 Concen: 50.908 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	185.4





#45

1,2-Dichloropropane

Concen: 48.310 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 151289

Ion Ratio Lower Upper

63 100

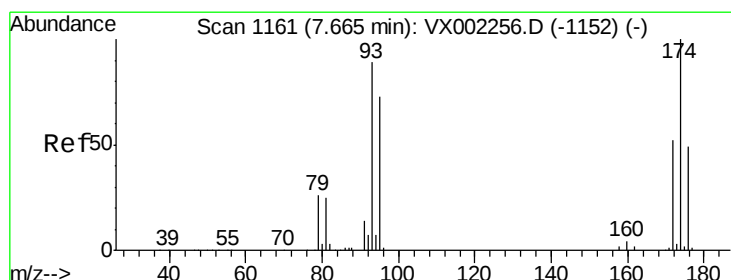
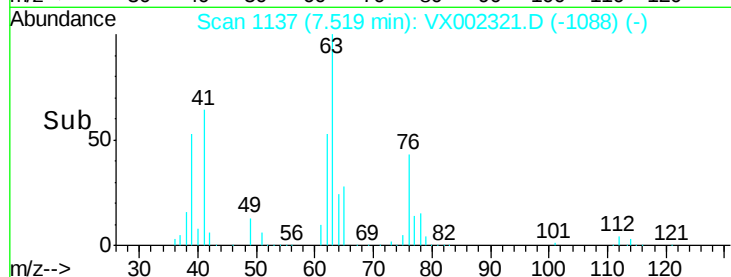
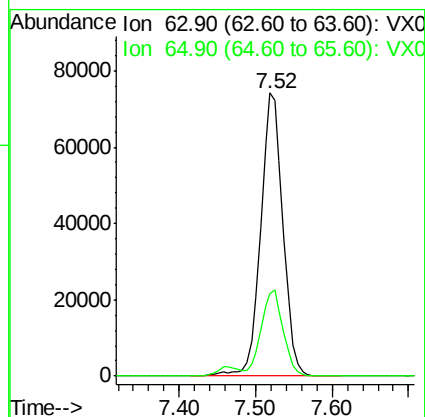
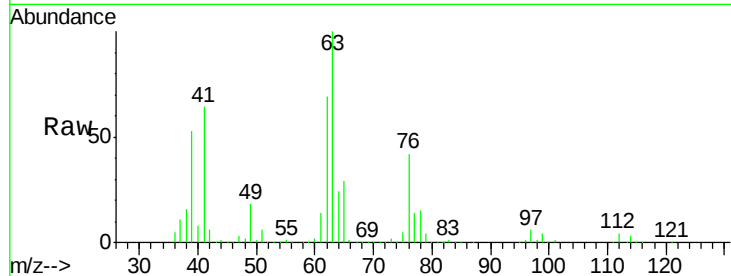
65 29.3 24.7 37.1

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#46

Dibromomethane

Concen: 47.955 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

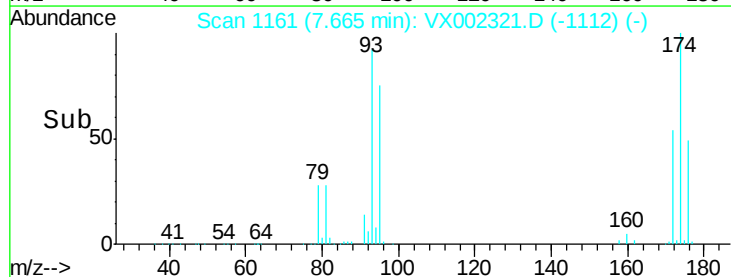
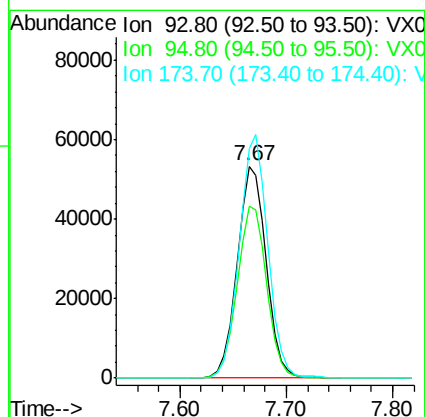
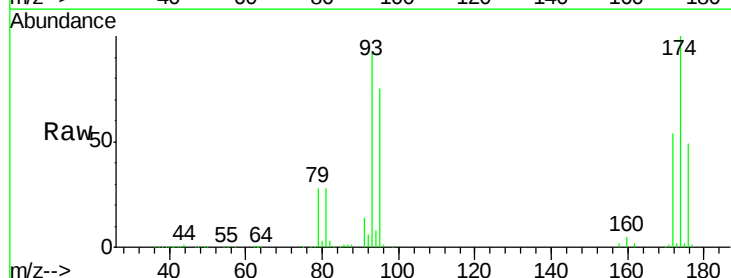
Tgt Ion: 93 Resp: 101806

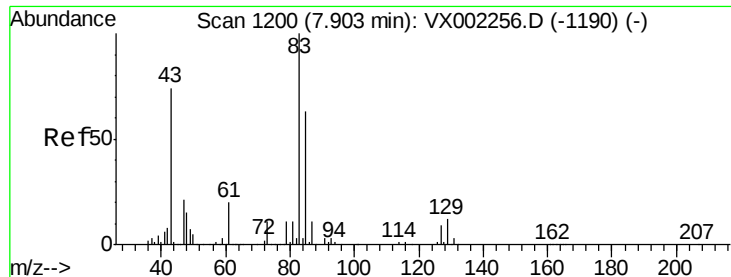
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 113.2 92.4 138.6





#47

Bromodichloromethane

Concen: 48.015 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

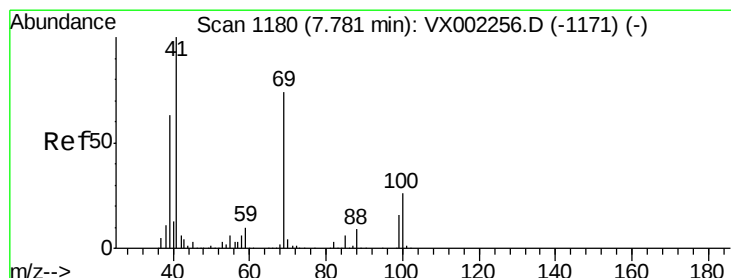
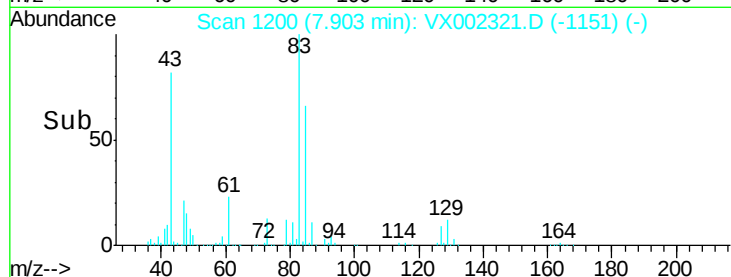
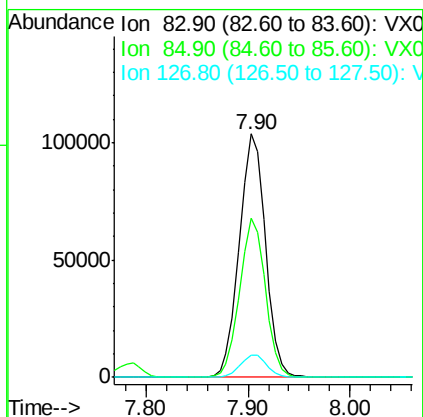
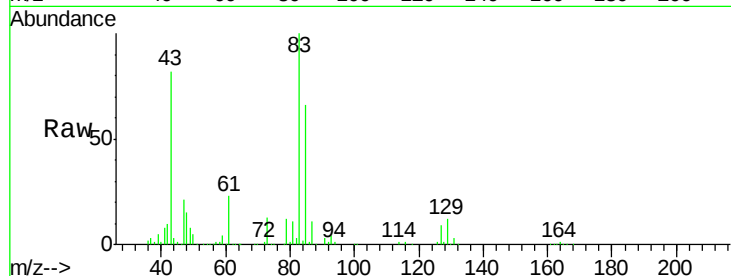
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	184354
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5
127	9.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 47.937 ug/l

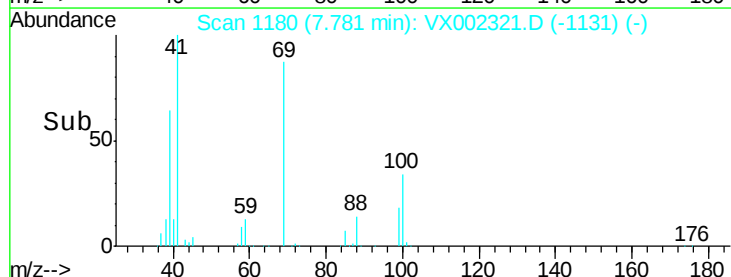
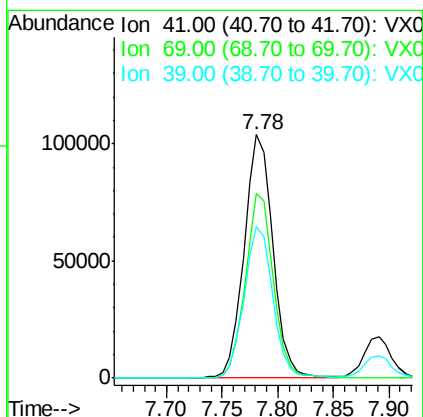
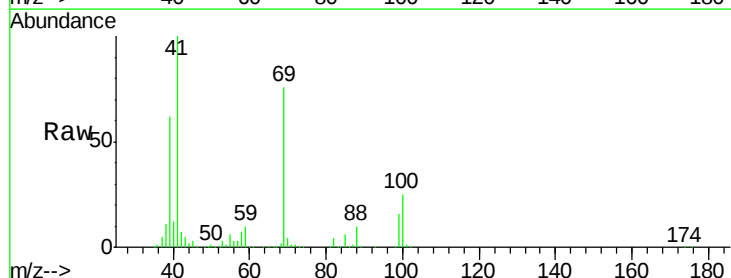
RT: 7.78 min Scan# 1180

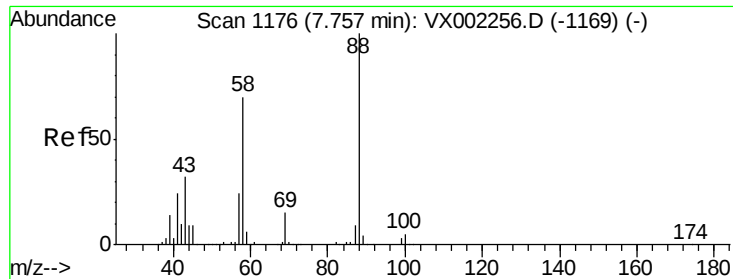
Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion:	41	Resp:	186082
Ion	Ratio	Lower	Upper
41	100		
69	74.5	59.1	88.7
39	62.3	48.9	73.3





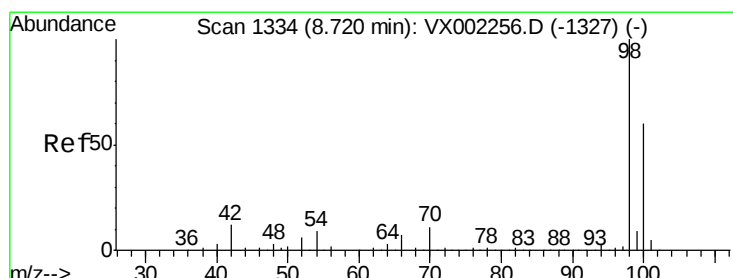
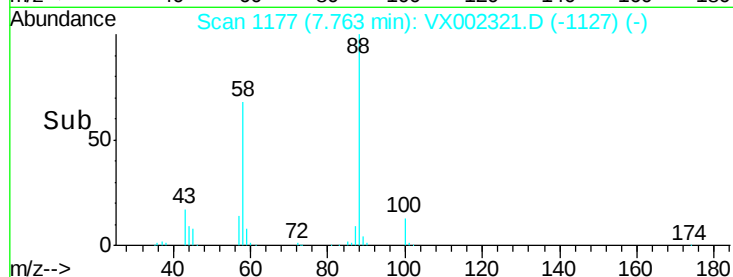
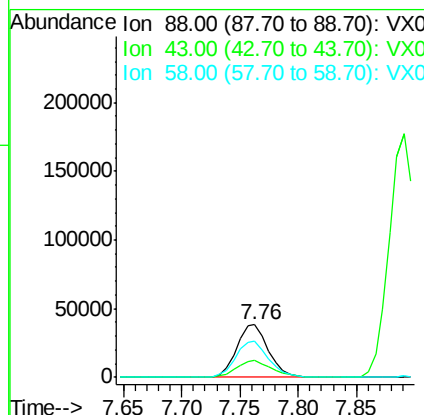
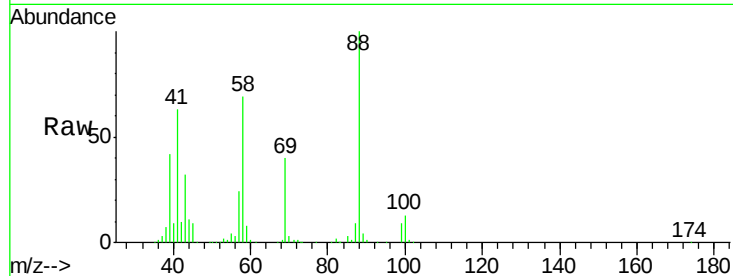
#49
1,4-Dioxane
Concen: 1005.606 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	29.8	44.6
58	70.3	57.1	85.7

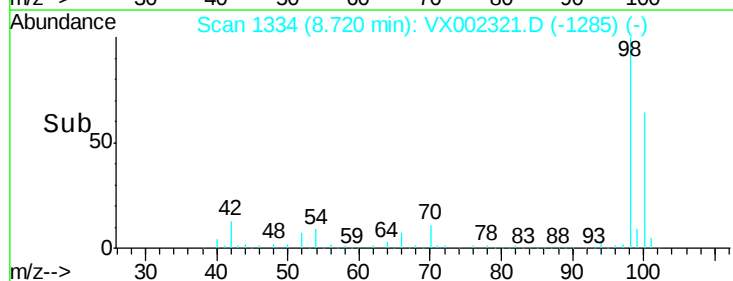
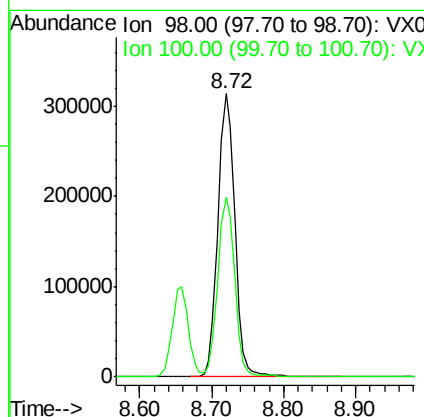
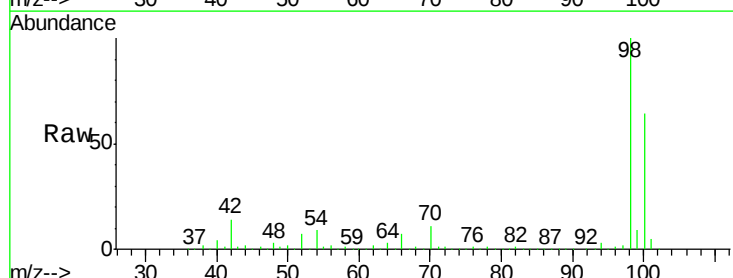
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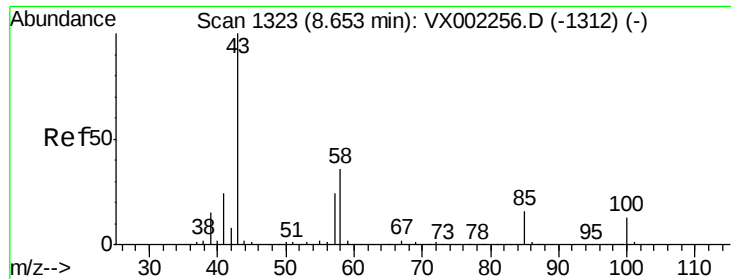
MMDadoda
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#50
Toluene-d8
Concen: 46.978 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 245.048 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1179294

