

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003242.D
 Acq On : 09 Jul 2018 12:43
 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
 7/10/2018 3:11:44 PM

Quant Time: Jul 09 15:09:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196286	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	5.51	113	164547	65.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.48%	
50) Toluene-d8	8.72	98	611975	66.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.88%	
62) 4-Bromofluorobenzene	11.14	95	229014	64.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	198163	78.65	ug/l	100
3) Chloromethane	1.32	50	169136	63.93	ug/l	99
4) Vinyl Chloride	1.41	62	175743	61.26	ug/l	100
5) Bromomethane	1.64	94	54341	30.69	ug/l	100
6) Chloroethane	1.71	64	97545	51.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	258180	53.35	ug/l	99
8) Diethyl Ether	2.19	74	91594	52.07	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150101	53.53	ug/l	96
10) Methyl Iodide	2.51	142	160939	61.58	ug/l	97
11) Tert butyl alcohol	3.09	59	180134	257.91	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133518	53.37	ug/l	89
13) Acrolein	2.29	56	143203	345.34	ug/l	99
14) Allyl chloride	2.73	41	253887	51.48	ug/l	94
15) Acrylonitrile	3.15	53	382339	256.29	ug/l	99
16) Acetone	2.45	43	336582	231.81	ug/l	96
17) Carbon Disulfide	2.57	76	376840	56.54	ug/l	99
18) Methyl Acetate	2.78	43	197114	48.56	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	454220	50.50	ug/l	98
20) Methylene Chloride	2.85	84	148099	52.41	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	145570	53.43	ug/l	93
22) Diisopropyl ether	3.88	45	516343	54.78	ug/l	98
23) Vinyl Acetate	3.83	43	2259410	283.07	ug/l	97
24) 1,1-Dichloroethane	3.70	63	264988	51.72	ug/l	99
25) 2-Butanone	4.71	43	615101	285.45	ug/l	95
26) 2,2-Dichloropropane	4.59	77	234922	56.39	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	182289	59.67	ug/l	92
28) Bromochloromethane	5.03	49	139781	57.00	ug/l	85
29) Tetrahydrofuran	5.17	42	394886	285.76	ug/l	94
30) Chloroform	5.22	83	303491	57.72	ug/l	97
31) Cyclohexane	5.57	56	255676	58.15	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	265135	57.31	ug/l	98
36) 1,1-Dichloropropene	5.80	75	219286	62.78	ug/l	98
37) Ethyl Acetate	4.87	43	234826	62.44	ug/l	97
38) Carbon Tetrachloride	5.78	117	243667	63.57	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	257737	63.35	ug/l	97
40) Benzene	6.15	78	645781	63.63	ug/l	100
41) Methacrylonitrile	5.07	41	133005	61.42	ug/l	95
42) 1,2-Dichloroethane	6.20	62	237737	57.99	ug/l	97
43) Isopropyl Acetate	6.47	43	379387	60.15	ug/l	97
44) Trichloroethene	7.21	130	192435	63.60	ug/l	99
45) 1,2-Dichloropropane	7.52	63	164326	61.04	ug/l	100
46) Dibromomethane	7.67	93	115157	61.64	ug/l	94
47) Bromodichloromethane	7.90	83	218236	63.19	ug/l	97
48) Methyl methacrylate	7.78	41	199728	61.46	ug/l	93
49) 1,4-Dioxane	7.76	88	82211	1300.22	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1225103	310.45	ug/l	97
52) Toluene	8.79	92	416976	64.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	261788	66.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	239009	63.50	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	168603	63.11	ug/l	98
56) Ethyl methacrylate	9.18	69	245337	62.83	ug/l	91
57) 1,3-Dichloropropane	9.38	76	274001	62.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	616822	327.46	ug/l	96
59) 2-Hexanone	9.50	43	936206	312.16	ug/l	95
60) Dibromochloromethane	9.59	129	187180	66.56	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180065	64.26	ug/l	99
64) Tetrachloroethene	9.34	164	214719	65.12	ug/l	98
65) Chlorobenzene	10.14	112	482909	64.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	180551	65.99	ug/l	99
67) Ethyl Benzene	10.26	91	810703	65.16	ug/l	100
68) m/p-Xylenes	10.36	106	638167	133.08	ug/l	96
69) o-Xylene	10.70	106	307300	65.81	ug/l	97
70) Styrene	10.71	104	506527	66.76	ug/l	98
71) Bromoform	10.86	173	150627	70.04	ug/l	100
73) Isopropylbenzene	11.02	105	829661	57.73	ug/l	99
74) N-amyl acetate	6.47	43	379387	53.95	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	248960	56.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	220356m	56.94	ug/l	
77) Bromobenzene	11.26	156	236444	57.77	ug/l	94
78) n-propylbenzene	11.36	91	943061	57.65	ug/l	98
79) 2-Chlorotoluene	11.43	91	556659	56.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	704608	58.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	72660	63.69	ug/l	94
82) 4-Chlorotoluene	11.51	91	656897	56.03	ug/l	98
83) tert-Butylbenzene	11.77	119	698733	58.57	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	729850	58.19	ug/l	98
85) sec-Butylbenzene	11.95	105	829124	57.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	764667	58.77	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	425307	56.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	431645	56.11	ug/l	99
89) n-Butylbenzene	12.39	91	635760	56.14	ug/l	99
90) Hexachloroethane	12.60	117	113720	58.76	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	430700	57.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56267	56.54	ug/l	92

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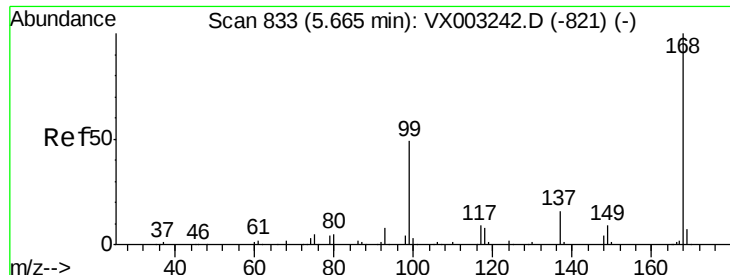
Manual Integrations
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7/10/2018 3:11:44 PM

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QLast Update : Mon Jul 09 14:57:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	321085	58.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	156917	57.30	ug/l	99
95) Naphthalene	13.84	128	889183	60.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325243	59.30	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 253661

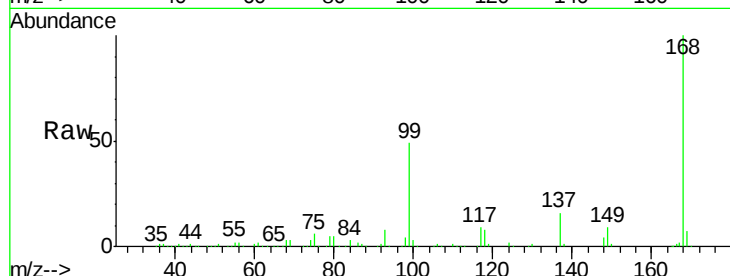
Ion Ratio Lower Upper

168 100

99 49.2 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

5.67

80000

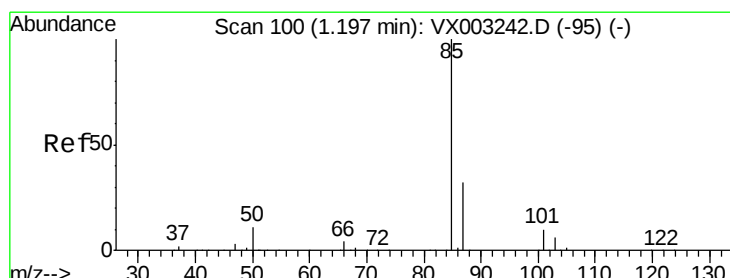
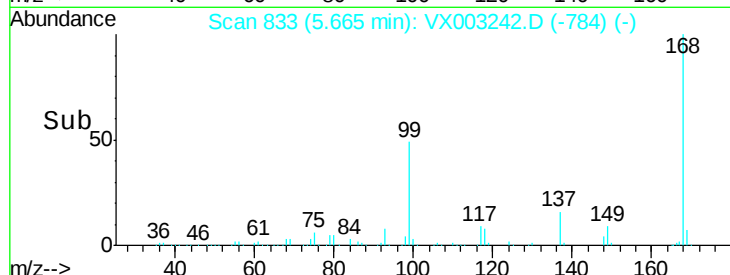
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 78.65 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003242.D

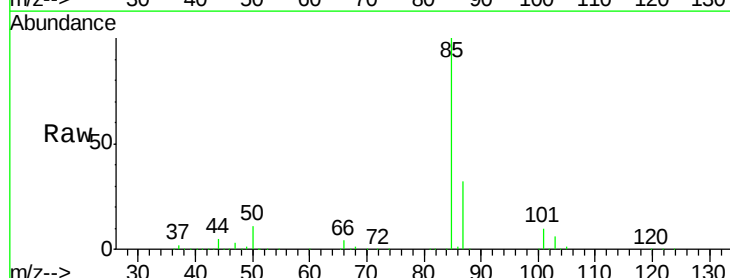
Acq: 09 Jul 2018 12:43

Tgt Ion: 85 Resp: 198163

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

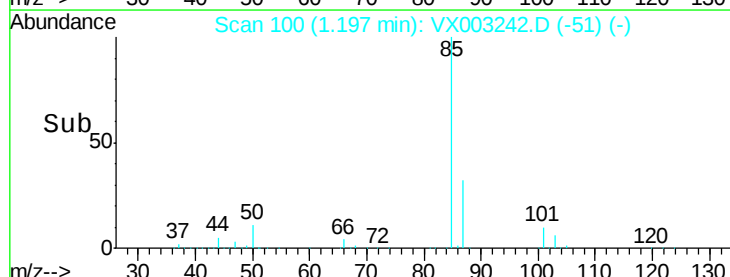
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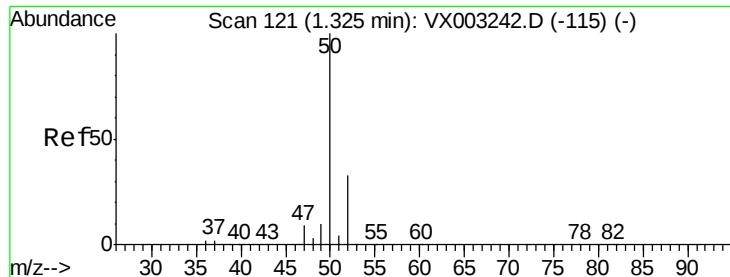
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50000

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Time-->





#3

Chloromethane

Concen: 63.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 169136

Ion Ratio Lower Upper

50 100

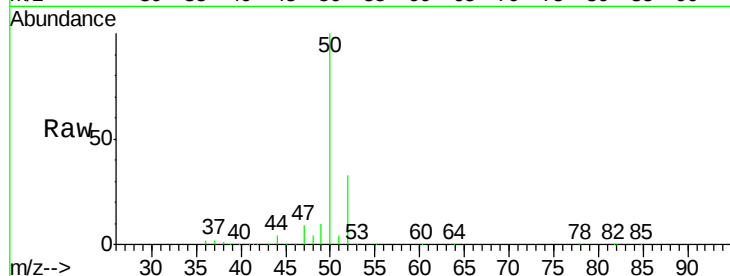
52 32.7 25.7 38.5

Manual Integrations

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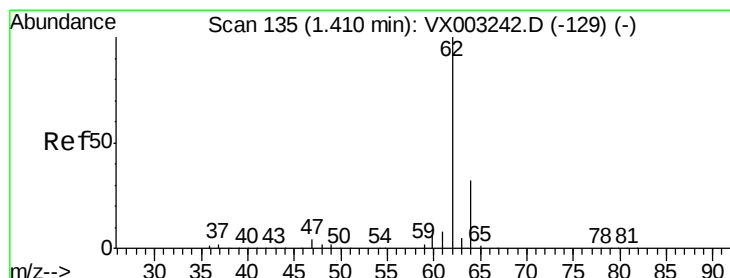
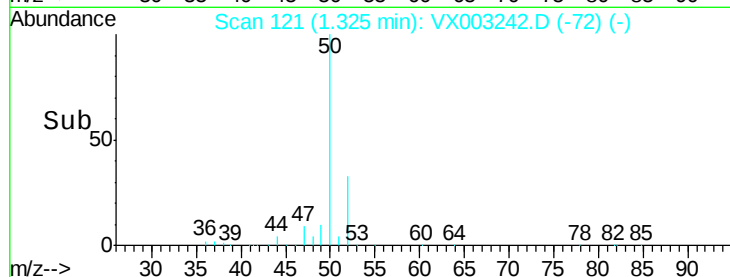
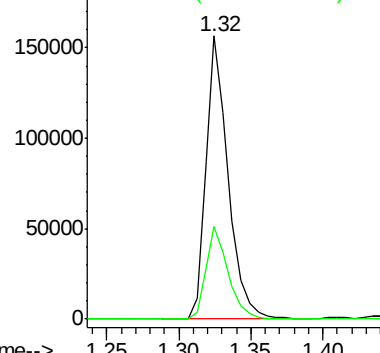
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 61.26 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX003242.D

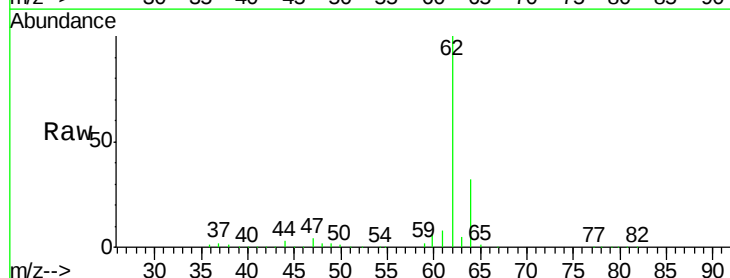
Acq: 09 Jul 2018 12:43

Tgt Ion: 62 Resp: 175743

Ion Ratio Lower Upper

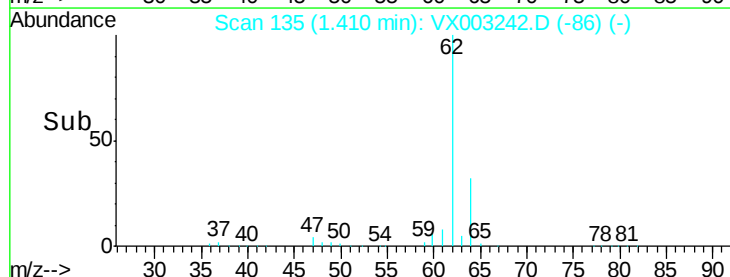
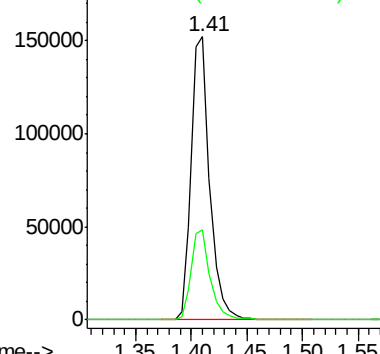
62 100

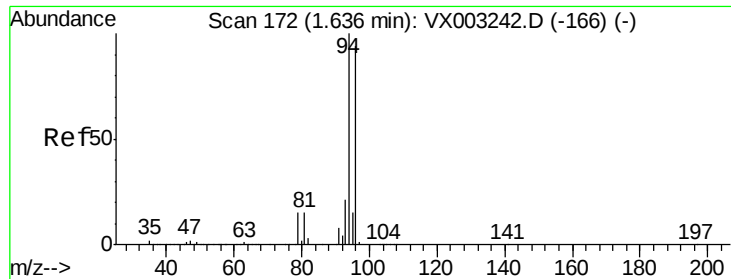
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 54341

Ion Ratio Lower Upper

94 100

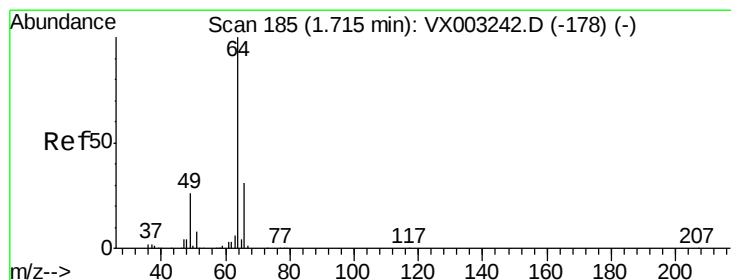
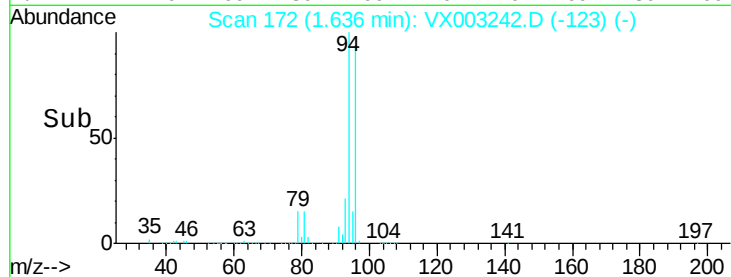
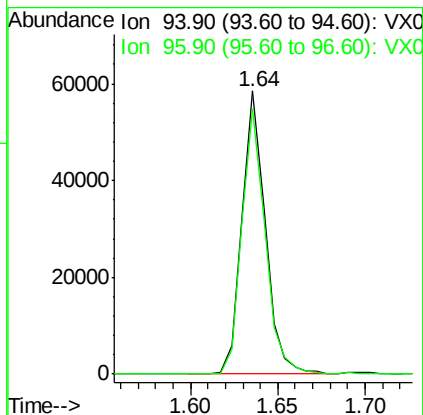
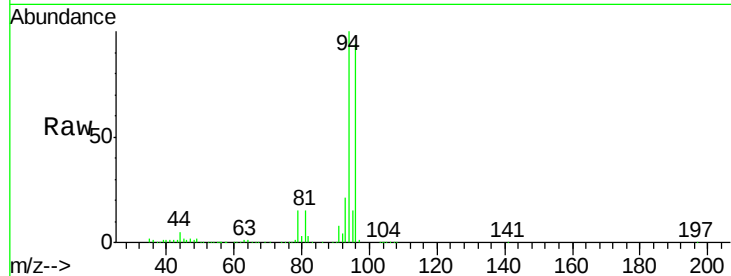
96 93.8 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 51.12 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003242.D

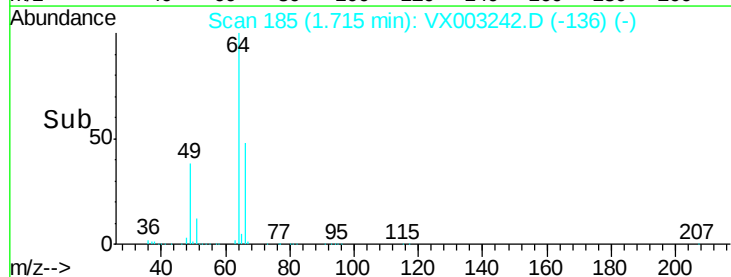
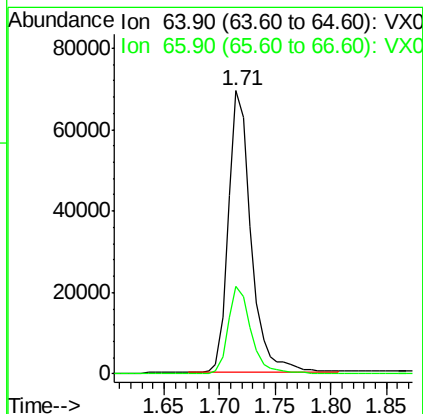
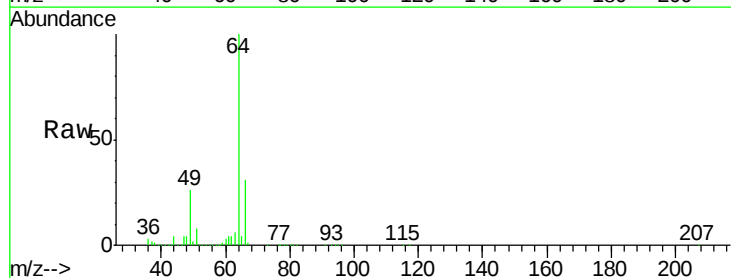
Acq: 09 Jul 2018 12:43

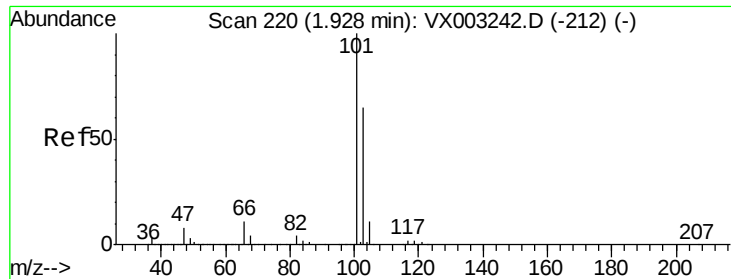
Tgt Ion: 64 Resp: 97545

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

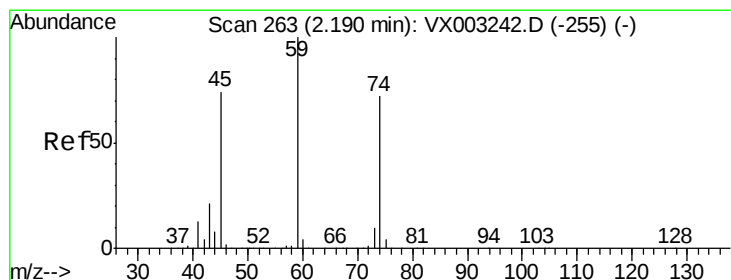
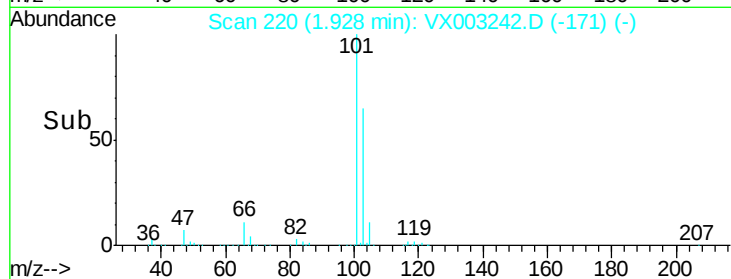
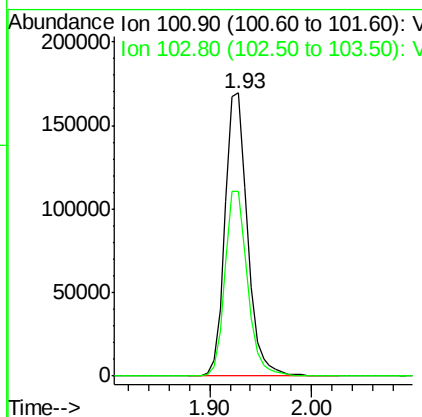
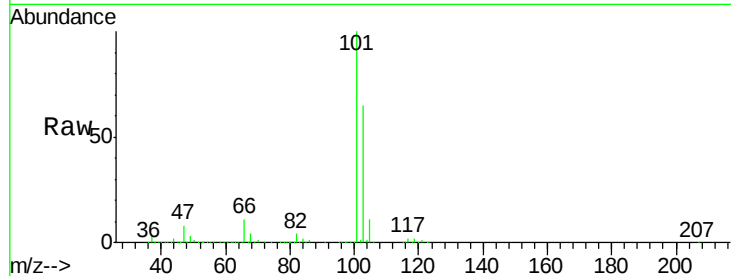
Trichlorofluoromethane
Concen: 53.35 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.8	79.2

Manual Integrations
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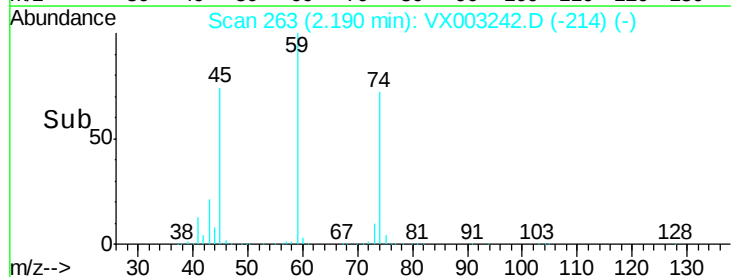
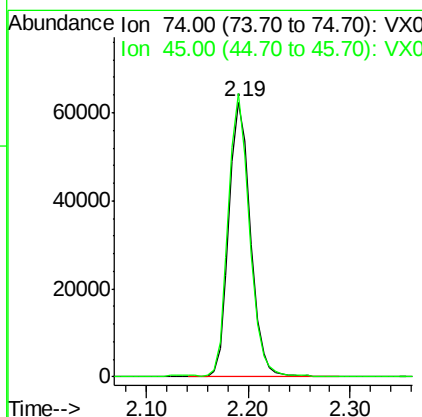
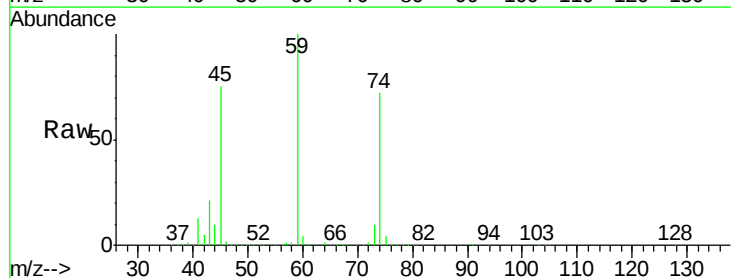
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7/10/2018 3:11:44 PM

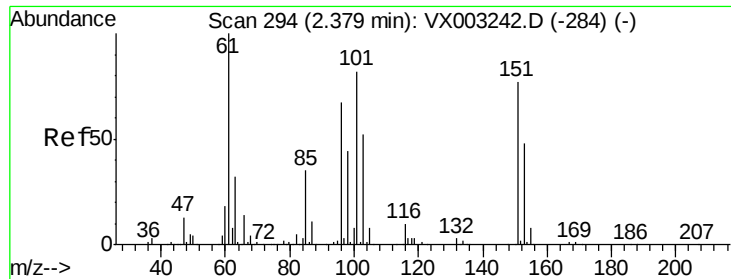


#8

Diethyl Ether
Concen: 52.07 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.53 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

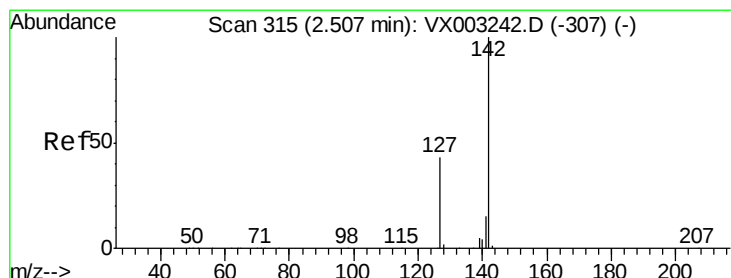
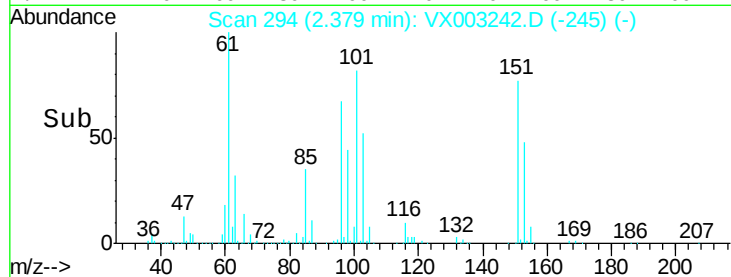
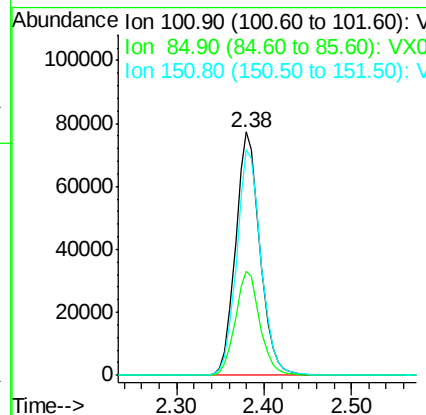
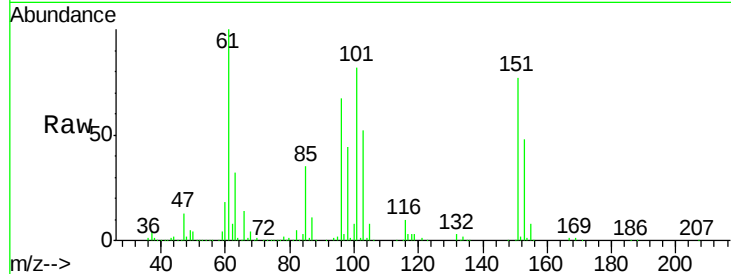
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	150101
Ion Ratio	Lower	Upper	
101	100		
85	43.0	36.0	54.0
151	92.9	70.9	106.3

