

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002482.D
 Acq On : 12 Jun 2018 22:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:38 PM

Quant Time: Jun 13 03:33:34 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	204446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143162	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.51	113	112814	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.72	98	430707	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.14	95	164886	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98087	46.152	ug/l	99
3) Chloromethane	1.32	50	113514	46.408	ug/l	100
4) Vinyl Chloride	1.41	62	131992	49.278	ug/l	100
5) Bromomethane	1.64	94	75976	50.131	ug/l	98
6) Chloroethane	1.72	64	90651	52.319	ug/l	97
7) Trichlorofluoromethane	1.93	101	230501	56.480	ug/l	98
8) Diethyl Ether	2.19	74	83624	58.046	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128197	58.210	ug/l	100
10) Methyl Iodide	2.51	142	135857	43.858	ug/l	98
11) Tert butyl alcohol	3.08	59	172492	291.137	ug/l	98
12) 1,1-Dichloroethene	2.37	96	113822	52.297	ug/l	100
13) Acrolein	2.30	56	62418	213.601	ug/l	98
14) Allyl chloride	2.73	41	229481	48.585	ug/l	99
15) Acrylonitrile	3.15	53	364250	294.463	ug/l	99
16) Acetone	2.45	43	345733	277.039	ug/l	99
17) Carbon Disulfide	2.57	76	246534	42.977	ug/l	99
18) Methyl Acetate	2.78	43	180011	62.114	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	439236	58.353	ug/l	100
20) Methylene Chloride	2.86	84	133258	58.093	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	122948	51.226	ug/l	96
22) Diisopropyl ether	3.88	45	406938	51.619	ug/l	98
23) Vinyl Acetate	3.83	43	1734754	226.560	ug/l	100
24) 1,1-Dichloroethane	3.70	63	240309	51.477	ug/l	100
25) 2-Butanone	4.71	43	463478	231.209	ug/l	100
26) 2,2-Dichloropropane	4.59	77	137768	37.754	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	121812	46.668	ug/l	94
28) Bromochloromethane	5.03	49	110388	56.028	ug/l	99
29) Tetrahydrofuran	5.17	42	303443	234.784	ug/l	99
30) Chloroform	5.22	83	221621	49.198	ug/l	97
31) Cyclohexane	5.58	56	179330	48.580	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	191096	50.021	ug/l	99
36) 1,1-Dichloropropene	5.80	75	155617	49.652	ug/l	99
37) Ethyl Acetate	4.87	43	181743	48.219	ug/l	99
38) Carbon Tetrachloride	5.79	117	167594	51.114	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181508	46.892	ug/l	97
40) Benzene	6.15	78	473879	49.312	ug/l	99
41) Methacrylonitrile	5.07	41	104521	48.442	ug/l	99
42) 1,2-Dichloroethane	6.20	62	188244	49.304	ug/l	100
43) Isopropyl Acetate	6.47	43	303293	47.375	ug/l	99
44) Trichloroethene	7.22	130	131337	49.243	ug/l	96
45) 1,2-Dichloropropane	7.52	63	127907	49.303	ug/l	97
46) Dibromomethane	7.67	93	86831	49.372	ug/l	97
47) Bromodichloromethane	7.90	83	160254	50.382	ug/l	98
48) Methyl methacrylate	7.78	41	156815	48.764	ug/l	98
49) 1,4-Dioxane	7.76	88	61617	1024.775	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1022479	256.466	ug/l	100
52) Toluene	8.79	92	309866	50.698	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	184774	48.441	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	171954	47.782	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	129490	51.511	ug/l	100
56) Ethyl methacrylate	9.18	69	196011	48.839	ug/l	98
57) 1,3-Dichloropropane	9.38	76	211600	50.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	470851	253.480	ug/l	100
59) 2-Hexanone	9.50	43	780499	253.456	ug/l	100
60) Dibromochloromethane	9.59	129	132788	52.516	ug/l	100
61) 1,2-Dibromoethane	9.68	107	136017	51.893	ug/l	100
64) Tetrachloroethene	9.34	164	148064	48.358	ug/l	99
65) Chlorobenzene	10.14	112	360640	48.819	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	133080	49.752	ug/l	100
67) Ethyl Benzene	10.26	91	626436	50.671	ug/l	100
68) m/p-Xylenes	10.37	106	484299	100.775	ug/l	100
69) o-Xylene	10.70	106	236742	49.502	ug/l	100
70) Styrene	10.71	104	400232	51.192	ug/l	99
71) Bromoform	10.86	173	101476	42.888	ug/l #	99
73) Isopropylbenzene	11.02	105	653798	48.404	ug/l	100
74) N-amyl acetate	6.47	43	303293	41.672	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	198421	46.707	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171064m	40.151	ug/l	
77) Bromobenzene	11.26	156	177589	46.832	ug/l	98
78) n-propylbenzene	11.37	91	751657	50.067	ug/l	100
79) 2-Chlorotoluene	11.43	91	441338	46.556	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	557060	48.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48528	39.926	ug/l	94
82) 4-Chlorotoluene	11.51	91	524594	47.944	ug/l	99
83) tert-Butylbenzene	11.77	119	551434	48.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	574102	48.139	ug/l	98
85) sec-Butylbenzene	11.95	105	680652	51.463	ug/l	100
86) p-Isopropyltoluene	12.07	119	614754	51.029	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	326220	48.114	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	333294	47.690	ug/l	99
89) n-Butylbenzene	12.39	91	537754	53.223	ug/l	99
90) Hexachloroethane	12.60	117	90693	47.160	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	337756	48.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43592	46.923	ug/l	98

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VSTDCCC050

Manual Integrations
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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	243117	49.425	ug/l	100
94) Hexachlorobutadiene	13.79	225	131084	53.928	ug/l	100
95) Naphthalene	13.84	128	696382	49.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246947	49.226	ug/l	100

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

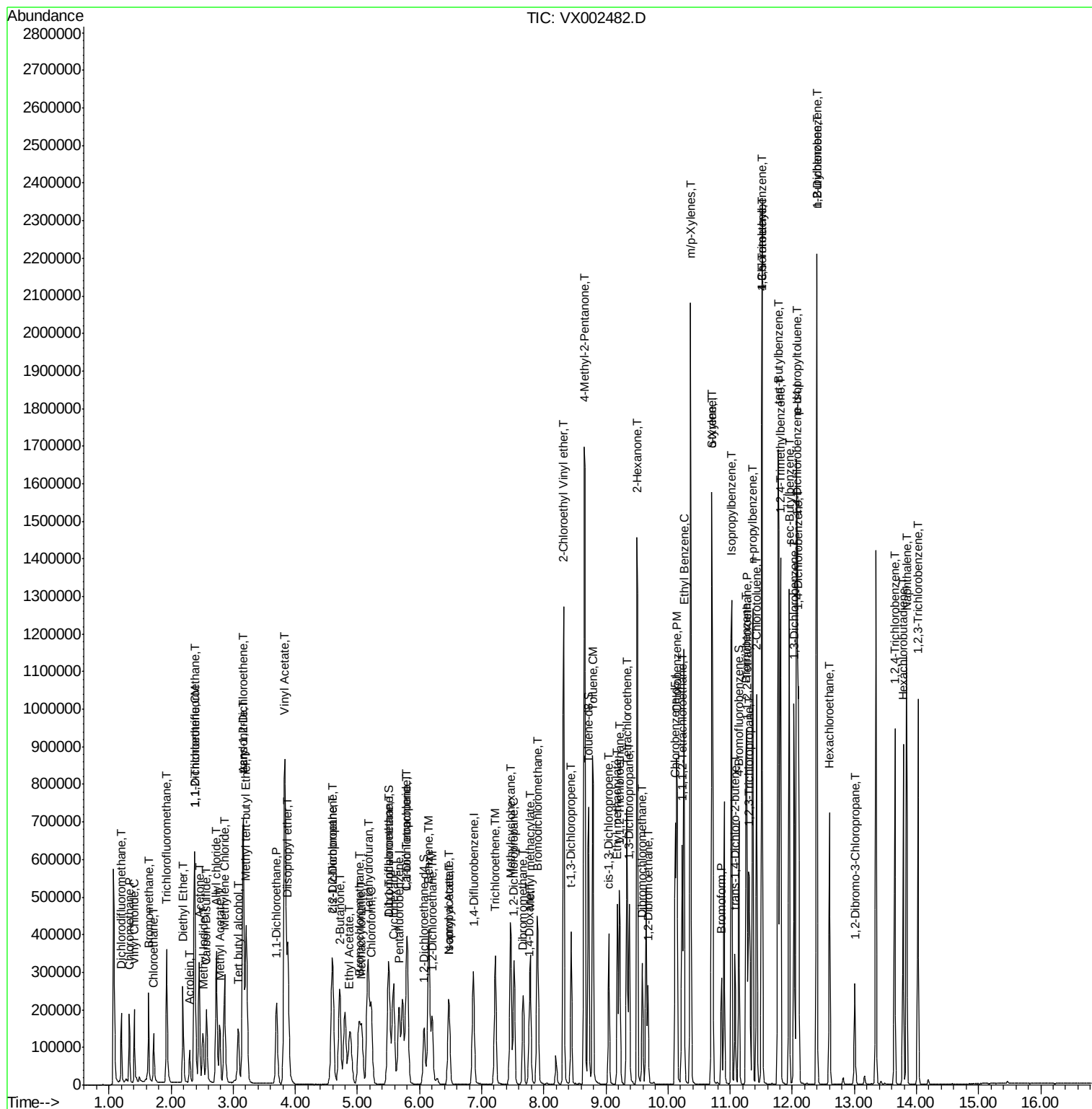
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061218\
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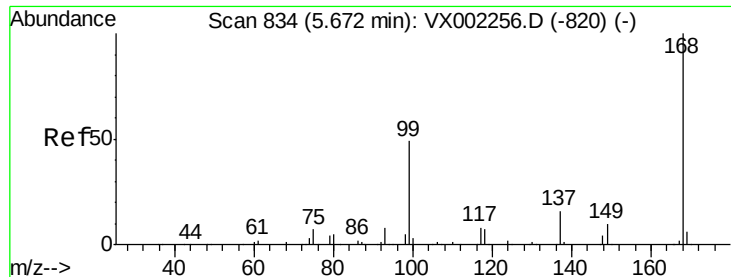
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC050

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 204446

Ion Ratio Lower Upper

168 100

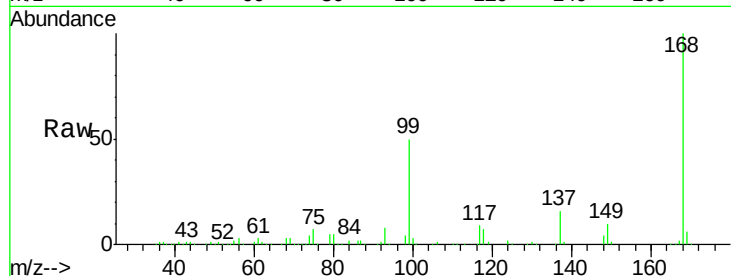
99 50.1 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

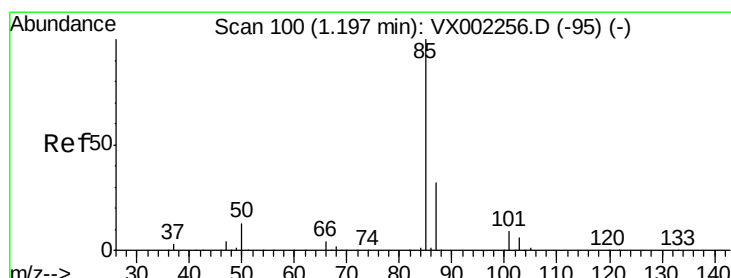
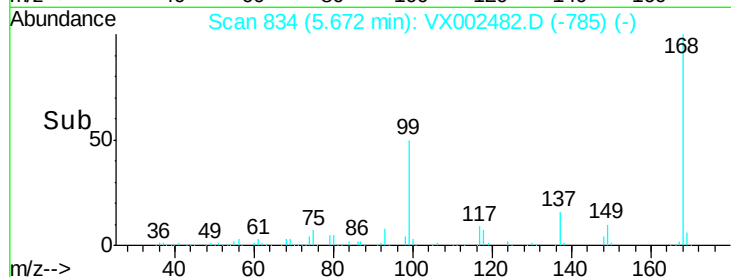
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.152 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002482.D

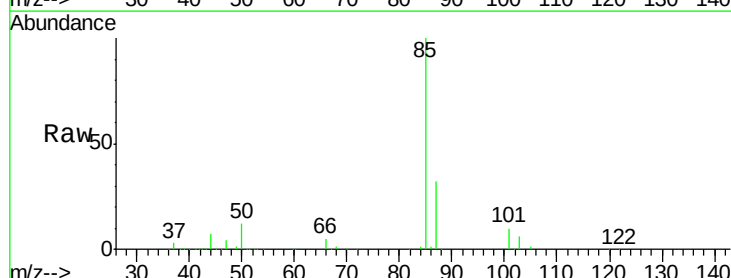
Acq: 12 Jun 2018 22:38

Tgt Ion: 85 Resp: 98087

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

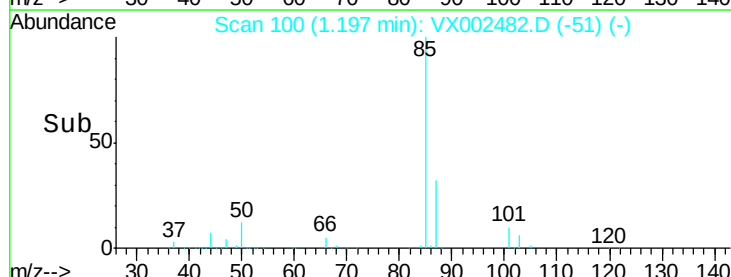
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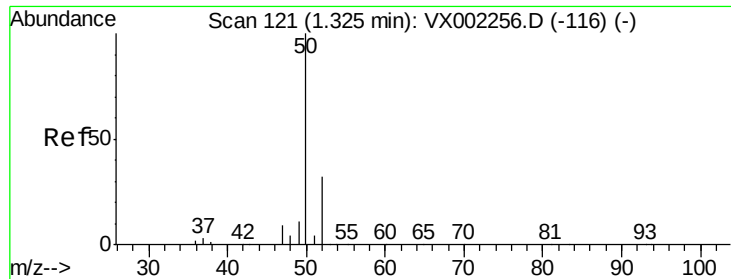
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1.15 1.20 1.25 1.30

Time-->





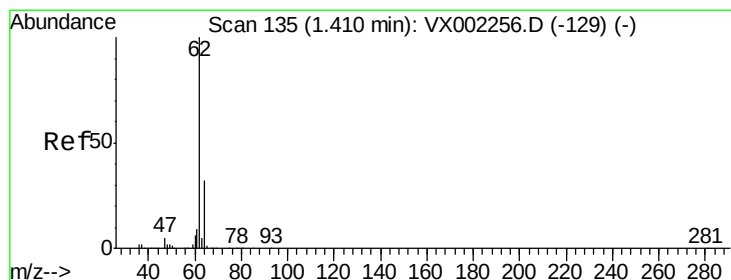
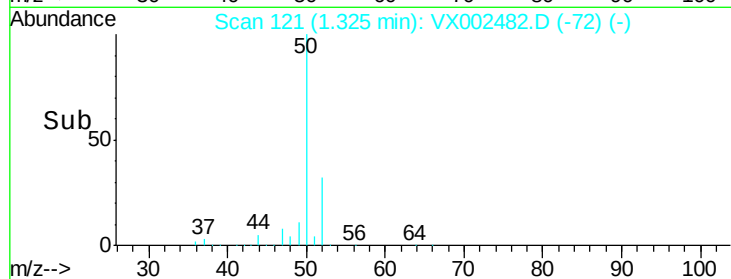
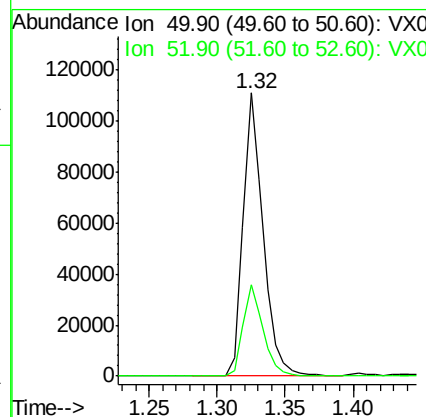
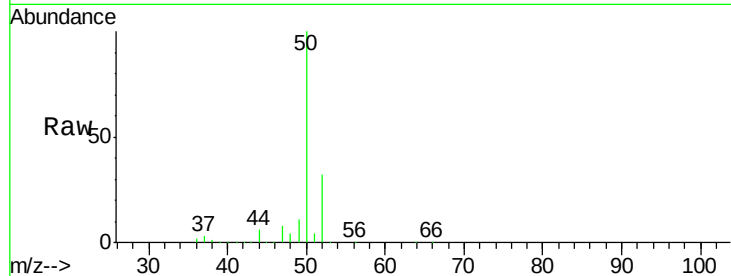
#3
Chloromethane
Concen: 46.408 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.7	38.5

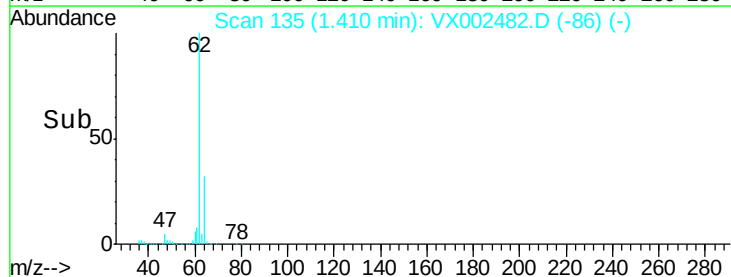
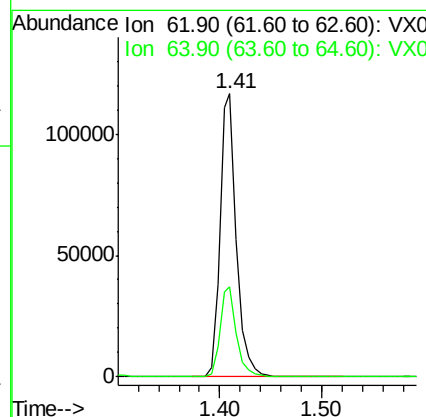
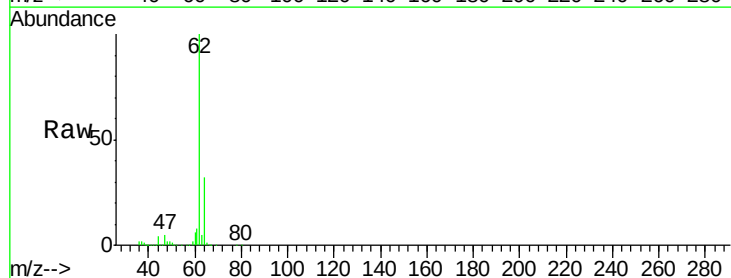
Manual Integrations
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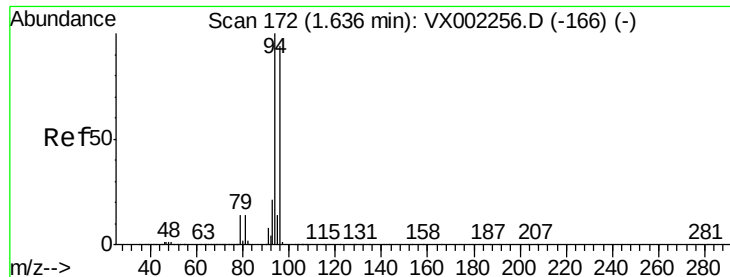
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#4
Vinyl Chloride
Concen: 49.278 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.4	38.2





#5

Bromomethane

Concen: 50.131 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75976

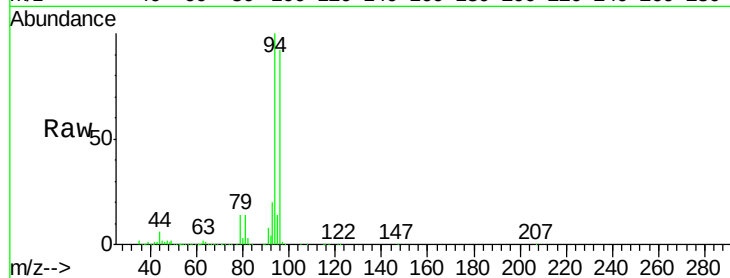
Ion Ratio Lower Upper

94 100

96 91.9 74.9 112.3

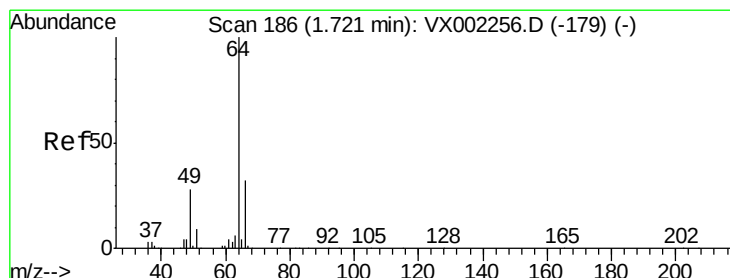
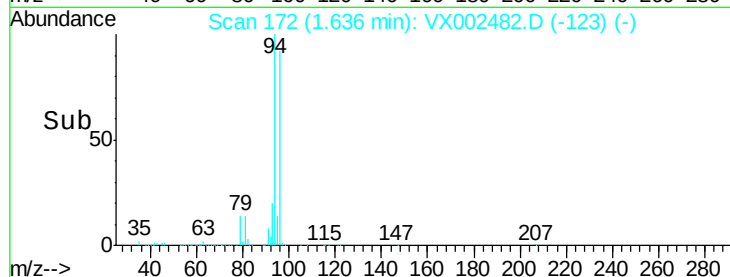
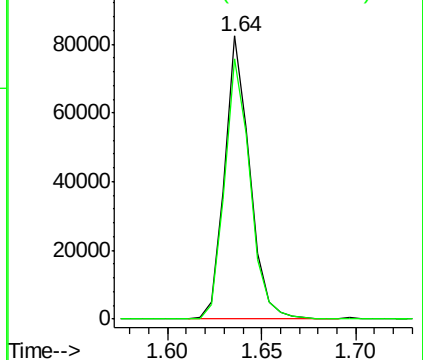
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.319 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002482.D

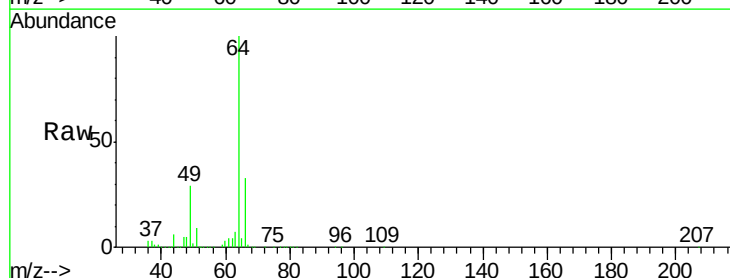
Acq: 12 Jun 2018 22:38

Tgt Ion: 64 Resp: 90651

Ion Ratio Lower Upper

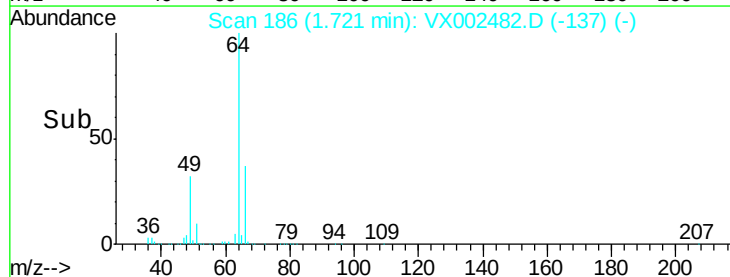
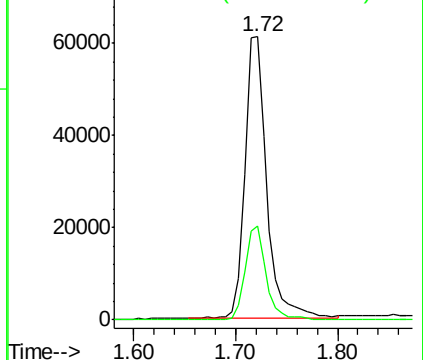
64 100

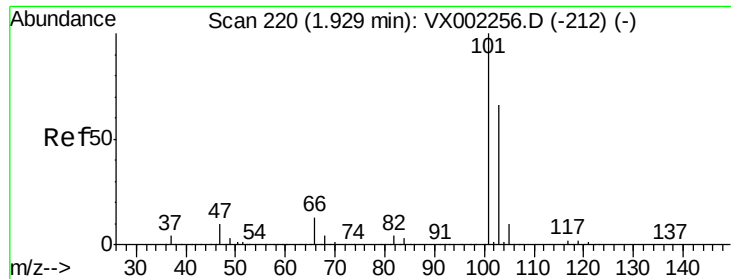
66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

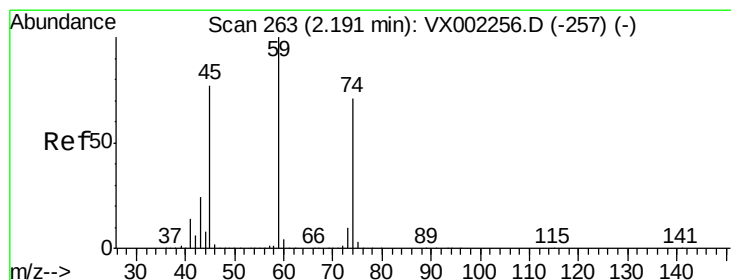
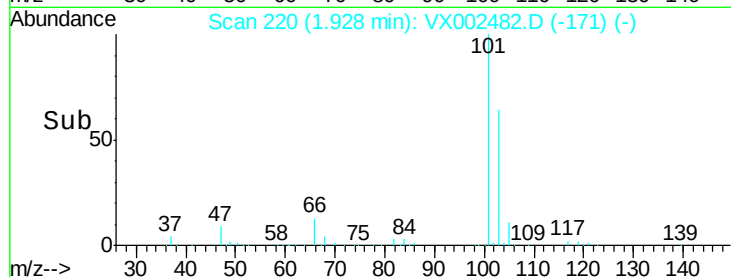
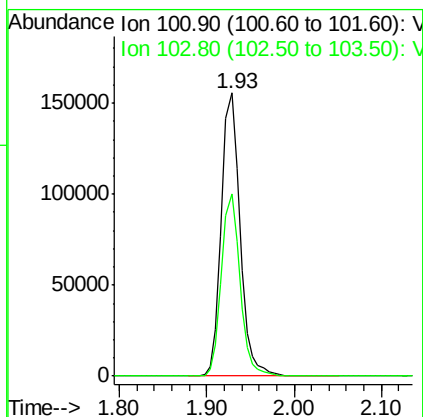
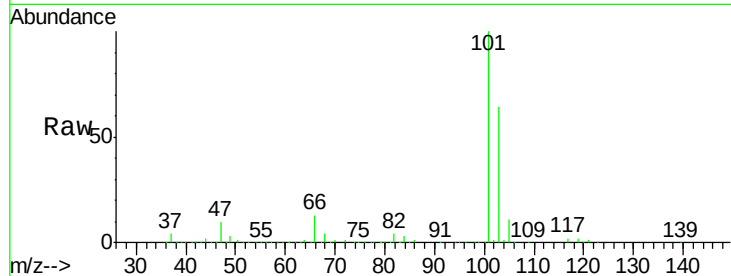
Trichlorofluoromethane
 Concen: 56.480 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.8	79.2

Manual Integrations
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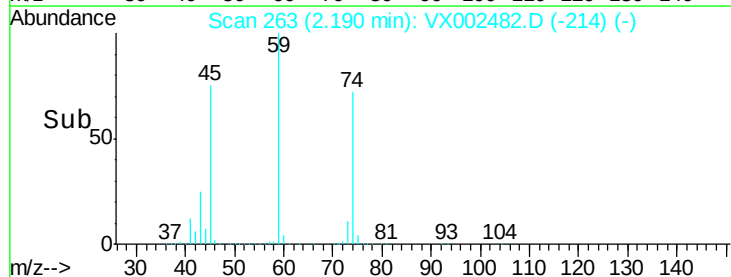
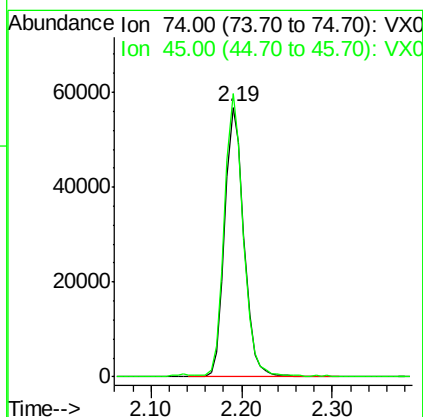
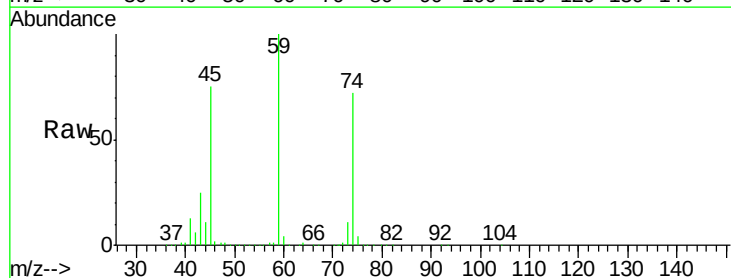
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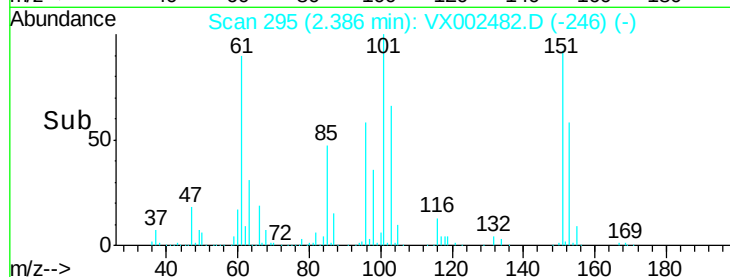
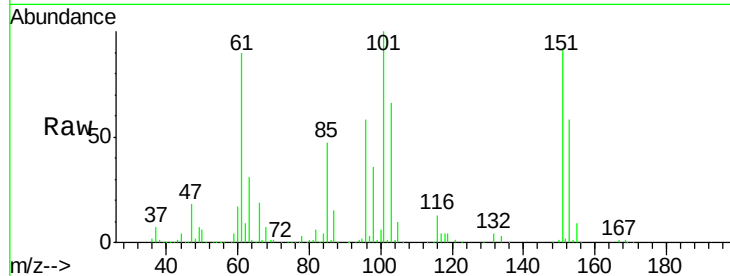
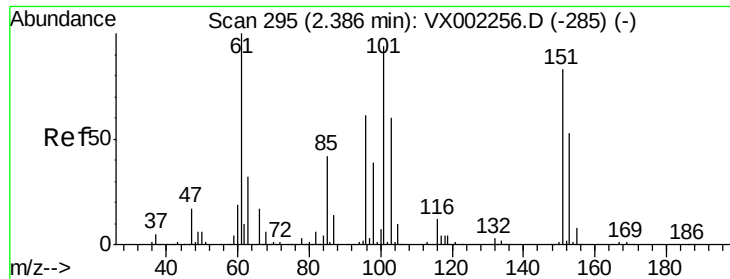


#8

Diethyl Ether
 Concen: 58.046 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.210 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

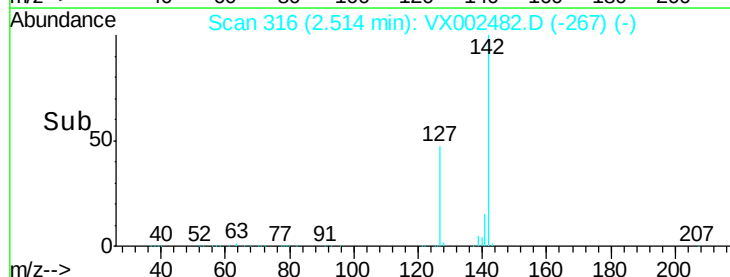
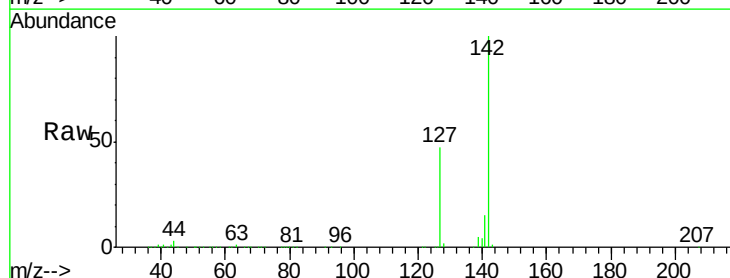
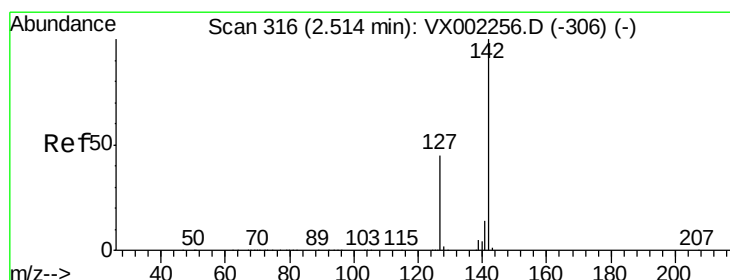
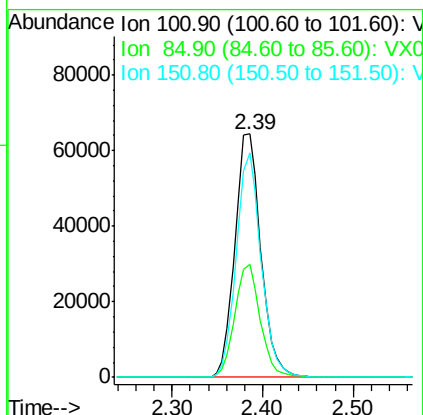
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	128197
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.0	54.0
151	88.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 43.858 ug/l