Ion Ratio Lower Upper

43 100

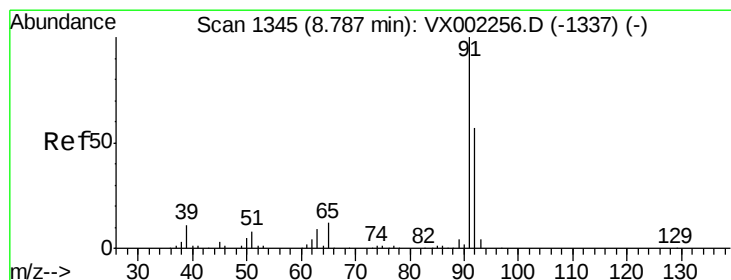
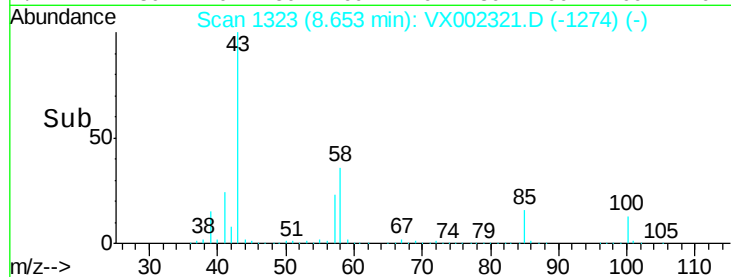
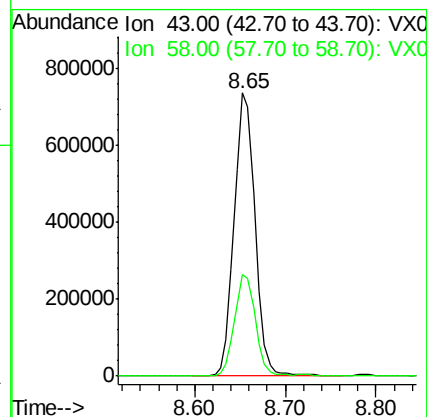
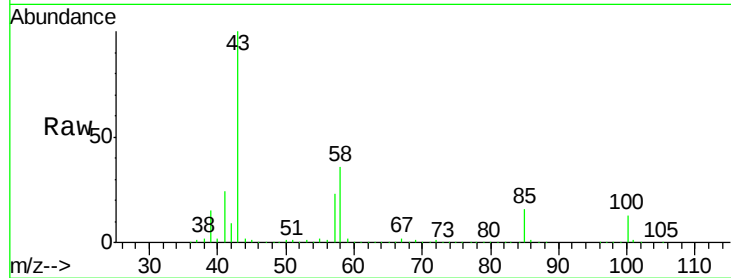
58 35.8 28.6 42.8

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#52

Toluene

Concen: 50.470 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002321.D

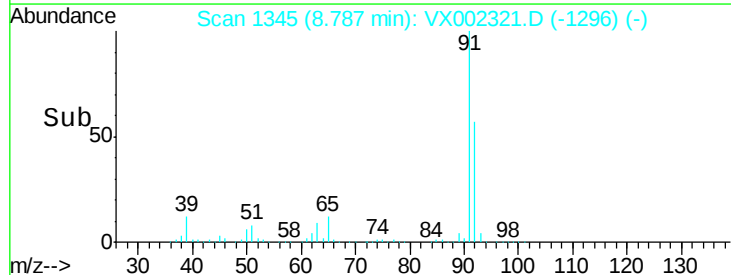
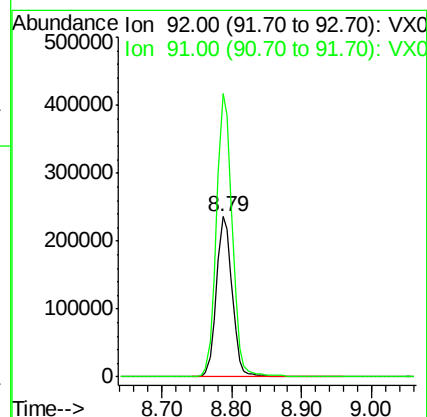
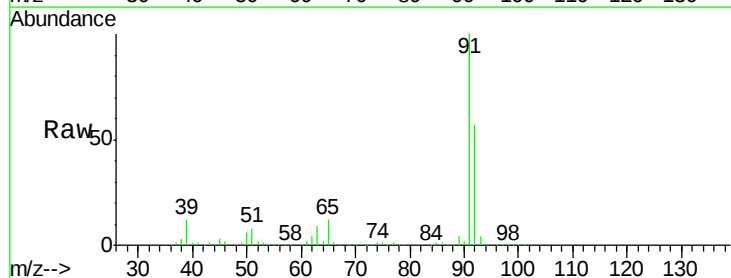
Acq: 05 Jun 2018 22:37

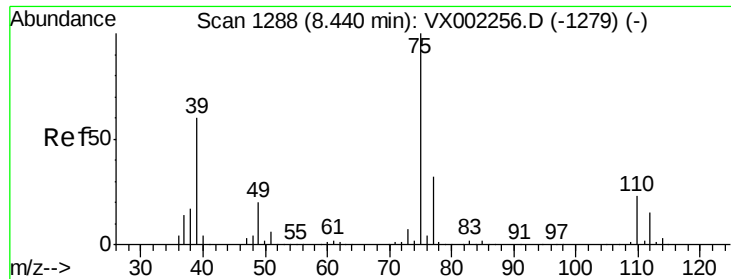
Tgt Ion: 92 Resp: 372359

Ion Ratio Lower Upper

92 100

91 176.3 140.4 210.6





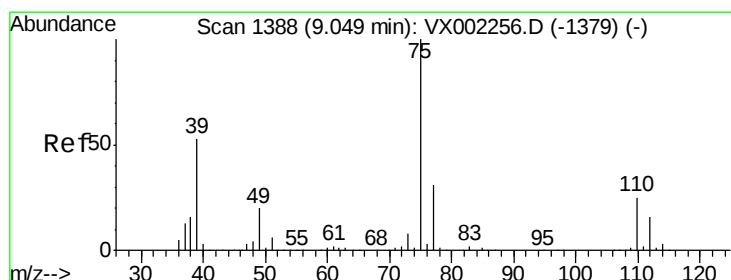
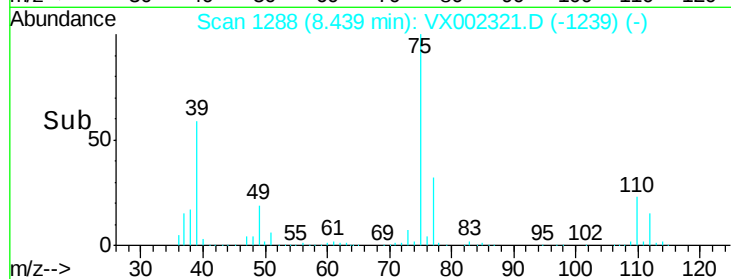
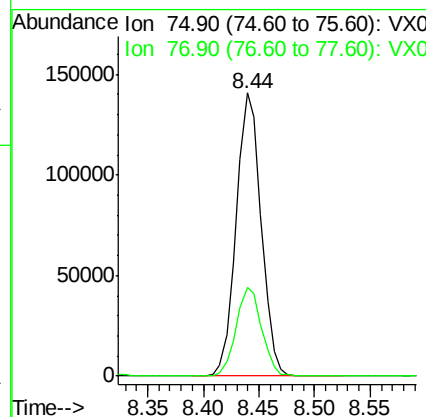
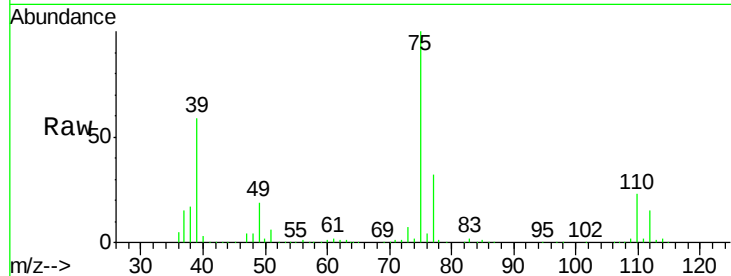
#53
t-1,3-Dichloropropene
Concen: 47.432 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

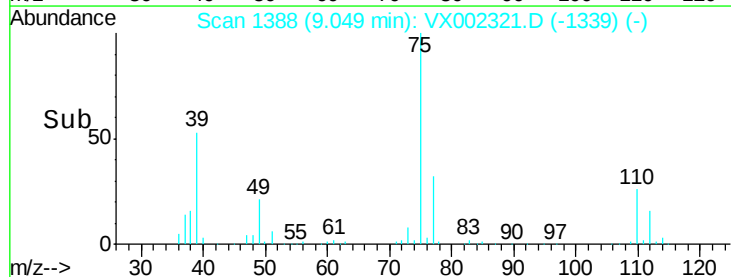
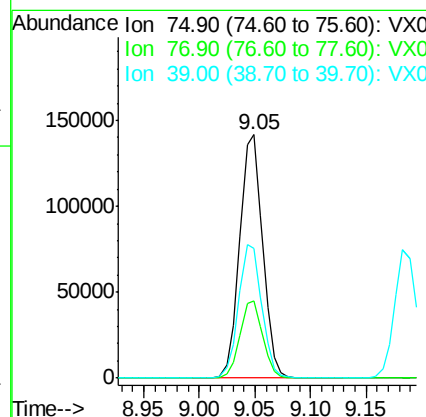
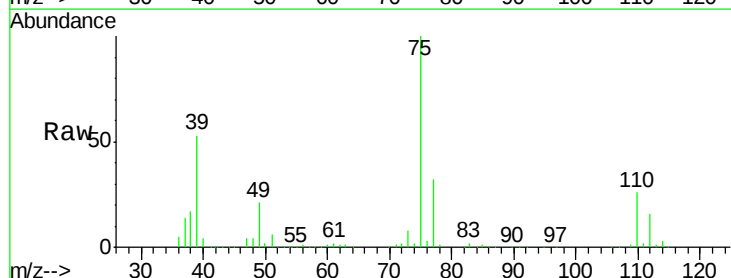
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#54
cis-1,3-Dichloropropene
Concen: 46.727 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	52.9	42.4	63.6





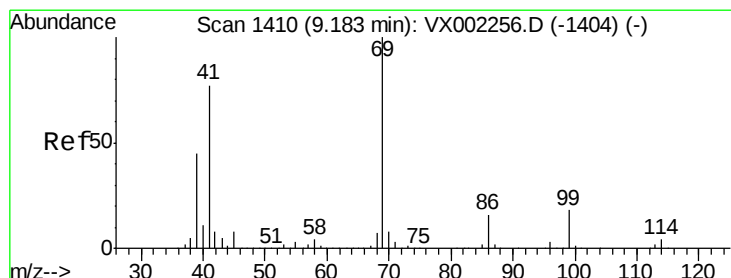
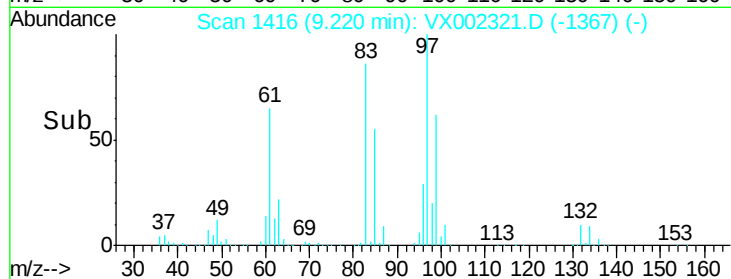
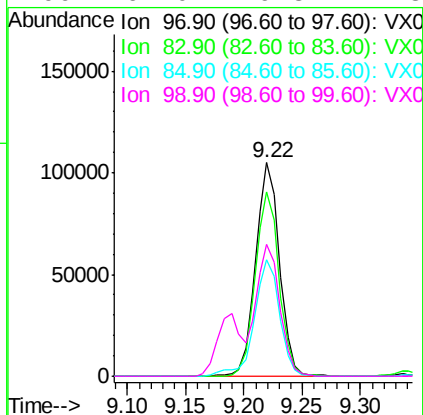
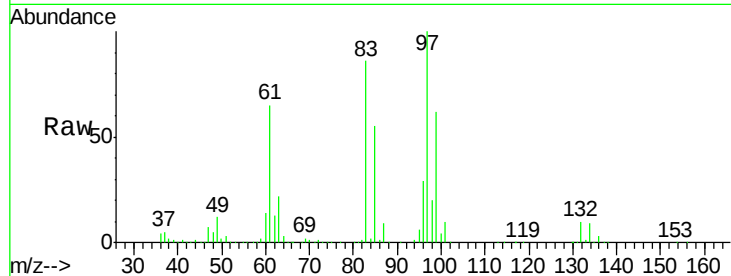
#55
1,1,2-Trichloroethane
Concen: 49.794 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	151098
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.2
85	54.6	44.9	67.3
99	62.0	49.8	74.8

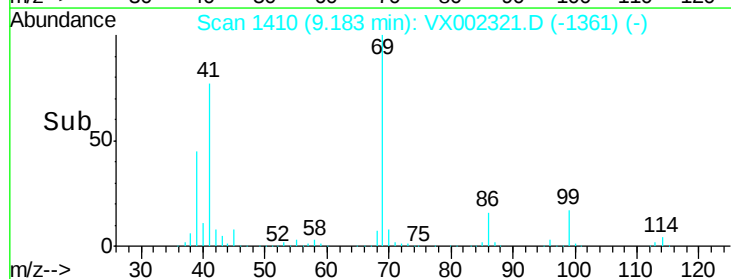
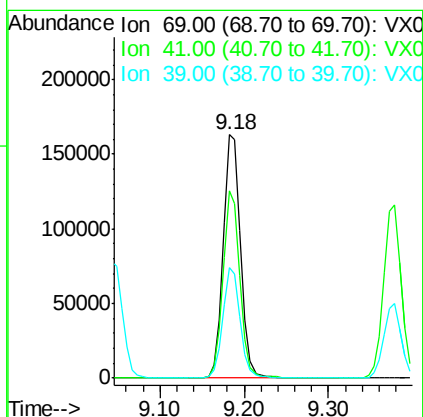
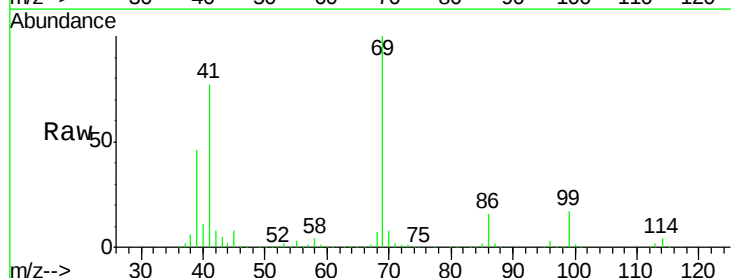
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#56
Ethyl methacrylate
Concen: 48.036 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion:	69	Resp:	232715
Ion	Ratio	Lower	Upper
69	100		
41	74.8	60.3	90.5
39	44.7	35.8	53.8