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#10

Methyl Iodide

Concen: 61.58 ug/l

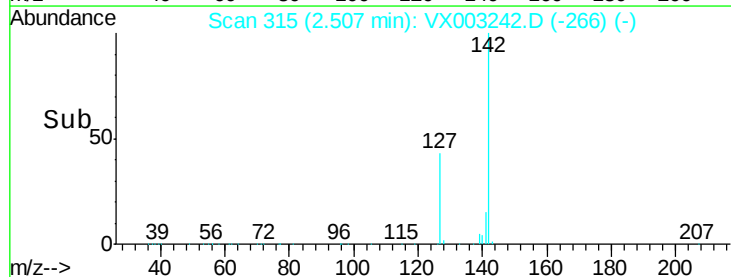
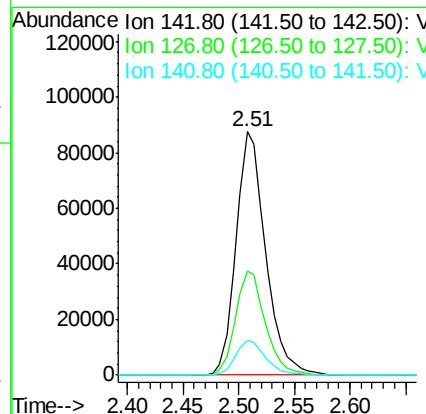
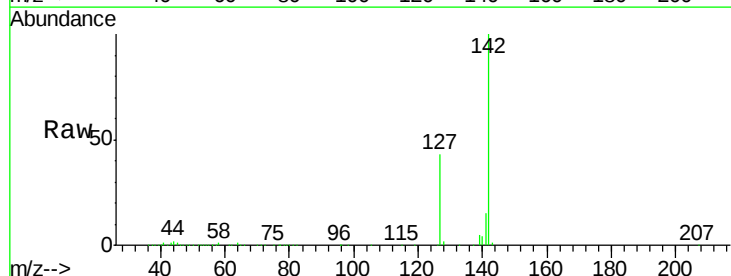
RT: 2.51 min Scan# 315

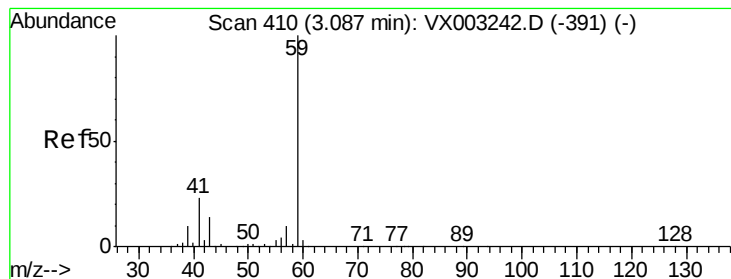
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	142	Resp:	160939
Ion Ratio	Lower	Upper	
142	100		
127	43.4	36.6	55.0
141	14.5	11.3	16.9





#11

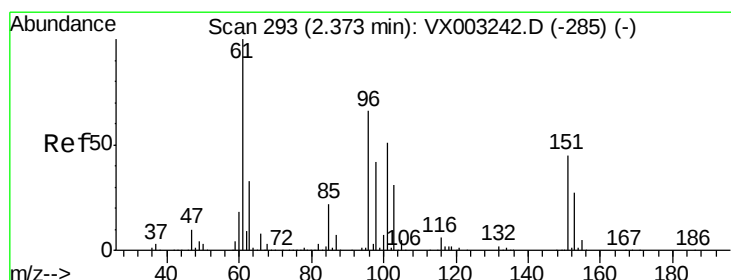
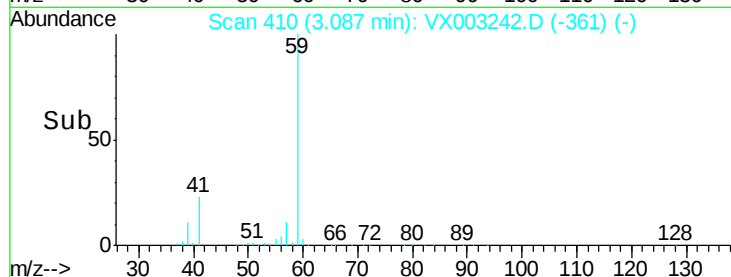
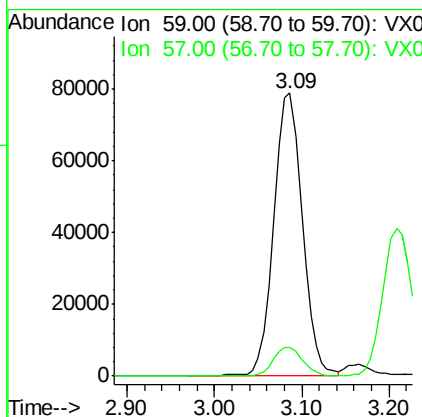
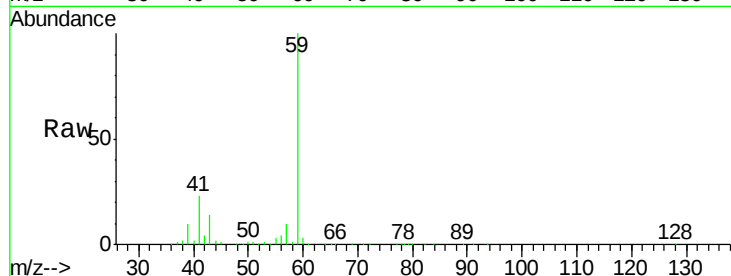
Tert butyl alcohol
Concen: 257.91 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

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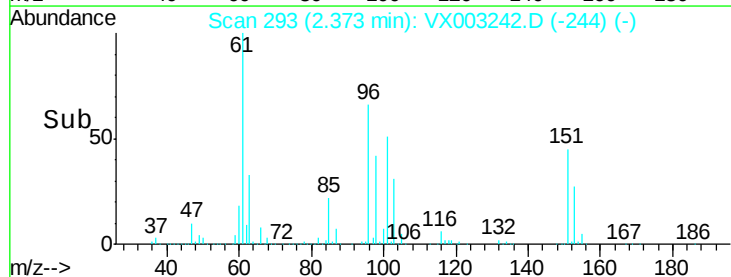
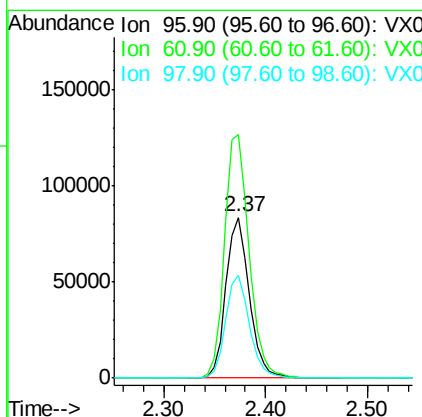
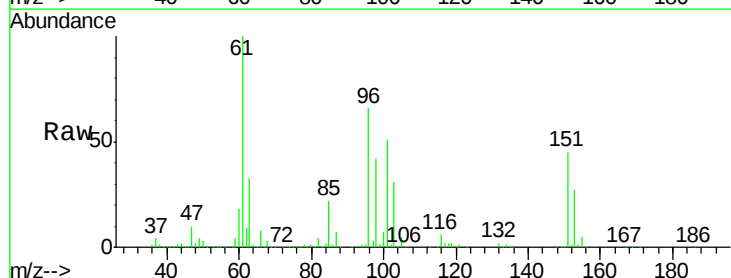
MMDadoda
7/10/2018 3:11:44 PM

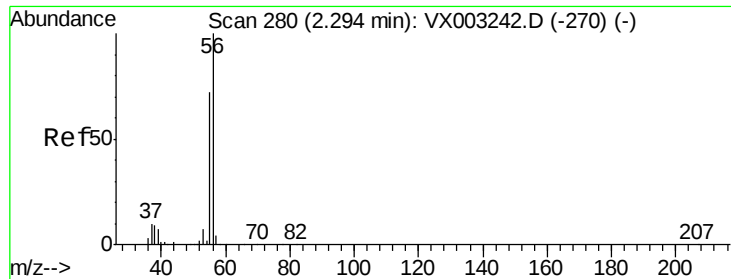


#12

1,1-Dichloroethene
Concen: 53.37 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	137.9	206.9
98	64.1	51.6	77.4





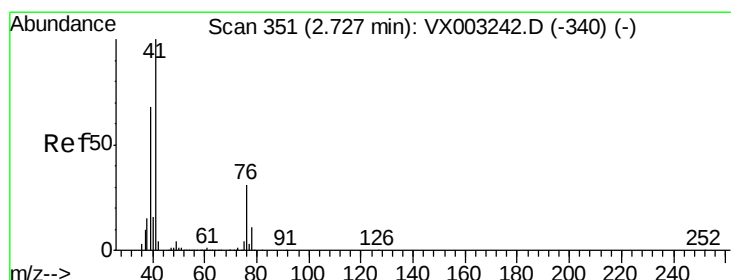
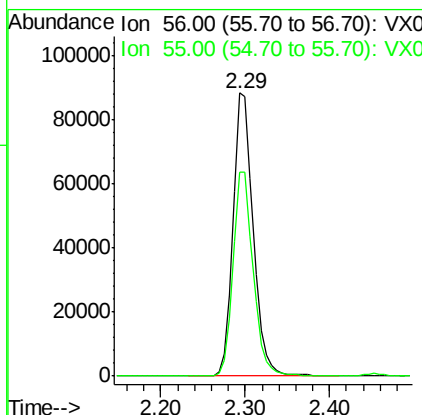
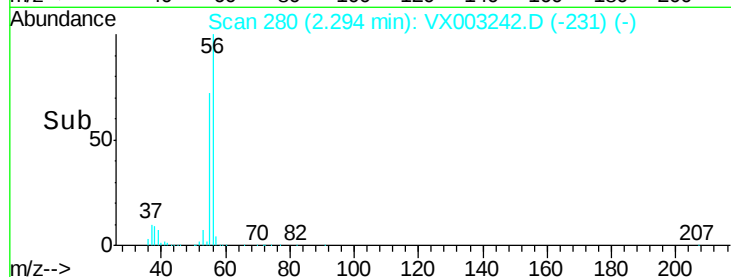
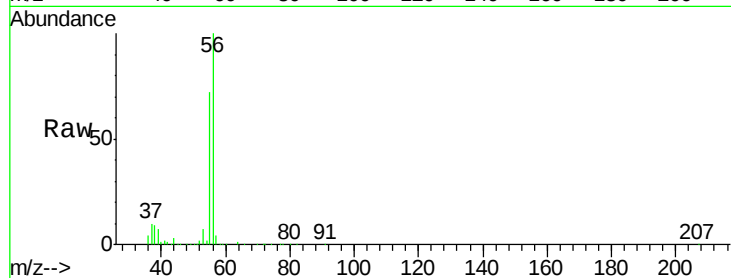
#13
Acrolein
Concen: 345.34 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	57.0	85.4

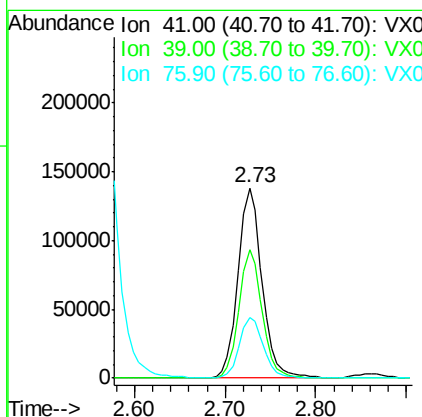
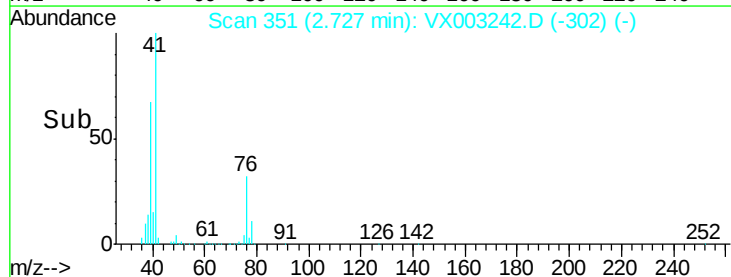
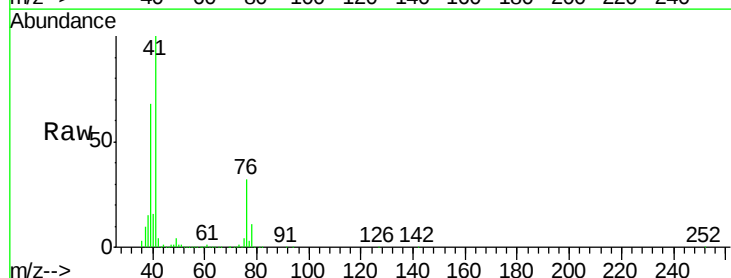
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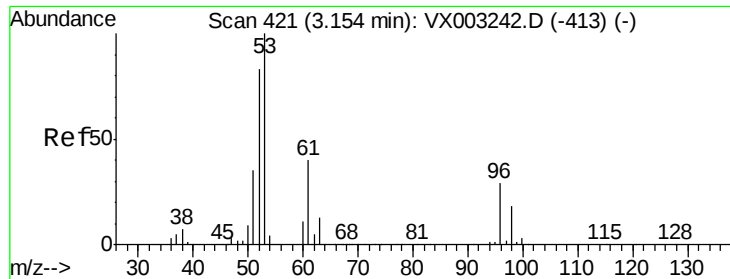
MMDadoda
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#14
Allyl chloride
Concen: 51.48 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.4	56.8	85.2
76	31.7	23.8	35.8





#15

Acrylonitrile

Concen: 256.29 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

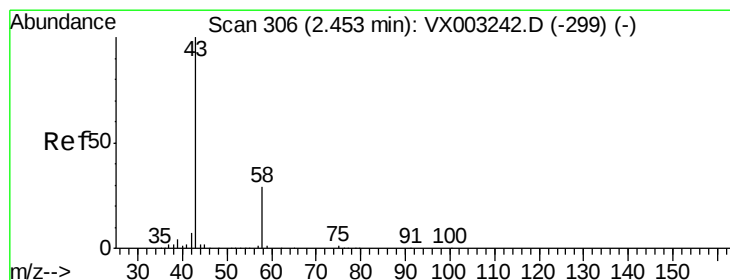
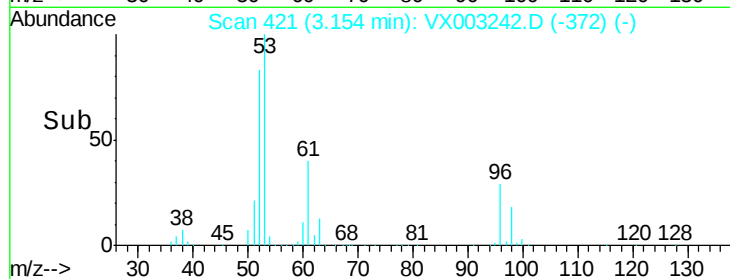
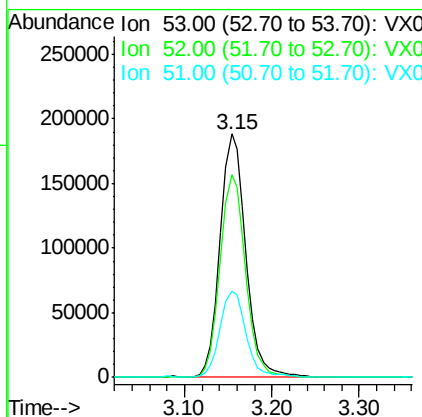
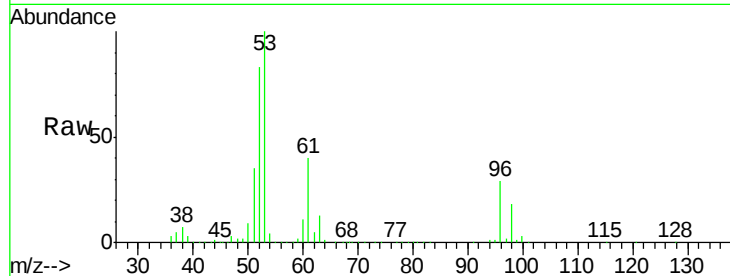
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	382339
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.7	100.1
51	36.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 231.81 ug/l

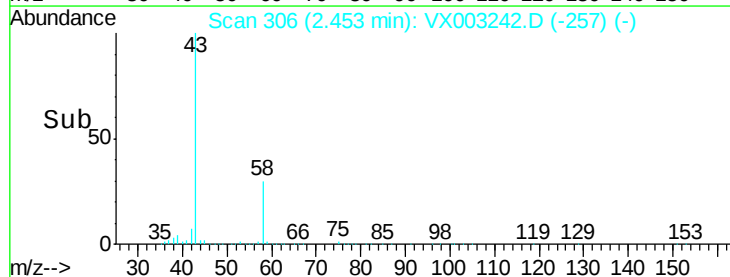
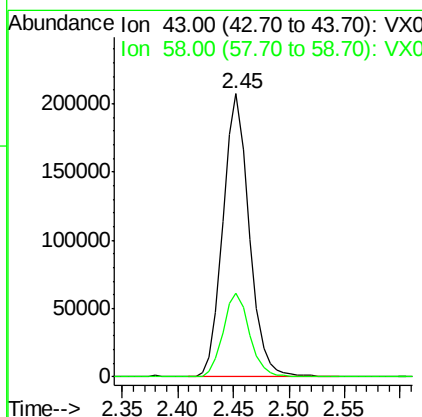
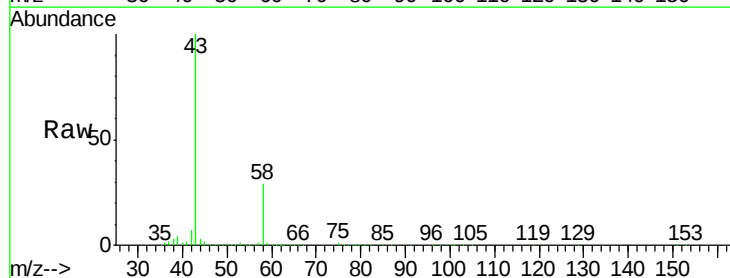
RT: 2.45 min Scan# 306

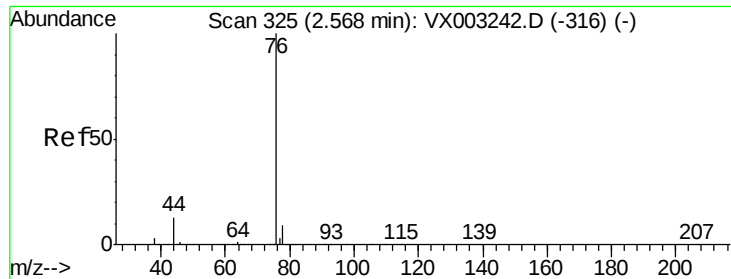
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	43	Resp:	336582
Ion Ratio	Lower	Upper	
43	100		
58	29.5	22.1	33.1





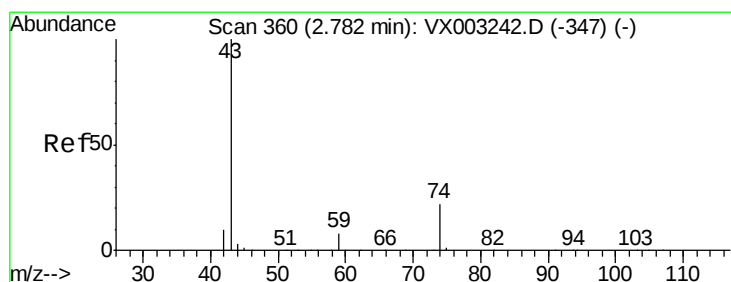
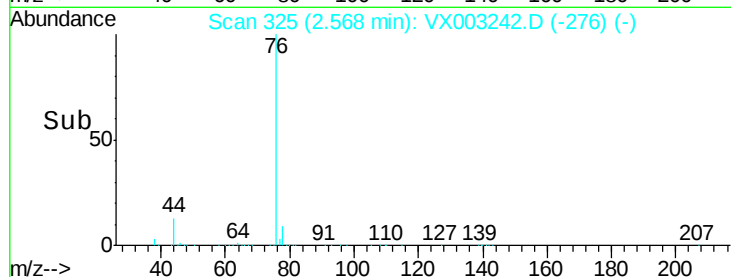
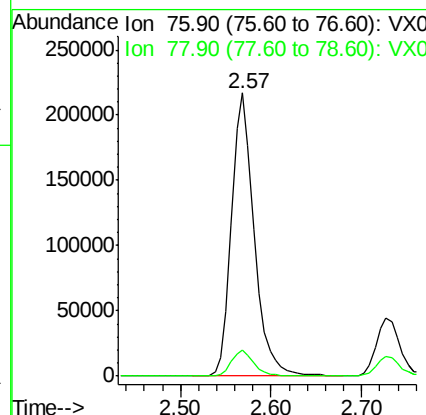
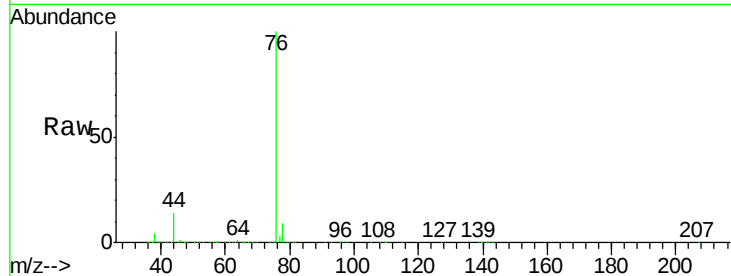
#17
Carbon Disulfide
Concen: 56.54 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

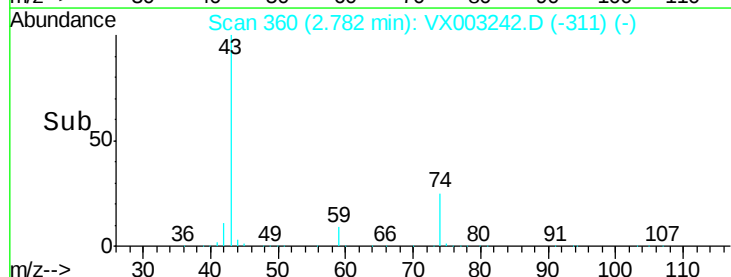
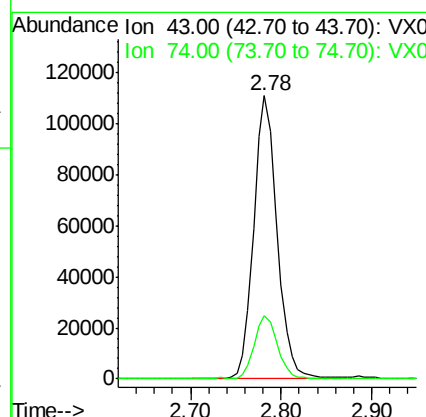
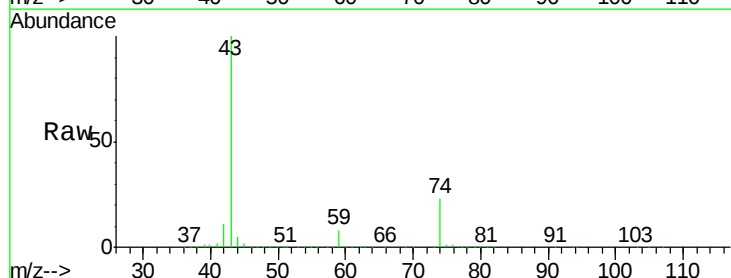
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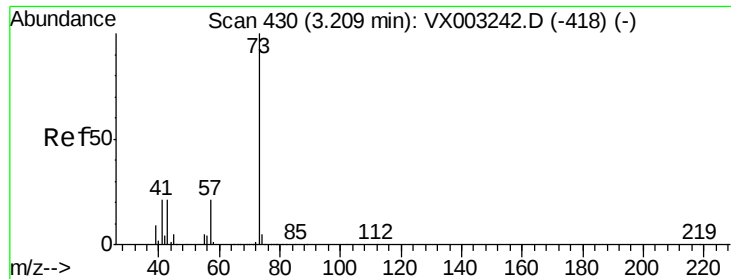
MMDadoda
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#18
Methyl Acetate
Concen: 48.56 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1





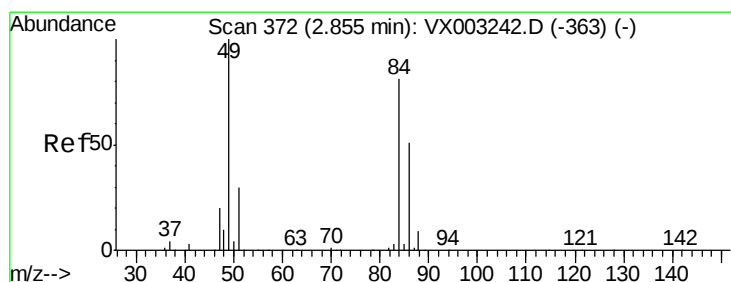
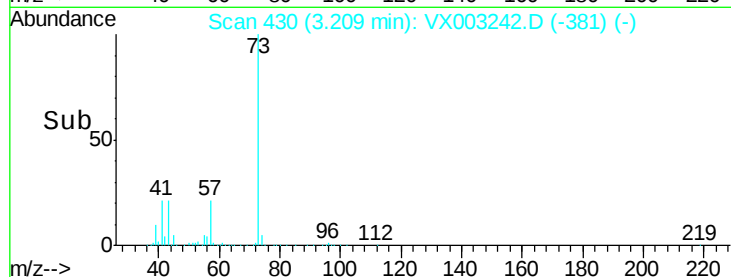
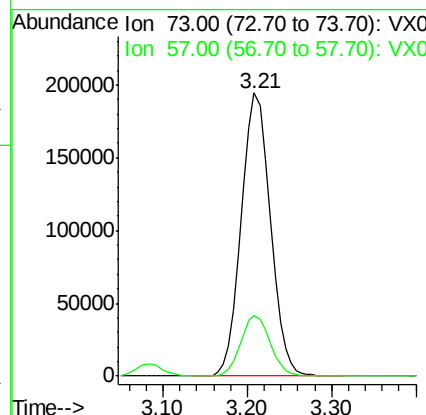
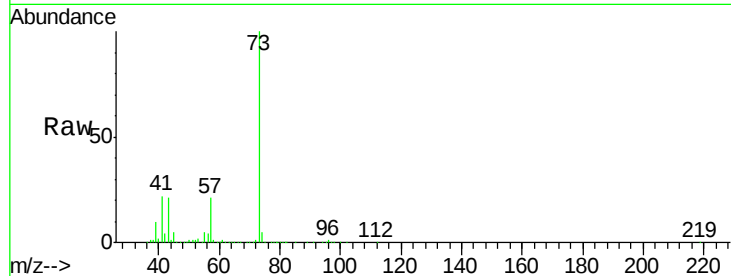
#19
Methvl tert-butvl Ether
Concen: 50.50 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5

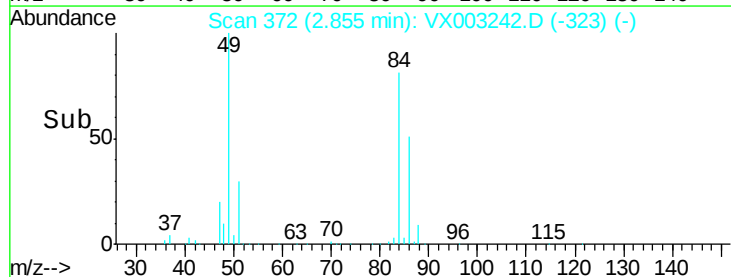
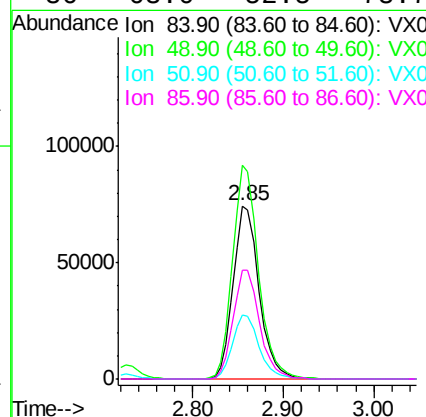
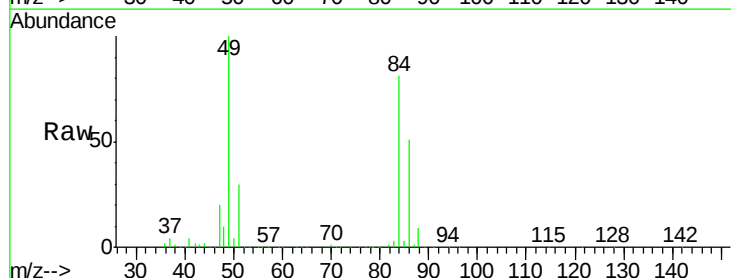
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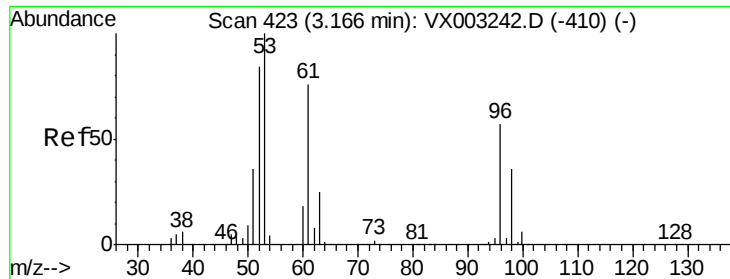
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#20
Methylene Chloride
Concen: 52.41 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	107.8	161.6
51	36.7	32.8	49.2
86	63.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 53.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

