

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060418\
 Data File : VX002256.D
 Acq On : 04 Jun 2018 11:26
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:02 PM

Quant Time: Jun 05 02:17:08 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 02:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	436396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	264216	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219050	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	5.51	113	168589	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.72	98	659241	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.14	95	255257	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	160943	51.80	ug/l	100
3) Chloromethane	1.32	50	185601	45.40	ug/l	100
4) Vinyl Chloride	1.41	62	193339	49.38	ug/l	100
5) Bromomethane	1.64	94	111929	35.97	ug/l	100
6) Chloroethane	1.72	64	121834	48.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	302875	50.77	ug/l	100
8) Diethyl Ether	2.19	74	109368	45.01	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	168045	52.20	ug/l	100
10) Methyl Iodide	2.51	142	233762	51.62	ug/l	100
11) Tert butyl alcohol	3.08	59	232423	242.69	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153723	48.32	ug/l	100
13) Acrolein	2.30	56	107717	233.51	ug/l	100
14) Allyl chloride	2.73	41	323132	46.80	ug/l	100
15) Acrylonitrile	3.15	53	473956	232.51	ug/l	100
16) Acetone	2.45	43	497779	232.92	ug/l	100
17) Carbon Disulfide	2.57	76	408073	48.66	ug/l	100
18) Methyl Acetate	2.78	43	225472	44.72	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	577220	45.80	ug/l	100
20) Methylene Chloride	2.86	84	173974	40.97	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	164887	47.00	ug/l	100
22) Diisopropyl ether	3.88	45	588106	45.65	ug/l	100
23) Vinyl Acetate	3.83	43	2583103	230.78	ug/l	100
24) 1,1-Dichloroethane	3.70	63	321966	47.18	ug/l	100
25) 2-Butanone	4.71	43	692118	236.19	ug/l	100
26) 2,2-Dichloropropane	4.59	77	253225	47.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	176487	46.25	ug/l	100
28) Bromochloromethane	5.03	49	158831	48.07	ug/l	100
29) Tetrahydrofuran	5.17	42	440736	233.28	ug/l	100
30) Chloroform	5.22	83	308122	46.79	ug/l	100
31) Cyclohexane	5.58	56	278095	51.54	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	277657	49.72	ug/l	100
36) 1,1-Dichloropropene	5.81	75	228737	49.86	ug/l	100
37) Ethyl Acetate	4.87	43	266254	48.26	ug/l	100
38) Carbon Tetrachloride	5.79	117	247086	51.48	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279484	53.45	ug/l	100
40) Benzene	6.15	78	682223	48.50	ug/l	100
41) Methacrylonitrile	5.07	41	150601	47.68	ug/l	100
42) 1,2-Dichloroethane	6.20	62	267643	47.89	ug/l	100
43) Isopropyl Acetate	6.47	43	449074	47.92	ug/l	100
44) Trichloroethene	7.21	130	197429	50.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	183257	48.26	ug/l	100
46) Dibromomethane	7.67	93	120598	46.85	ug/l	100
47) Bromodichloromethane	7.90	83	232344	49.90	ug/l	100
48) Methyl methacrylate	7.78	41	230674	49.00	ug/l	100
49) 1,4-Dioxane	7.76	88	86645	984.44	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1435007	245.89	ug/l	100
52) Toluene	8.79	92	443818	49.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	283543	50.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	270279	51.31	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	178771	48.58	ug/l	100
56) Ethyl methacrylate	9.18	69	284085	48.36	ug/l	100
57) 1,3-Dichloropropane	9.38	76	296911	48.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	673596	247.73	ug/l	100
59) 2-Hexanone	9.50	43	1127238	250.07	ug/l	100
60) Dibromochloromethane	9.59	129	192410	51.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	191256	49.85	ug/l	100
64) Tetrachloroethene	9.34	164	218599	50.88	ug/l	100
65) Chlorobenzene	10.14	112	507987	49.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	187356	49.92	ug/l	100
67) Ethyl Benzene	10.26	91	878999	50.67	ug/l	100
68) m/p-Xylenes	10.37	106	685113	101.60	ug/l	100
69) o-Xylene	10.70	106	335127	49.94	ug/l	100
70) Styrene	10.71	104	562860	51.31	ug/l	100
71) Bromoform	10.86	173	152504	51.25	ug/l	100
73) Isopropylbenzene	11.02	105	907774	49.39	ug/l	100
74) N-amyl acetate	6.47	43	449074	45.34	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	263702	45.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	274084m	51.71	ug/l	
77) Bromobenzene	11.26	156	244882	47.46	ug/l	100
78) n-propylbenzene	11.37	91	1045828	51.19	ug/l	100
79) 2-Chlorotoluene	11.43	91	614070	47.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	777836	49.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	82348	49.79	ug/l	100
82) 4-Chlorotoluene	11.51	91	733201	49.24	ug/l	100
83) tert-Butylbenzene	11.77	119	756289	49.26	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	803607	49.52	ug/l	100
85) sec-Butylbenzene	11.95	105	936153	52.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	853424	52.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	447835	48.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	450381	47.36	ug/l	100
89) n-Butylbenzene	12.39	91	745868	54.25	ug/l	100
90) Hexachloroethane	12.60	117	133040	50.84	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	459083	48.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	64144	50.74	ug/l	100

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QLast Update : Tue Jun 05 02:06:17 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	336000	50.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	178136	53.86	ug/l	100
95) Naphthalene	13.84	128	968040	50.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	341830	50.07	ug/l	100

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

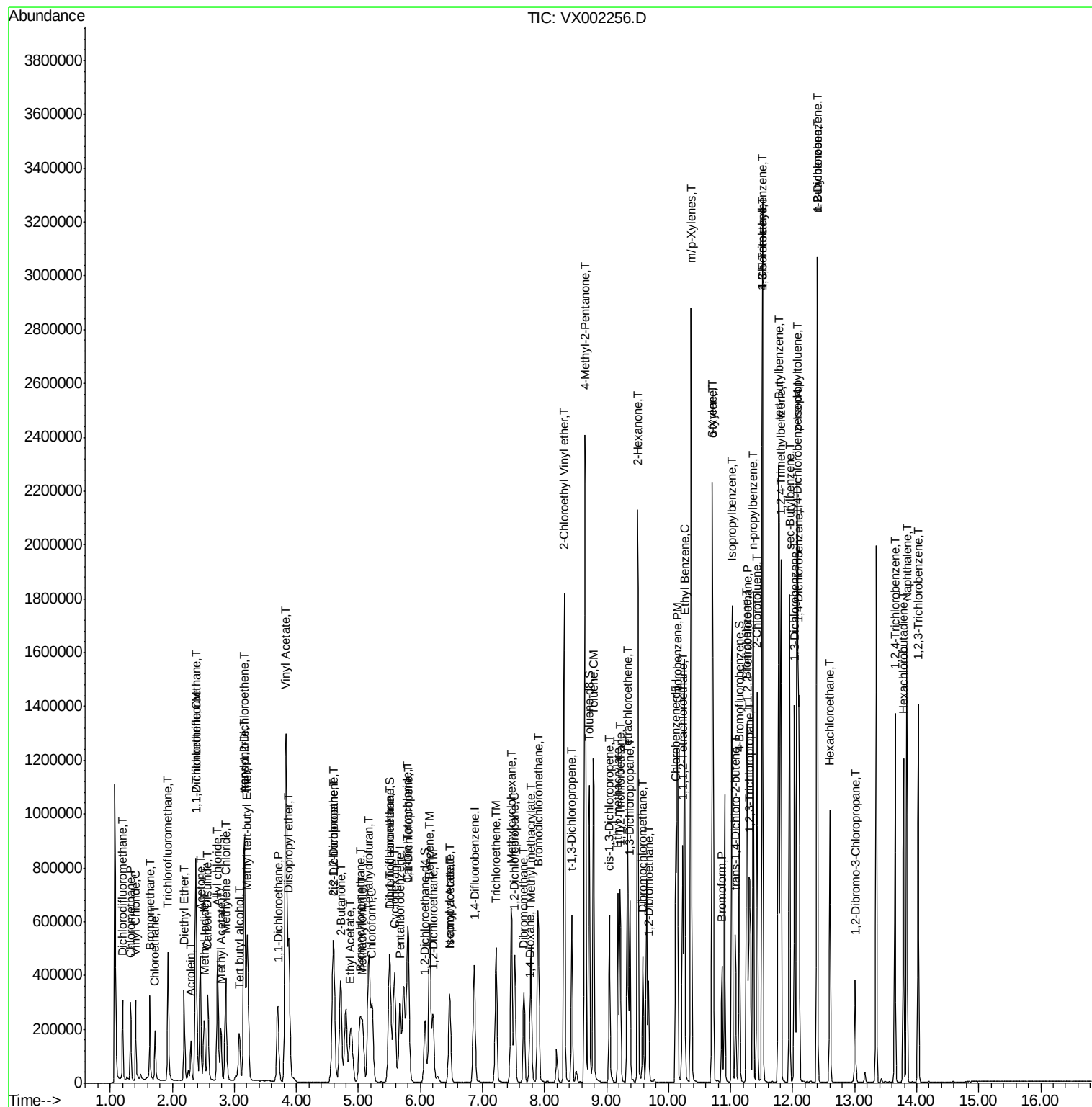
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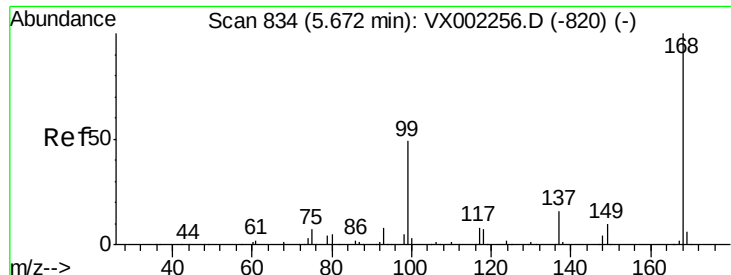
Instrument :
 MSVOA_X
 Client Sample Id :
 VSTDICCC050

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 298858

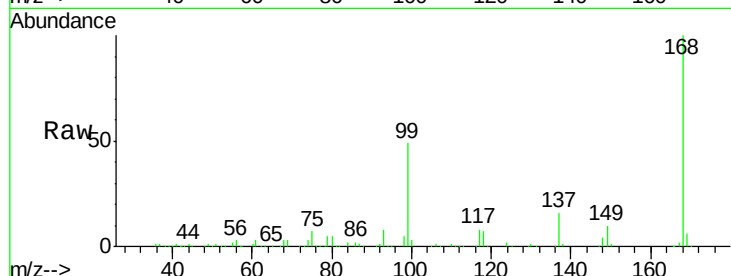
Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9

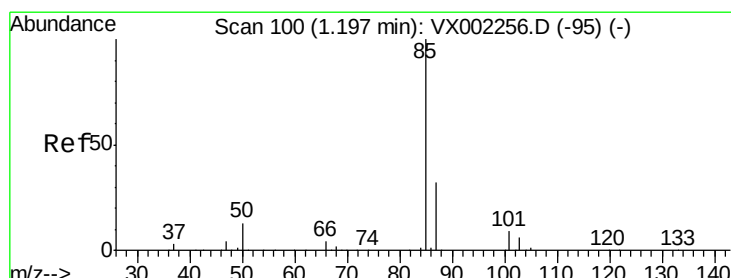
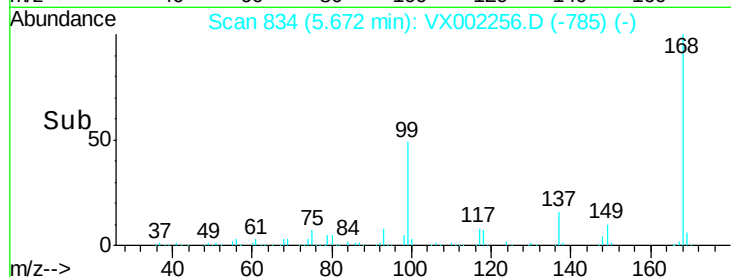
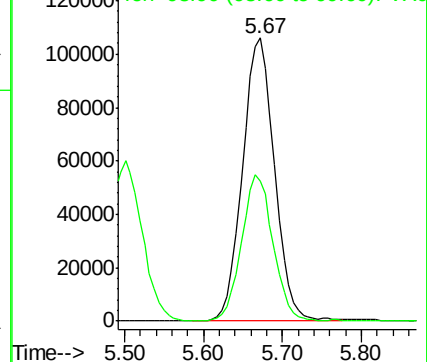
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.80 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002256.D

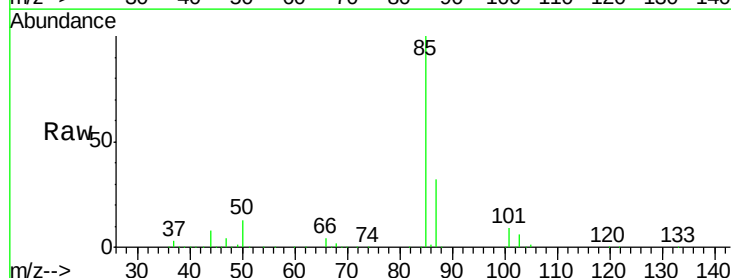
Acq: 04 Jun 2018 11:26

Tgt Ion: 85 Resp: 160943

Ion Ratio Lower Upper

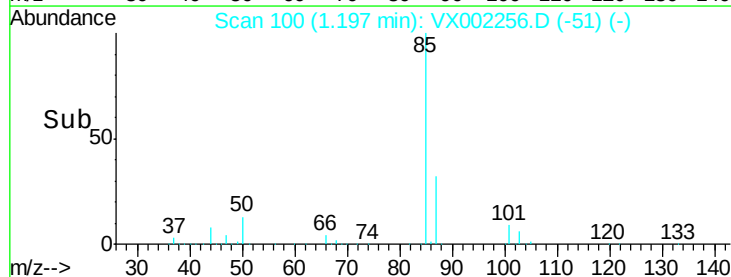
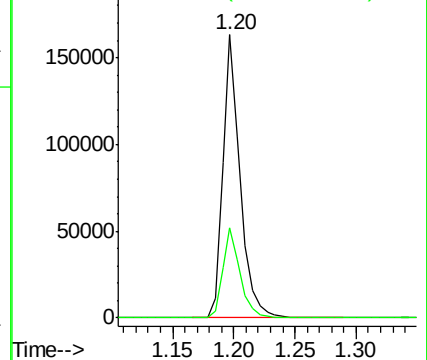
85 100

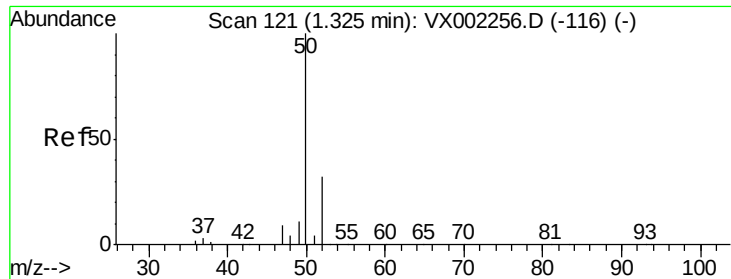
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





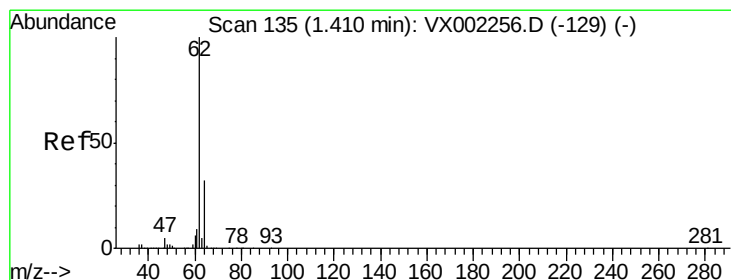
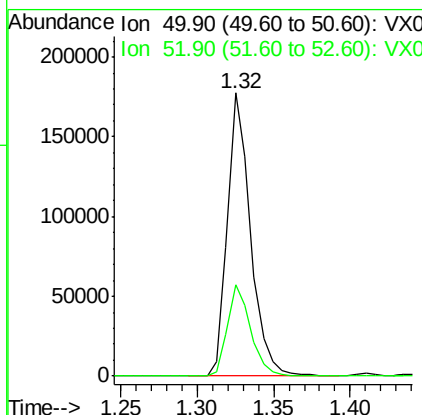
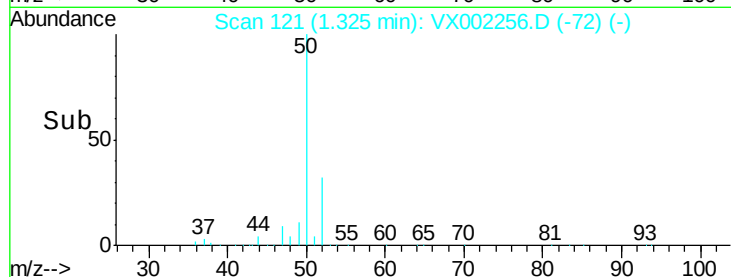
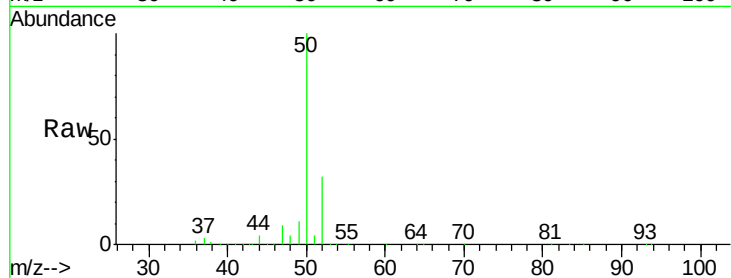
#3
Chloromethane
Concen: 45.40 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.7	38.5

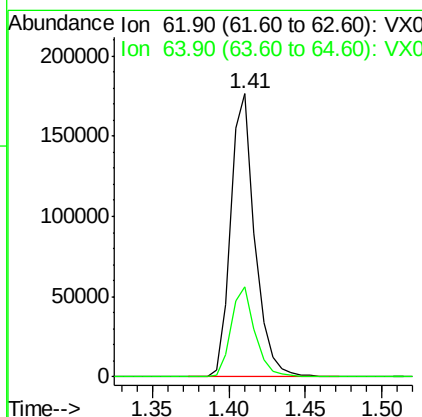
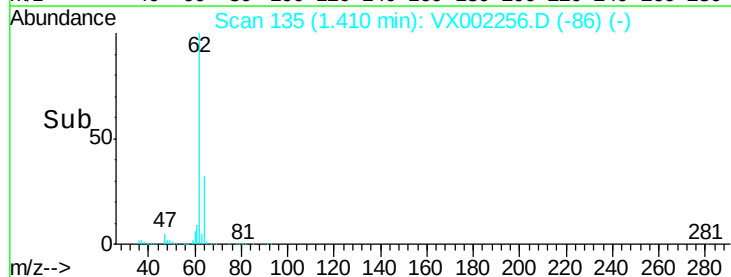
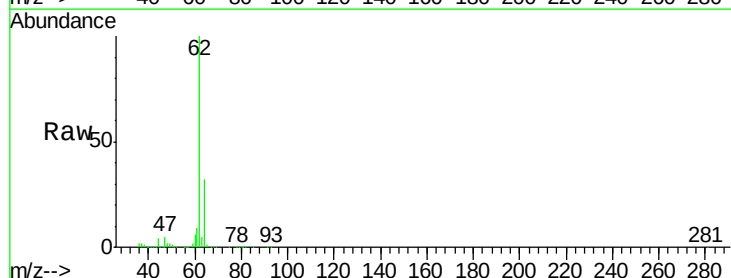
Manual Integrations
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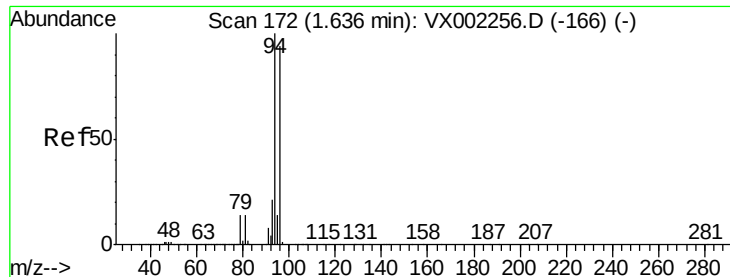
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#4
Vinyl Chloride
Concen: 49.38 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2





#5

Bromomethane

Concen: 35.97 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 111929

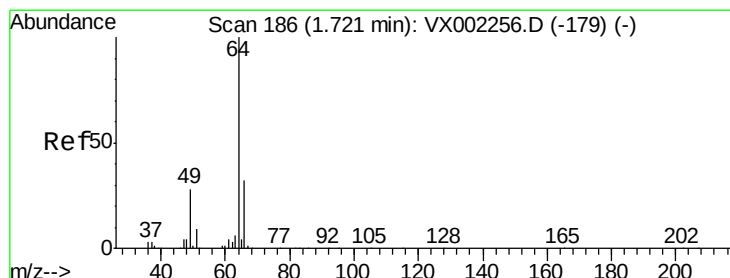
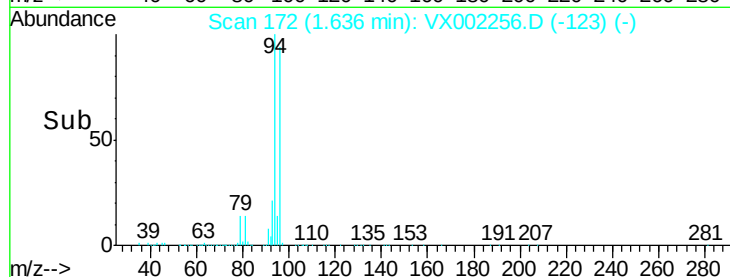
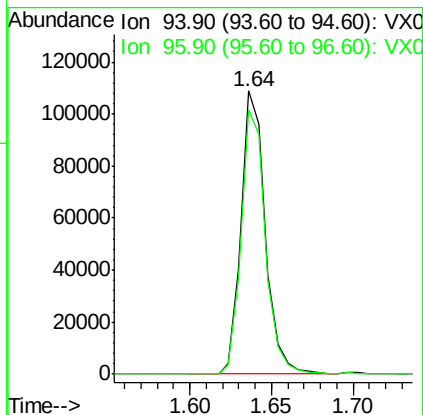
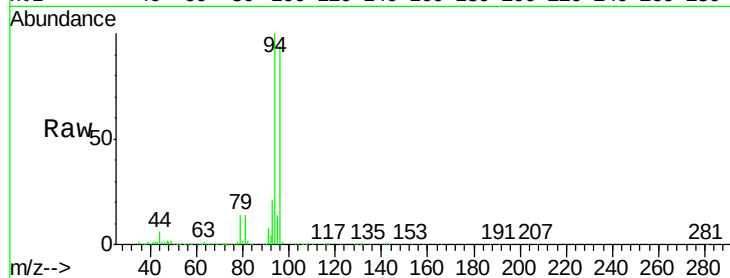
Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3

Manual Integrations
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#6

Chloroethane

Concen: 48.10 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002256.D

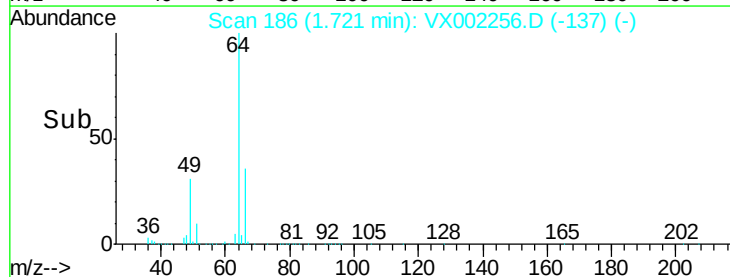
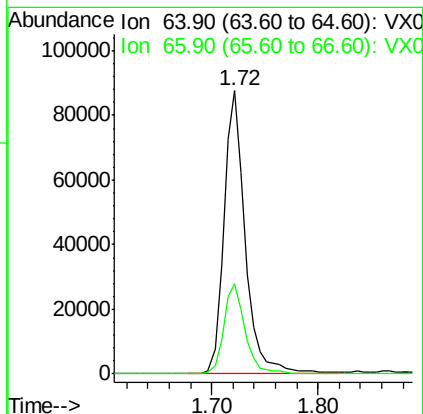
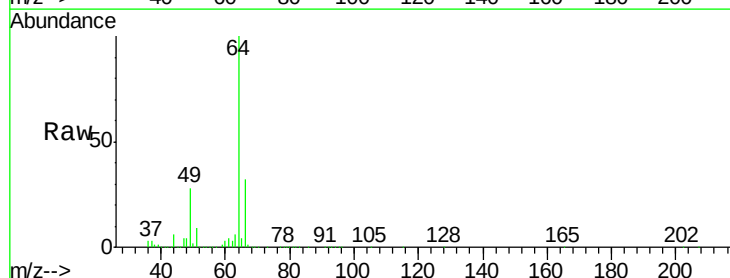
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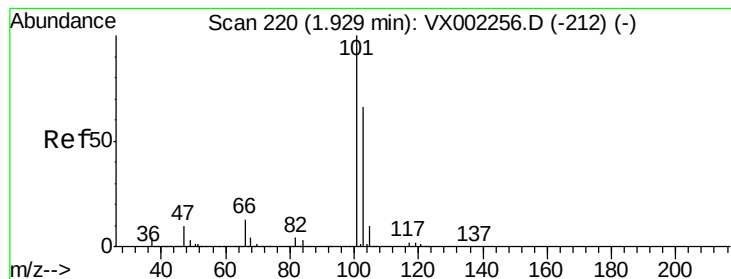
Tgt Ion: 64 Resp: 121834

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





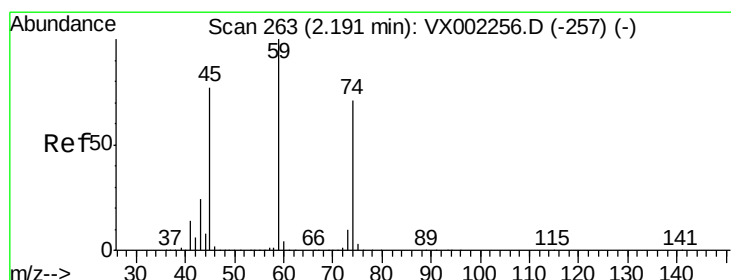
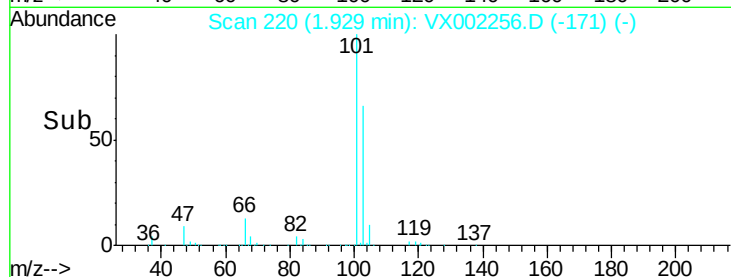
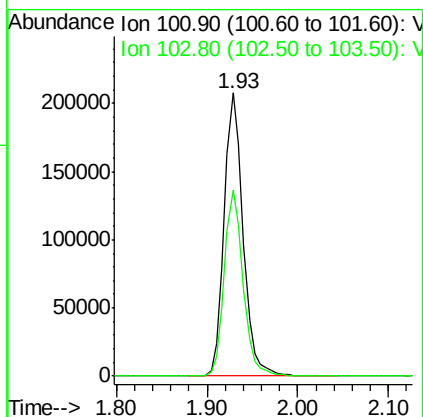
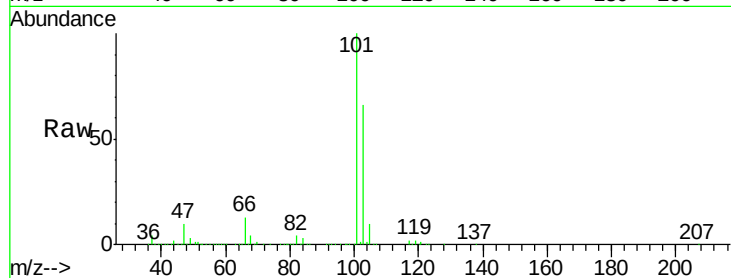
#7
 Trichlorofluoromethane
 Concen: 50.77 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.8	79.2

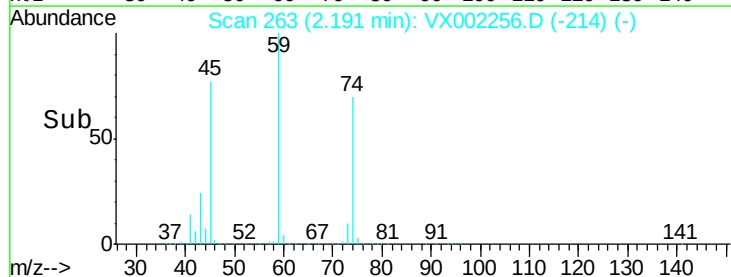
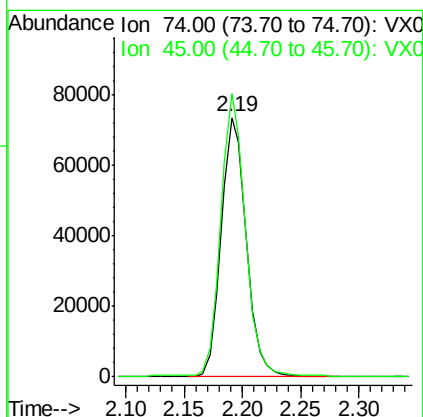
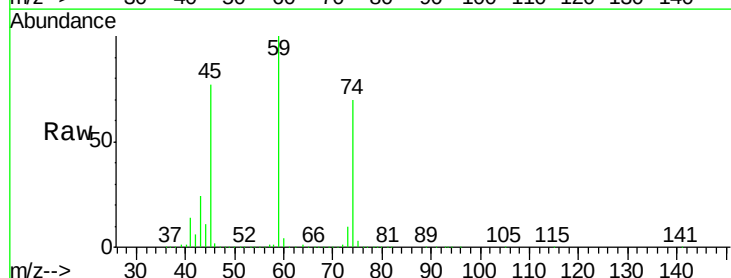
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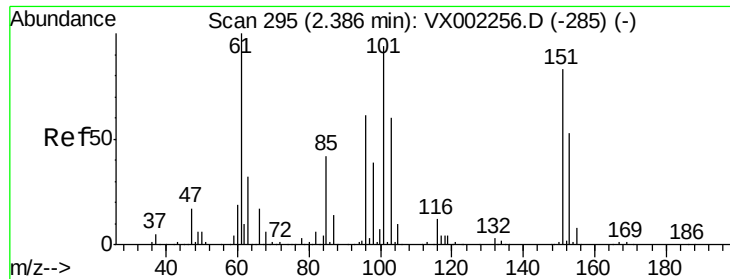
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#8
 Diethyl Ether
 Concen: 45.01 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.20 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

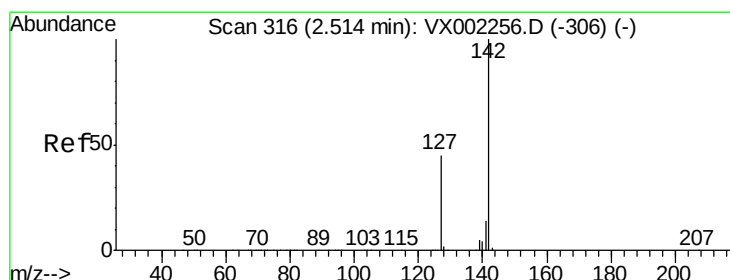
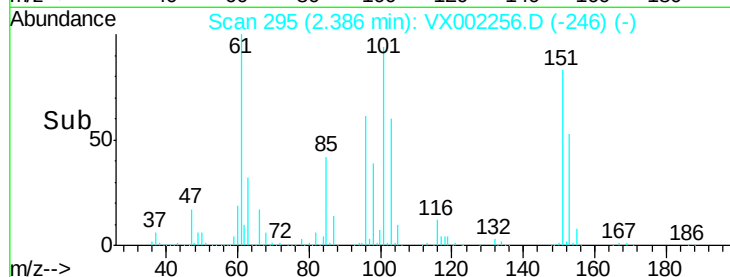
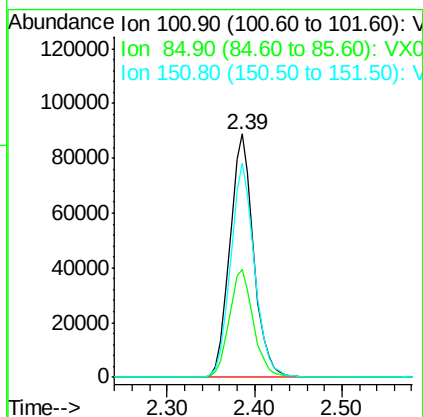
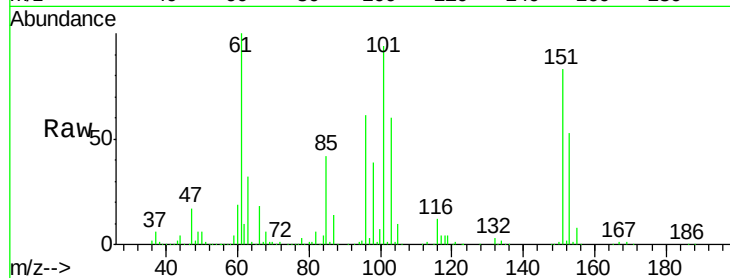
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	168045
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	88.6	70.9	106.3