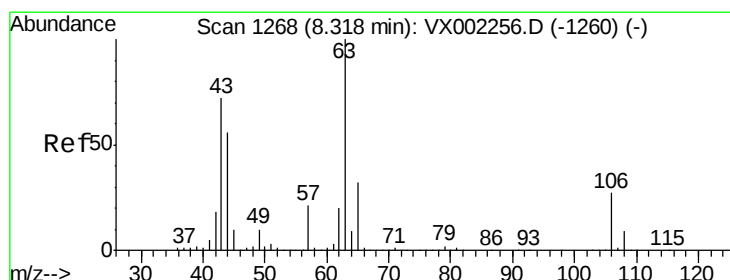
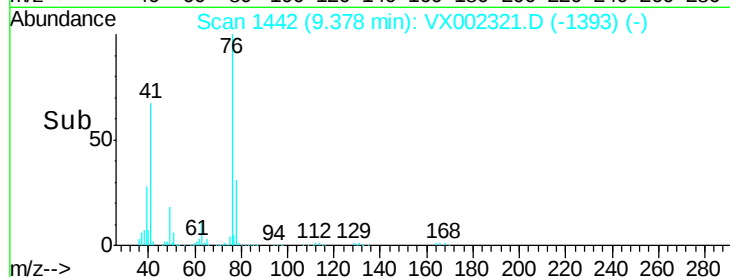
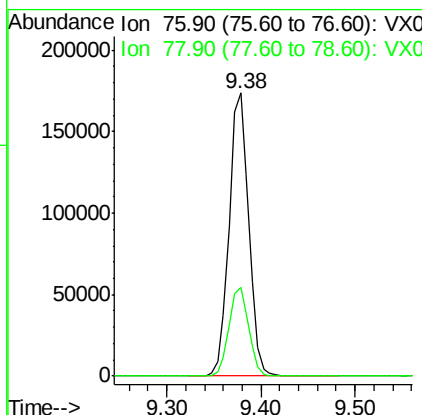
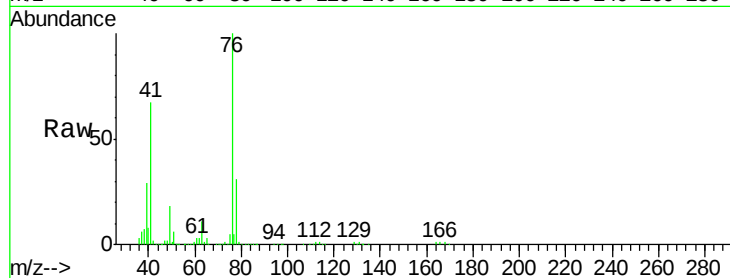
#57
 1,3-Dichloropropane
 Concen: 49.126 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.6

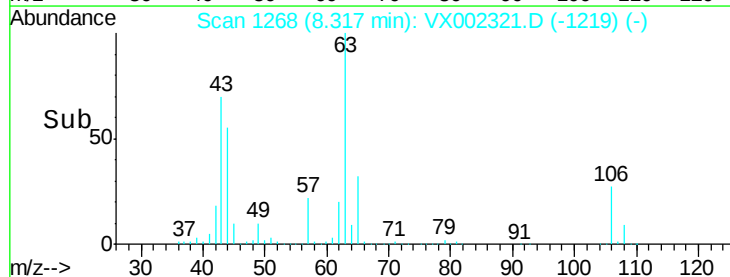
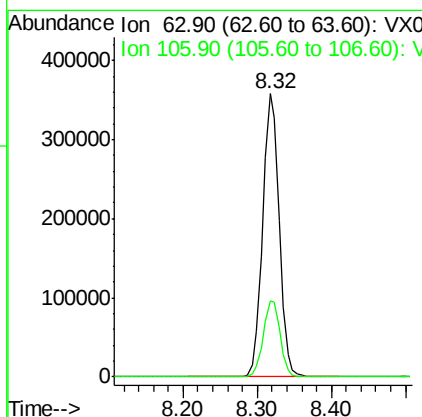
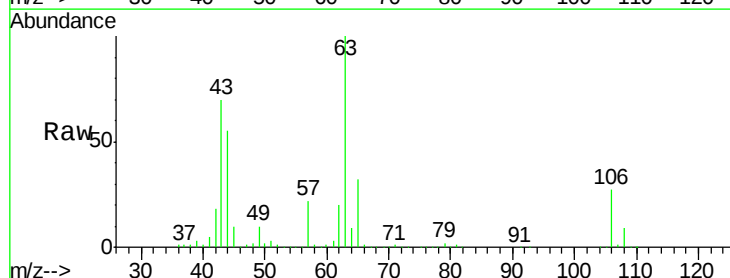
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.563 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.8	32.8





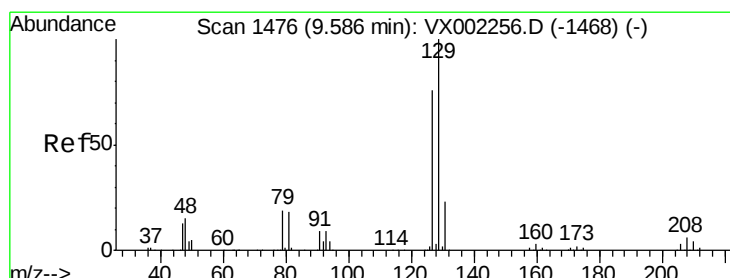
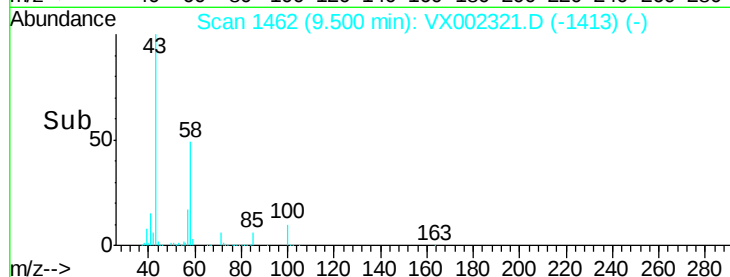
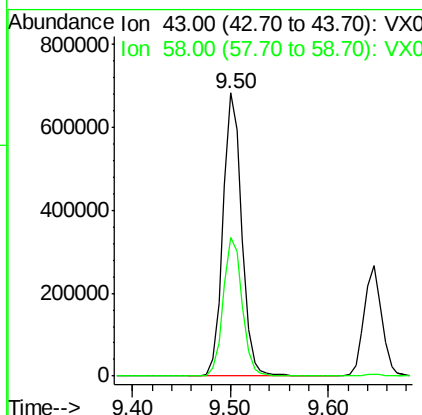
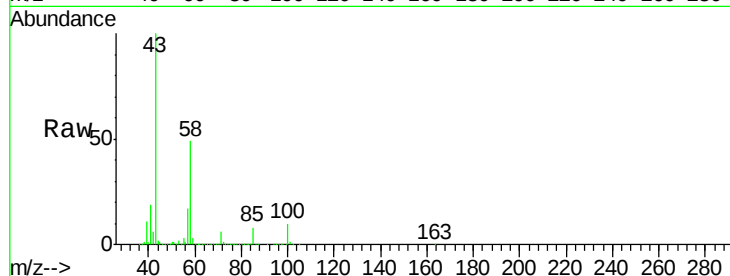
#59
2-Hexanone
Concen: 243.962 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.6	73.6

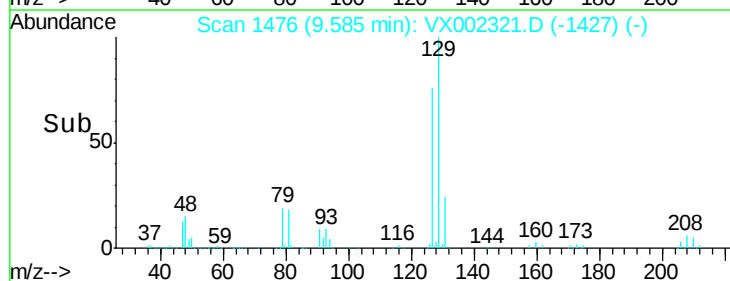
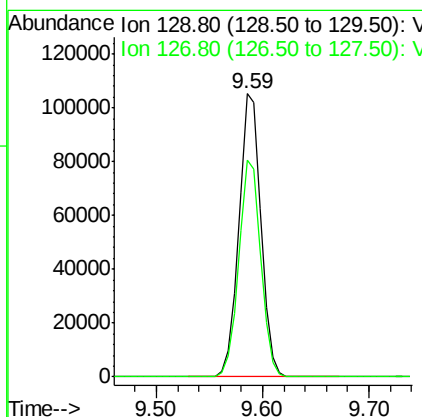
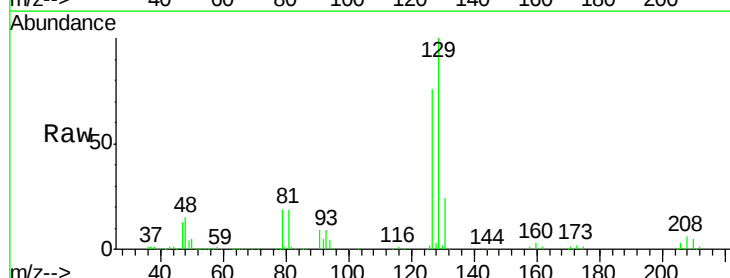
Manual Integrations
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6/6/2018 4:10:44 PM



#60
Dibromochloromethane
Concen: 50.031 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.3





#61

1,2-Dibromoethane

Concen: 50.006 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 158217

Ion Ratio Lower Upper

107 100

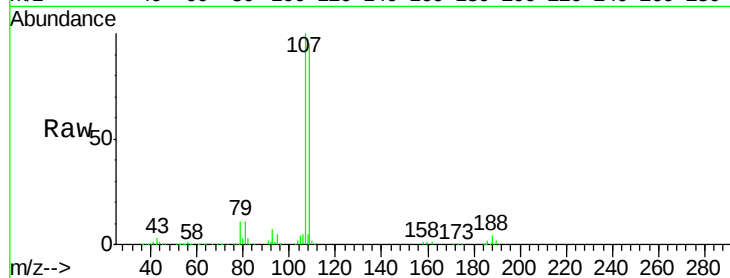
109 94.2 75.3 112.9

Manual Integrations

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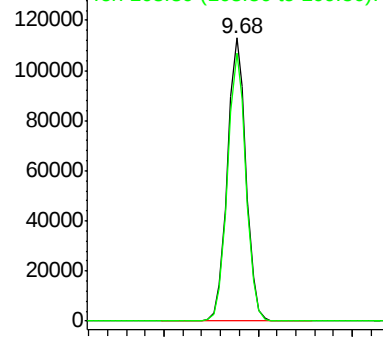
MMDadoda

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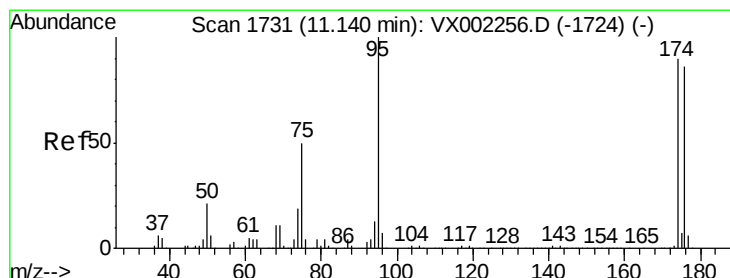
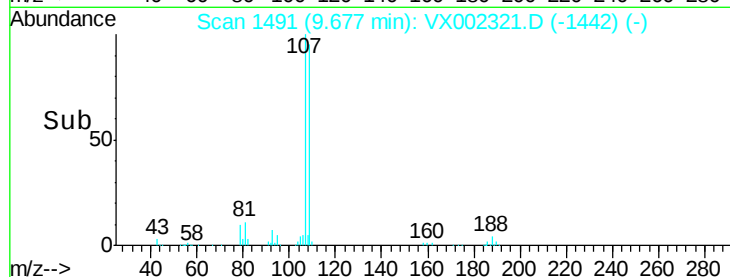


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.718 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

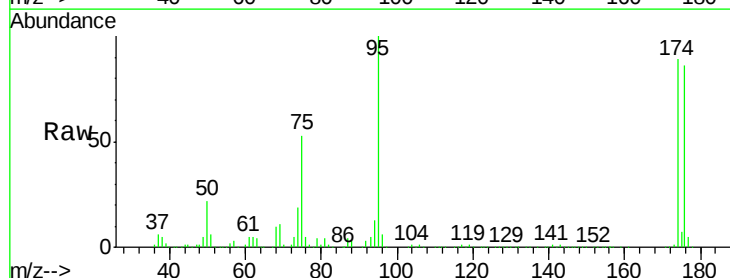
Tgt Ion: 95 Resp: 195418

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

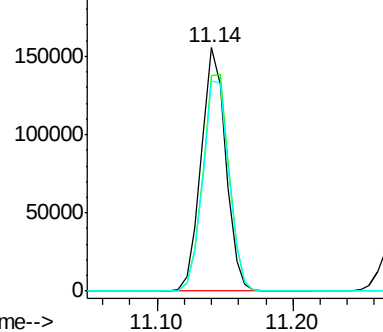
176 91.9 0.0 181.0



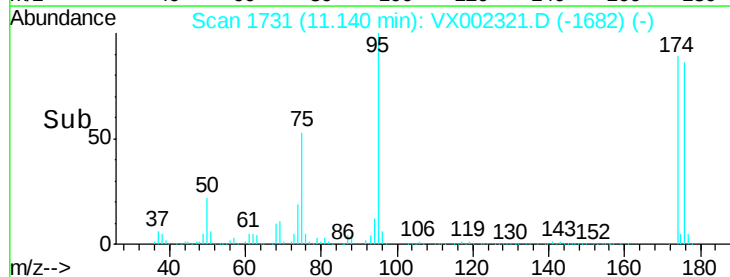
Abundance Ion 94.90 (94.60 to 95.60): VX0

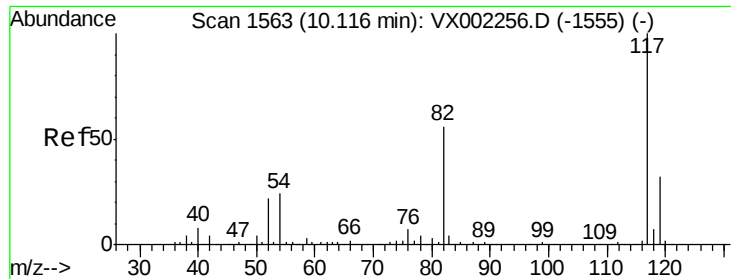
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





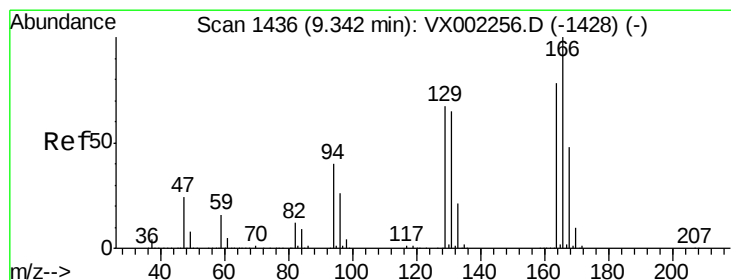
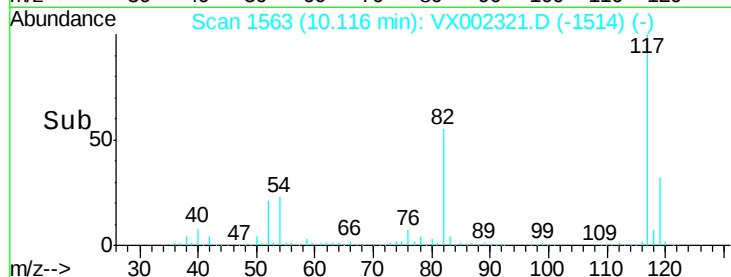
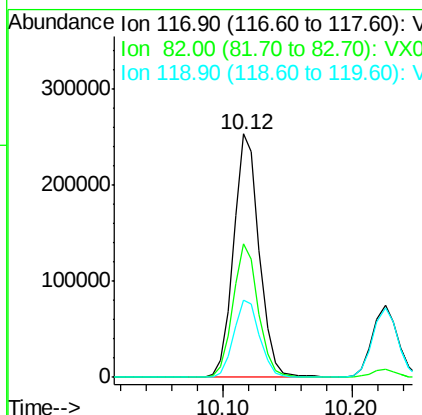
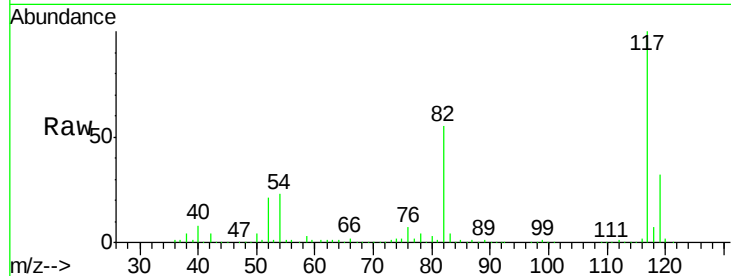
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.4
119	31.9	25.8	38.6