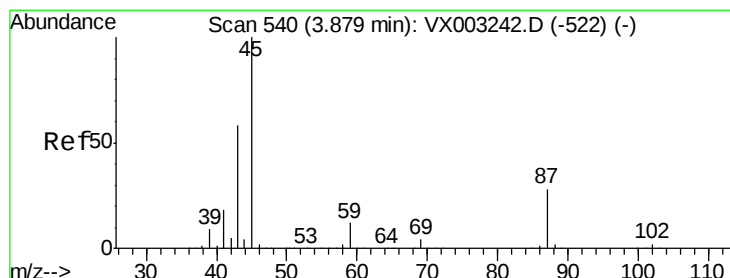
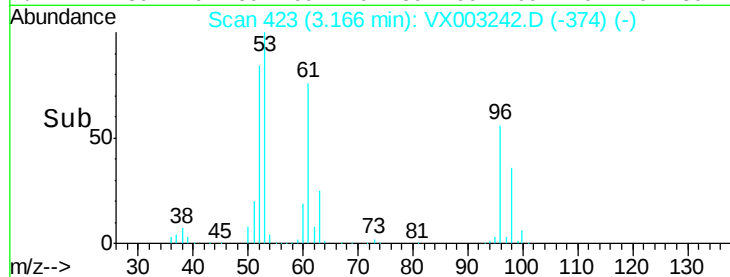
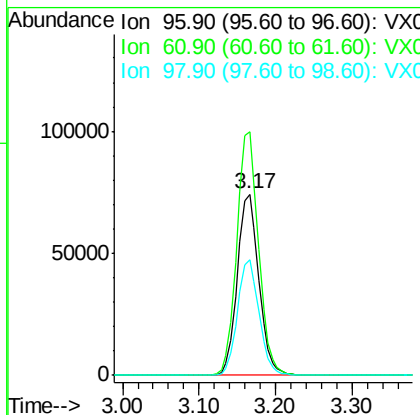
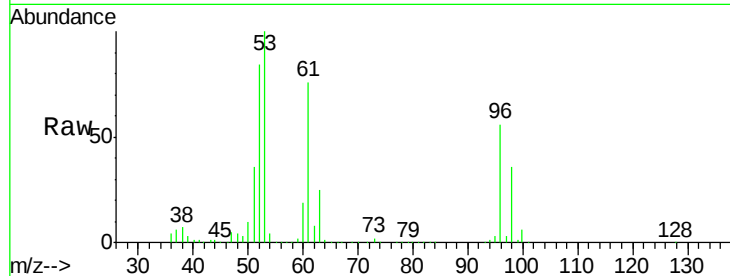
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	145570
Ion	Ratio	Lower	Upper
96	100		
61	134.4	117.0	175.4
98	63.6	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.78 ug/l

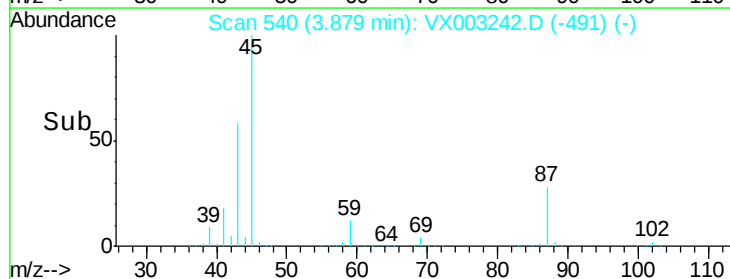
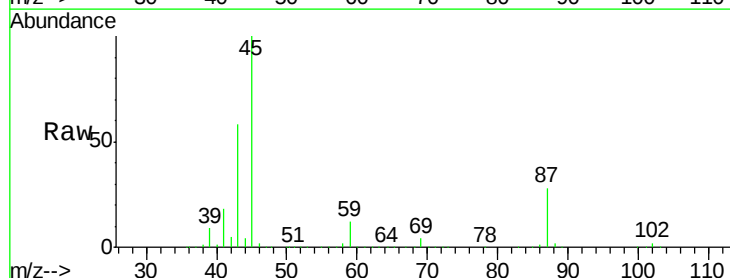
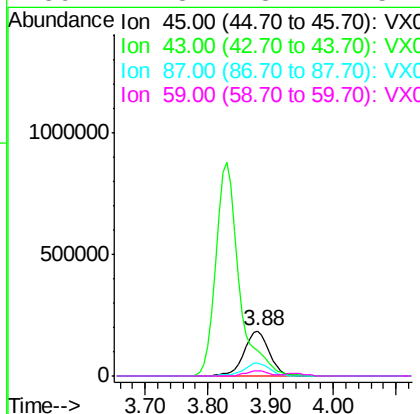
RT: 3.88 min Scan# 540

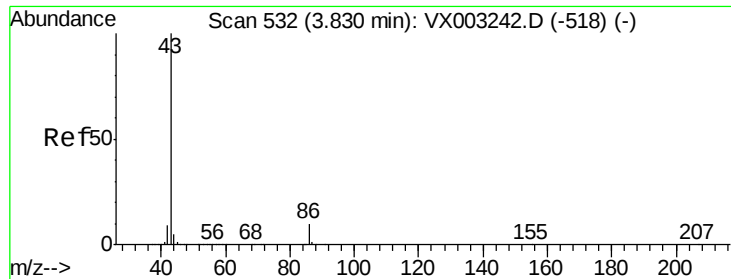
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	45	Resp:	516343
Ion	Ratio	Lower	Upper
45	100		
43	57.6	46.8	70.2
87	28.0	20.2	30.4
59	11.8	8.7	13.1





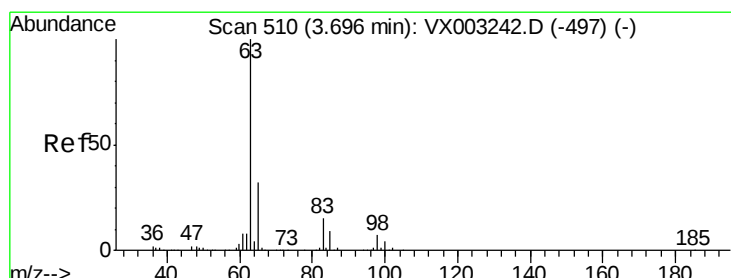
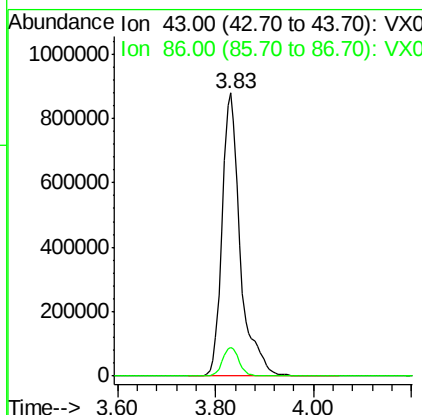
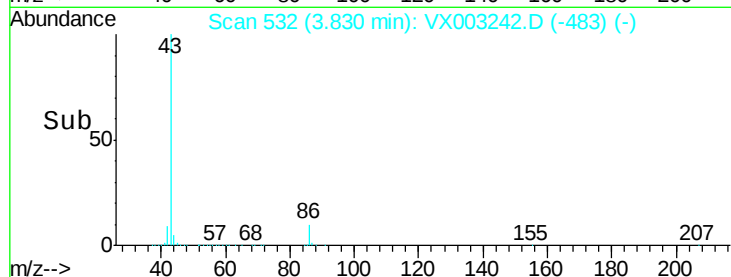
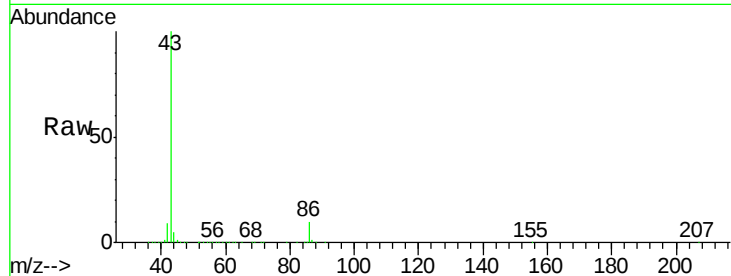
#23
 Vinyl Acetate
 Concen: 283.07 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 2259410
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.4 11.0

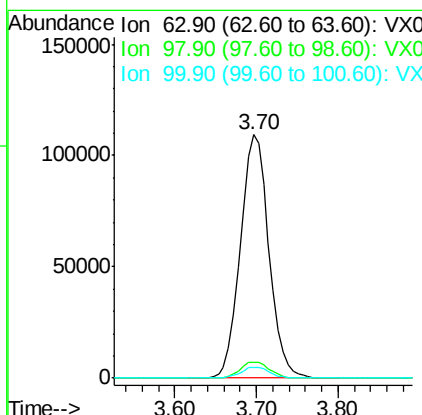
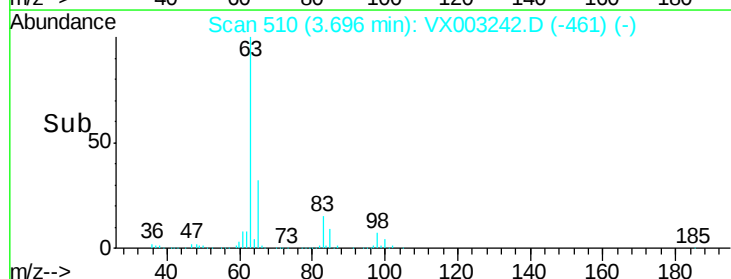
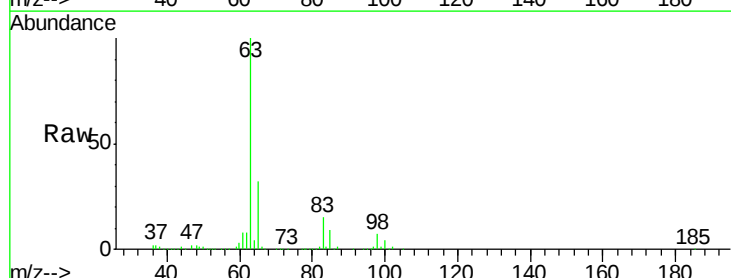
Manual Integrations
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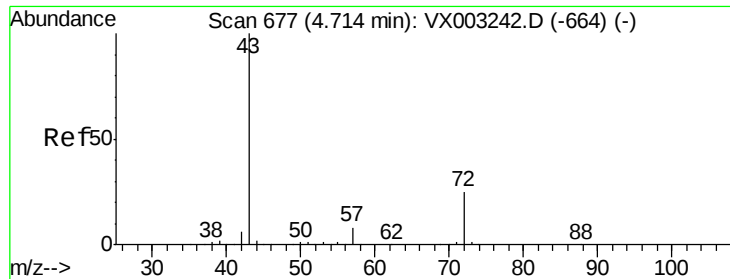
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 51.72 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion: 63 Resp: 264988
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 285.45 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 615101

Ion Ratio Lower Upper

43 100

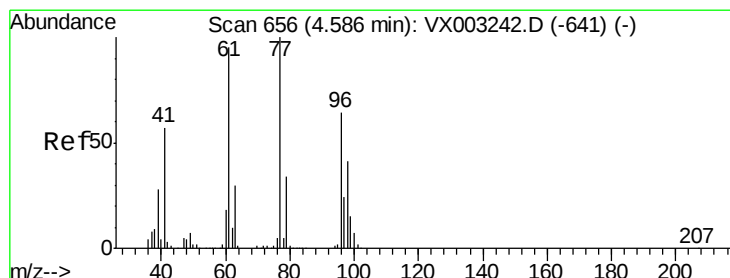
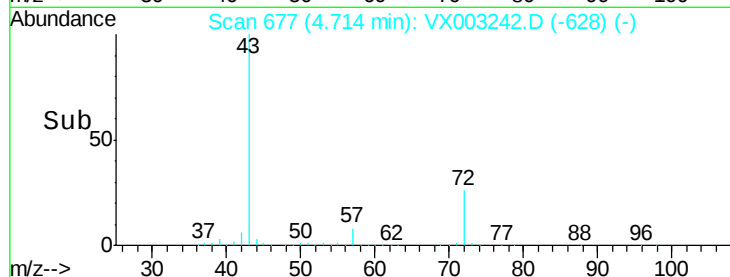
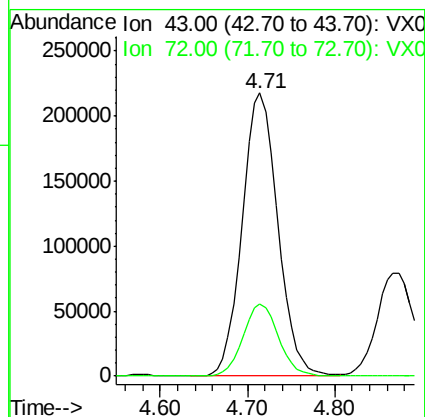
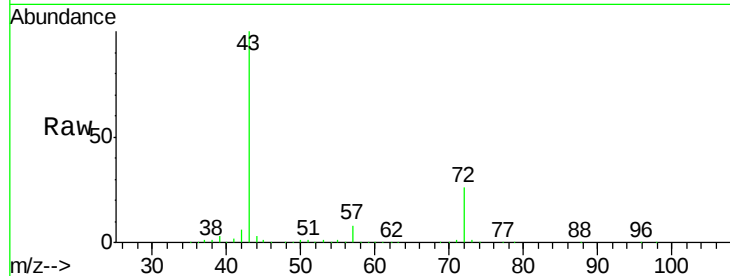
72 25.5 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 56.39 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003242.D

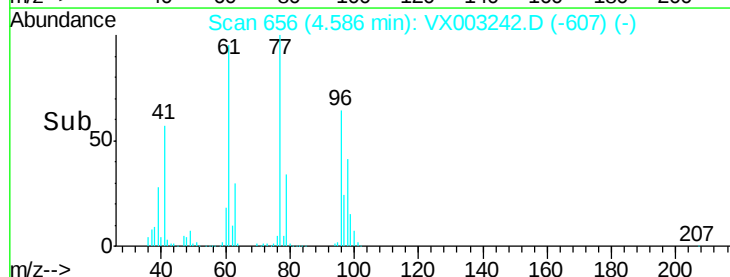
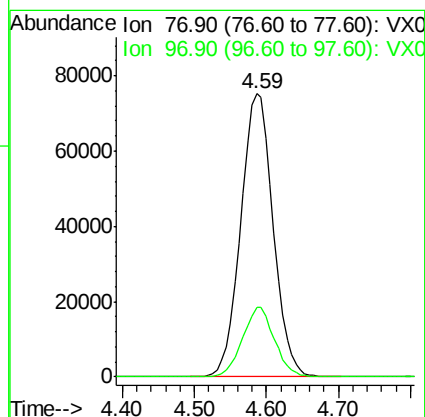
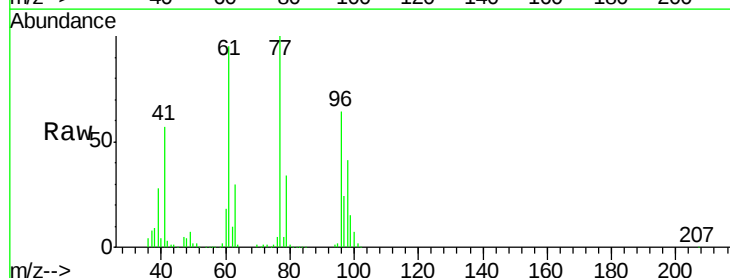
Acq: 09 Jul 2018 12:43

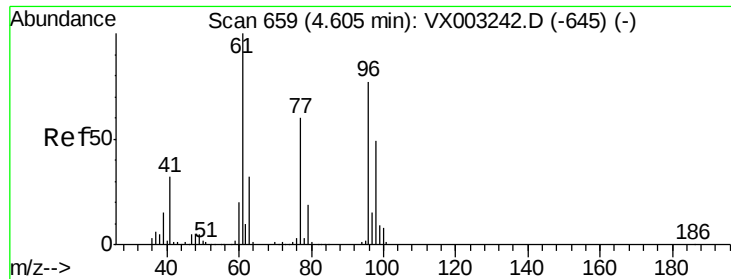
Tgt Ion: 77 Resp: 234922

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 59.67 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

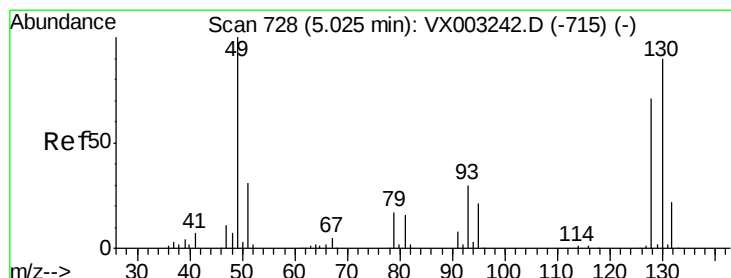
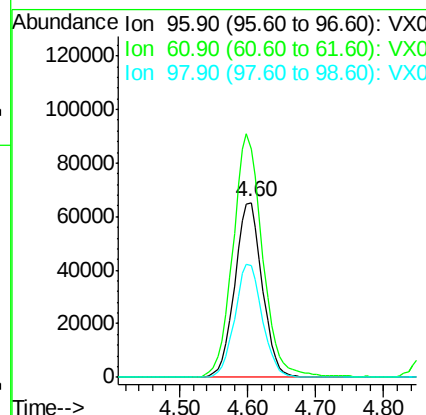
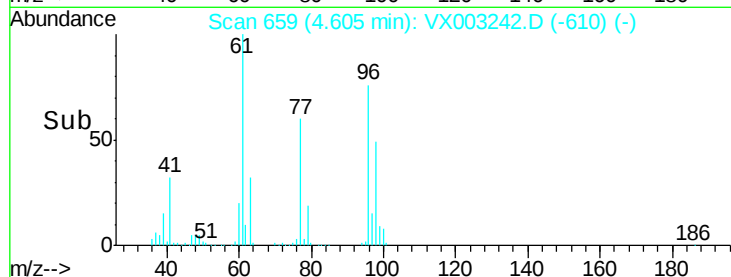
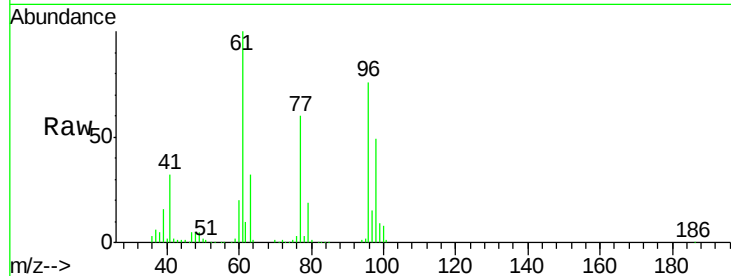
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	182289
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	330.2
98	65.0	0.0	130.2

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#28

Bromochloromethane

Concen: 57.00 ug/l

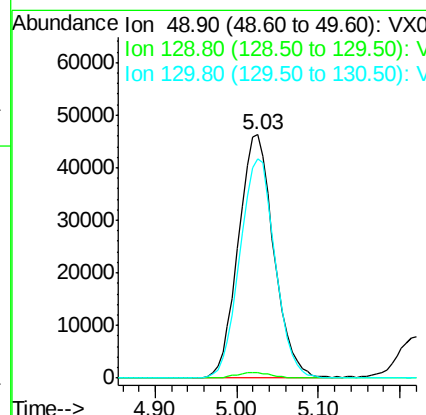
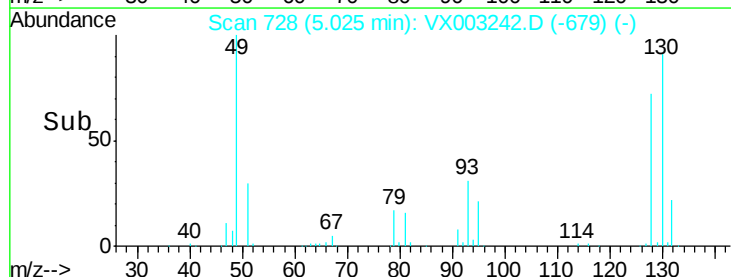
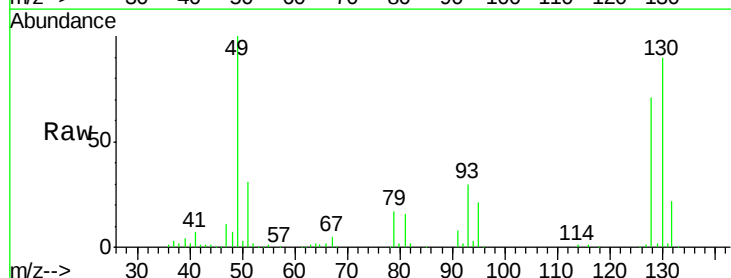
RT: 5.03 min Scan# 728

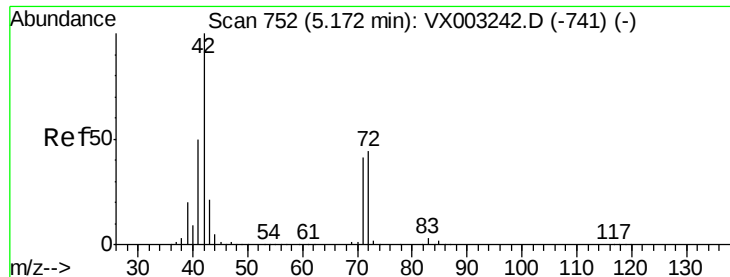
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	49	Resp:	139781
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	89.4	61.2	91.8





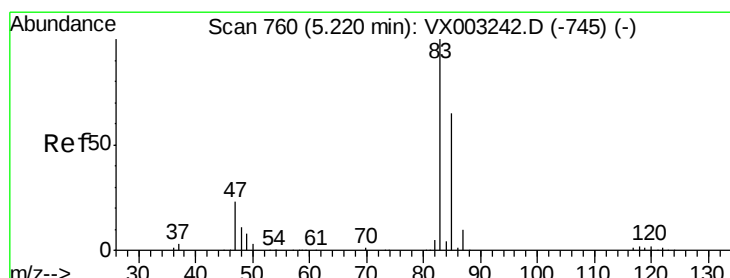
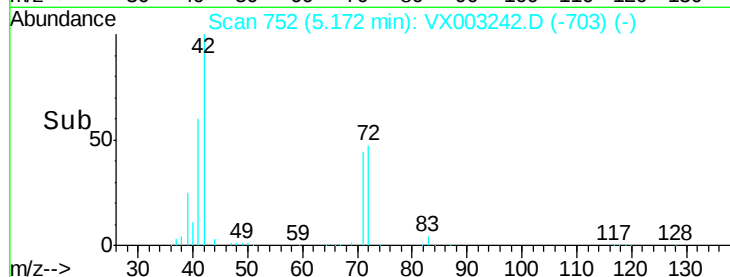
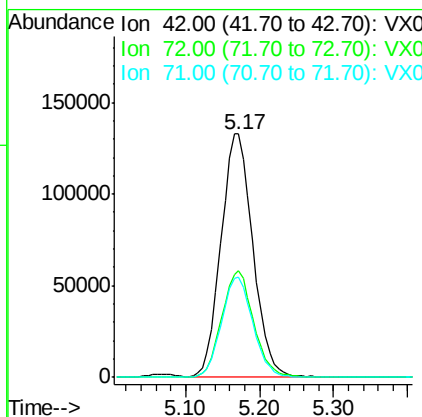
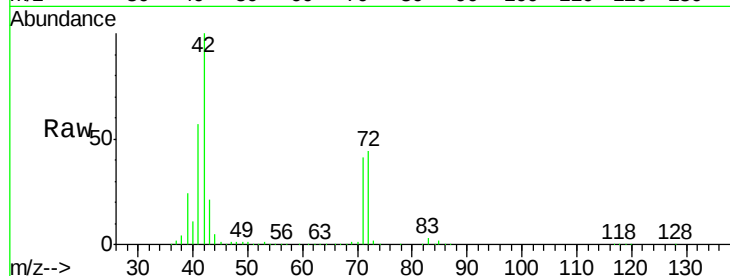
#29
Tetrahydrofuran
Concen: 285.76 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	32.0	48.0
71	40.8	30.1	45.1

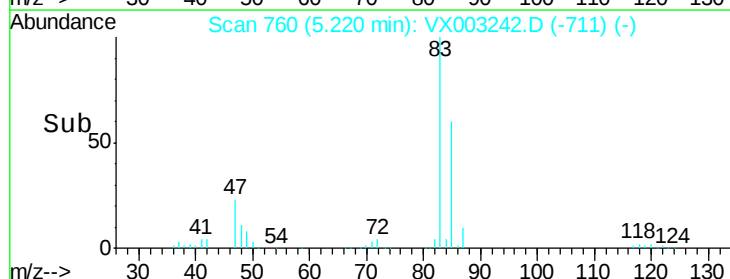
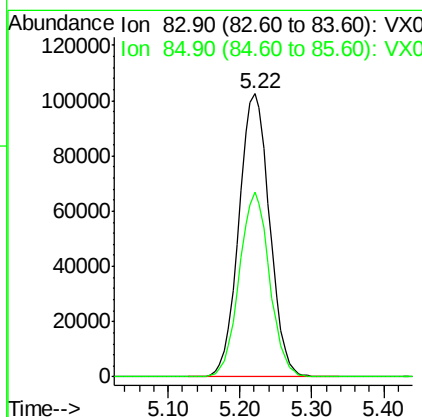
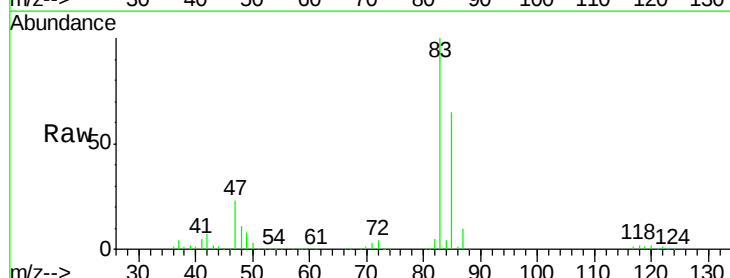
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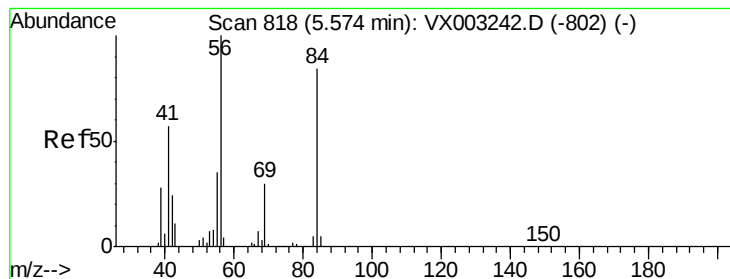
MMDadoda
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#30
Chloroform
Concen: 57.72 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.4	75.6