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#10

Methyl Iodide

Concen: 51.62 ug/l

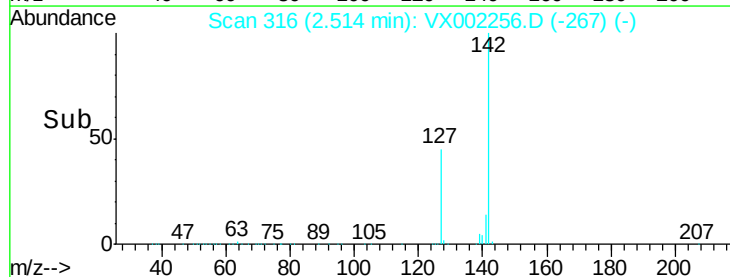
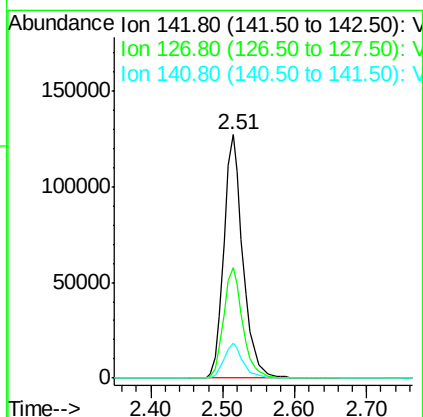
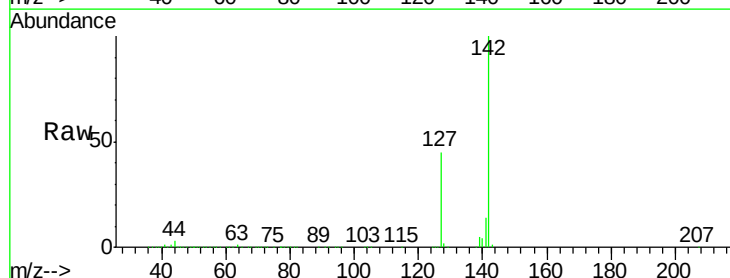
RT: 2.51 min Scan# 316

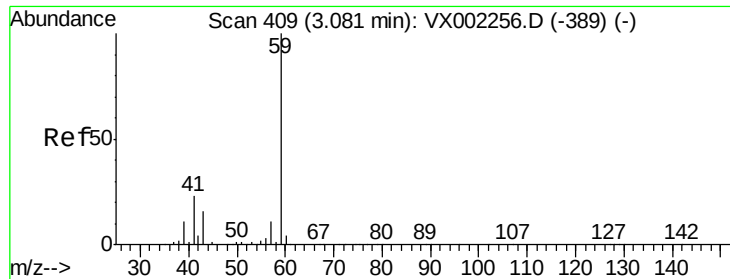
Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion:	142	Resp:	233762
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.6	55.0
141	14.1	11.3	16.9





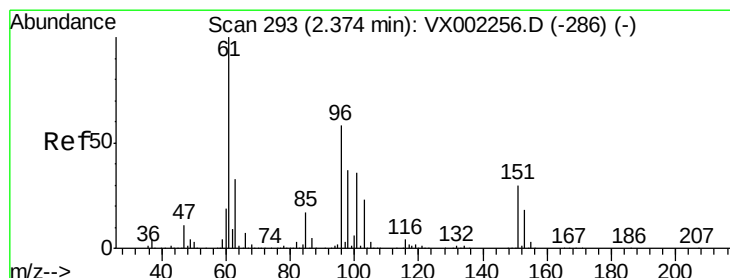
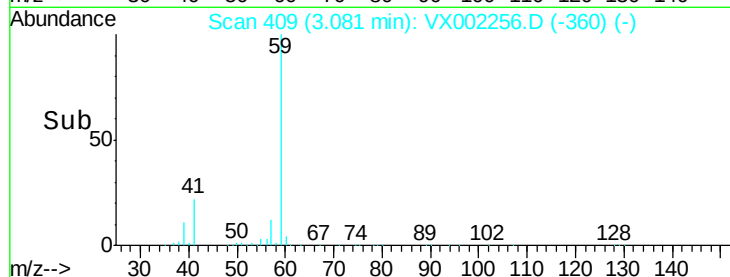
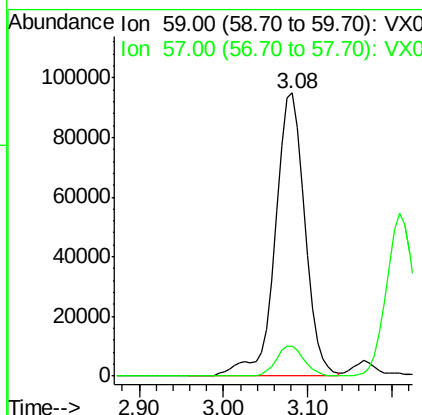
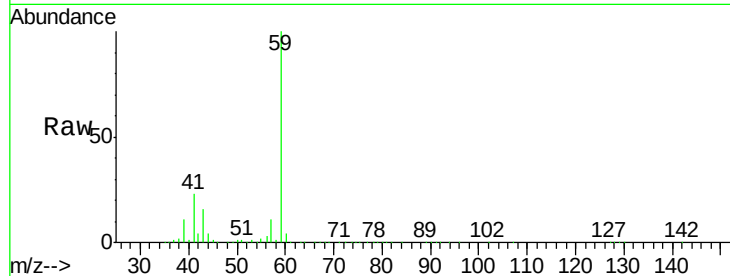
#11
Tert butyl alcohol
Concen: 242.69 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

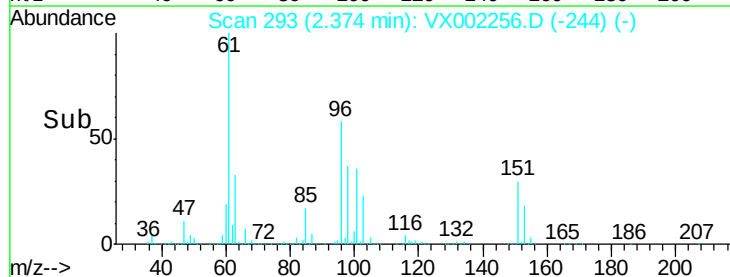
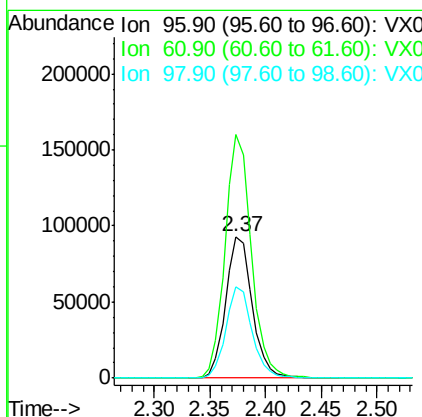
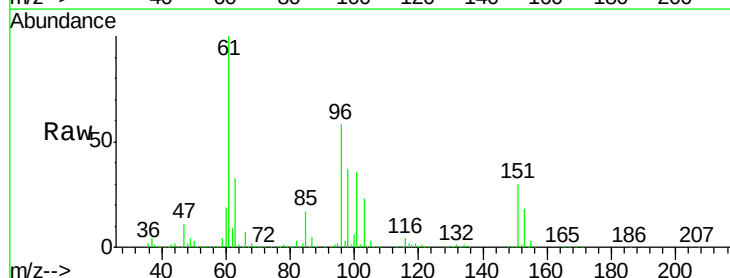
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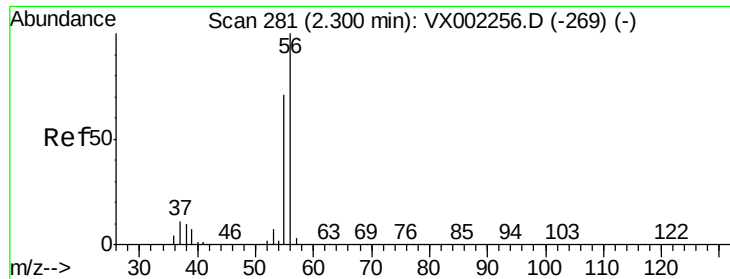
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.32 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.4	137.9	206.9
98	64.5	51.6	77.4





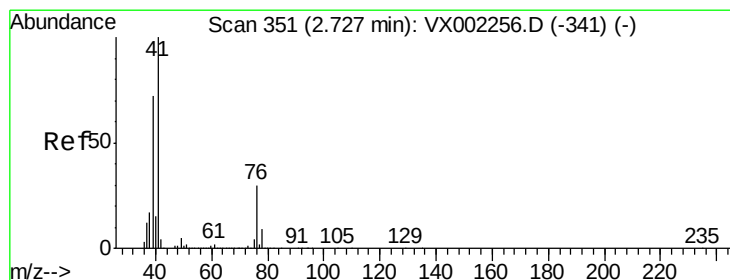
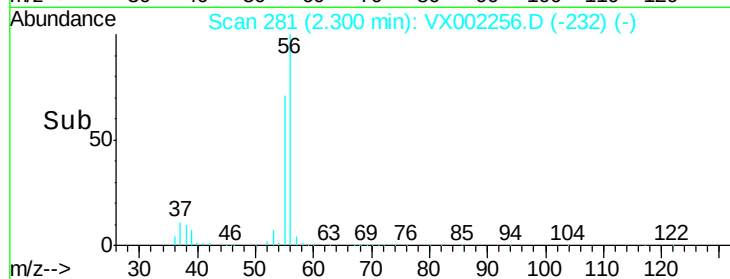
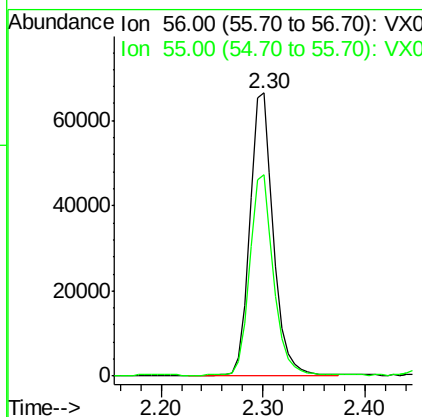
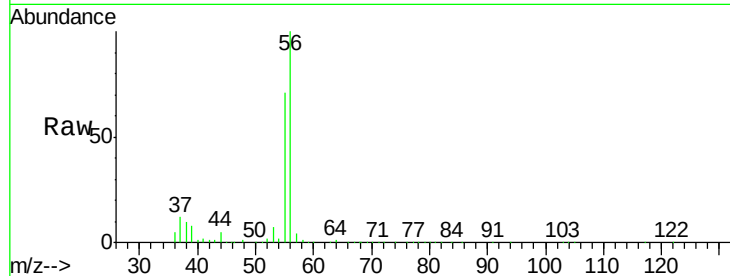
#13
Acrolein
Concen: 233.51 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.0	85.4

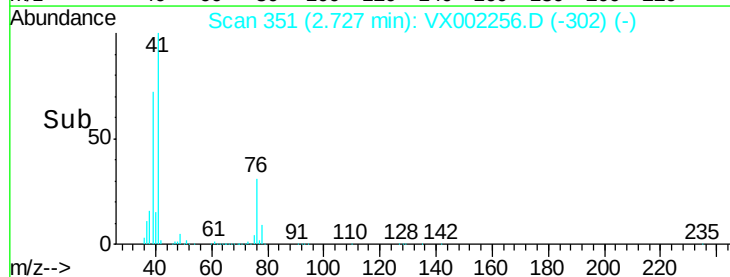
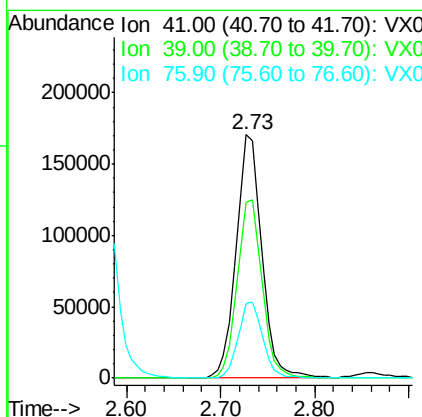
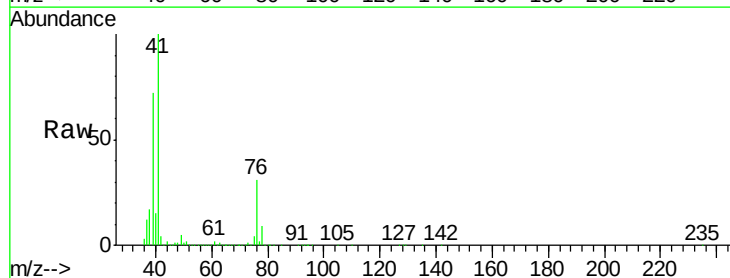
Manual Integrations
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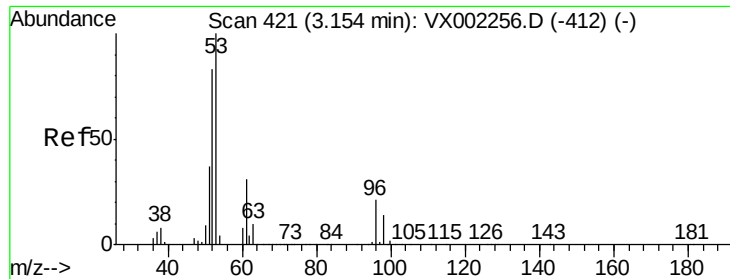
MMDadoda
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#14
Allyl chloride
Concen: 46.80 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.0	56.8	85.2
76	29.8	23.8	35.8





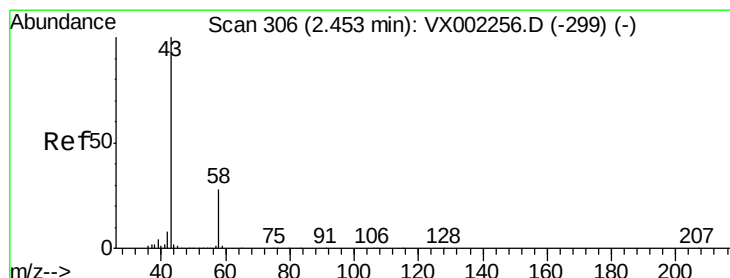
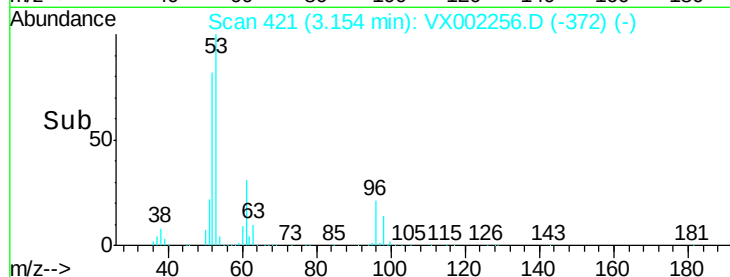
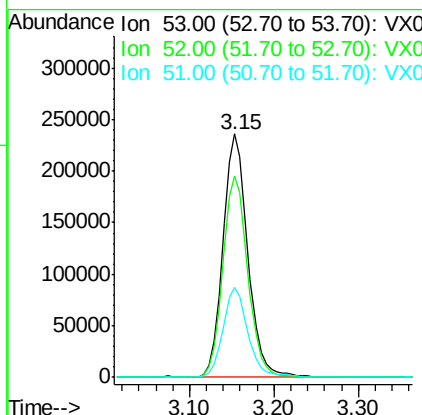
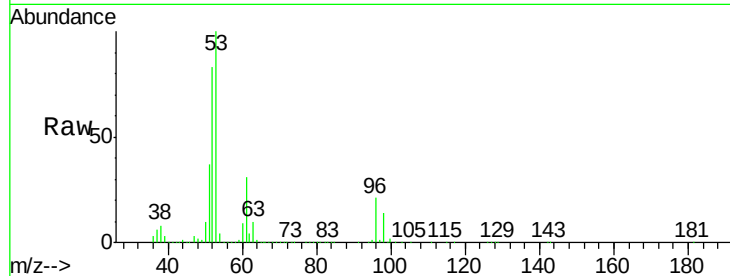
#15
 Acrylonitrile
 Concen: 232.51 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	37.4	29.9	44.9

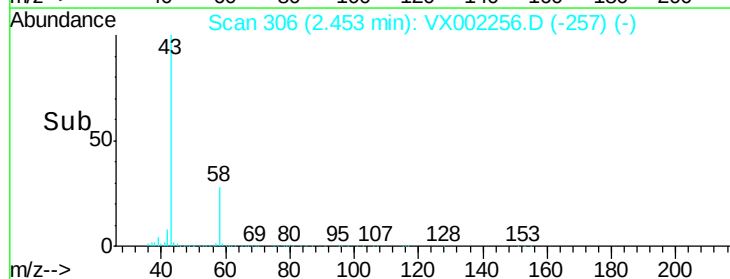
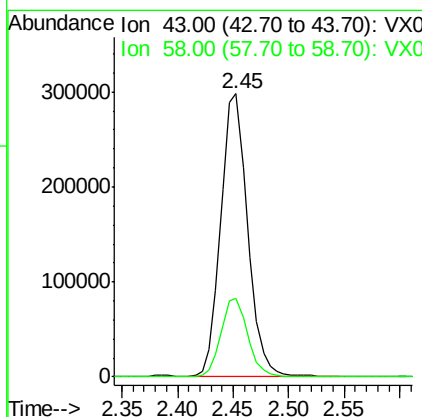
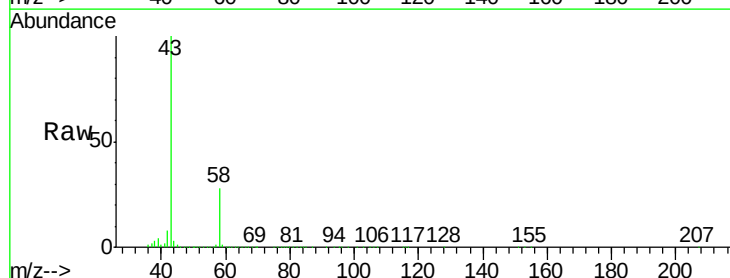
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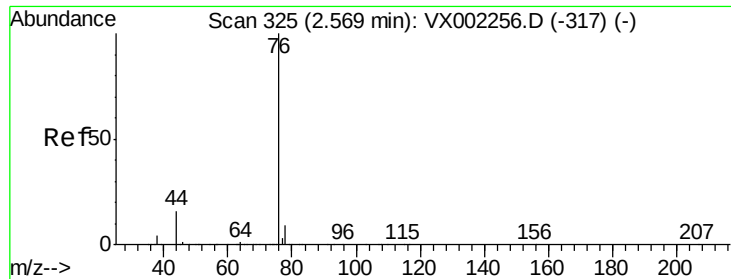
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#16
 Acetone
 Concen: 232.92 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1





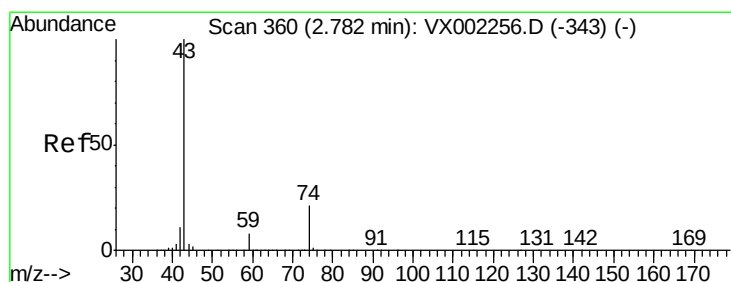
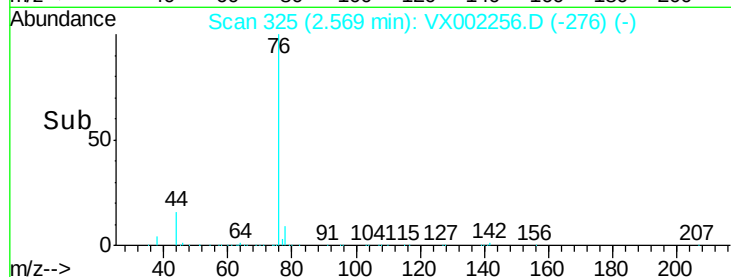
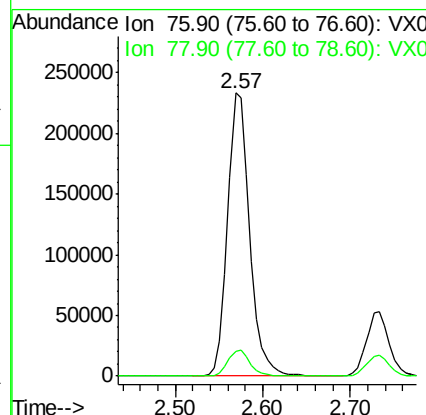
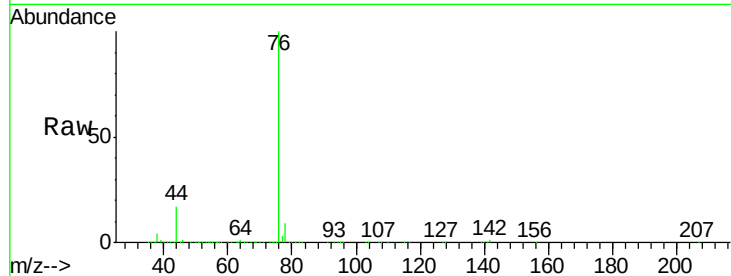
#17
Carbon Disulfide
Concen: 48.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

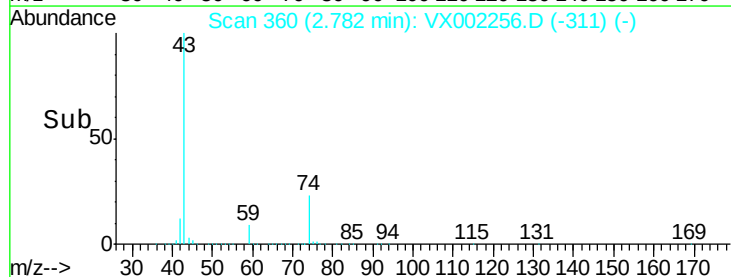
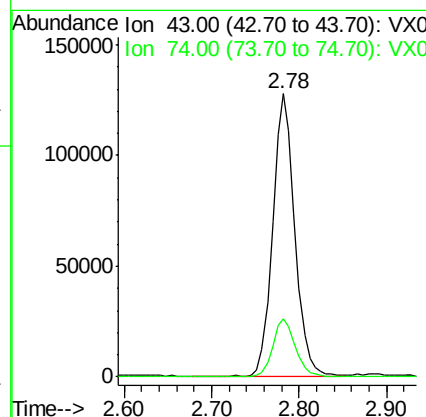
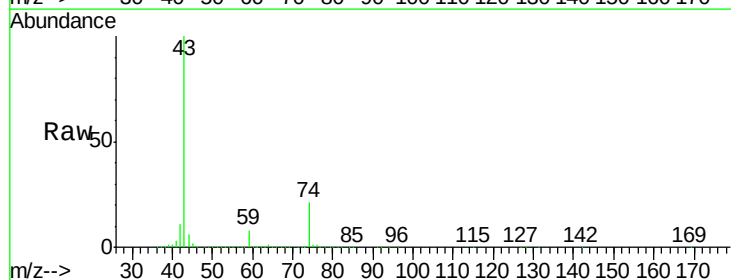
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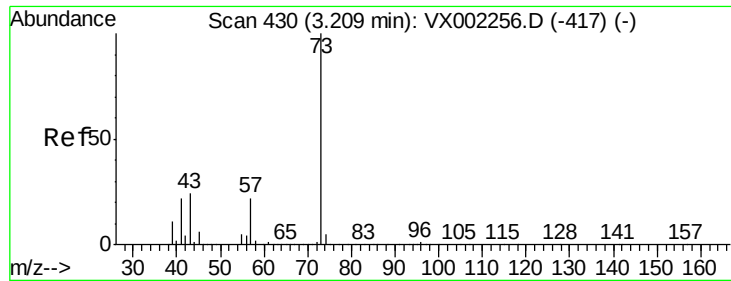
MMDadoda
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#18
Methyl Acetate
Concen: 44.72 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1





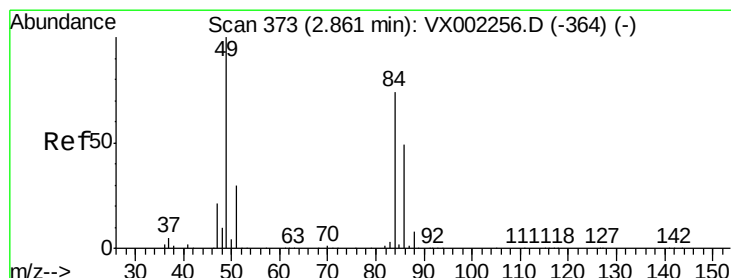
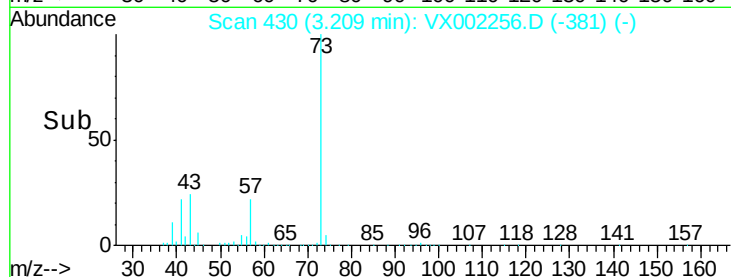
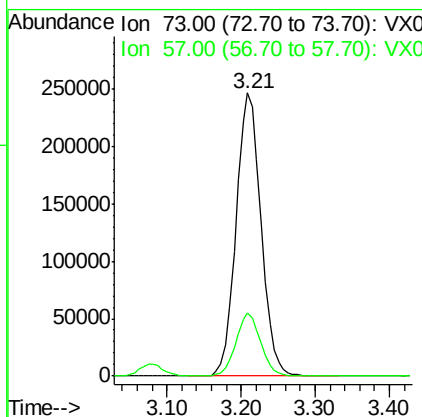
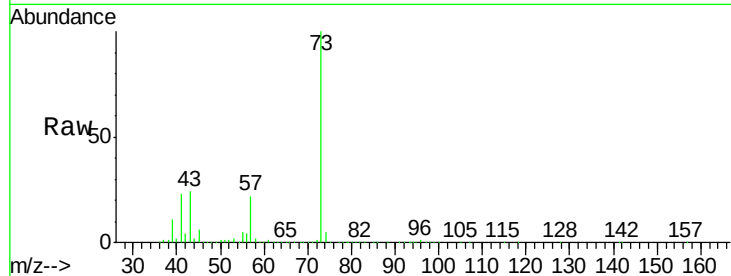
#19
Methyl tert-butyl Ether
Concen: 45.80 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 73 Resp: 577220
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

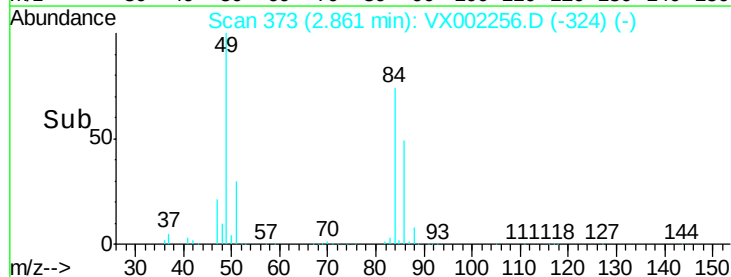
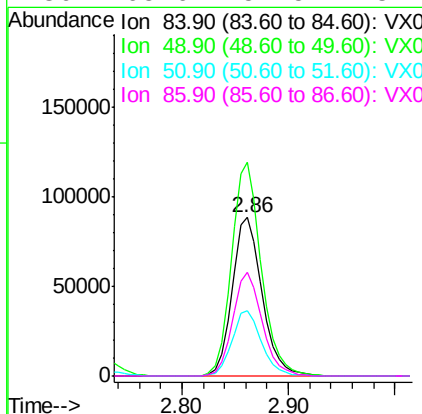
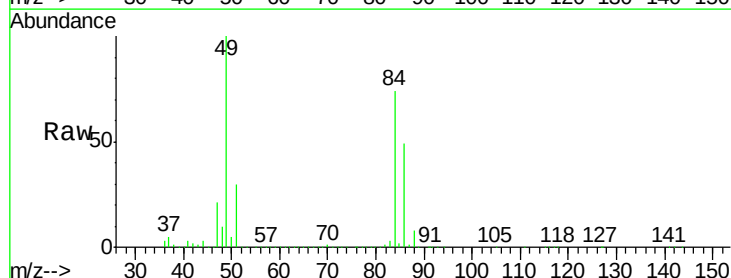
Manual Integrations
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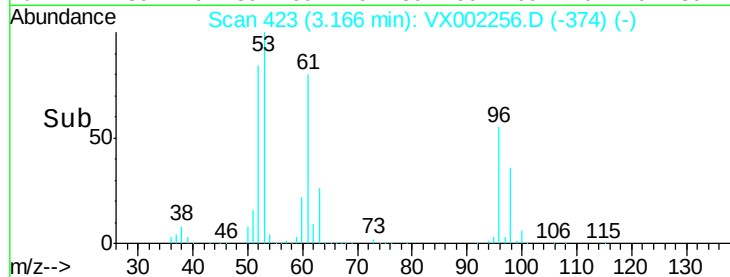
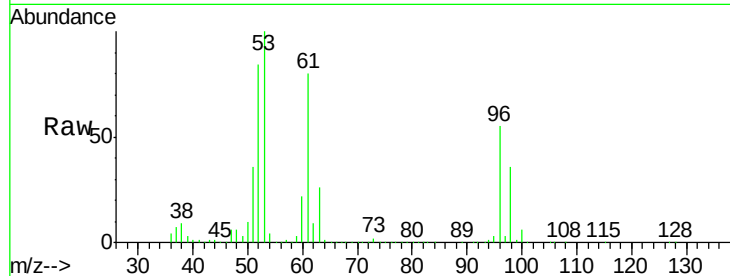
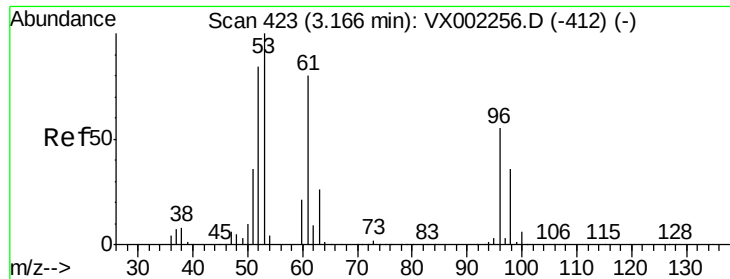
MMDadoda
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#20
Methylene Chloride
Concen: 40.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 84 Resp: 173974
Ion Ratio Lower Upper
84 100
49 134.7 107.8 161.6
51 41.0 32.8 49.2
86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.00 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002256.D

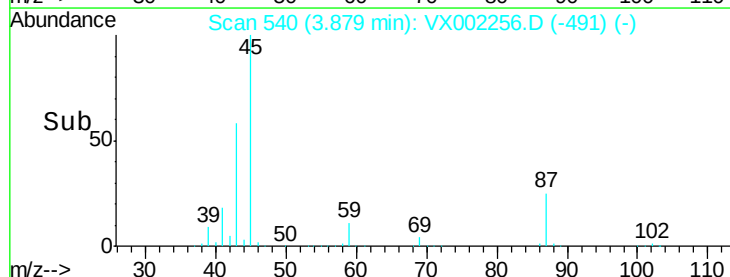
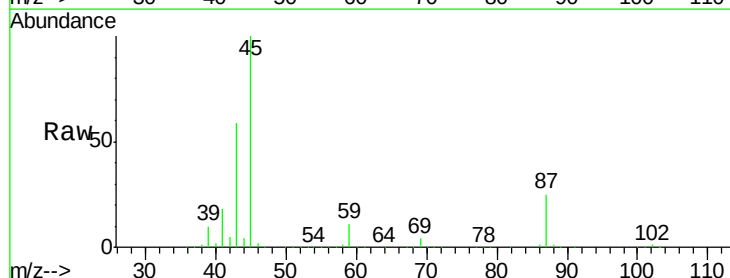
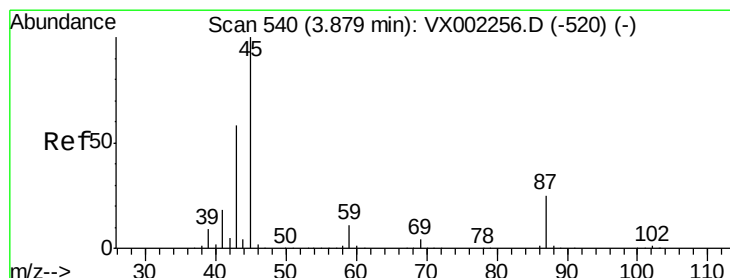
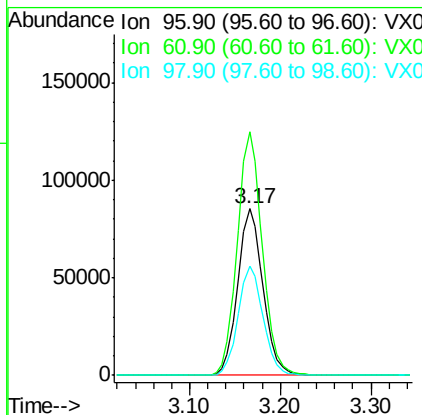
Acq: 04 Jun 2018 11:26