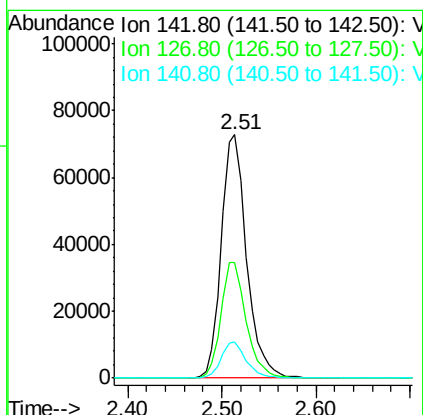
RT: 2.51 min Scan# 316

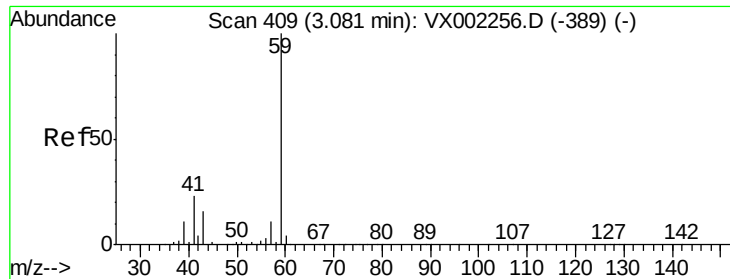
Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	142	Resp:	135857
Ion Ratio	Lower	Upper	
142	100		
127	47.5	36.6	55.0
141	14.6	11.3	16.9





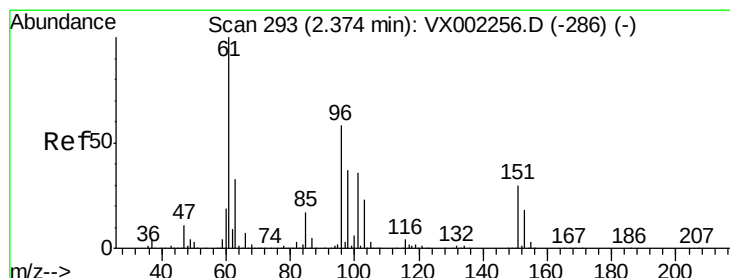
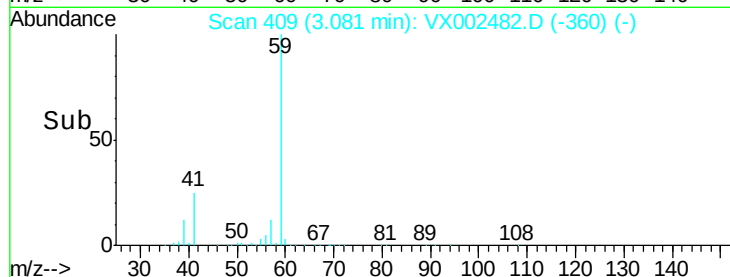
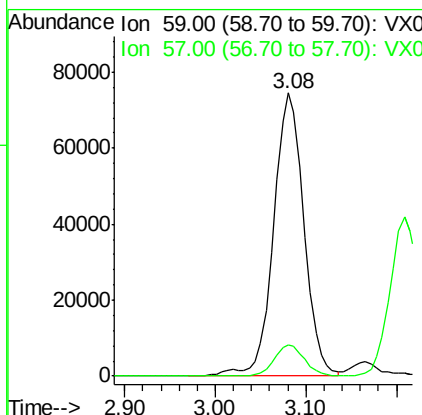
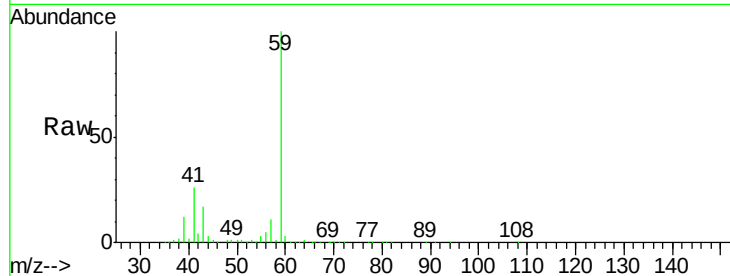
#11
Tert butyl alcohol
Concen: 291.137 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.9	8.2	12.2

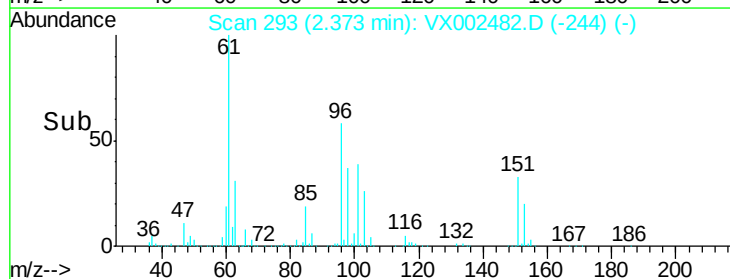
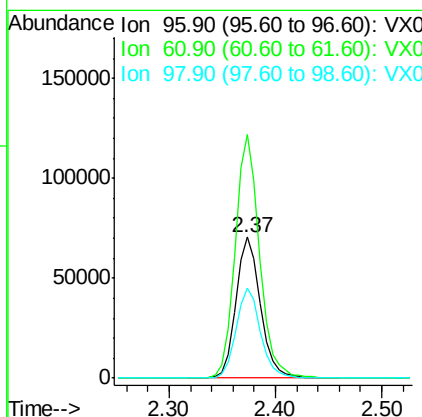
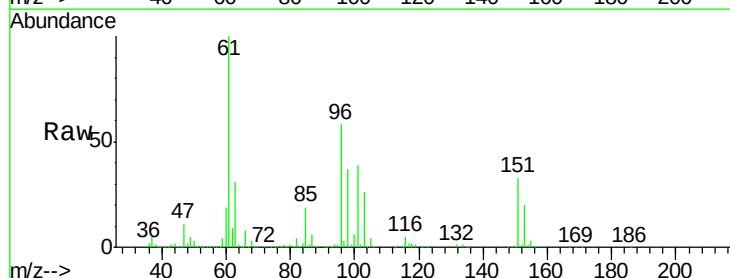
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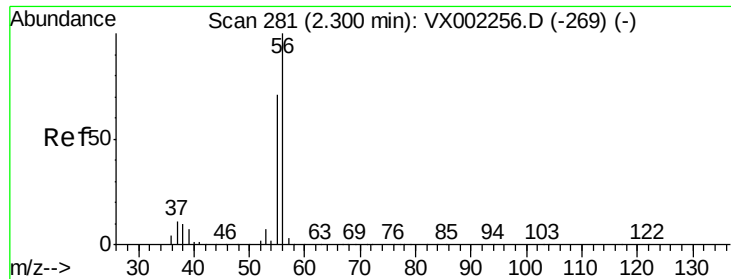
MMDadoda
6/13/2018 1:59:38 PM



#12
1,1-Dichloroethene
Concen: 52.297 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	172.7	137.9	206.9
98	98	64.1	51.6	77.4





#13

Acrolein

Concen: 213.601 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 62418

Ion Ratio Lower Upper

56 100

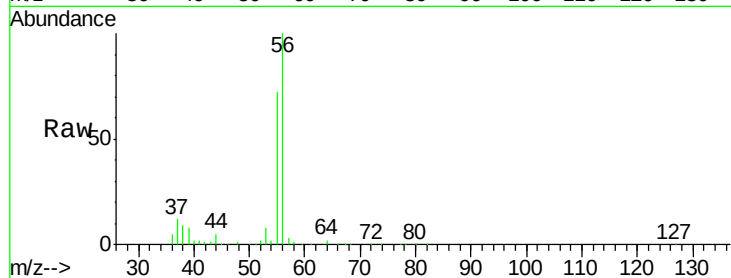
55 73.1 57.0 85.4

Manual Integrations

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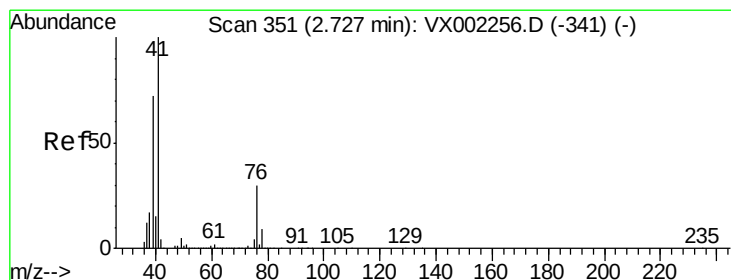
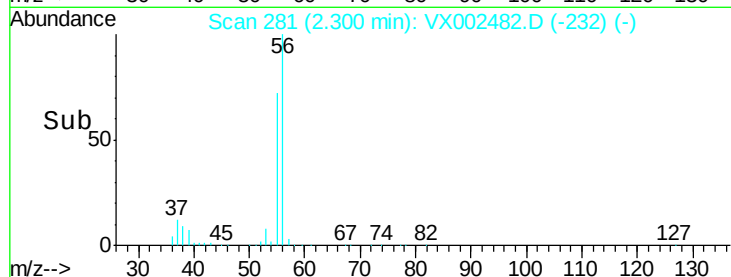
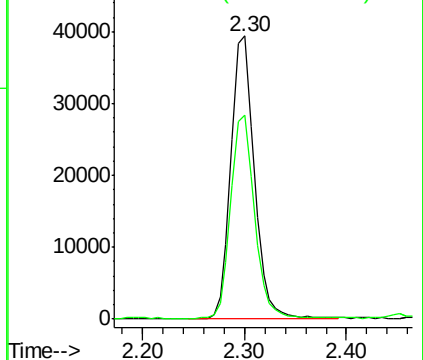
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.585 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

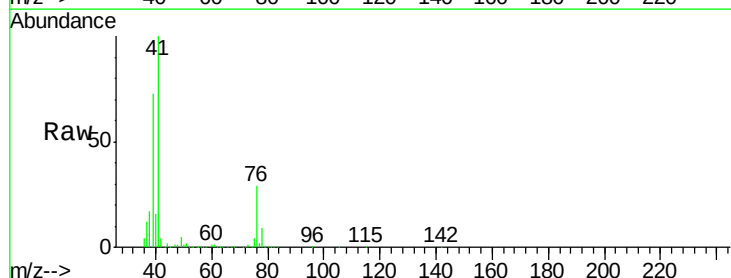
Tgt Ion: 41 Resp: 229481

Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

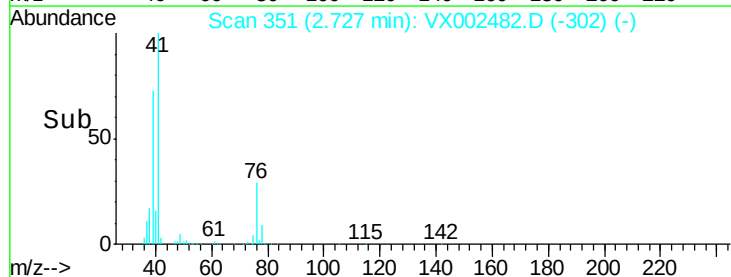
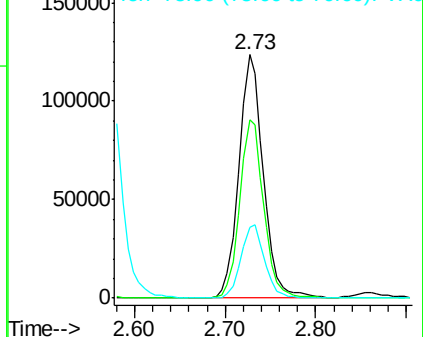
76 29.3 23.8 35.8

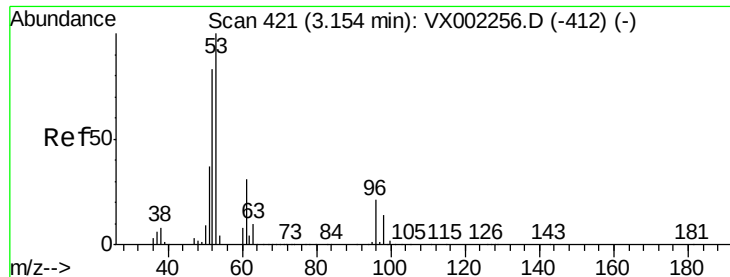


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 294.463 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

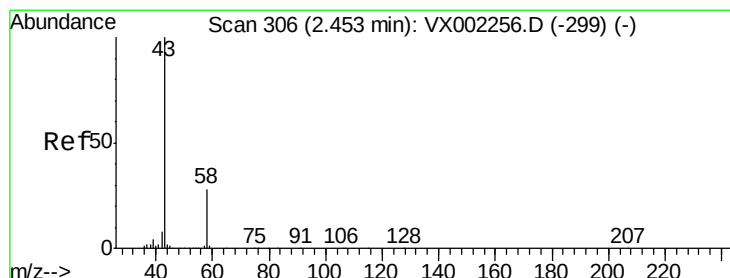
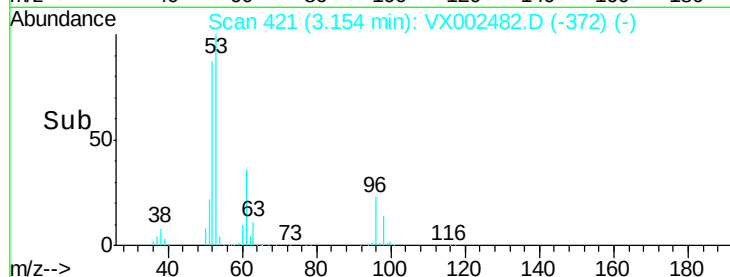
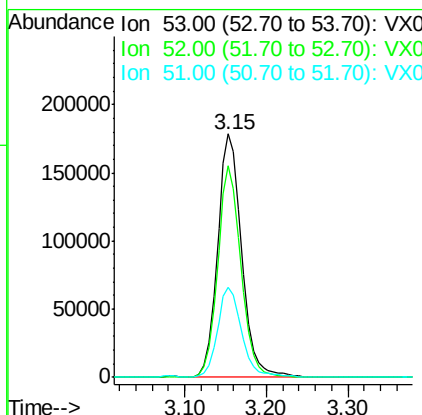
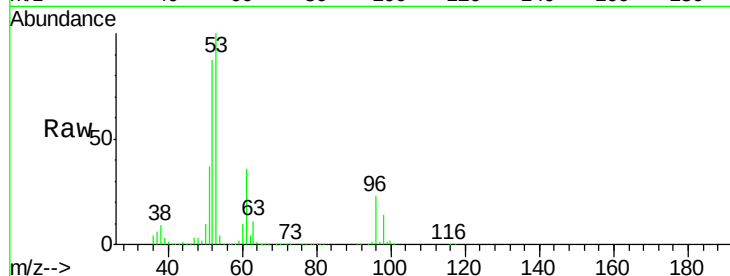
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	364250
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.7	100.1
51	37.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 277.039 ug/l

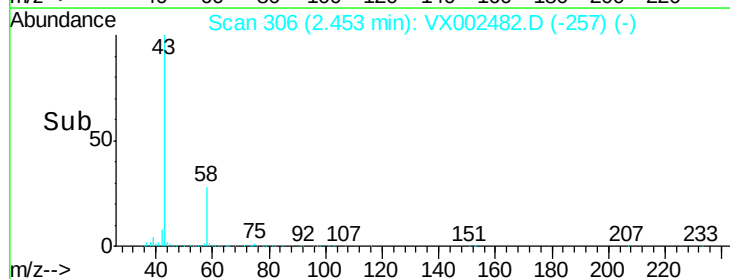
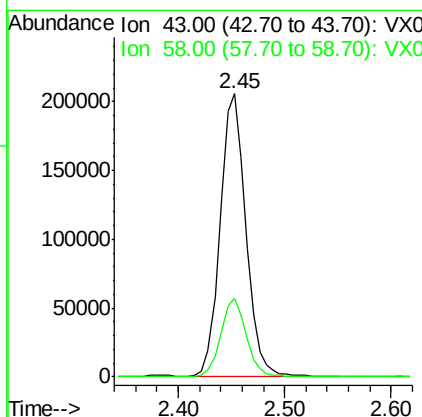
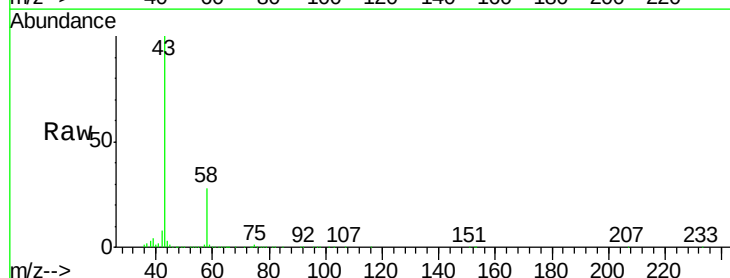
RT: 2.45 min Scan# 306

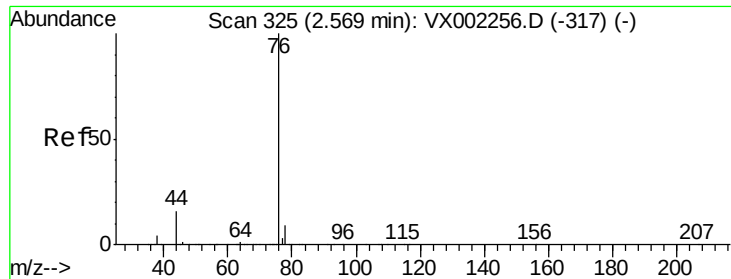
Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	43	Resp:	345733
Ion Ratio		Lower	Upper
43	100		
58	27.9	22.1	33.1





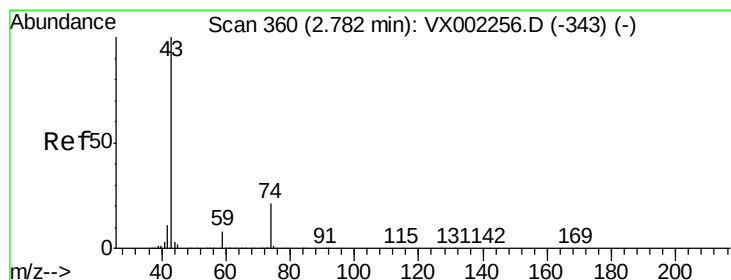
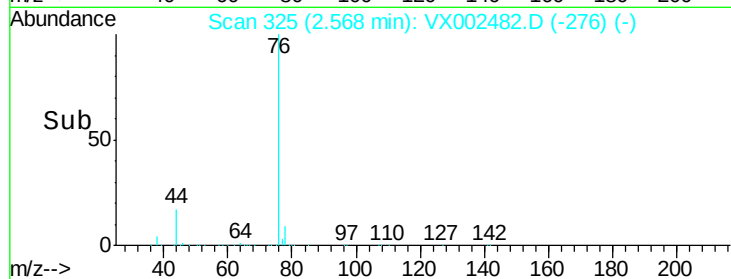
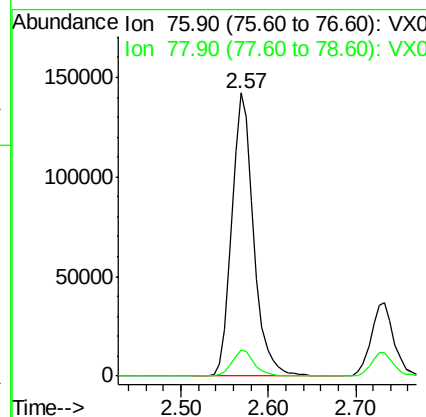
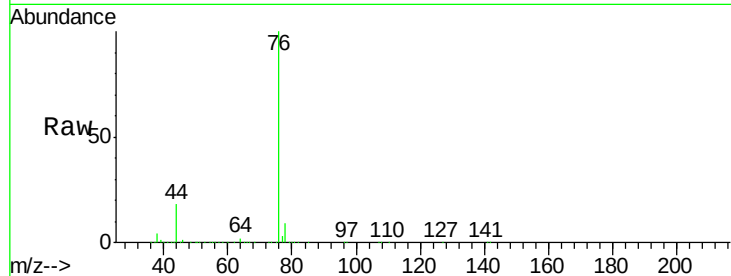
#17
Carbon Disulfide
Concen: 42.977 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	246534		
78	9.0	6.9	6.9	10.3

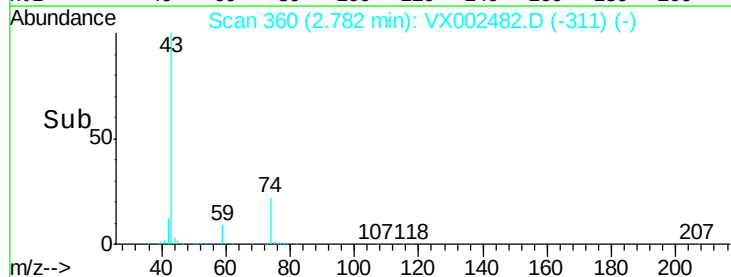
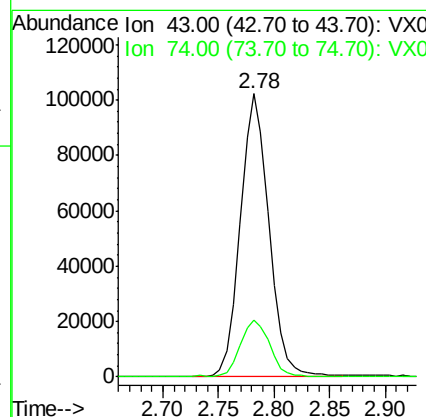
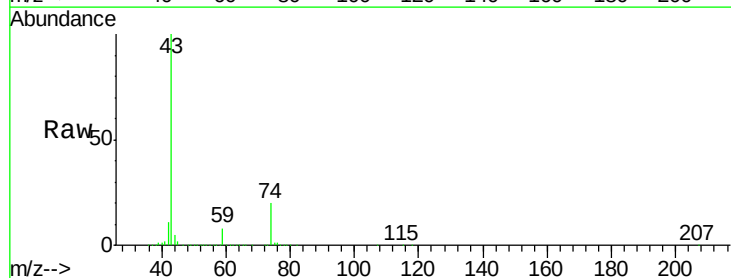
Manual Integrations
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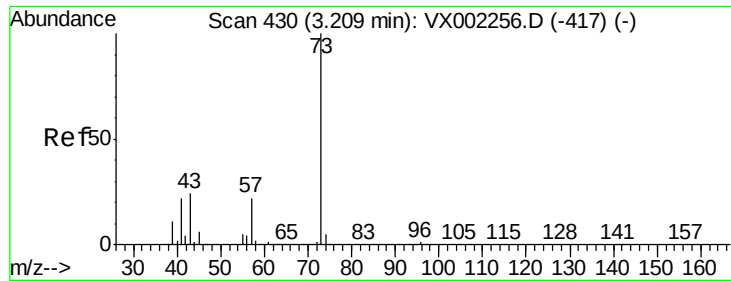
MMDadoda
6/13/2018 1:59:38 PM



#18
Methyl Acetate
Concen: 62.114 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	180011		
74	20.6	16.7	16.7	25.1





#19

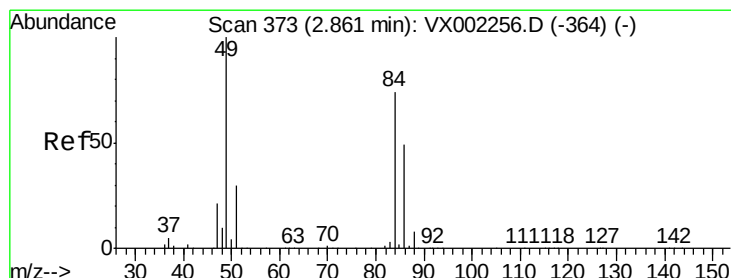
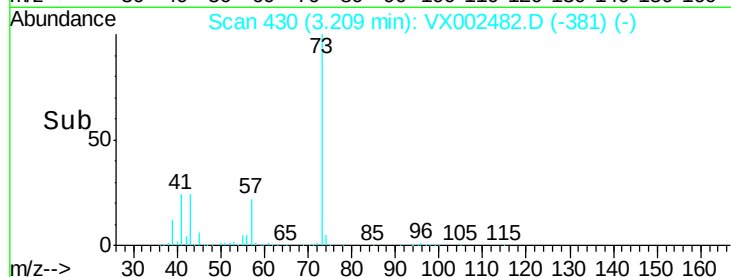
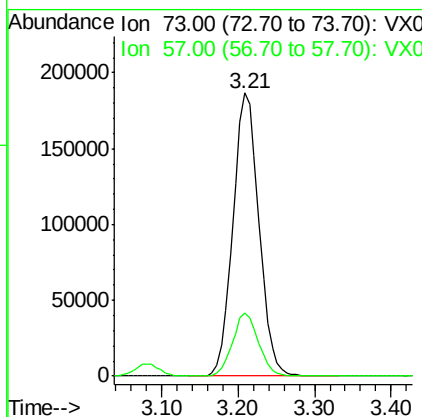
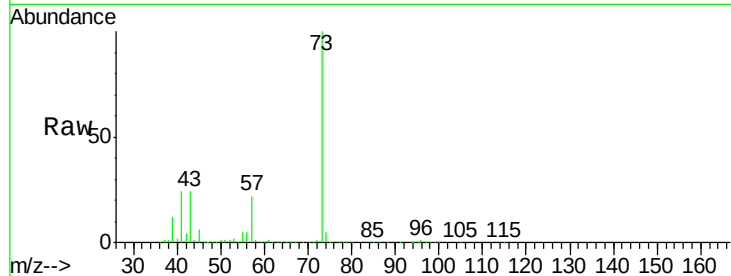
Methyl tert-butyl Ether
 Concen: 58.353 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.7	26.5

Manual Integrations
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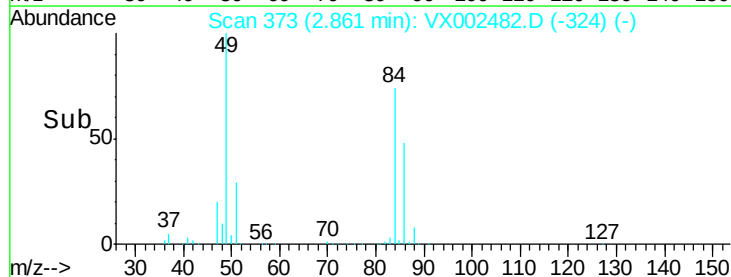
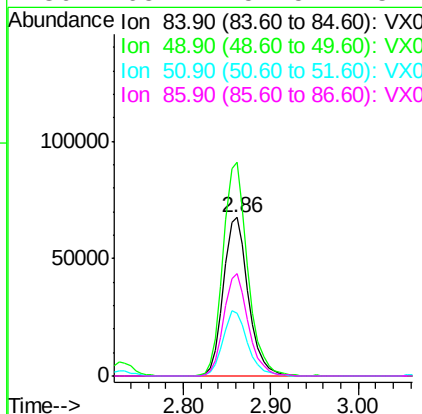
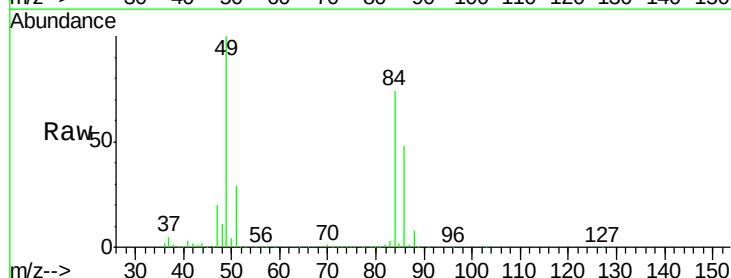
MMDadoda
 6/13/2018 1:59:38 PM

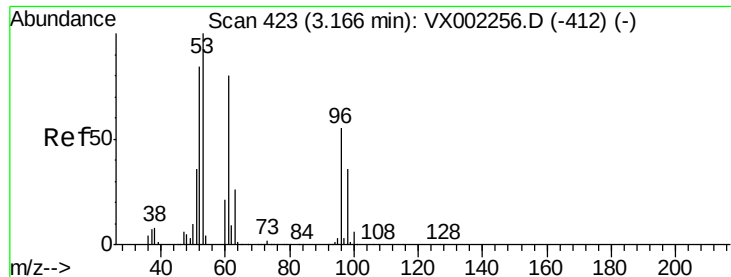


#20

Methylene Chloride
 Concen: 58.093 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.9	107.8	161.6
51	39.6	32.8	49.2
86	65.1	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 51.226 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

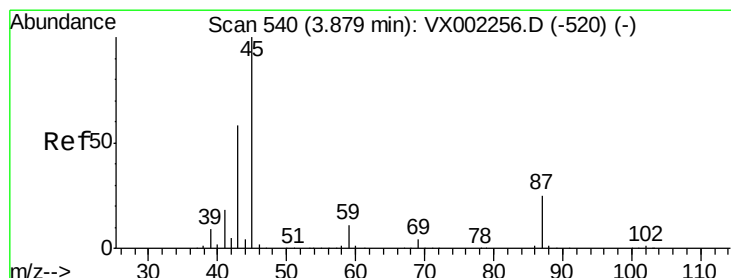
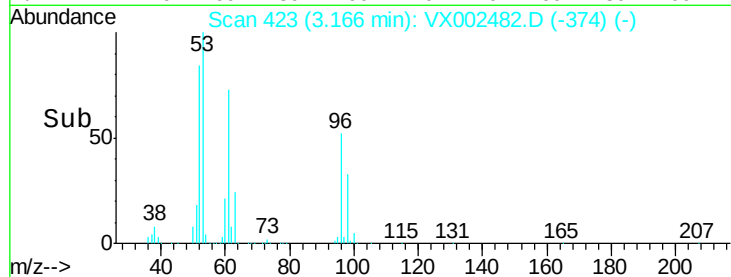
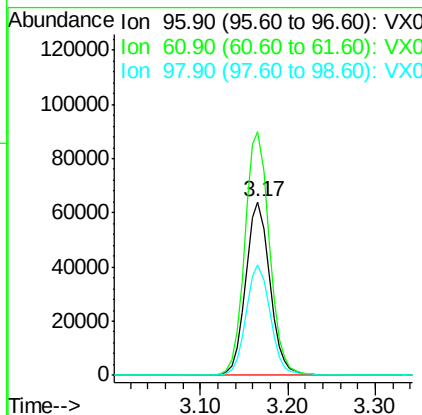
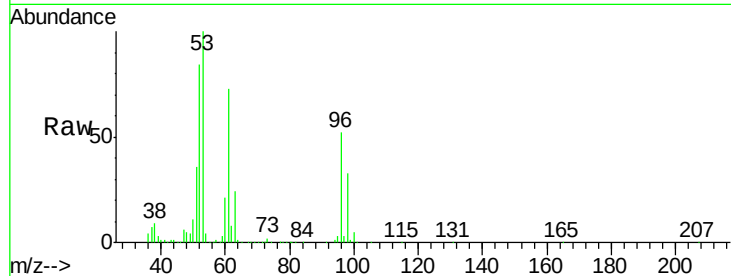
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	122948
Ion	Ratio	Lower	Upper
96	100		
61	140.0	117.0	175.4
98	63.7	52.4	78.6

Manual Integrations
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6/13/2018 1:59:38 PM