#31

Cyclohexane

Concen: 58.15 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

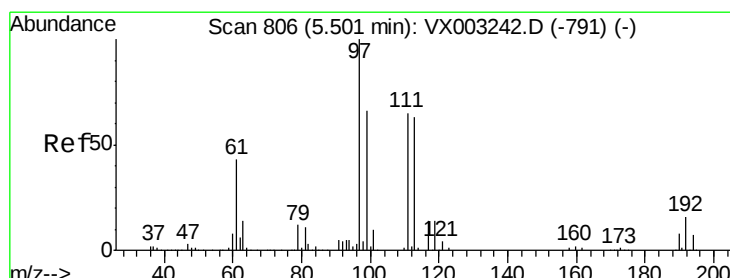
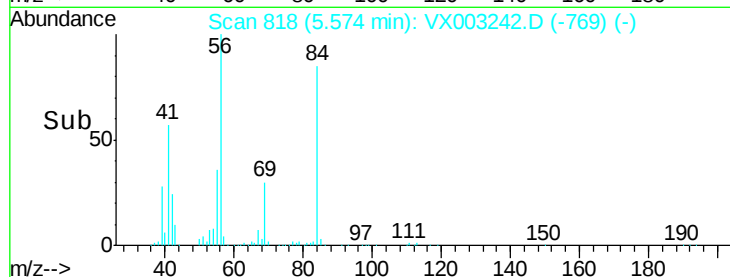
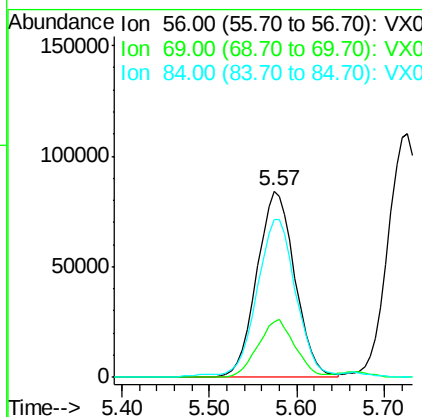
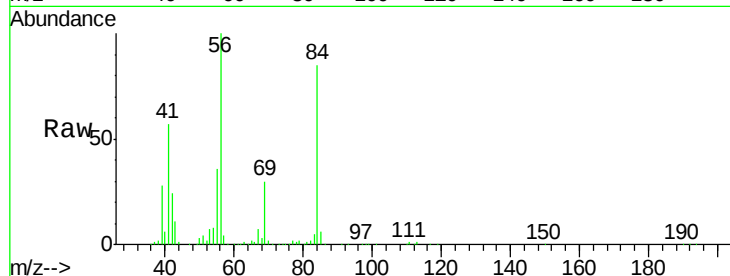
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.7	35.5
84	83.7	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 57.31 ug/l

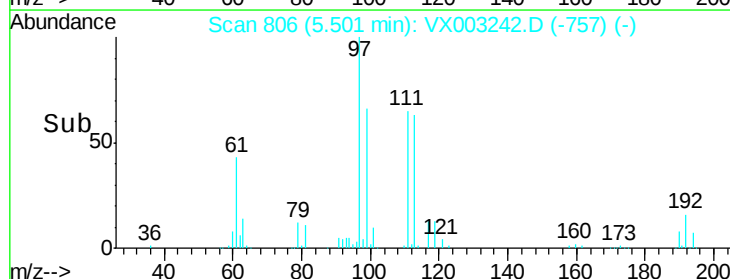
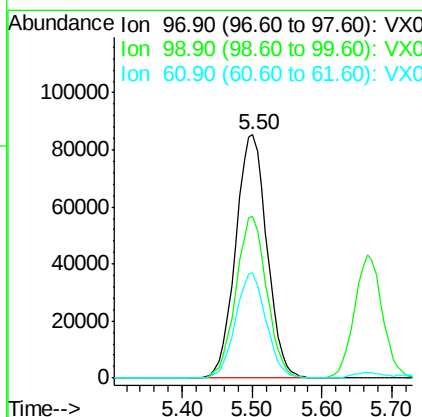
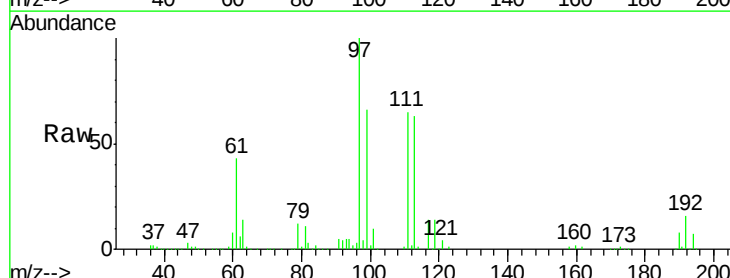
RT: 5.50 min Scan# 806

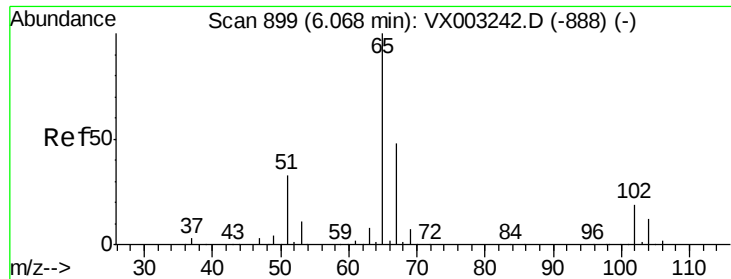
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	42.3	36.4	54.6





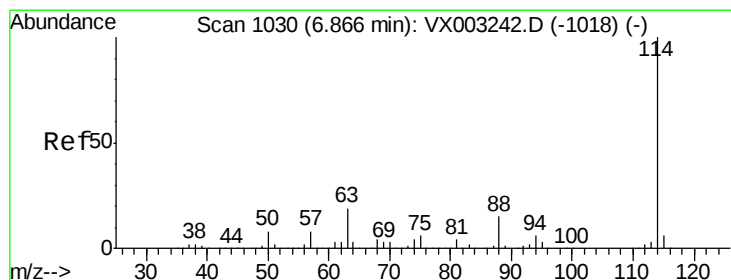
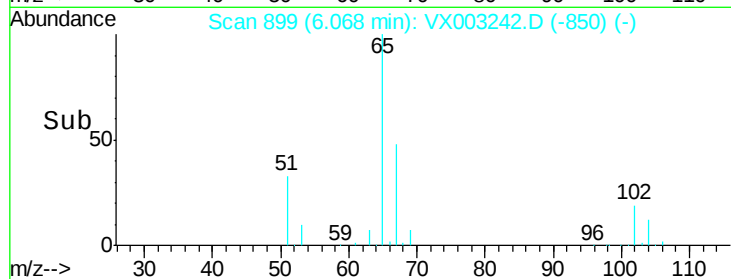
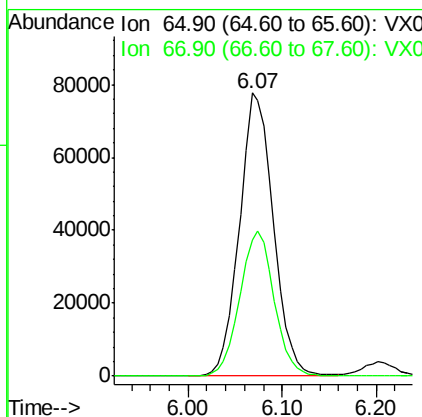
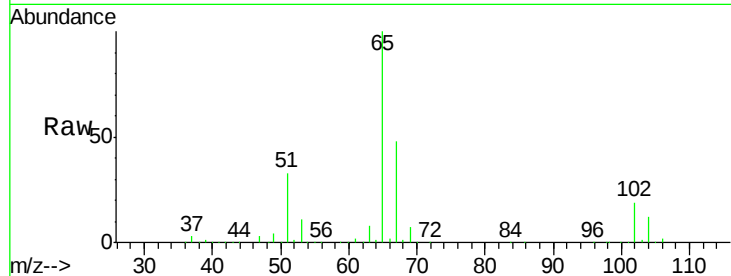
#33
 1,2-Dichloroethane-d4
 Concen: 55.98 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196286		
67	51.8	0.0	102.6	

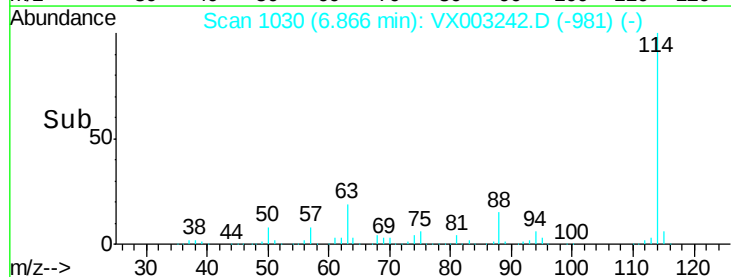
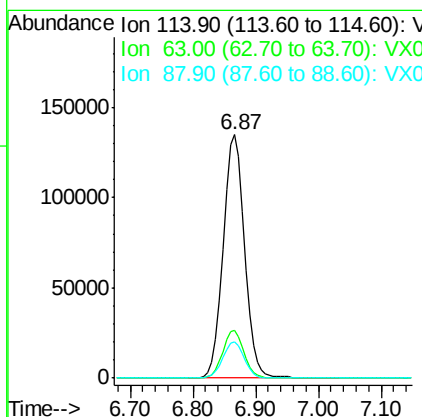
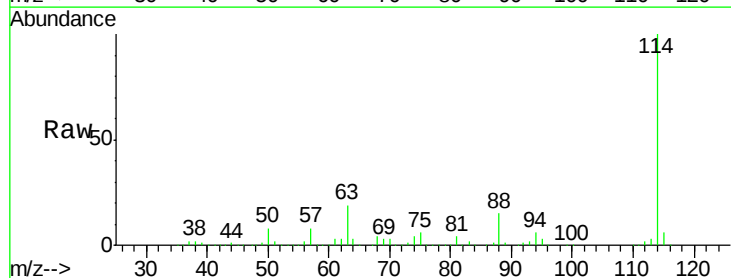
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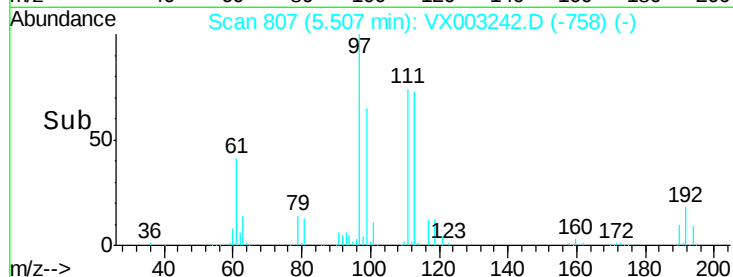
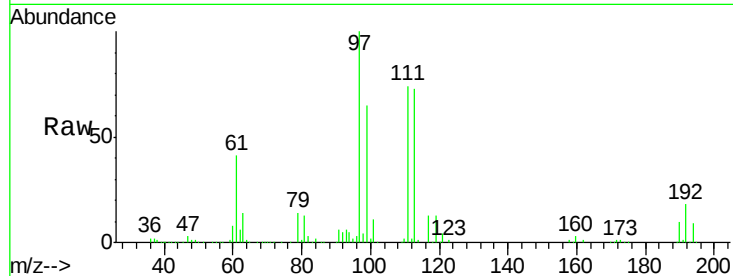
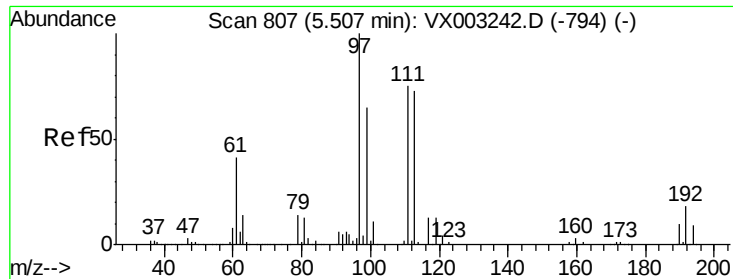
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	318509		
63	19.4	0.0	41.4	
88	14.9	0.0	30.0	





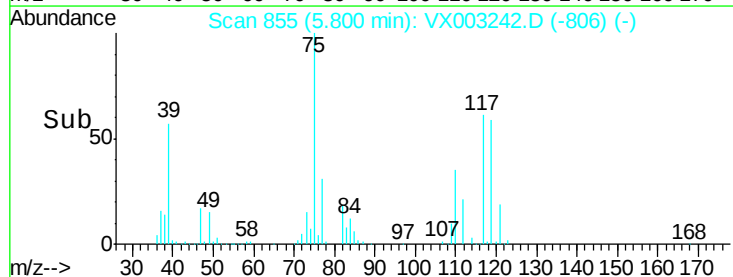
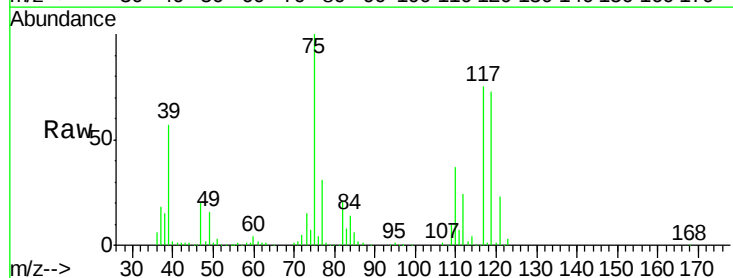
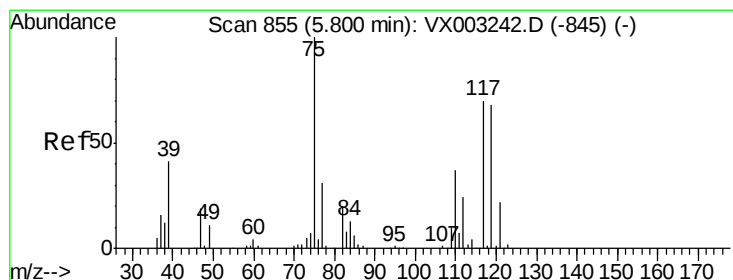
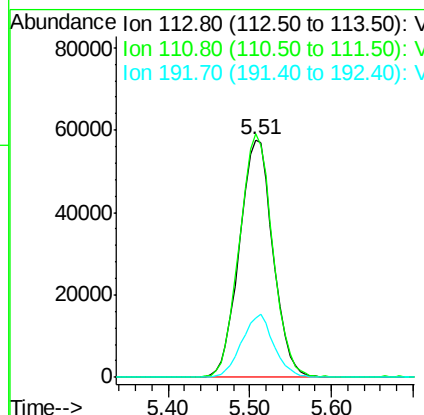
#35
Dibromofluoromethane
Concen: 65.24 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164547		
111	101.9	81.4	122.0	
192	25.6	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

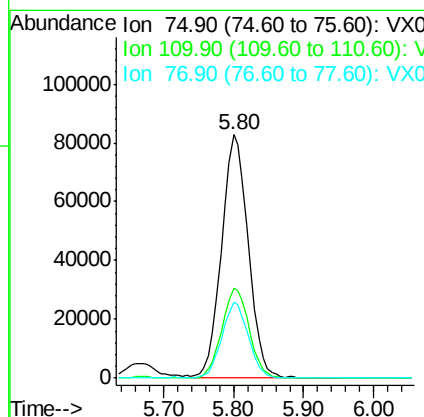
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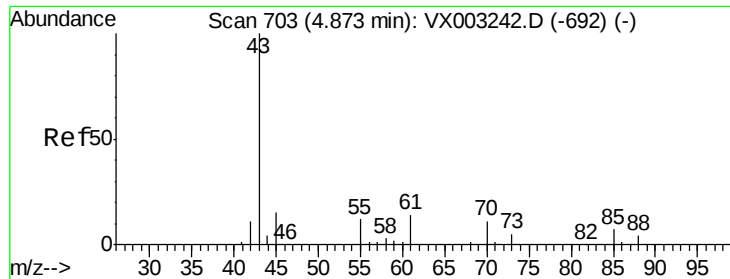
MMDadoda
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#36
1,1-Dichloropropene
Concen: 62.78 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219286		
110	37.7	18.1	54.4	
77	30.9	24.3	36.5	





#37

Ethyl Acetate

Concen: 62.44 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

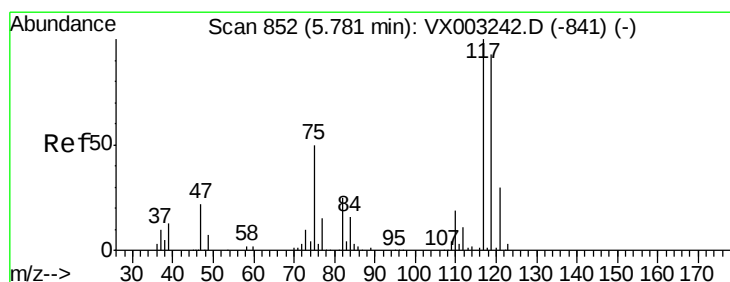
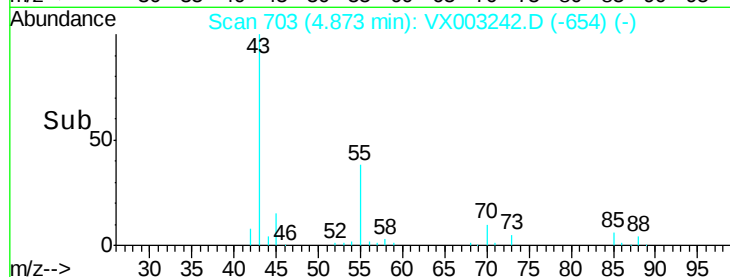
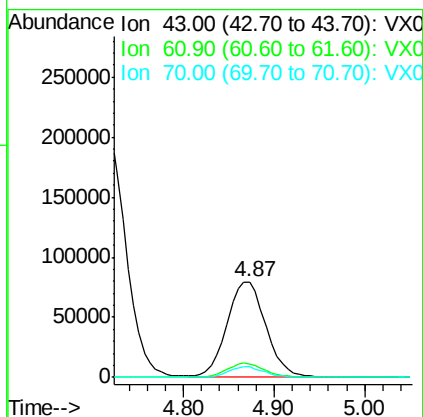
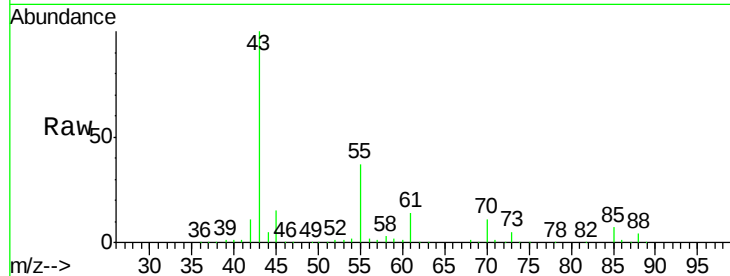
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	234826
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.6	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 63.57 ug/l

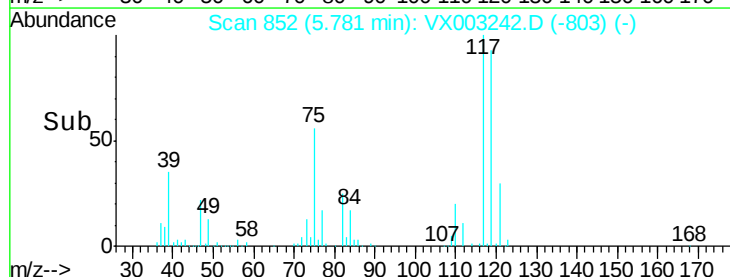
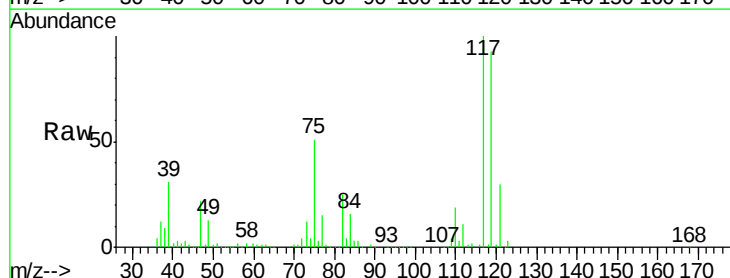
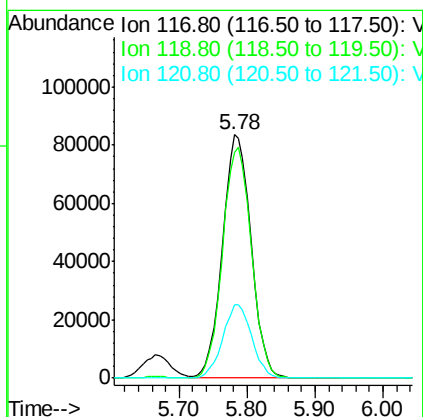
RT: 5.78 min Scan# 852

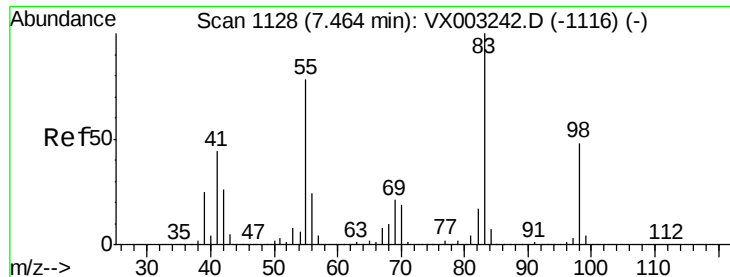
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	117	Resp:	243667
Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.4	116.0
121	30.3	24.4	36.6





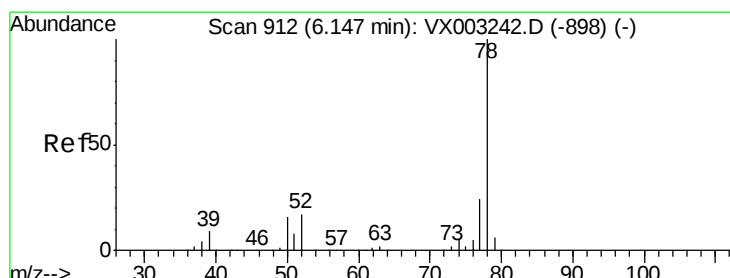
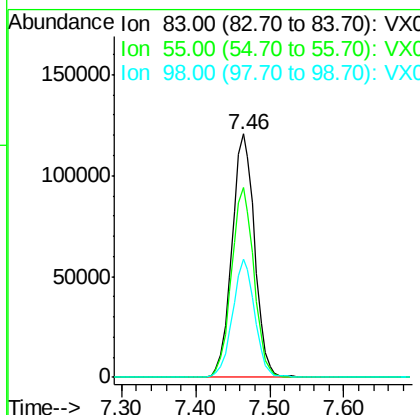
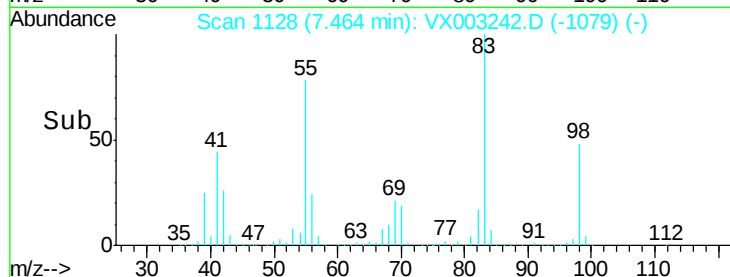
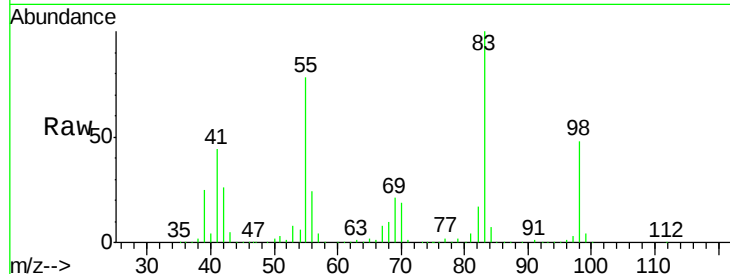
#39
Methylvlcvclohexane
Concen: 63.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	257737
Ion Ratio	Lower	Upper	
83	100		
55	78.1	65.4	98.0
98	48.3	37.4	56.0

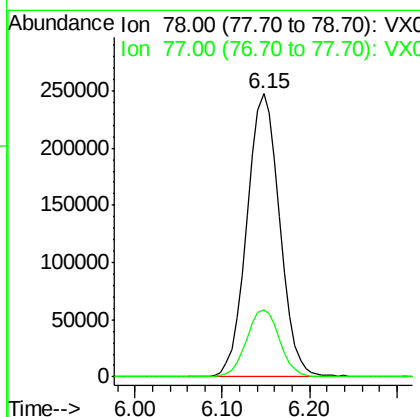
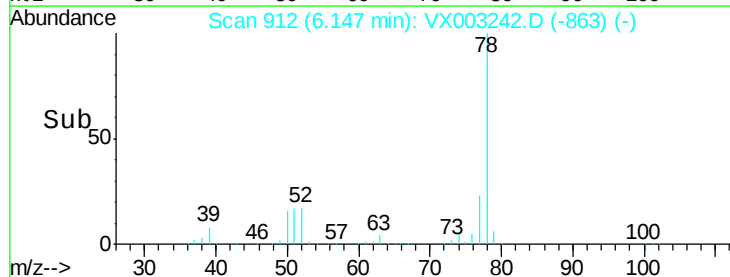
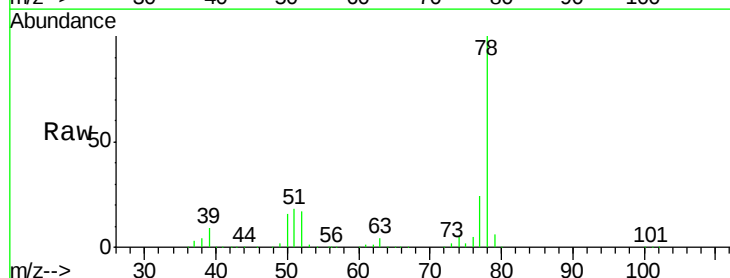
Manual Integrations
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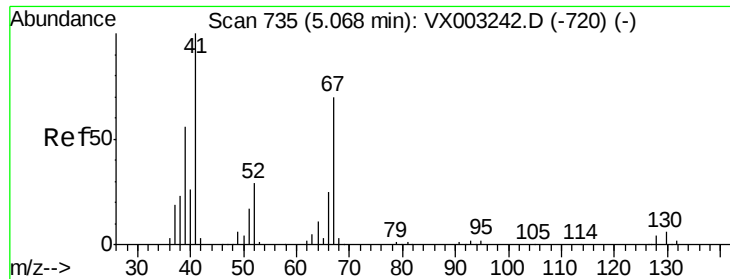
MMDadoda
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#40
Benzene
Concen: 63.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	78	Resp	645781
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.1	28.7





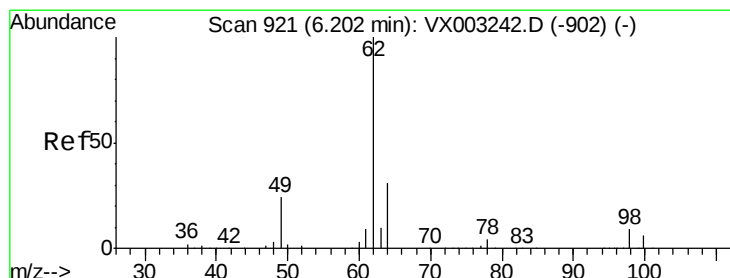
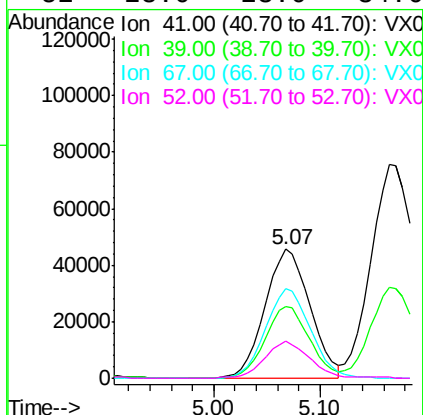
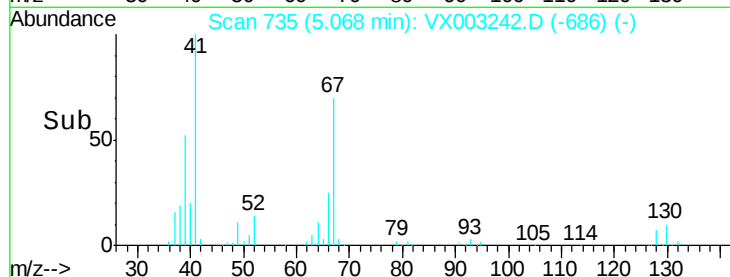
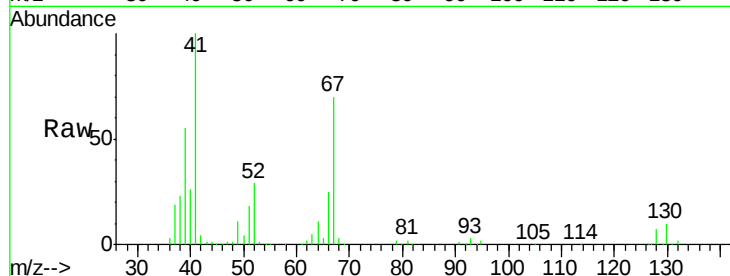
#41
Methacrylonitrile
Concen: 61.42 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	70.6	51.3	76.9
52	28.0	23.0	34.6