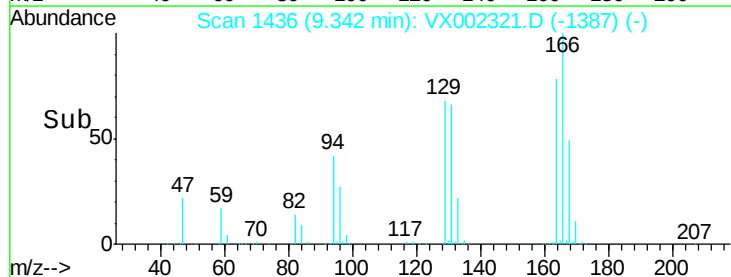
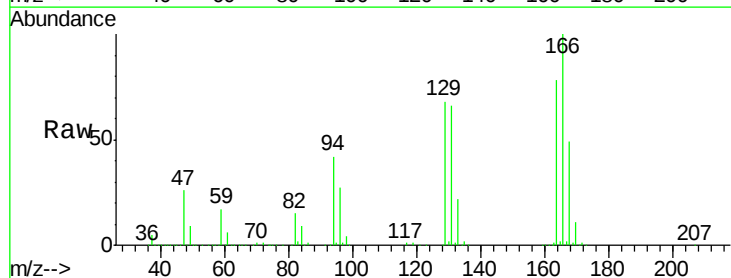
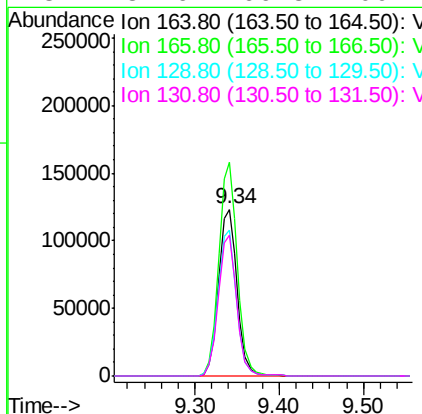
Manual Integrations
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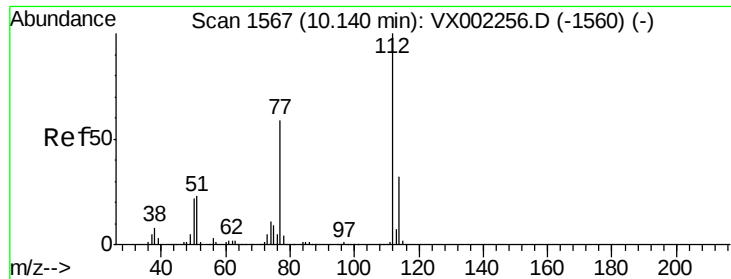
MMDadoda
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#64
Tetrachloroethene
Concen: 51.776 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.9	154.3
129	87.2	68.6	102.8
131	84.6	66.8	100.2





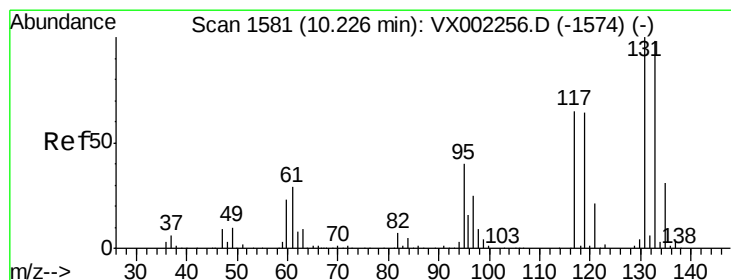
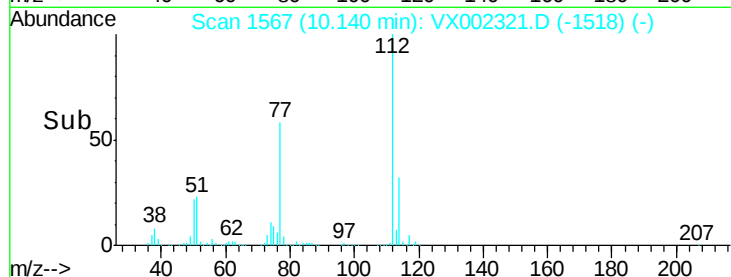
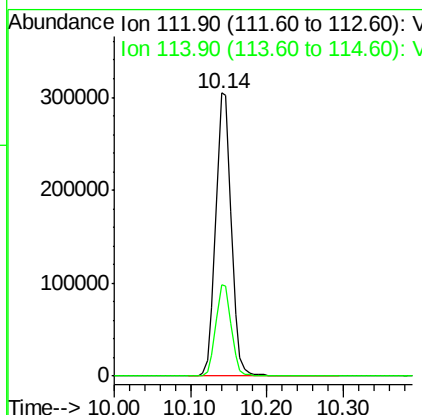
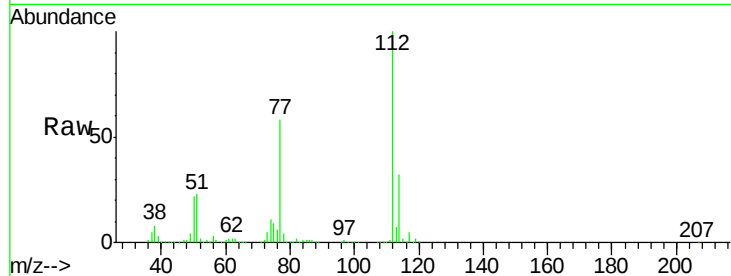
#65
Chlorobenzene
Concen: 49.273 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 430384
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

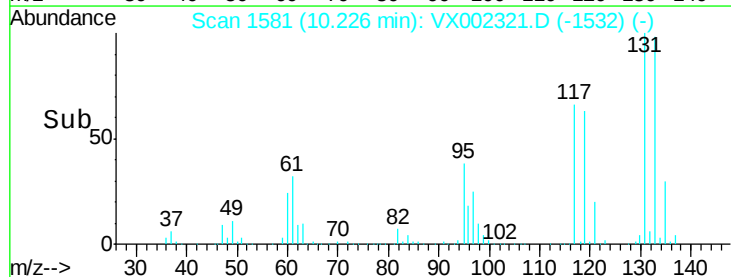
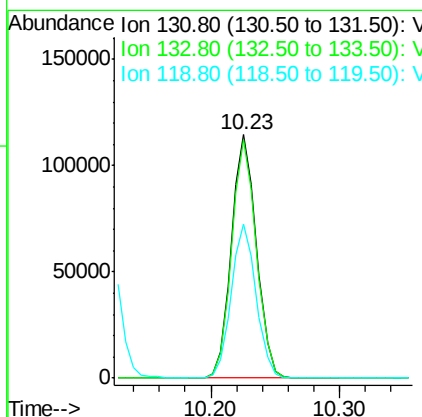
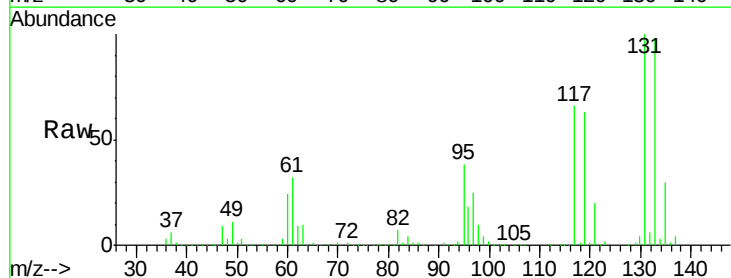
Manual Integrations
APPROVED

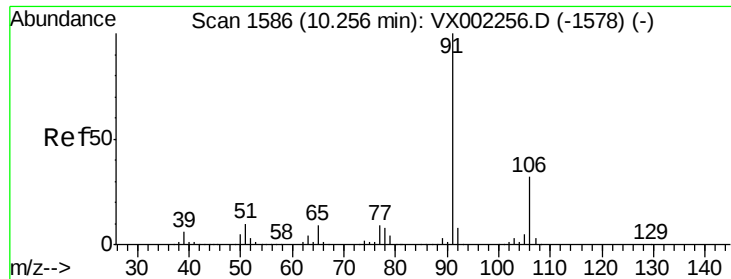
MMDadoda
6/6/2018 4:10:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.040 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion:131 Resp: 155102
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.6
119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 50.900 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 744037

Ion Ratio Lower Upper

91 100

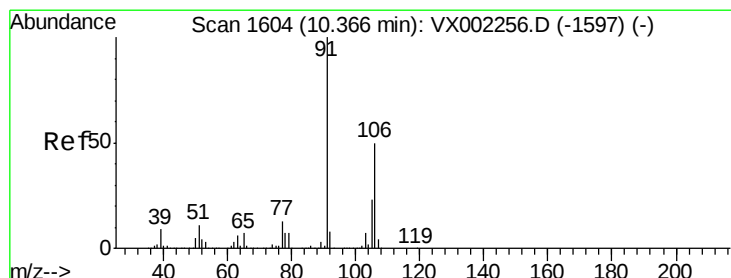
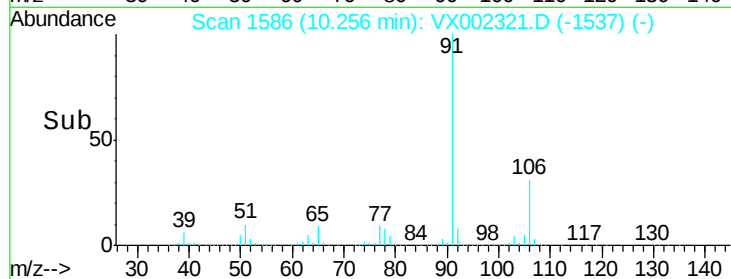
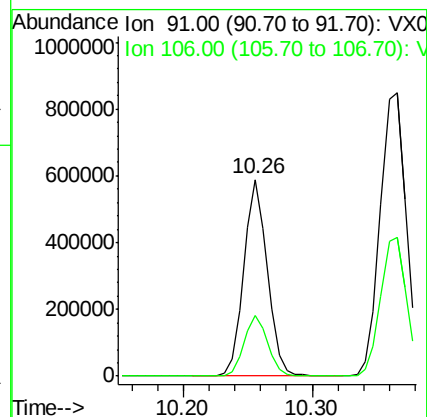
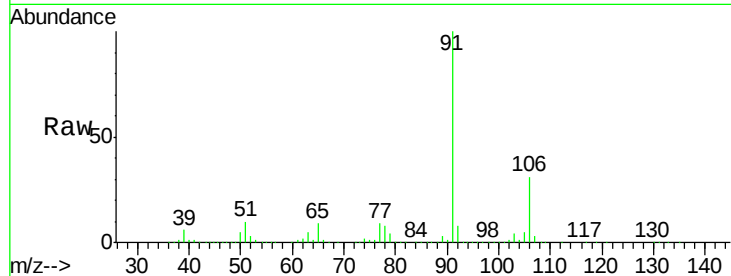
106 31.1 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 102.077 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002321.D

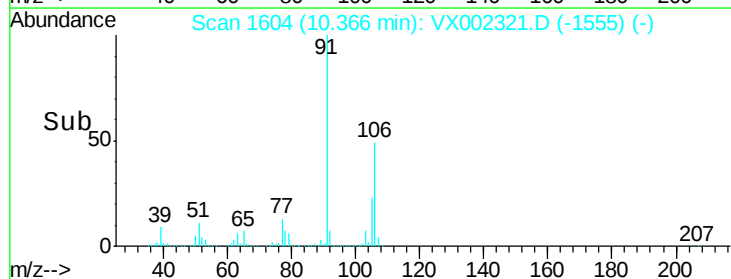
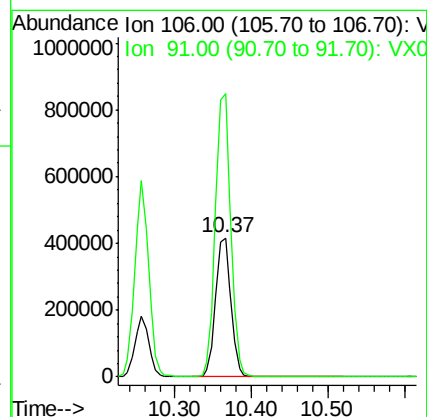
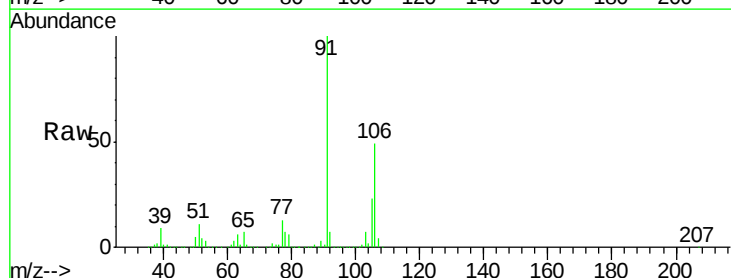
Acq: 05 Jun 2018 22:37

Tgt Ion: 106 Resp: 580031

Ion Ratio Lower Upper

106 100

91 205.5 163.4 245.2





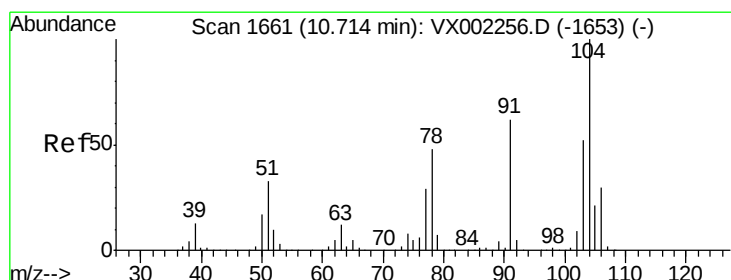
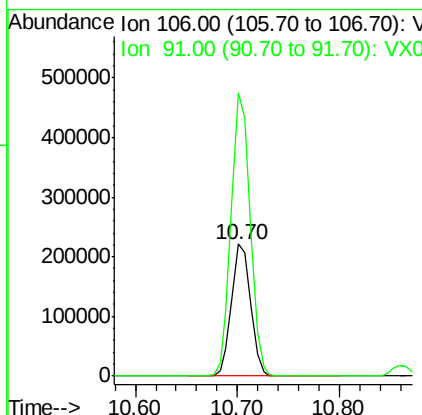
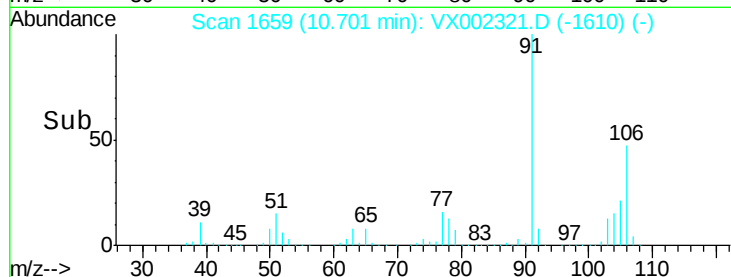
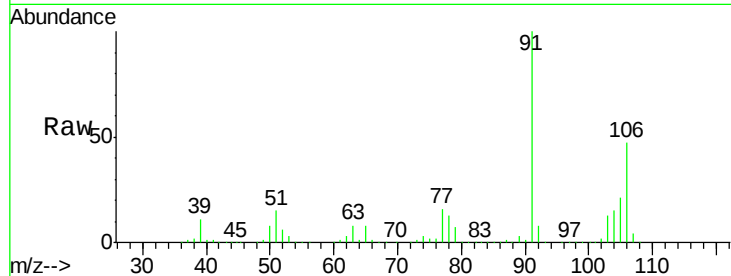
#69
o-Xylene
Concen: 50.530 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.3	108.2	324.6	