Tot Ion:	96	Resp:	164887
Ion	Ratio	Lower	Upper
96	100		
61	146.2	117.0	175.4
98	65.5	52.4	78.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.65 ug/l

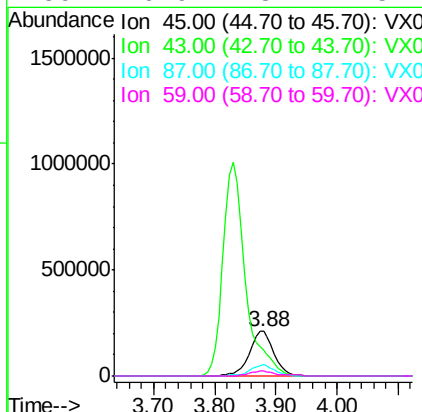
RT: 3.88 min Scan# 540

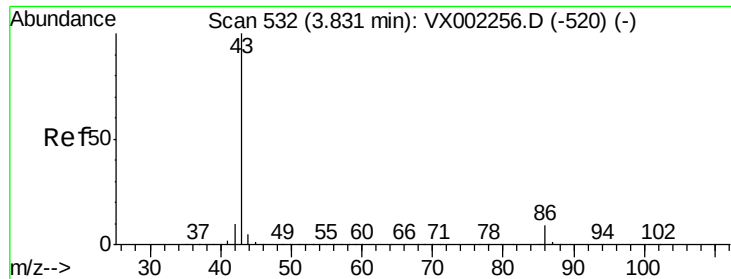
Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion:	45	Resp:	588106
Ion	Ratio	Lower	Upper
45	100		
43	58.5	46.8	70.2
87	25.3	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 230.78 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2583103

Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.4	11.0

43 100

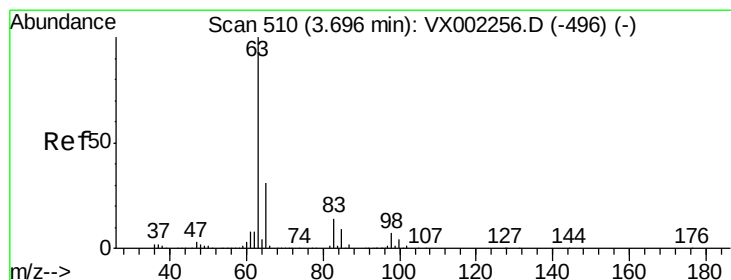
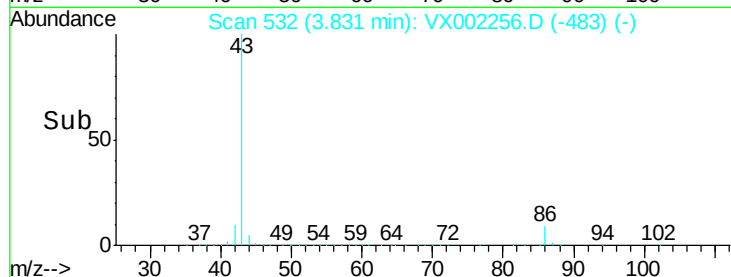
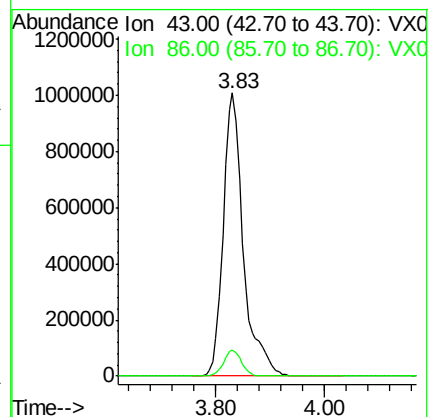
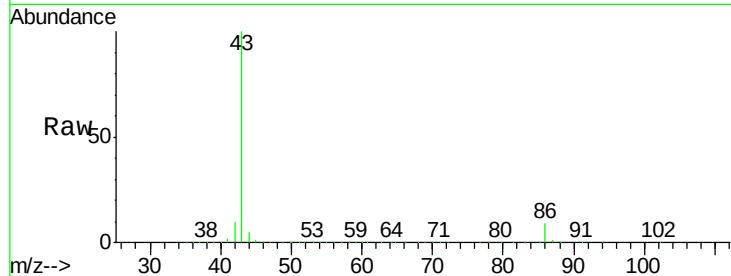
86 9.2 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.18 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

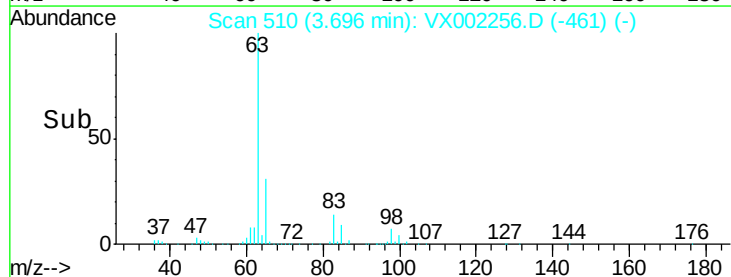
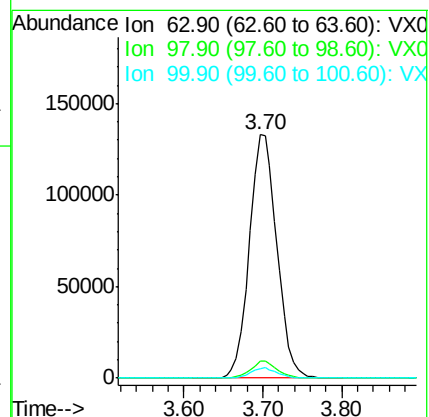
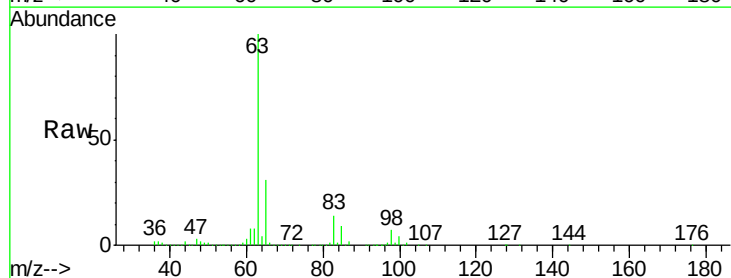
Tgt Ion: 63 Resp: 321966

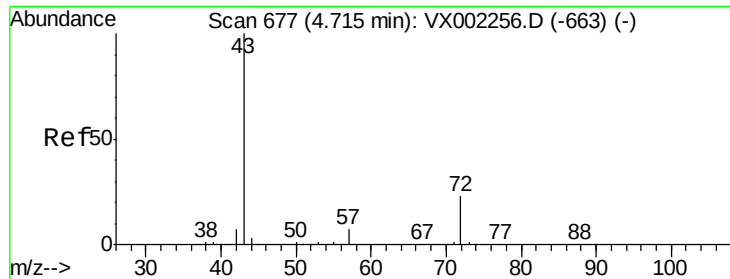
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.0	2.0	6.0

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 236.19 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 692118

Ion Ratio Lower Upper

43 100

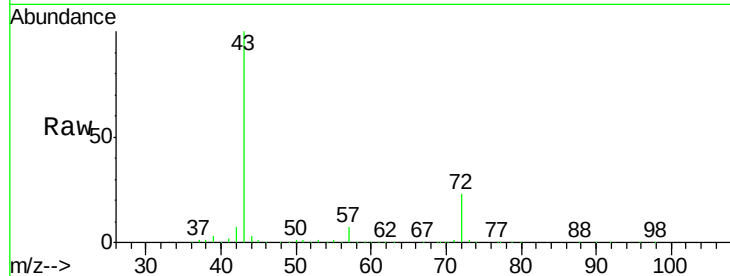
72 23.1 18.5 27.7

Manual Integrations

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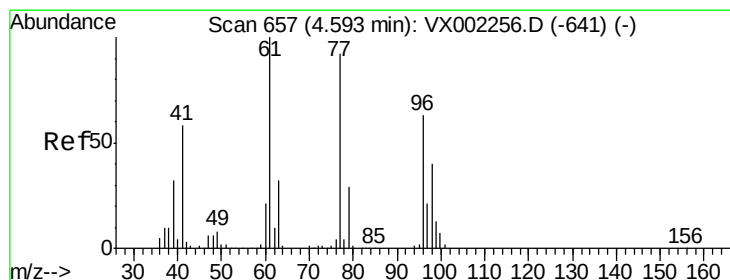
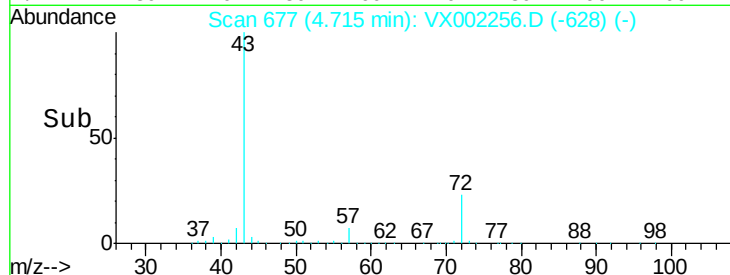
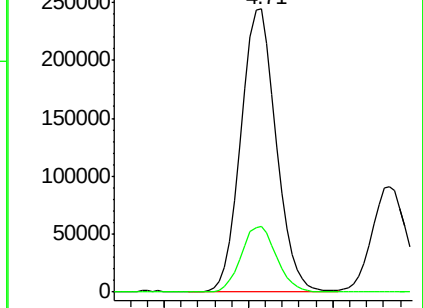
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX002256.D

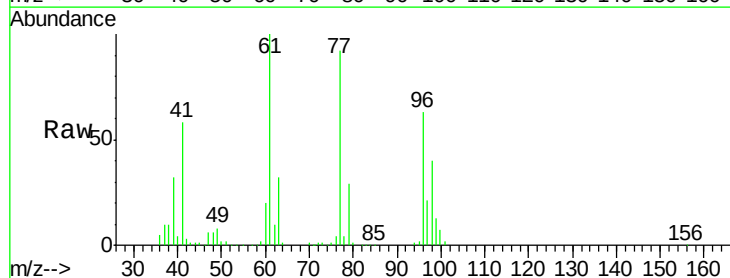
Acq: 04 Jun 2018 11:26

Tgt Ion: 77 Resp: 253225

Ion Ratio Lower Upper

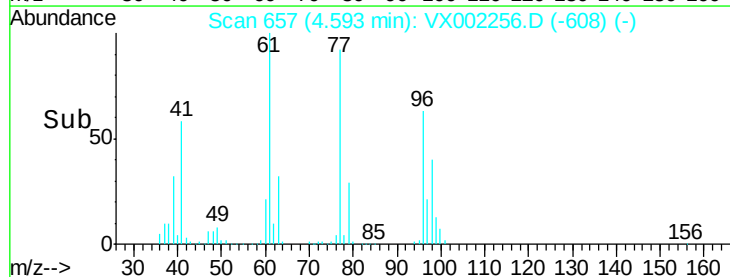
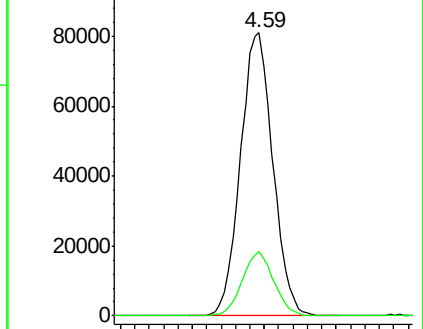
77 100

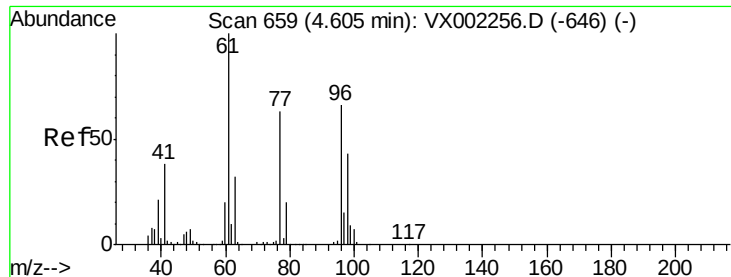
97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.25 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

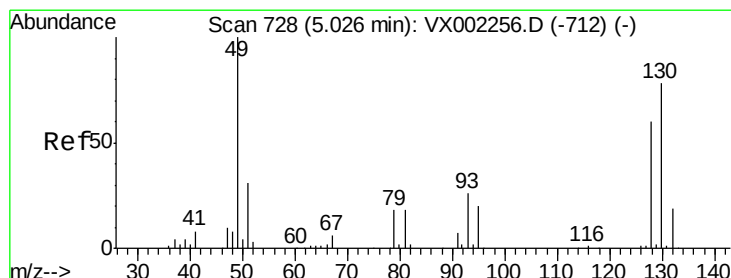
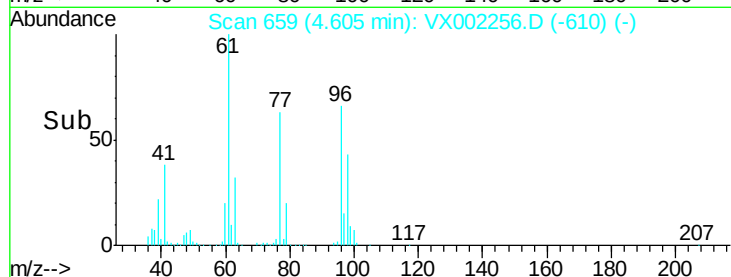
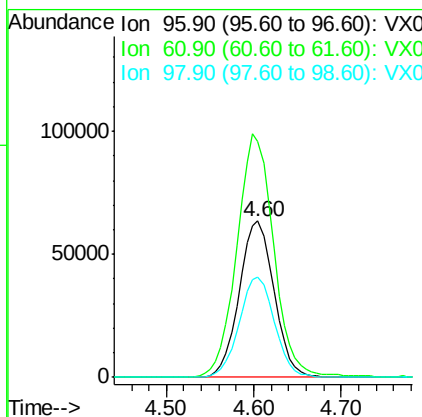
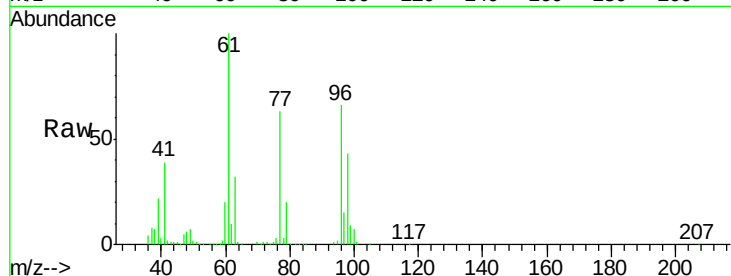
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	176487
Ion Ratio	Lower	Upper	
96	100		
61	165.1	0.0	330.2
98	65.1	0.0	130.2

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:02 PM



#28

Bromochloromethane

Concen: 48.07 ug/l

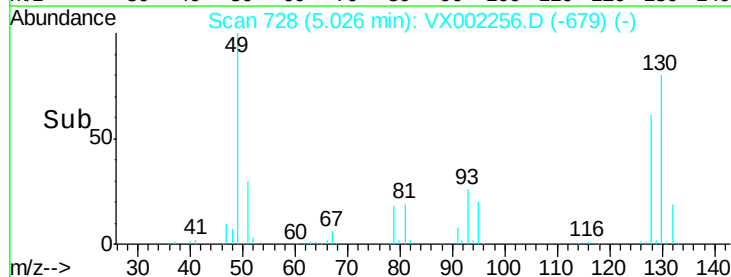
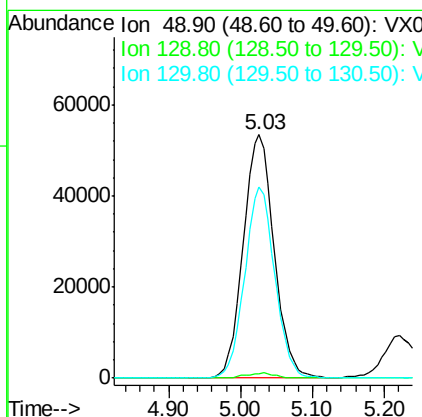
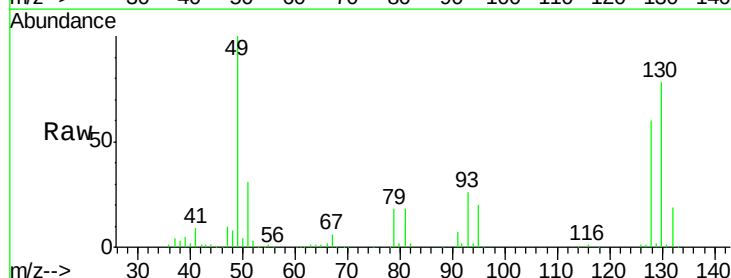
RT: 5.03 min Scan# 728

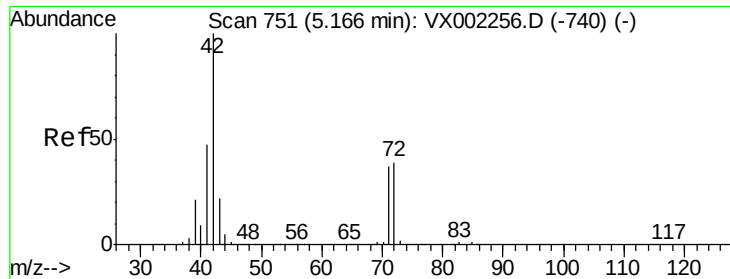
Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion:	49	Resp:	158831
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.2
130	76.5	61.2	91.8





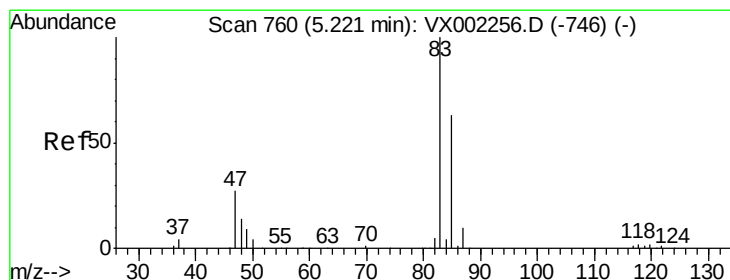
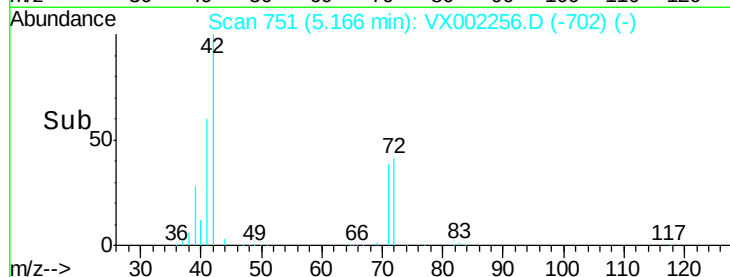
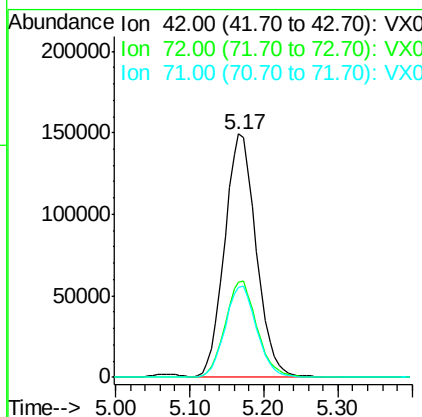
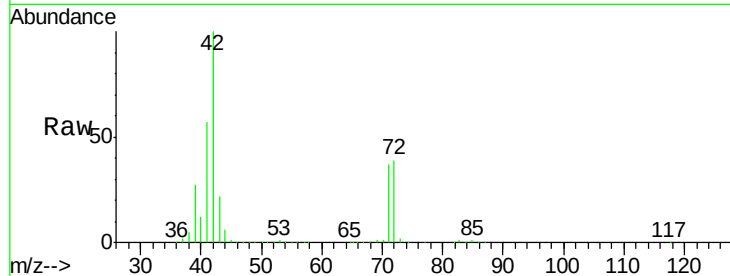
#29
Tetrahydrofuran
Concen: 233.28 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	37.6	30.1	45.1

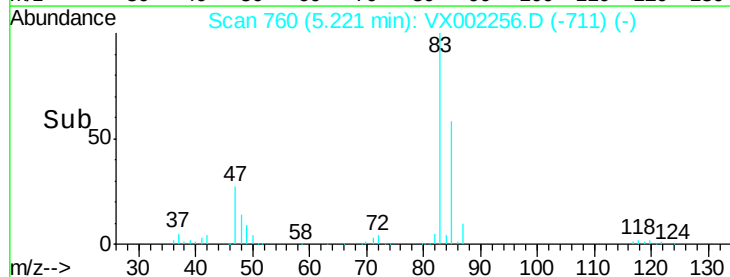
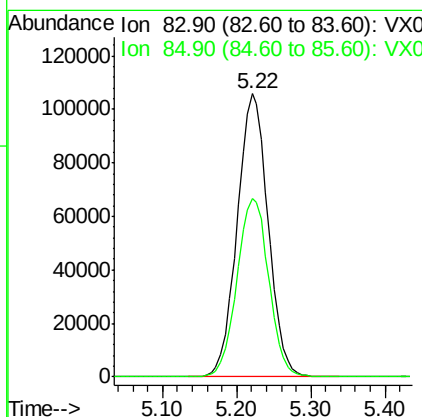
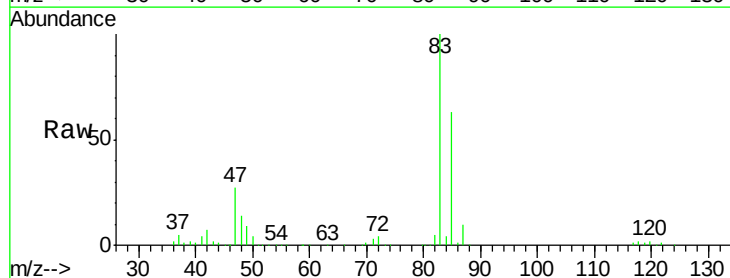
Manual Integrations
APPROVED

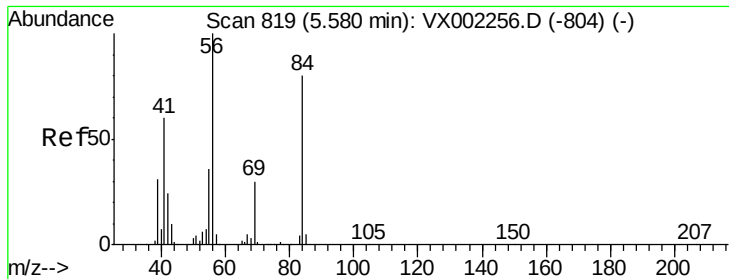
MMDadoda
6/5/2018 5:56:02 PM



#30
Chloroform
Concen: 46.79 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.4	75.6





#31

Cyclohexane

Concen: 51.54 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

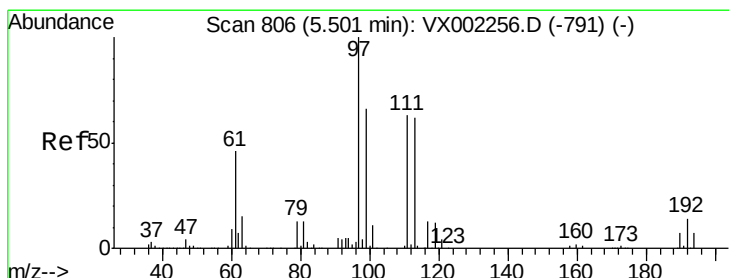
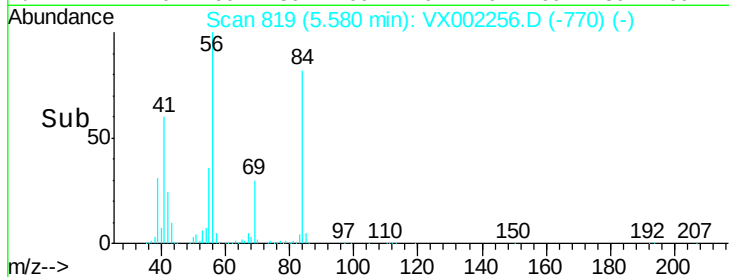
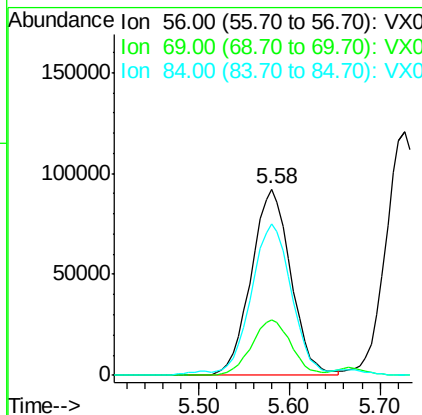
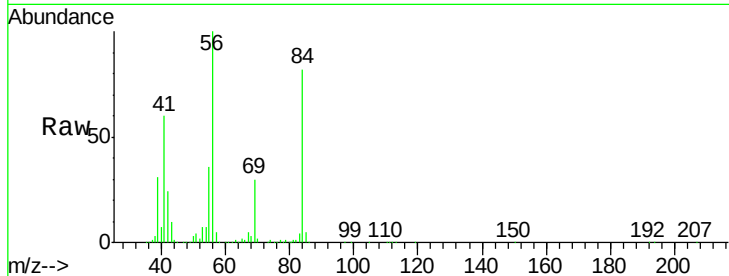
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.7	35.5
84	80.1	64.1	96.1

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:02 PM



#32

1,1,1-Trichloroethane

Concen: 49.72 ug/l

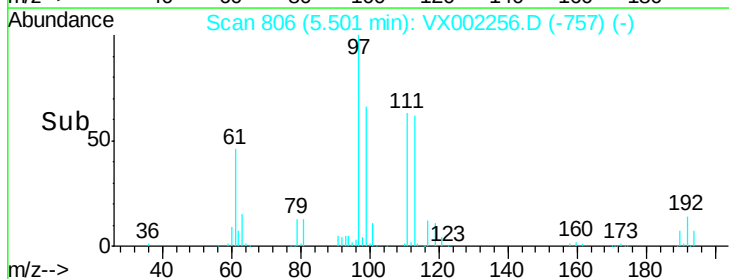
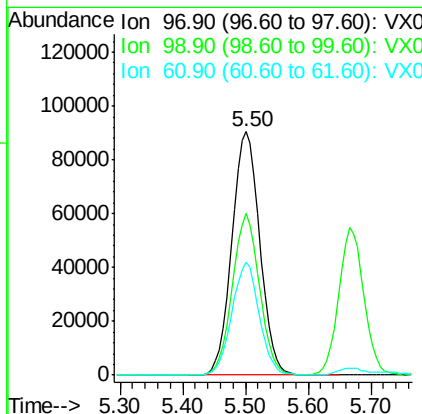
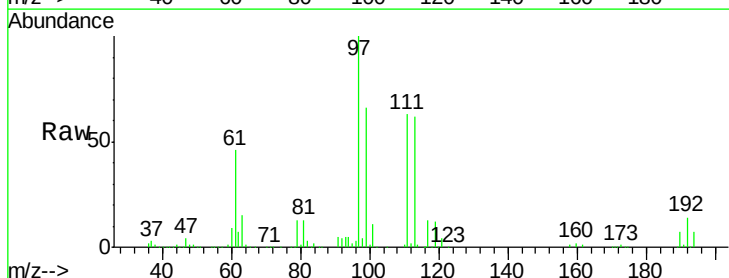
RT: 5.50 min Scan# 806

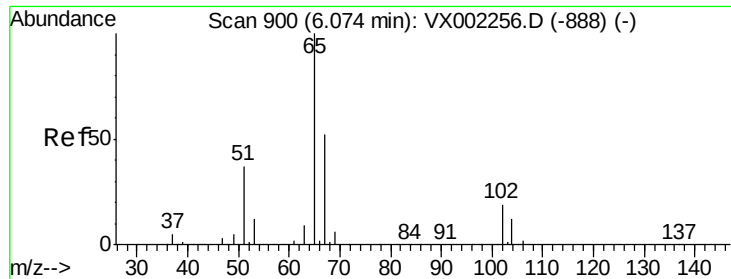
Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	45.5	36.4	54.6





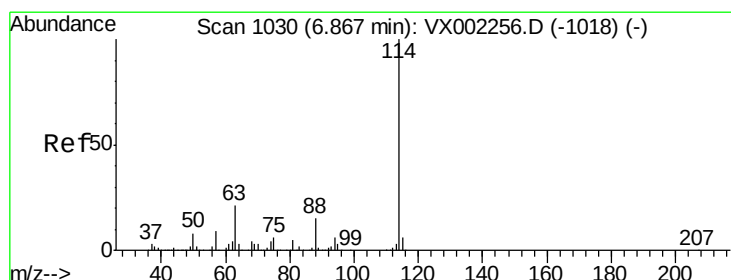
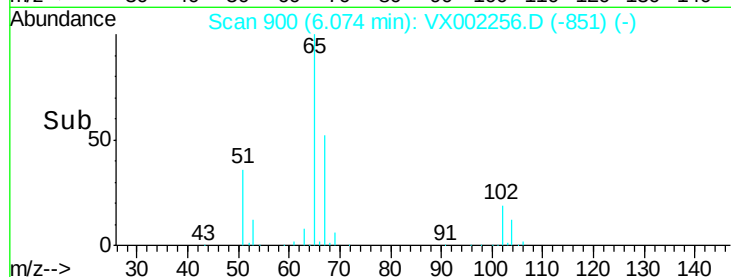
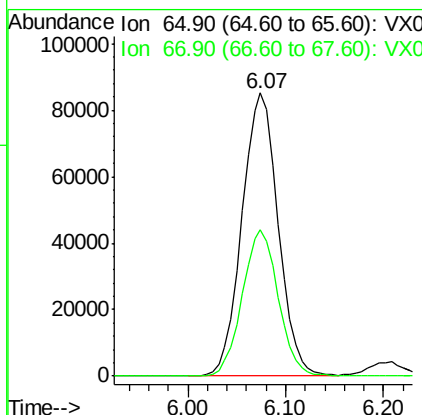
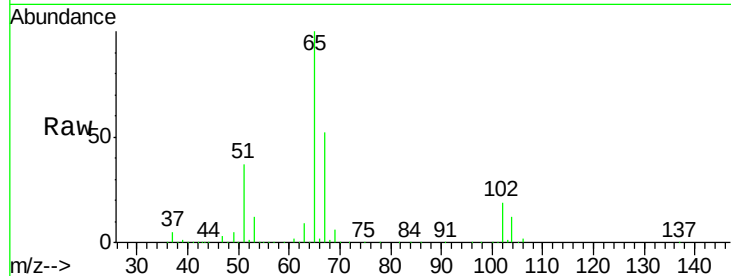
#33
 1,2-Dichloroethane-d4
 Concen: 47.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219050		
67	51.3	0.0	102.6	