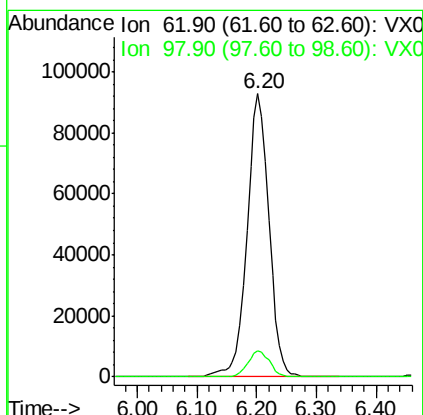
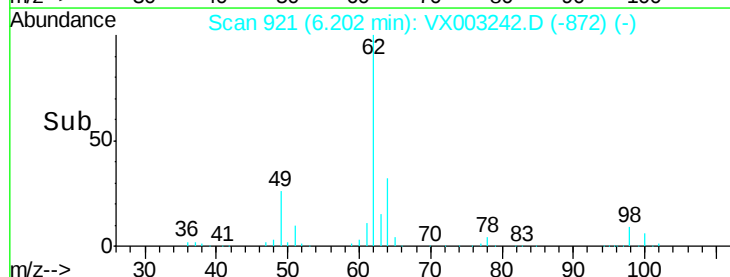
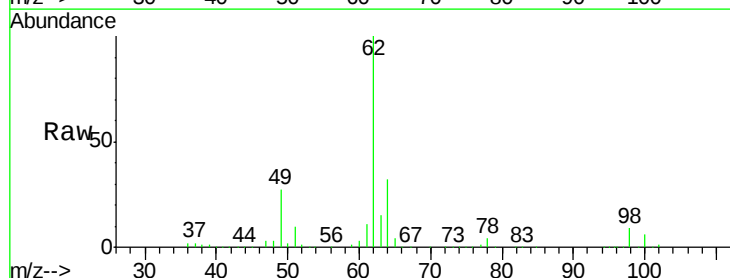
Manual Integrations
APPROVED

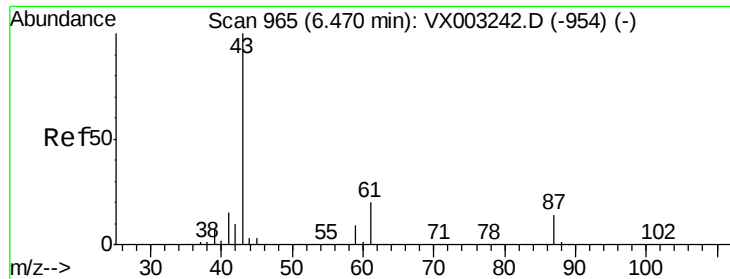
MMDadoda
7/10/2018 3:11:44 PM



#42
1,2-Dichloroethane
Concen: 57.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.6





#43

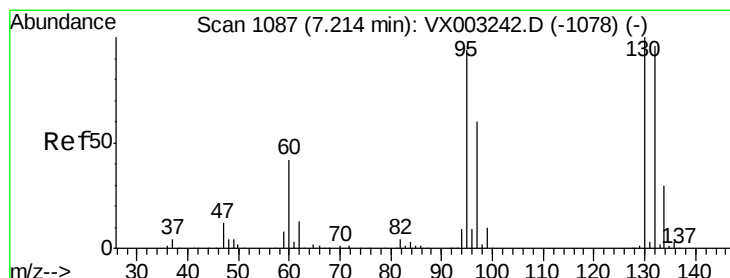
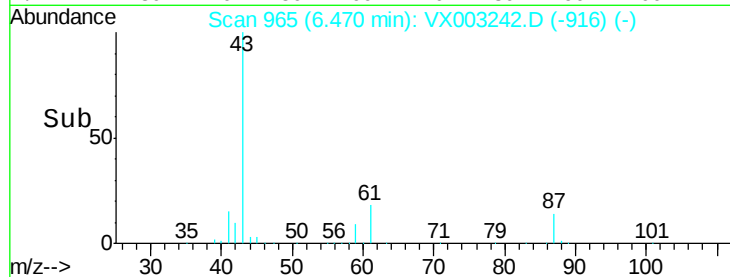
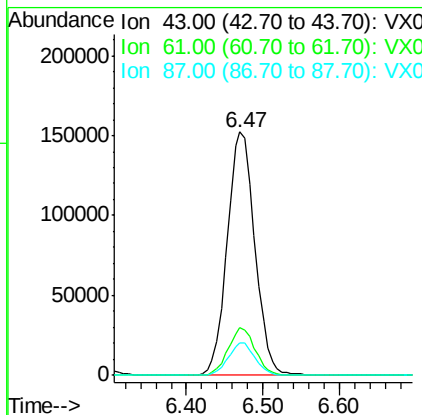
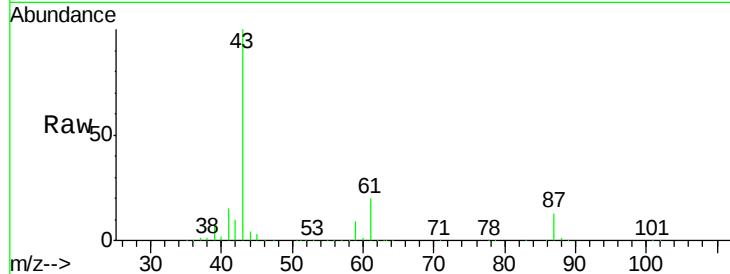
Isopropyl Acetate
 Concen: 60.15 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.4	21.6
87	13.0	9.5	14.3

Manual Integrations
 APPROVED

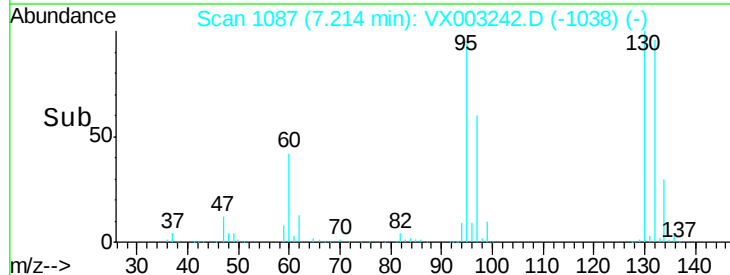
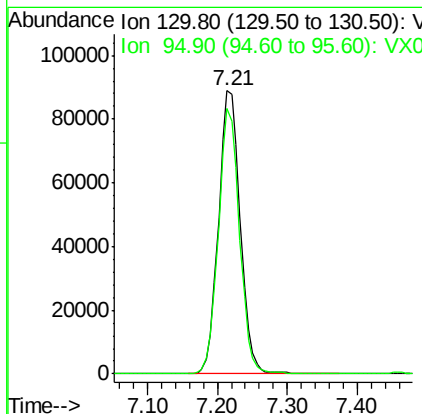
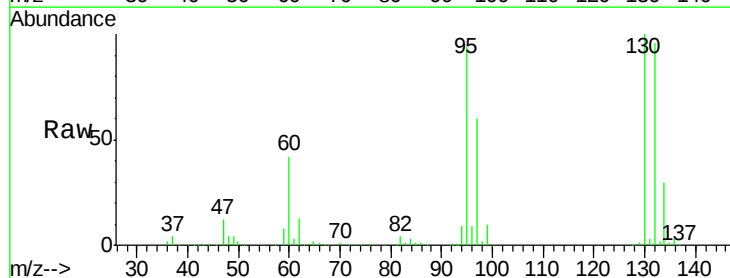
MMDadoda
 7/10/2018 3:11:44 PM

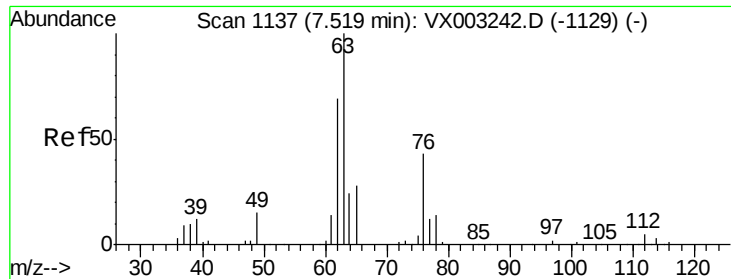


#44

Trichloroethene
 Concen: 63.60 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	185.4





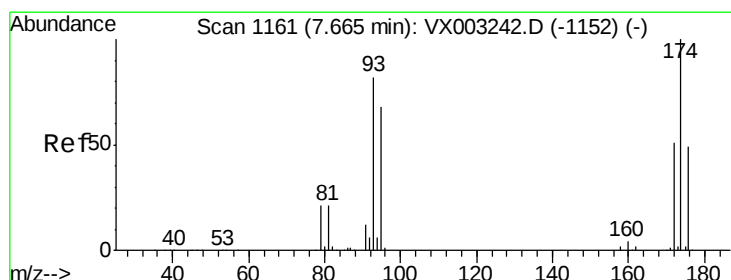
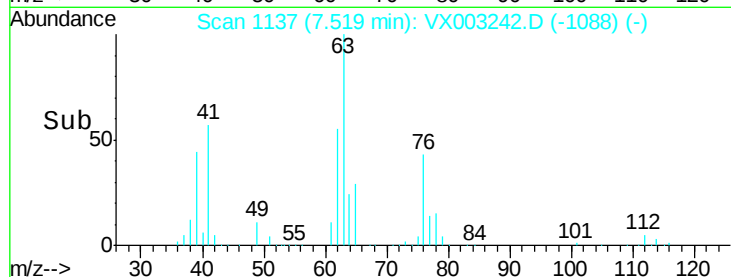
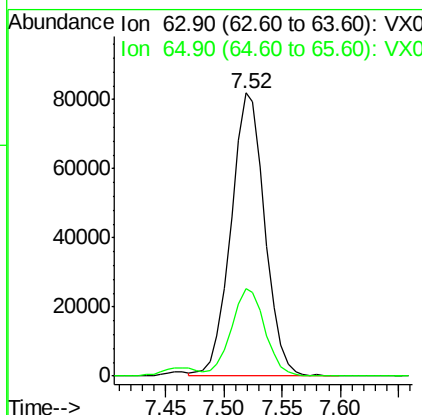
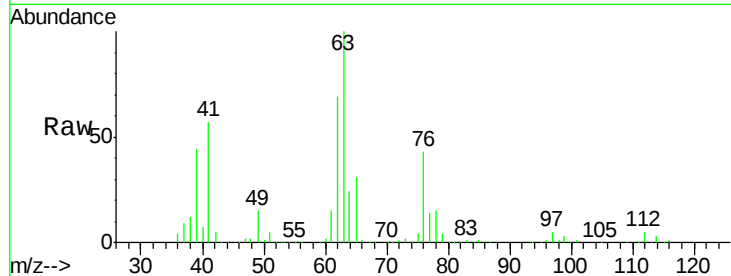
#45
 1,2-Dichloropropane
 Concen: 61.04 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 164326
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

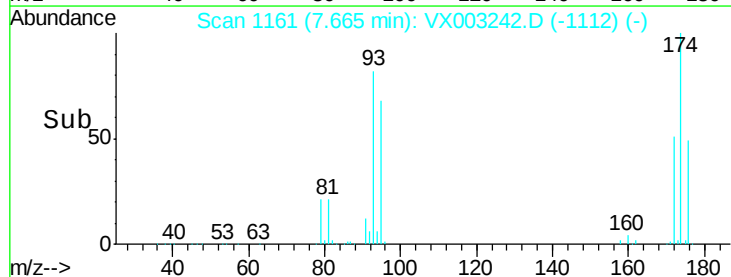
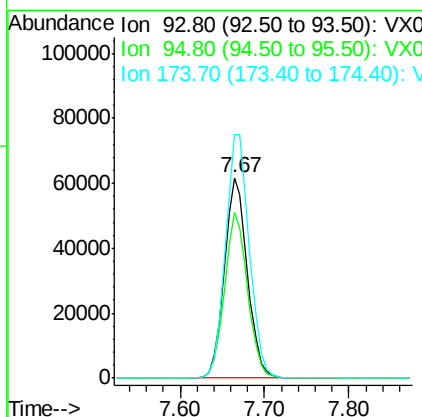
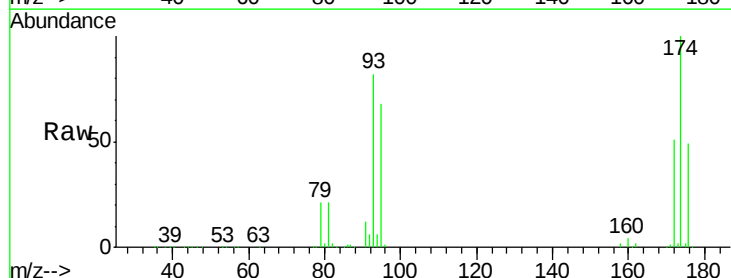
Manual Integrations
 APPROVED

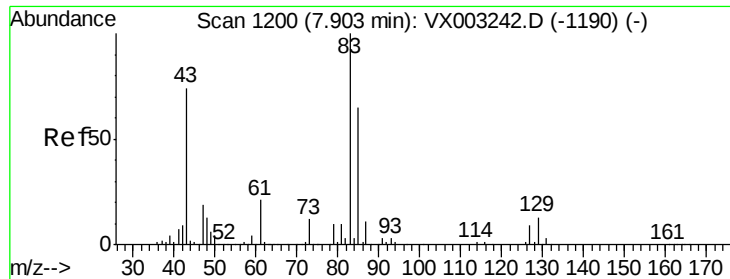
MMDadoda
 7/10/2018 3:11:44 PM



#46
 Dibromomethane
 Concen: 61.64 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion: 93 Resp: 115157
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 125.9 92.4 138.6





#47

Bromodichloromethane

Concen: 63.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

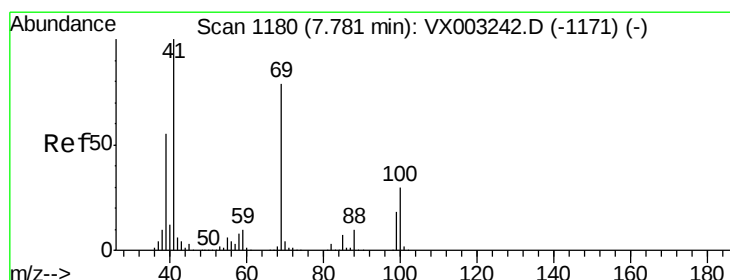
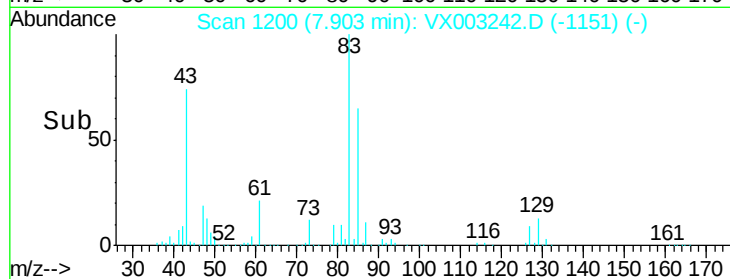
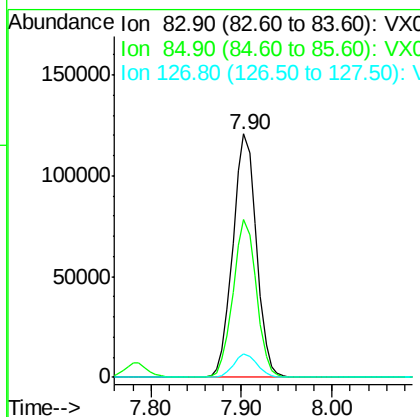
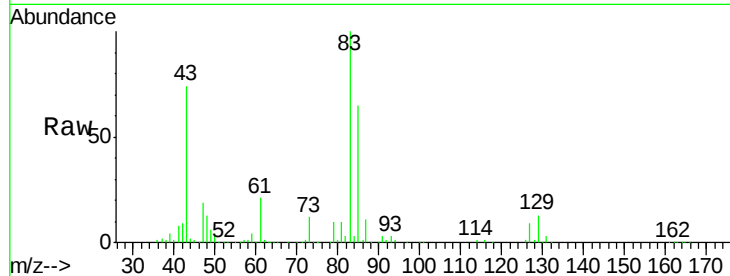
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	218236
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
7/10/2018 3:11:44 PM



#48

Methyl methacrylate

Concen: 61.46 ug/l

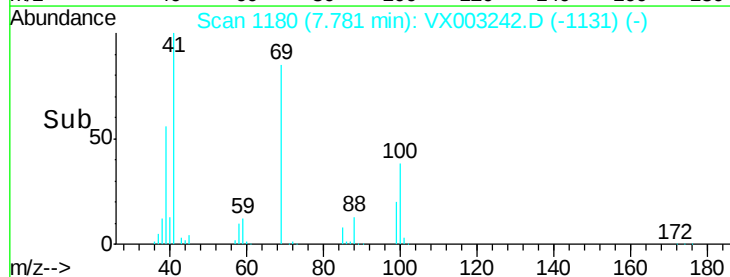
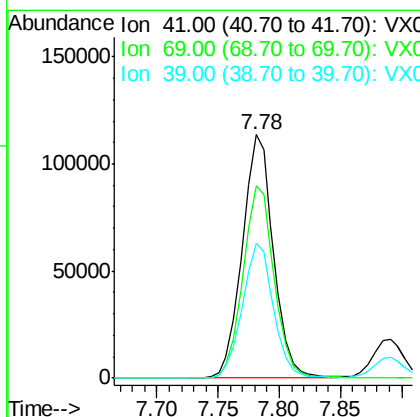
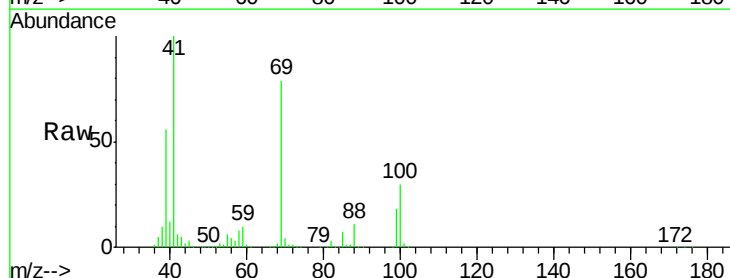
RT: 7.78 min Scan# 1180

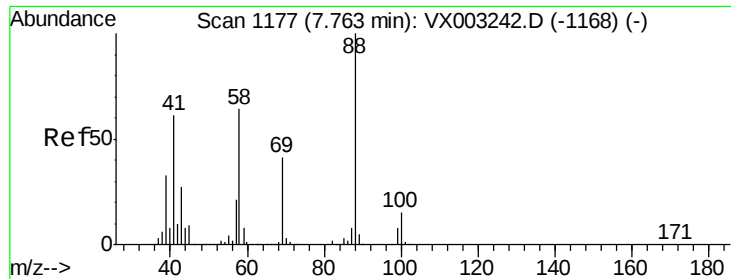
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	41	Resp:	199728
Ion	Ratio	Lower	Upper
41	100		
69	79.4	59.1	88.7
39	55.4	48.9	73.3





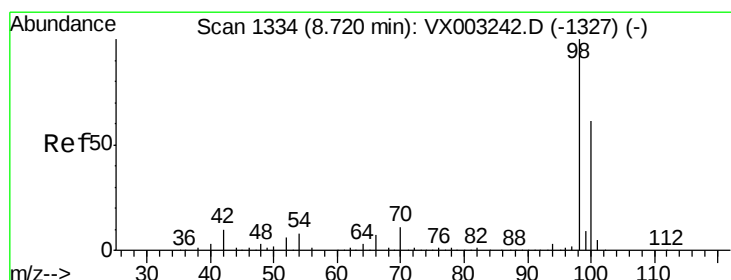
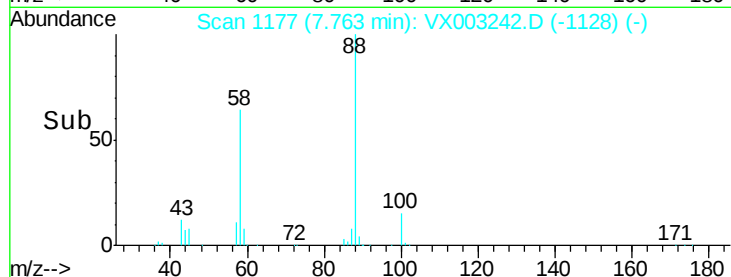
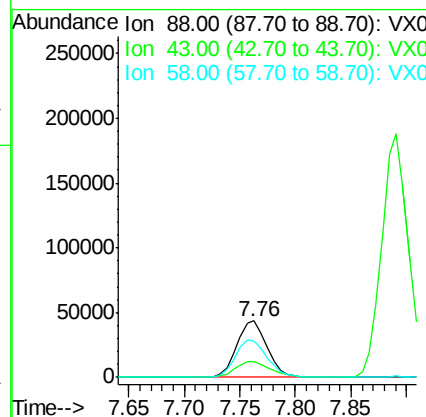
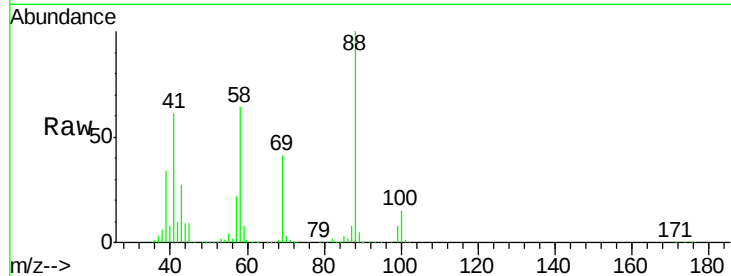
#49
1,4-Dioxane
Concen: 1300.22 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	29.8	44.6
58	70.4	57.1	85.7

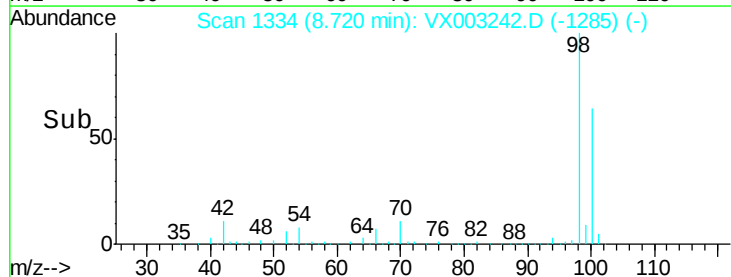
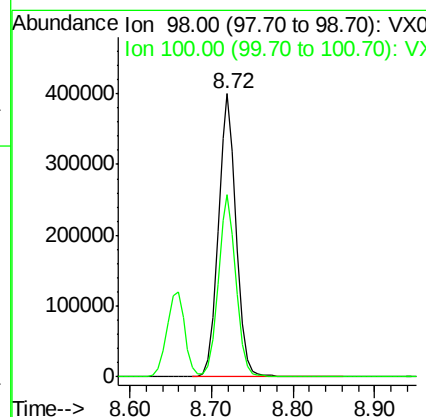
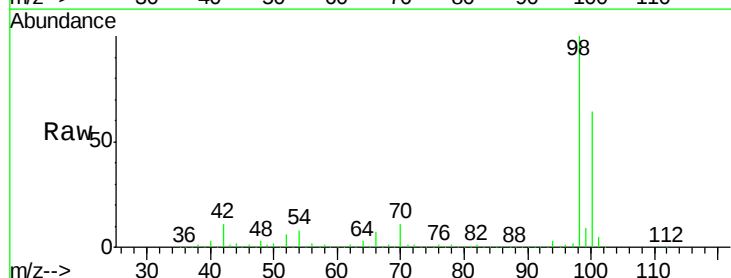
Manual Integrations
APPROVED

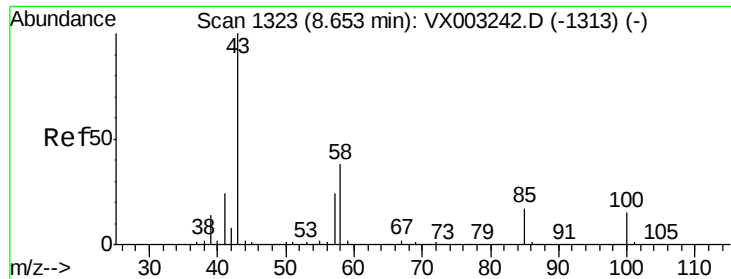
MMDadoda
7/10/2018 3:11:44 PM



#50
Toluene-d8
Concen: 66.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 310.45 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1225103

Ion Ratio Lower Upper

43 100

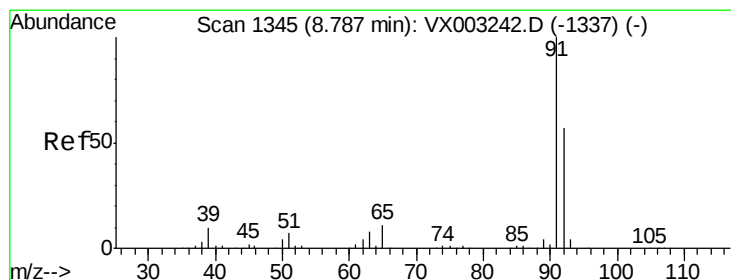
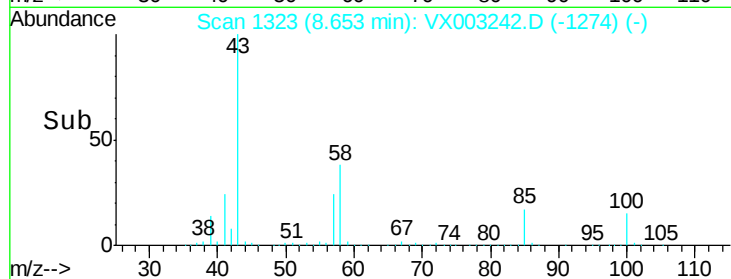
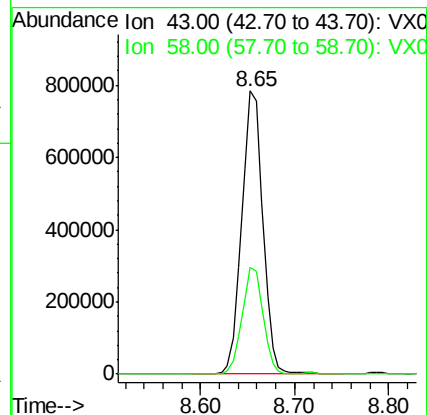
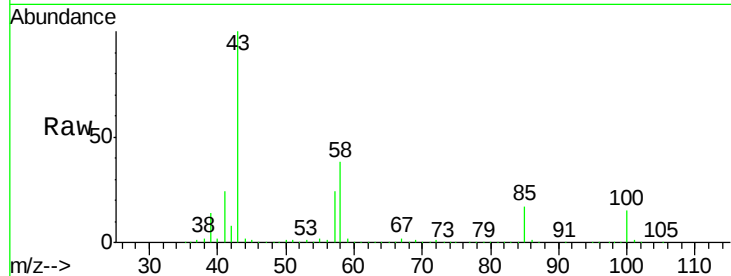
58 37.5 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 64.14 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003242.D

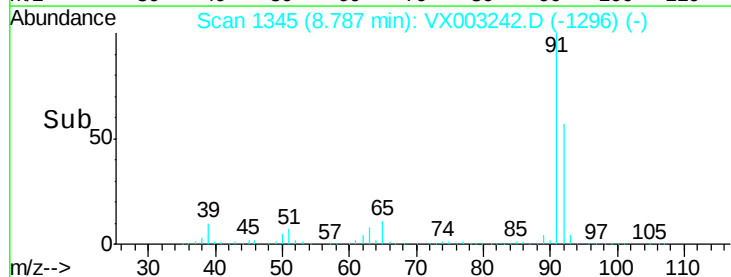
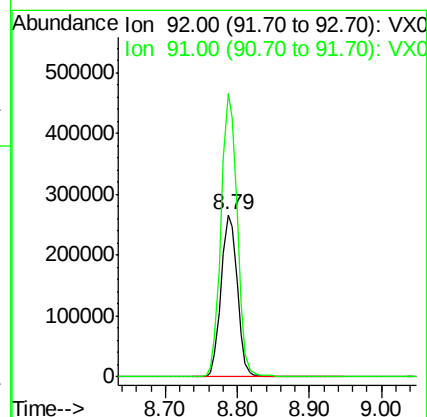
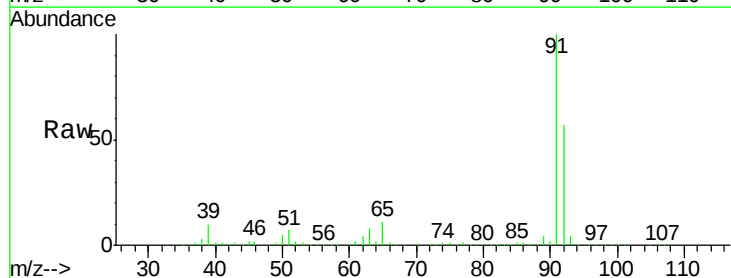
Acq: 09 Jul 2018 12:43