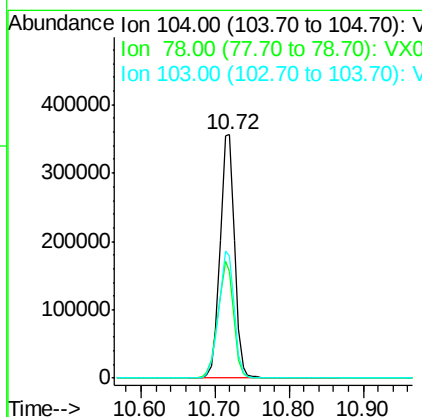
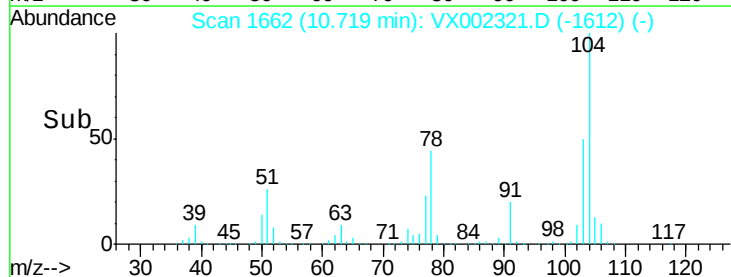
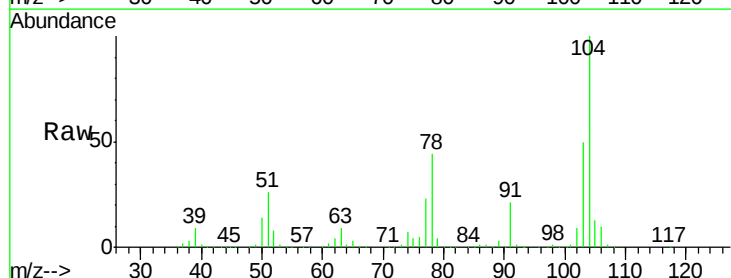
Manual Integrations
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#70
Styrene
Concen: 51.835 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.2	41.0	61.6	
103	55.5	44.2	66.4	





#71

Bromoform

Concen: 41.856 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

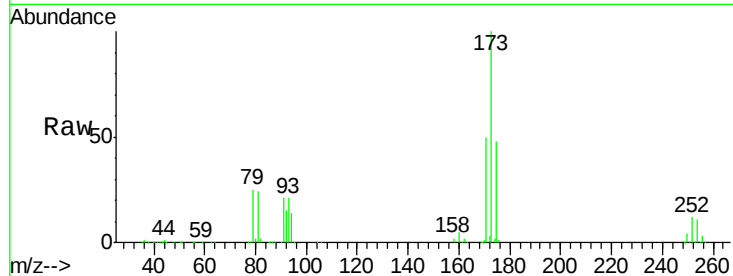
ClientSampleId :

VSTDCCC050

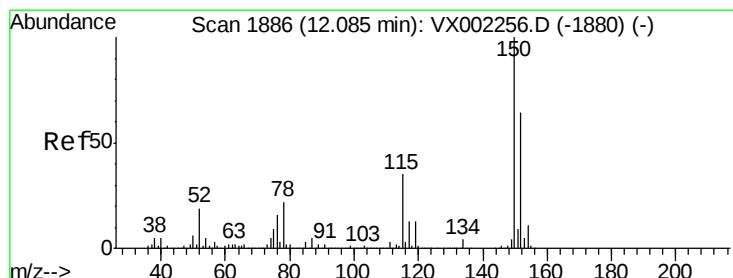
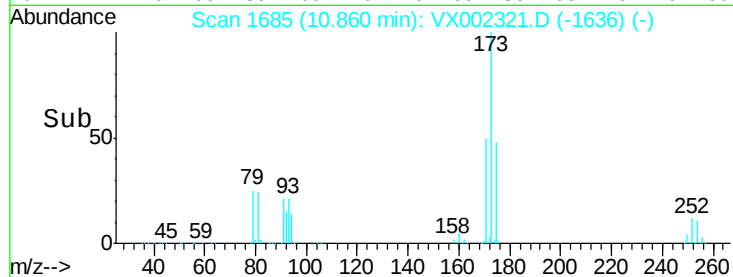
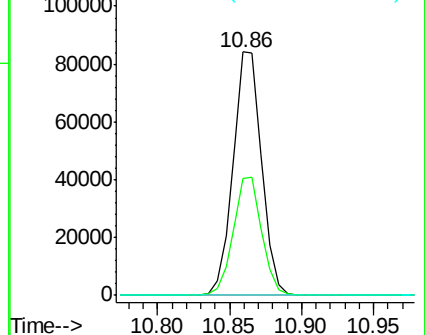
Tot Ion:	173	Resp:	116843
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

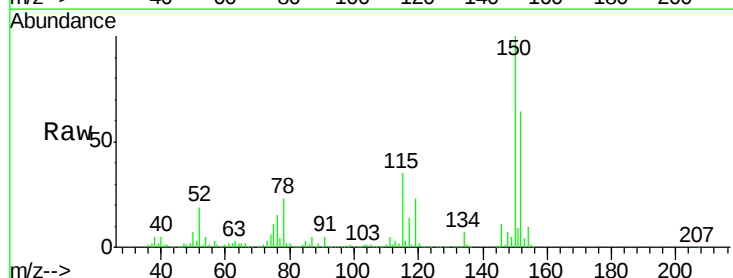
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

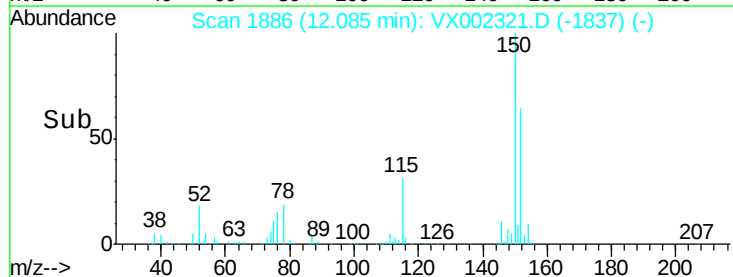
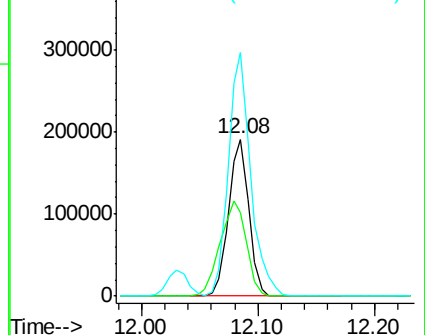
Lab File: VX002321.D

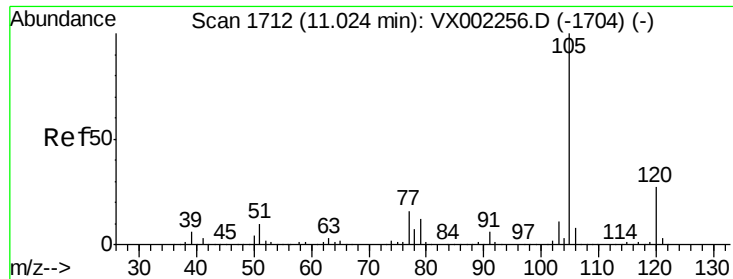
Acq: 05 Jun 2018 22:37

Tgt Ion:	152	Resp:	229010
Ion Ratio	Lower	Upper	
152	100		
115	78.3	40.1	120.2
150	171.8	0.0	347.2



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





#73

Isopropylbenzene

Concen: 48.726 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 776253

Ion Ratio Lower Upper

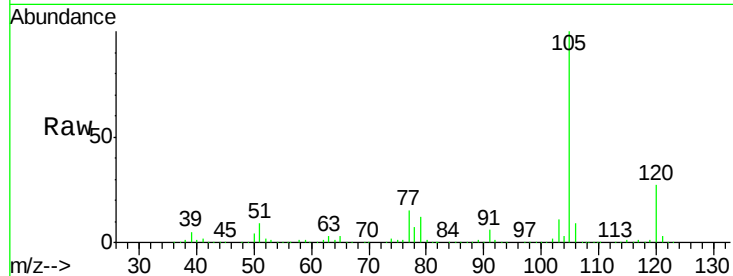
105 100

120 26.9 13.5 40.4

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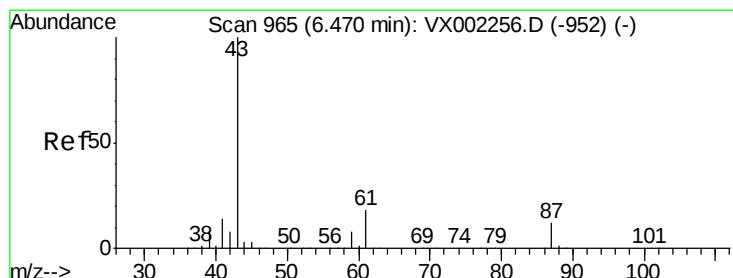
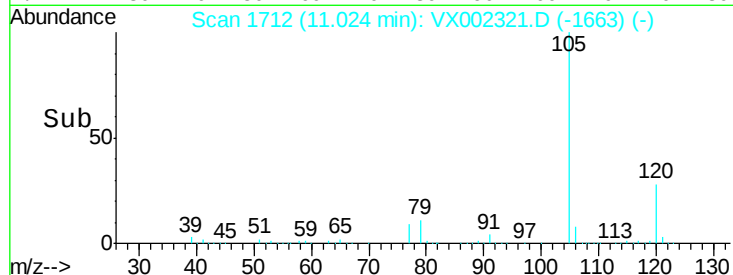
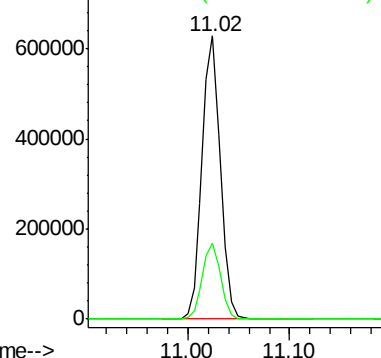
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.745 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion: 43 Resp: 358346

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

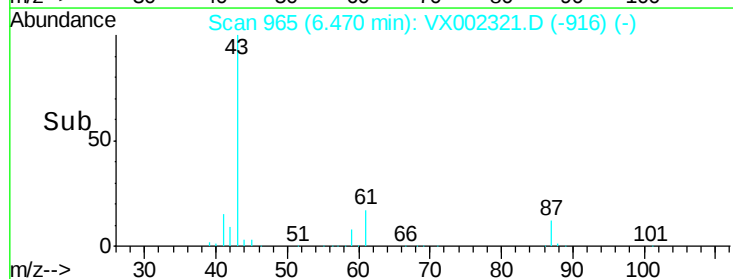
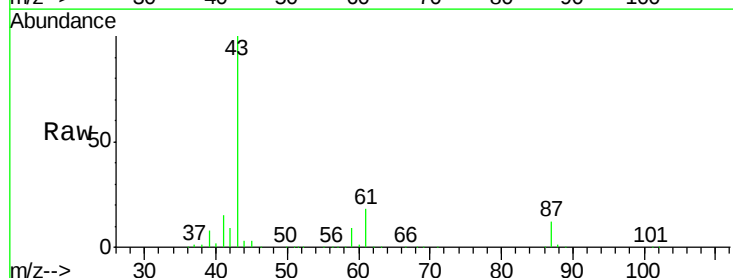
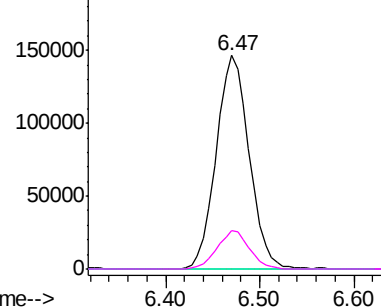
61 17.7 14.4 21.6

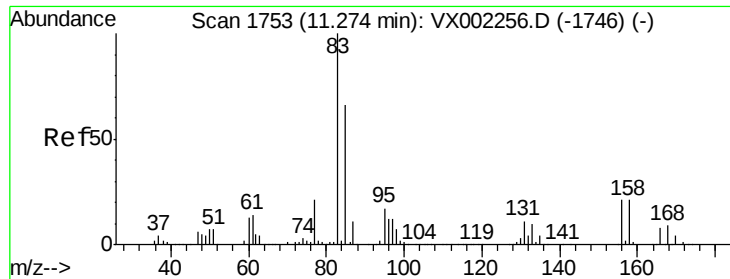
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





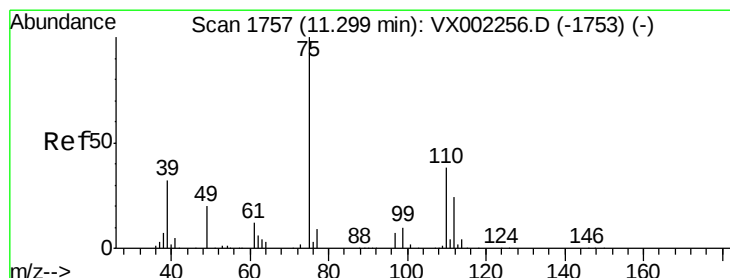
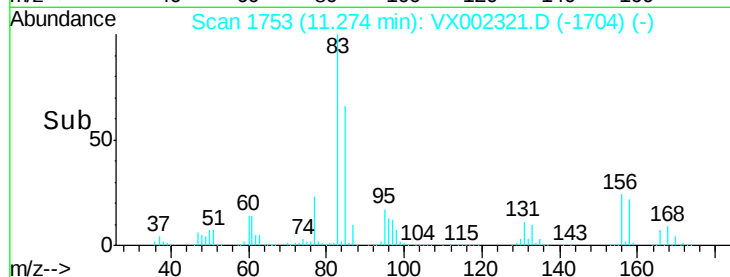
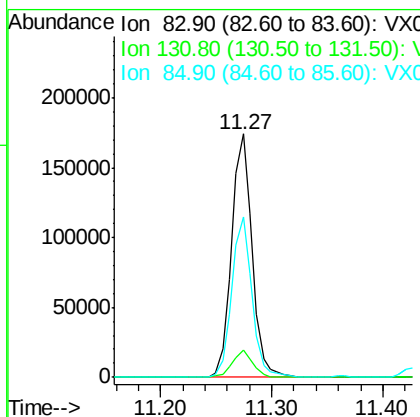
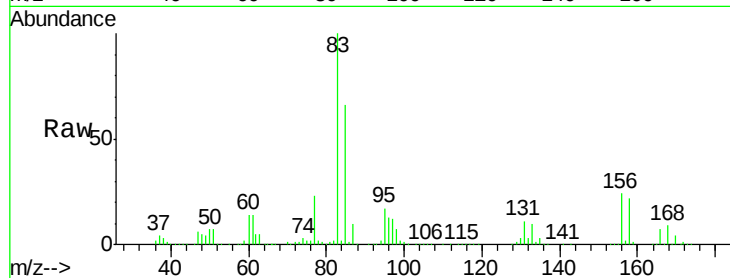
#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.127 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	221102		
131	11.0	5.6	16.8	
85	64.8	32.4	97.2	