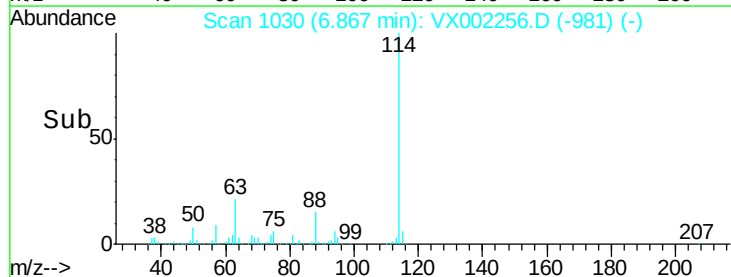
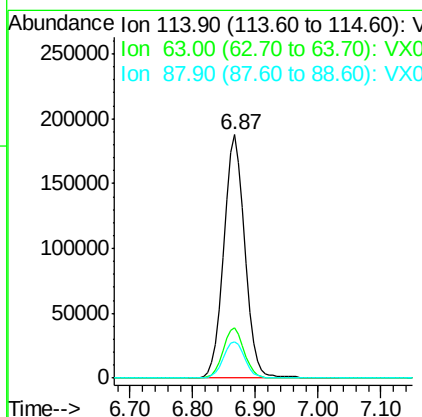
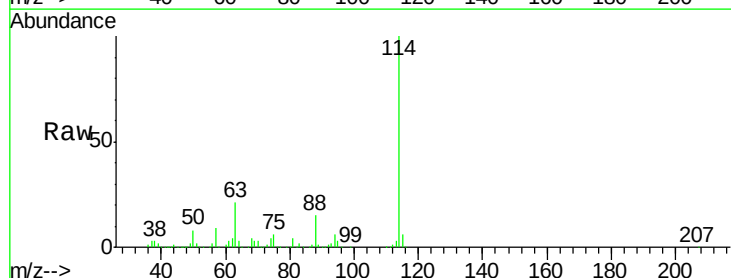
Manual Integrations
 APPROVED

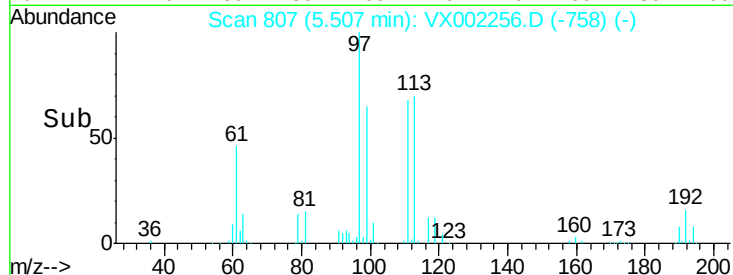
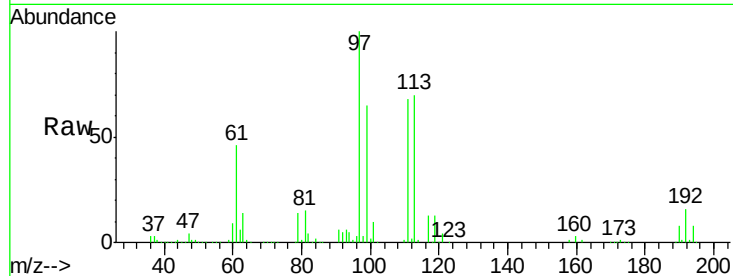
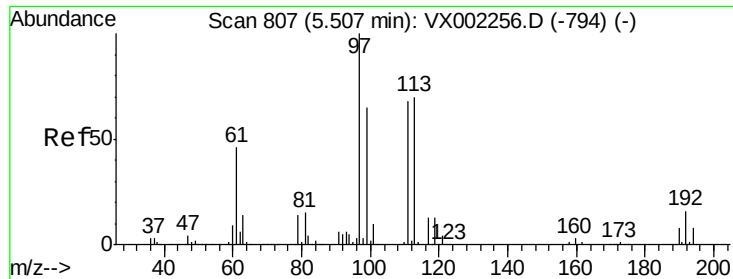
MMDadoda
 6/5/2018 5:56:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	436396		
63	20.7	0.0	41.4	
88	15.0	0.0	30.0	





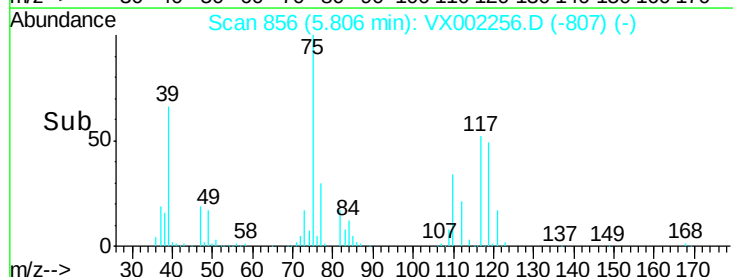
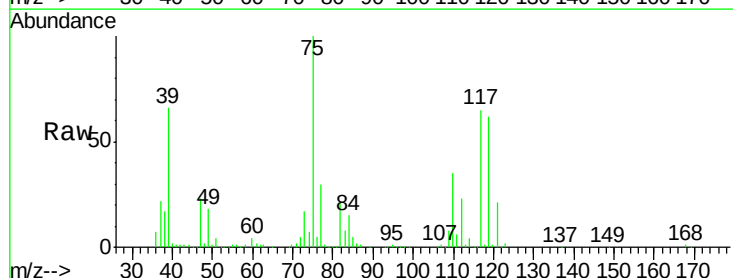
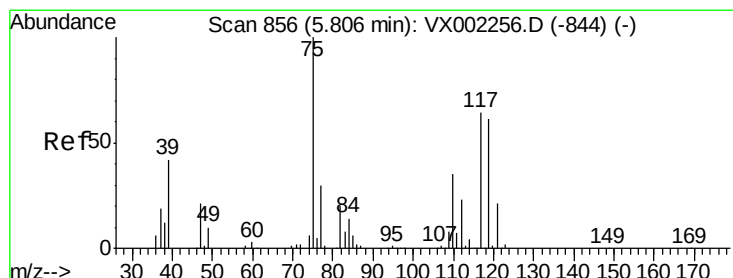
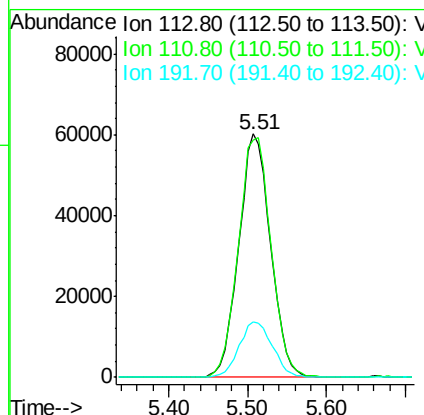
#35
Dibromofluoromethane
Concen: 49.12 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168589		
111	101.7	81.4	122.0	
192	23.9	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

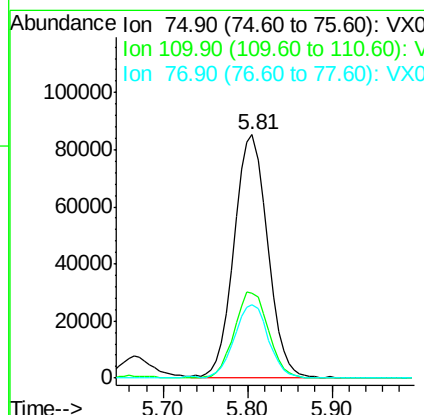
Manual Integrations
APPROVED

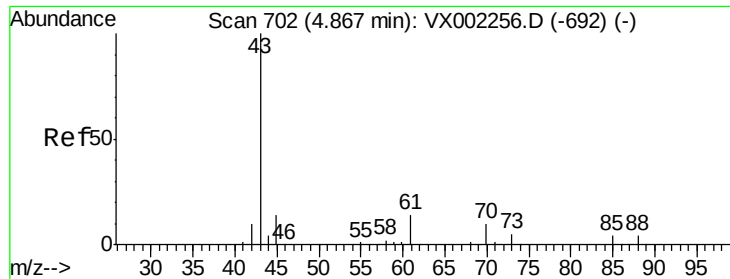
MMDadoda
6/5/2018 5:56:02 PM



#36
1,1-Dichloropropene
Concen: 49.86 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228737		
110	36.3	18.1	54.4	
77	30.4	24.3	36.5	





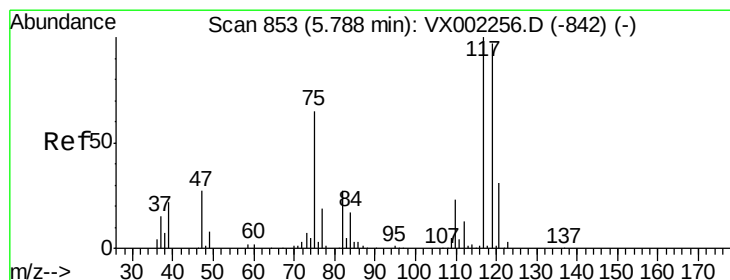
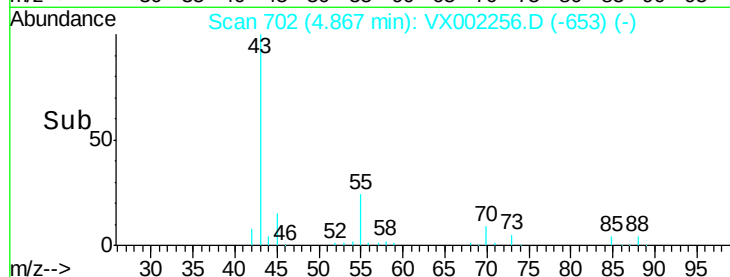
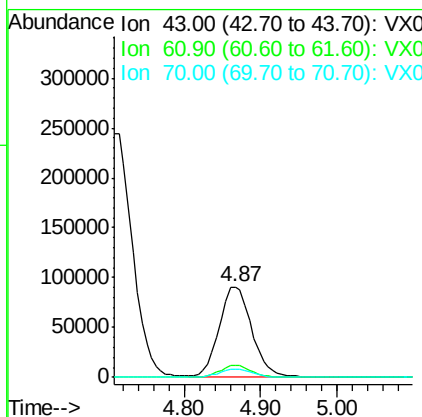
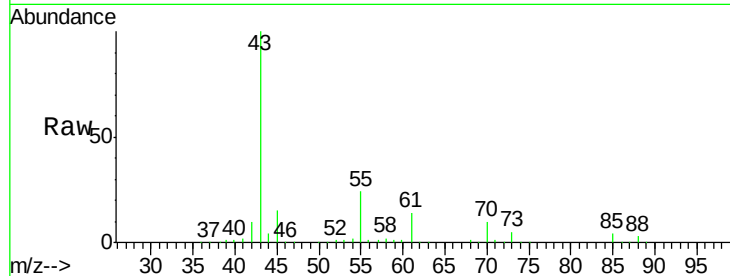
#37
Ethyl Acetate
Concen: 48.26 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.5	7.6	11.4

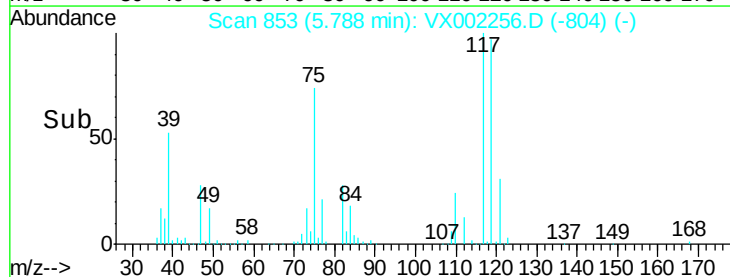
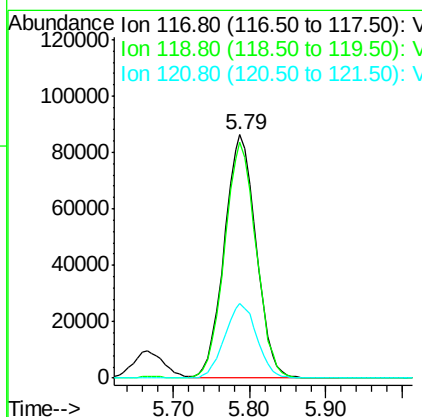
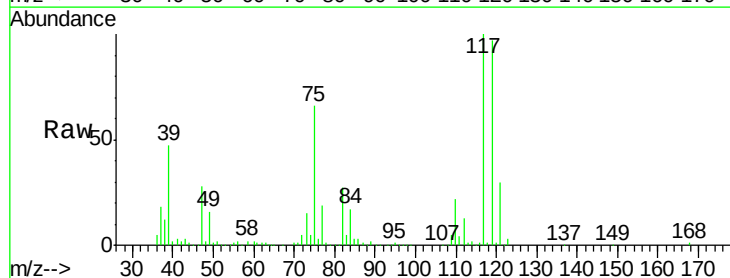
Manual Integrations
APPROVED

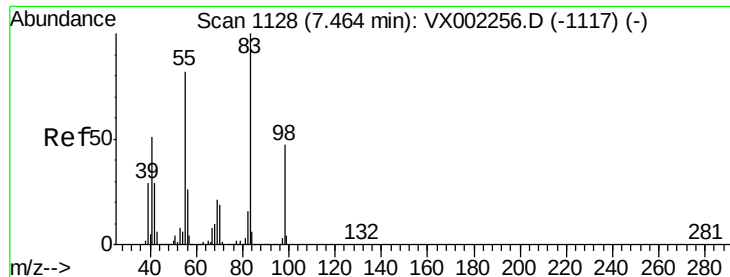
MMDadoda
6/5/2018 5:56:02 PM



#38
Carbon Tetrachloride
Concen: 51.48 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	30.5	24.4	36.6





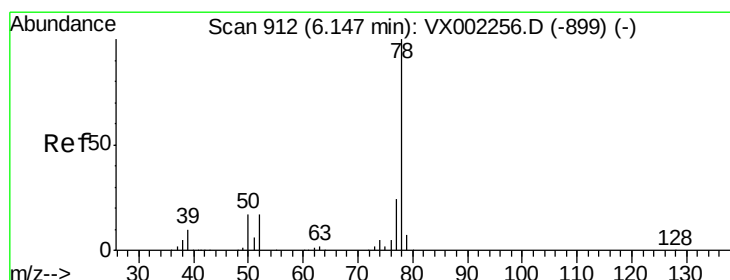
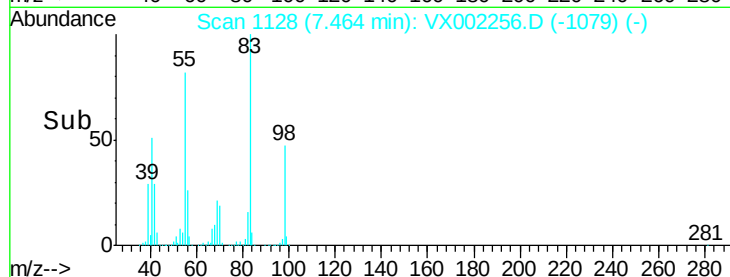
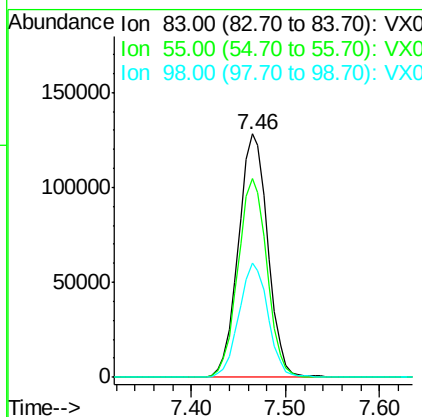
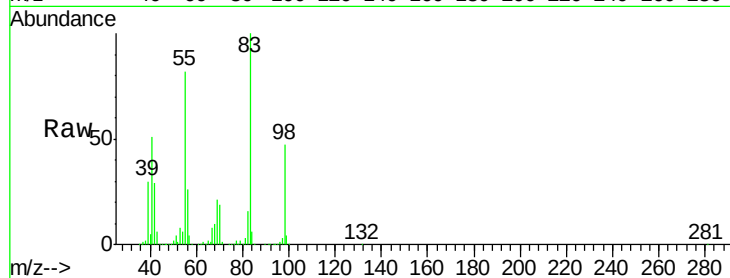
#39
Methylvlcyclohexane
Concen: 53.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	65.4	98.0
98	46.7	37.4	56.0

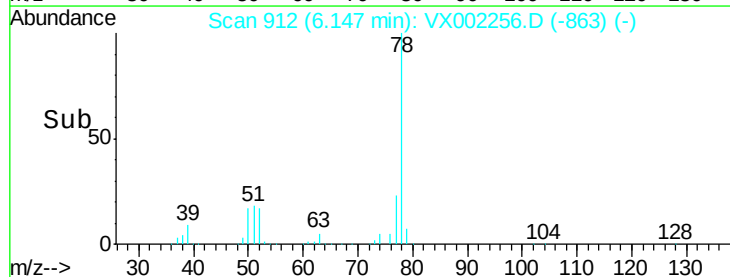
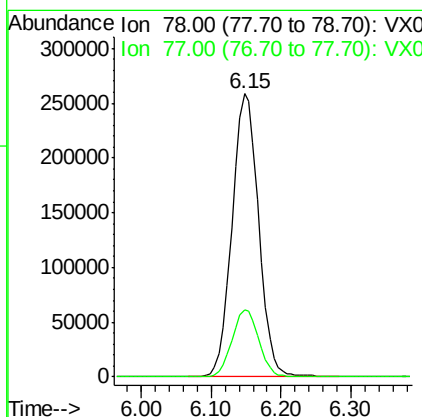
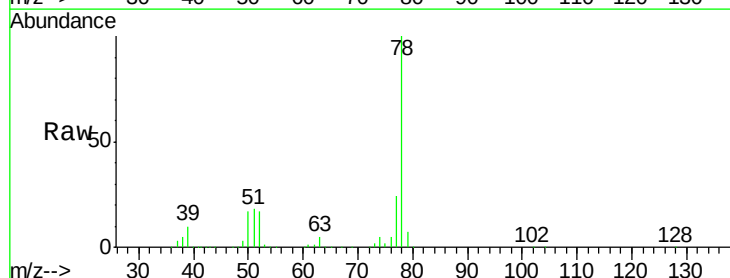
Manual Integrations
APPROVED

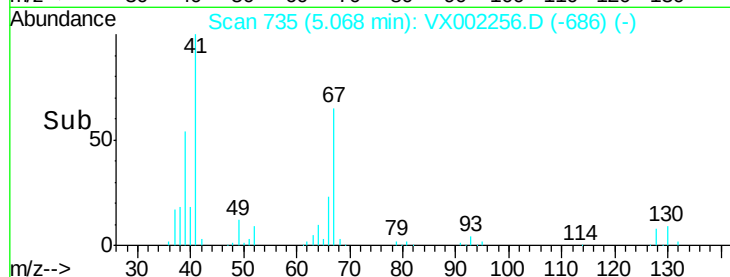
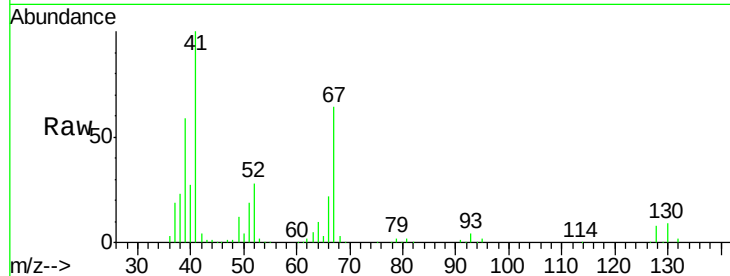
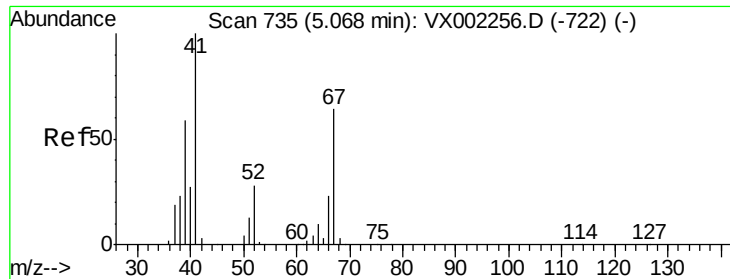
MMDadoda
6/5/2018 5:56:02 PM



#40
Benzene
Concen: 48.50 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





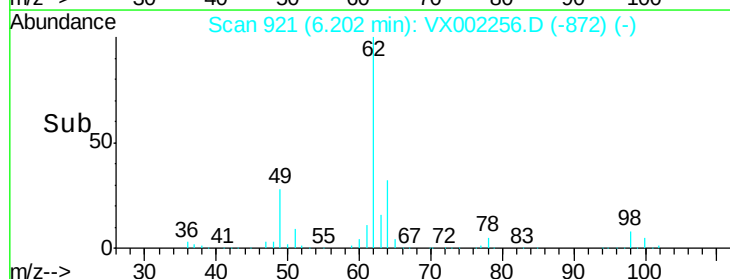
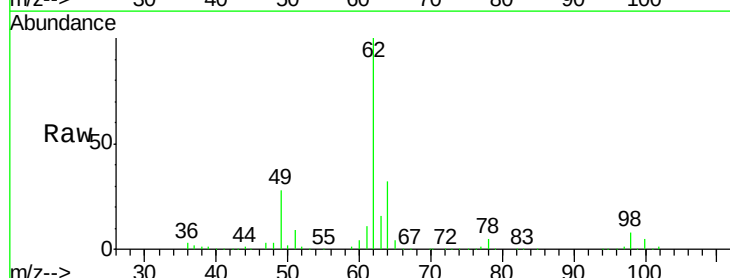
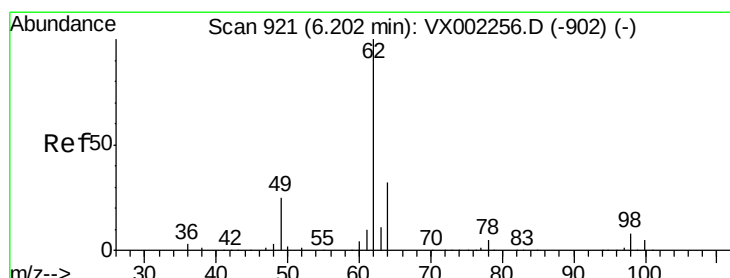
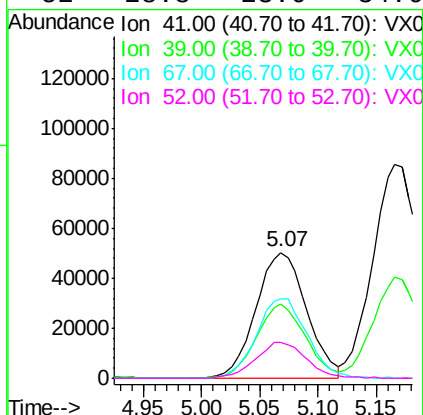
#41
Methacrylonitrile
Concen: 47.68 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		150601		
39	57.2	45.8	68.6		
67	64.1	51.3	76.9		
52	28.8	23.0	34.6		

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

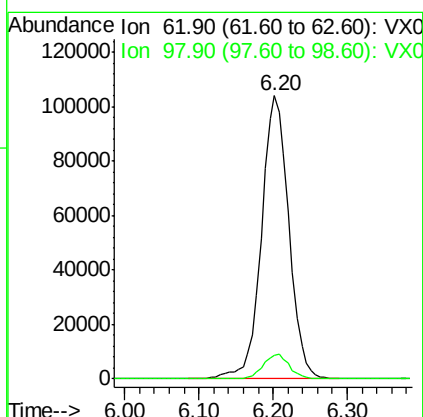
Manual Integrations
APPROVED

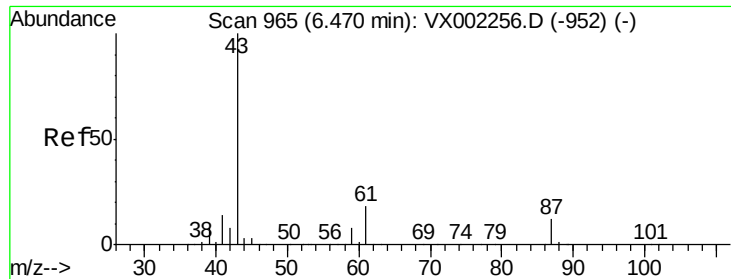
MMDadoda
6/5/2018 5:56:02 PM



#42
1,2-Dichloroethane
Concen: 47.89 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		267643		
98	8.3	0.0	16.6		





#43

Isopropyl Acetate

Concen: 47.92 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

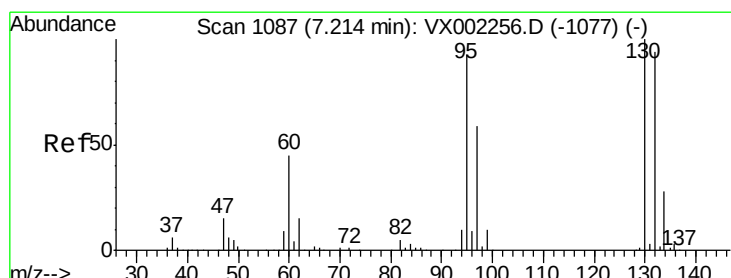
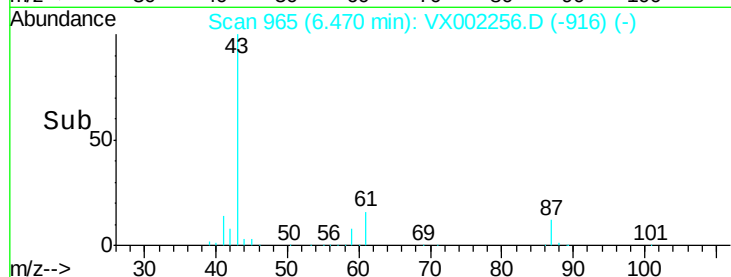
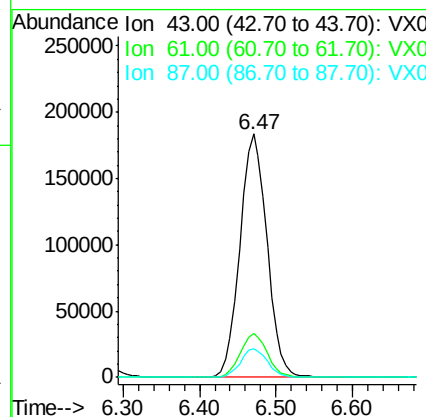
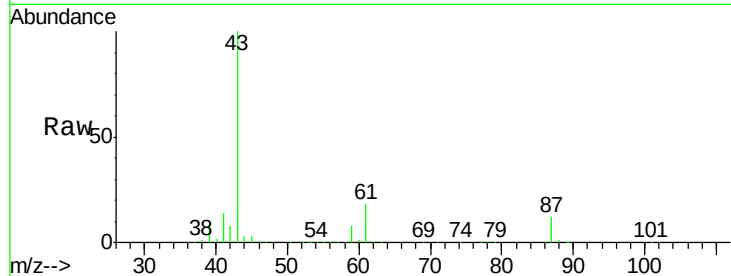
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	449074
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	11.9	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 50.57 ug/l

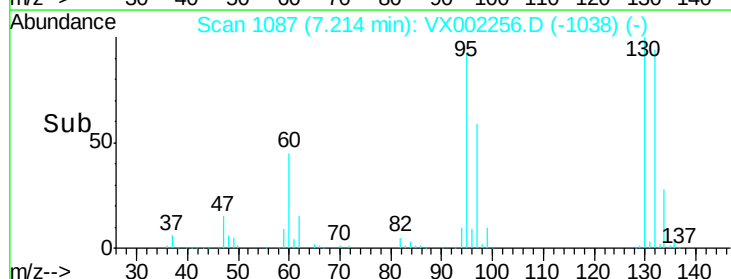
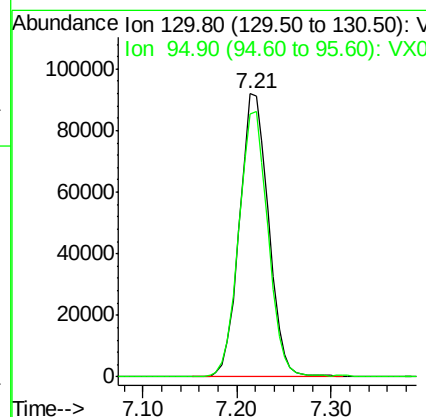
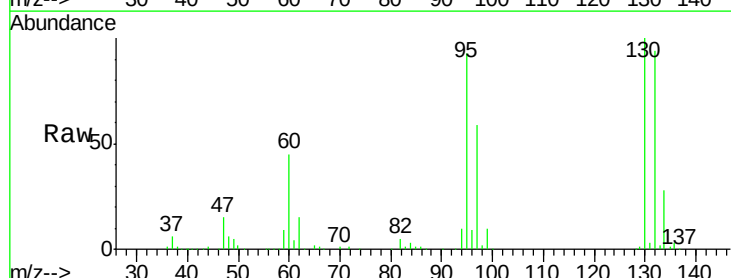
RT: 7.21 min Scan# 1087

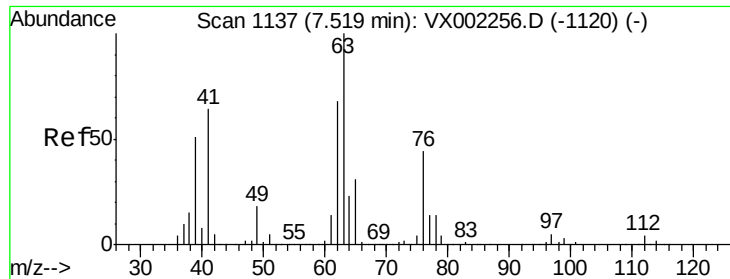
Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion:	130	Resp:	197429
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	185.4





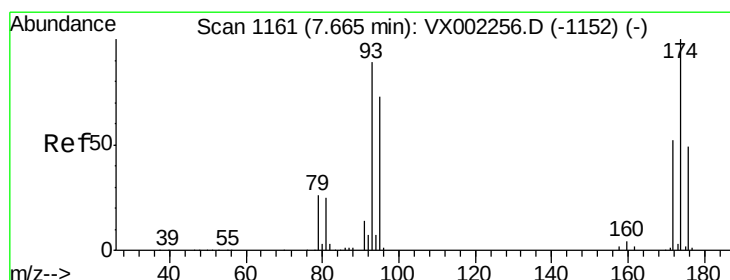
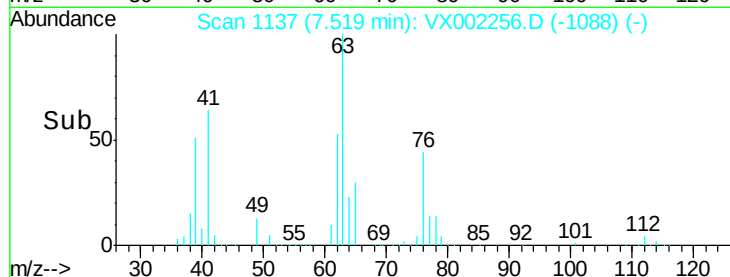
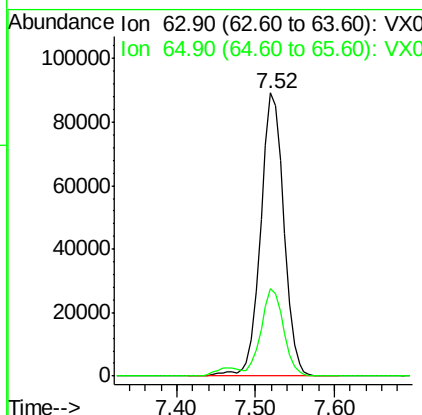
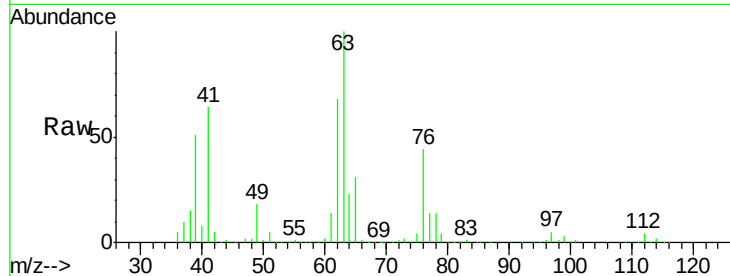
#45
 1,2-Dichloropropane
 Concen: 48.26 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion: 63 Resp: 183257
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