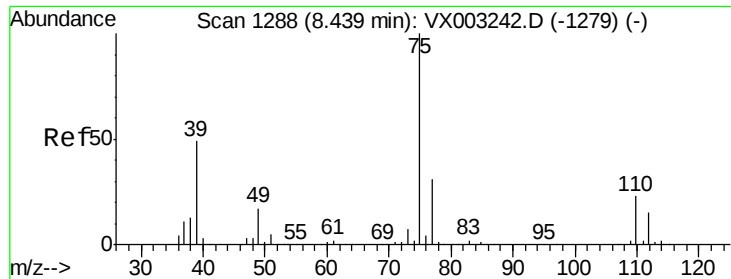
Tgt Ion: 92 Resp: 416976

Ion Ratio Lower Upper

92 100

91 173.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 66.93 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 261788

Ion Ratio Lower Upper

75 100

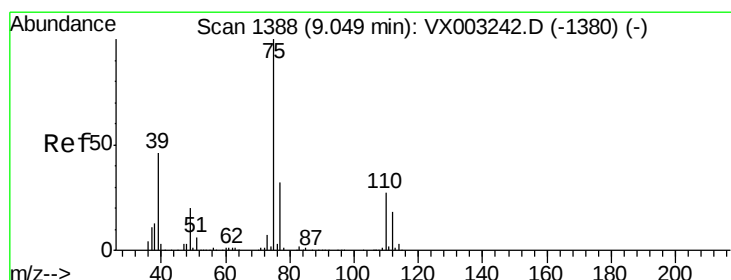
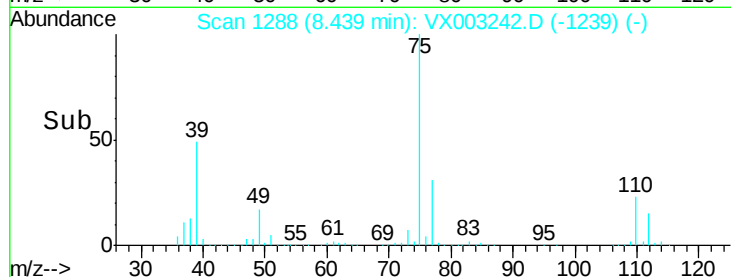
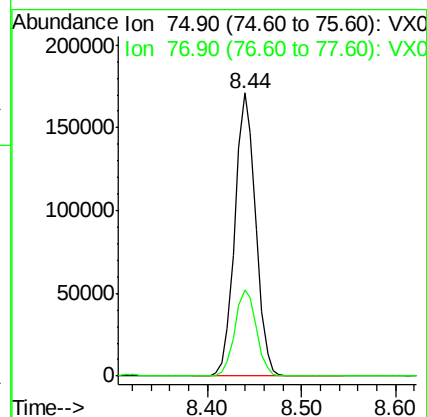
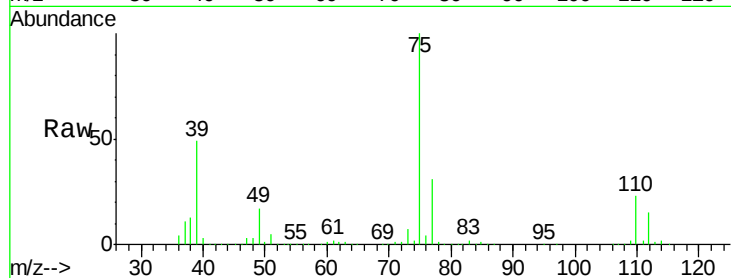
77 30.7 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 63.50 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

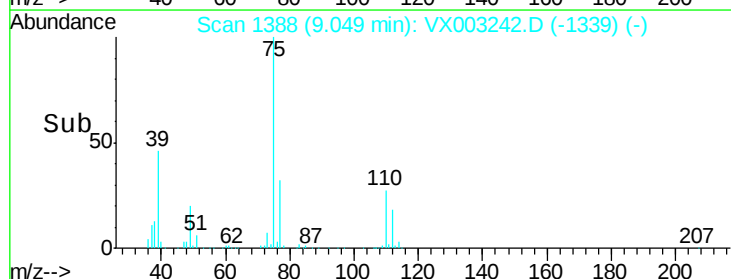
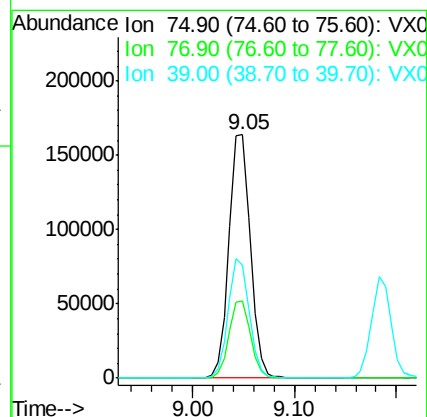
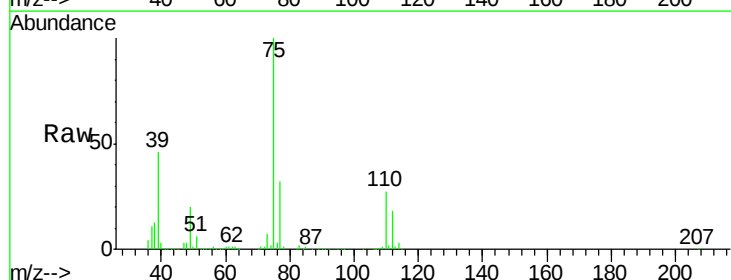
Tgt Ion: 75 Resp: 239009

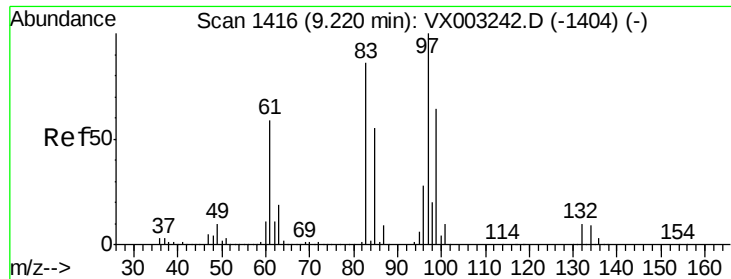
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 46.3 42.4 63.6





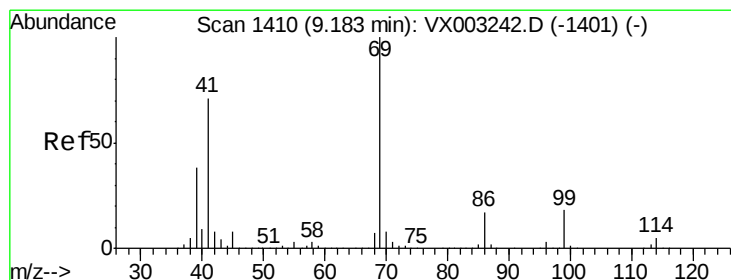
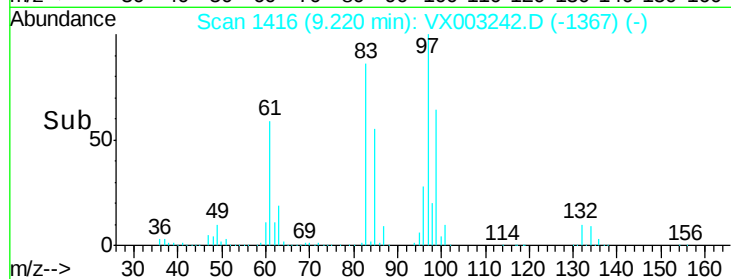
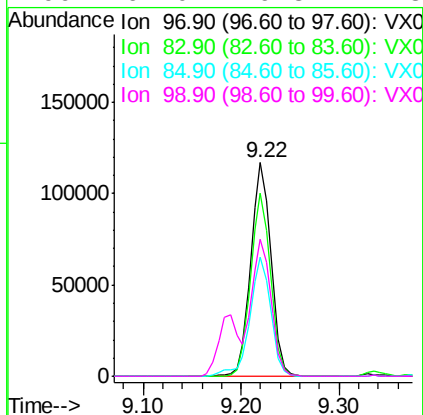
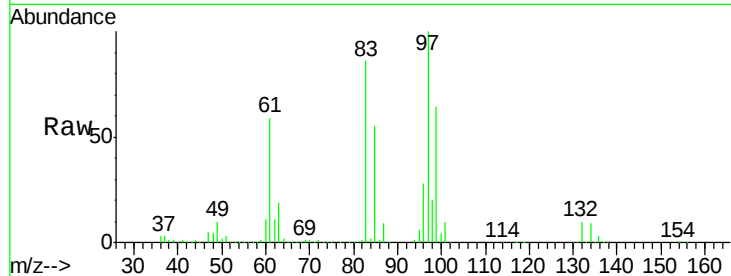
#55
 1,1,2-Trichloroethane
 Concen: 63.11 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	168603
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	55.5	44.9	67.3
99	64.0	49.8	74.8

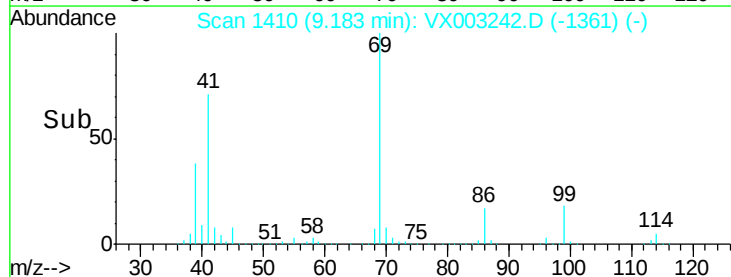
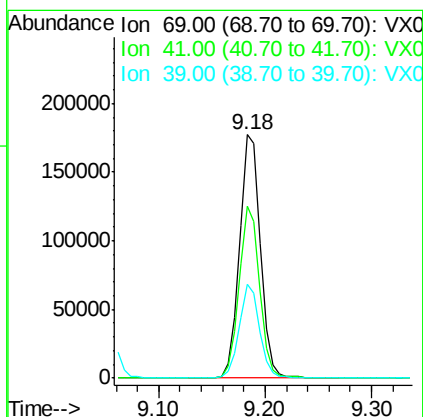
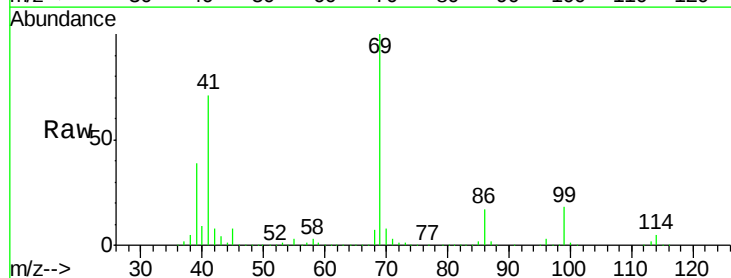
Manual Integrations
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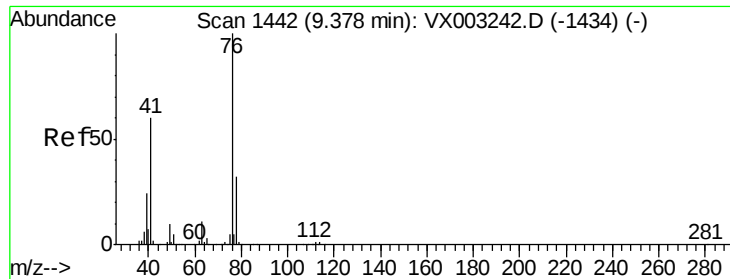
MMDadoda
 7/10/2018 3:11:44 PM



#56
 Ethyl methacrylate
 Concen: 62.83 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion:	69	Resp:	245337
Ion	Ratio	Lower	Upper
69	100		
41	69.3	60.3	90.5
39	37.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 62.45 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 274001

Ion Ratio Lower Upper

76 100

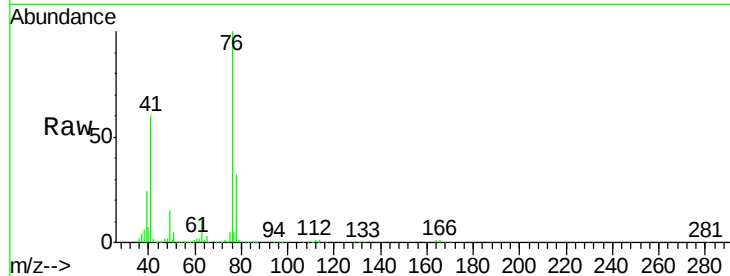
78 32.6 25.8 38.6

Manual Integrations

APPROVED

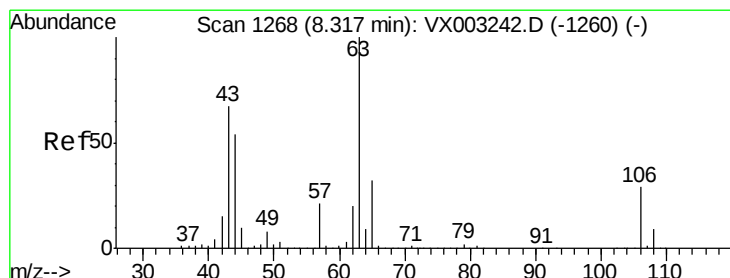
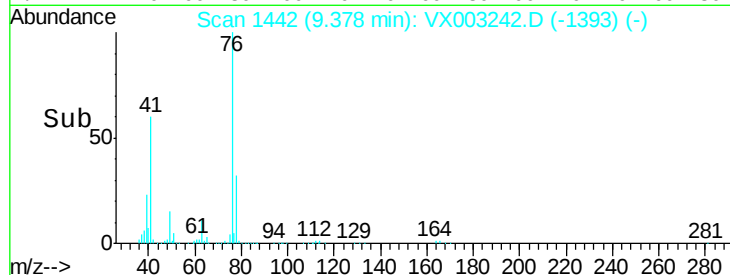
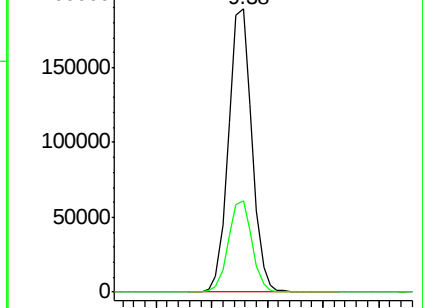
MMDadoda

7/10/2018 3:11:44 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 327.46 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003242.D

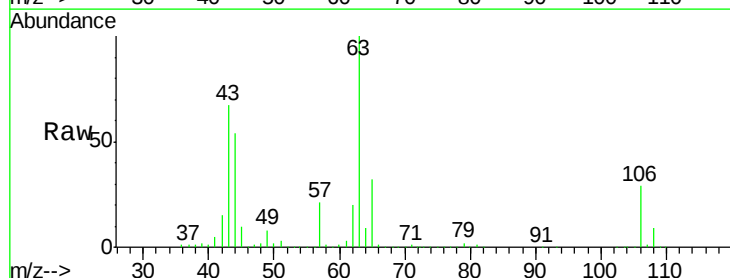
Acq: 09 Jul 2018 12:43

Tgt Ion: 63 Resp: 616822

Ion Ratio Lower Upper

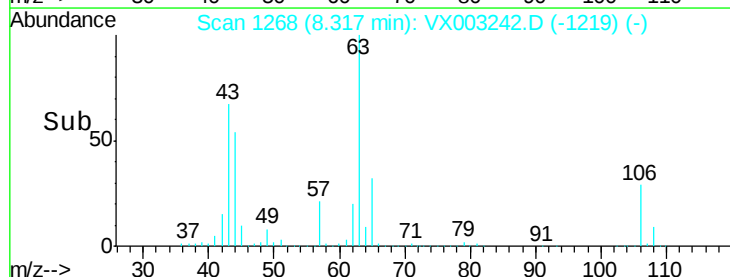
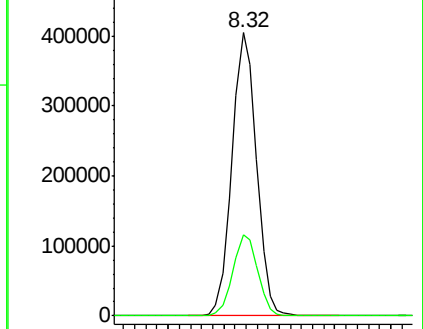
63 100

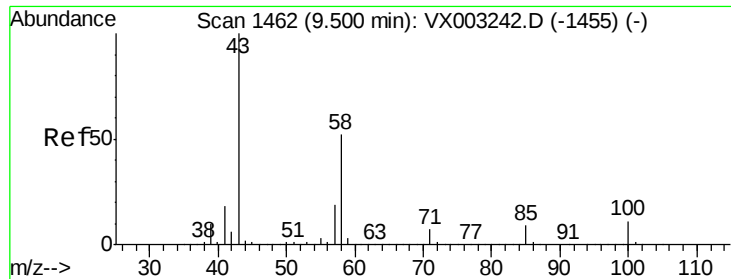
106 29.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





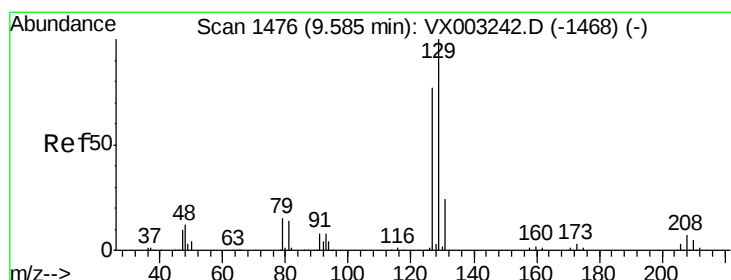
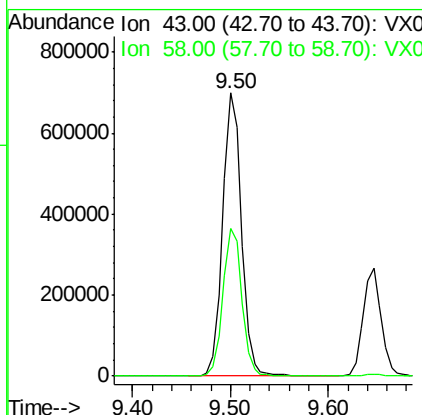
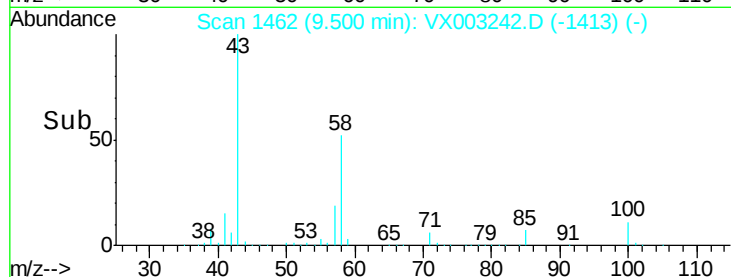
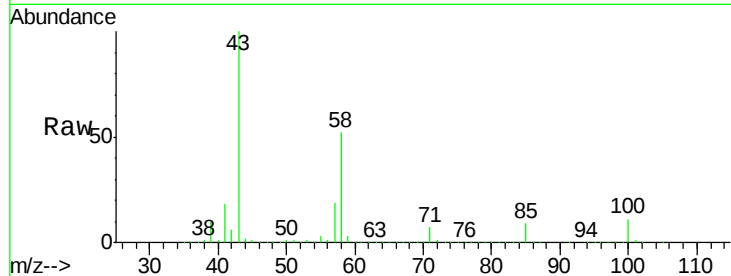
#59
2-Hexanone
Concen: 312.16 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 936206
Ion Ratio Lower Upper
43 100
58 52.5 24.6 73.6

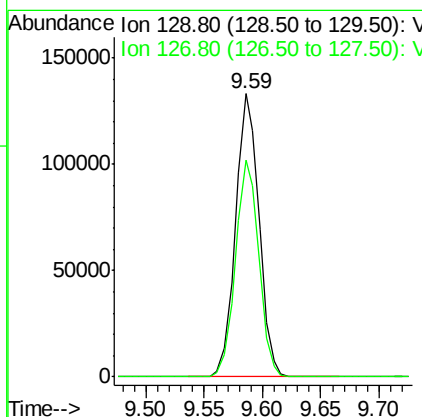
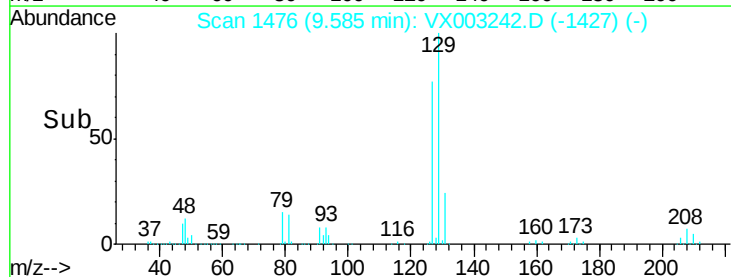
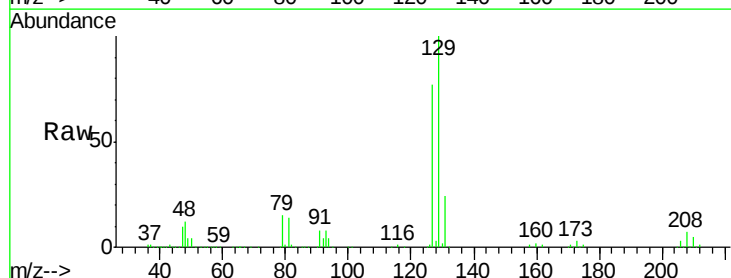
Manual Integrations
APPROVED

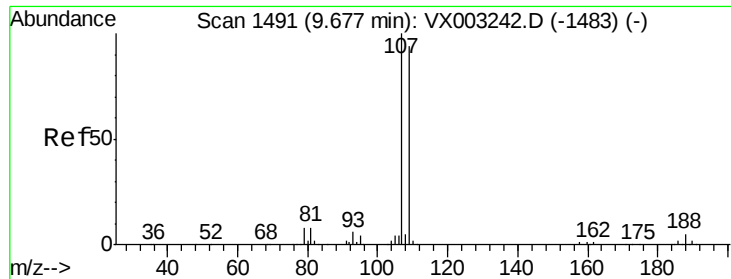
MMDadoda
7/10/2018 3:11:44 PM



#60
Dibromochloromethane
Concen: 66.56 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 129 Resp: 187180
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





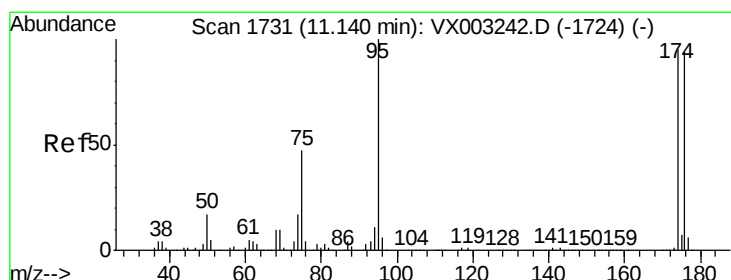
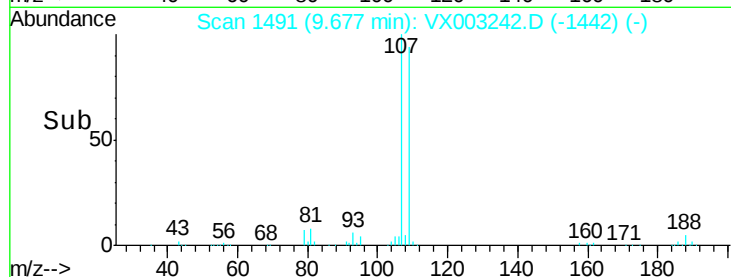
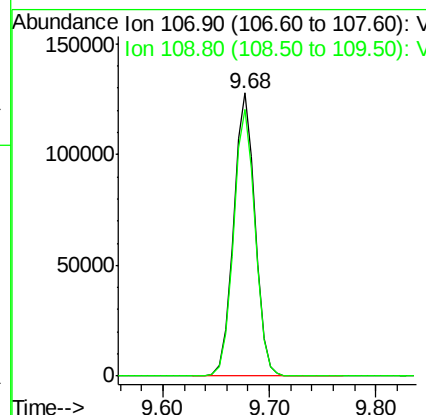
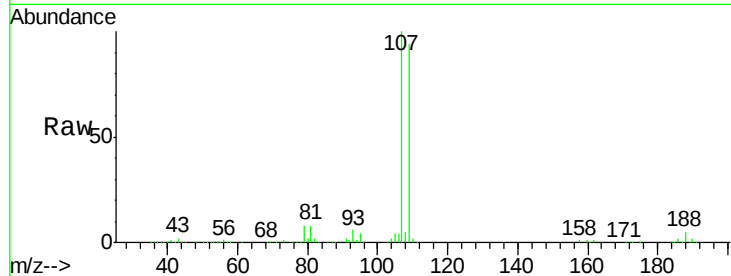
#61
 1,2-Dibromoethane
 Concen: 64.26 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	180065		
109	95.1	75.3	112.9	

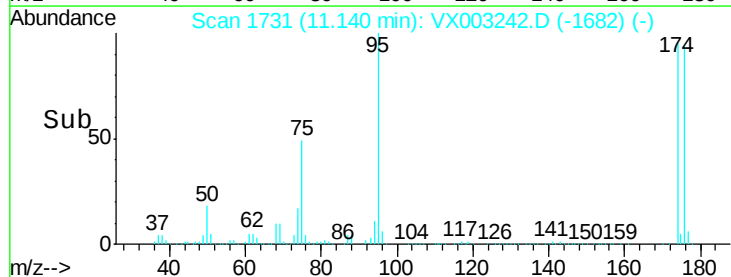
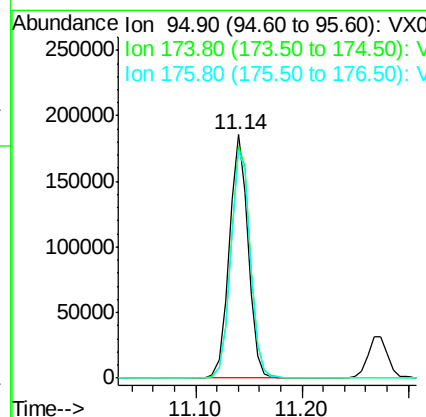
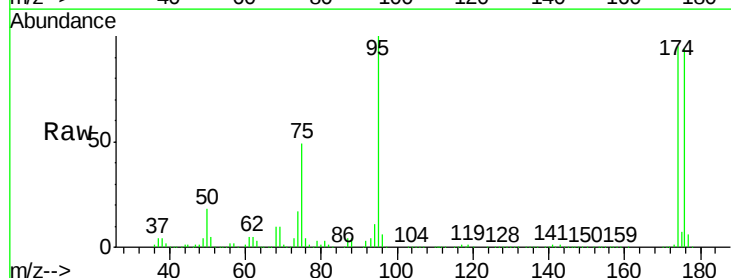
Manual Integrations
 APPROVED

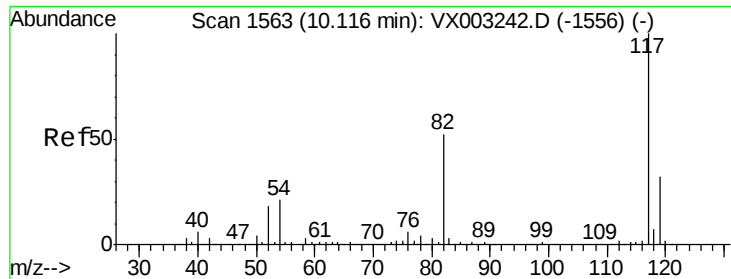
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 64.47 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	229014		
174	98.7	0.0	187.4	
176	97.2	0.0	181.0	





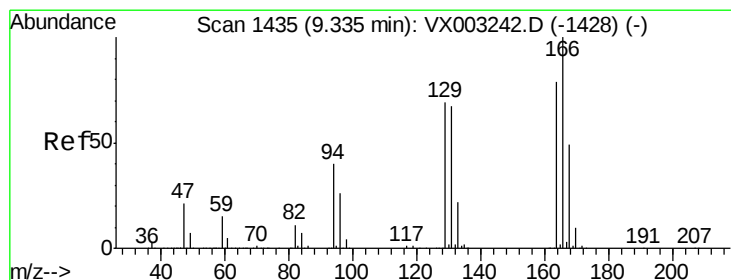
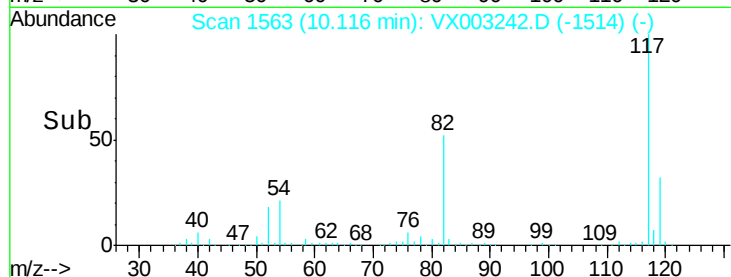
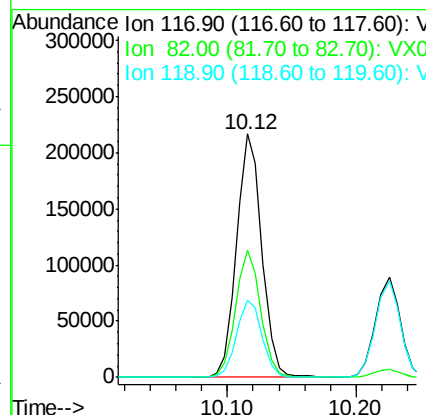
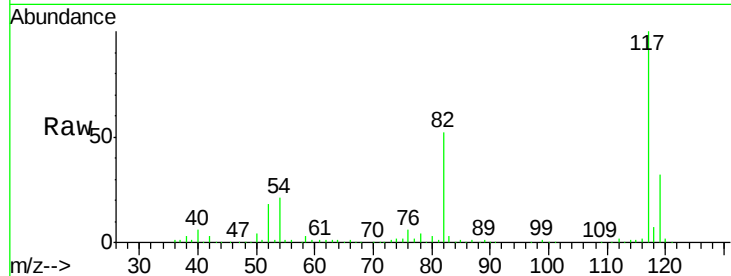
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.0	67.4
119	31.9	25.8	38.6