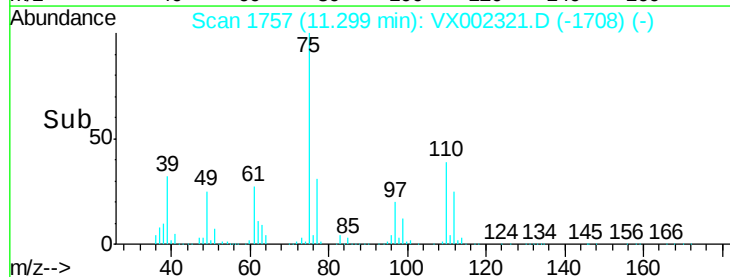
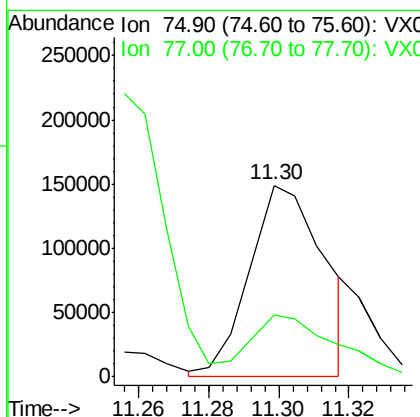
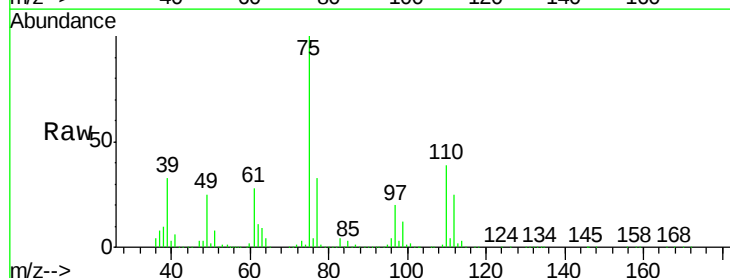
Manual Integrations
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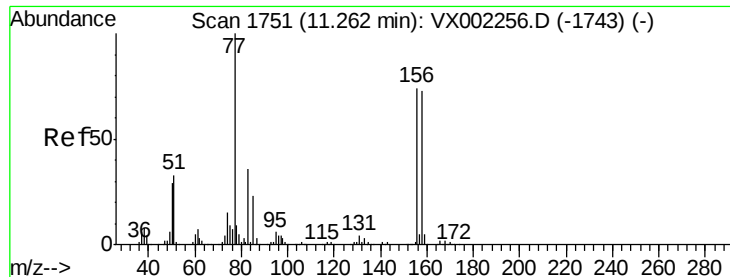
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#76
 1,2,3-Trichloropropane
 Concen: 43.750 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219845		
77	38.1	22.8	68.3	





#77

Bromobenzene

Concen: 47.093 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

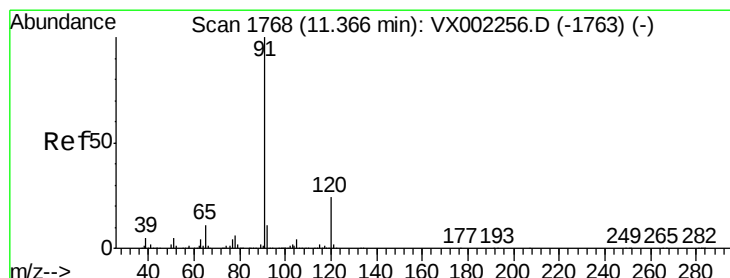
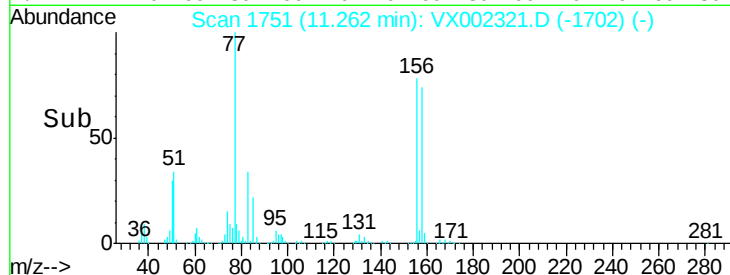
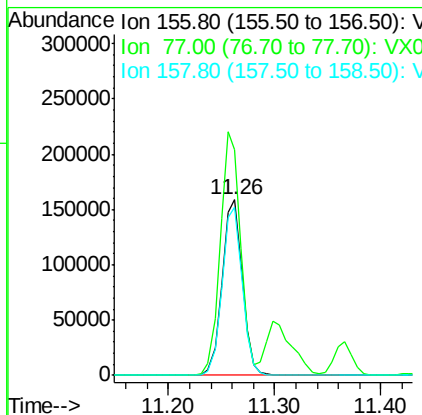
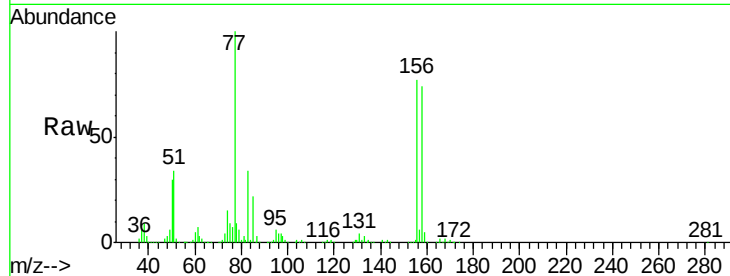
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		210622		
77	138.0	71.4	214.2		
158	95.6	48.9	146.6		

Manual Integrations
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6/6/2018 4:10:44 PM



#78

n-propylbenzene

Concen: 50.010 ug/l

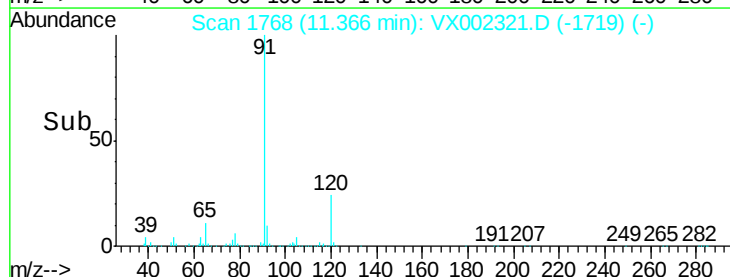
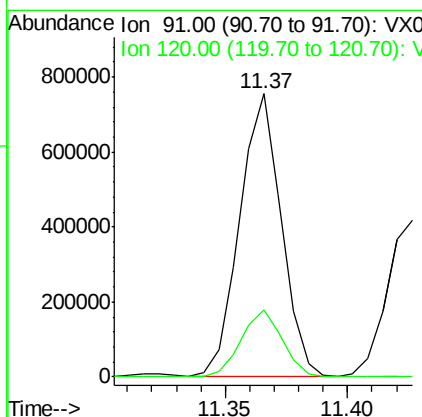
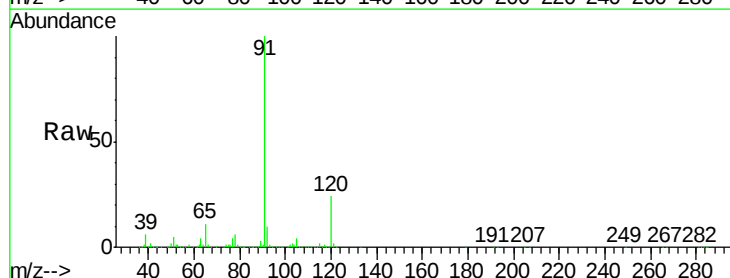
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		885526		
120	23.8	11.8	35.4		





#79

2-Chlorotoluene

Concen: 46.565 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 520636

Ion Ratio Lower Upper

91 100

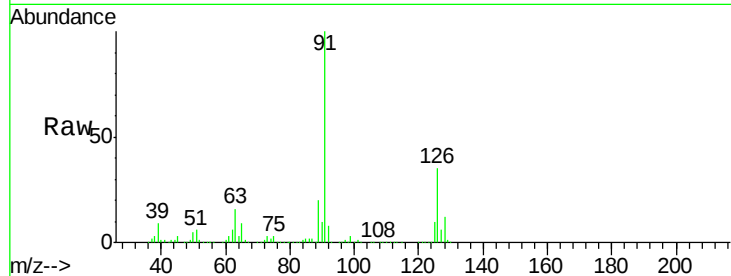
126 35.4 17.7 53.1

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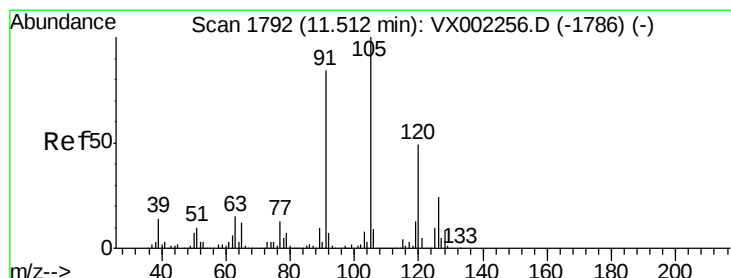
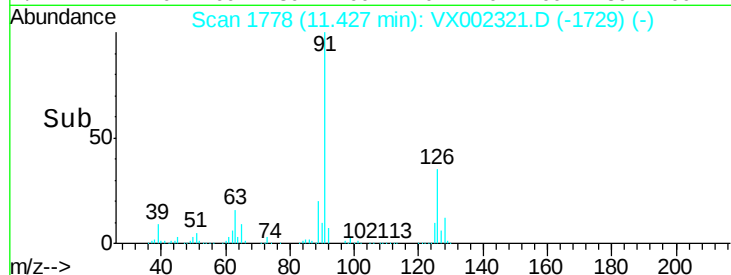
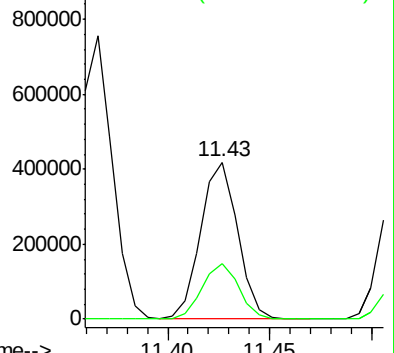
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.792 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002321.D

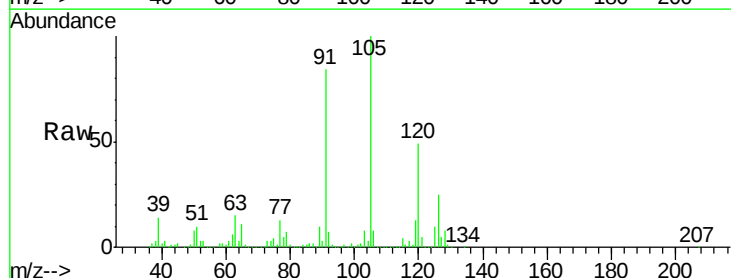
Acq: 05 Jun 2018 22:37

Tgt Ion: 105 Resp: 666705

Ion Ratio Lower Upper

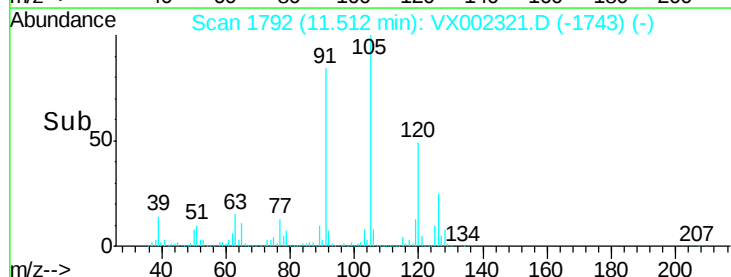
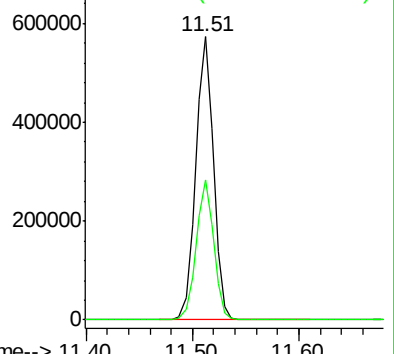
105 100

120 48.7 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: 38.691 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 55465

Ion Ratio Lower Upper

75 100

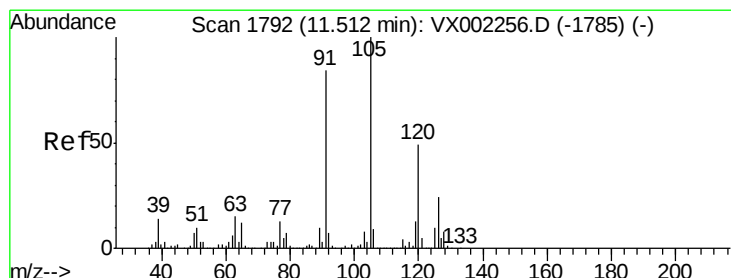
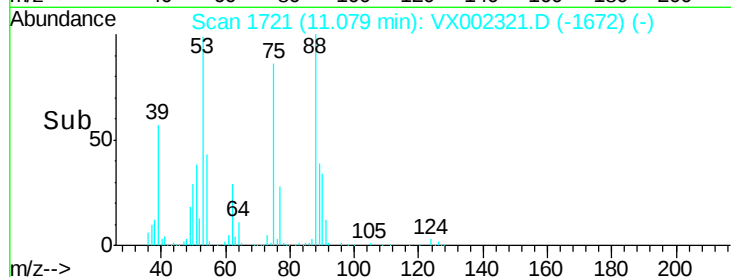
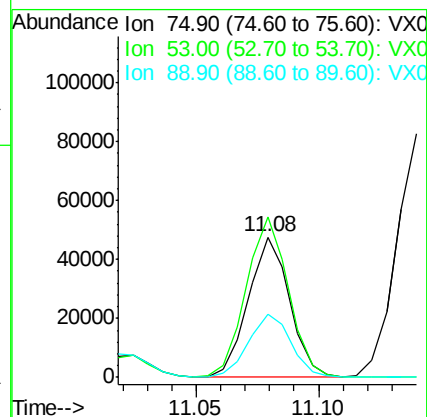
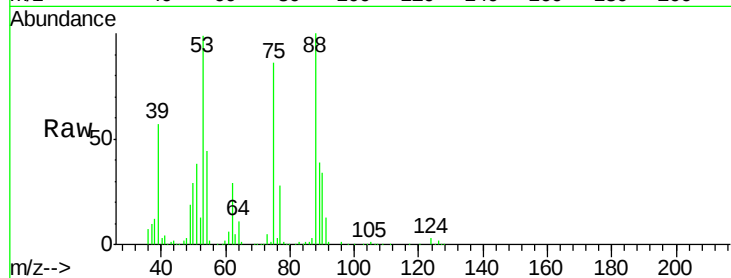
53 117.7 86.8 130.2

89 46.6 38.2 57.2

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#82

4-Chlorotoluene

Concen: 48.105 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002321.D

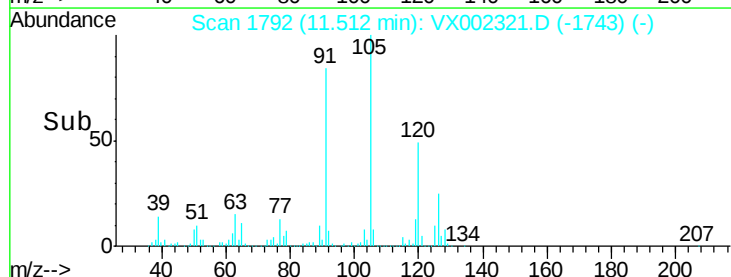
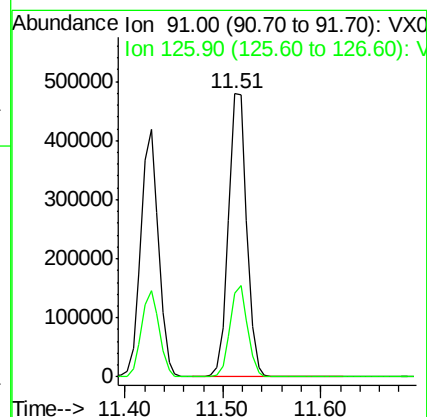
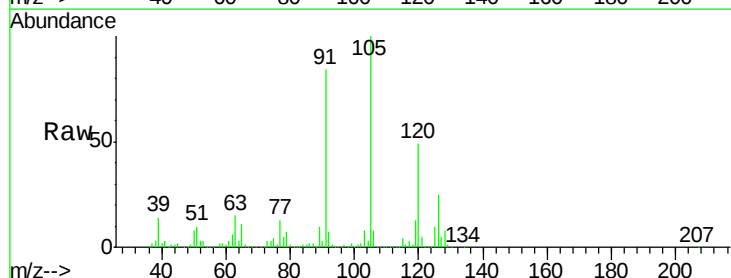
Acq: 05 Jun 2018 22:37