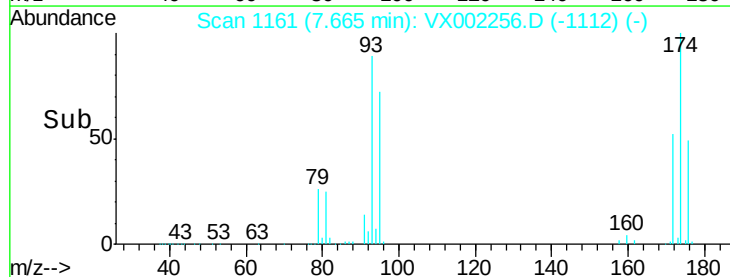
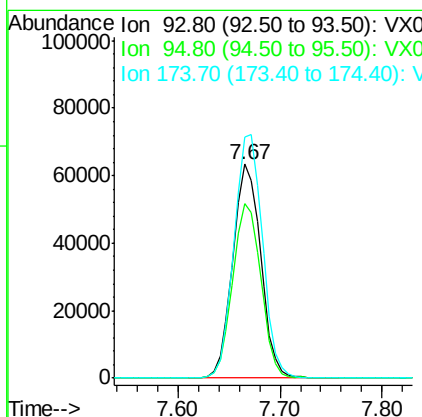
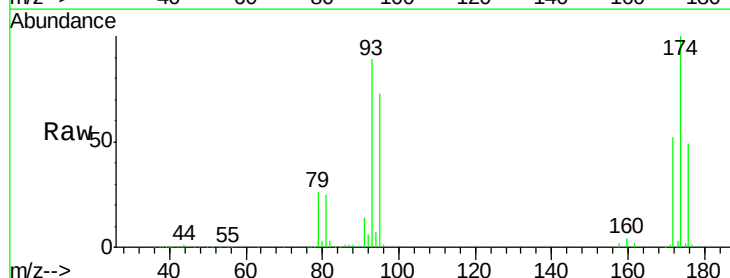
Manual Integrations
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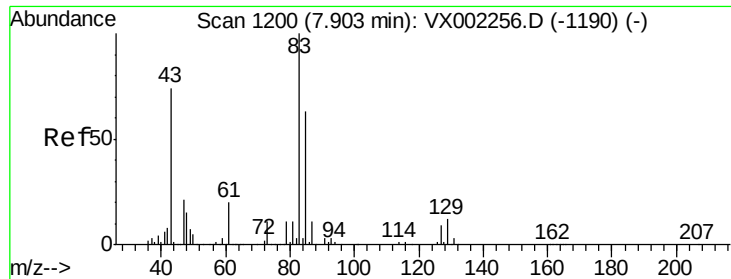
MMDadoda
 6/5/2018 5:56:02 PM



#46
 Dibromomethane
 Concen: 46.85 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion: 93 Resp: 120598
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 115.5 92.4 138.6





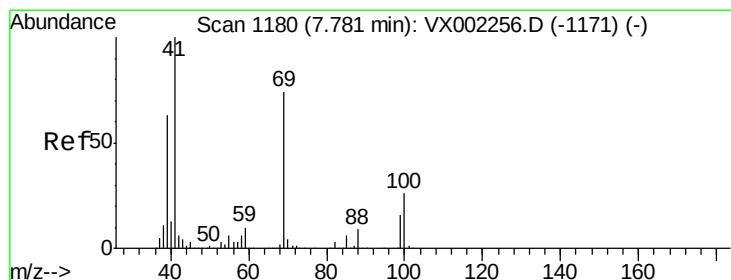
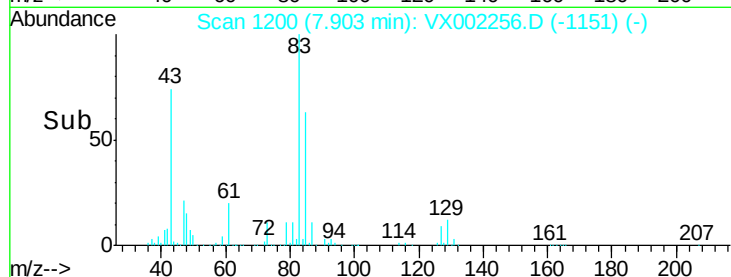
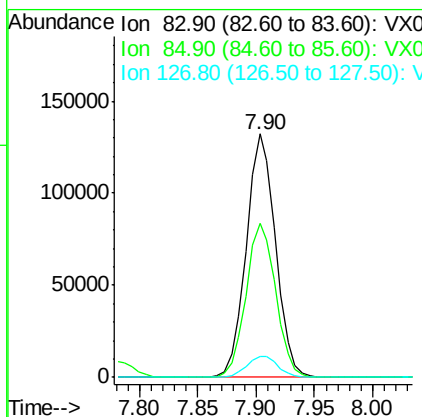
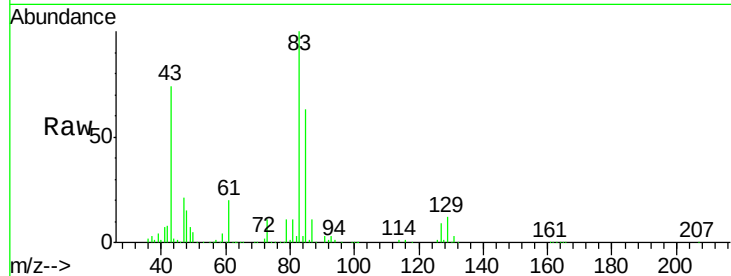
#47
Bromodichloromethane
Concen: 49.90 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5
127	8.7	7.0	10.4

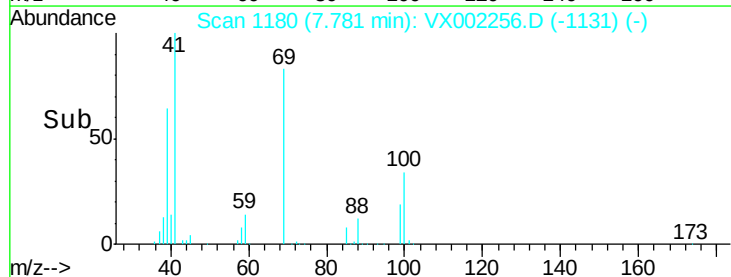
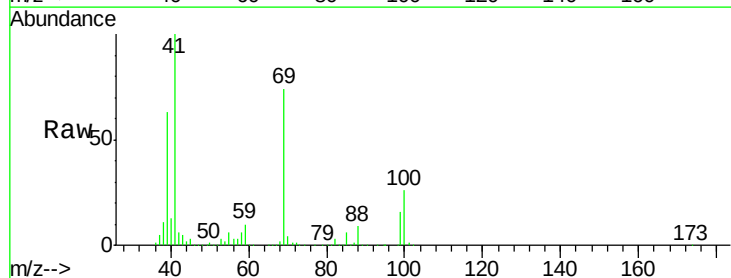
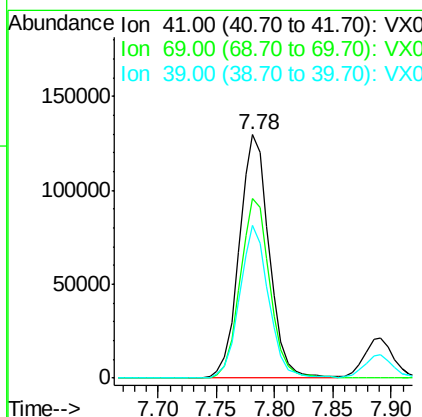
Manual Integrations
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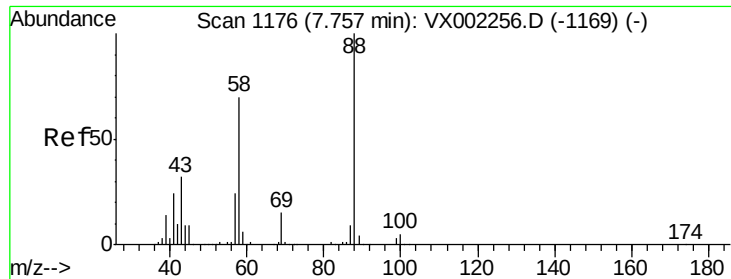
MMDadoda
6/5/2018 5:56:02 PM



#48
Methyl methacrylate
Concen: 49.00 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.9	59.1	88.7
39	61.1	48.9	73.3





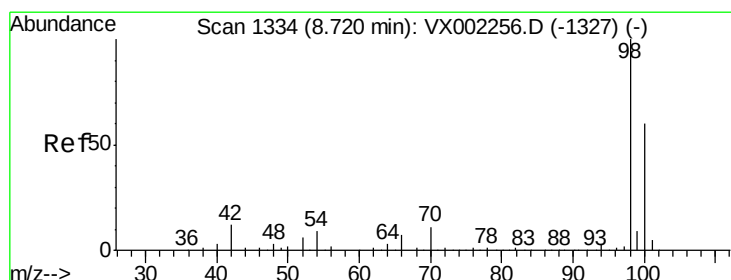
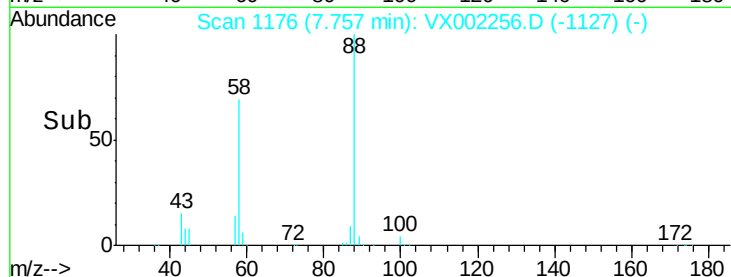
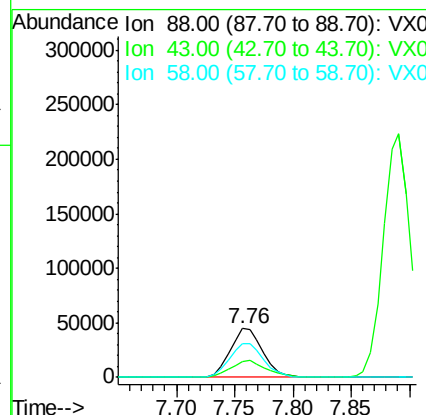
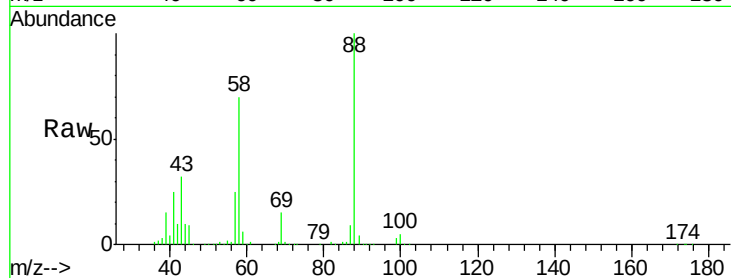
#49
1,4-Dioxane
Concen: 984.44 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.8	44.6
58	71.4	57.1	85.7

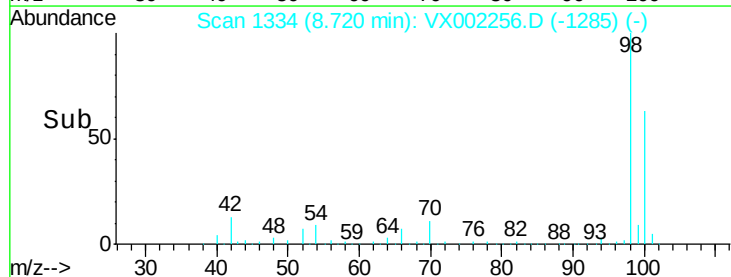
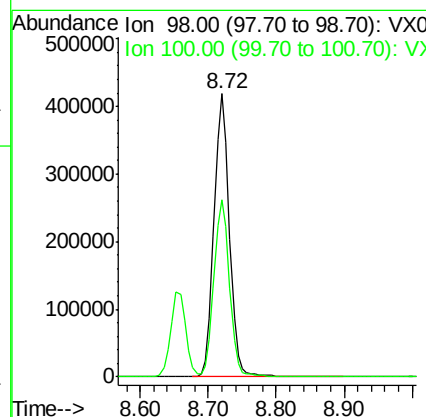
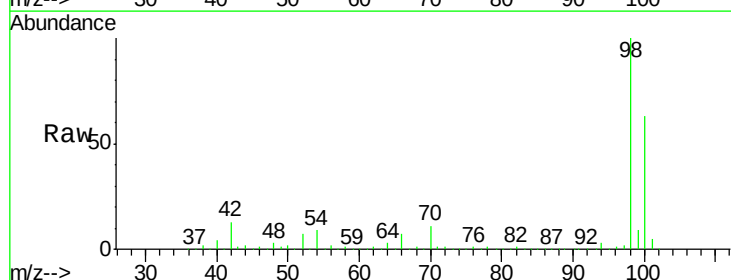
Manual Integrations
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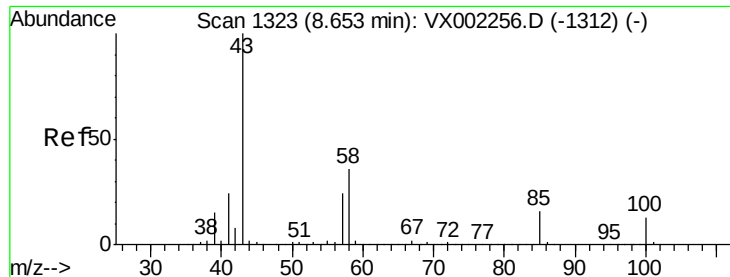
MMDadoda
6/5/2018 5:56:02 PM



#50
Toluene-d8
Concen: 50.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 245.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1435007

Ion Ratio Lower Upper

43 100

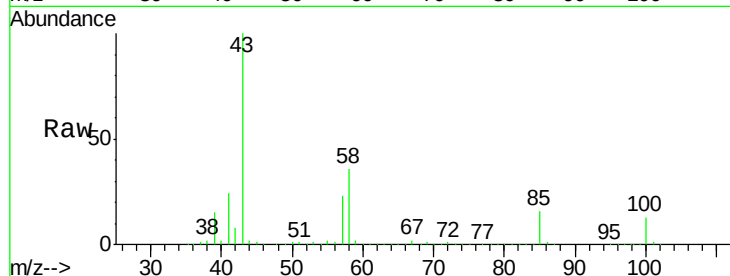
58 35.7 28.6 42.8

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1000000

800000

600000

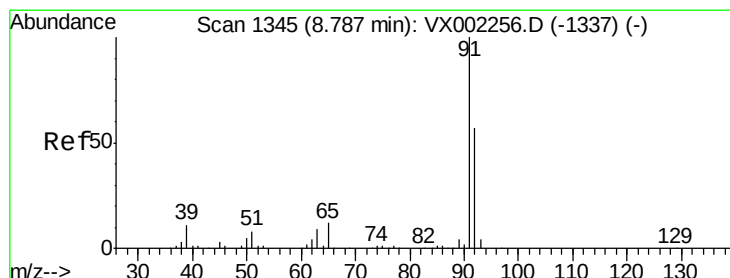
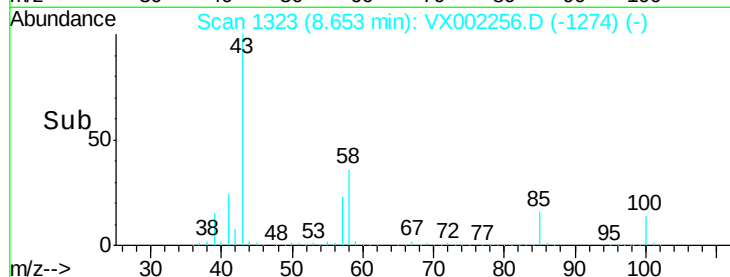
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 49.61 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002256.D

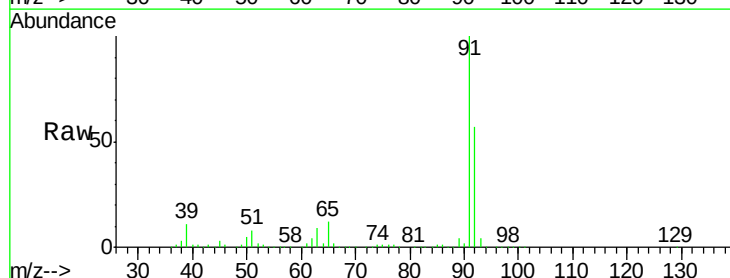
Acq: 04 Jun 2018 11:26

Tgt Ion: 92 Resp: 443818

Ion Ratio Lower Upper

92 100

91 175.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

300000

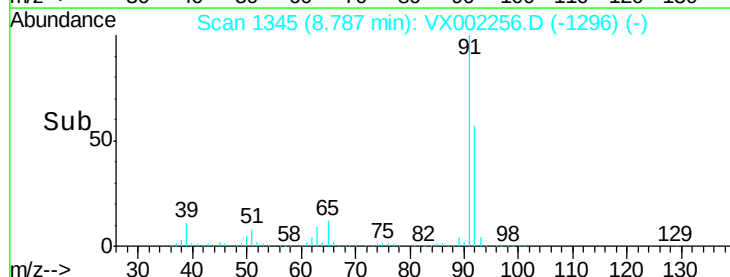
200000

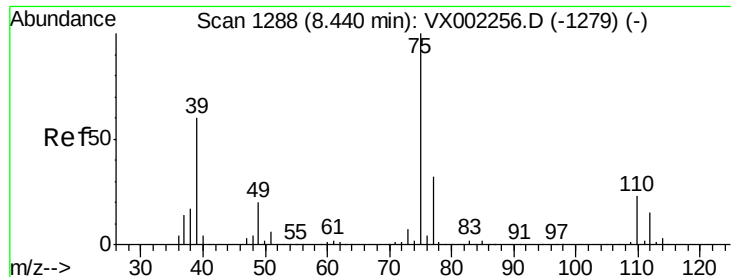
100000

0

8.70 8.80 8.90 9.00

Time-->





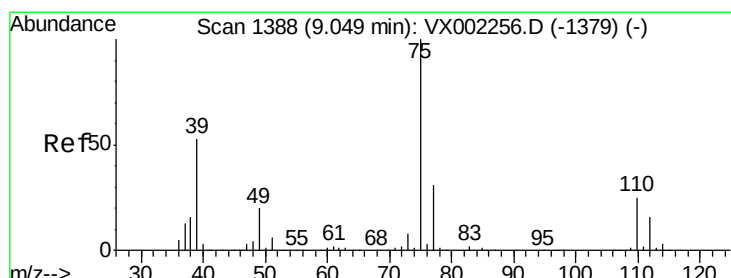
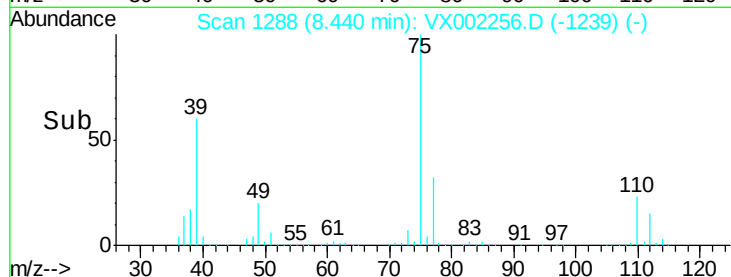
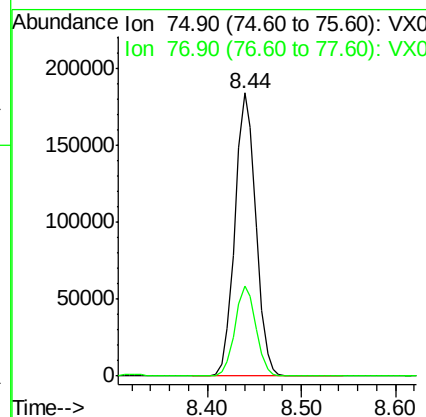
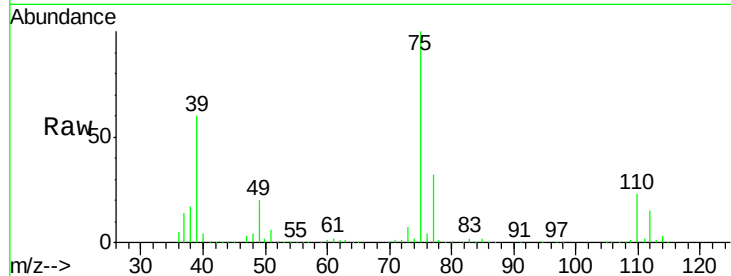
#53
t-1,3-Dichloropropene
Concen: 50.78 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 283543
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

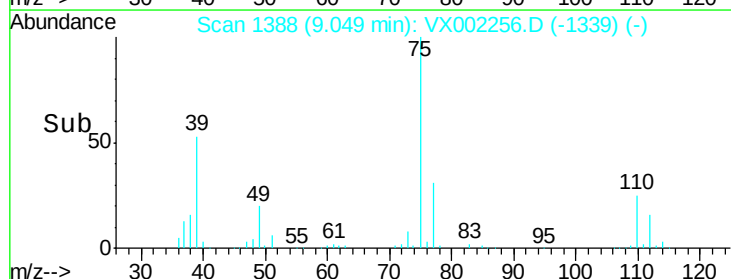
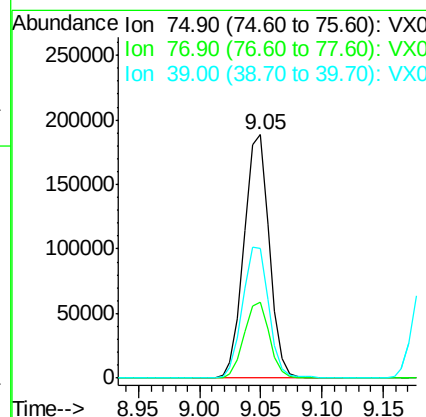
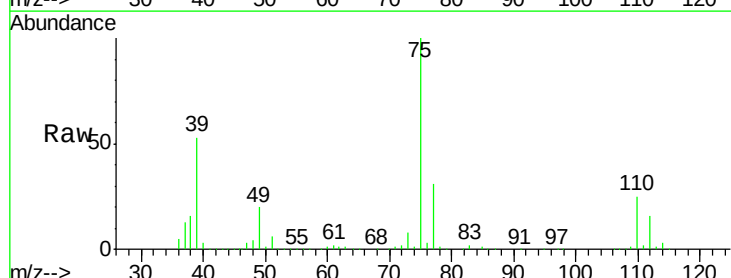
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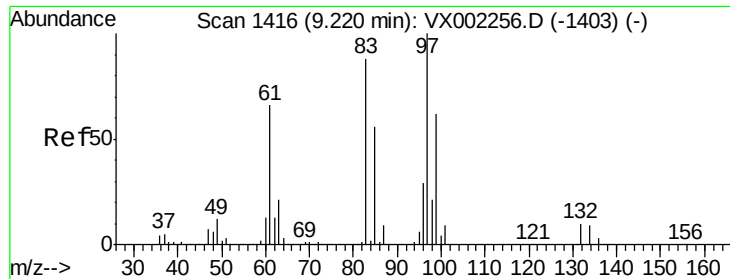
MMDadoda
6/5/2018 5:56:02 PM



#54
cis-1,3-Dichloropropene
Concen: 51.31 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 75 Resp: 270279
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 53.0 42.4 63.6





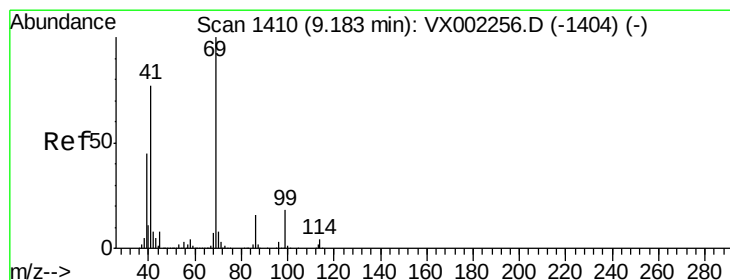
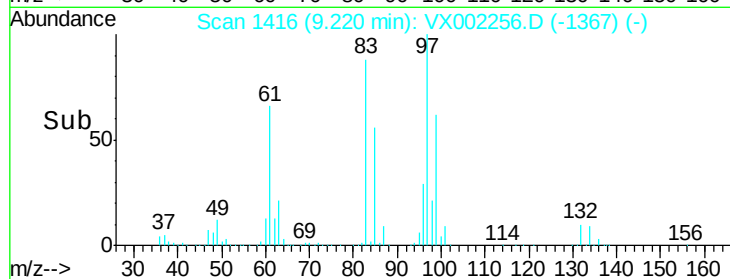
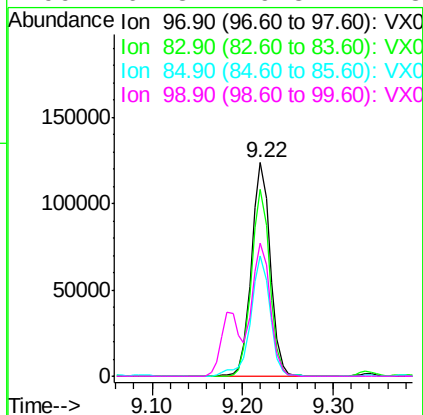
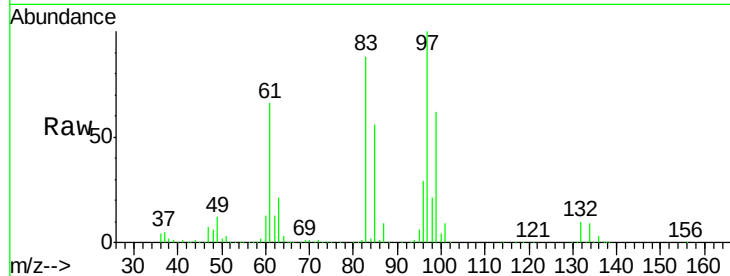
#55
 1,1,2-Trichloroethane
 Concen: 48.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	178771
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	56.1	44.9	67.3
99	62.3	49.8	74.8

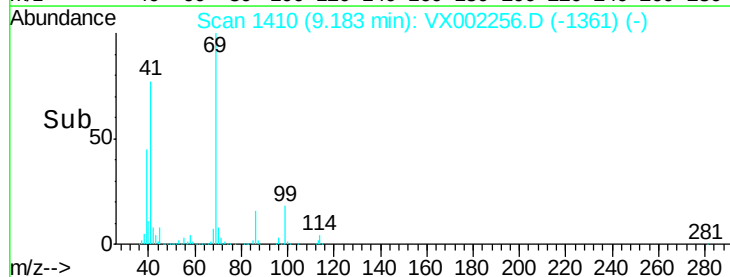
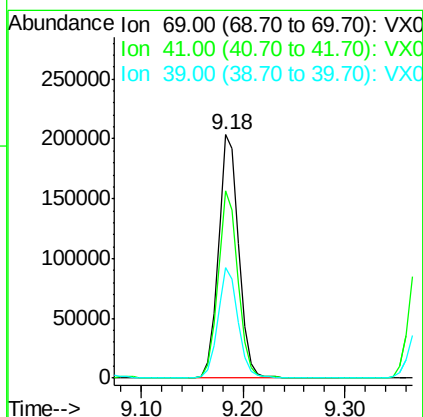
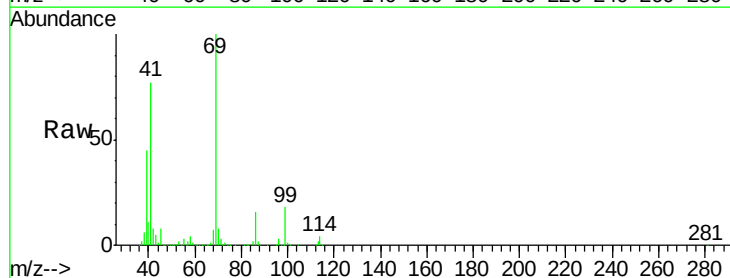
Manual Integrations
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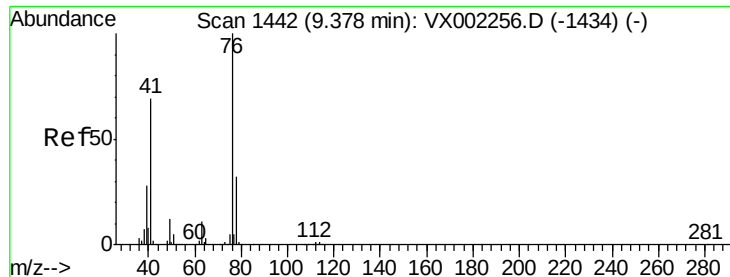
MMDadoda
 6/5/2018 5:56:02 PM



#56
 Ethyl methacrylate
 Concen: 48.36 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion:	69	Resp:	284085
Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.3	90.5
39	44.8	35.8	53.8





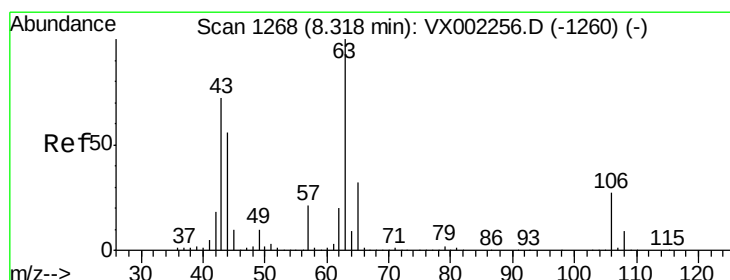
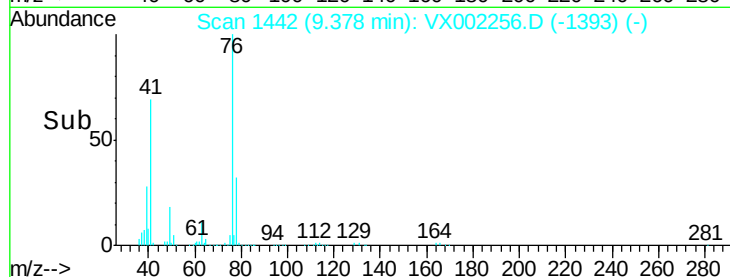
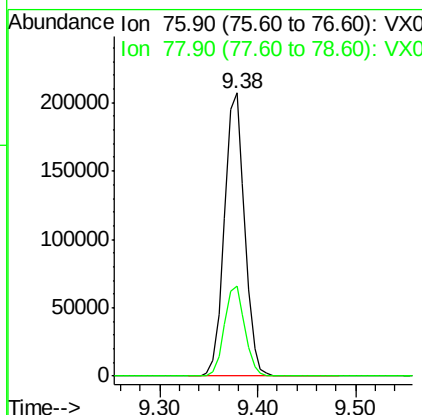
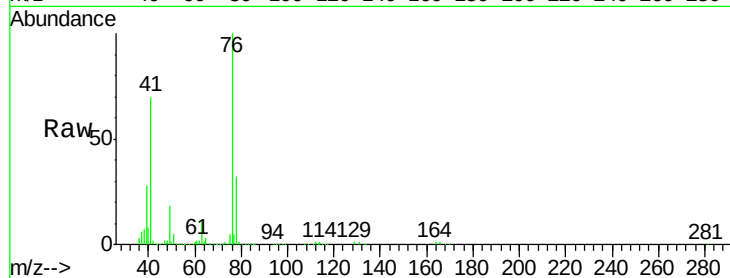
#57
 1,3-Dichloropropane
 Concen: 48.10 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

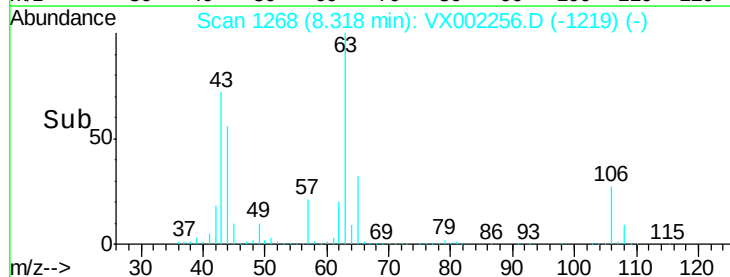
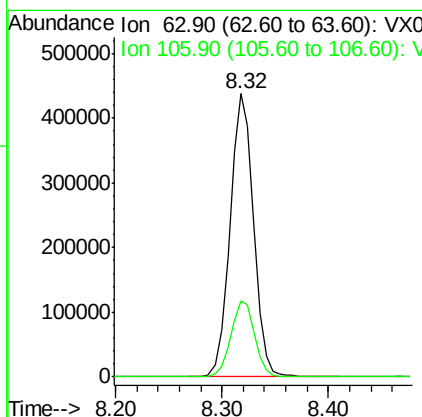
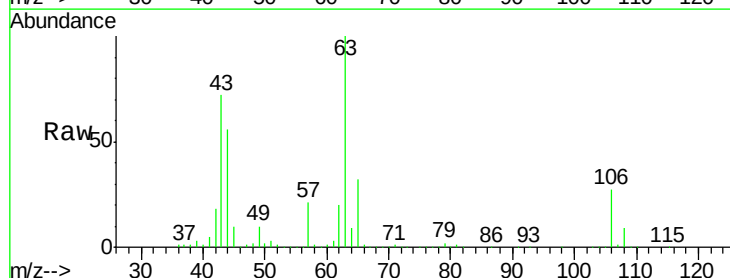
Manual Integrations
 APPROVED

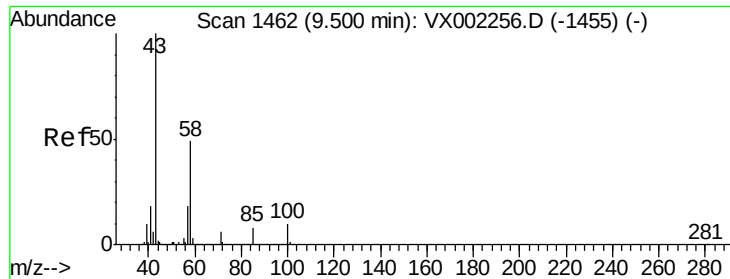
MMDadoda
 6/5/2018 5:56:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.73 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	21.8	32.8