#22

Diisopropyl ether

Concen: 51.619 ug/l

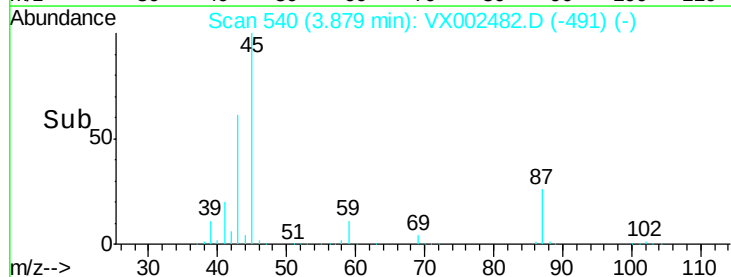
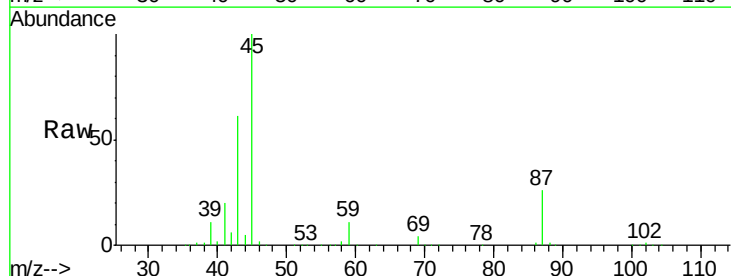
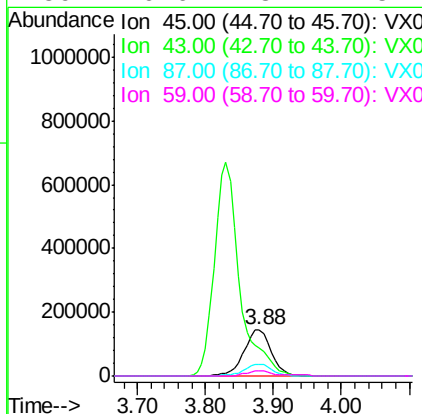
RT: 3.88 min Scan# 540

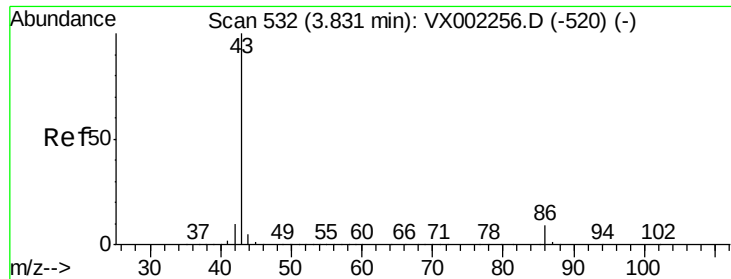
Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	45	Resp:	406938
Ion	Ratio	Lower	Upper
45	100		
43	61.1	46.8	70.2
87	25.7	20.2	30.4
59	10.6	8.7	13.1





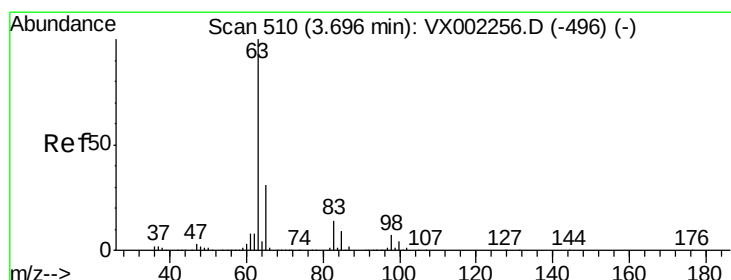
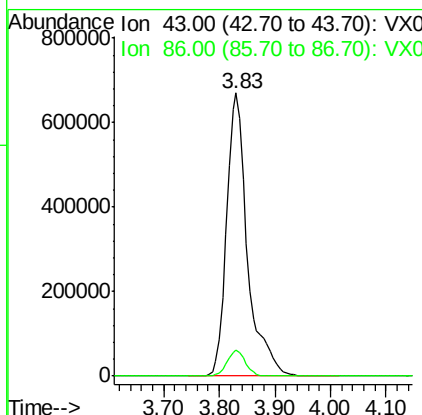
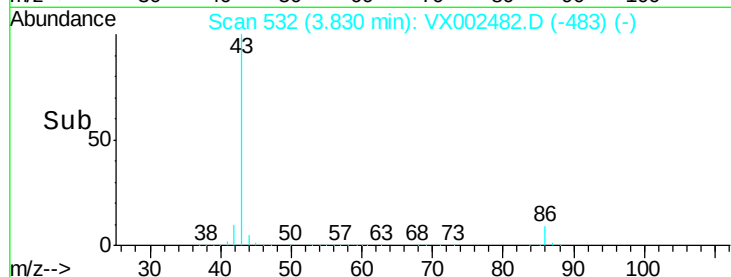
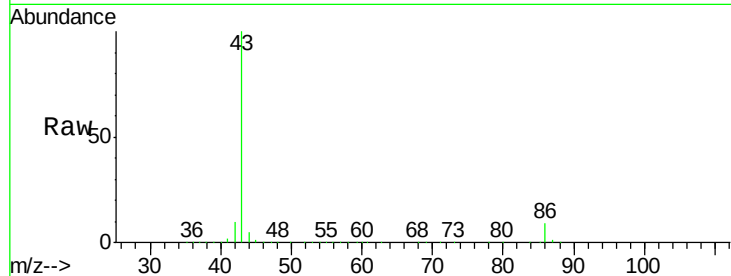
#23
 Vinyl Acetate
 Concen: 226.560 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1734754
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0

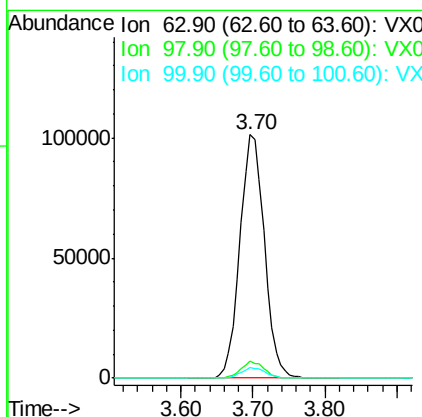
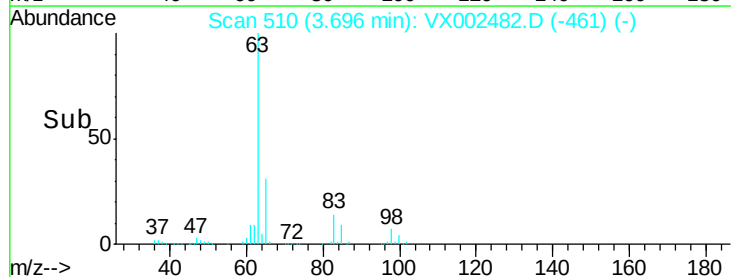
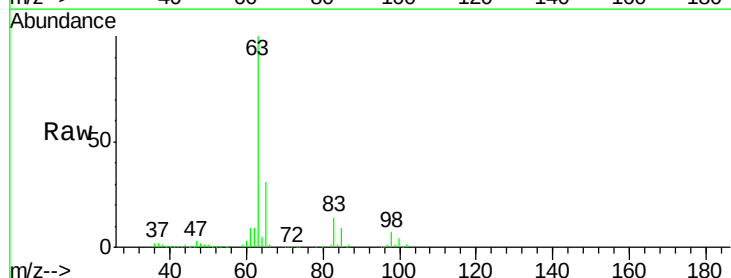
Manual Integrations
 APPROVED

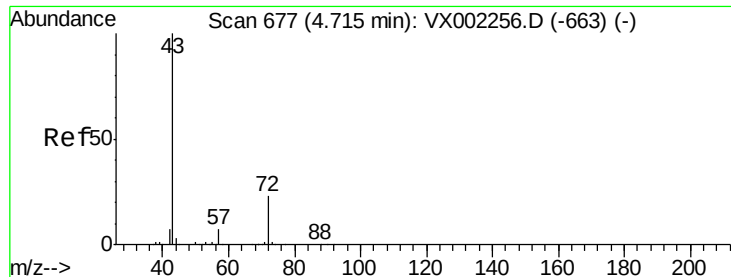
MMDadoda
 6/13/2018 1:59:38 PM



#24
 1,1-Dichloroethane
 Concen: 51.477 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion: 63 Resp: 240309
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 231.209 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 463478

Ion Ratio Lower Upper

43 100

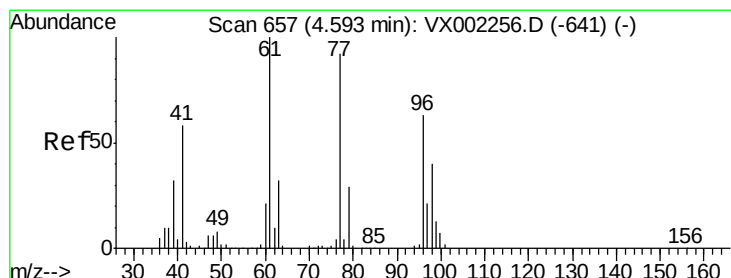
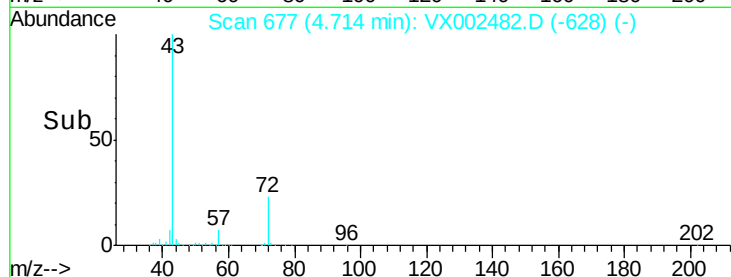
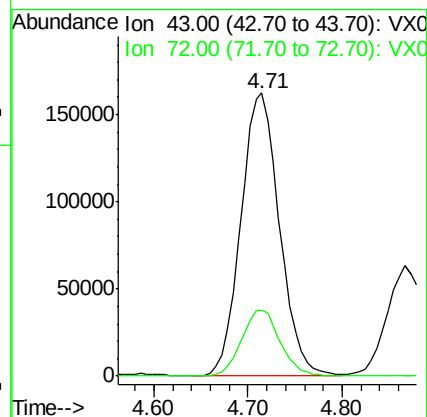
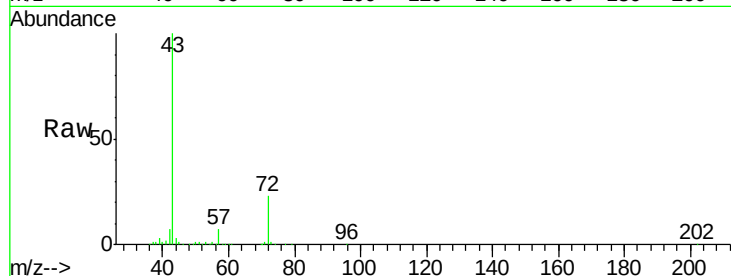
72 23.2 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.754 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002482.D

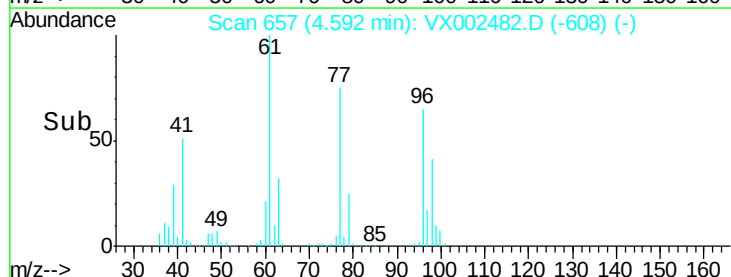
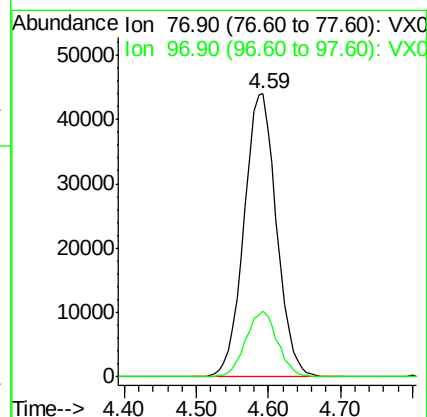
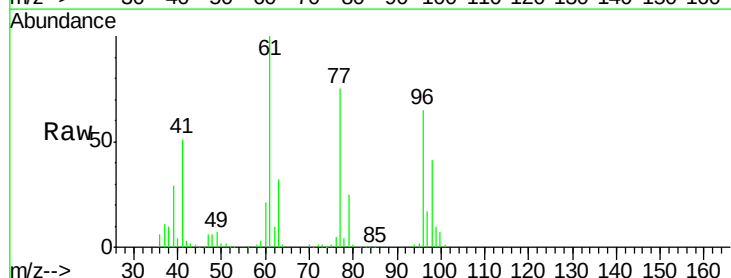
Acq: 12 Jun 2018 22:38

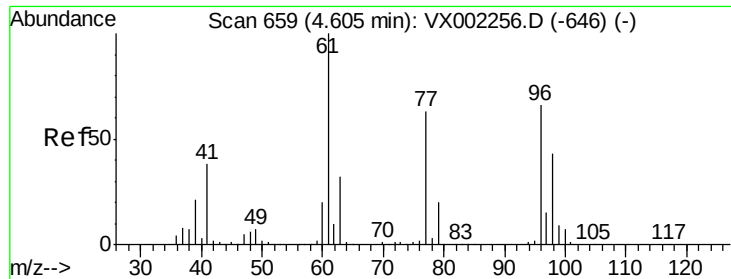
Tgt Ion: 77 Resp: 137768

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 46.668 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

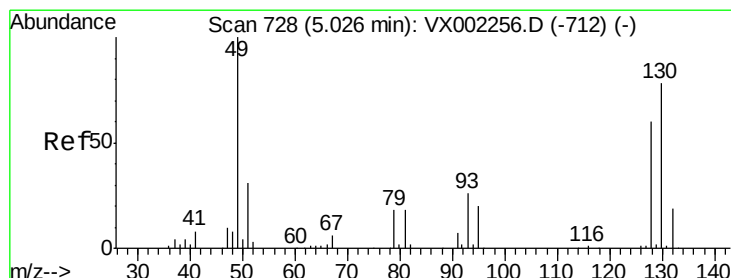
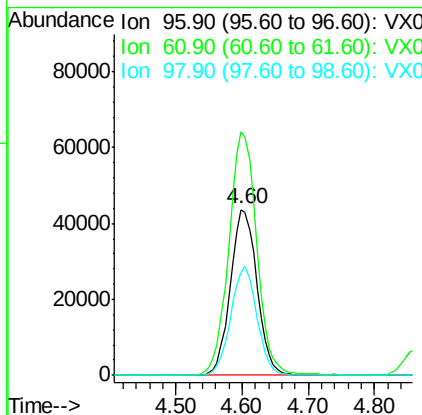
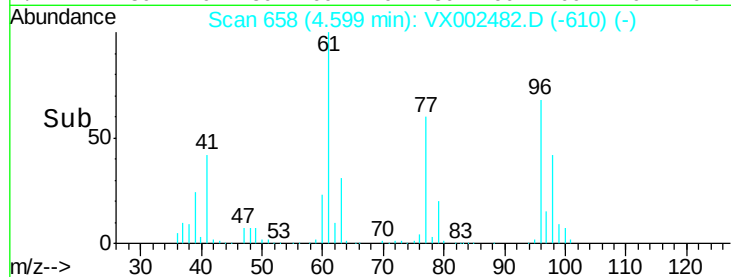
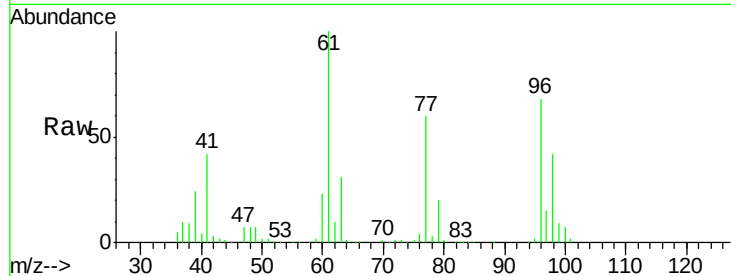
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	121812
Ion Ratio	Lower	Upper	
96	100		
61	154.3	0.0	330.2
98	64.4	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 56.028 ug/l

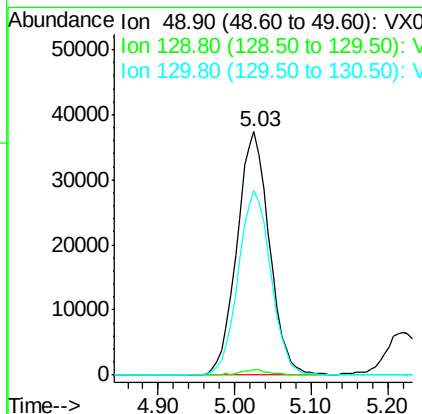
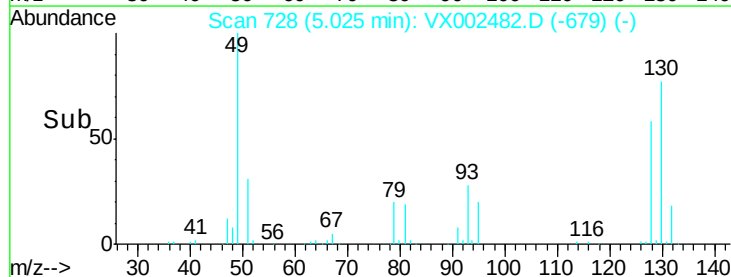
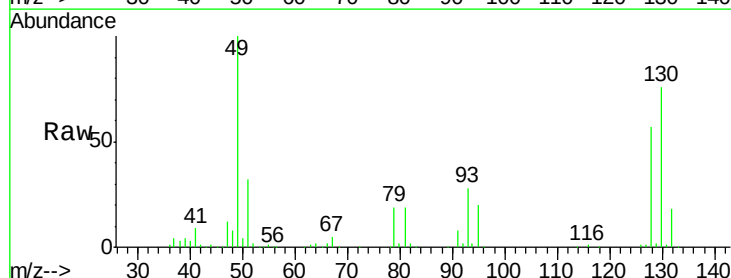
RT: 5.03 min Scan# 728

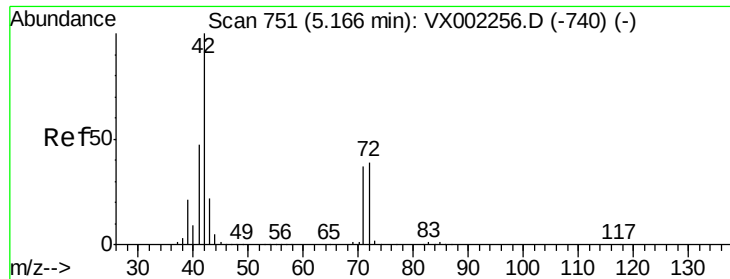
Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	49	Resp:	110388
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.2
130	76.0	61.2	91.8





#29

Tetrahydrofuran

Concen: 234.784 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

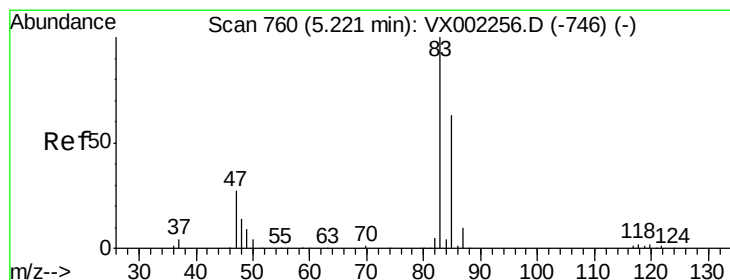
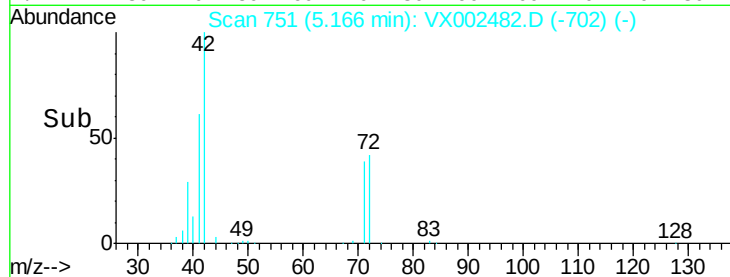
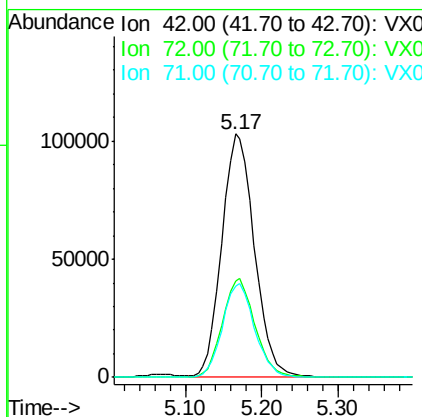
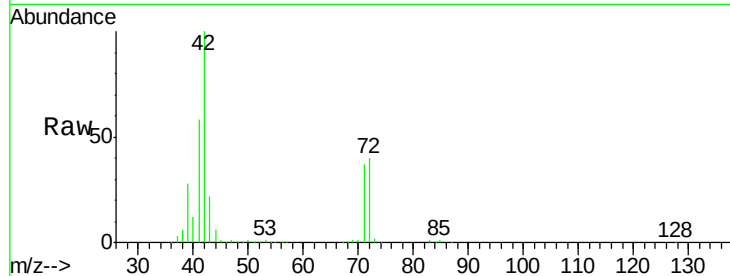
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	303443
Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.0	48.0
71	38.0	30.1	45.1

Manual Integrations
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MMDadoda
6/13/2018 1:59:38 PM



#30

Chloroform

Concen: 49.198 ug/l

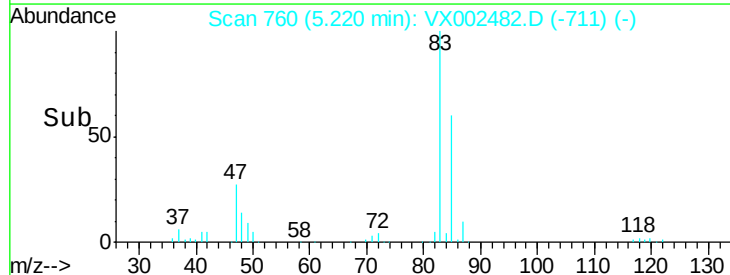
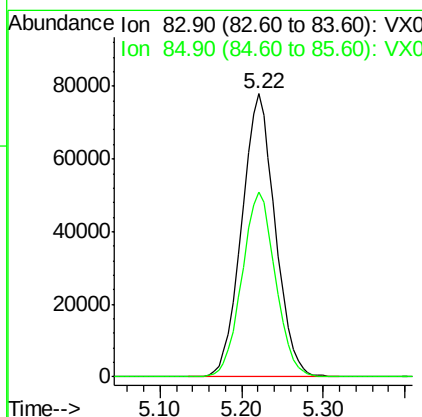
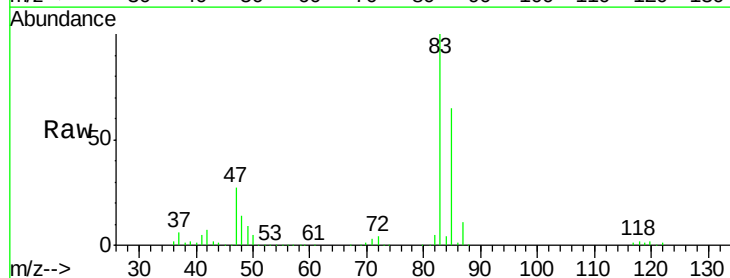
RT: 5.22 min Scan# 760

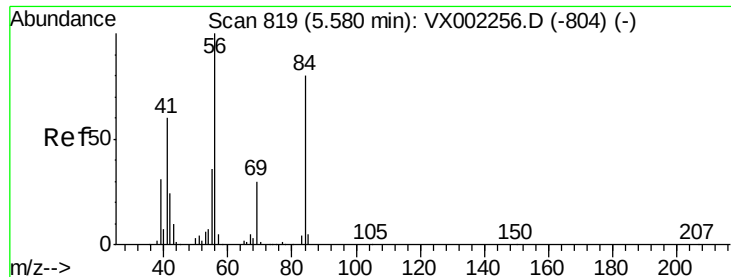
Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	83	Resp:	221621
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.4	75.6





#31

Cyclohexane

Concen: 48.580 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

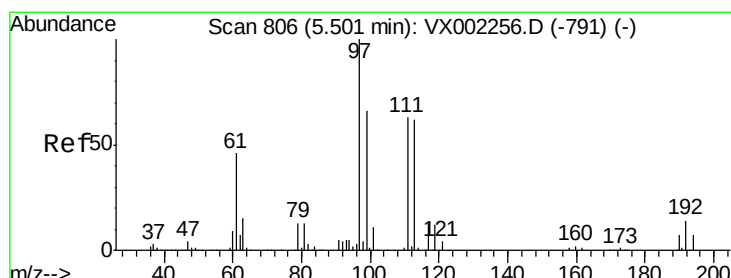
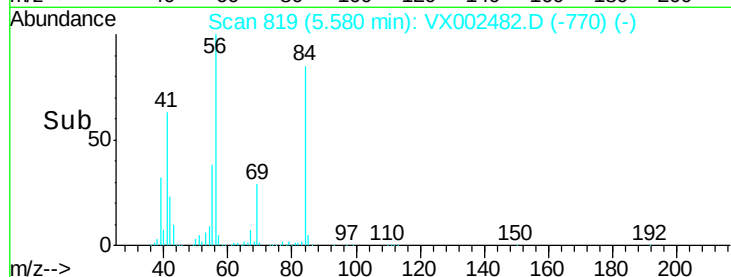
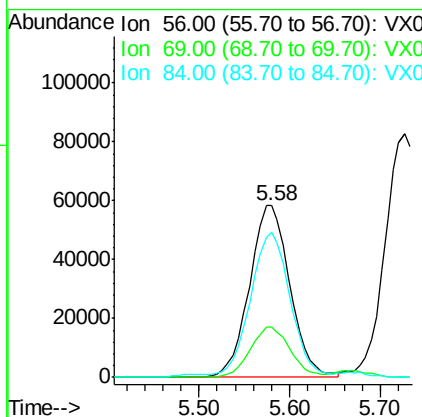
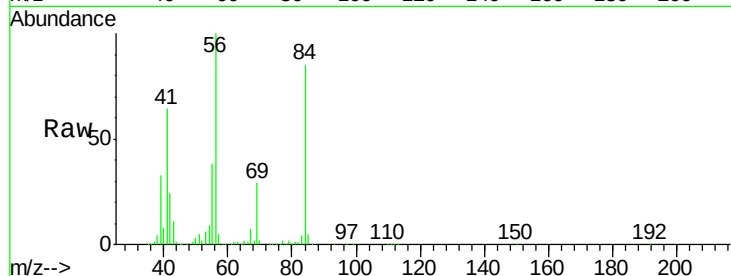
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	179330
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.7	35.5
84	82.9	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.021 ug/l

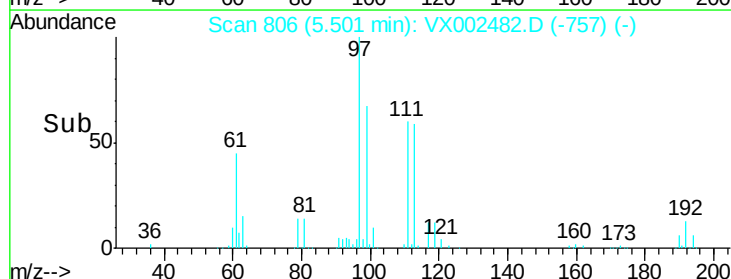
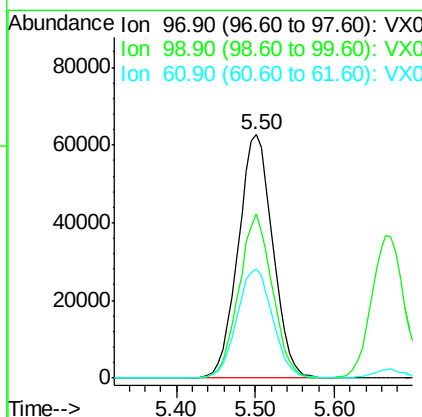
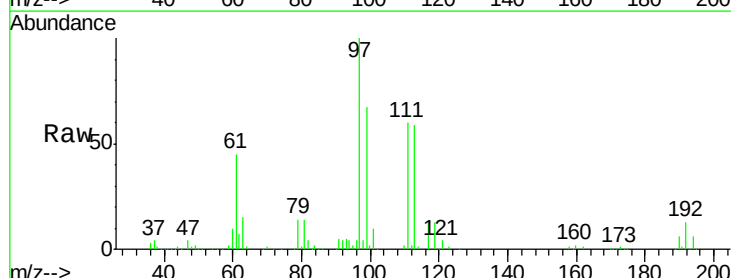
RT: 5.50 min Scan# 806

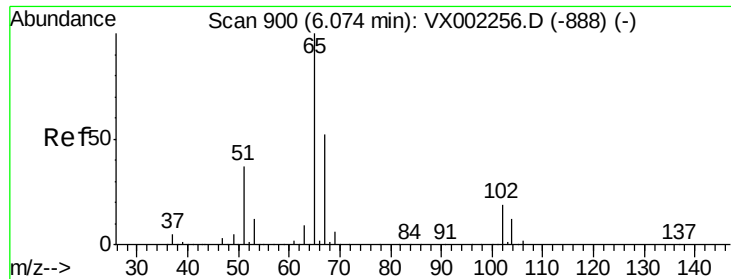
Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	97	Resp:	191096
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	46.3	36.4	54.6





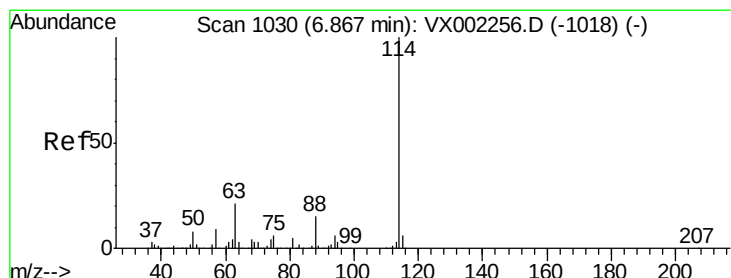
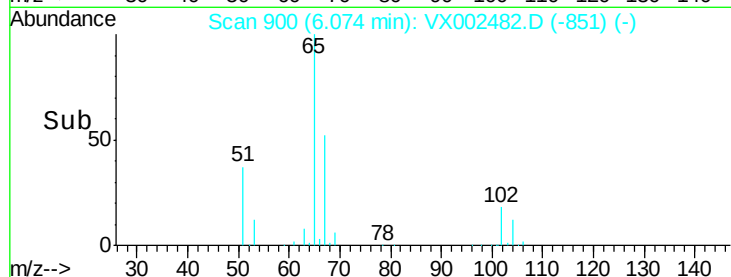
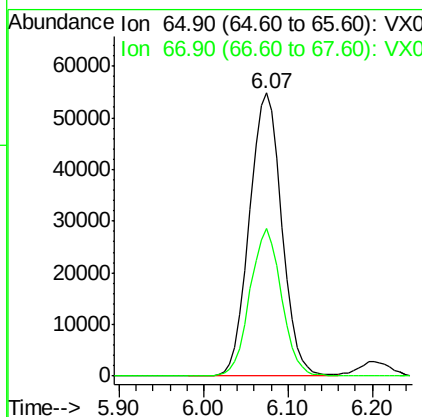
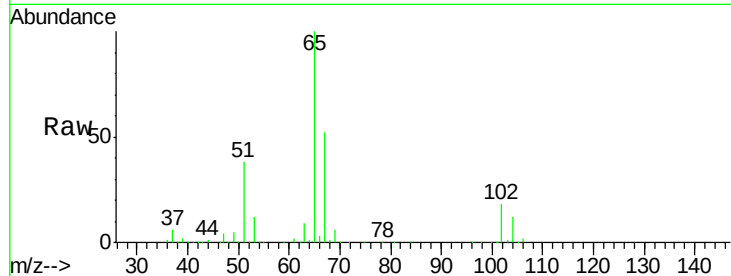
#33
 1,2-Dichloroethane-d4
 Concen: 48.891 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	143162		
67	50.9	0.0	102.6	