Tgt Ion: 91 Resp: 620812

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4





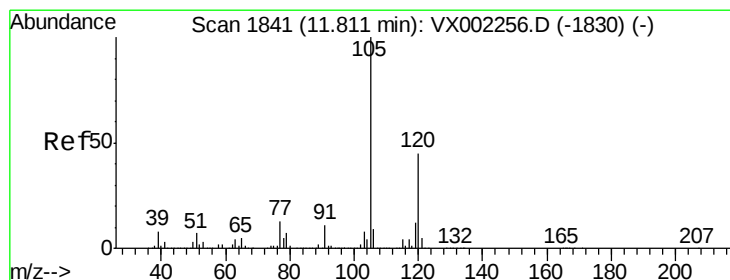
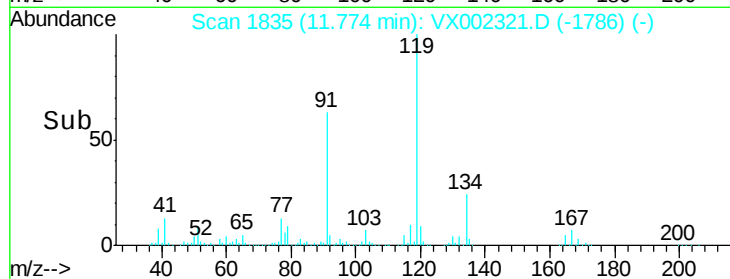
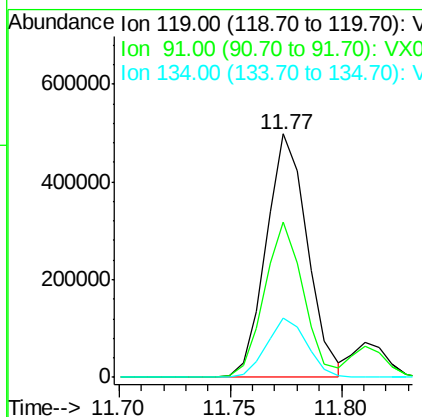
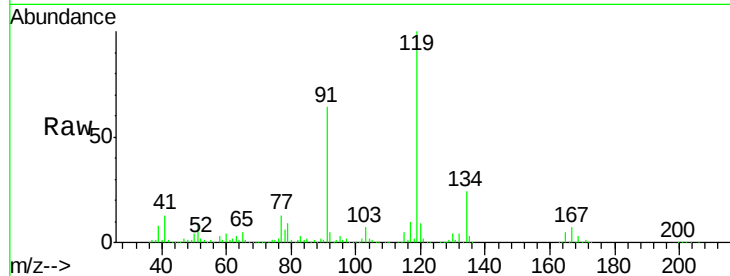
#83
tert-Butylbenzene
Concen: 48.152 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.3	90.9
134	23.9	11.7	35.1

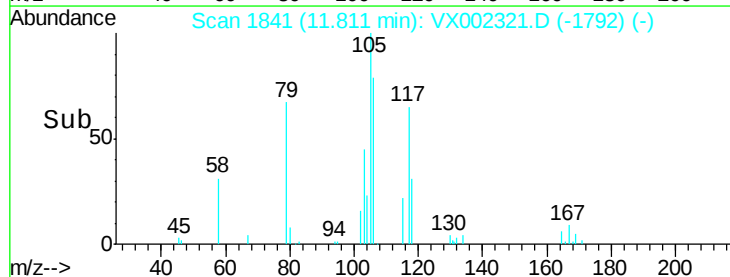
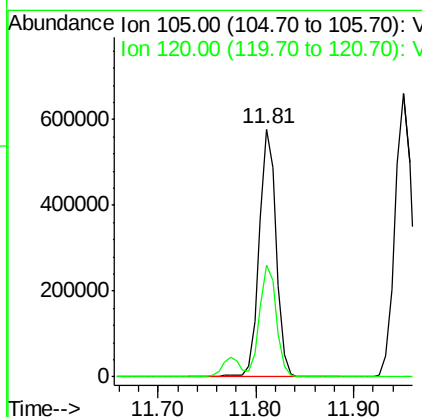
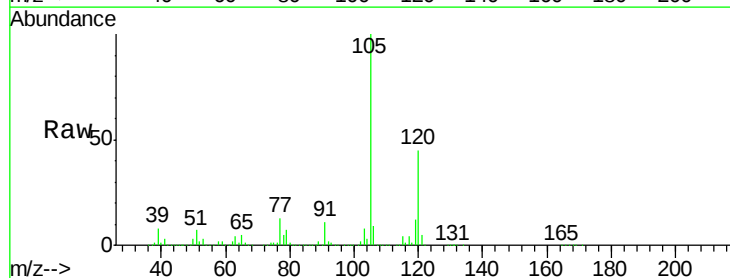
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#84
1,2,4-Trimethylbenzene
Concen: 48.927 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.8





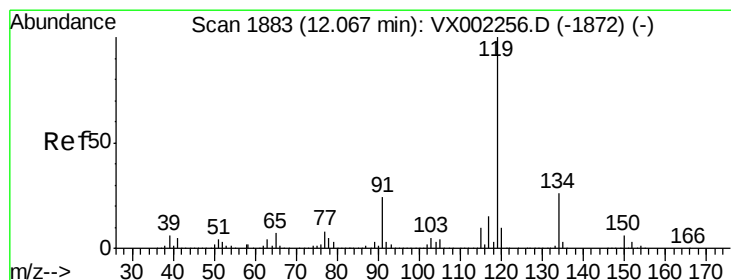
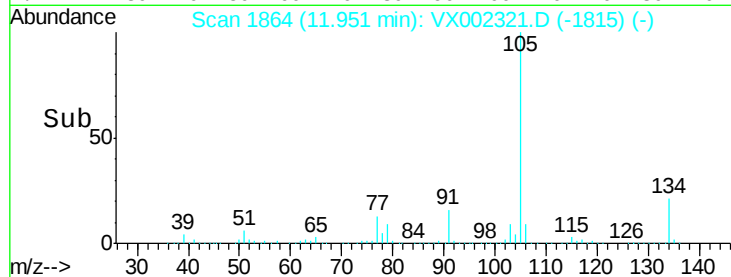
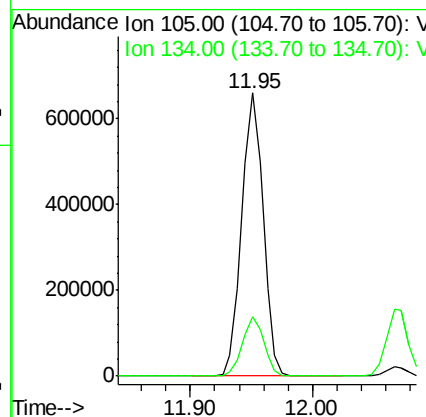
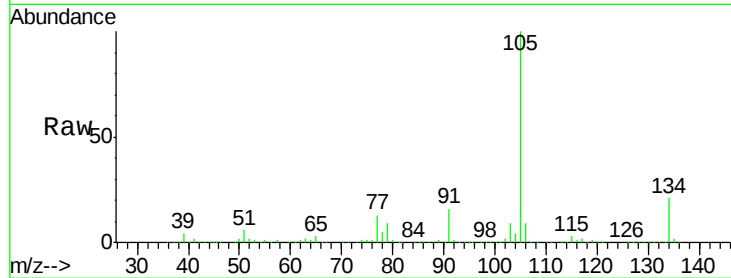
#85
 sec-Butylbenzene
 Concen: 51.130 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 797589
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

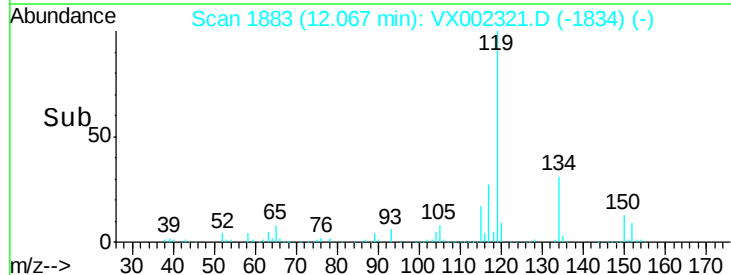
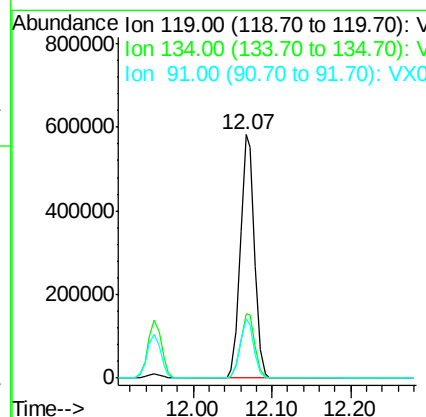
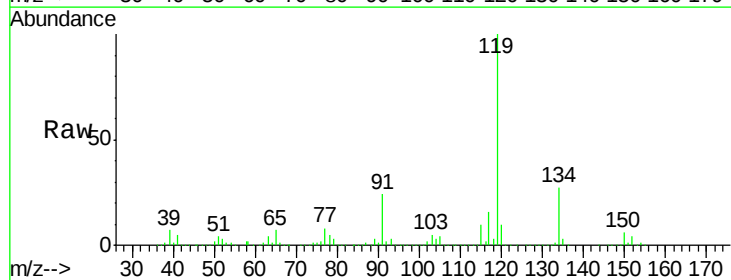
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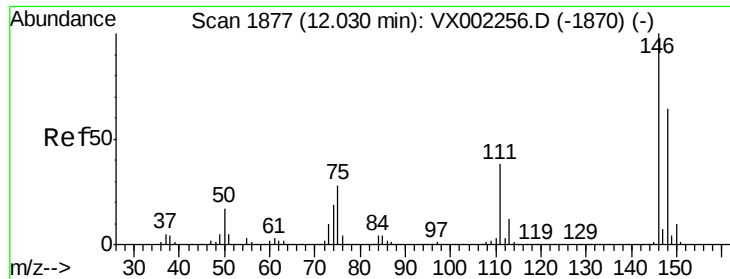
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#86
 p-Isopropyltoluene
 Concen: 50.844 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion:119 Resp: 722436
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 47.967 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

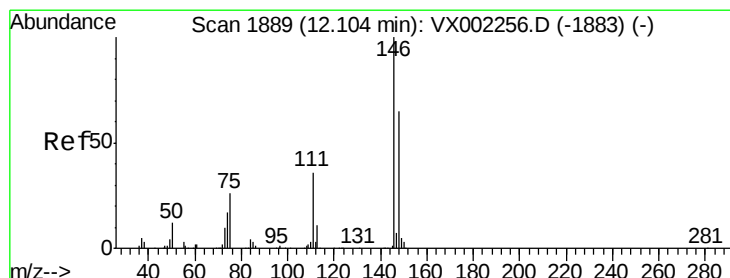
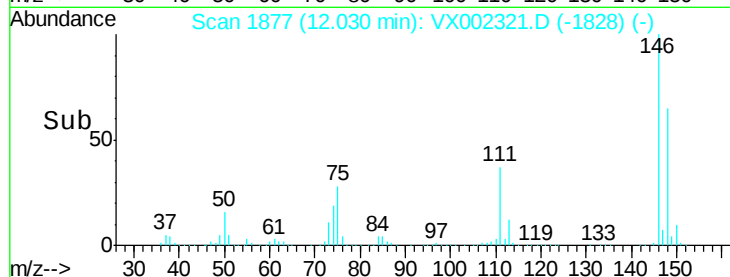
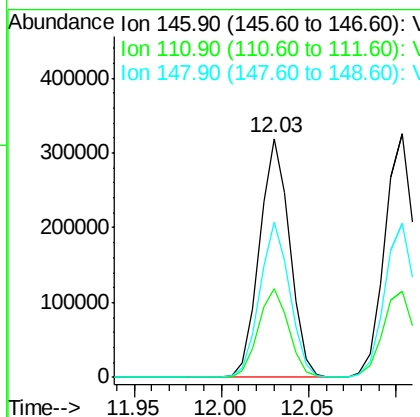
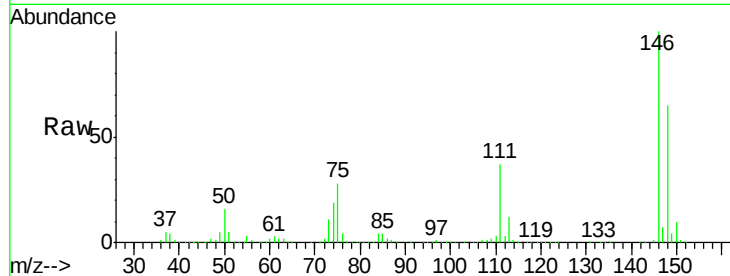
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	383586
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.9	56.7
148	64.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.262 ug/l

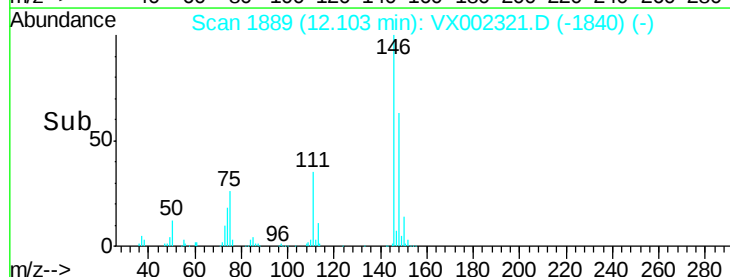
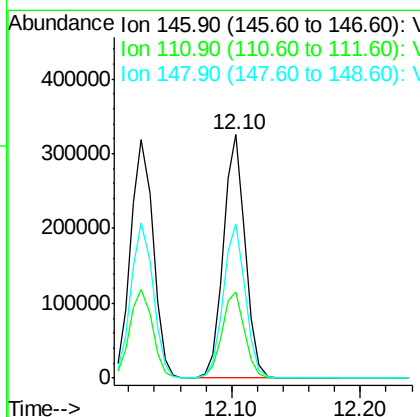
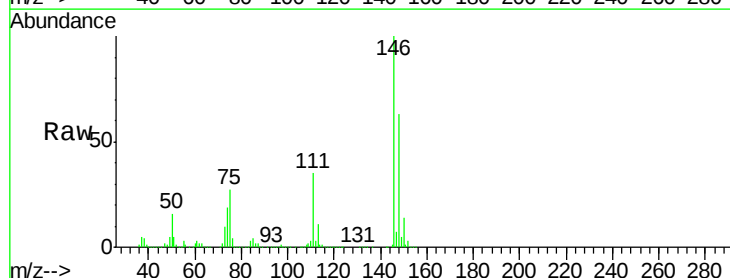
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion:	146	Resp:	389570
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.7	56.1
148	63.8	32.4	97.0





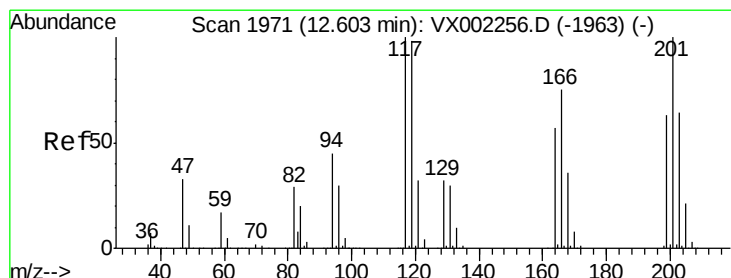
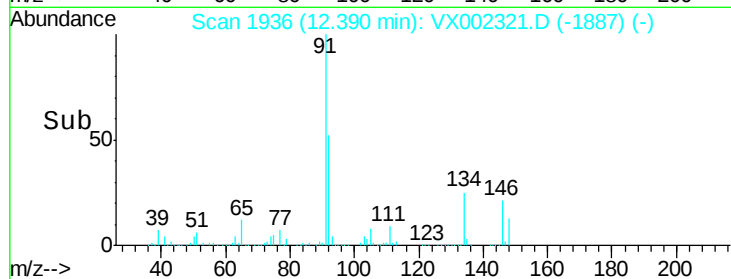
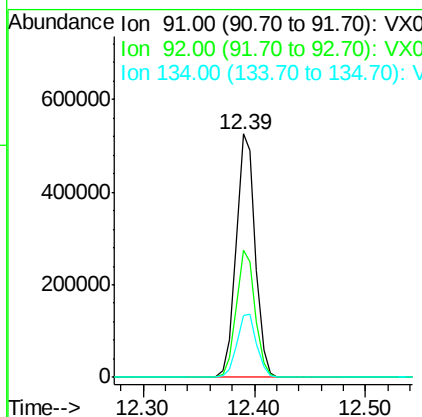
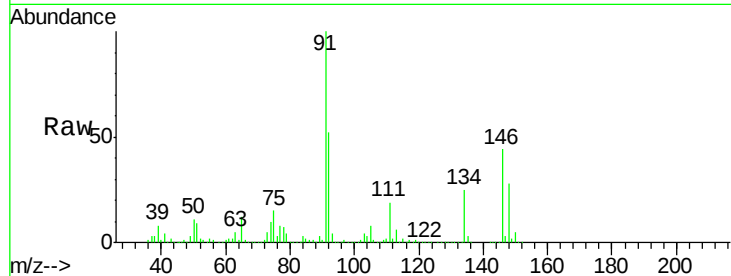
#89
n-Butylbenzene
Concen: 52.007 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	26.8	13.5	40.5