#59

2-Hexanone

Concen: 250.07 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1127238

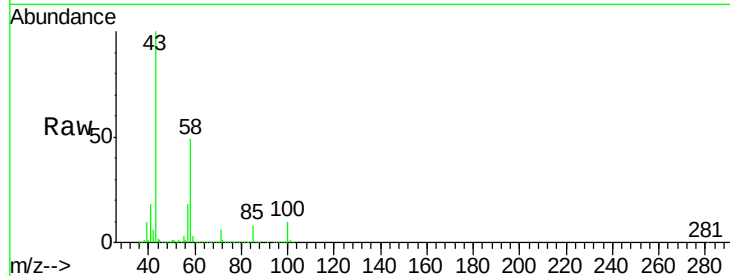
Ion Ratio Lower Upper

43 100

58 49.1 24.6 73.6

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:02 PM



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-1455) (-)

Ion 58.00 (57.70 to 58.70): VX002256.D (-1455) (-)

9.50

800000

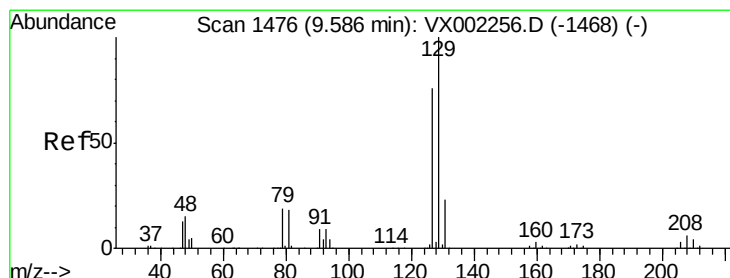
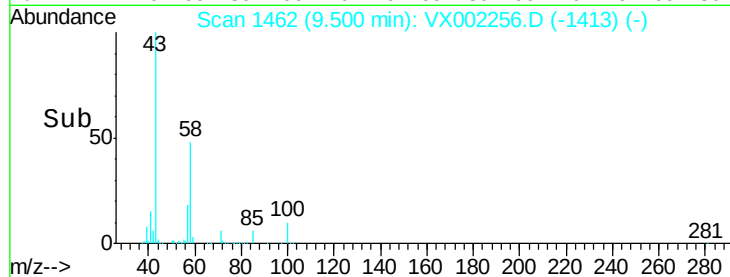
600000

400000

200000

0

Time-->



#60

Dibromochloromethane

Concen: 51.99 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002256.D

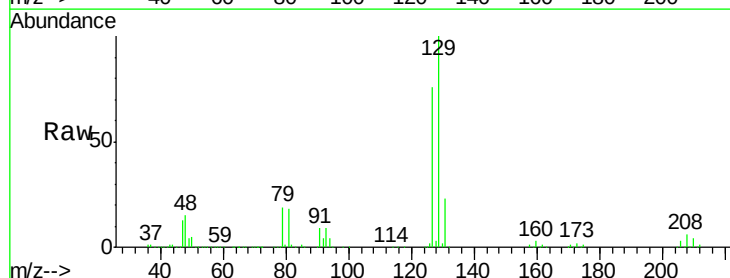
Acq: 04 Jun 2018 11:26

Tgt Ion: 129 Resp: 192410

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VX002256.D (-1476) (-)

Ion 126.80 (126.50 to 127.50): VX002256.D (-1476) (-)

9.59

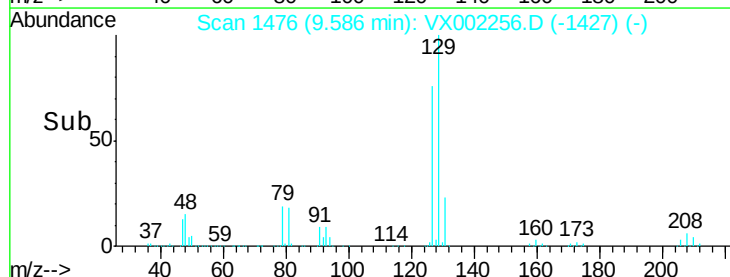
150000

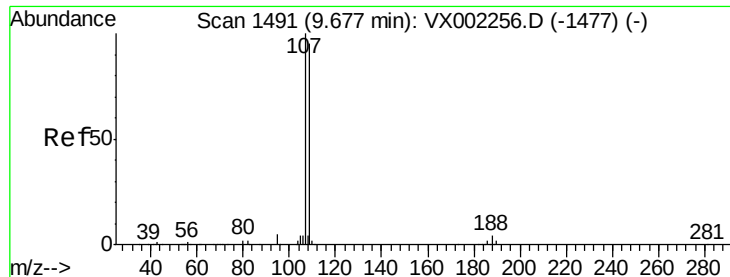
100000

50000

0

Time-->





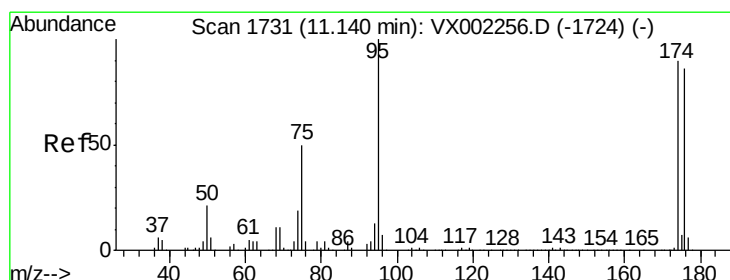
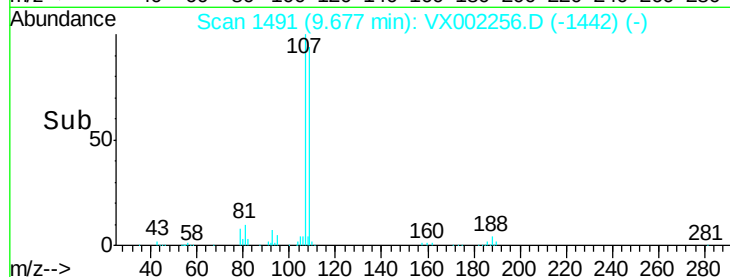
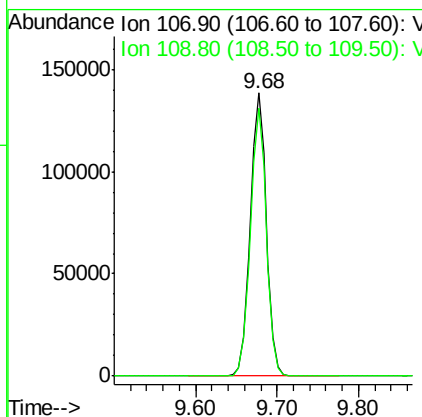
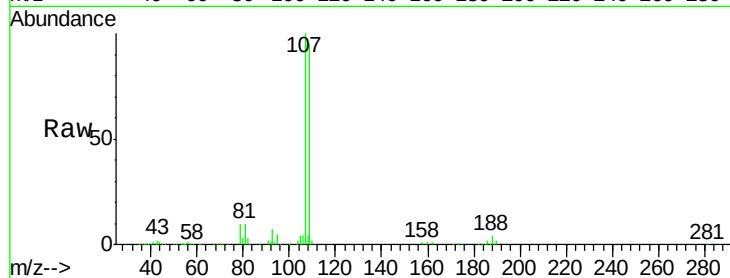
#61
 1,2-Dibromoethane
 Concen: 49.85 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	191256		
109	94.1	75.3	112.9	

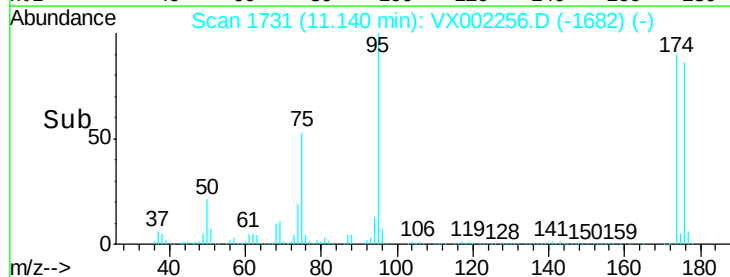
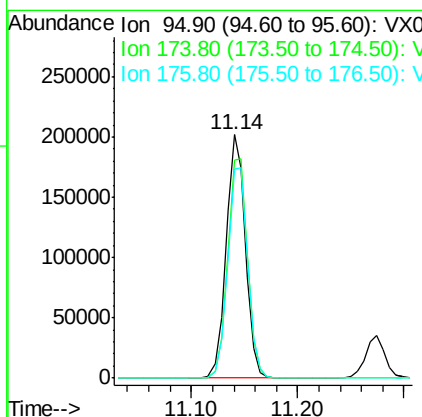
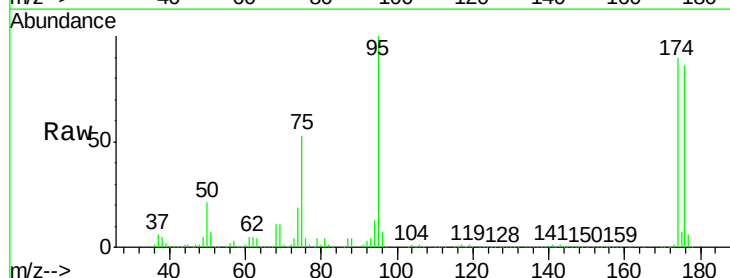
Manual Integrations
 APPROVED

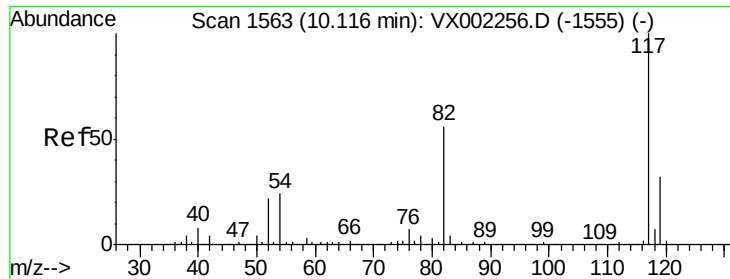
MMDadoda
 6/5/2018 5:56:02 PM



#62
 4-Bromofluorobenzene
 Concen: 50.32 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	255257		
174	93.7	0.0	187.4	
176	90.5	0.0	181.0	





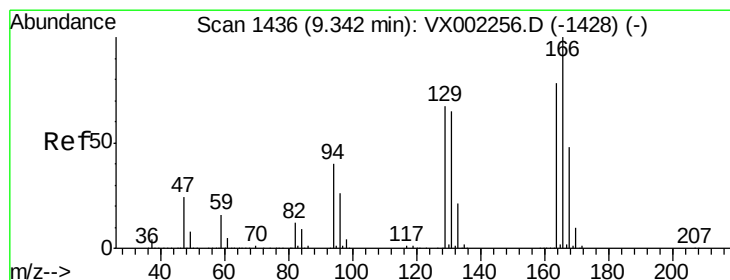
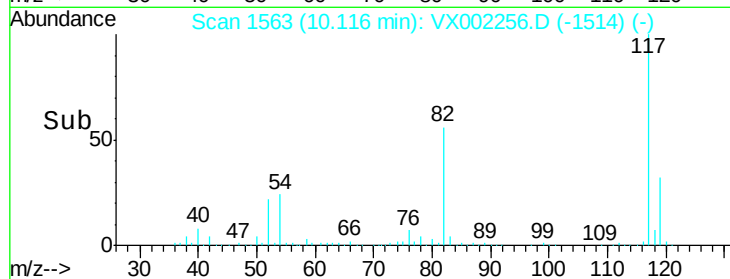
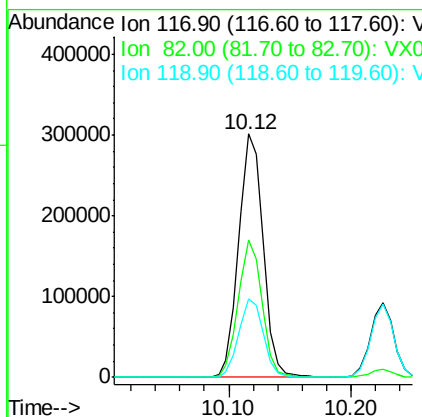
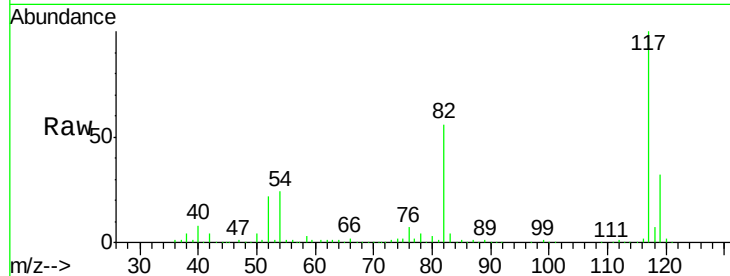
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.0	67.4
119	32.2	25.8	38.6

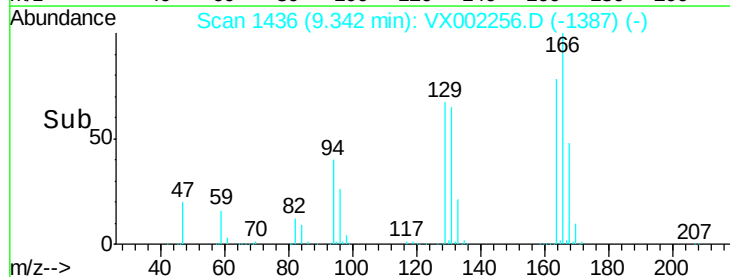
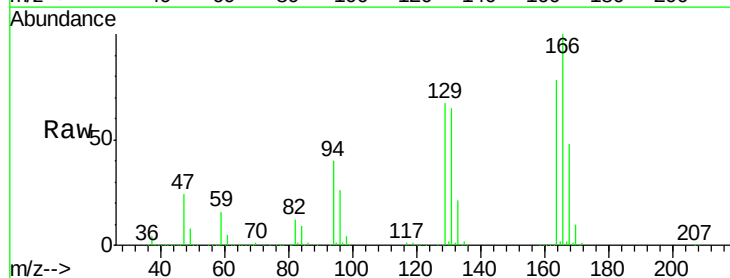
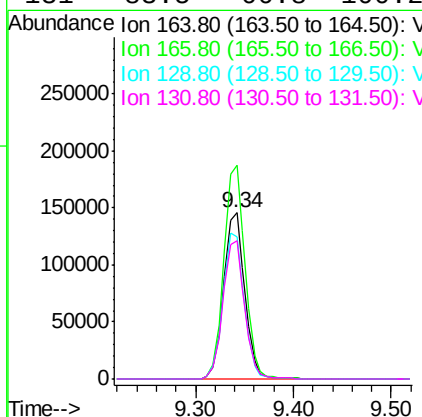
Manual Integrations
APPROVED

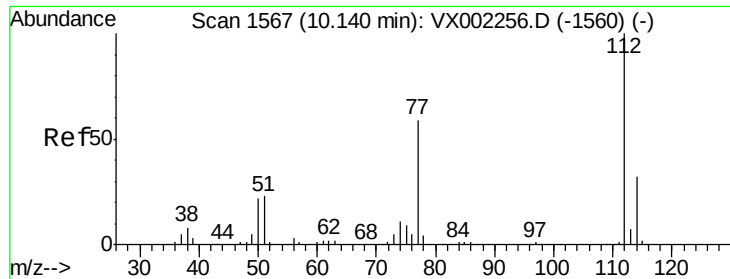
MMDadoda
6/5/2018 5:56:02 PM



#64
Tetrachloroethene
Concen: 50.88 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.9	154.3
129	85.7	68.6	102.8
131	83.5	66.8	100.2





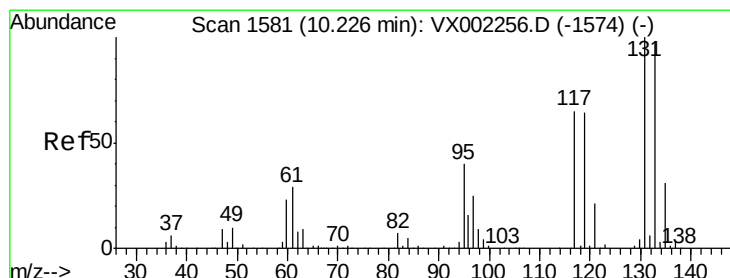
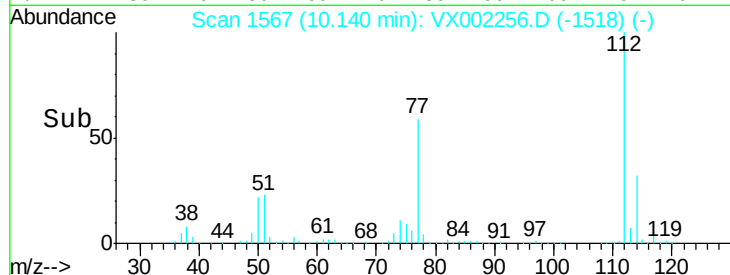
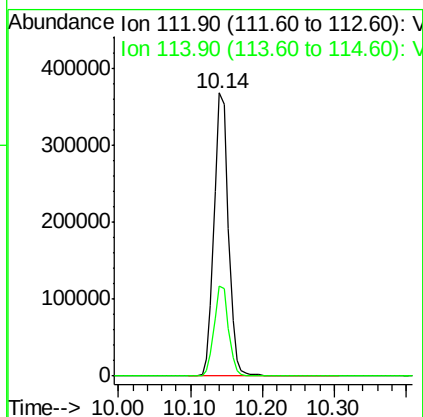
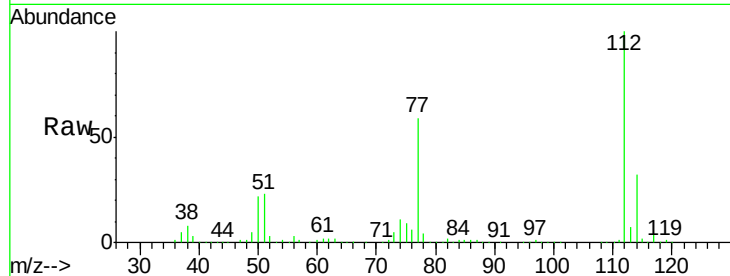
#65
Chlorobenzene
Concen: 49.01 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 507987
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

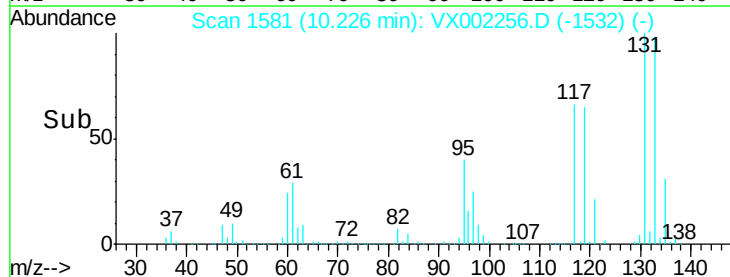
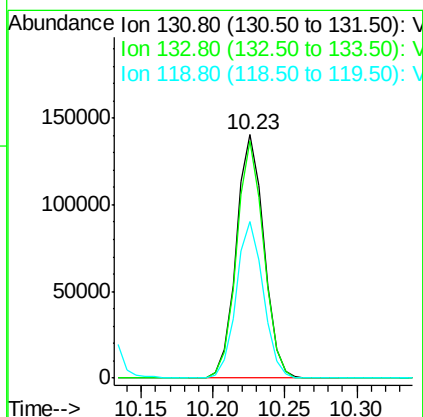
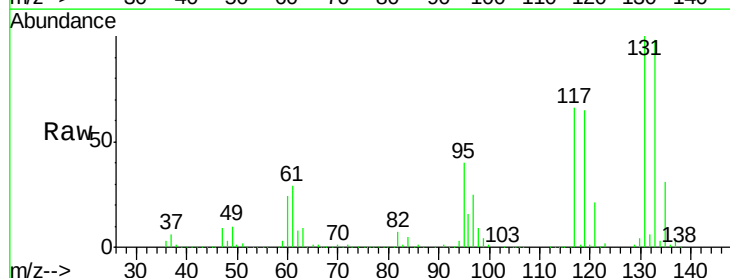
Manual Integrations
APPROVED

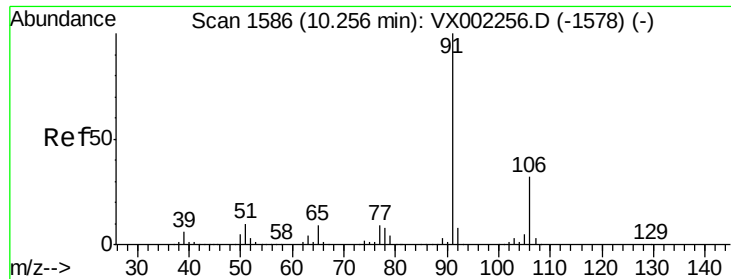
MMDadoda
6/5/2018 5:56:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.92 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion:131 Resp: 187356
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.5 31.8 95.3





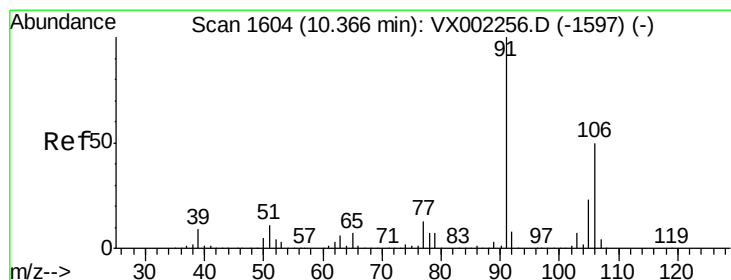
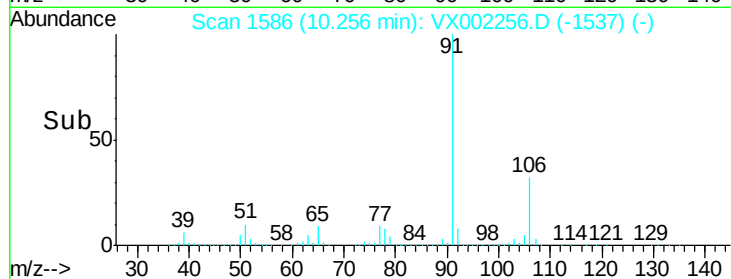
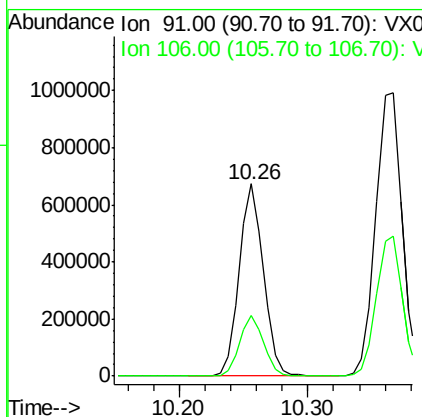
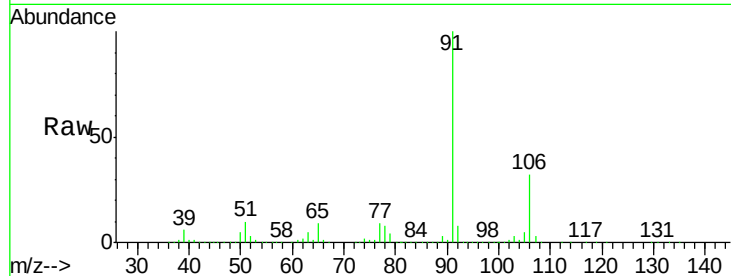
#67
Ethyl Benzene
Concen: 50.67 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 878999
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

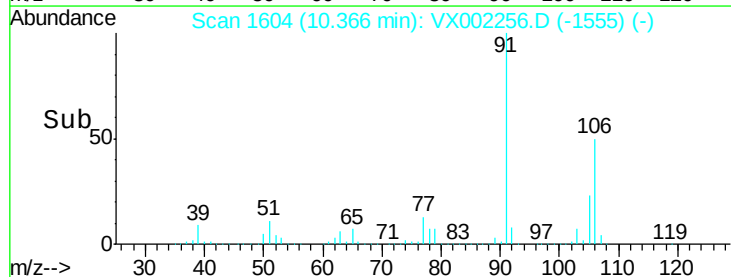
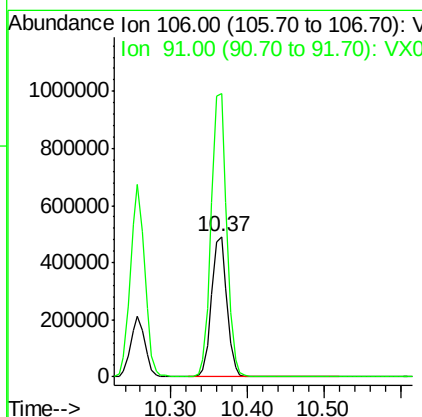
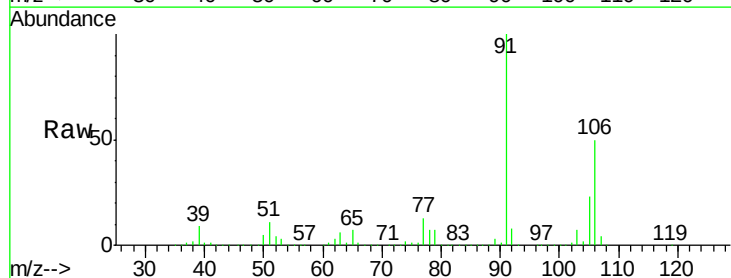
Manual Integrations
APPROVED

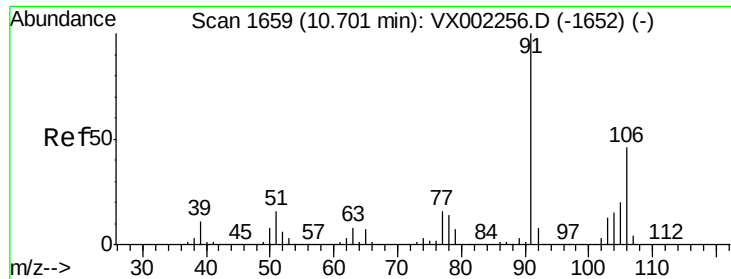
MMDadoda
6/5/2018 5:56:02 PM



#68
m/p-Xylenes
Concen: 101.60 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 106 Resp: 685113
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2





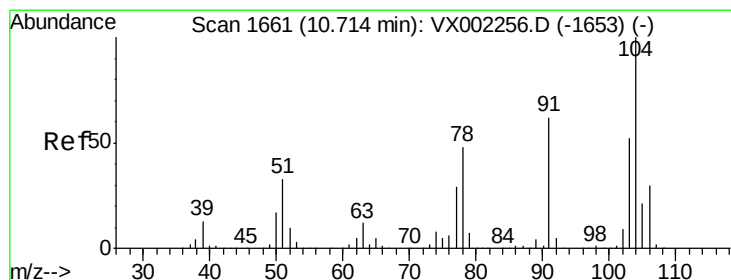
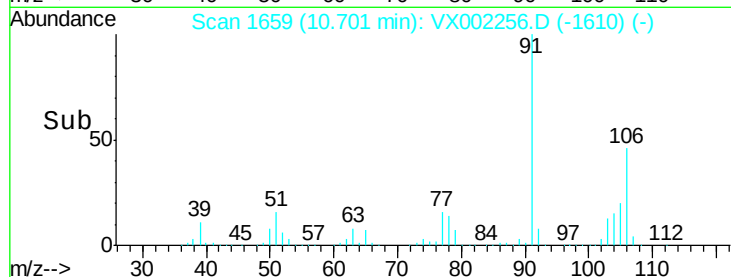
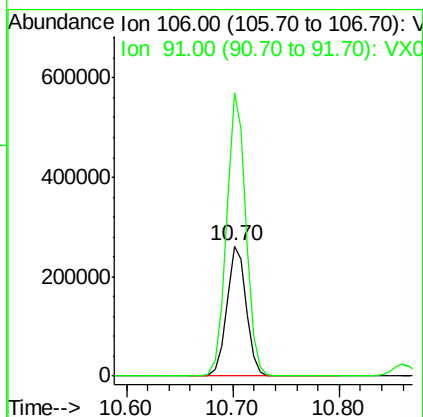
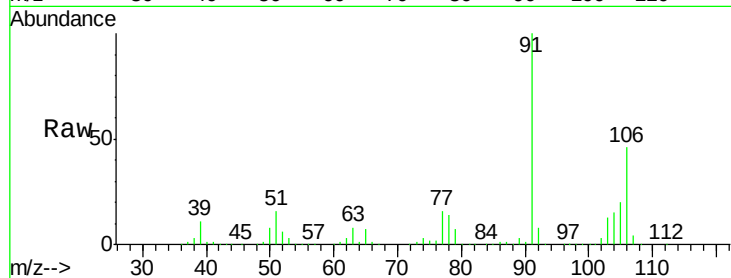
#69
o-Xylene
Concen: 49.94 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.4	108.2	324.6

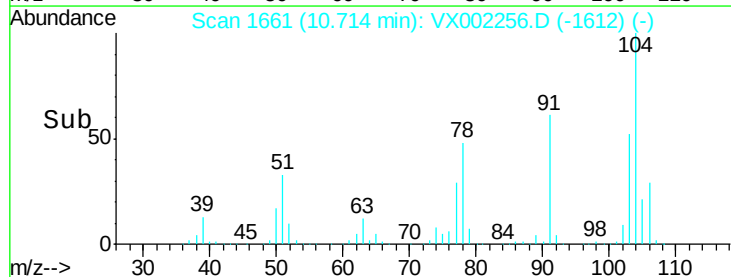
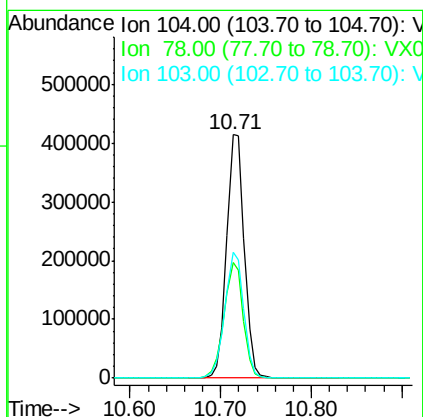
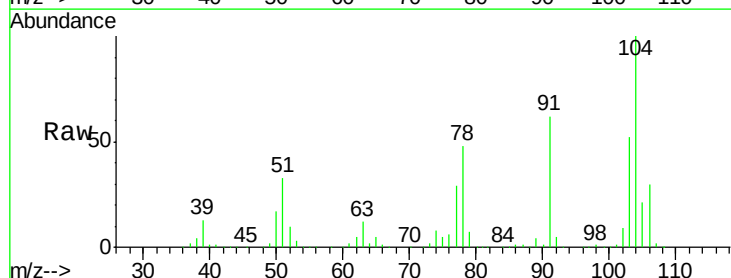
Manual Integrations
APPROVED

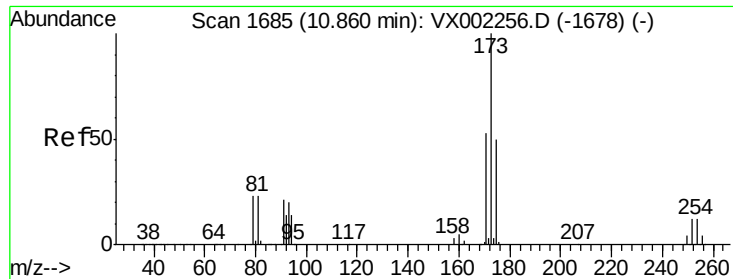
MMDadoda
6/5/2018 5:56:02 PM



#70
Styrene
Concen: 51.31 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.0	61.6
103	55.3	44.2	66.4





#71

Bromoform

Concen: 51.25 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

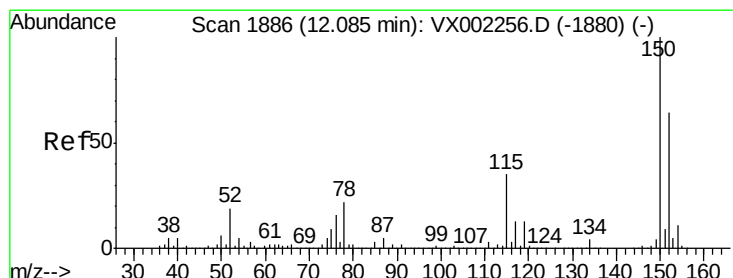
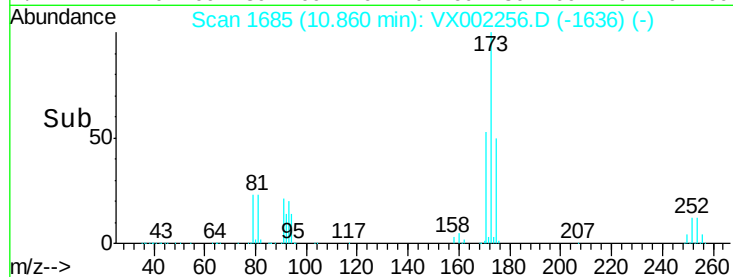
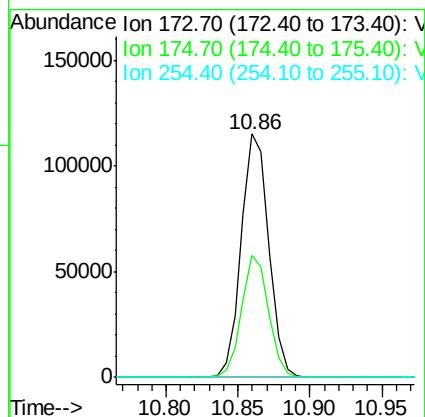
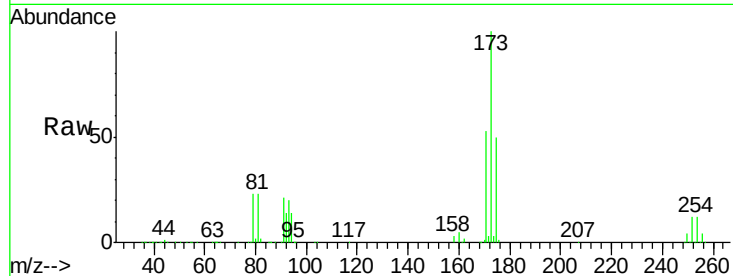
ClientSampled :