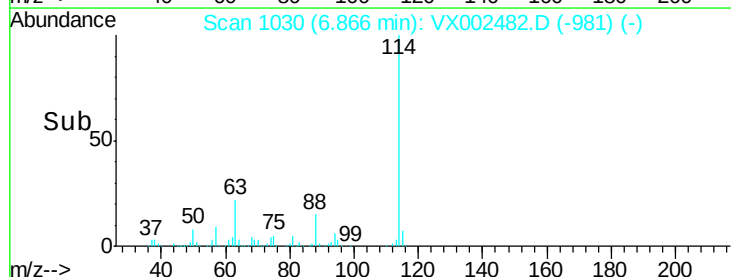
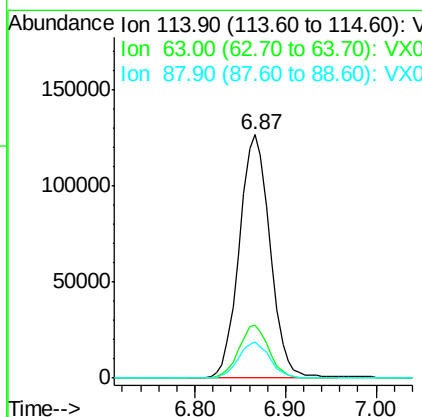
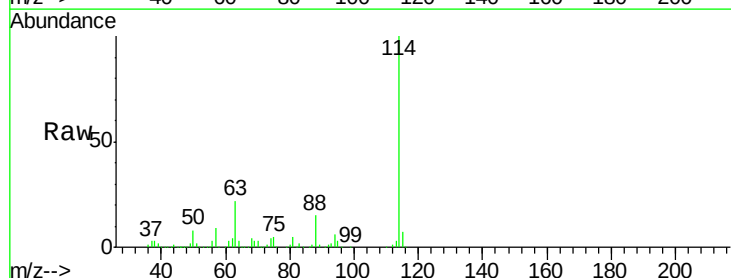
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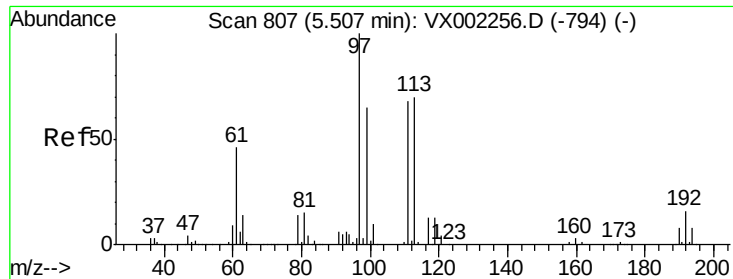
MMDadoda
 6/13/2018 1:59:38 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	298126		
63	22.0	0.0	41.4	
88	14.6	0.0	30.0	





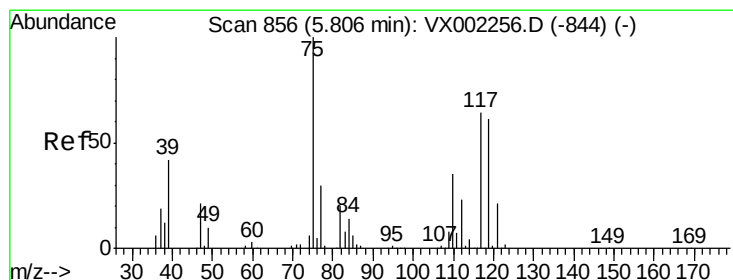
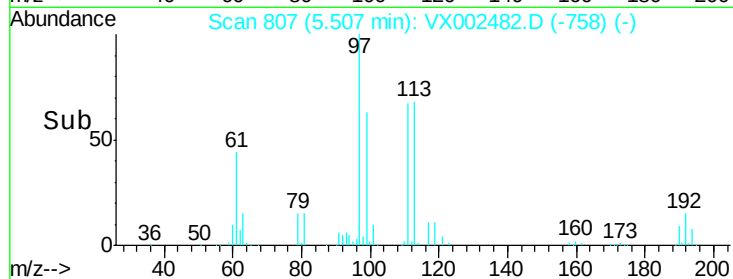
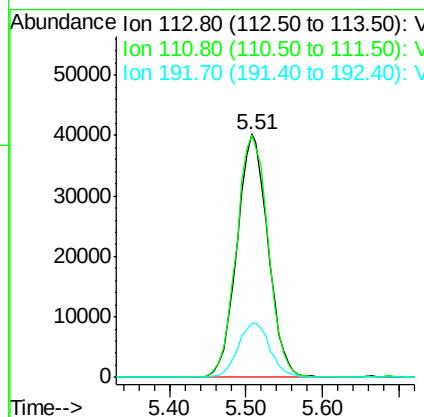
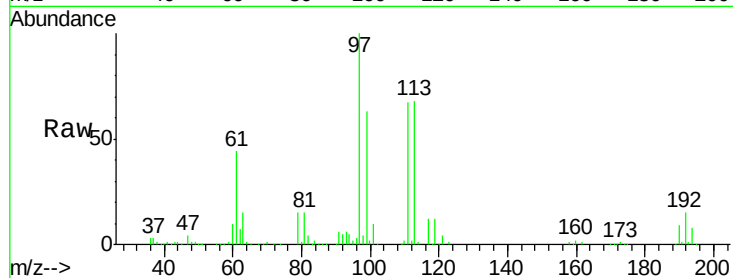
#35
Dibromofluoromethane
Concen: 48.119 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112814		
111	102.0	81.4	122.0	
192	23.0	19.1	28.7	

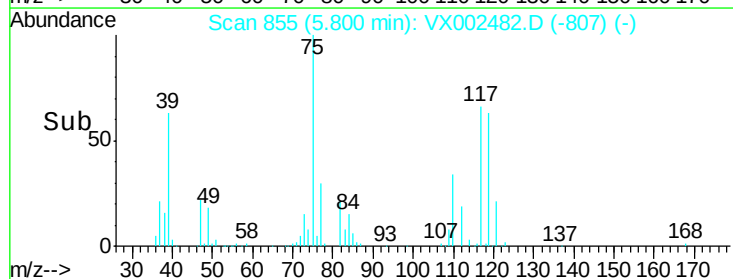
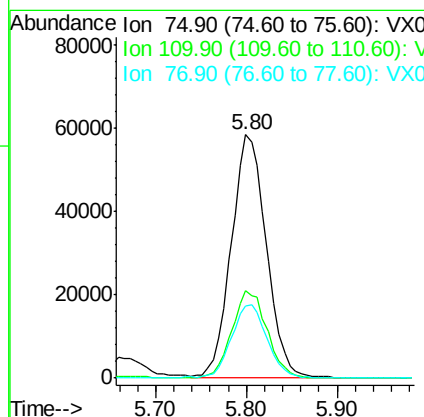
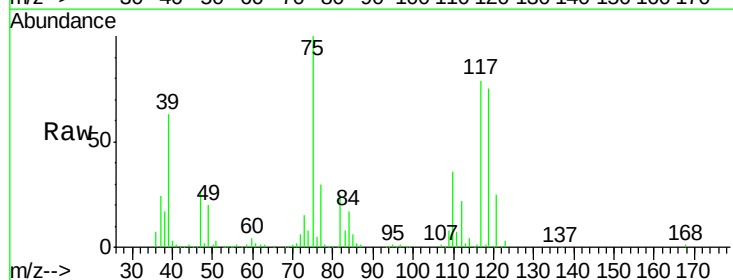
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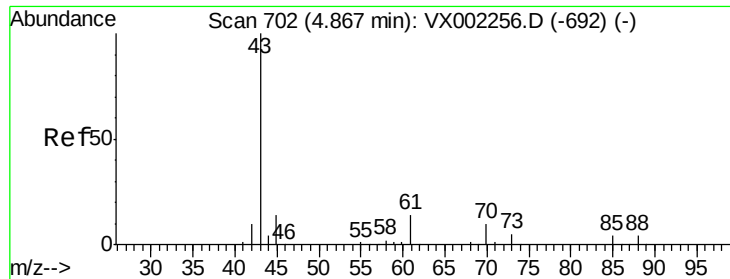
MMDadoda
6/13/2018 1:59:38 PM



#36
1,1-Dichloropropene
Concen: 49.652 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	155617		
110	36.2	18.1	54.4	
77	31.4	24.3	36.5	





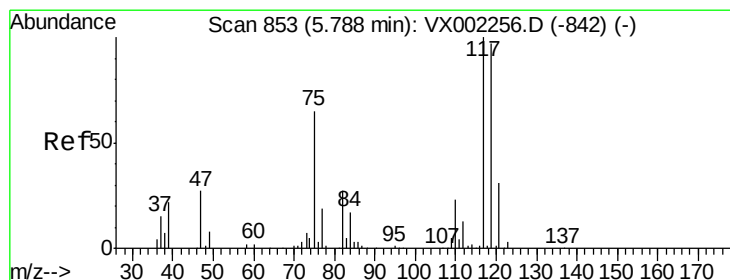
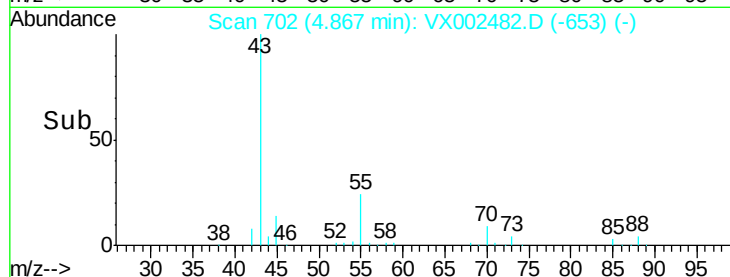
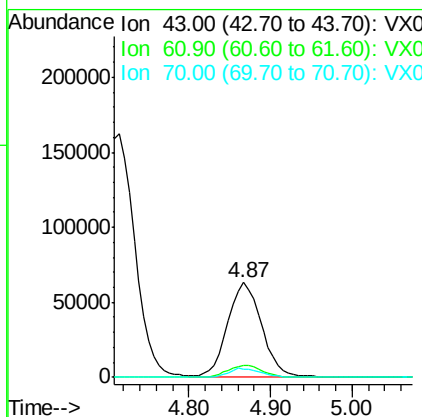
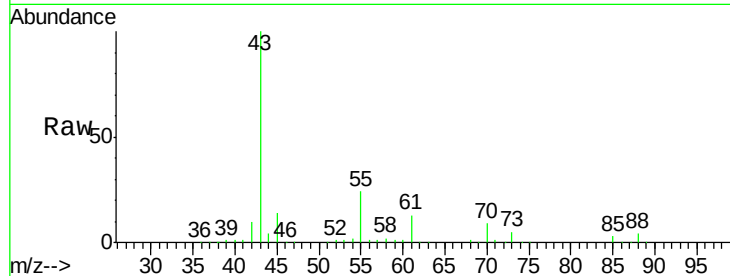
#37
Ethyl Acetate
Concen: 48.219 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.3	7.6	11.4

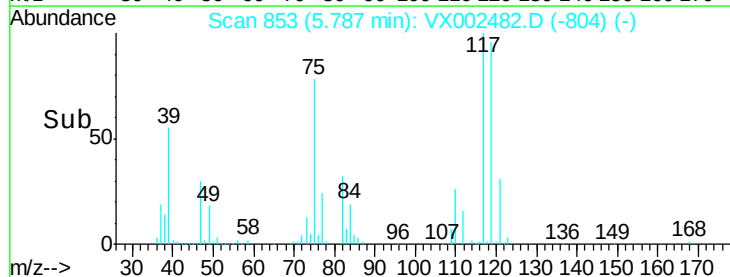
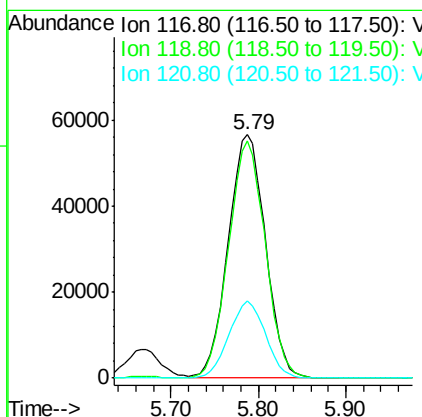
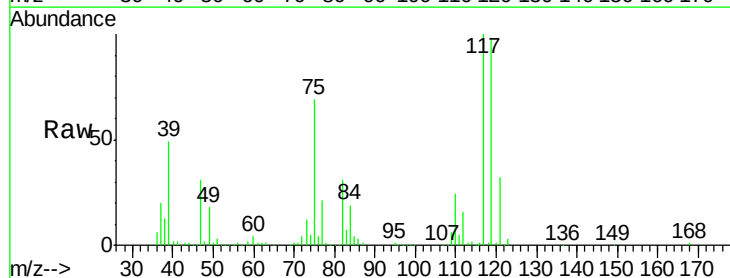
Manual Integrations
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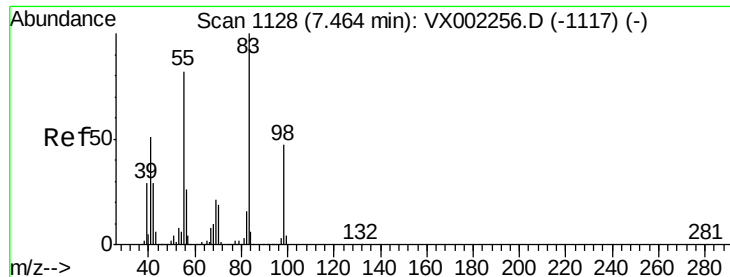
MMDadoda
6/13/2018 1:59:38 PM



#38
Carbon Tetrachloride
Concen: 51.114 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
121	31.7	24.4	36.6





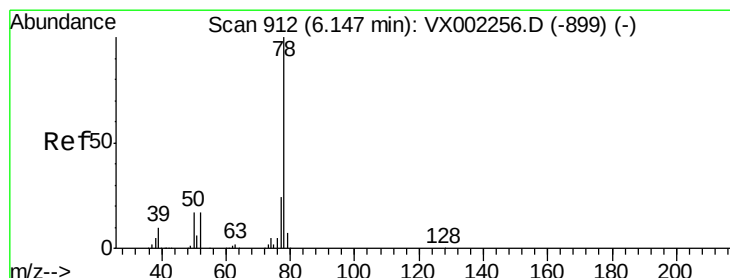
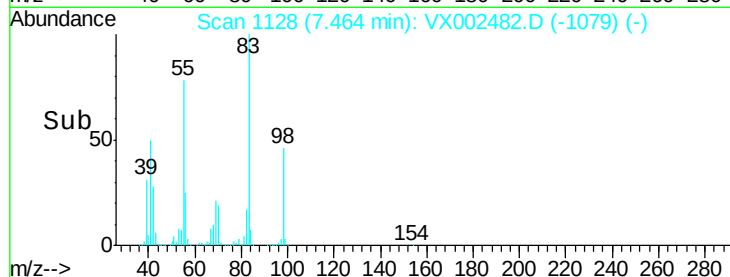
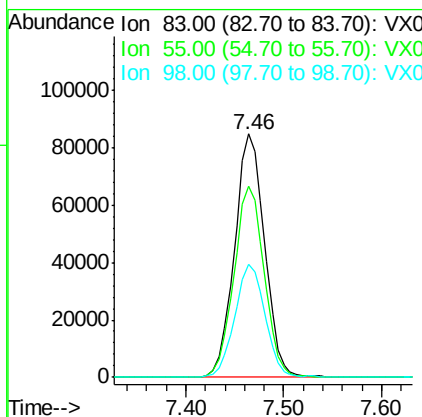
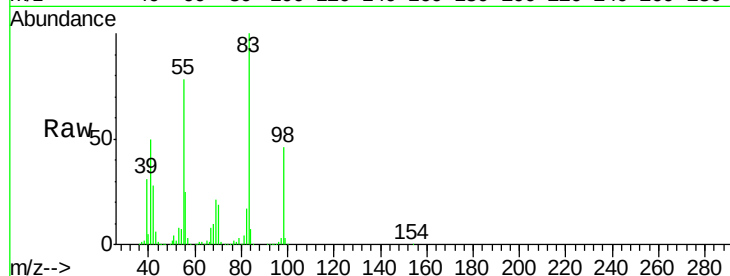
#39
Methylvlcyclohexane
Concen: 46.892 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.4	98.0
98	46.4	37.4	56.0

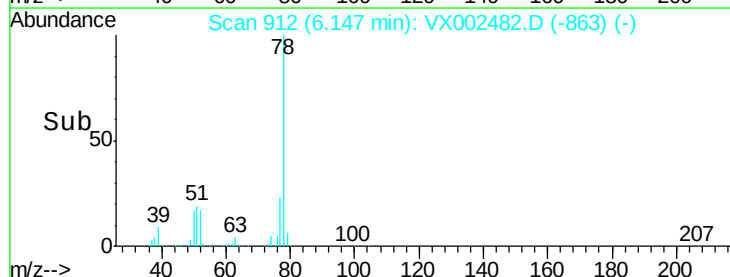
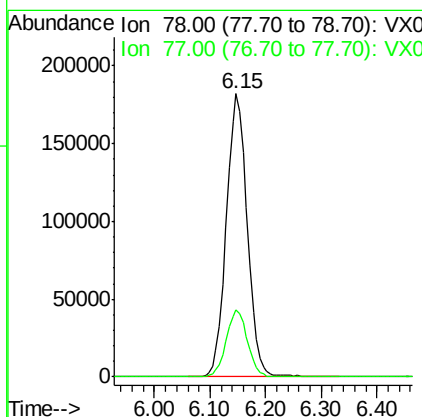
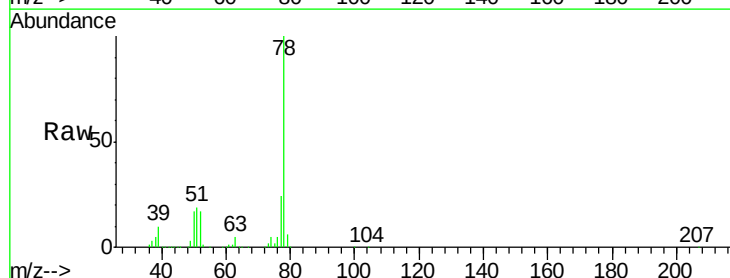
Manual Integrations
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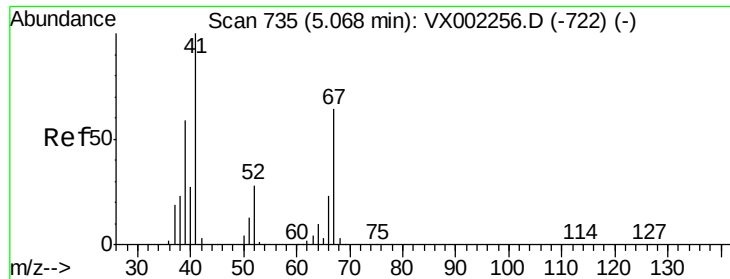
MMDadoda
6/13/2018 1:59:38 PM



#40
Benzene
Concen: 49.312 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





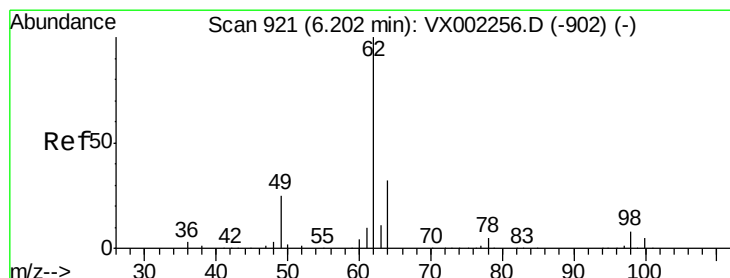
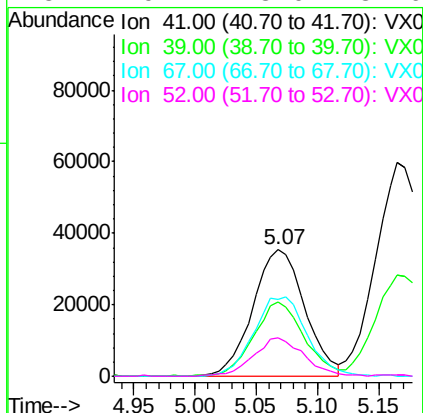
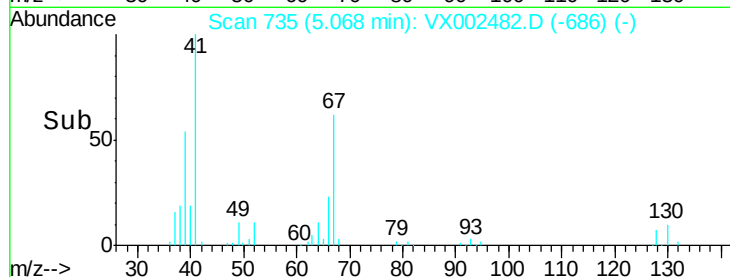
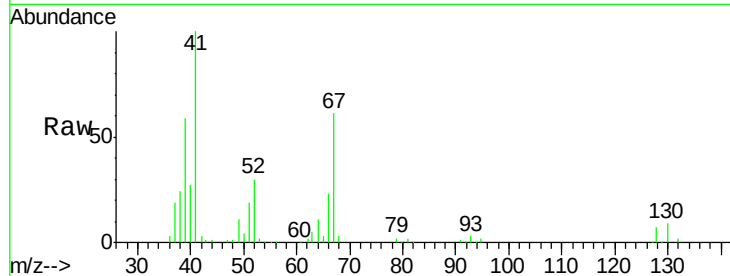
#41
Methacrylonitrile
Concen: 48.442 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	65.1	51.3	76.9
52	29.2	23.0	34.6

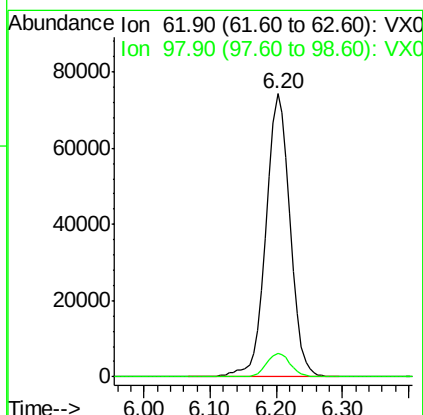
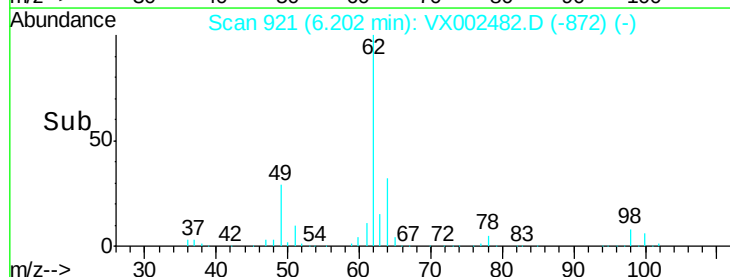
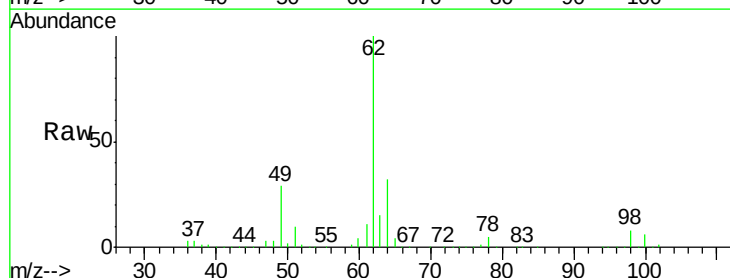
Manual Integrations
APPROVED

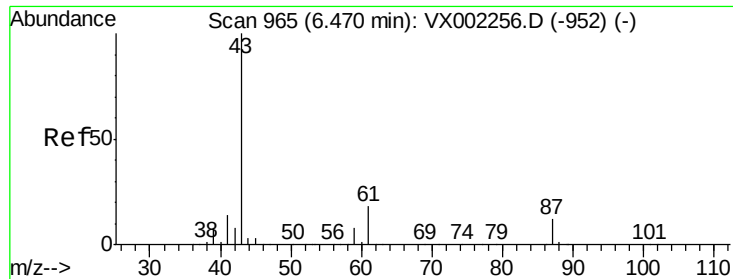
MMDadoda
6/13/2018 1:59:38 PM



#42
1,2-Dichloroethane
Concen: 49.304 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.375 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

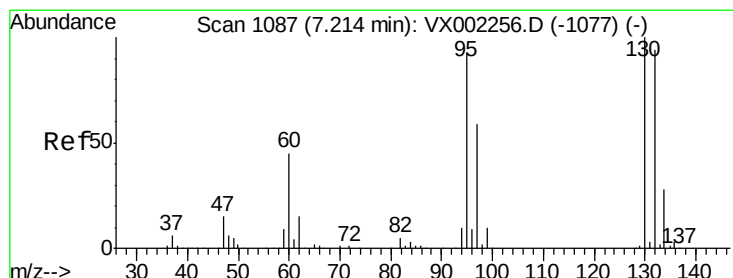
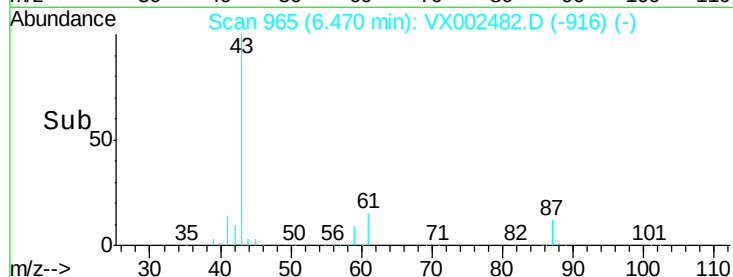
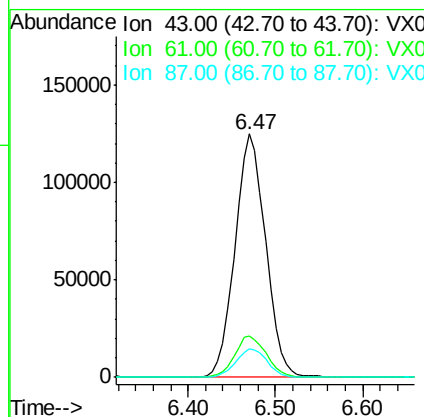
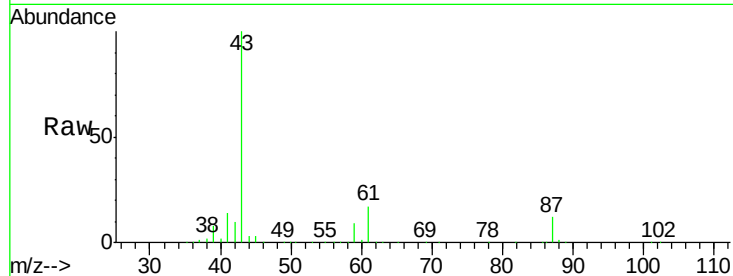
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	303293
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	12.0	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 49.243 ug/l

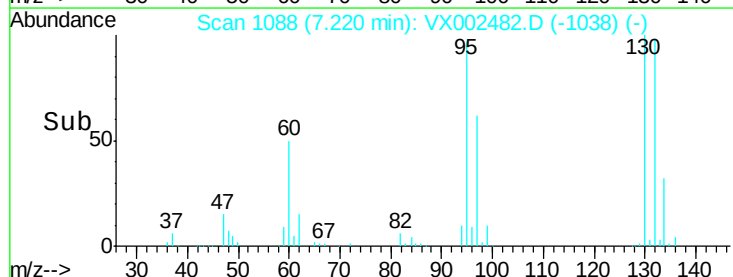
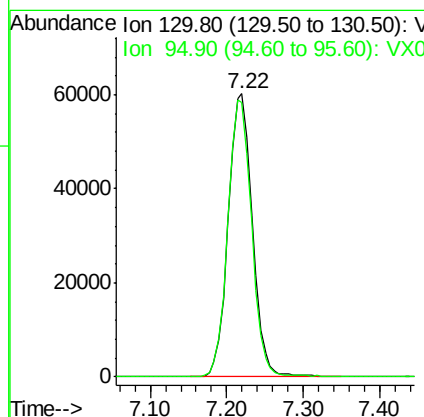
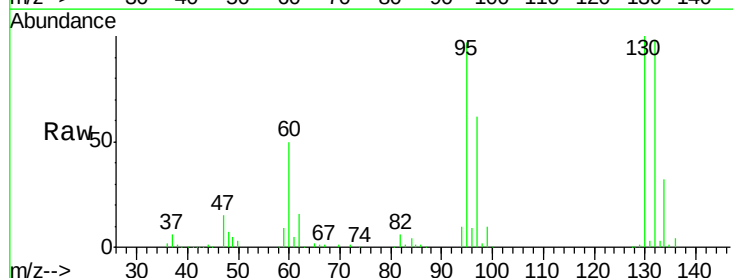
RT: 7.22 min Scan# 1088

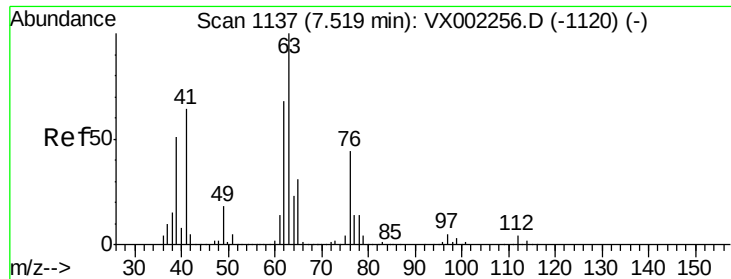
Delta R.T. 0.01 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	130	Resp:	131337
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	185.4





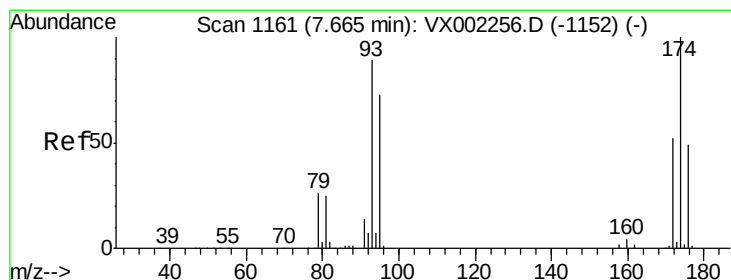
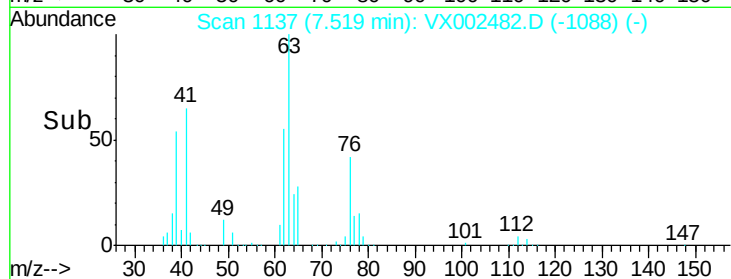
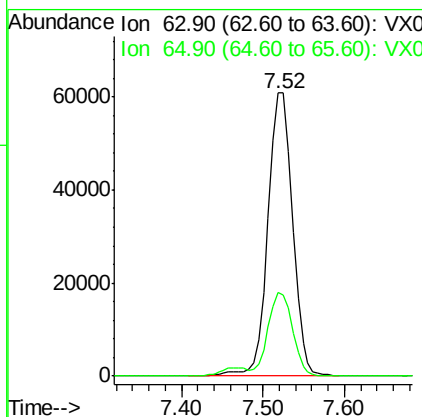
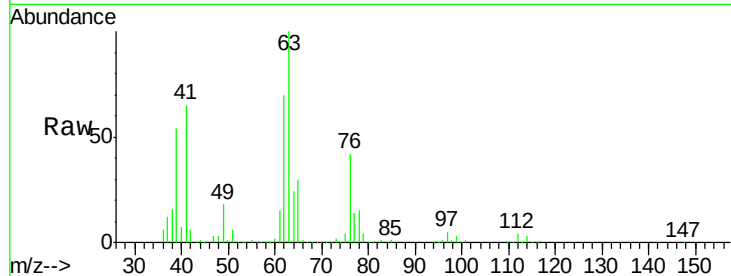
#45
 1,2-Dichloropropane
 Concen: 49.303 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 127907
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1

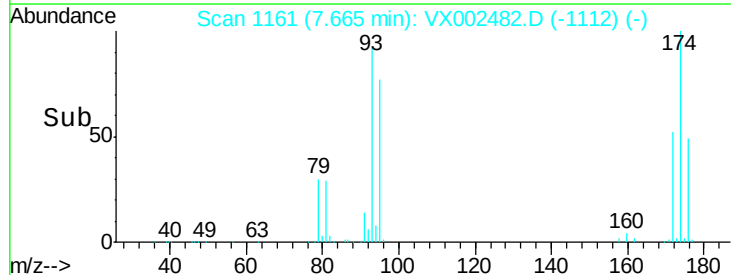
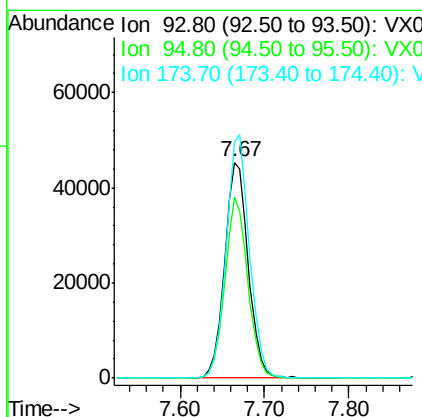
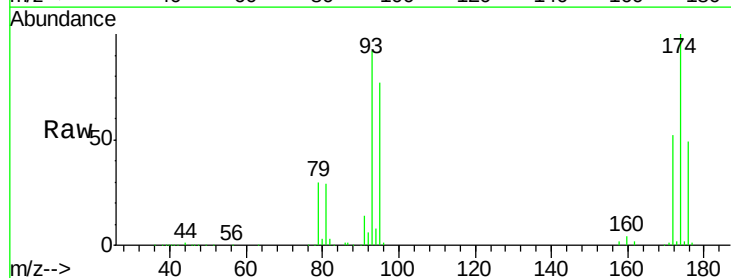
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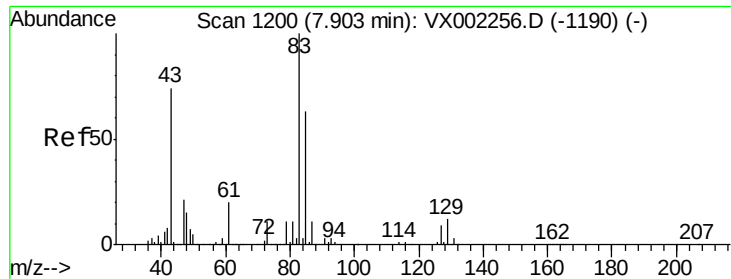
MMDadoda
 6/13/2018 1:59:38 PM