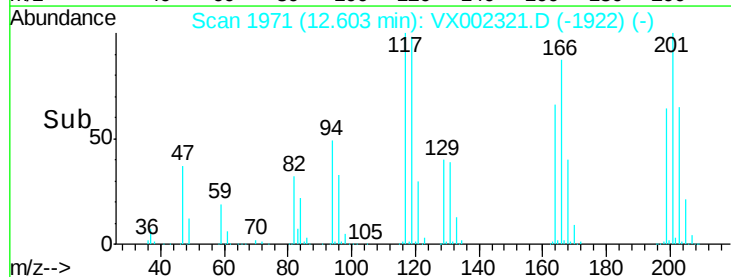
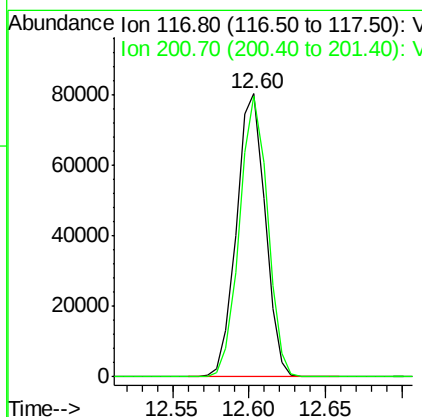
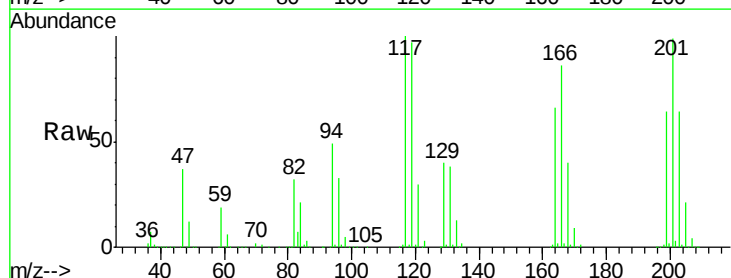
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#90
Hexachloroethane
Concen: 46.182 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.6	49.0	147.0





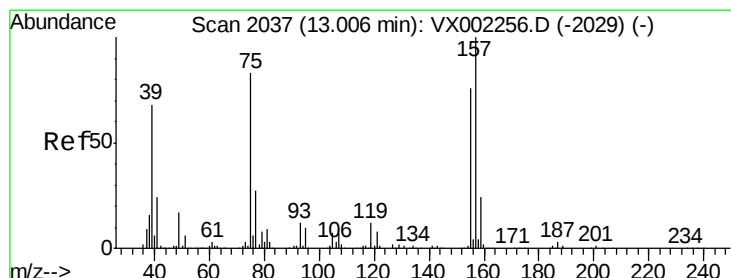
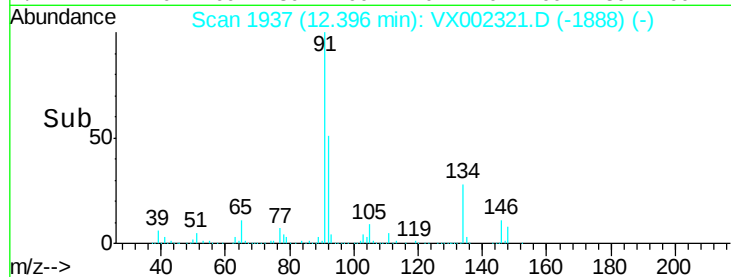
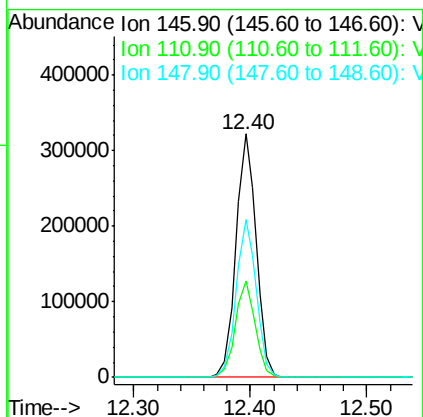
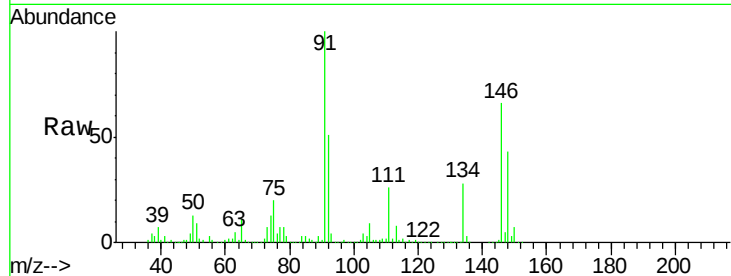
#91
 1,2-Dichlorobenzene
 Concen: 47.113 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	389815		
111	38.9	19.4	58.1	
148	64.5	31.7	95.1	

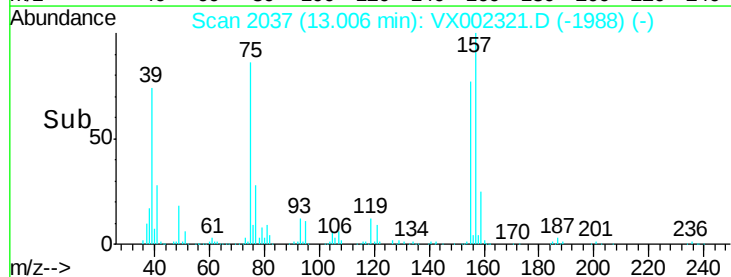
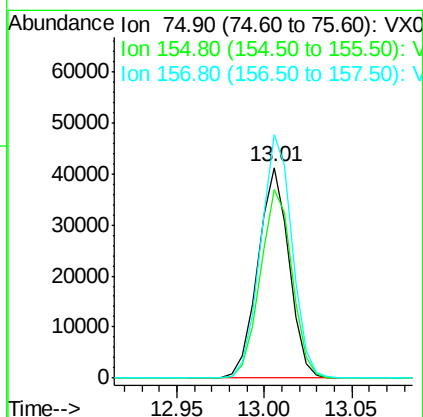
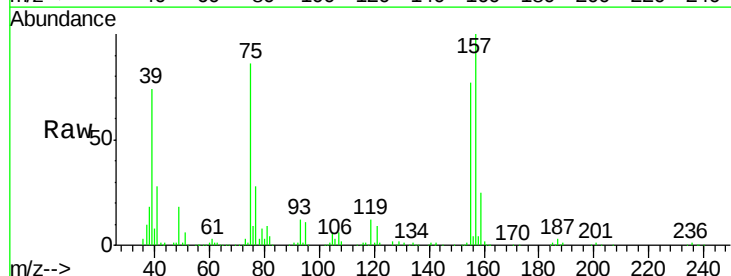
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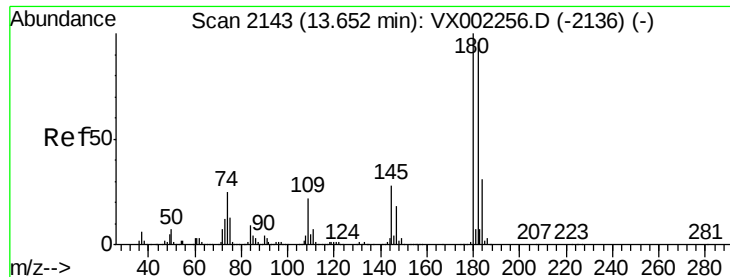
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.355 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	50792		
155	91.6	45.8	137.4	
157	117.4	60.1	180.3	





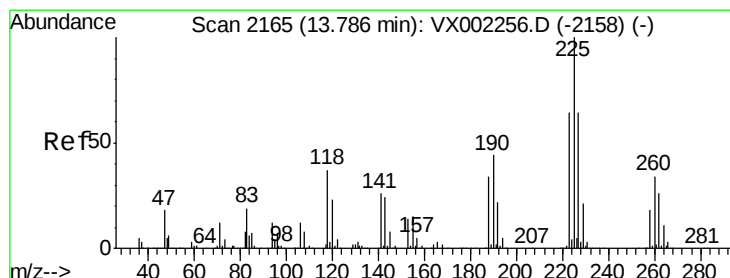
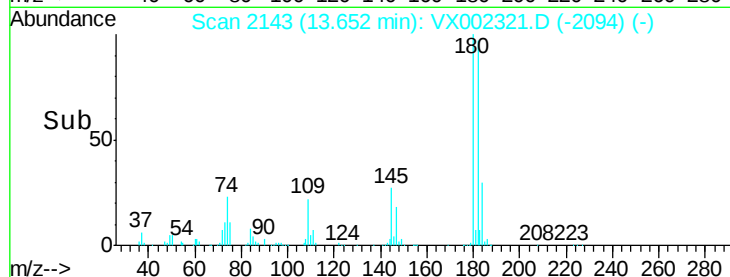
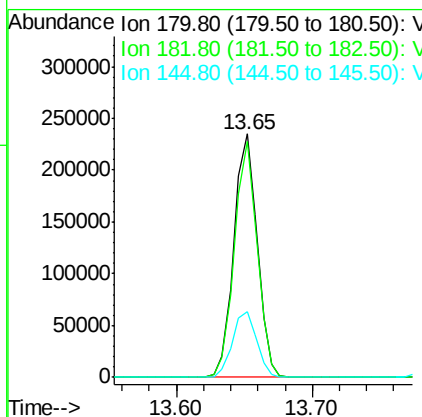
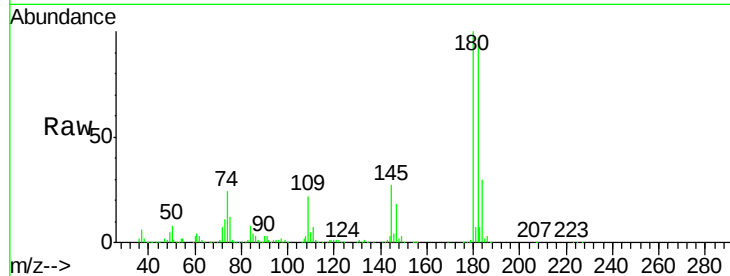
#93
 1,2,4-Trichlorobenzene
 Concen: 48.383 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280701		
182	95.1	47.7	143.1	
145	28.0	14.1	42.4	

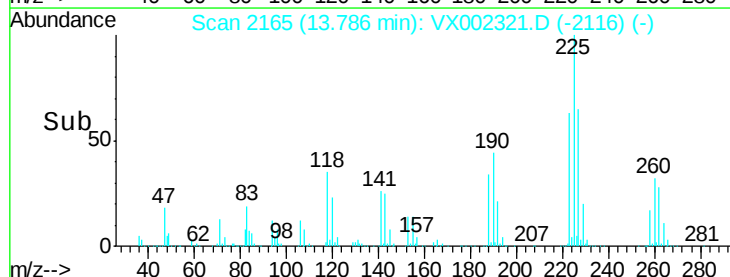
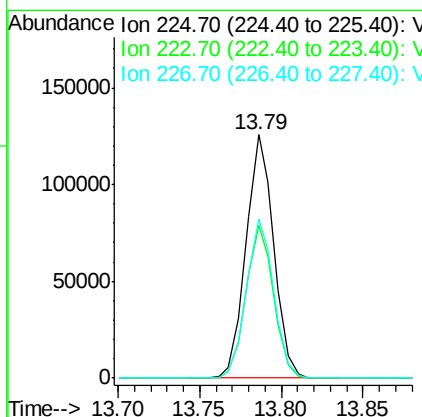
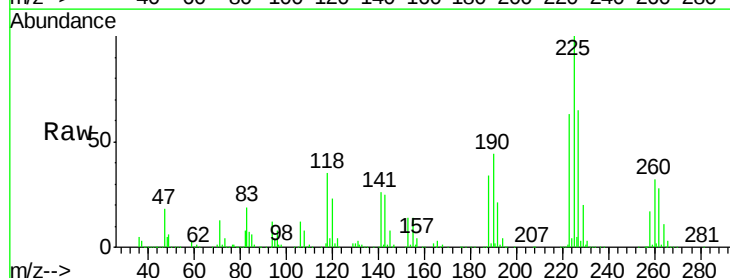
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#94
 Hexachlorobutadiene
 Concen: 51.895 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148777		
223	62.3	31.6	95.0	
227	64.6	32.4	97.2	





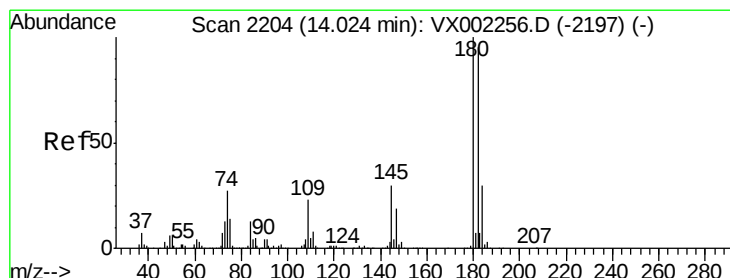
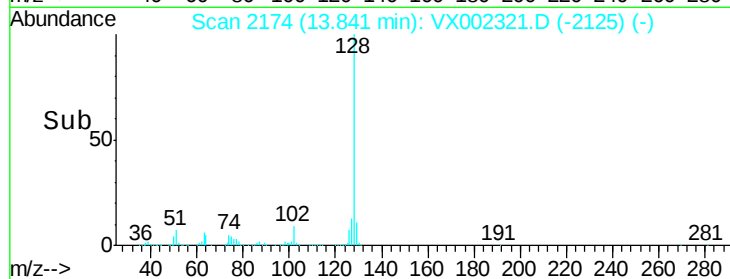
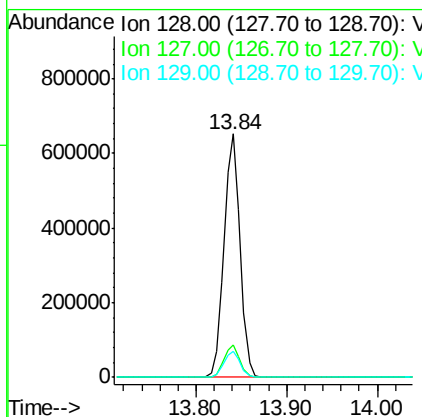
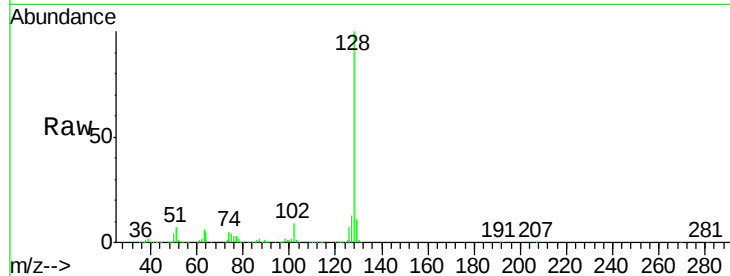
#95
Naphthalene
Concen: 48.620 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot 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: 49.163 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	29.5	14.8	44.3