VSTDICCC050

Tot Ion:	173	Resp:	152504
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:02 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

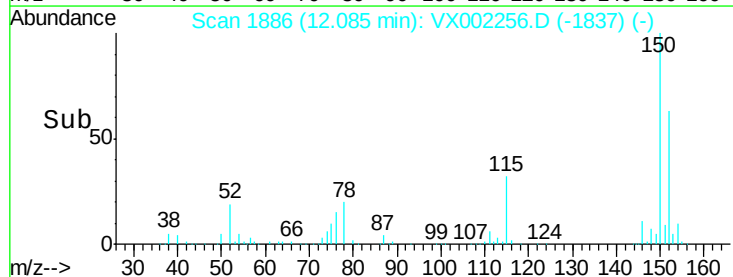
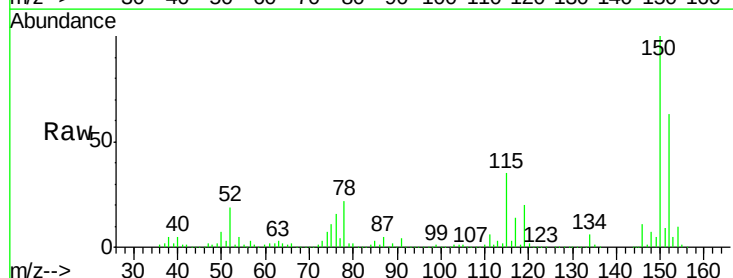
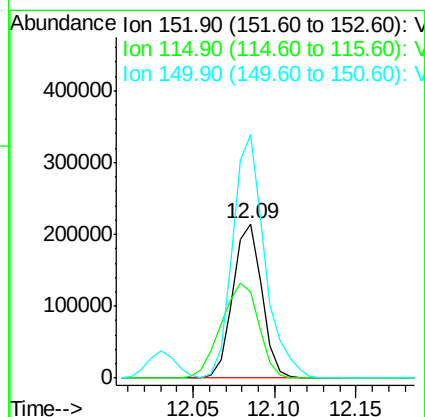
RT: 12.09 min Scan# 1886

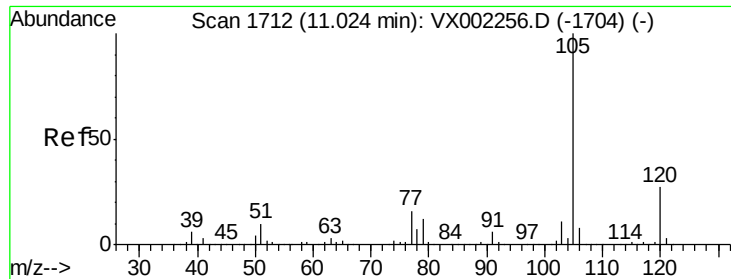
Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion:	152	Resp:	264216
Ion Ratio	Lower	Upper	
152	100		
115	80.1	40.1	120.2
150	173.6	0.0	347.2





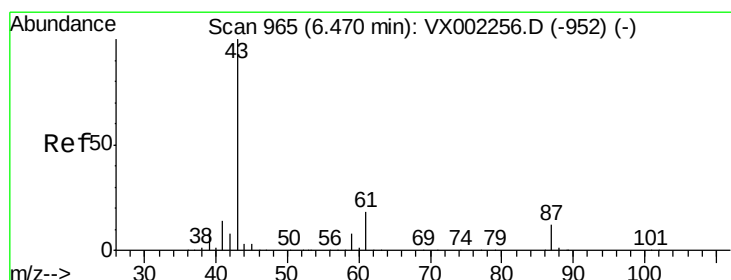
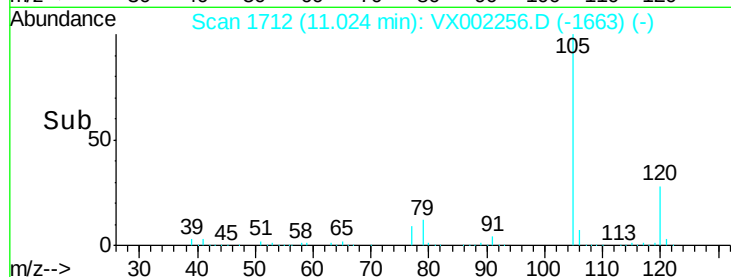
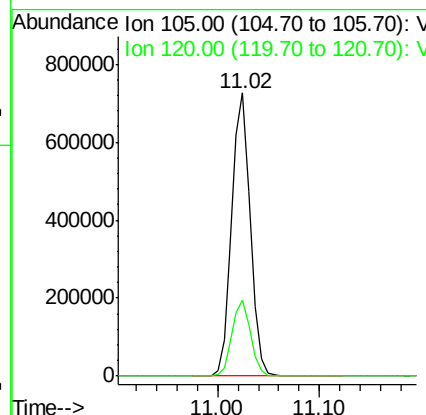
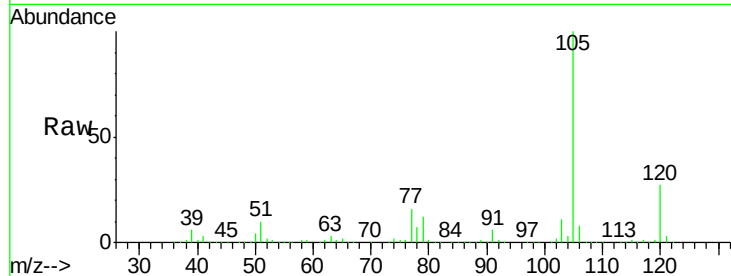
#73
Isopropylbenzene
Concen: 49.39 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 105 Resp: 907774
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

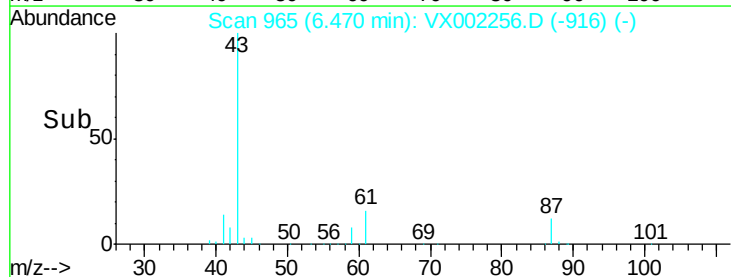
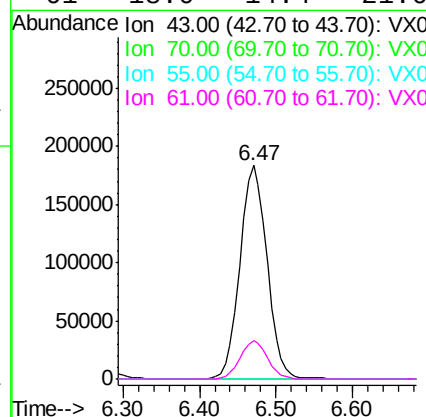
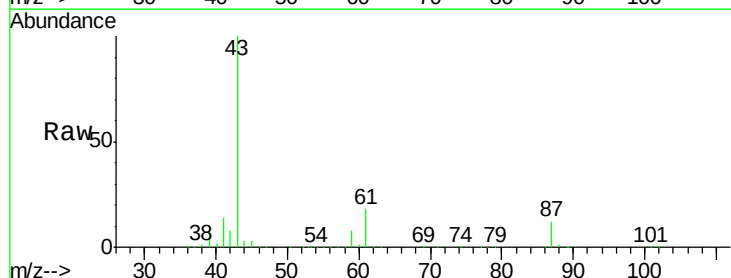
Manual Integrations
APPROVED

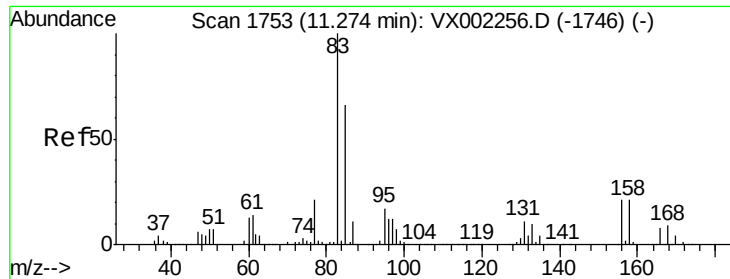
MMDadoda
6/5/2018 5:56:02 PM



#74
N-ethyl acetate
Concen: 45.34 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 43 Resp: 449074
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.0 0.0 0.0
61 18.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 83 Resp: 263702

Ion Ratio Lower Upper

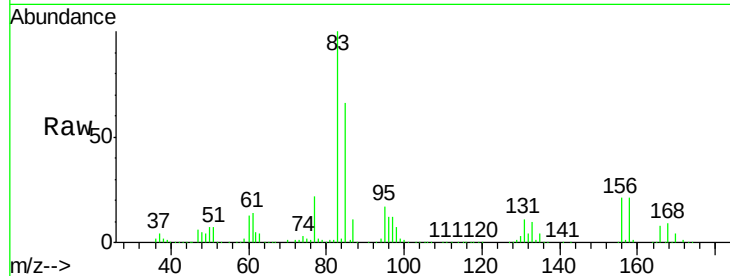
83 100

131 11.2 5.6 16.8

85 64.8 32.4 97.2

Manual Integrations
APPROVED

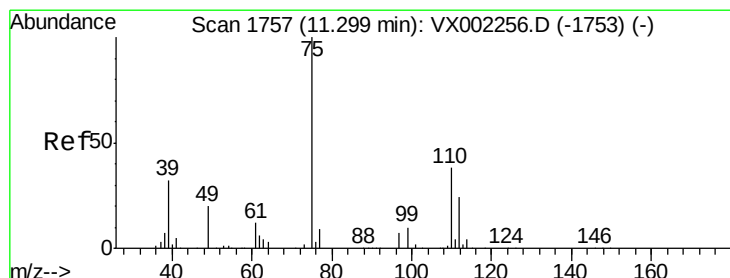
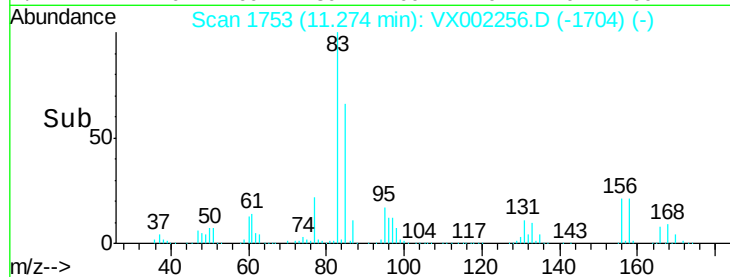
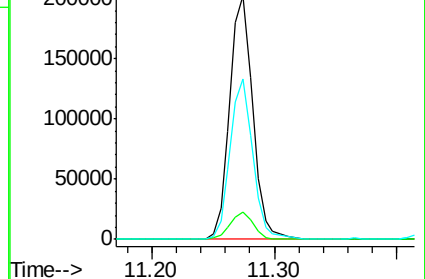
MMDadoda
6/5/2018 5:56:02 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.71 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002256.D

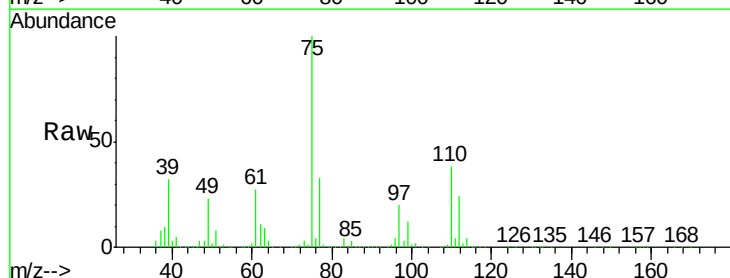
Acq: 04 Jun 2018 11:26

Tgt Ion: 75 Resp: 274084

Ion Ratio Lower Upper

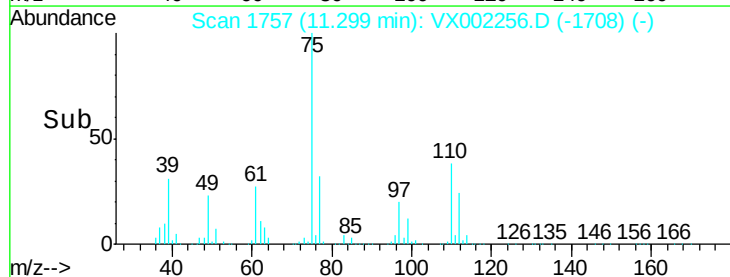
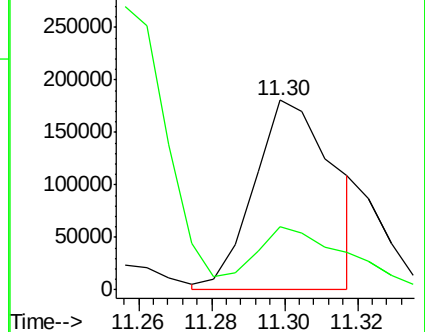
75 100

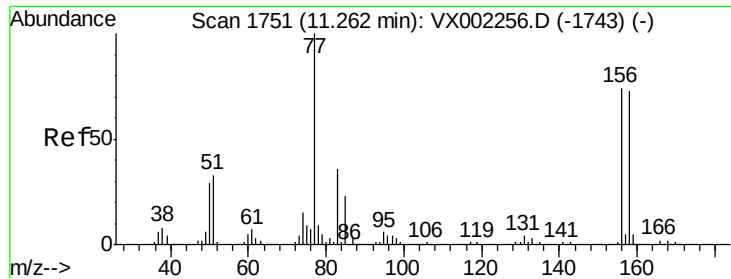
77 38.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.46 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

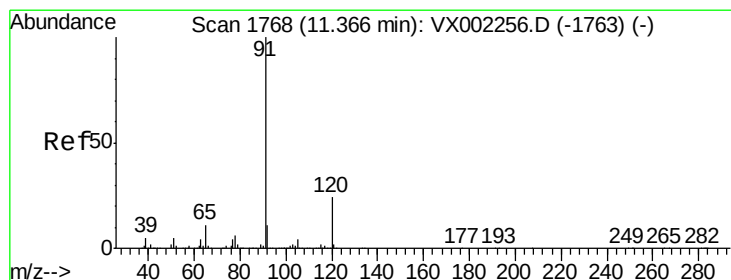
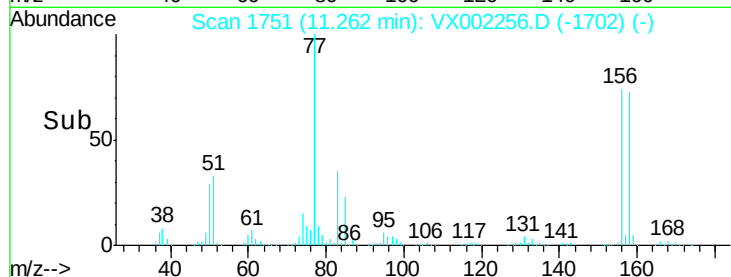
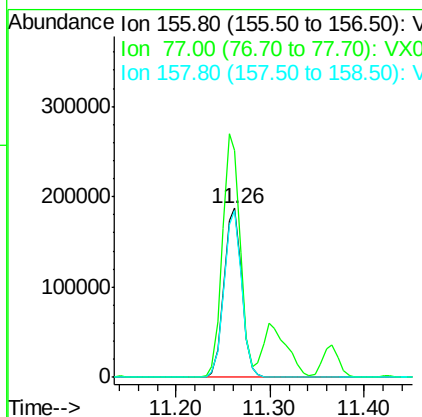
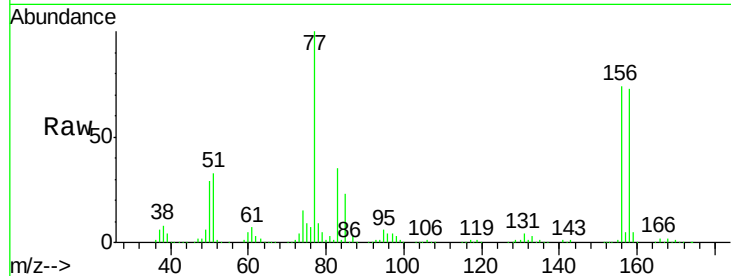
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		244882		
77	142.8	71.4	214.2		
158	97.7	48.9	146.6		

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#78

n-propylbenzene

Concen: 51.19 ug/l

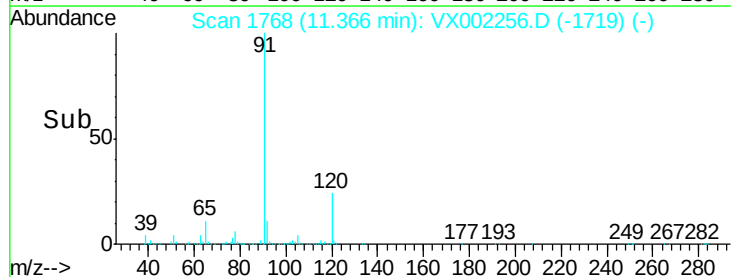
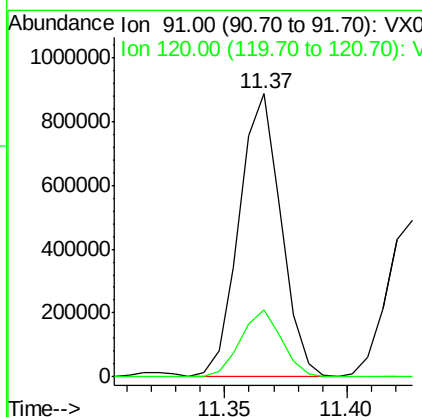
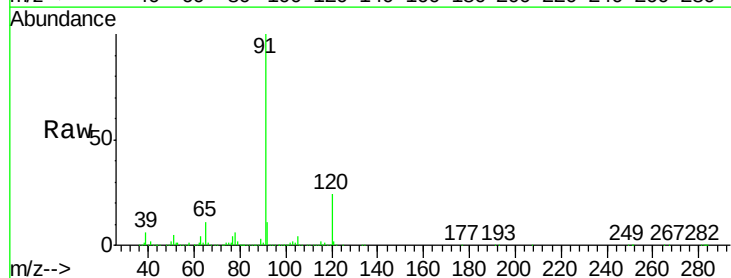
RT: 11.37 min Scan# 1768

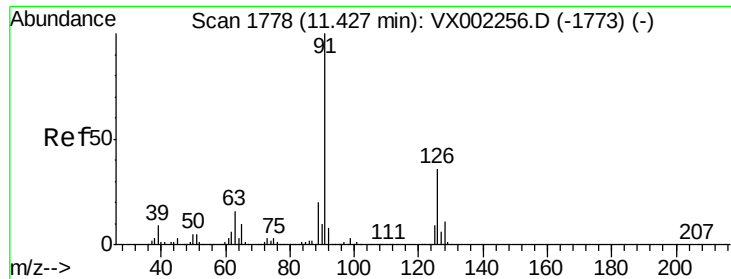
Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1045828		
120	23.6	11.8	35.4		





#79

2-Chlorotoluene

Concen: 47.60 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 614070

Ion Ratio Lower Upper

91 100

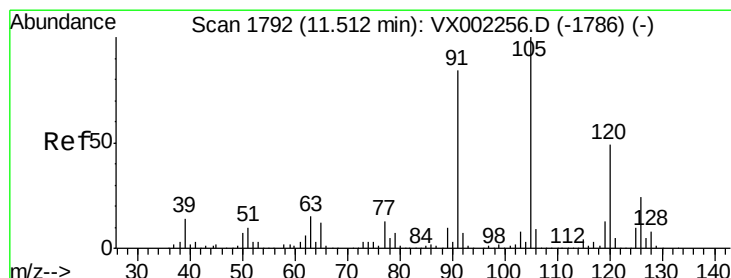
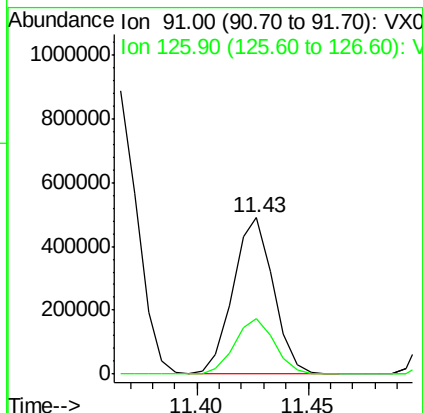
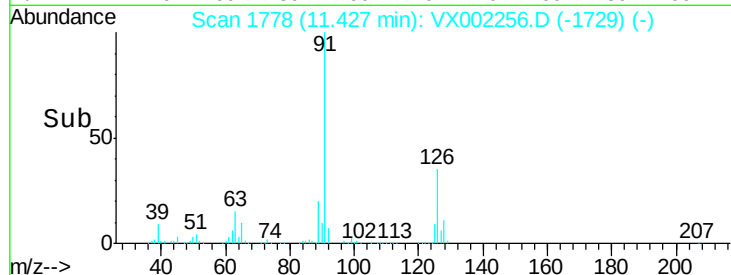
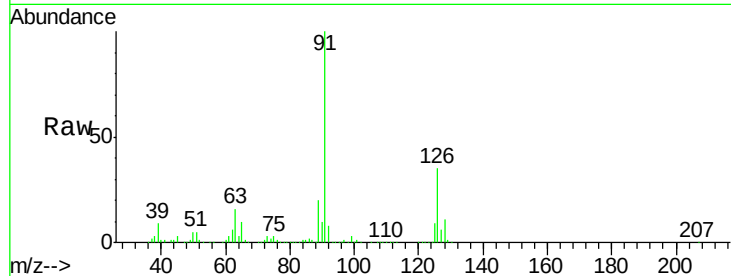
126 35.4 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002256.D

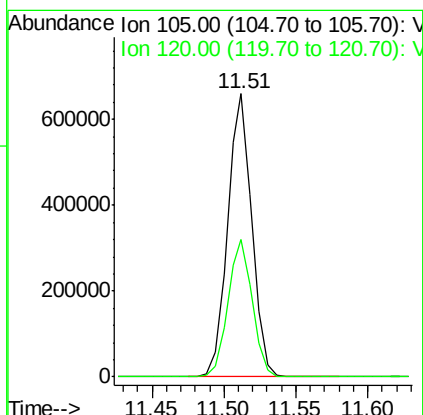
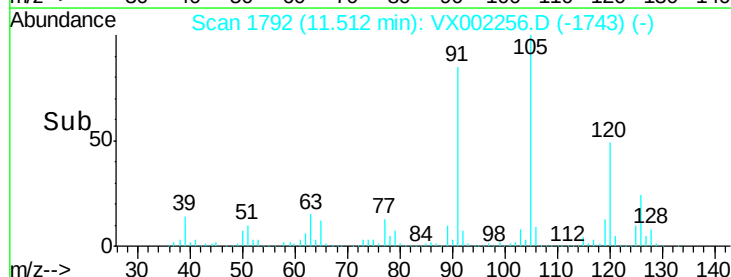
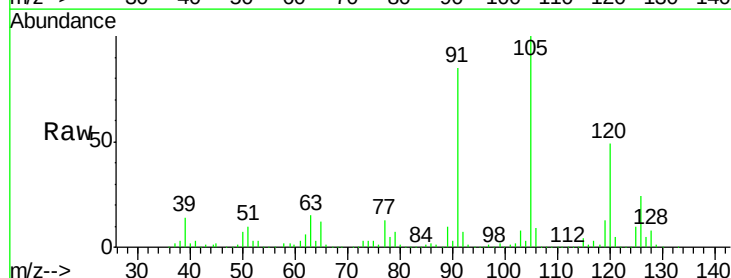
Acq: 04 Jun 2018 11:26

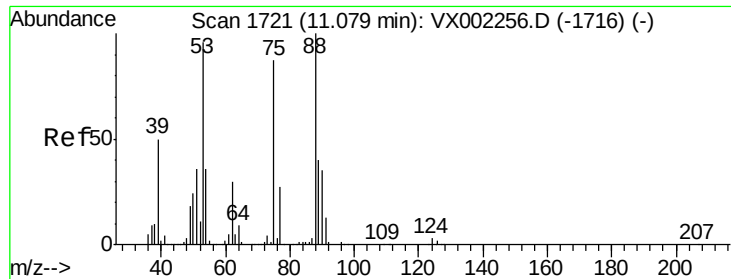
Tgt Ion: 105 Resp: 777836

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





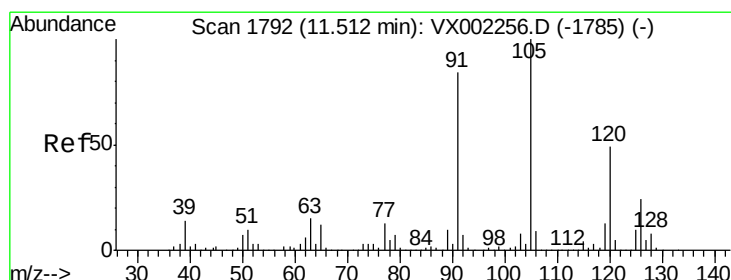
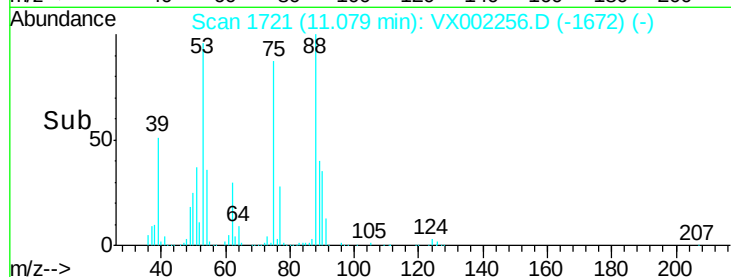
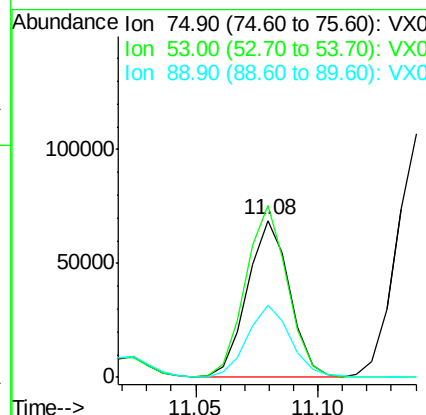
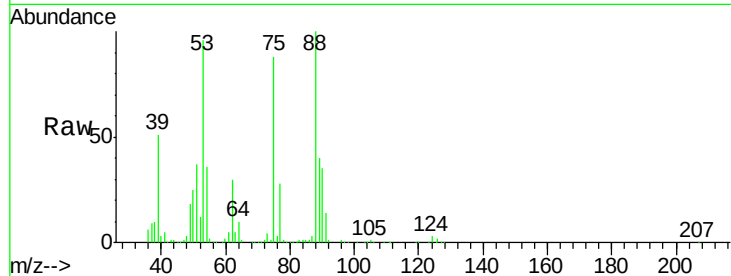
#81
trans-1,4-Dichloro-2-butene
Concen: 49.79 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.5	86.8	130.2
89	47.7	38.2	57.2

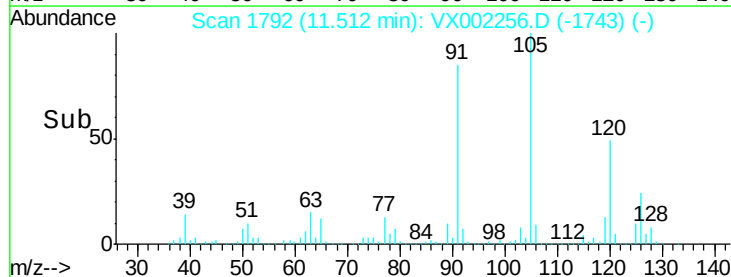
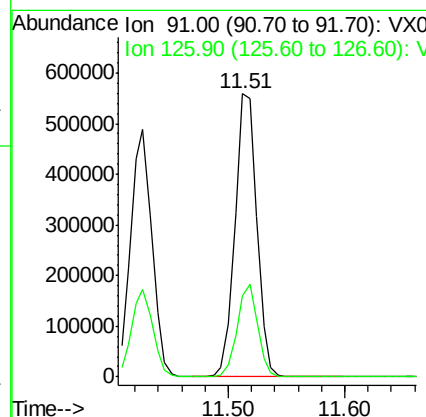
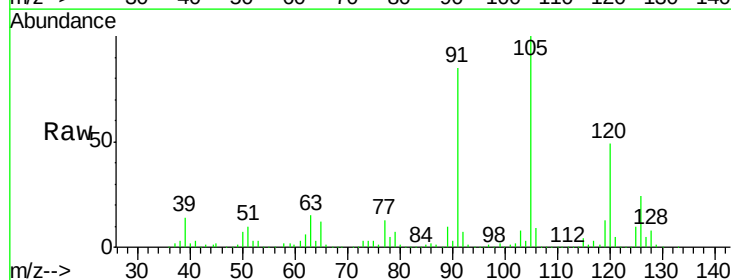
Manual Integrations
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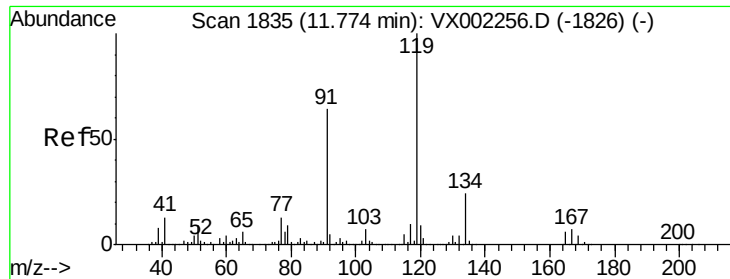
MMDadoda
6/5/2018 5:56:02 PM



#82
4-Chlorotoluene
Concen: 49.24 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





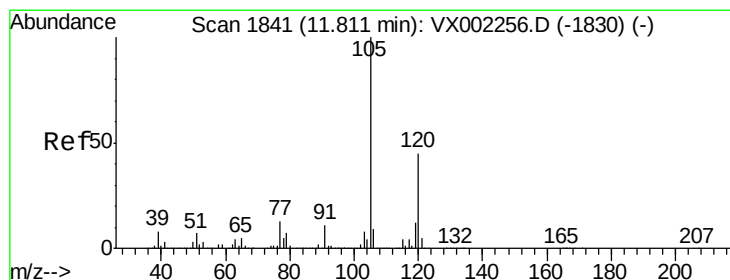
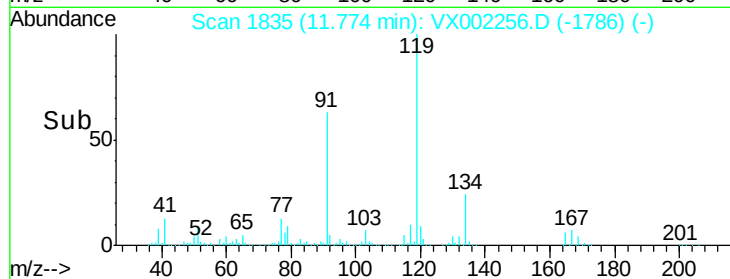
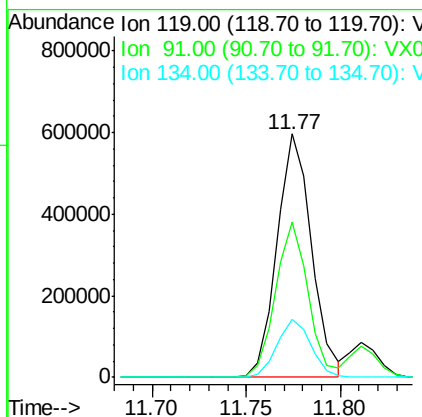
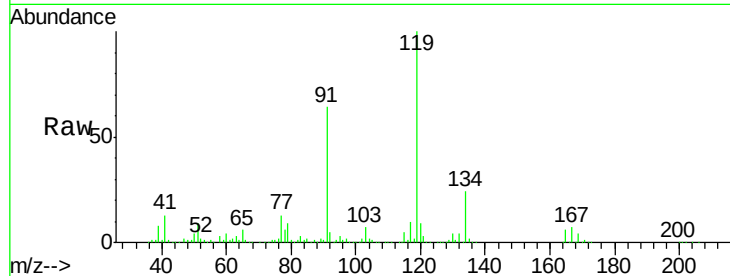
#83
 tert-Butylbenzene
 Concen: 49.26 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	756289		
91	60.6		30.3	90.9
134	23.4		11.7	35.1