#46
 Dibromomethane
 Concen: 49.372 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion: 93 Resp: 86831
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.9 98.9
 174 110.8 92.4 138.6





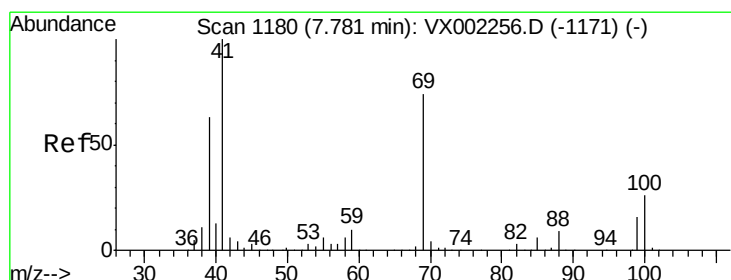
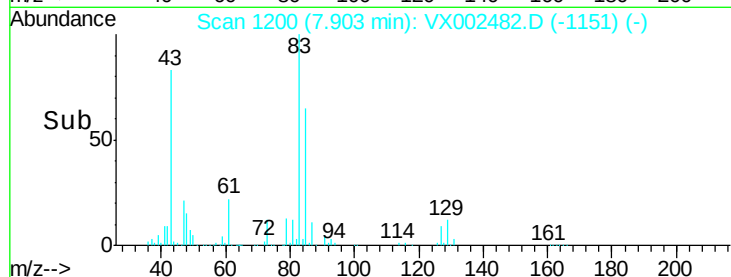
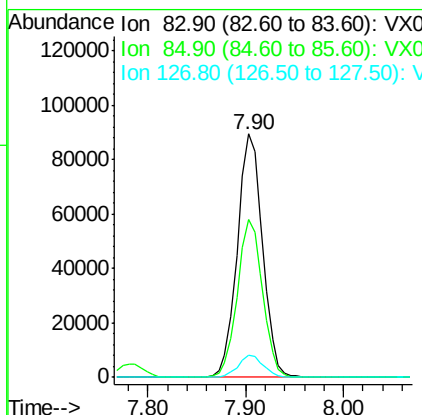
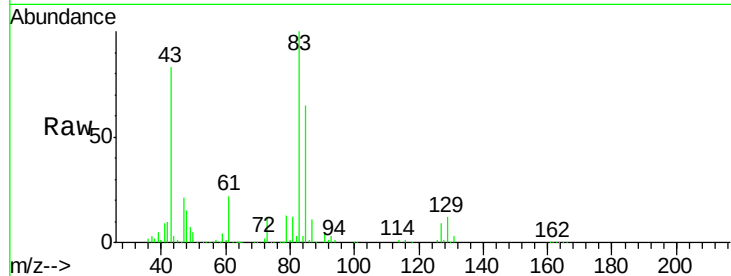
#47
Bromodichloromethane
Concen: 50.382 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5
127	8.9	7.0	10.4

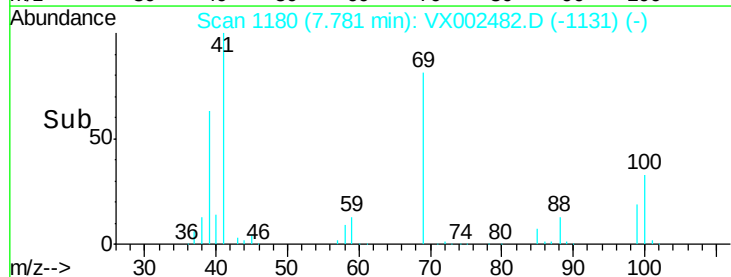
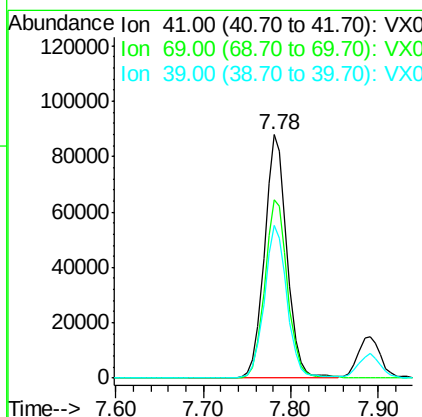
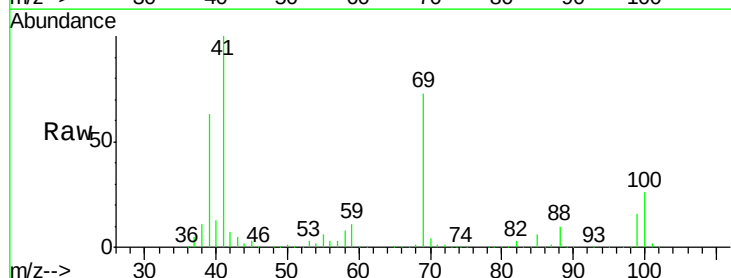
Manual Integrations
APPROVED

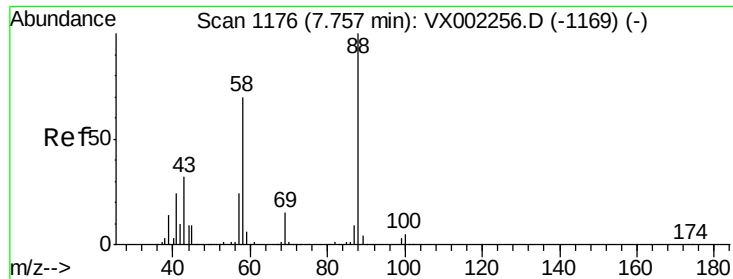
MMDadoda
6/13/2018 1:59:38 PM



#48
Methyl methacrylate
Concen: 48.764 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.8	59.1	88.7
39	62.8	48.9	73.3





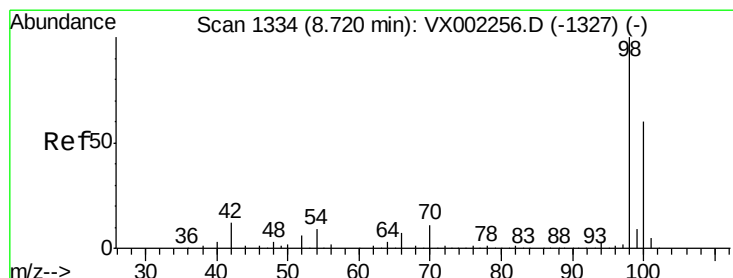
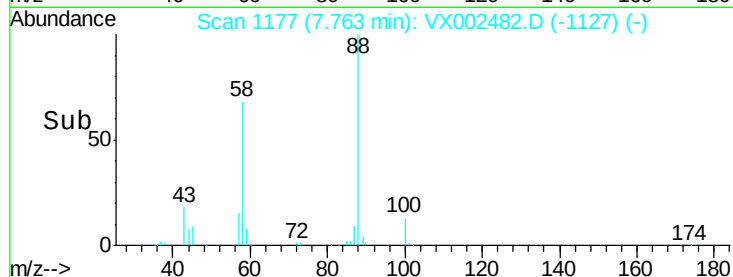
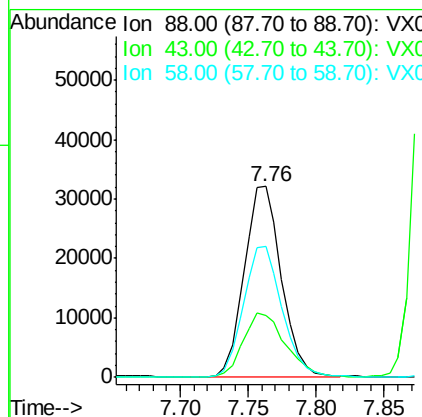
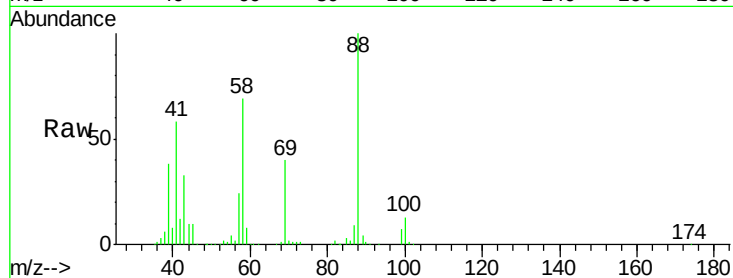
#49
1,4-Dioxane
Concen: 1024.775 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.8	44.6
58	71.7	57.1	85.7

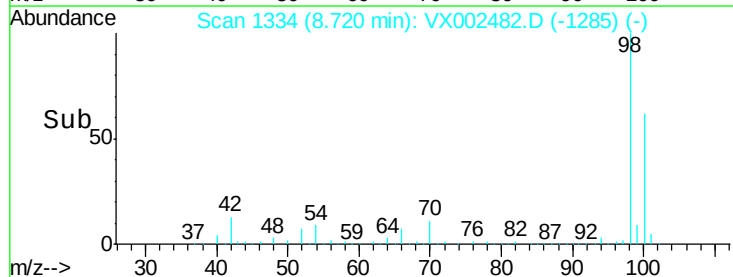
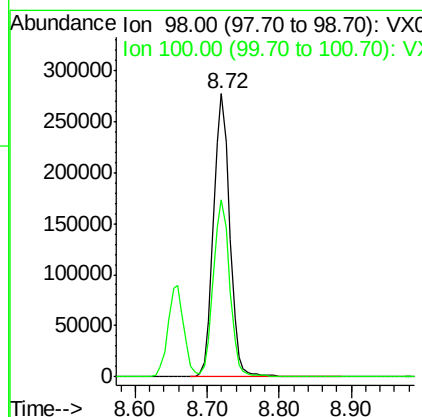
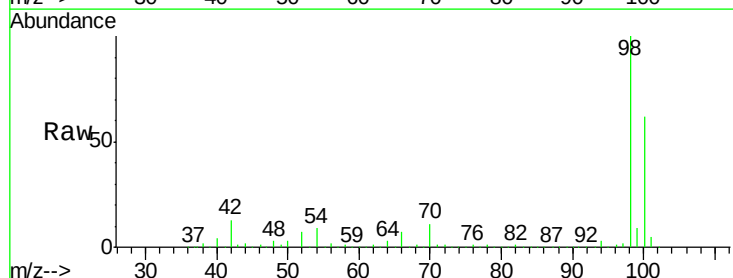
Manual Integrations
APPROVED

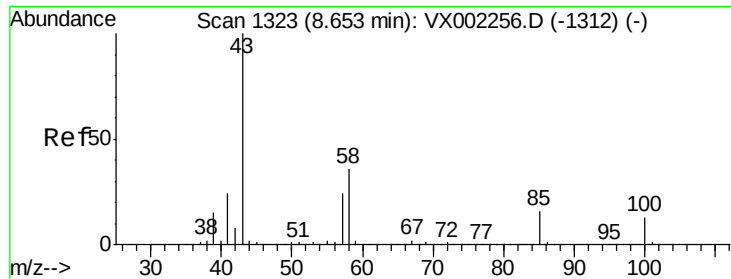
MMDadoda
6/13/2018 1:59:38 PM



#50
Toluene-d8
Concen: 47.929 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 256.466 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1022479

Ion Ratio Lower Upper

43 100

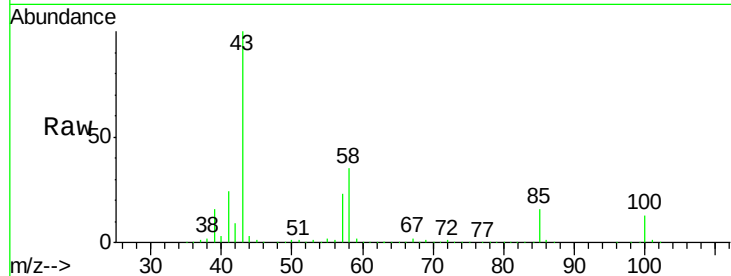
58 35.6 28.6 42.8

Manual Integrations

APPROVED

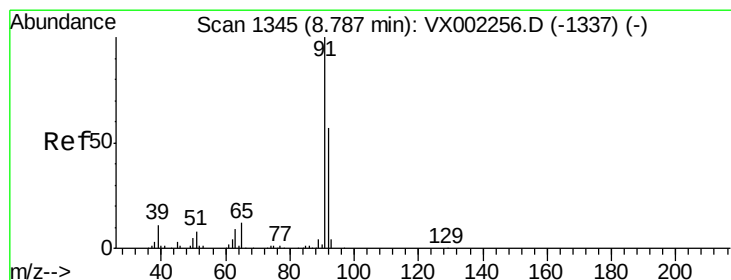
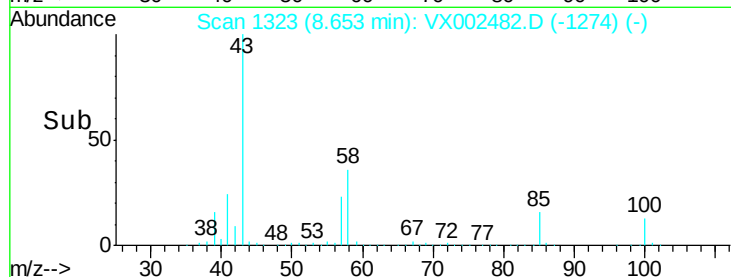
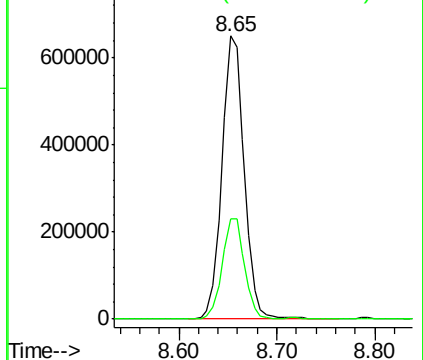
MMDadoda

6/13/2018 1:59:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.698 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002482.D

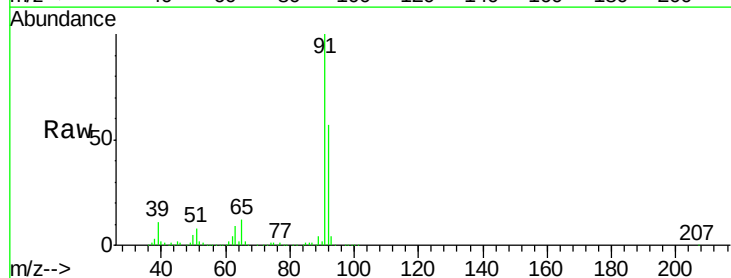
Acq: 12 Jun 2018 22:38

Tgt Ion: 92 Resp: 309866

Ion Ratio Lower Upper

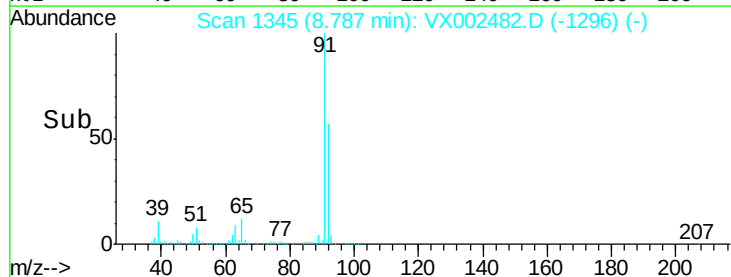
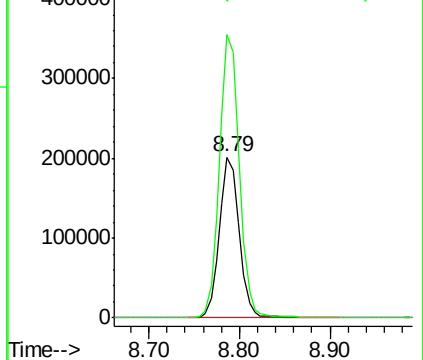
92 100

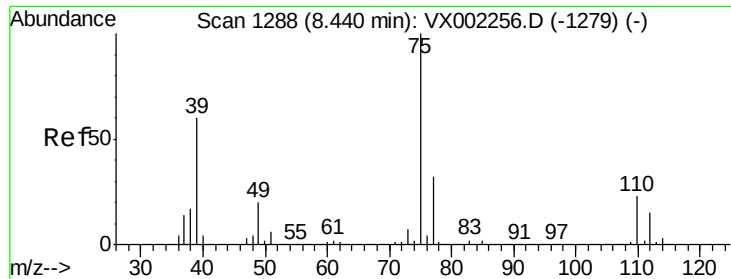
91 176.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





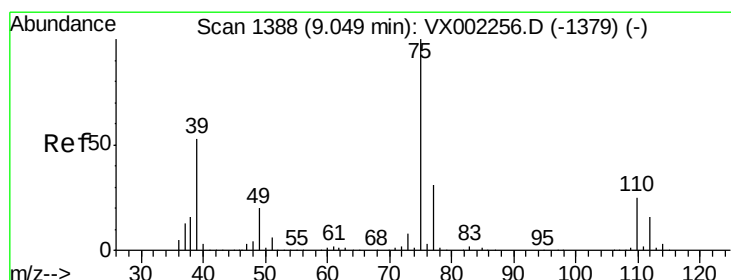
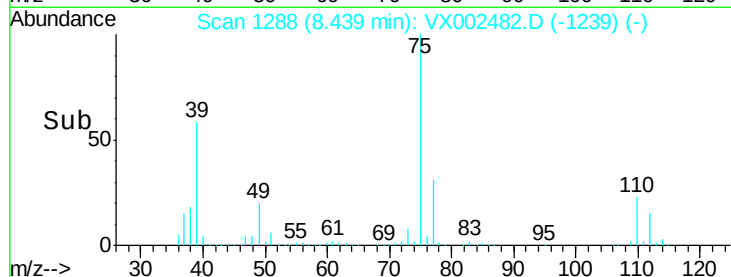
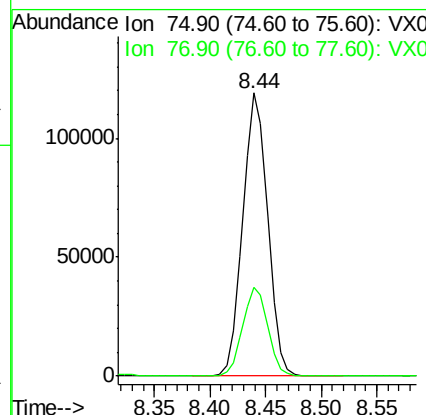
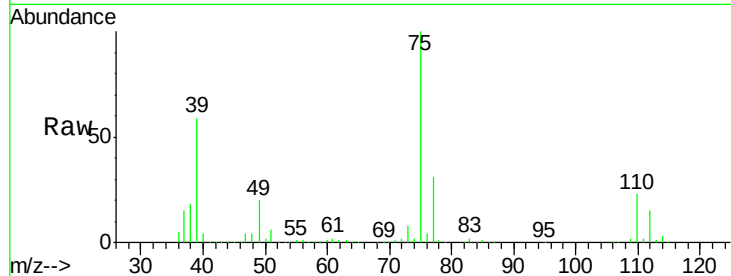
#53
t-1,3-Dichloropropene
Concen: 48.441 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2

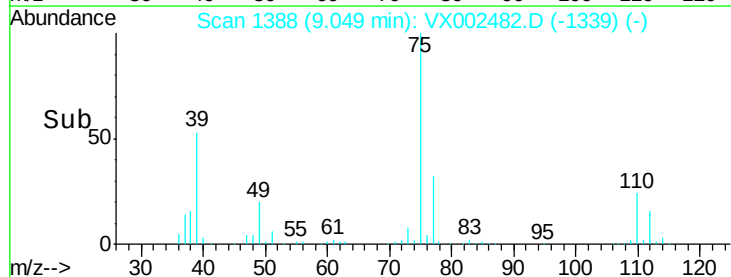
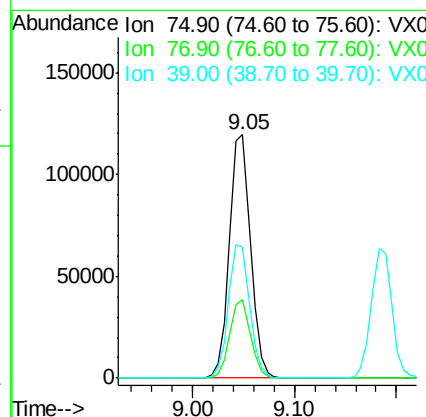
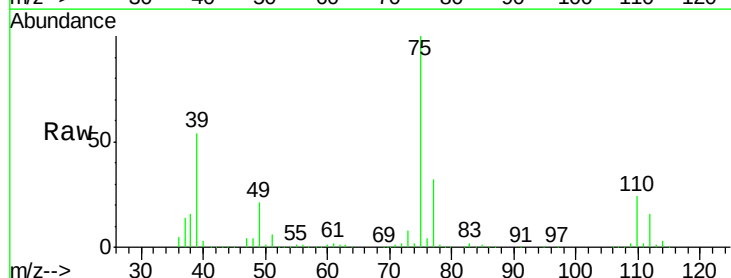
Manual Integrations
APPROVED

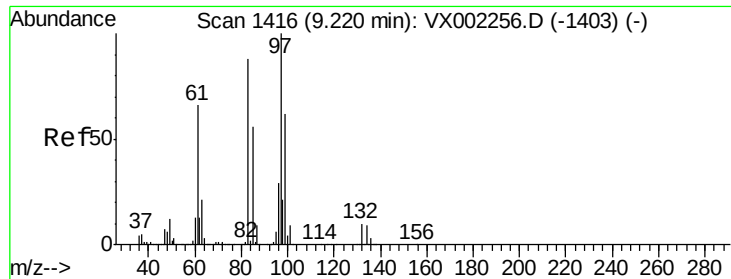
MMDadoda
6/13/2018 1:59:38 PM



#54
cis-1,3-Dichloropropene
Concen: 47.782 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2
39	53.6	42.4	63.6





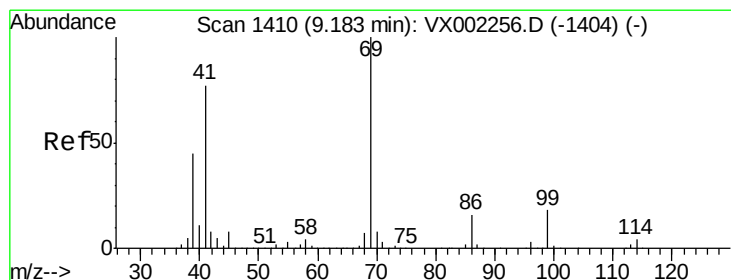
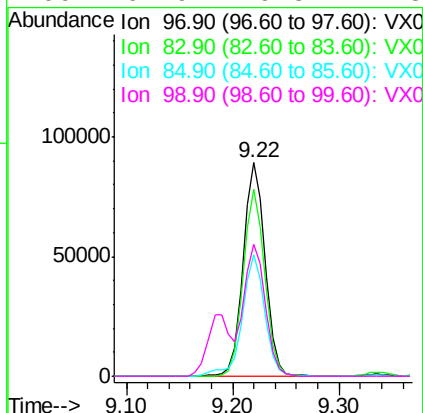
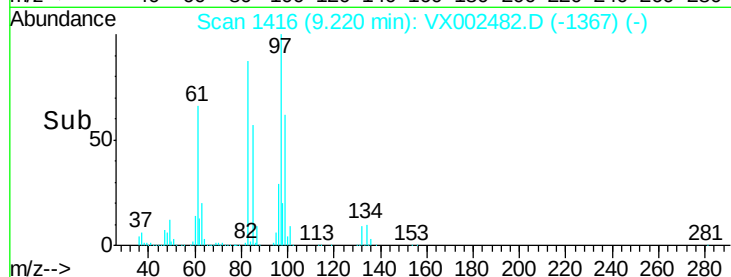
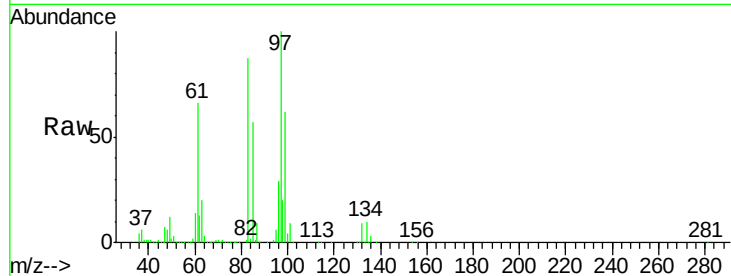
#55
 1,1,2-Trichloroethane
 Concen: 51.511 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		129490		
83	87.5	70.2	105.2		
85	56.6	44.9	67.3		
99	61.9	49.8	74.8		

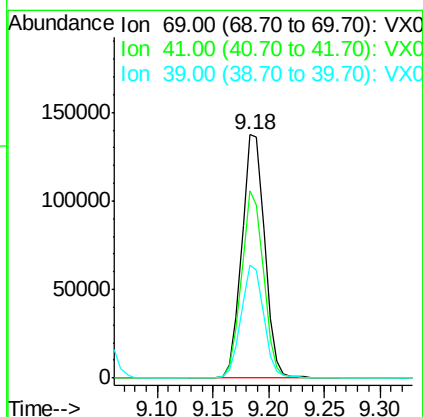
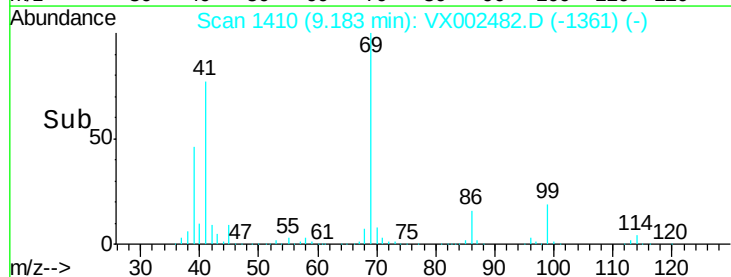
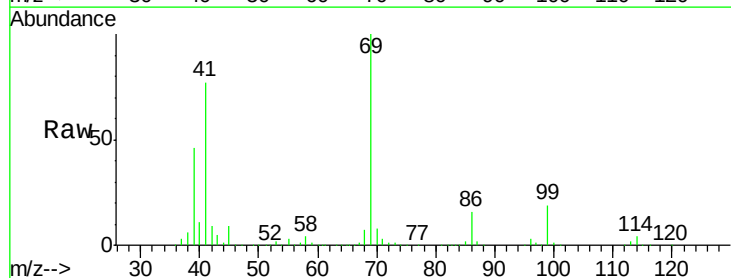
Manual Integrations
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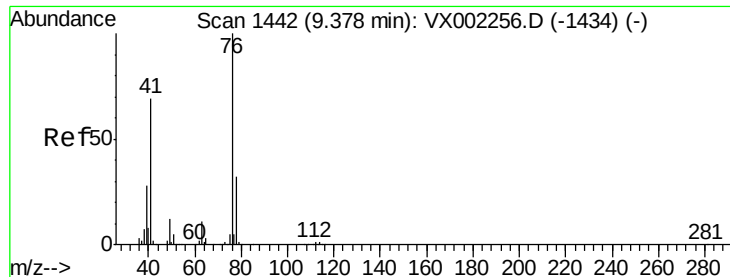
MMDadoda
 6/13/2018 1:59:38 PM



#56
 Ethyl methacrylate
 Concen: 48.839 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		196011		
41	74.1	60.3	90.5		
39	46.0	35.8	53.8		





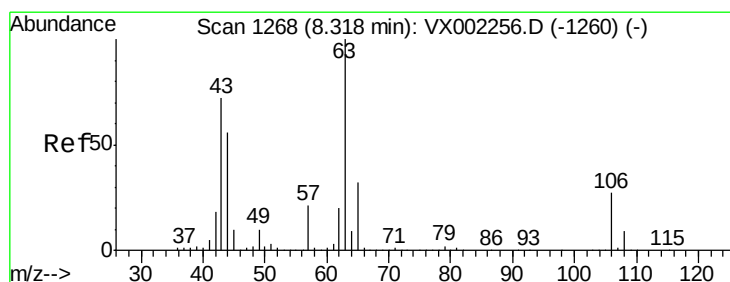
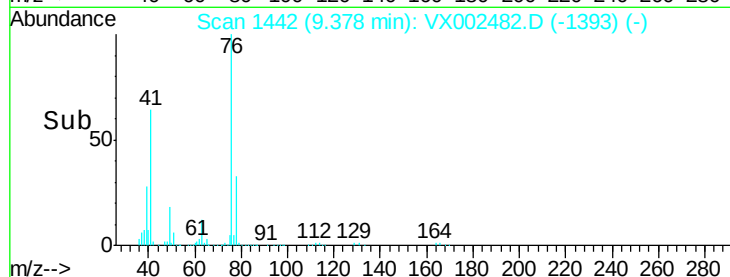
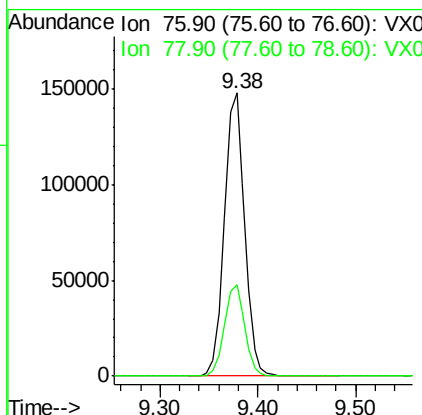
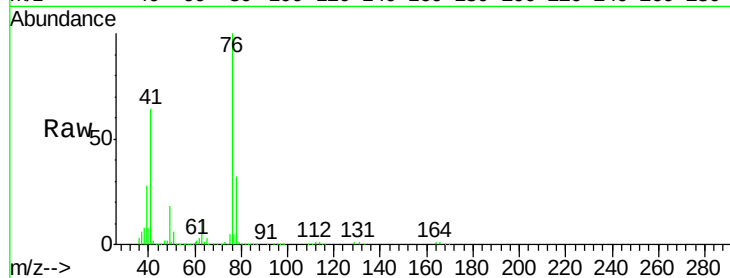
#57
 1,3-Dichloropropane
 Concen: 50.175 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

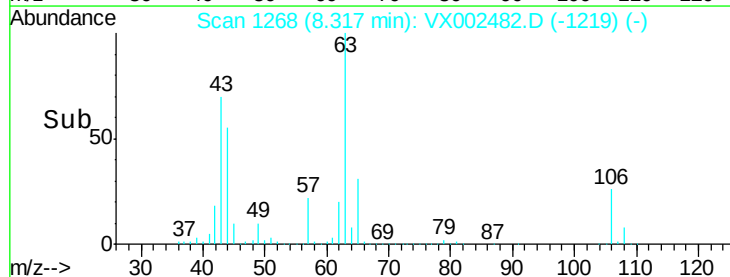
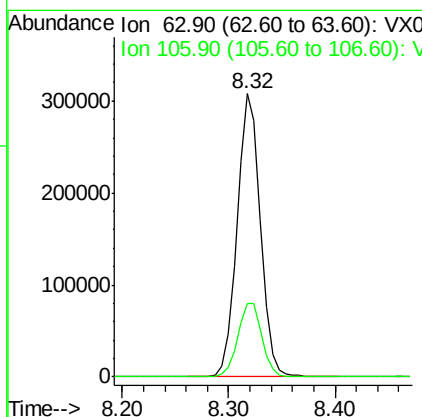
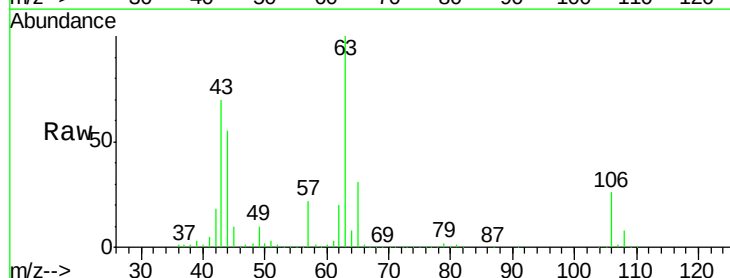
Manual Integrations
 APPROVED

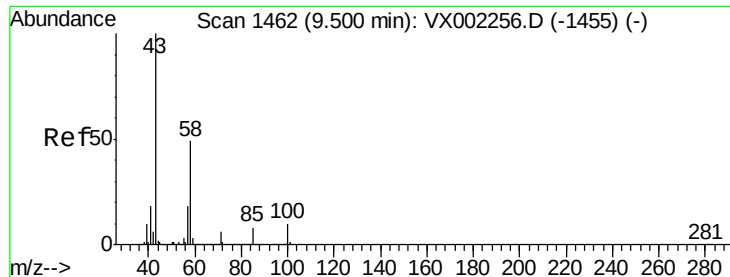
MMDadoda
 6/13/2018 1:59:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.480 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.8	32.8