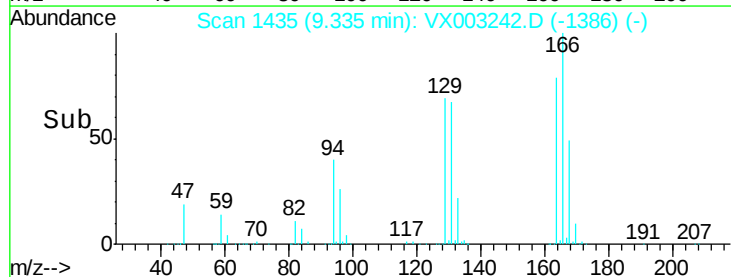
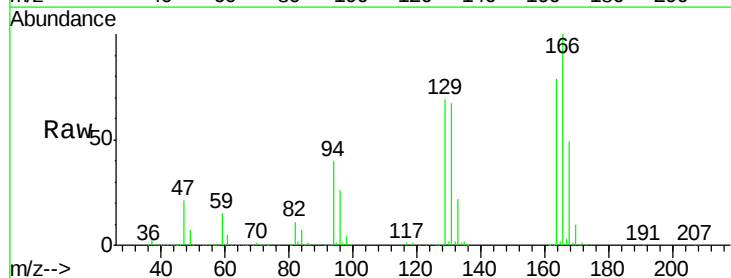
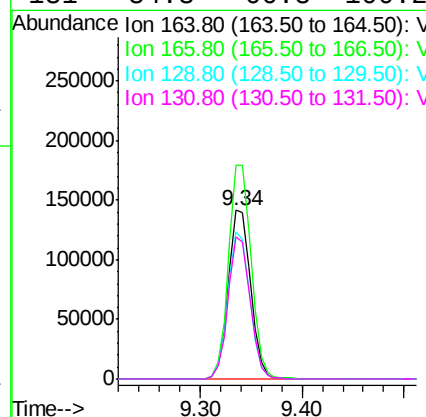
Manual Integrations
APPROVED

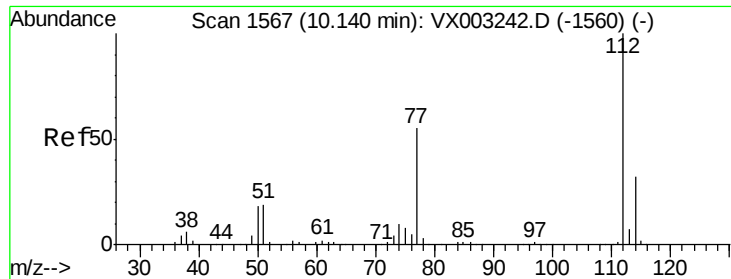
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#64
Tetrachloroethene
Concen: 65.12 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.9	154.3
129	87.1	68.6	102.8
131	84.3	66.8	100.2





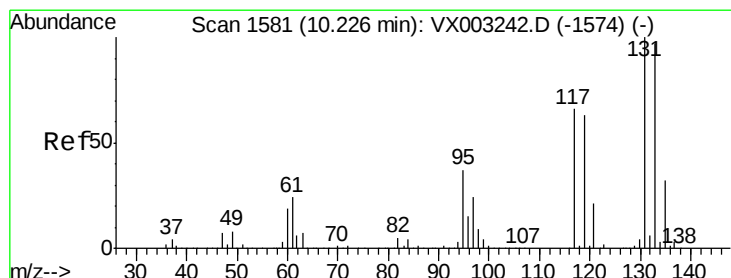
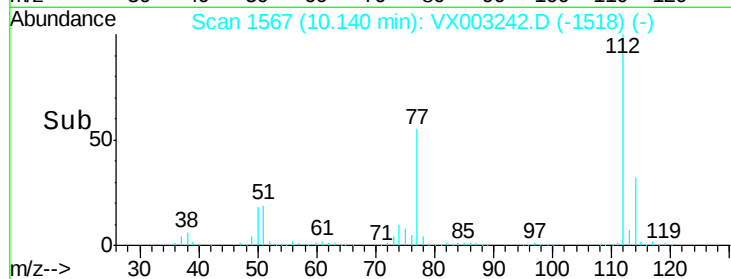
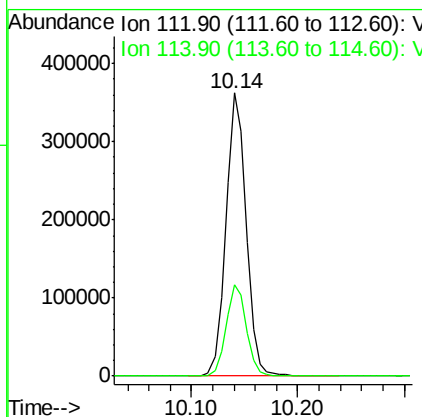
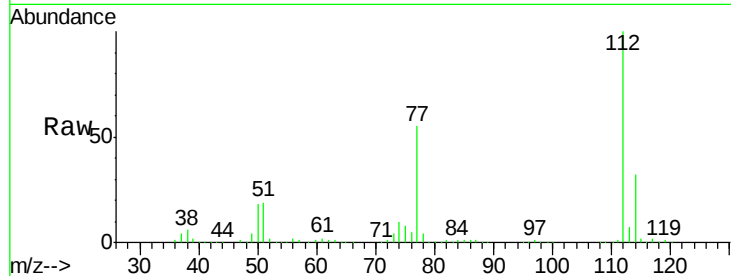
#65
Chlorobenzene
Concen: 64.11 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 482909
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

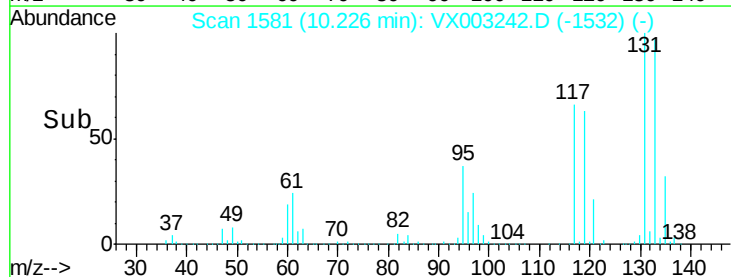
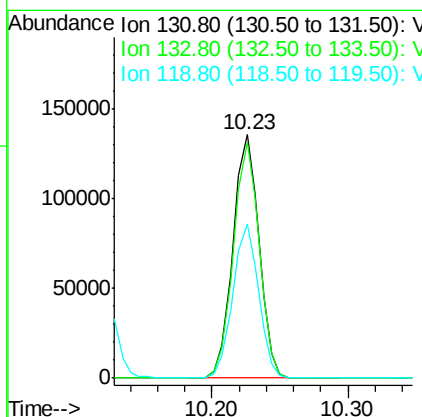
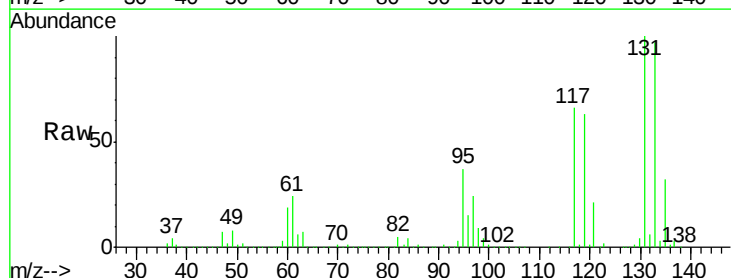
Manual Integrations
APPROVED

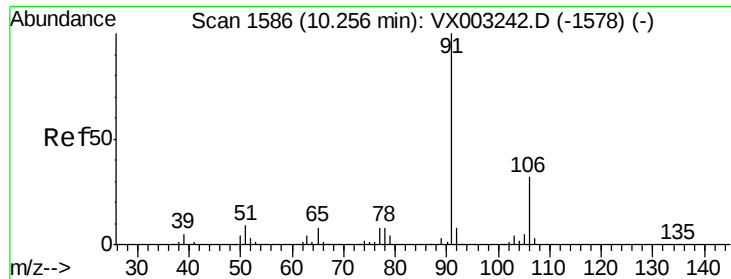
MMDadoda
7/10/2018 3:11:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 65.99 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion:131 Resp: 180551
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 62.9 31.8 95.3





#67

Ethyl Benzene

Concen: 65.16 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 810703

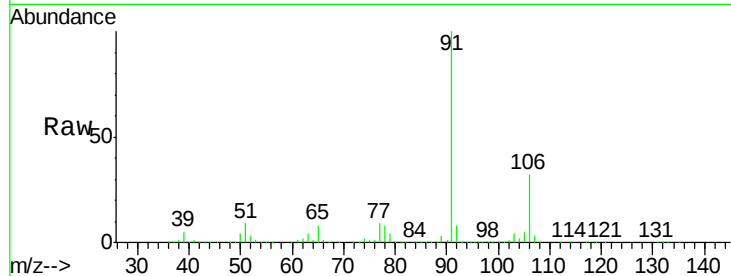
Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3

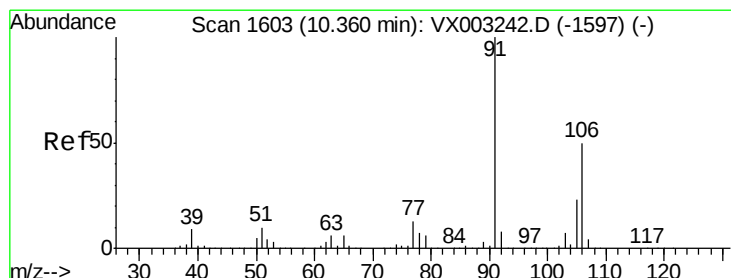
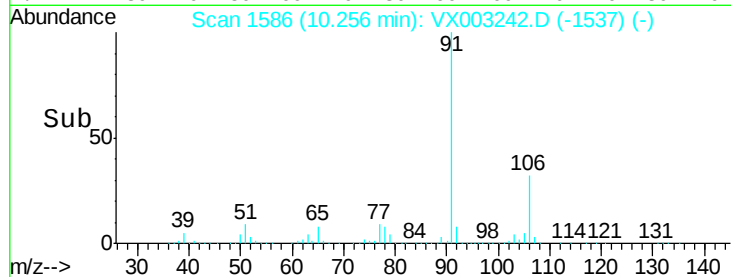
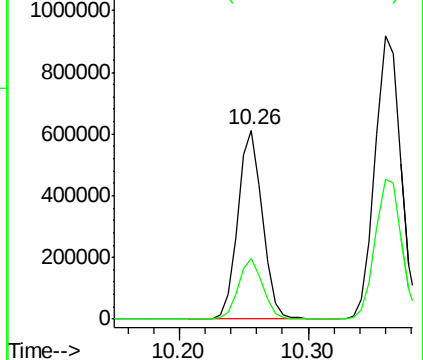
Manual Integrations
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 133.08 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003242.D

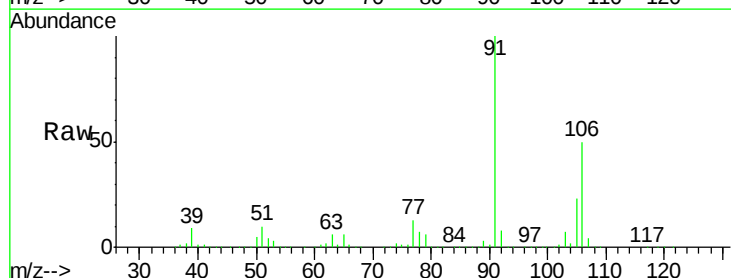
Acq: 09 Jul 2018 12:43

Tgt Ion: 106 Resp: 638167

Ion Ratio Lower Upper

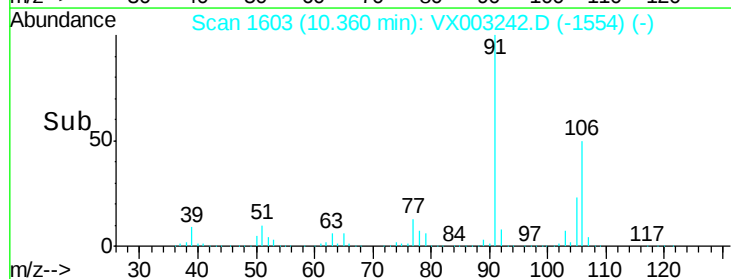
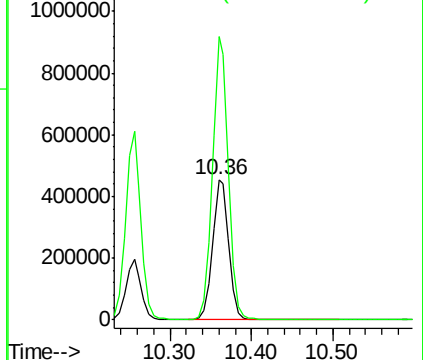
106 100

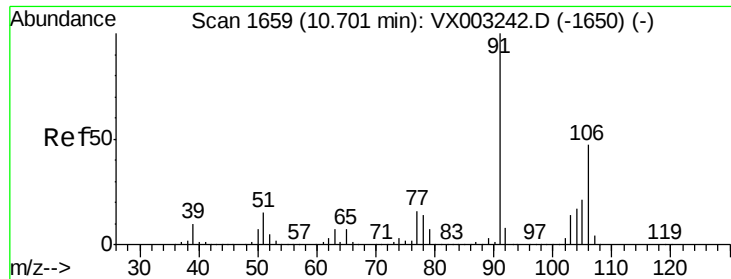
91 198.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





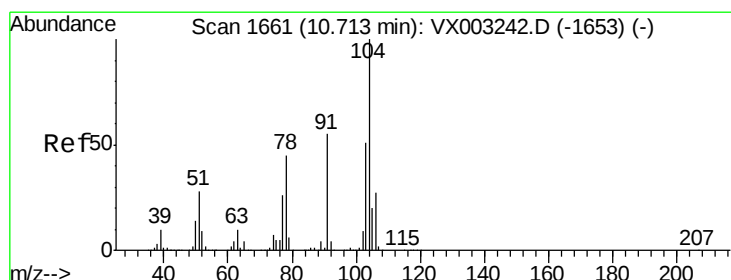
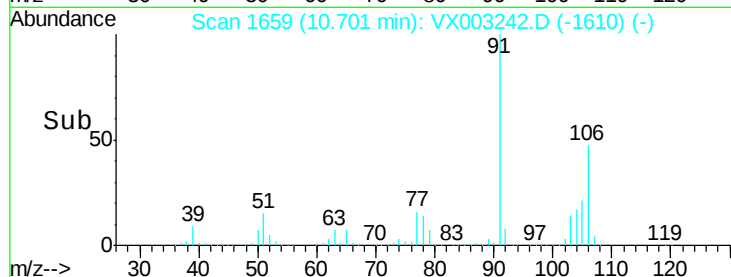
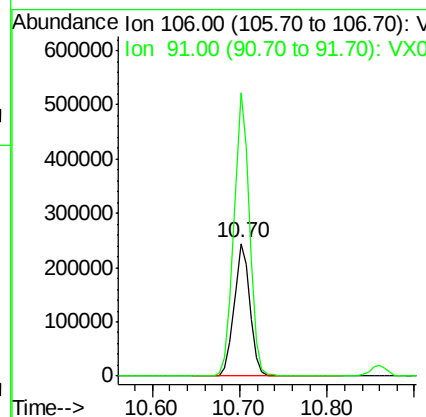
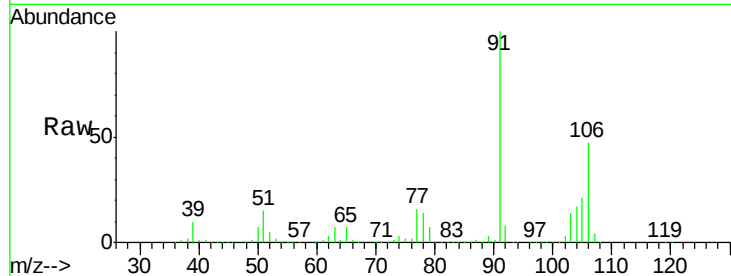
#69
o-Xylene
Concen: 65.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.1	108.2	324.6	

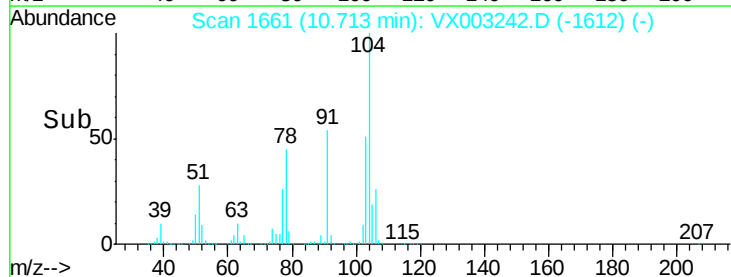
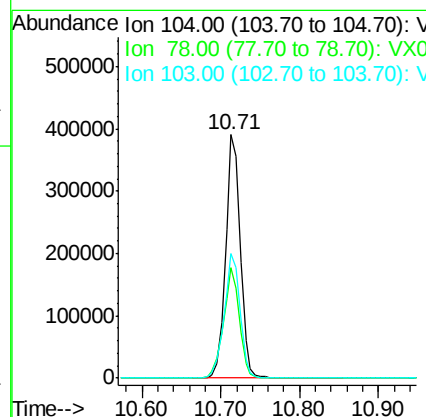
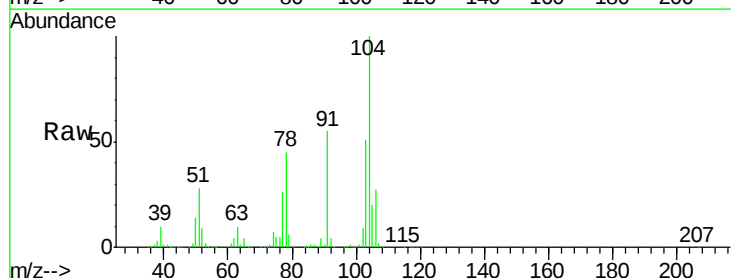
Manual Integrations
APPROVED

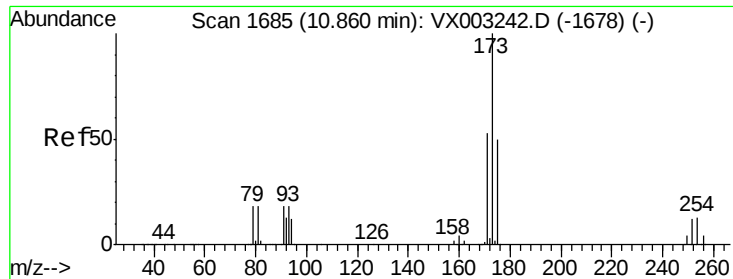
MMDadoda
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#70
Styrene
Concen: 66.76 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.1	41.0	61.6	
103	55.5	44.2	66.4	





#71

Bromoform

Concen: 70.04 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 150627

Ion Ratio Lower Upper

173 100

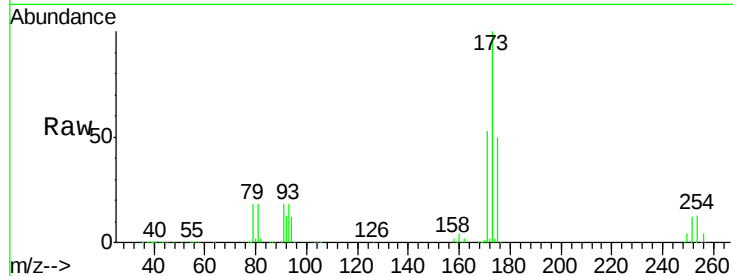
175 49.1 24.7 74.1

254 0.2 0.2 0.2

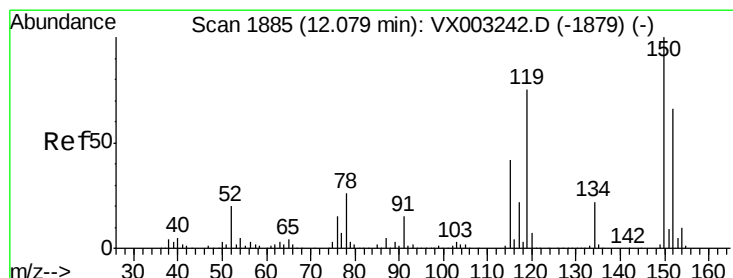
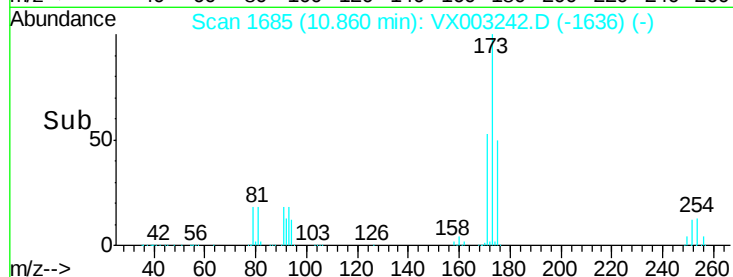
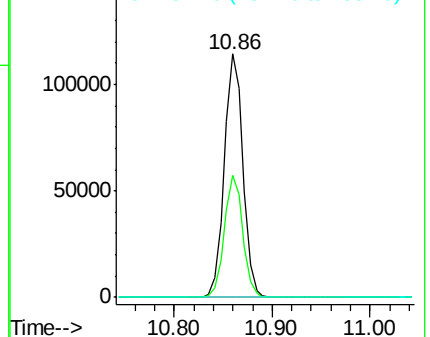
Manual Integrations
APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

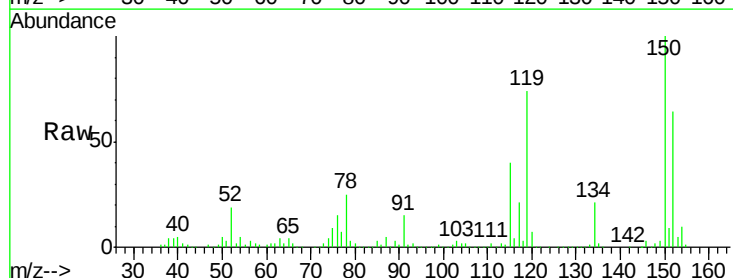
Tgt Ion:152 Resp: 213634

Ion Ratio Lower Upper

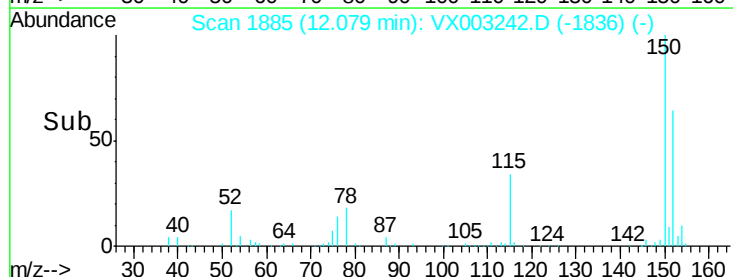
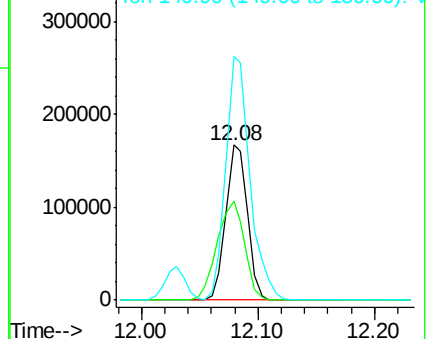
152 100

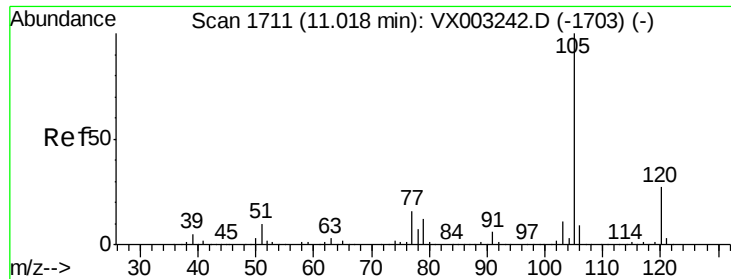
115 80.3 40.1 120.2

150 176.8 0.0 347.2



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





#73

Isopropylbenzene

Concen: 57.73 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 829661

Ion Ratio Lower Upper

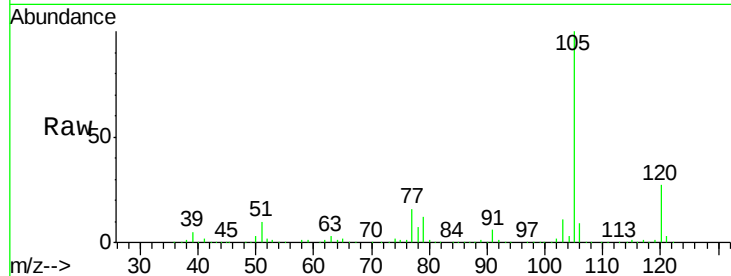
105 100

120 27.4 13.5 40.4

Manual Integrations
APPROVED

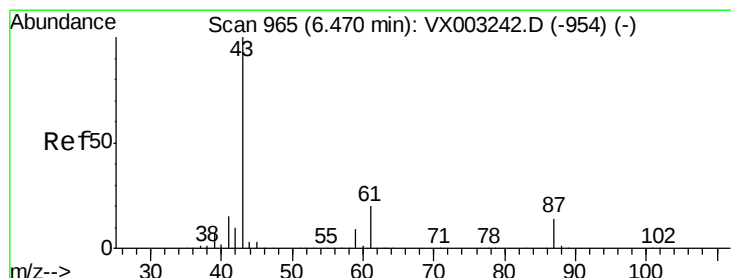
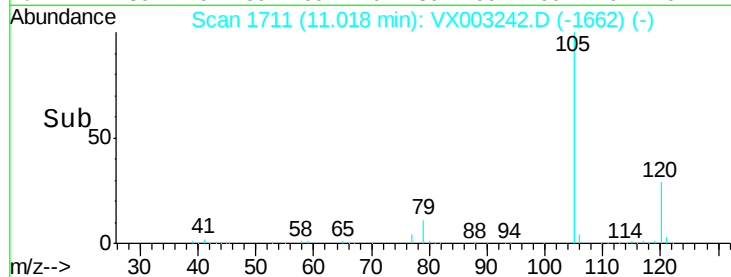
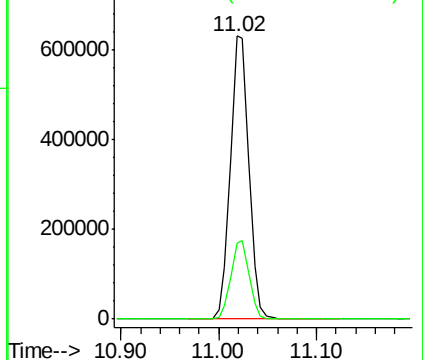
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.95 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion: 43 Resp: 379387

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

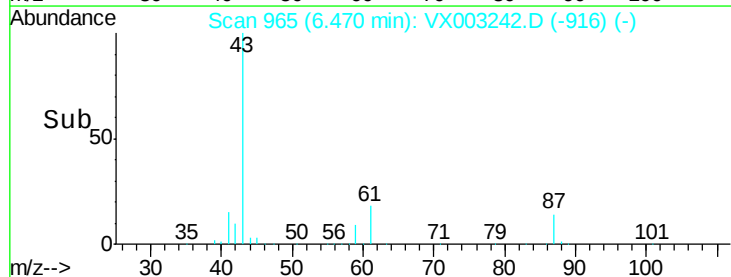
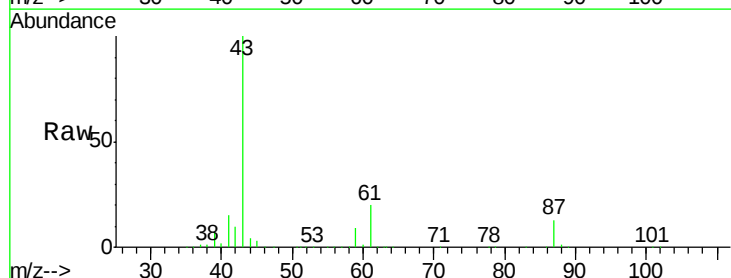
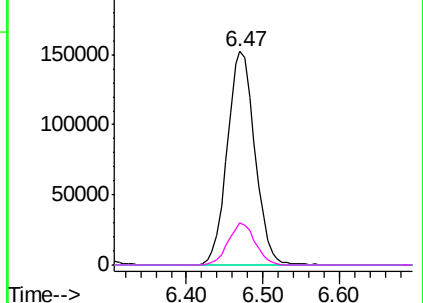
61 19.2 14.4 21.6