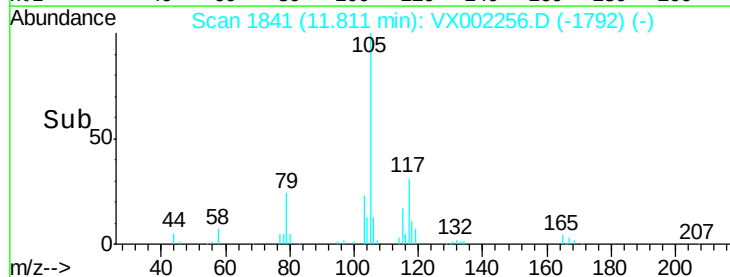
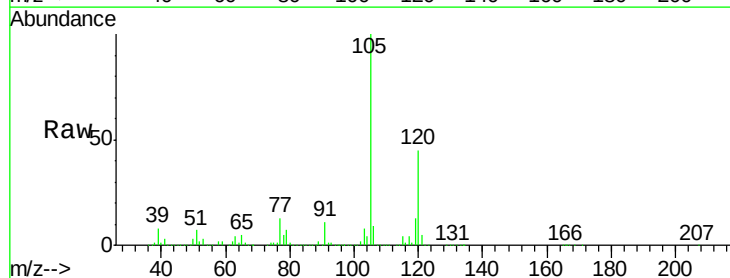
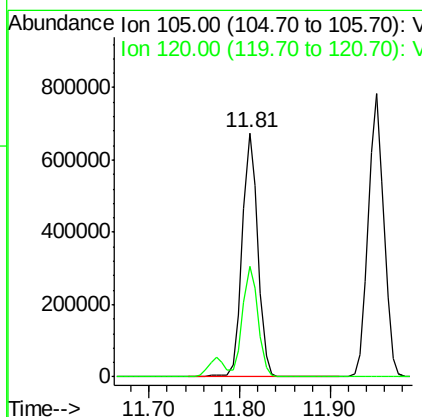
Manual Integrations
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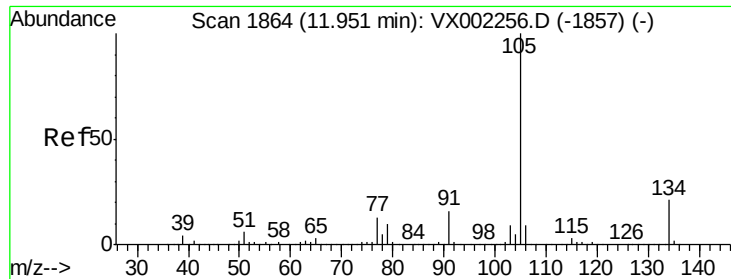
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.52 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	803607		
120	44.5		22.3	66.8





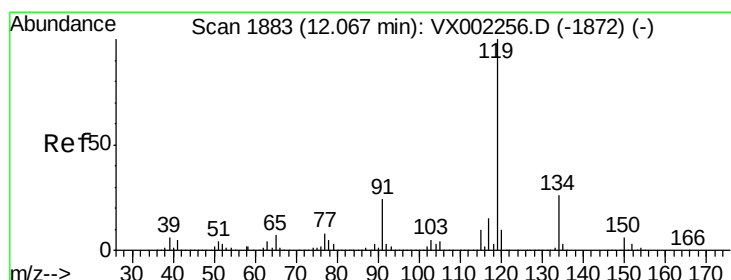
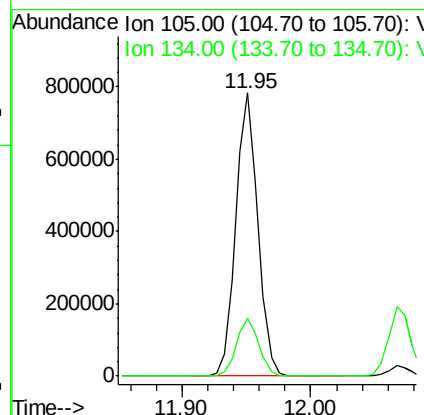
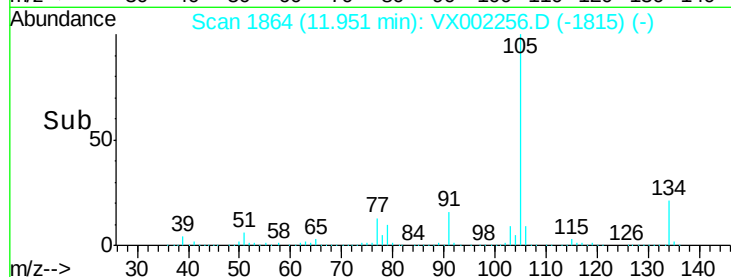
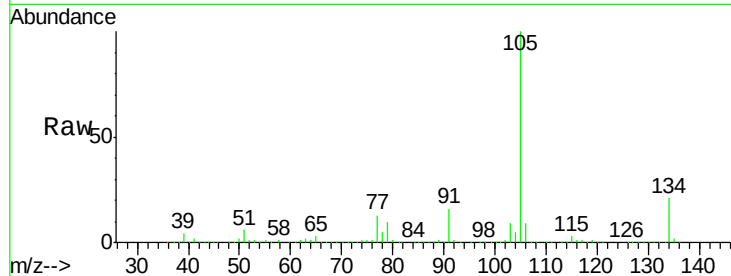
#85
 sec-Butylbenzene
 Concen: 52.02 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion:105 Resp: 936153
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

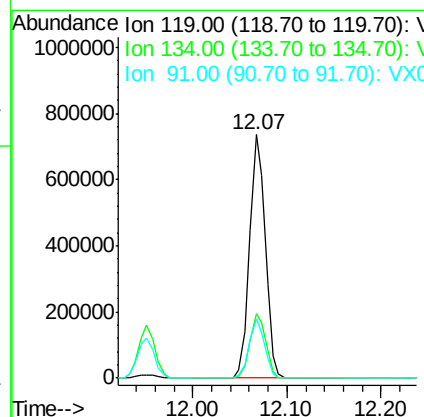
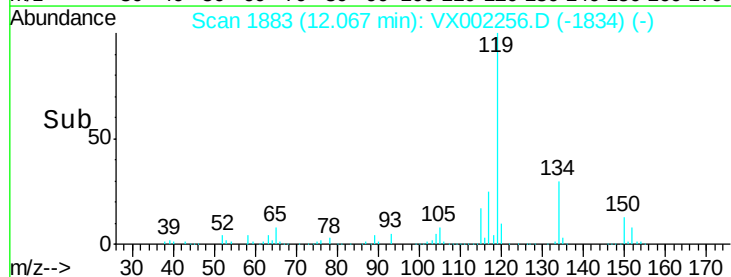
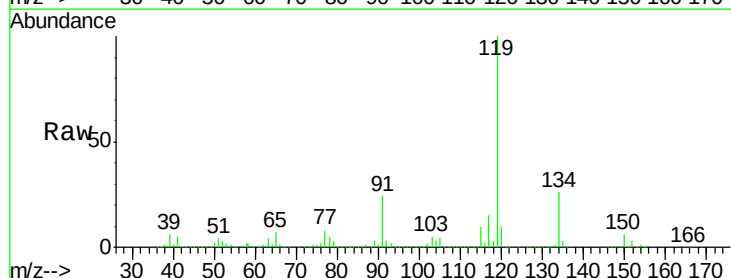
Manual Integrations
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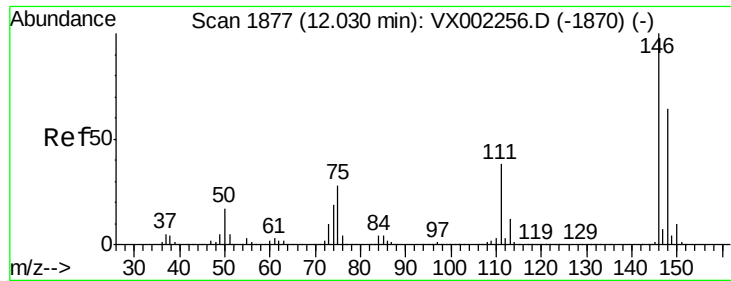
MMDadoda
 6/5/2018 5:56:02 PM



#86
 p-Isopropyltoluene
 Concen: 52.06 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion:119 Resp: 853424
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.8 11.9 35.7





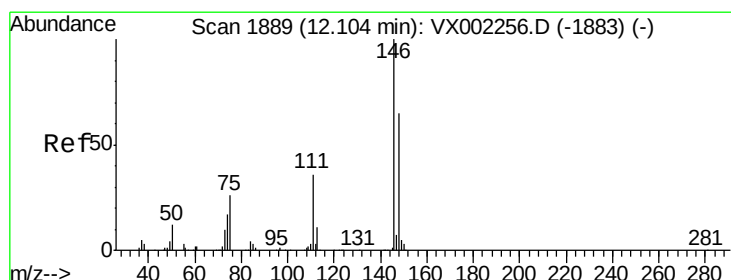
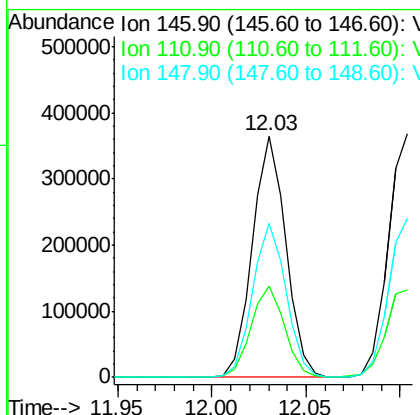
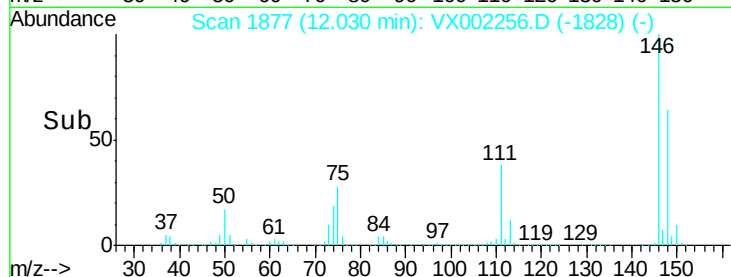
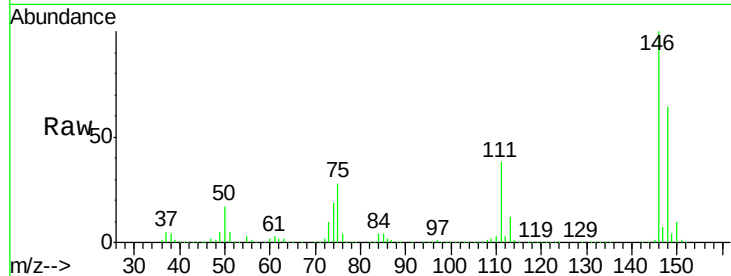
#87
 1,3-Dichlorobenzene
 Concen: 48.54 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.2	32.1	96.3

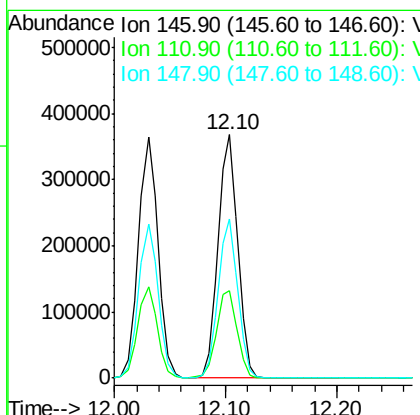
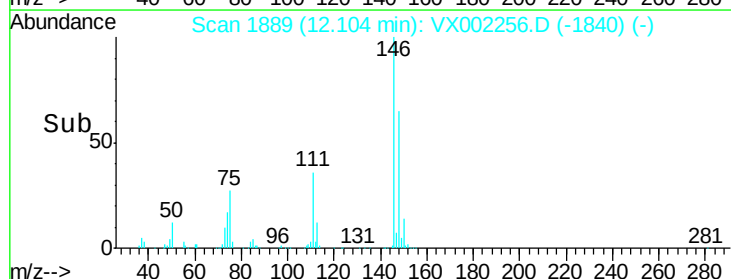
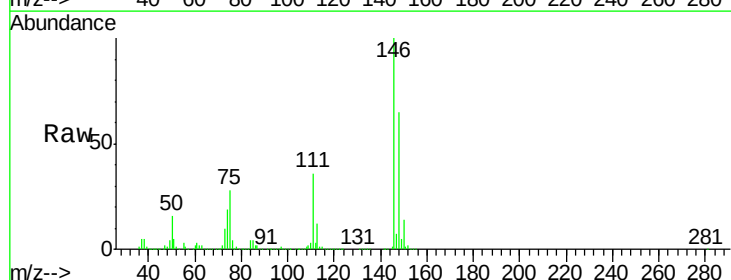
Manual Integrations
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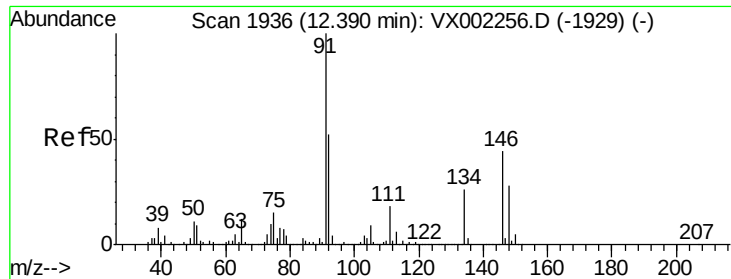
MMDadoda
 6/5/2018 5:56:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.36 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.7	32.4	97.0





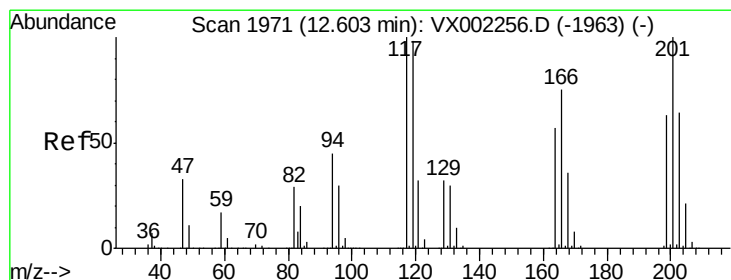
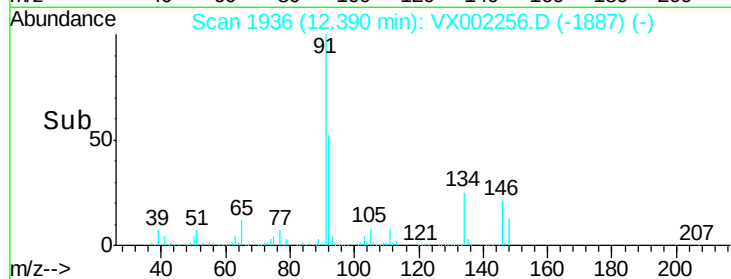
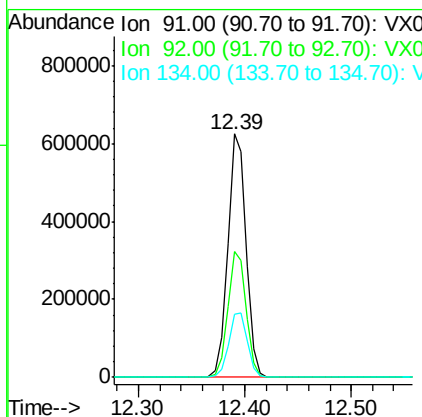
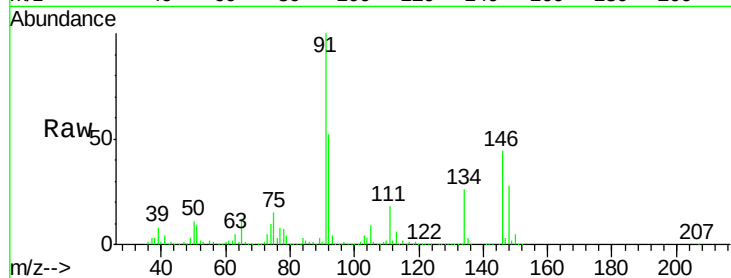
#89
n-Butylbenzene
Concen: 54.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.0	13.5	40.5

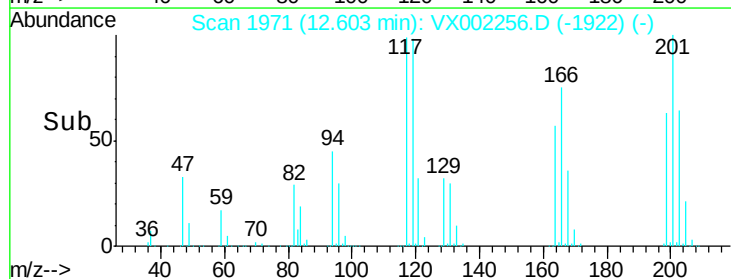
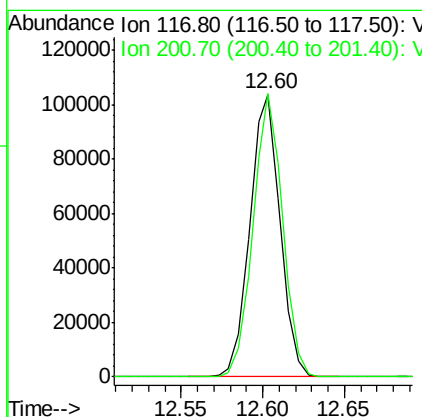
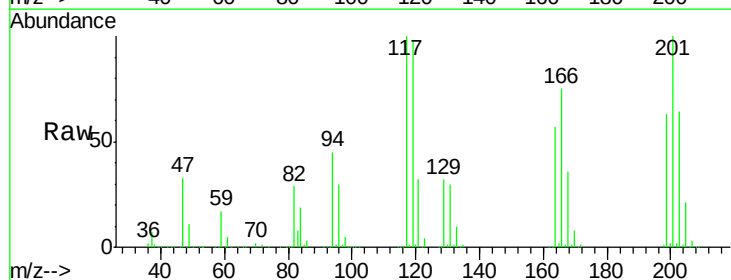
Manual Integrations
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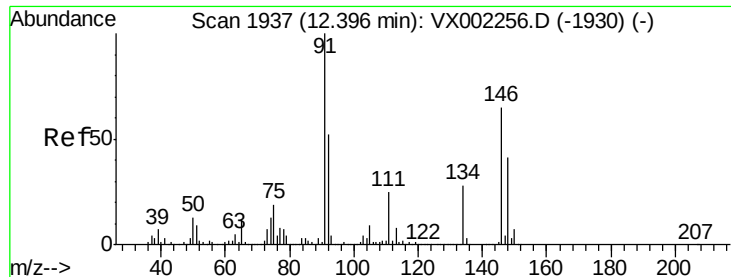
MMDadoda
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#90
Hexachloroethane
Concen: 50.84 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.0	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 48.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:146 Resp: 459083

Ion Ratio Lower Upper

146 100

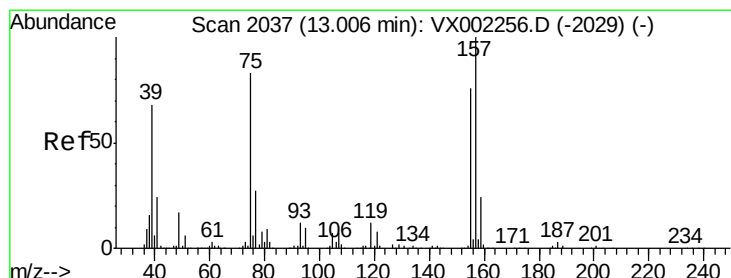
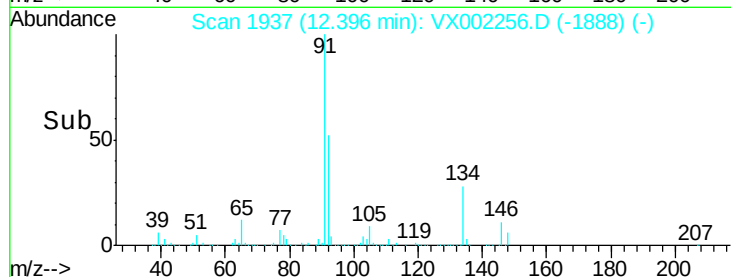
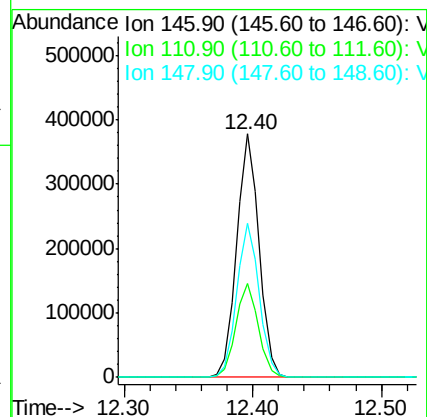
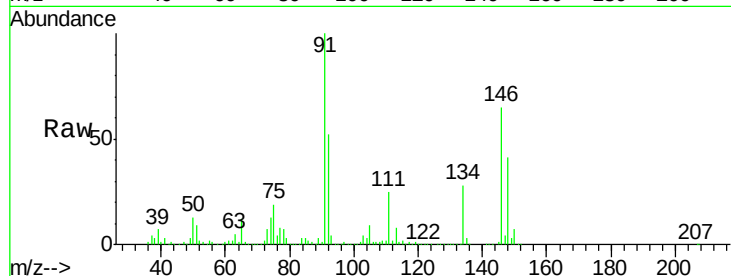
111 38.7 19.4 58.1

148 63.4 31.7 95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.74 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

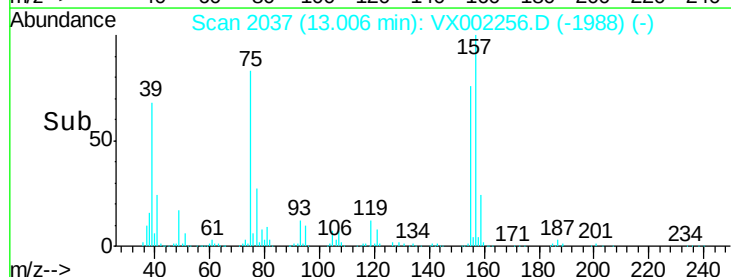
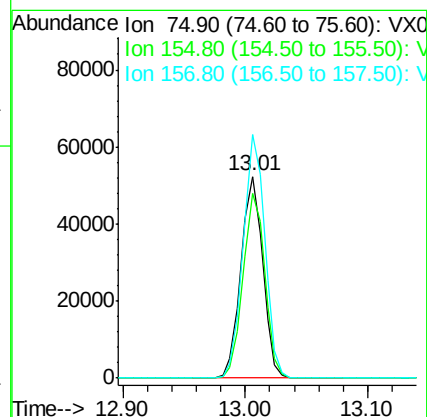
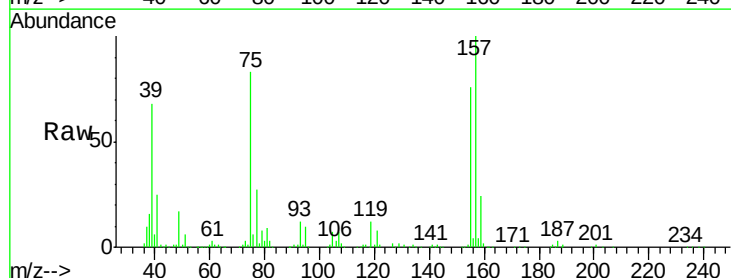
Tgt Ion: 75 Resp: 64144

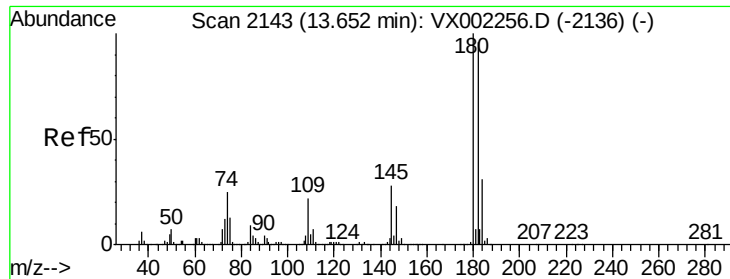
Ion Ratio Lower Upper

75 100

155 91.6 45.8 137.4

157 120.2 60.1 180.3





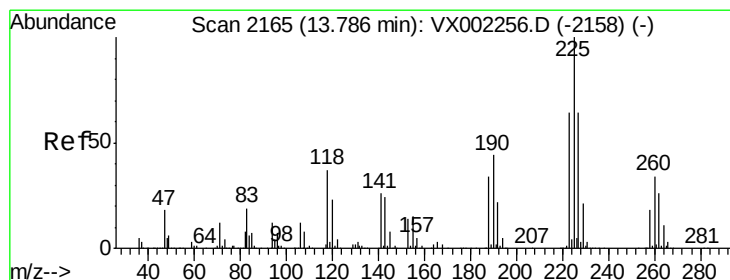
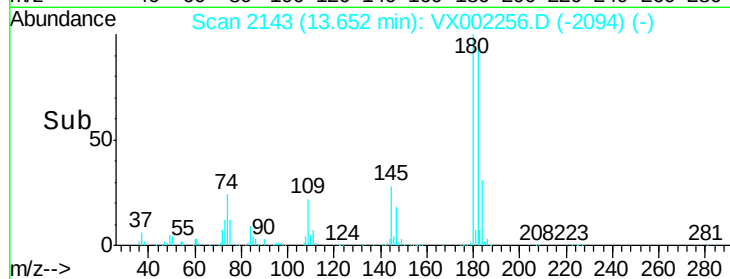
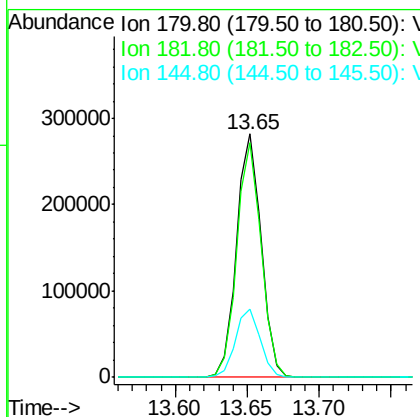
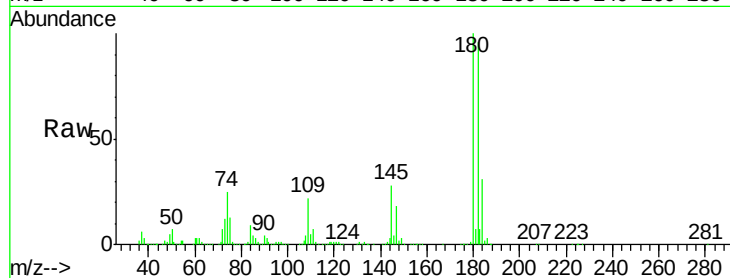
#93
 1,2,4-Trichlorobenzene
 Concen: 50.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	336000		
182	95.4	47.7	143.1	
145	28.3	14.1	42.4	

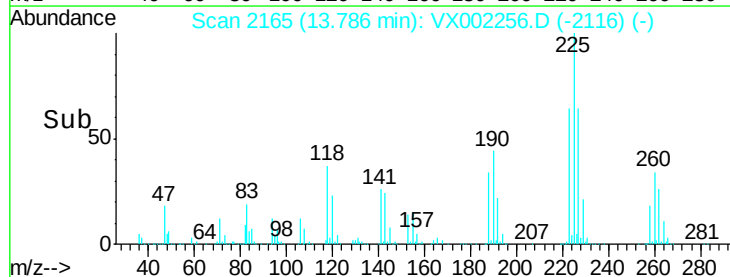
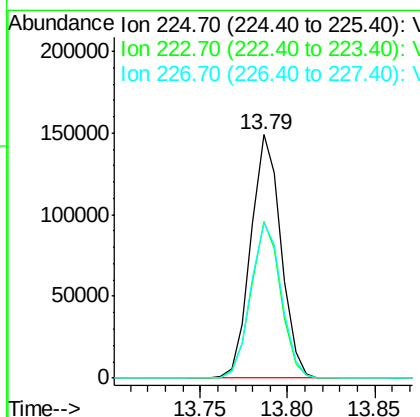
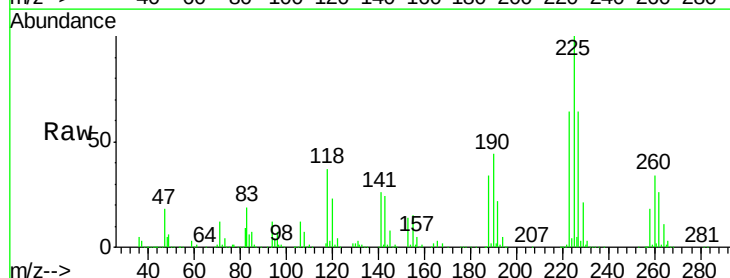
Manual Integrations
 APPROVED

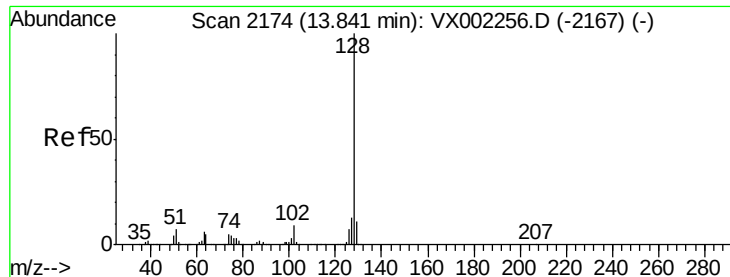
MMDadoda
 6/5/2018 5:56:02 PM



#94
 Hexachlorobutadiene
 Concen: 53.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178136		
223	63.3	31.6	95.0	
227	64.8	32.4	97.2	





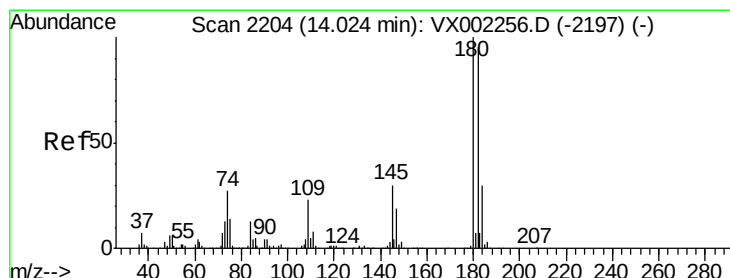
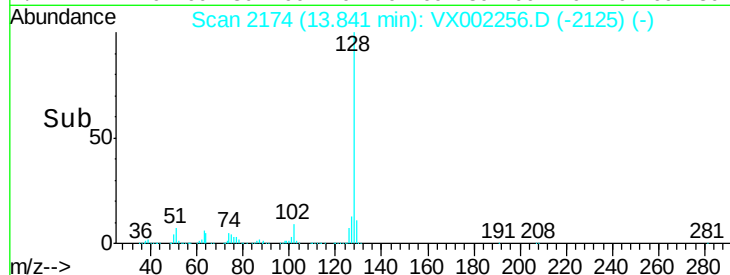
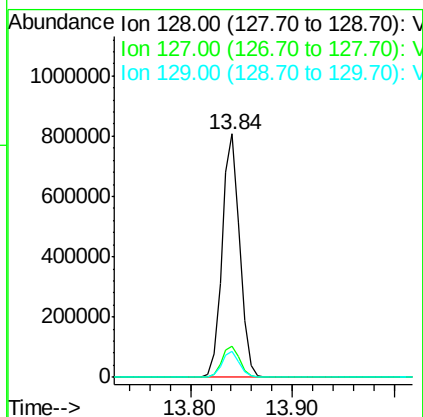
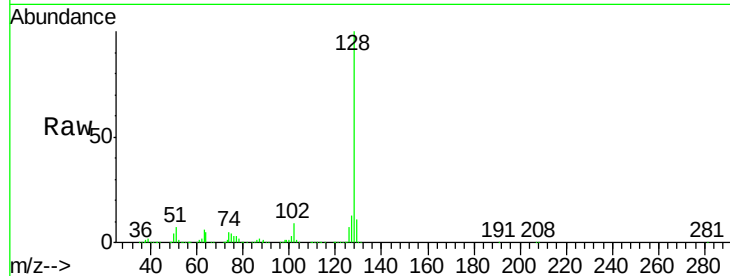
#95
Naphthalene
Concen: 50.34 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.07 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	29.5	14.8	44.3