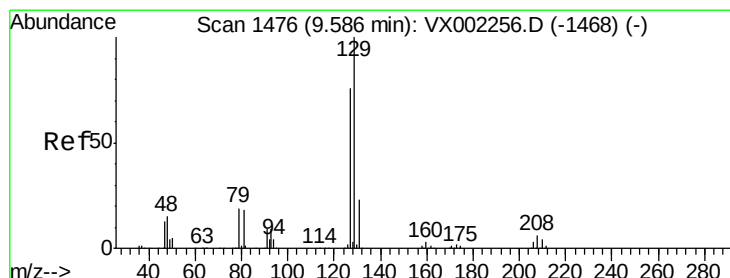
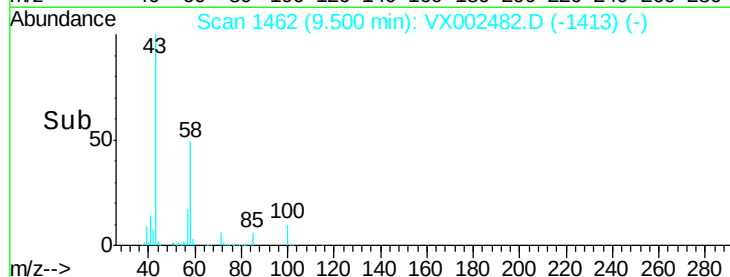
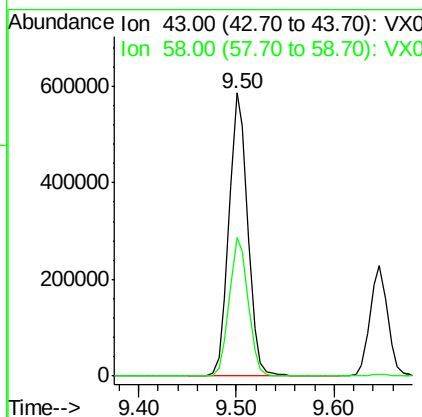
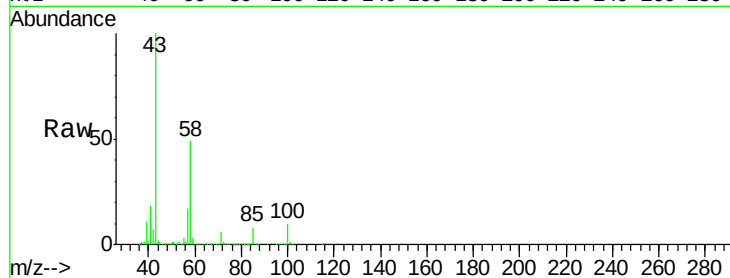
#59
2-Hexanone
Concen: 253.456 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.4	24.6	73.6

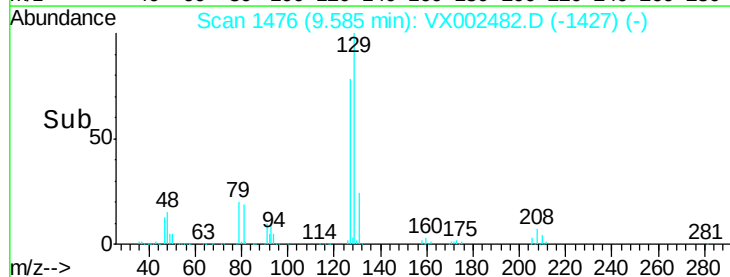
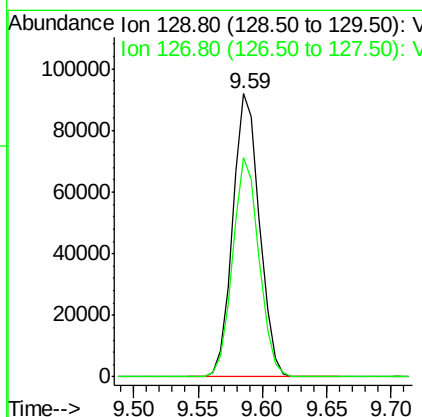
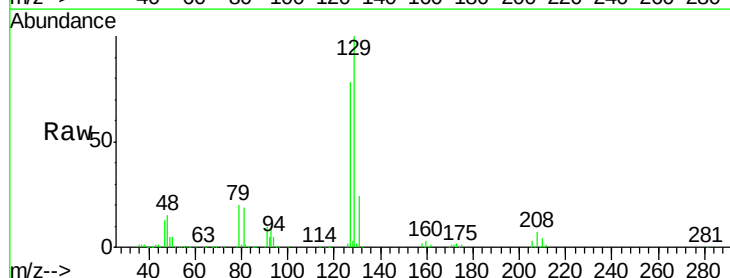
Manual Integrations
APPROVED

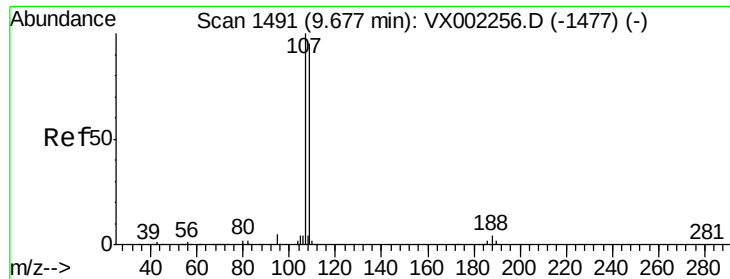
MMDadoda
6/13/2018 1:59:38 PM



#60
Dibromochloromethane
Concen: 52.516 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.5	115.3





#61

1,2-Dibromoethane

Concen: 51.893 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 136017

Ion Ratio Lower Upper

107 100

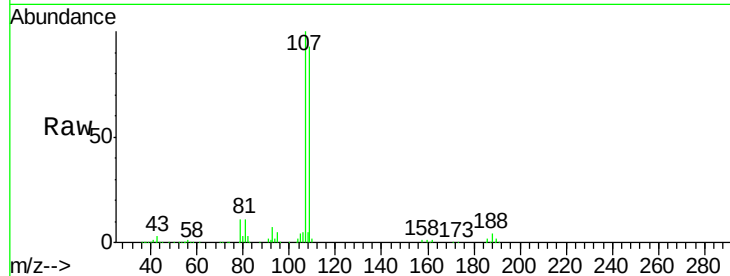
109 93.8 75.3 112.9

Manual Integrations

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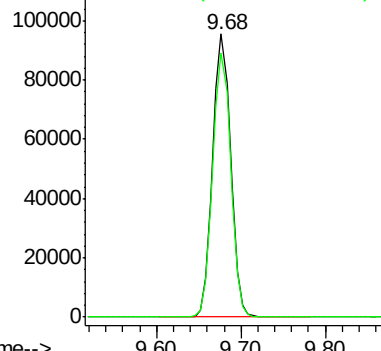
MMDadoda

6/13/2018 1:59:38 PM

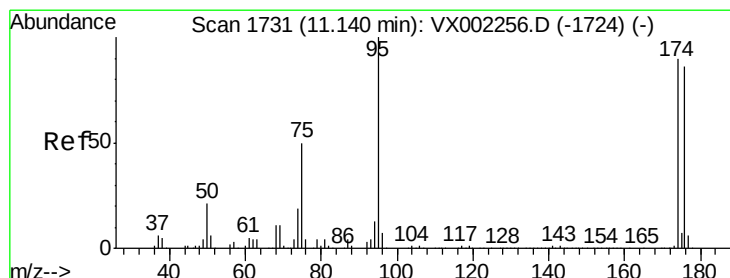
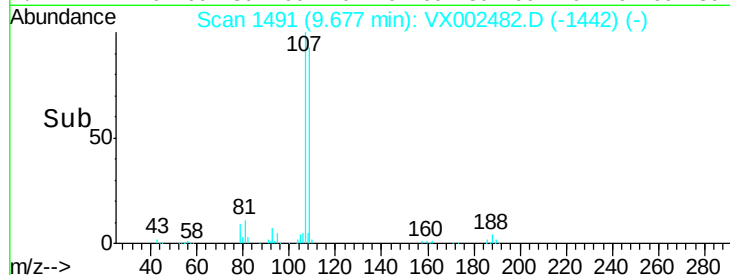


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 47.583 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

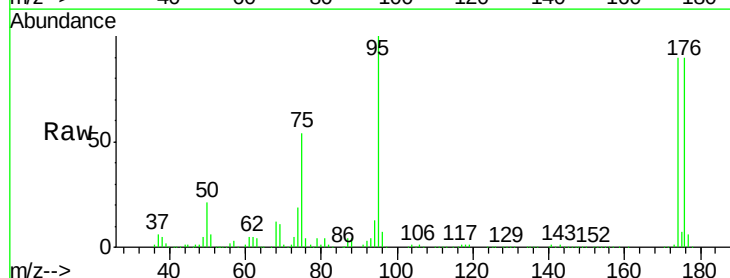
Tgt Ion: 95 Resp: 164886

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

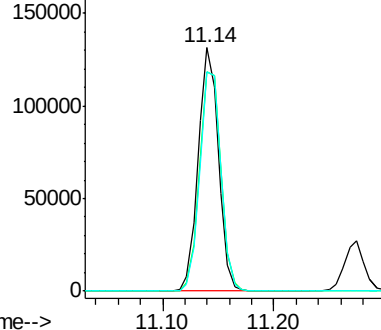
176 94.4 0.0 181.0



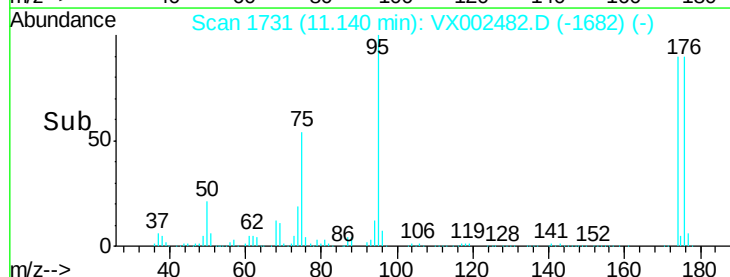
Abundance Ion 94.90 (94.60 to 95.60): VX0

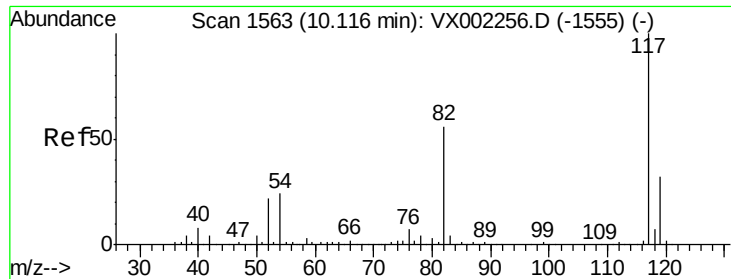
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





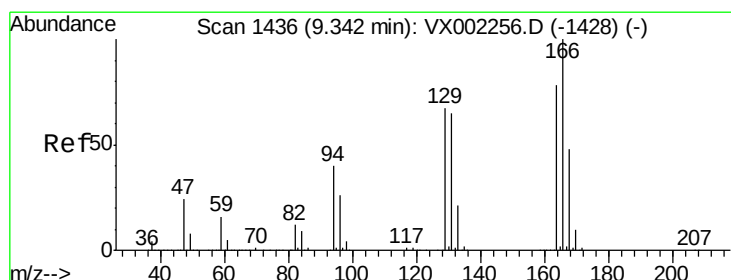
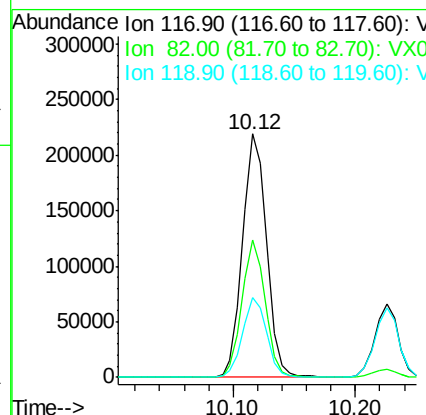
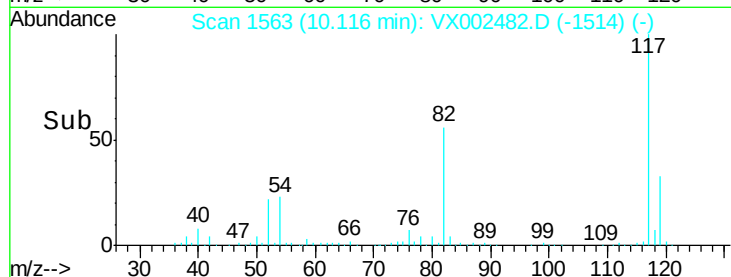
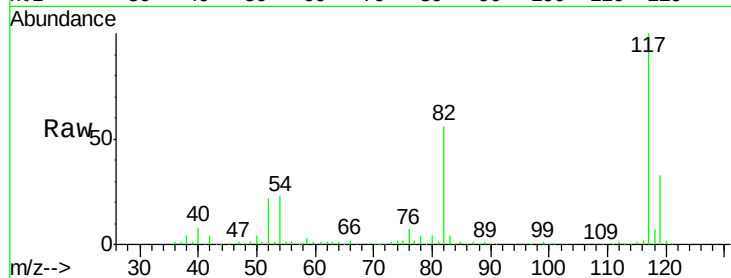
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.0	67.4
119	33.0	25.8	38.6

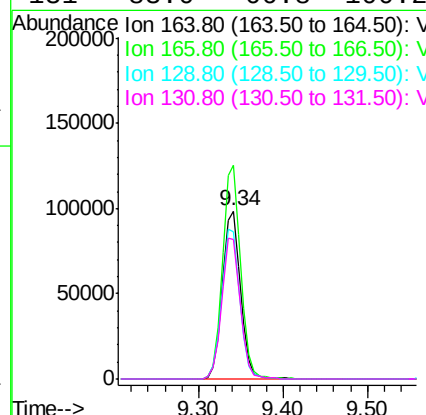
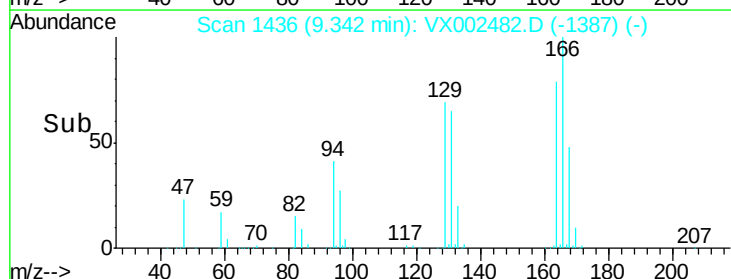
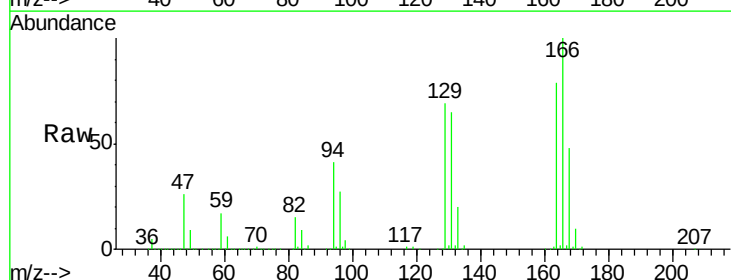
Manual Integrations
APPROVED

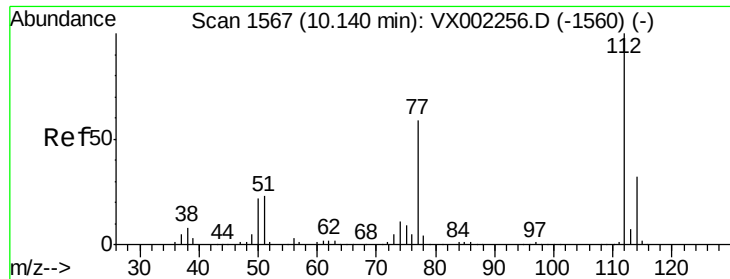
MMDadoda
6/13/2018 1:59:38 PM



#64
Tetrachloroethene
Concen: 48.358 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.9	154.3
129	87.3	68.6	102.8
131	83.0	66.8	100.2





#65

Chlorobenzene

Concen: 48.819 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 360640

Ion Ratio Lower Upper

112 100

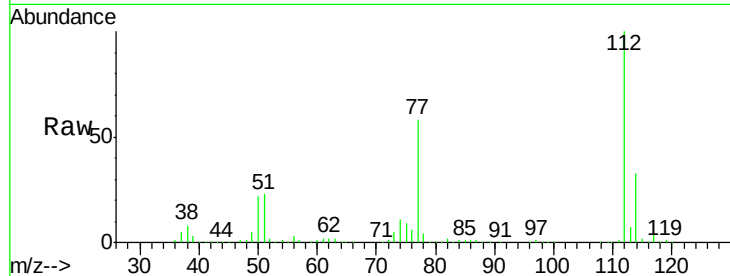
114 32.7 25.3 37.9

Manual Integrations

APPROVED

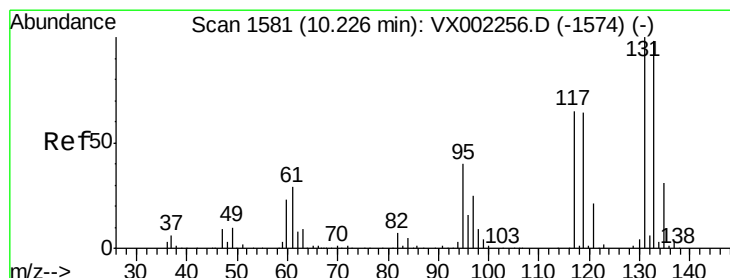
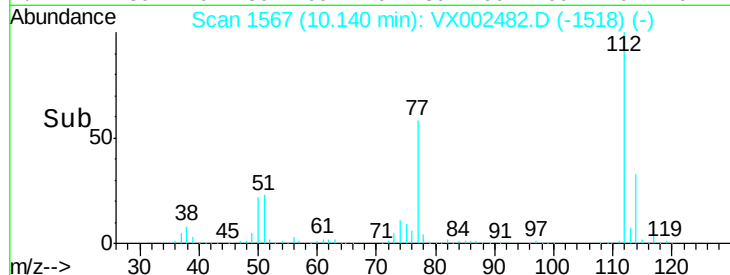
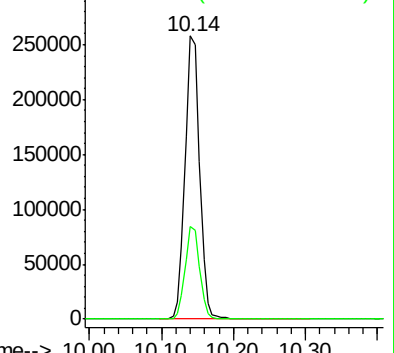
MMDadoda

6/13/2018 1:59:38 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.752 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

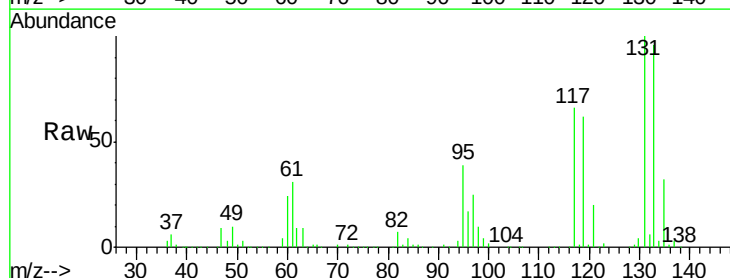
Tgt Ion:131 Resp: 133080

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

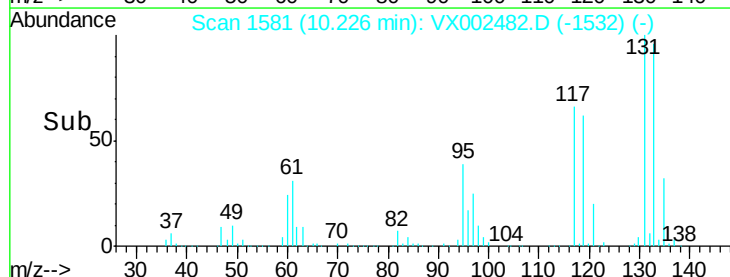
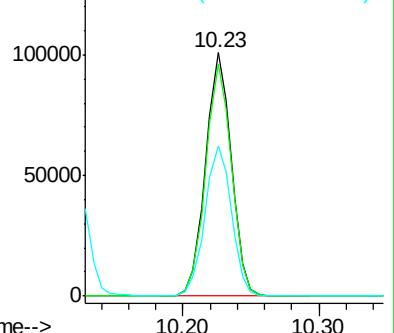
119 63.2 31.8 95.3

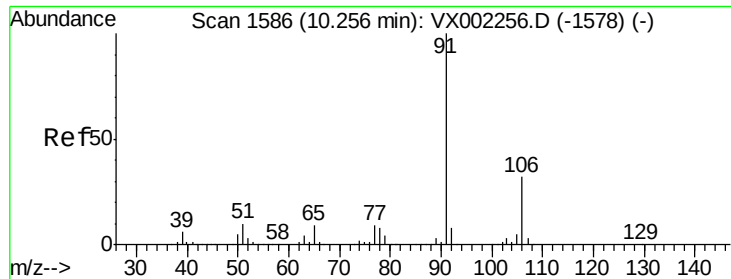


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





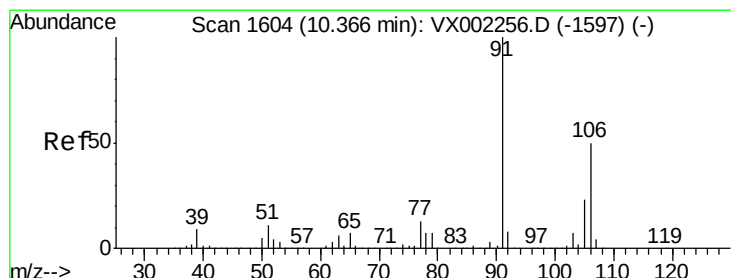
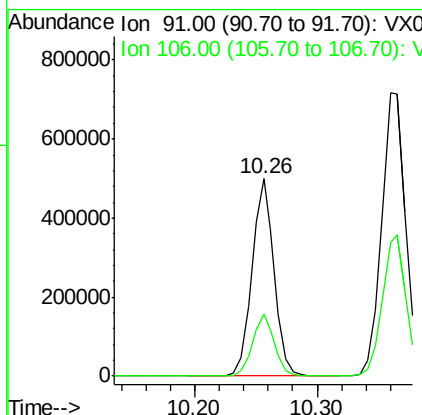
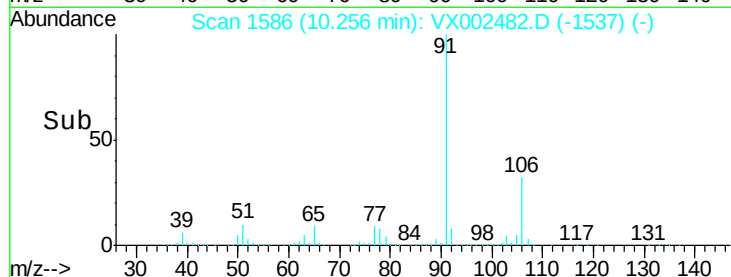
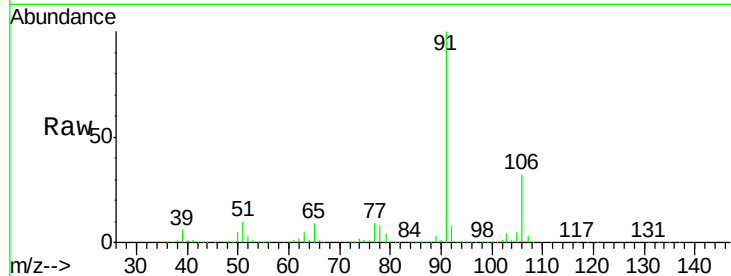
#67
Ethyl Benzene
Concen: 50.671 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 626436
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

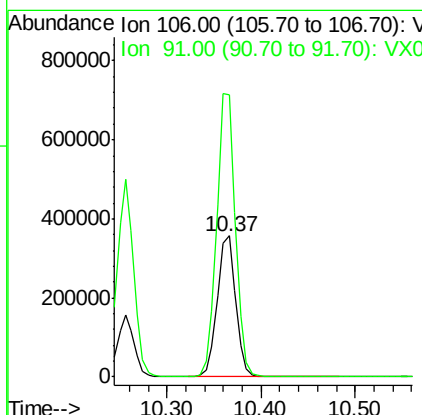
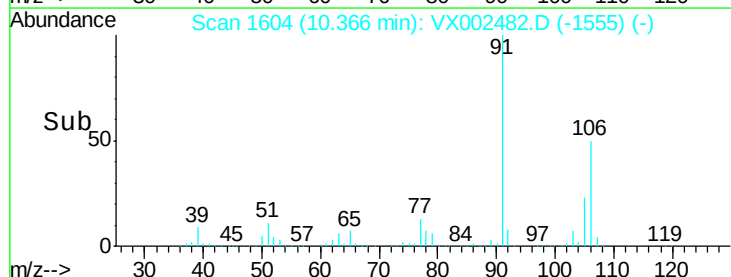
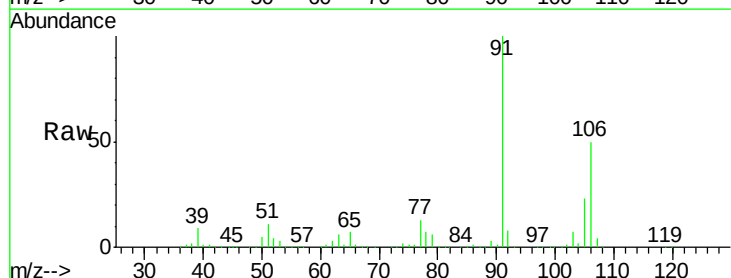
Manual Integrations
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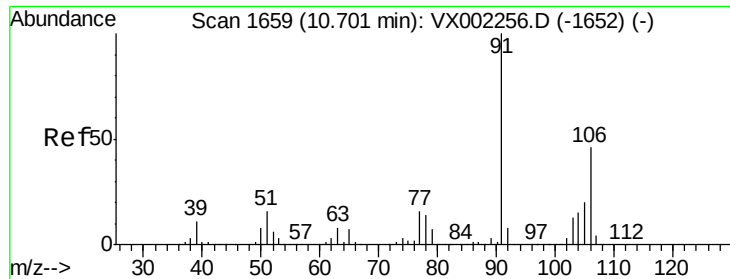
MMDadoda
6/13/2018 1:59:38 PM



#68
m/p-Xylenes
Concen: 100.775 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 106 Resp: 484299
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2





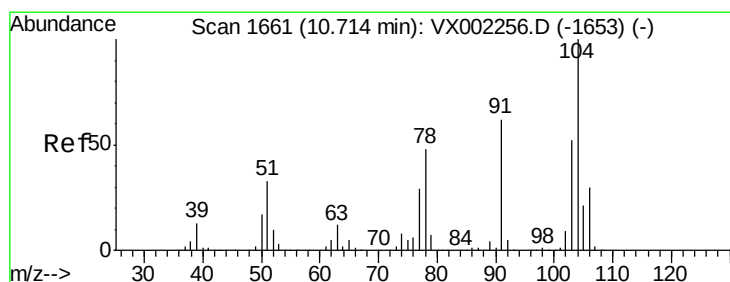
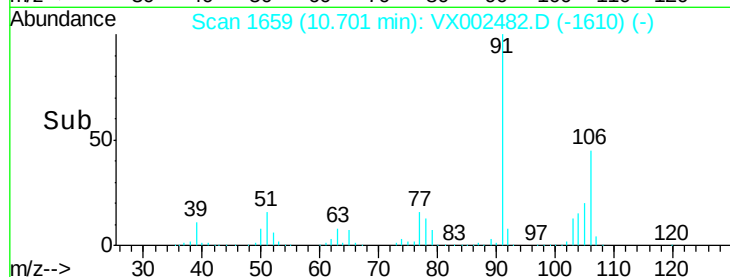
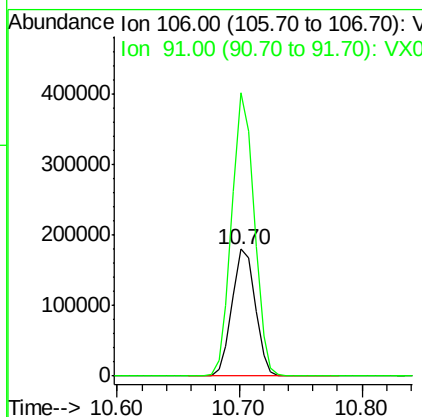
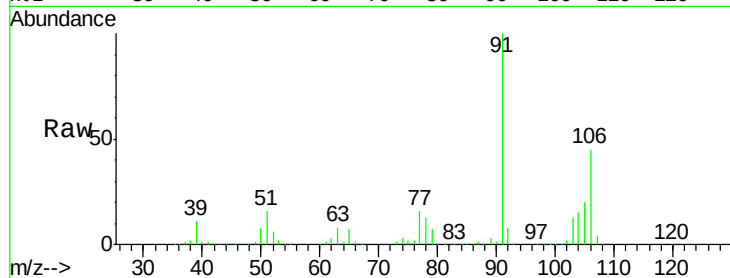
#69
o-Xylene
Concen: 49.502 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 236742
Ion Ratio Lower Upper
106 100
91 215.7 108.2 324.6

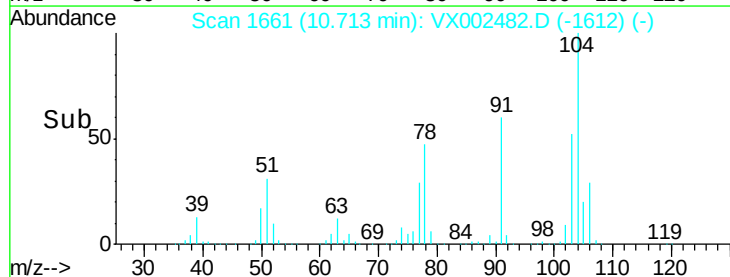
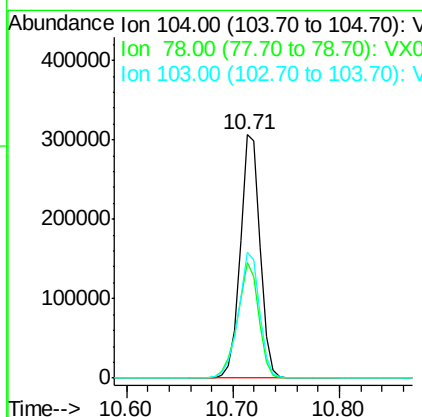
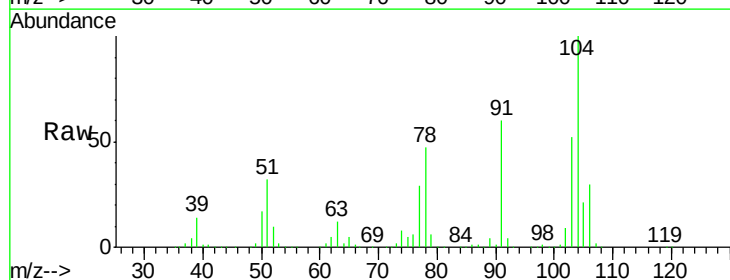
Manual Integrations
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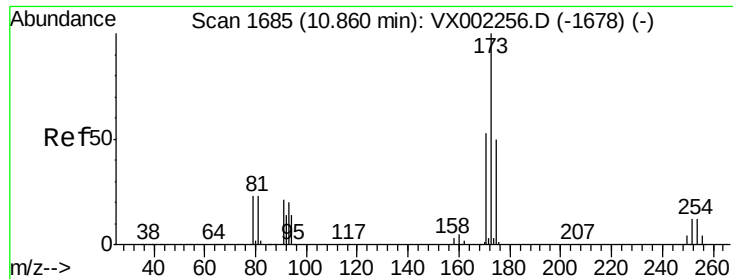
MMDadoda
6/13/2018 1:59:38 PM



#70
Styrene
Concen: 51.192 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion:104 Resp: 400232
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.5 44.2 66.4





#71

Bromoform

Concen: 42.888 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 101476

Ion Ratio Lower Upper

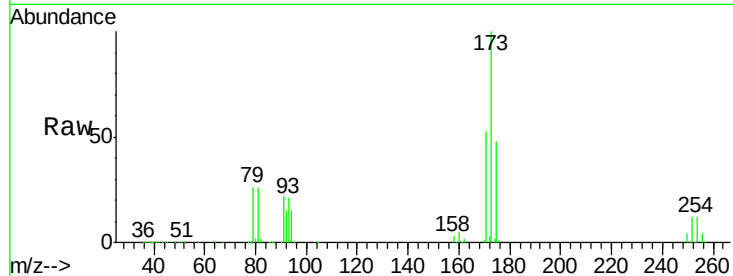
173 100

175 48.5 24.7 74.1

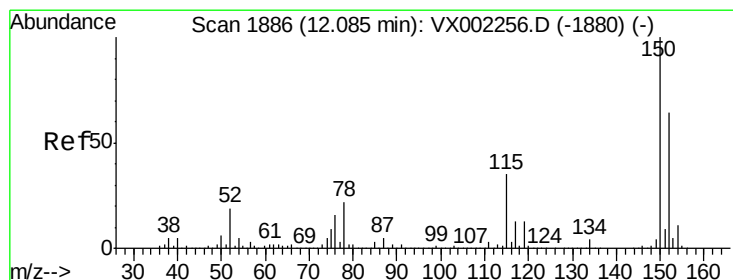
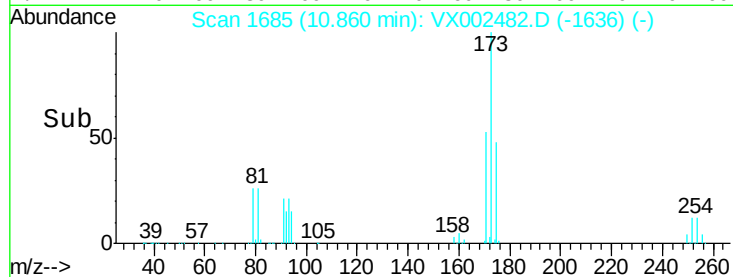
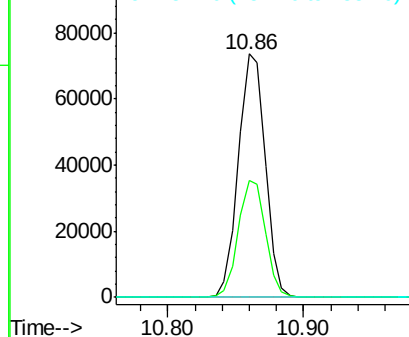
254 0.1 0.2 0.2#

Manual Integrations
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MMDadoda
6/13/2018 1:59:38 PM



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

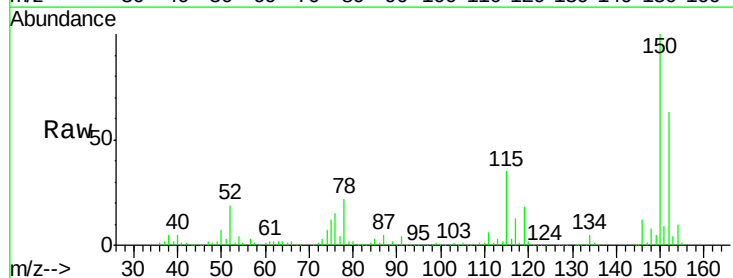
Tgt Ion:152 Resp: 194168

Ion Ratio Lower Upper

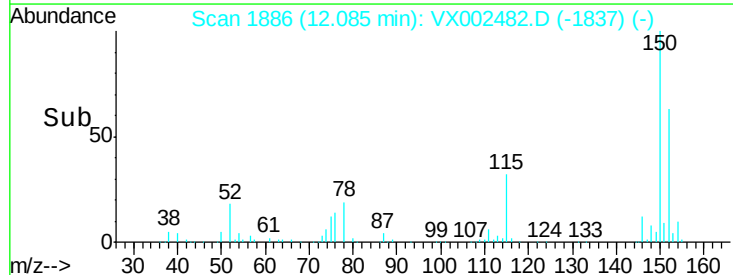
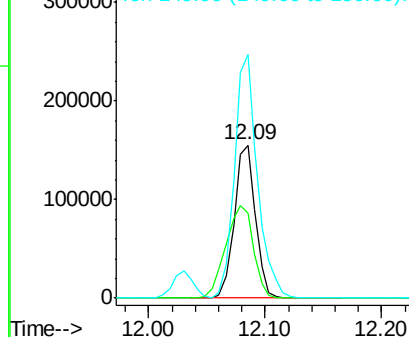
152 100

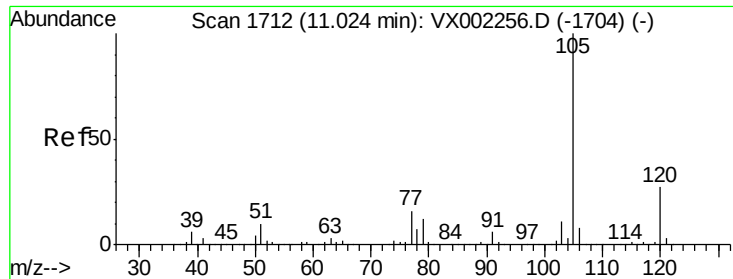
115 78.9 40.1 120.2

150 174.3 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





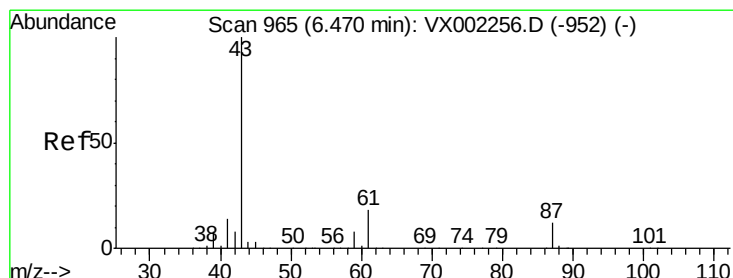
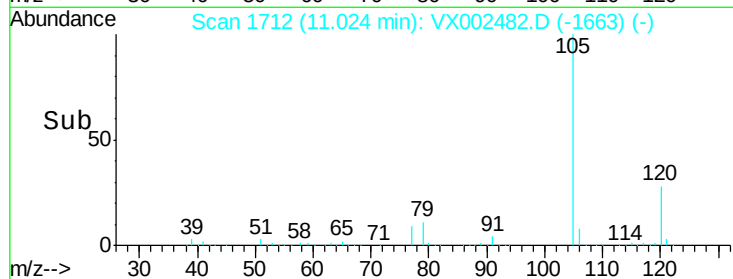
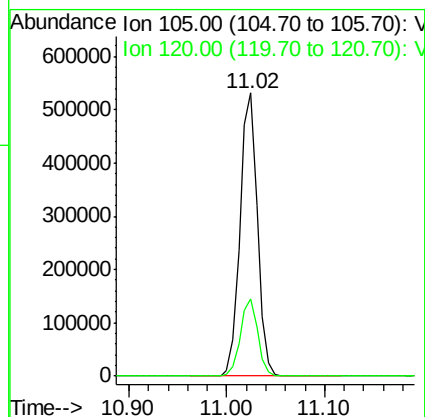
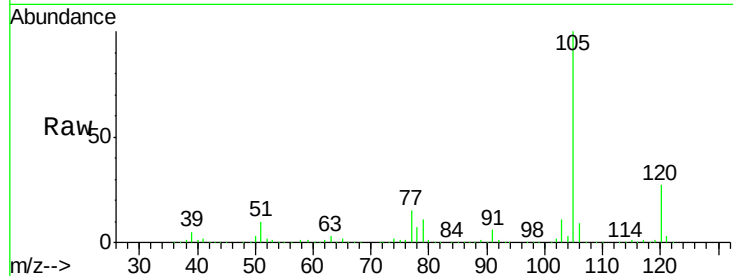
#73
Isopropylbenzene
Concen: 48.404 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 653798
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

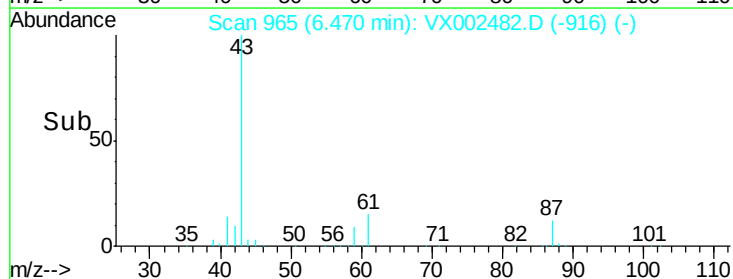
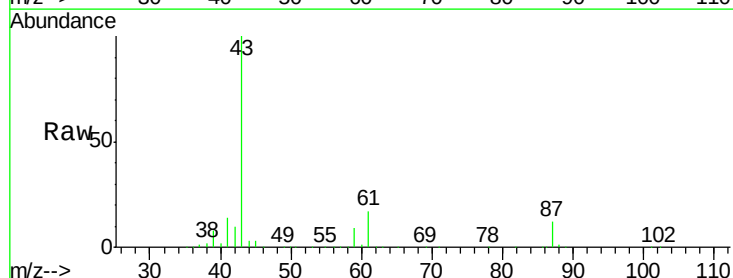
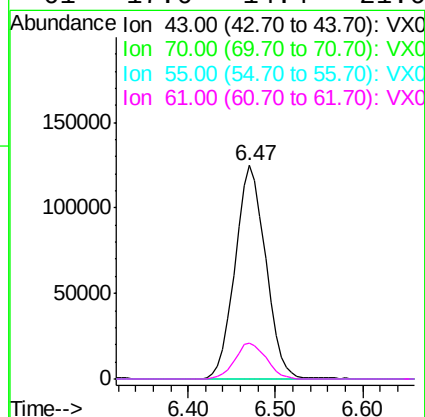
Manual Integrations
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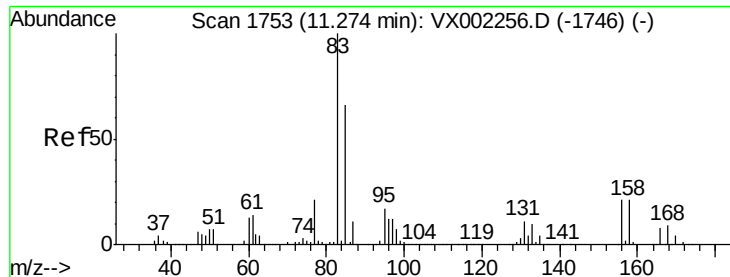
MMDadoda
6/13/2018 1:59:38 PM



#74
N-ethyl acetate
Concen: 41.672 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 43 Resp: 303293
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.1 0.0 0.0#
61 17.6 14.4 21.6





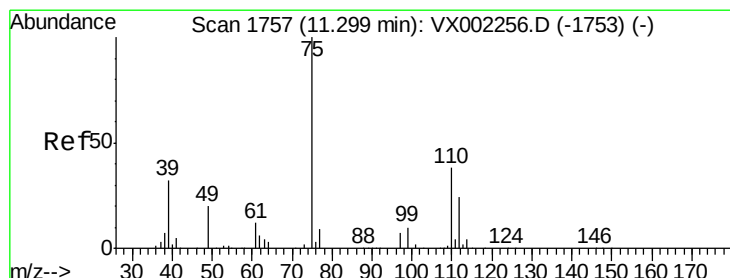
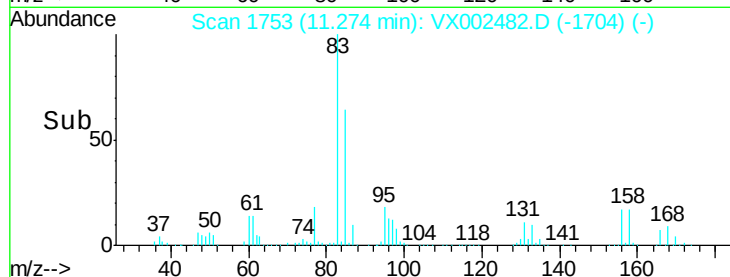
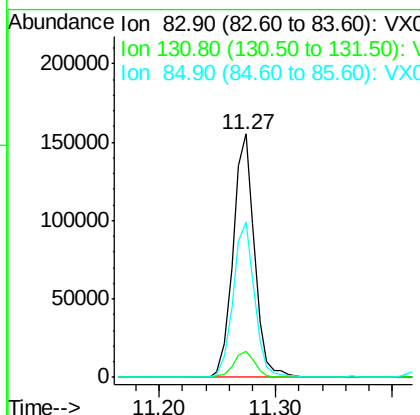
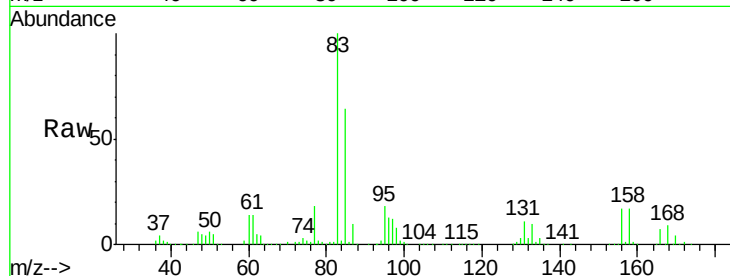
#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.707 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	198421
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.6	16.8
85	64.0	32.4	97.2

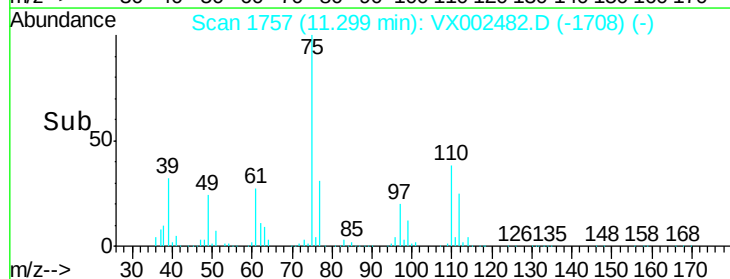
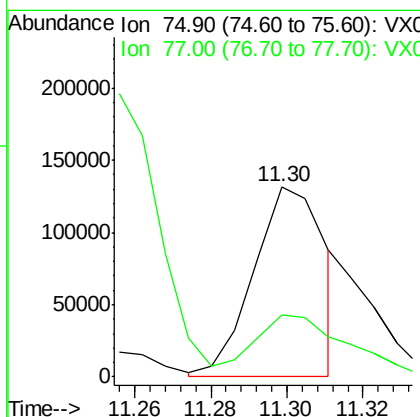
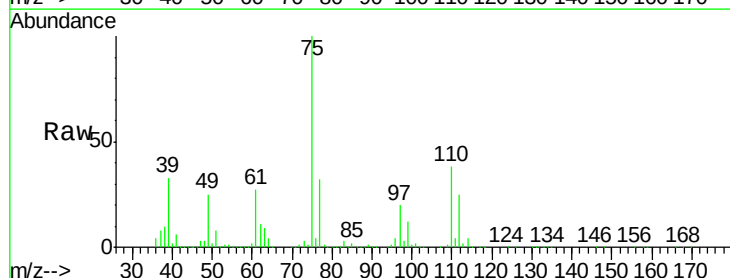
Manual Integrations
 APPROVED

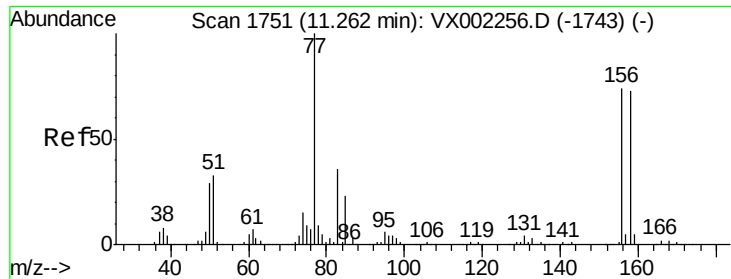
MMDadoda
 6/13/2018 1:59:38 PM



#76
 1,2,3-Trichloropropane
 Concen: 40.151 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	75	Resp	171064
Ion Ratio	100	Lower	Upper
75	100		
77	42.7	22.8	68.3





#77

Bromobenzene

Concen: 46.832 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 177589

Ion Ratio Lower Upper

156 100

77 139.3 71.4 214.2

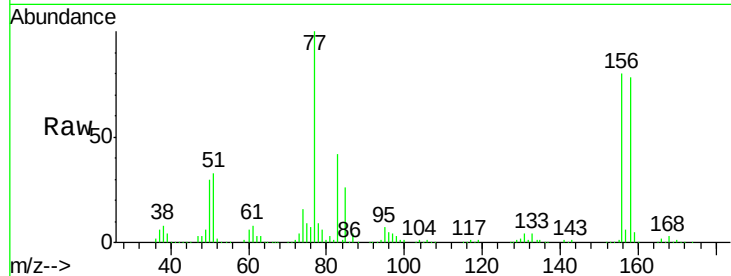
158 96.7 48.9 146.6

Manual Integrations

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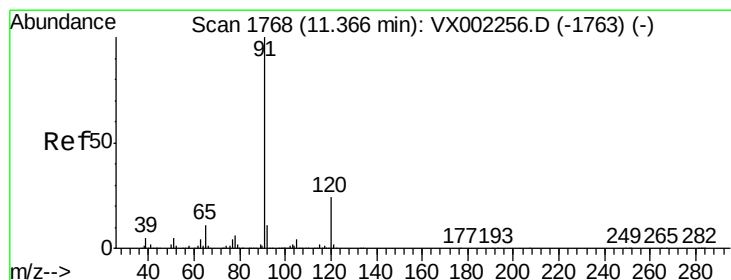
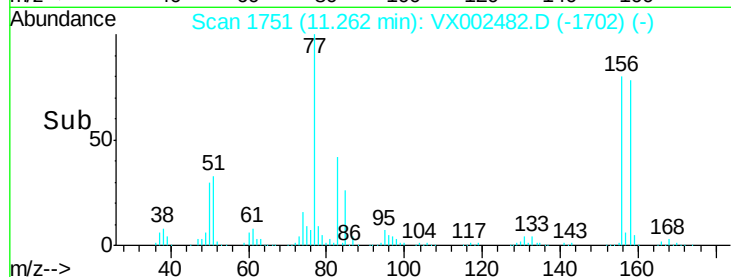
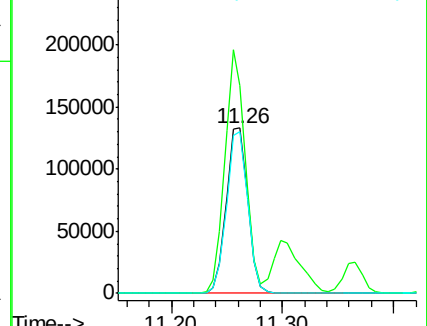
6/13/2018 1:59:38 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.067 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002482.D

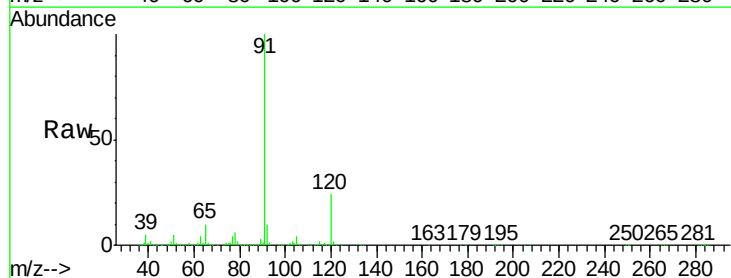
Acq: 12 Jun 2018 22:38

Tgt Ion: 91 Resp: 751657

Ion Ratio Lower Upper

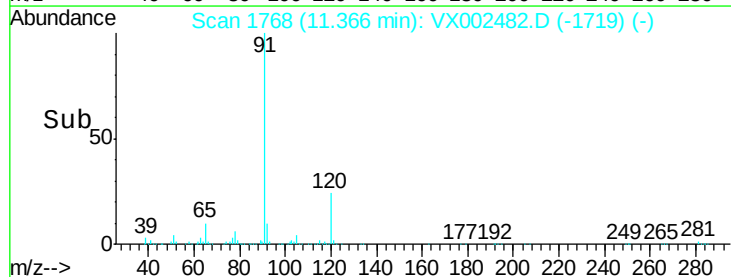
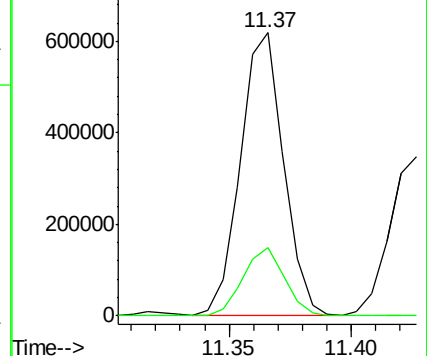
91 100

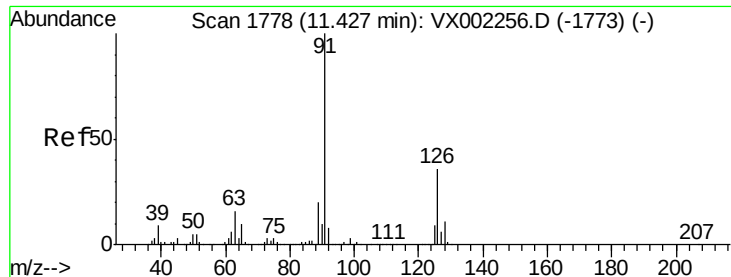
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.556 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 441338

Ion Ratio Lower Upper

91 100

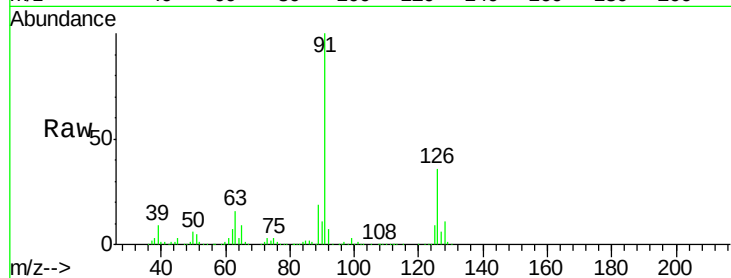
126 35.7 17.7 53.1

Manual Integrations

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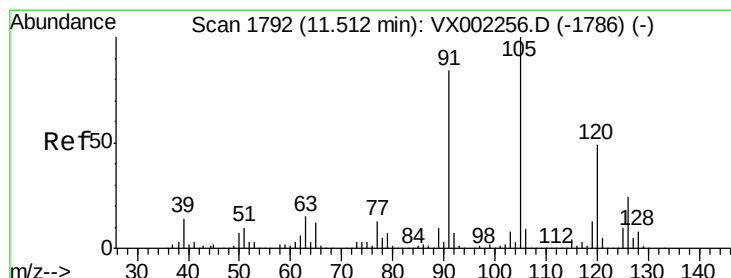
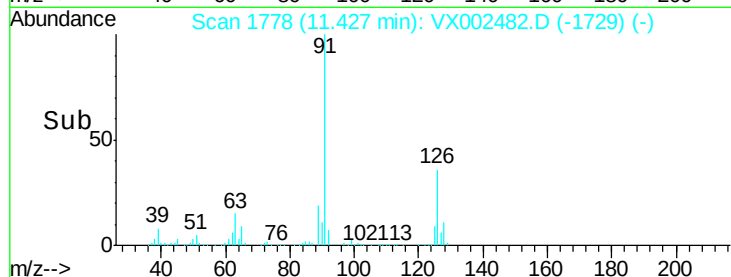
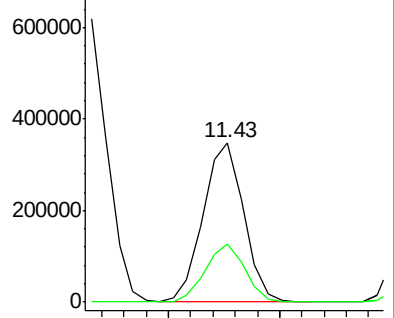
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.083 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002482.D

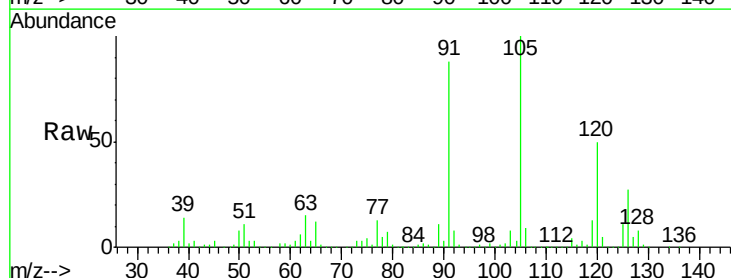
Acq: 12 Jun 2018 22:38

Tgt Ion: 105 Resp: 557060

Ion Ratio Lower Upper

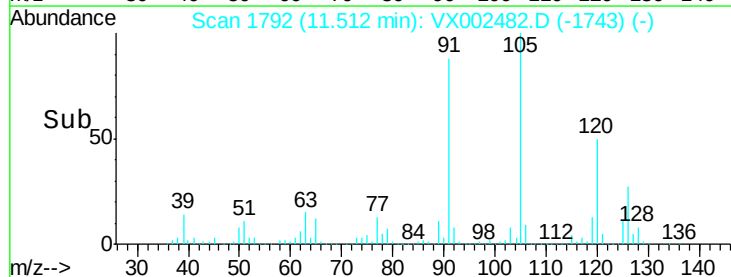
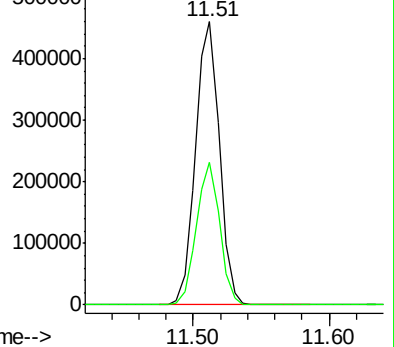
105 100

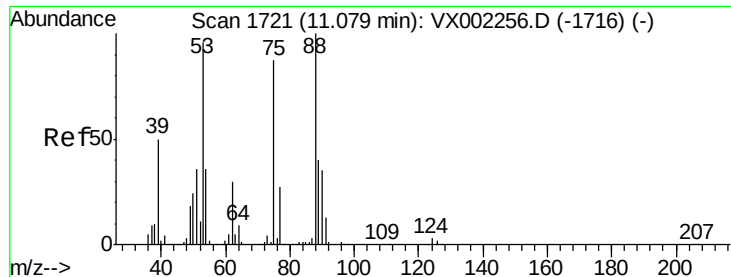
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)





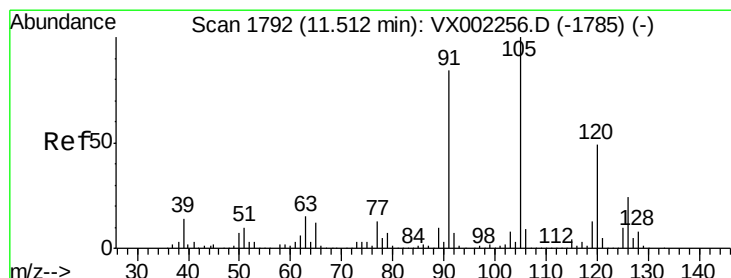
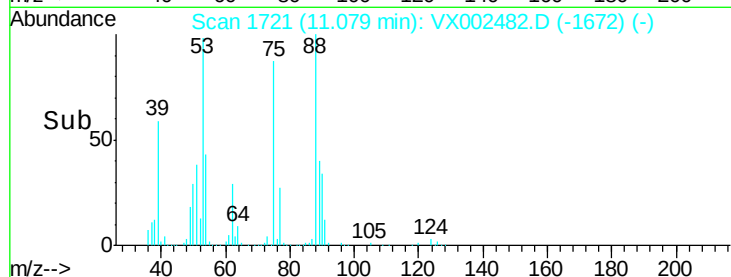
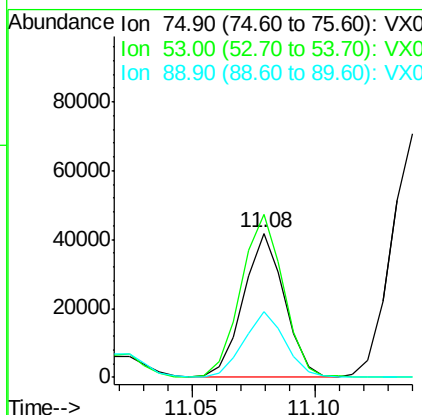
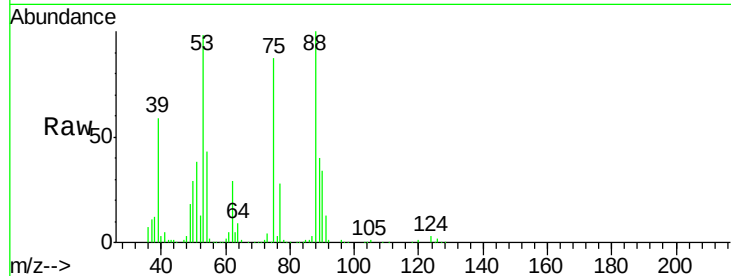
#81
trans-1,4-Dichloro-2-butene
Concen: 39.926 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 48528
Ion Ratio Lower Upper
75 100
53 117.2 86.8 130.2
89 46.1 38.2 57.2

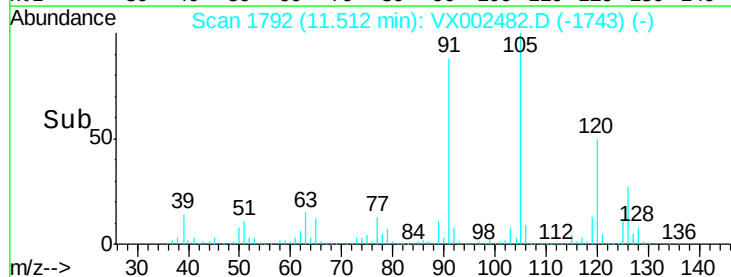
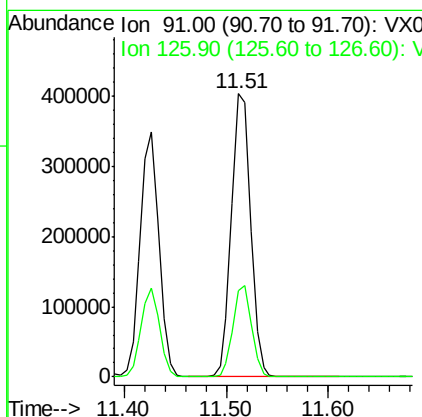
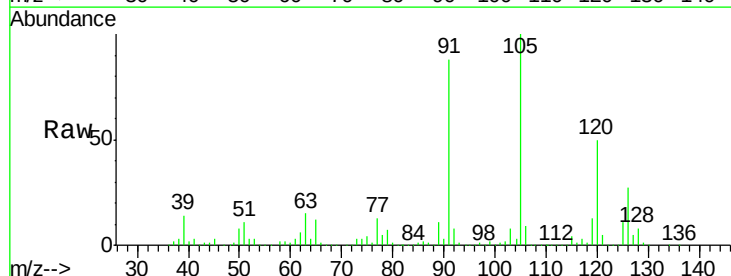
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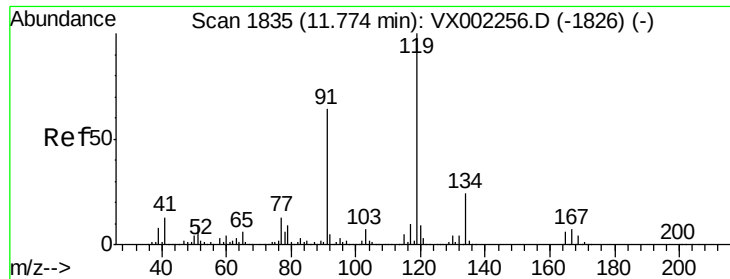
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.944 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 91 Resp: 524594
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4





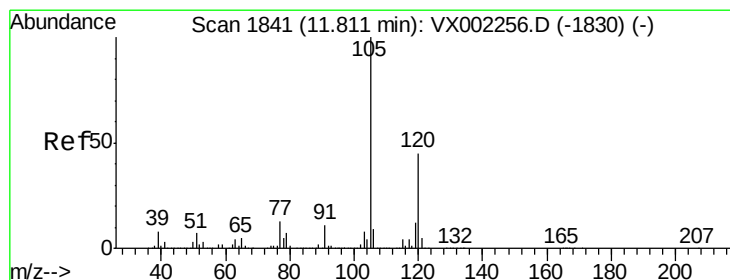
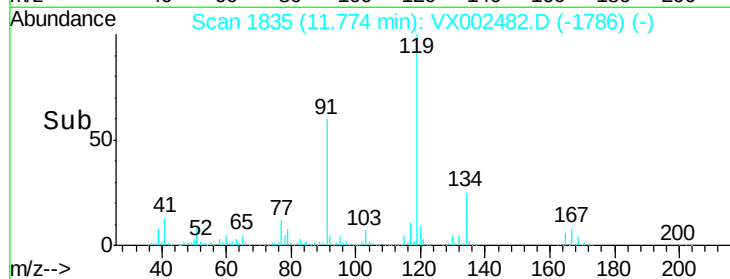
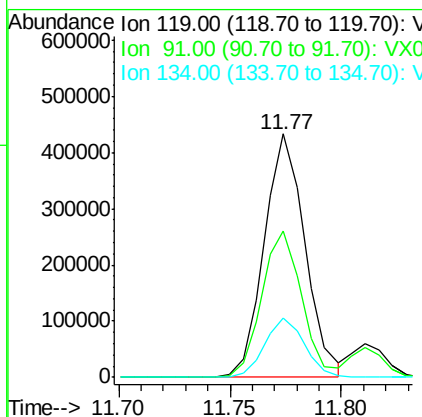
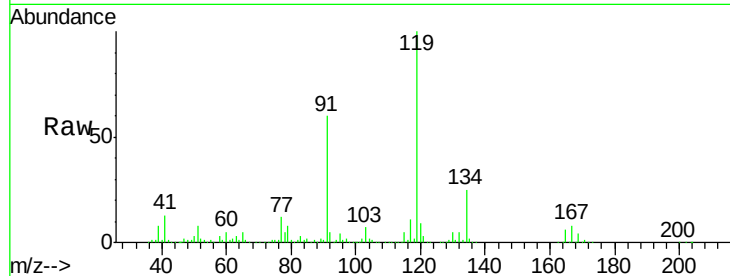
#83
 tert-Butylbenzene
 Concen: 48.878 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	30.3	90.9
134	23.9	11.7	35.1

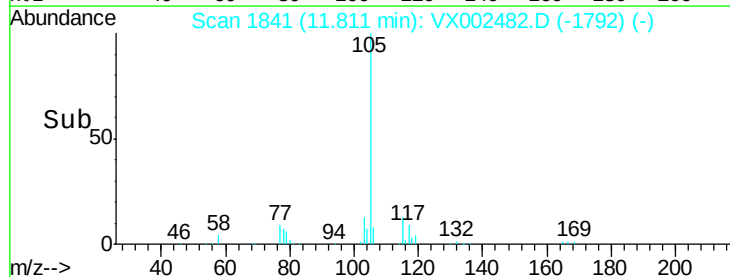
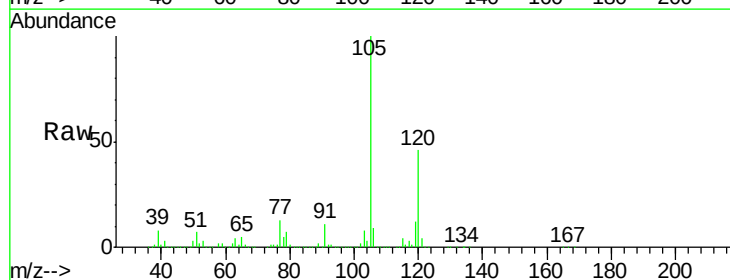
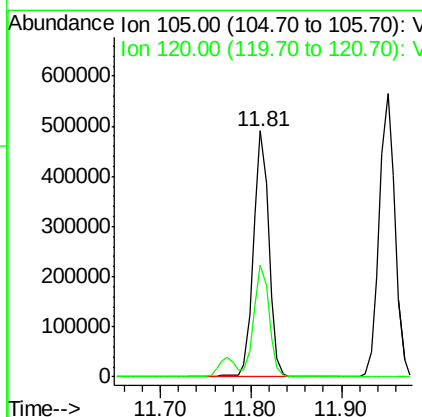
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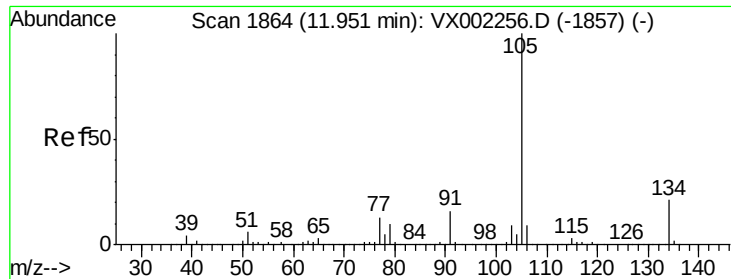
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.139 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.8





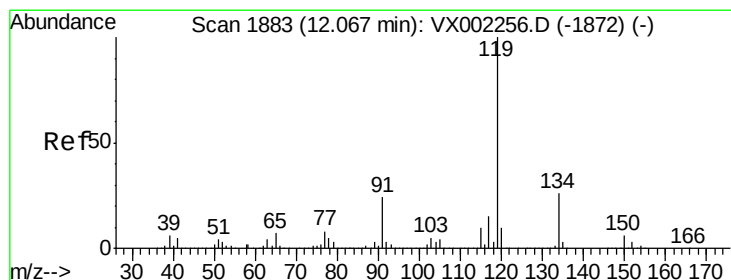
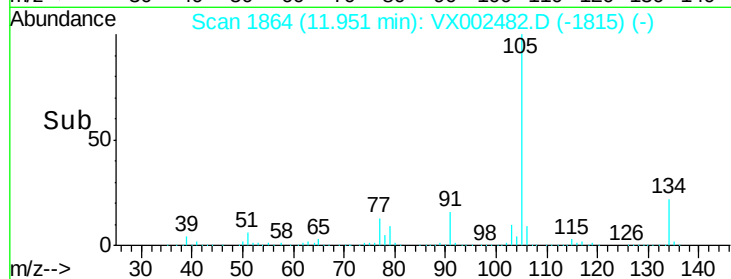
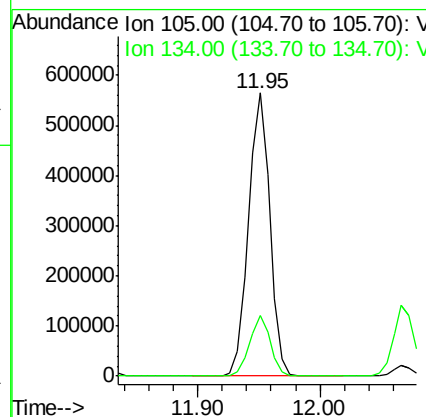
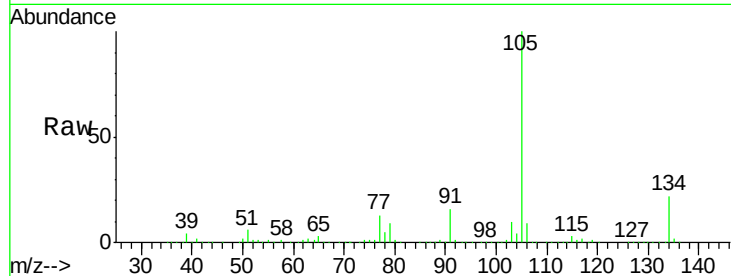
#85
 sec-Butylbenzene
 Concen: 51.463 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 680652
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

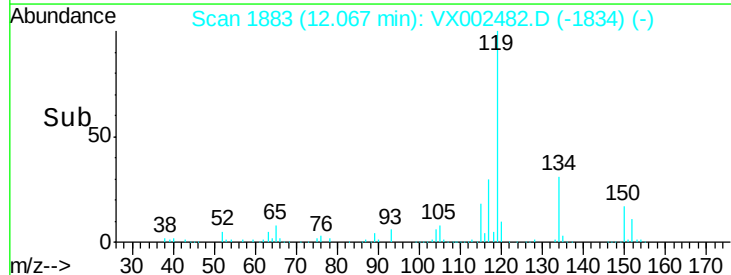
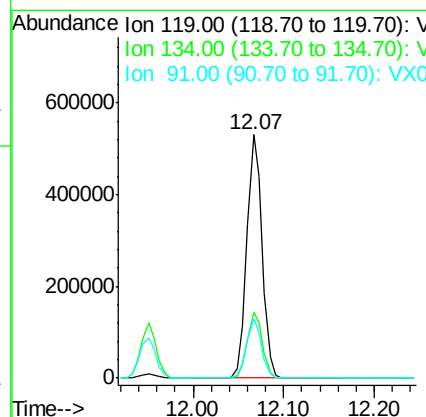
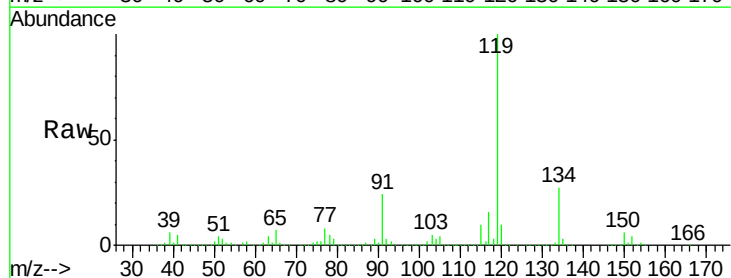
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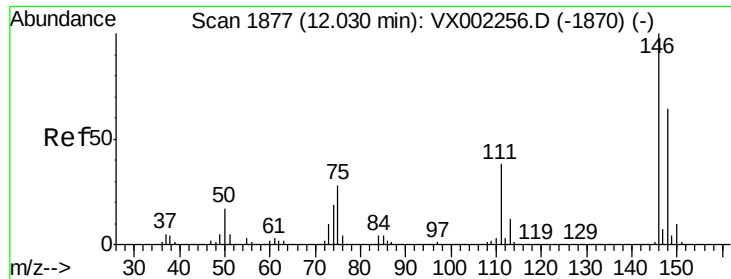
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 51.029 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion:119 Resp: 614754
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.8 11.9 35.7





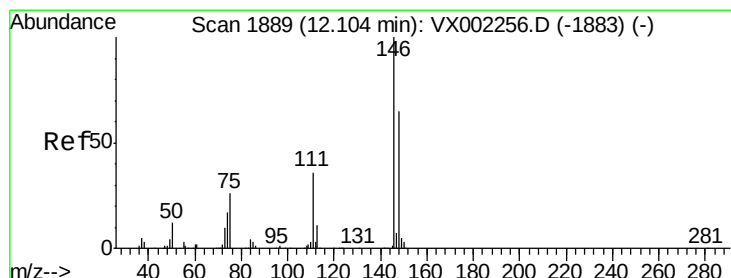
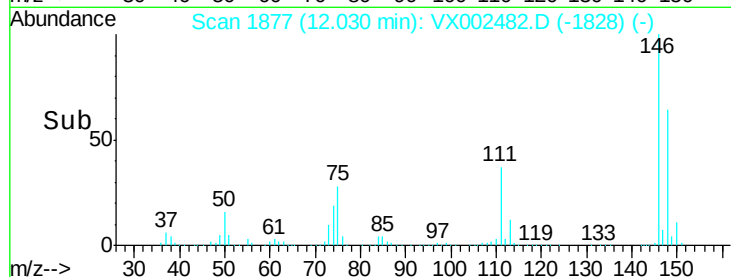
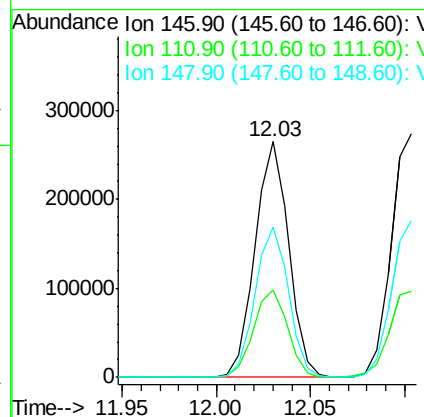
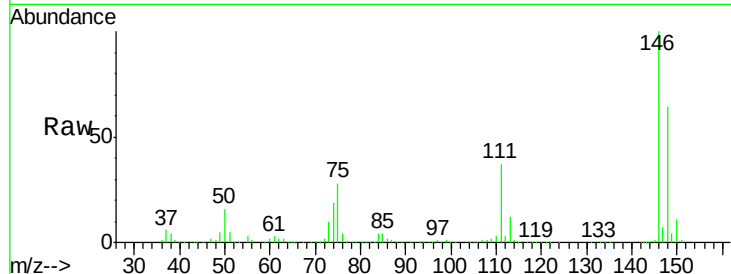
#87
 1,3-Dichlorobenzene
 Concen: 48.114 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.9	32.1	96.3

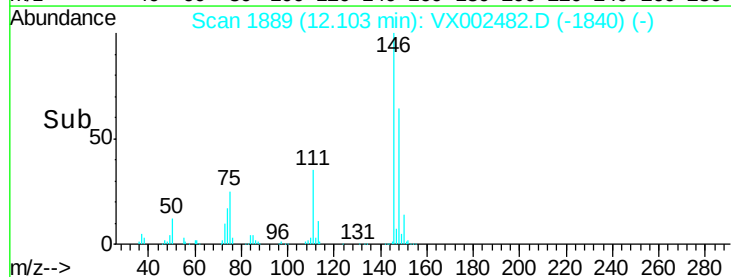
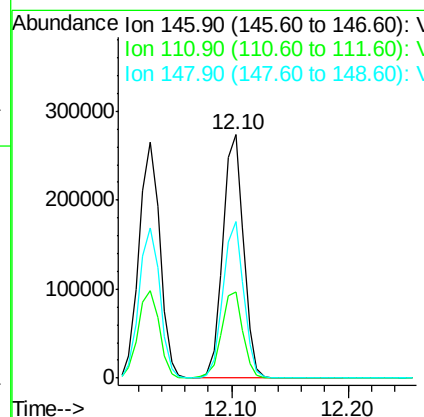
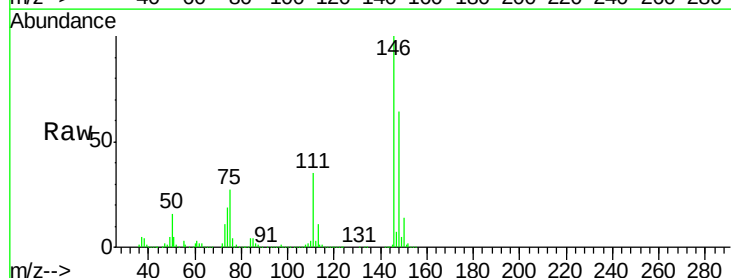
Manual Integrations
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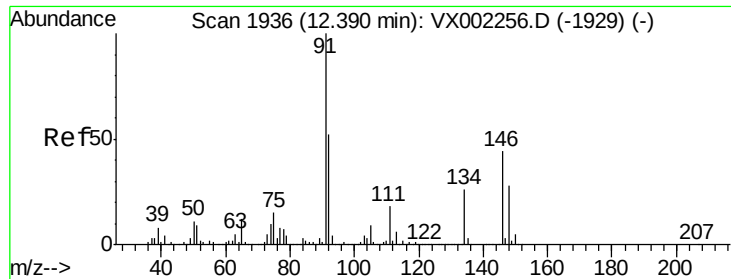
MMDadoda
 6/13/2018 1:59:38 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.690 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 53.223 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

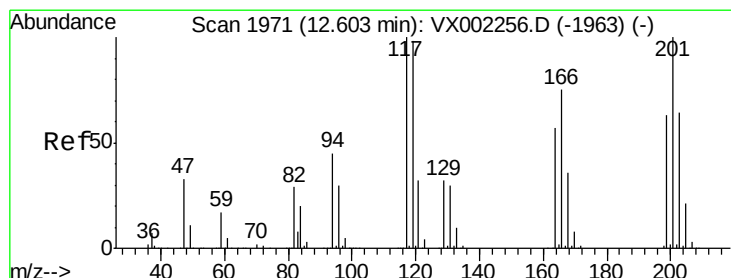
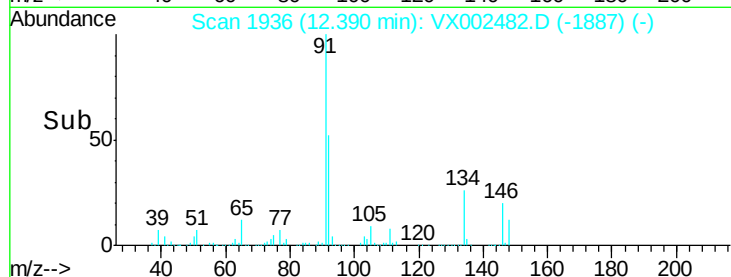
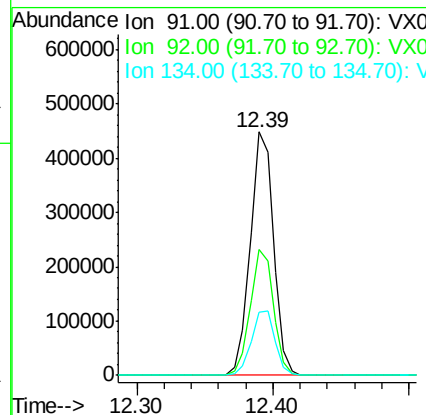
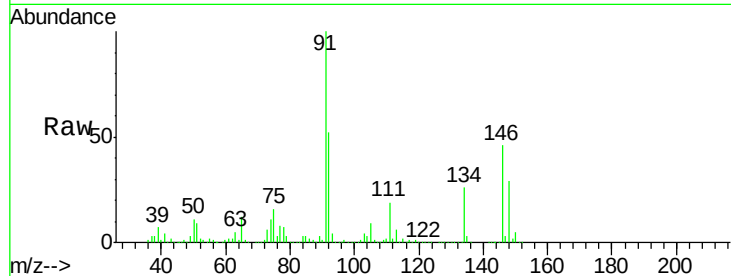
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	537754
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	26.9	13.5	40.5

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#90

Hexachloroethane

Concen: 47.160 ug/l

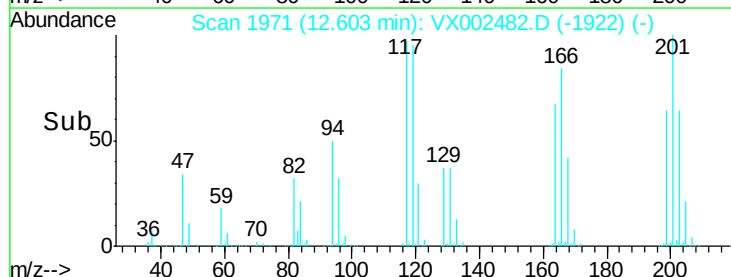
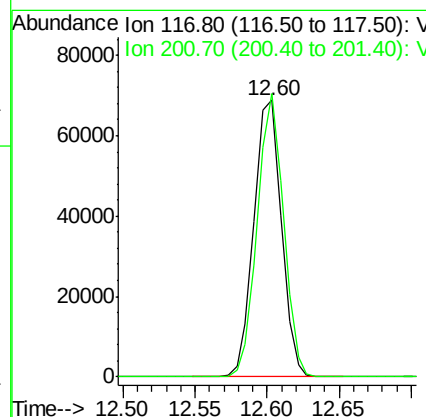
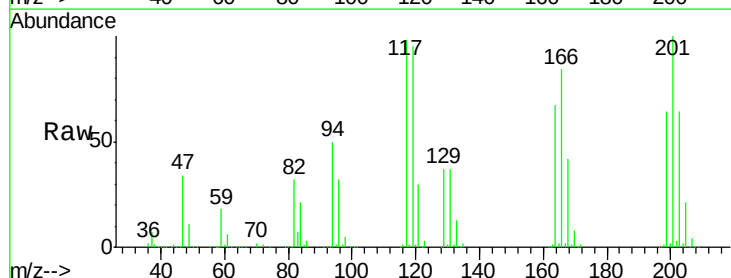
RT: 12.60 min Scan# 1971

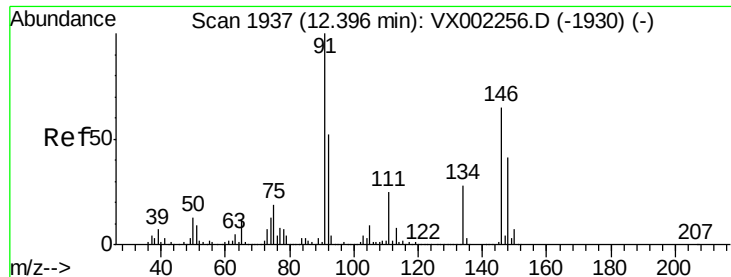
Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	117	Resp:	90693
Ion	Ratio	Lower	Upper
117	100		
201	96.9	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 48.147 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

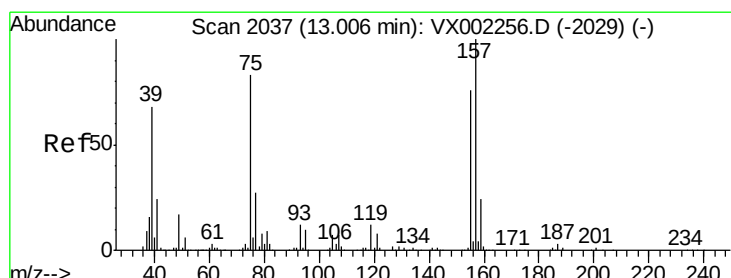
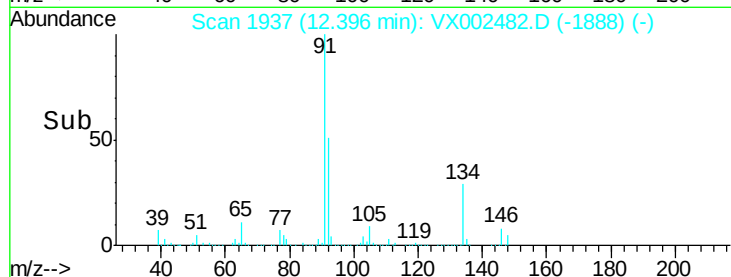
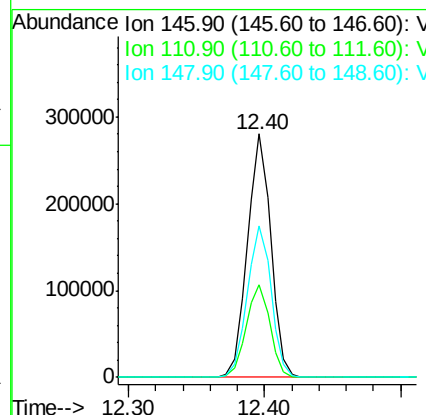
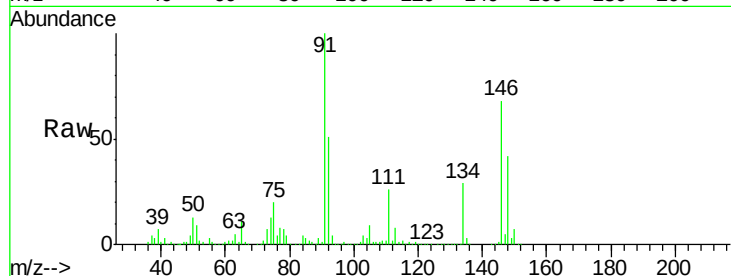
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	337756
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.4	58.1
148	63.4	31.7	95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.923 ug/l

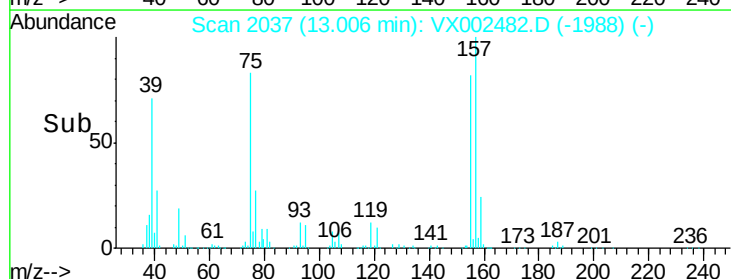
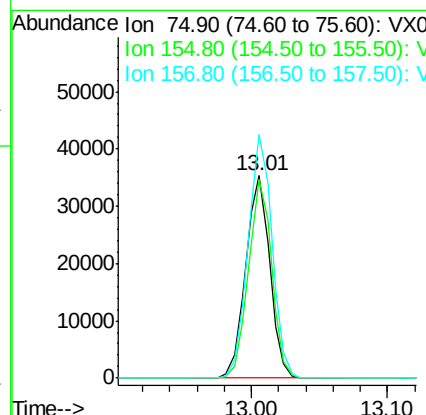
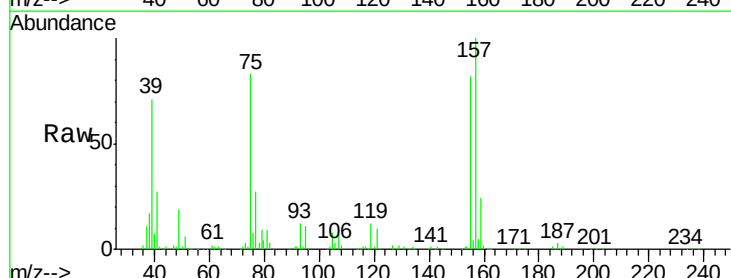
RT: 13.01 min Scan# 2037

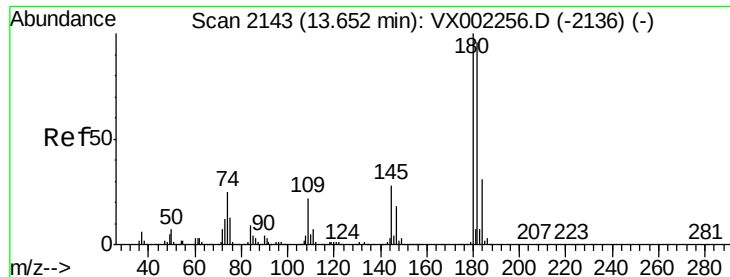
Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	75	Resp:	43592
Ion Ratio	Lower	Upper	
75	100		
155	95.0	45.8	137.4
157	120.3	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 49.425 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

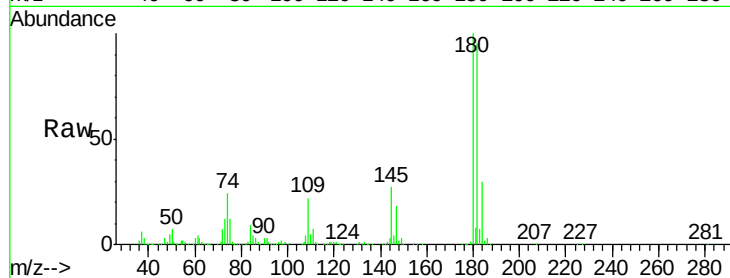
ClientSampled :

VSTDCCC050

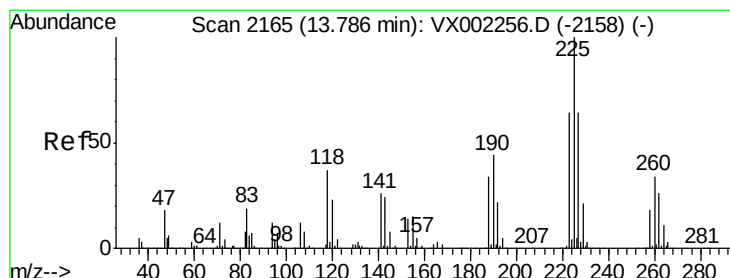
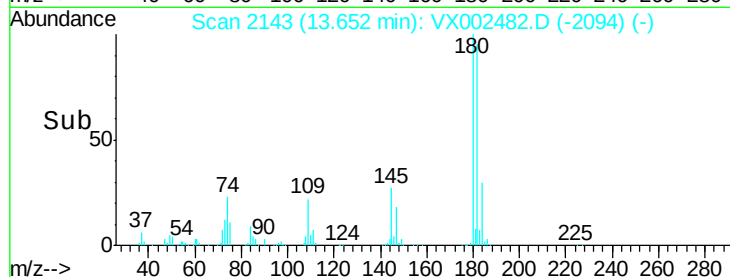
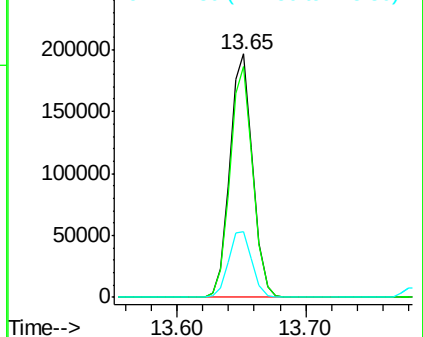
Tot Ion:	180	Resp:	243117
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.7	143.1
145	27.9	14.1	42.4

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:38 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 53.928 ug/l

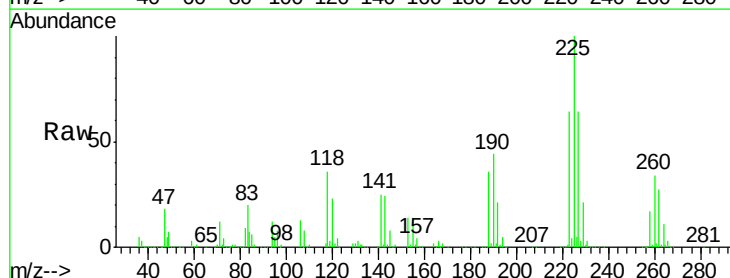
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

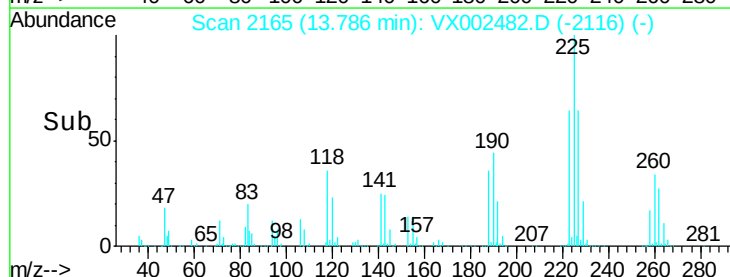
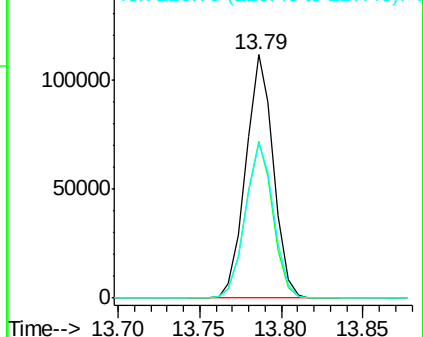
Lab File: VX002482.D

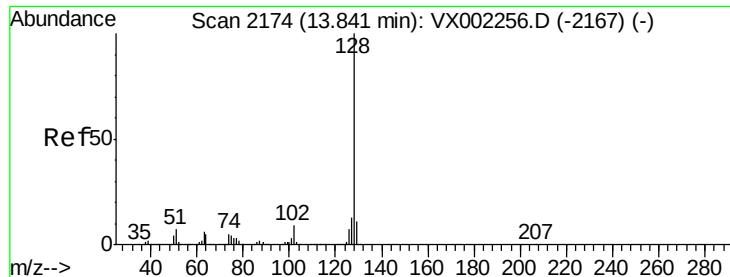
Acq: 12 Jun 2018 22:38

Tgt Ion:	225	Resp:	131084
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.6	95.0
227	64.7	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.273 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

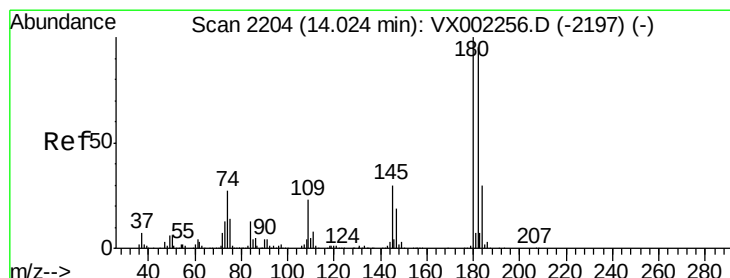
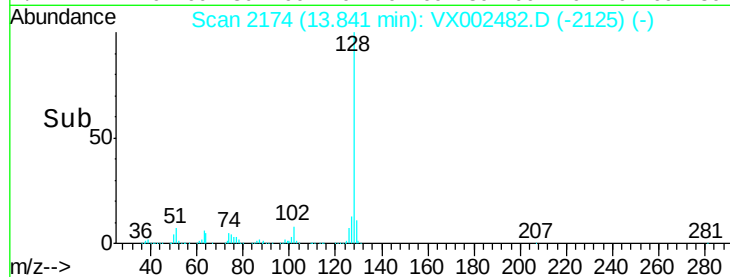
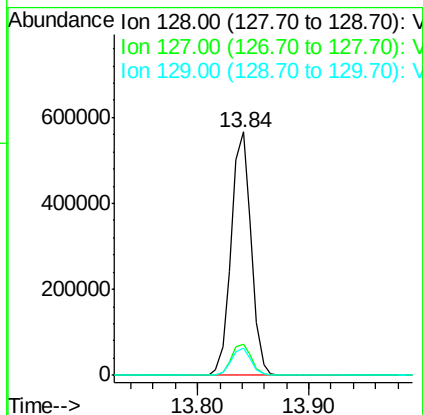
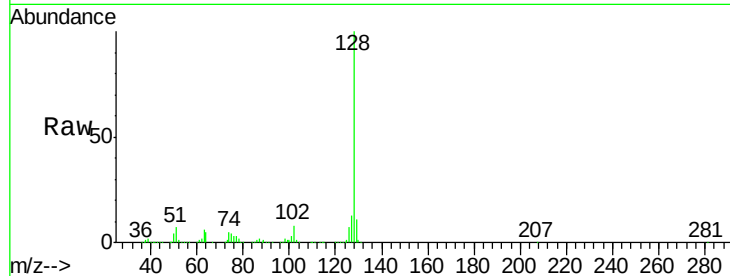
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	696382
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:38 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.226 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:	180	Resp:	246947
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.0	144.0
145	29.7	14.8	44.3