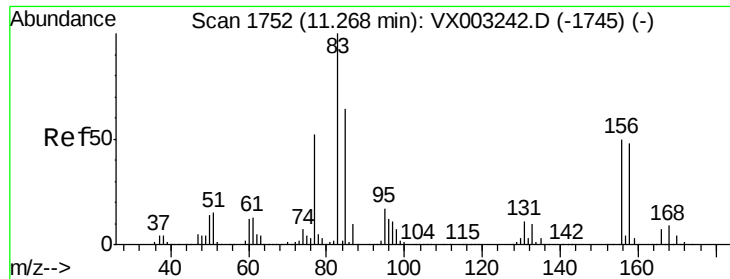
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





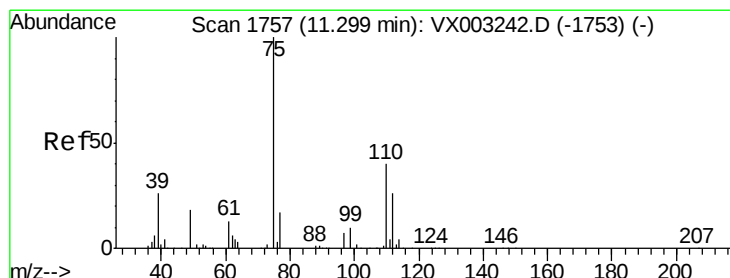
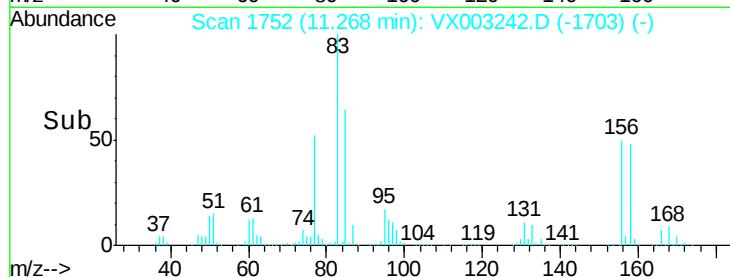
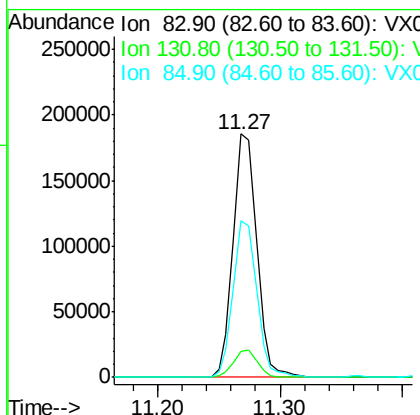
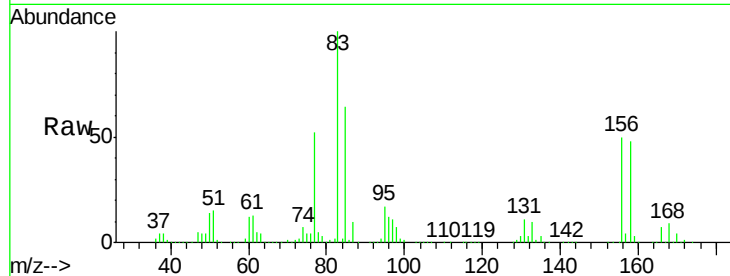
#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.24 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	248960		
131	11.2	5.6	16.8	
85	64.5	32.4	97.2	

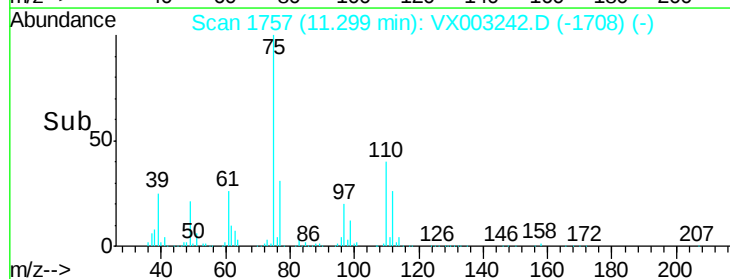
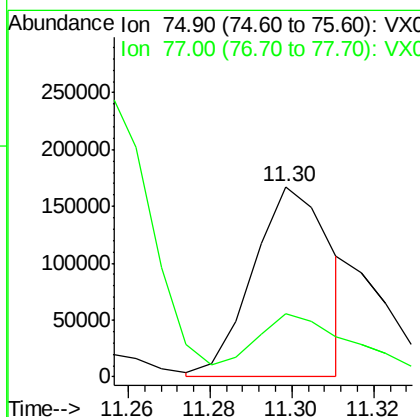
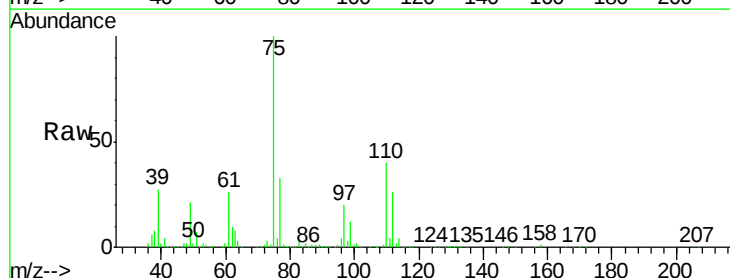
Manual Integrations
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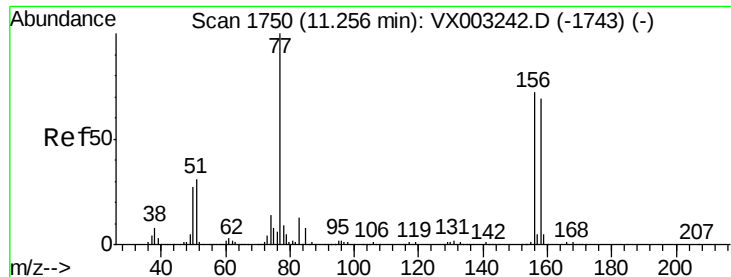
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 56.94 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	220356		
77	42.9	22.8	68.3	





#77

Bromobenzene

Concen: 57.77 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 236444

Ion Ratio Lower Upper

156 100

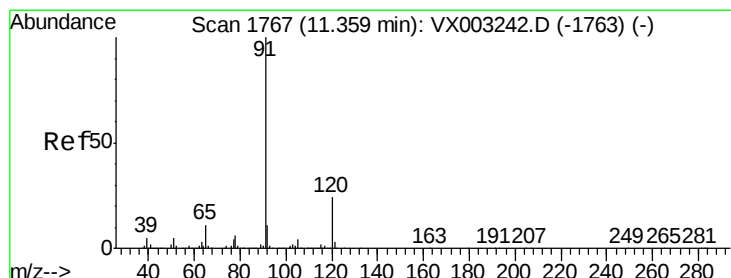
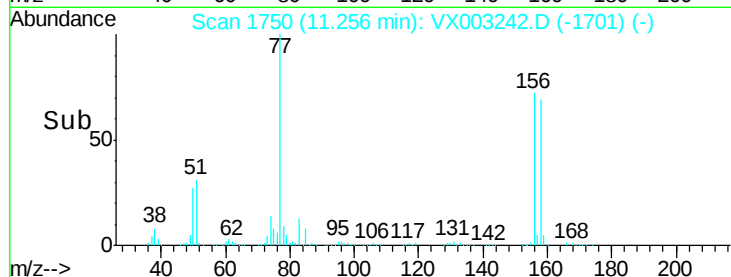
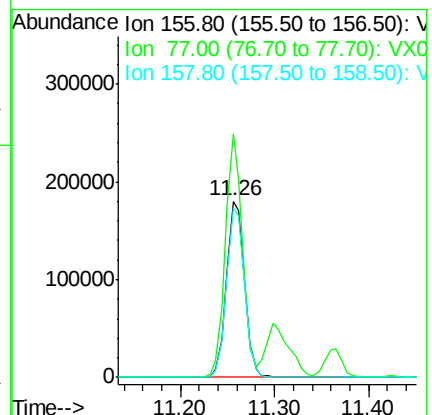
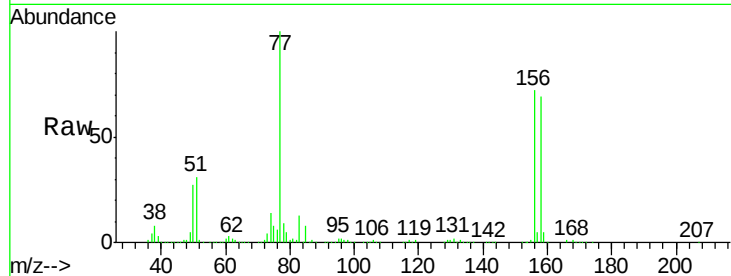
77 132.2 71.4 214.2

158 96.8 48.9 146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 57.65 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003242.D

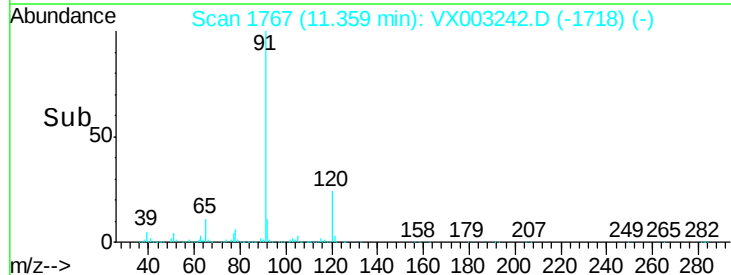
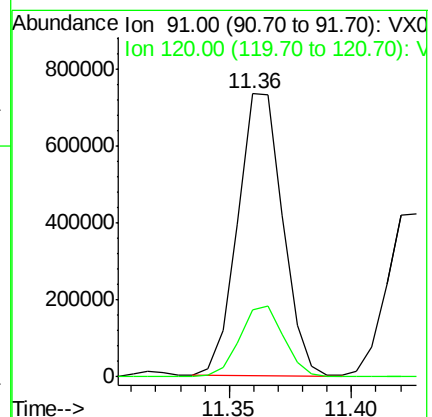
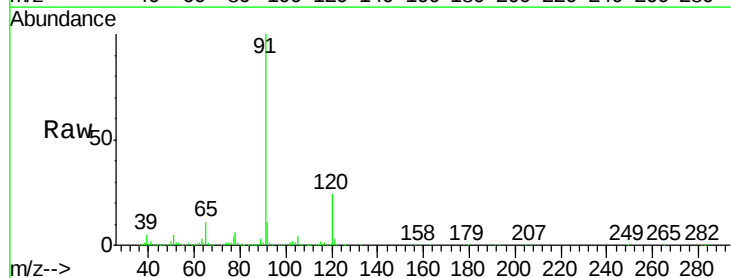
Acq: 09 Jul 2018 12:43

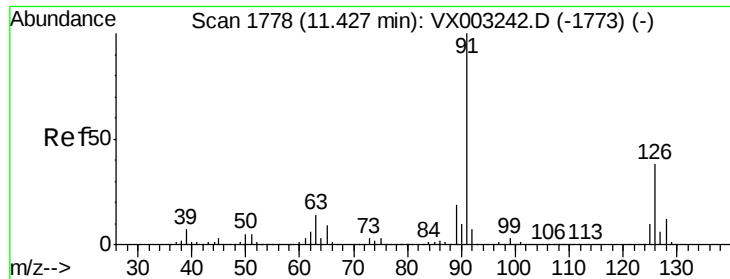
Tgt Ion: 91 Resp: 943061

Ion Ratio Lower Upper

91 100

120 24.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 56.20 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 556659

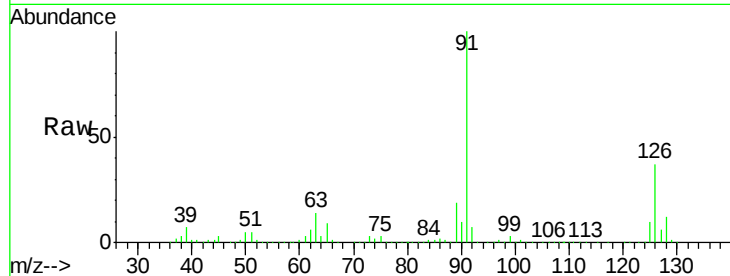
Ion Ratio Lower Upper

91 100

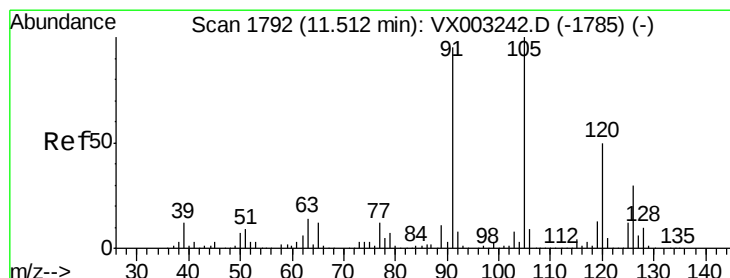
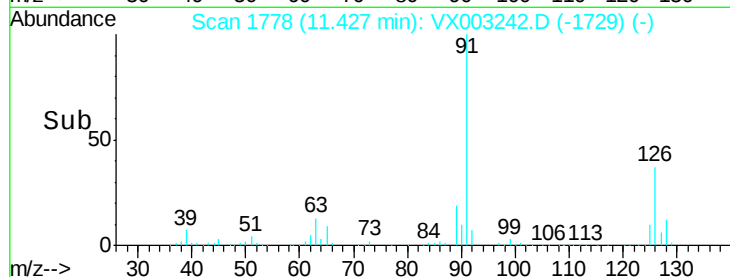
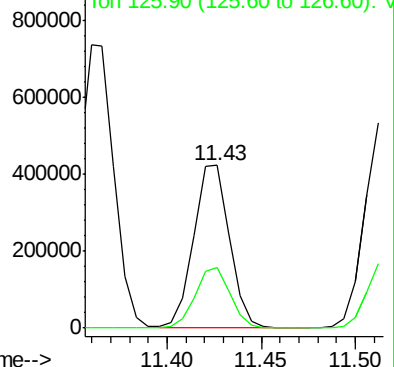
126 36.7 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX003242.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.21 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003242.D

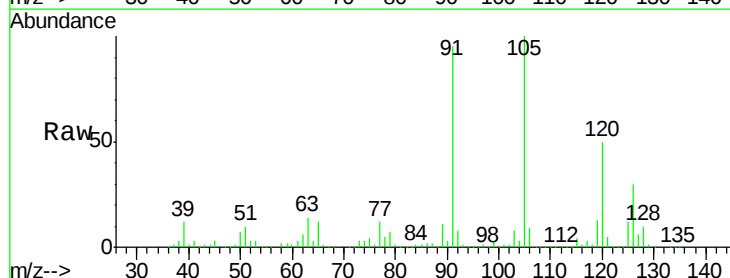
Acq: 09 Jul 2018 12:43

Tgt Ion: 105 Resp: 704608

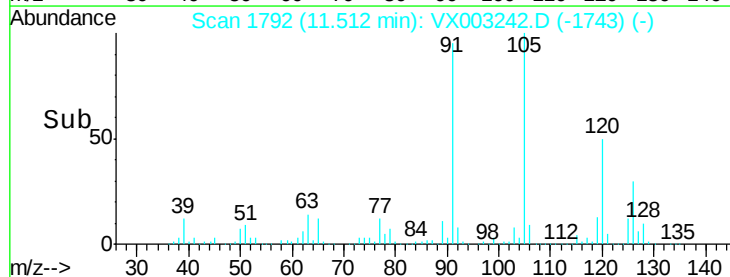
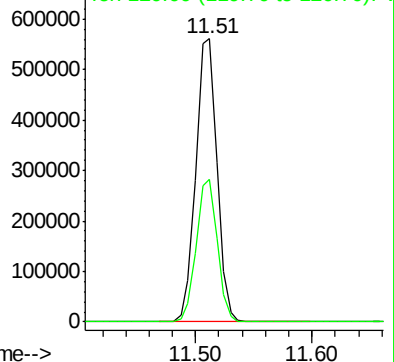
Ion Ratio Lower Upper

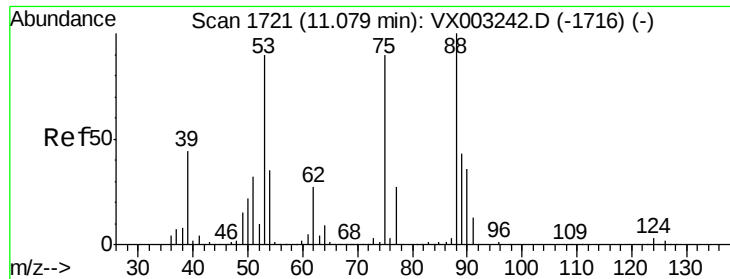
105 100

120 50.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003242.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 63.69 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 72660

Ion Ratio Lower Upper

75 100

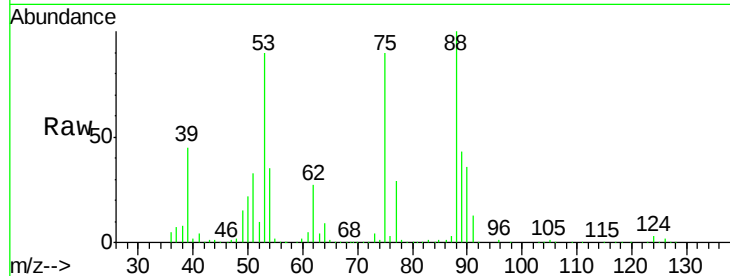
53 100.7 86.8 130.2

89 48.6 38.2 57.2

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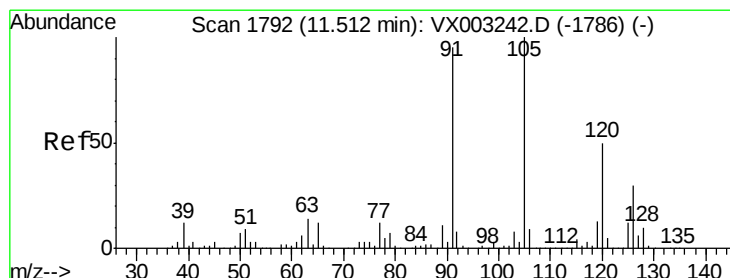
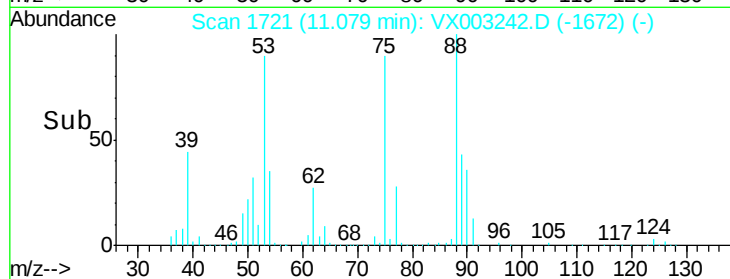
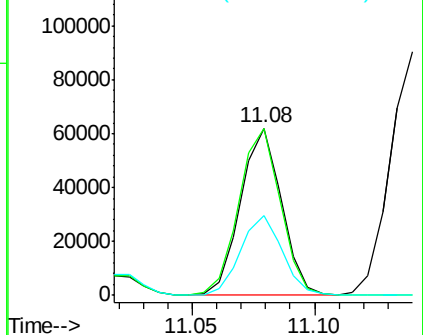
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 56.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003242.D

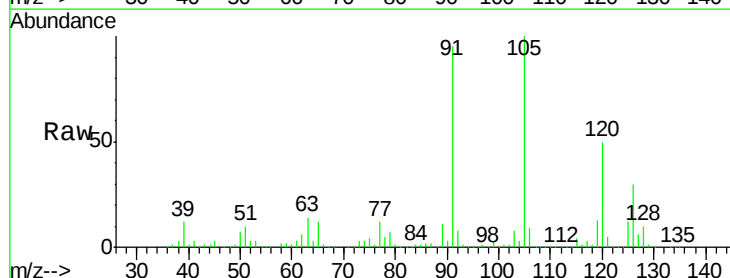
Acq: 09 Jul 2018 12:43

Tgt Ion: 91 Resp: 656897

Ion Ratio Lower Upper

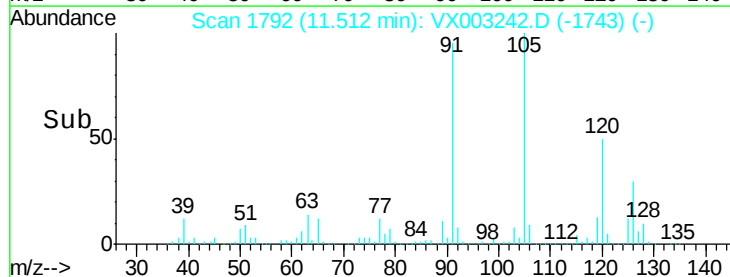
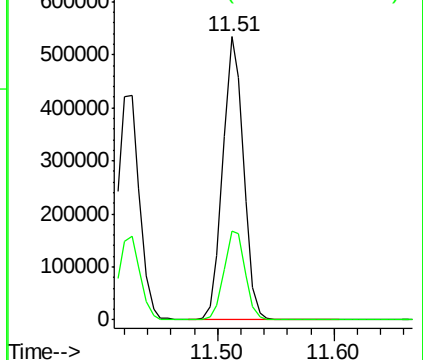
91 100

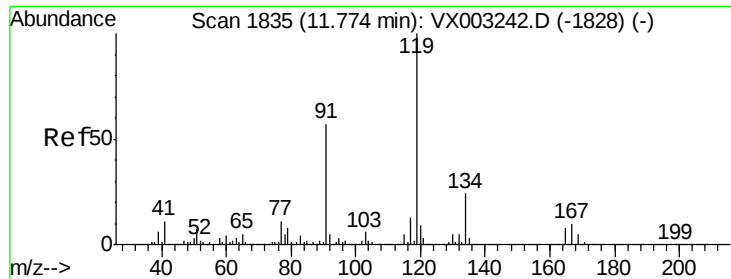
126 32.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 58.57 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

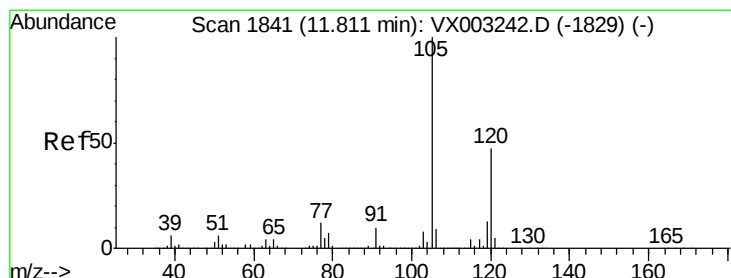
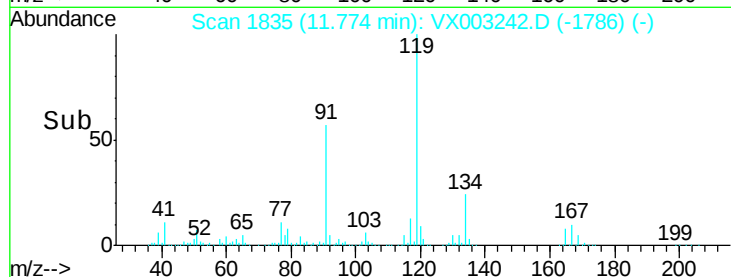
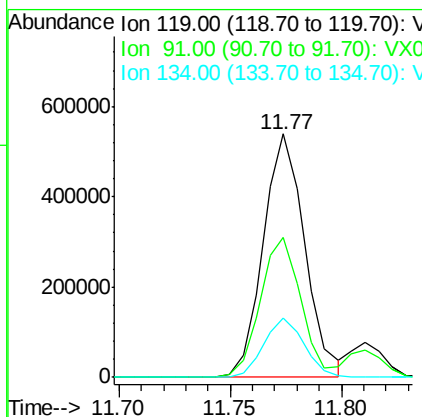
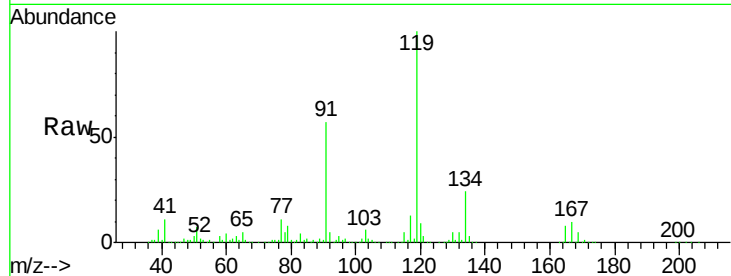
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	698733
Ion Ratio	Lower	Upper	
119	100		
91	56.6	30.3	90.9
134	23.8	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 58.19 ug/l

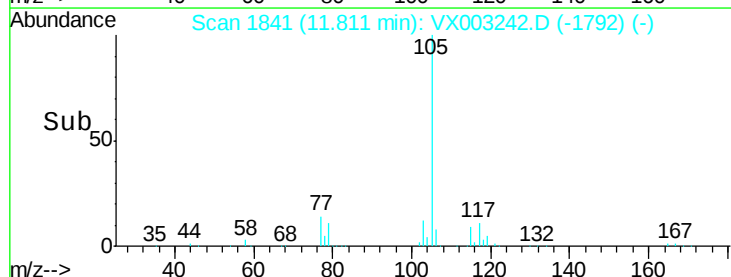
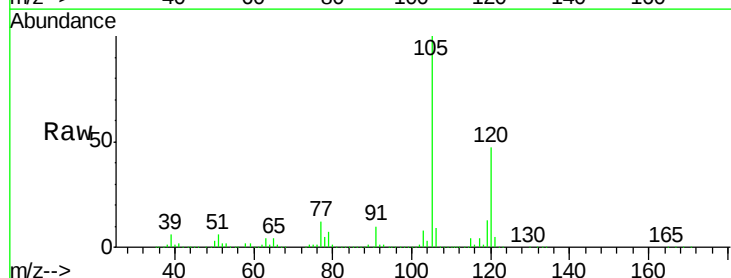
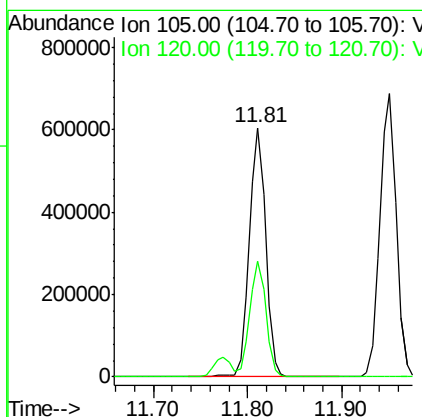
RT: 11.81 min Scan# 1841

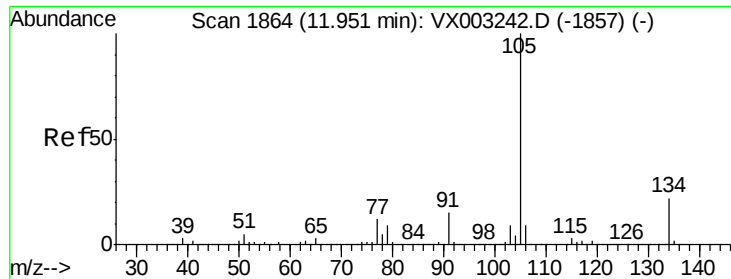
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	105	Resp:	729850
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.3	66.8





#85

sec-Butylbenzene

Concen: 57.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 829124

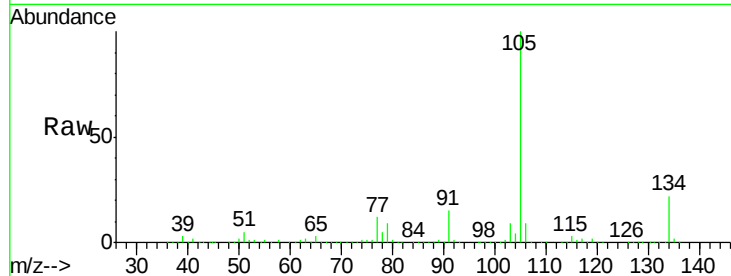
Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

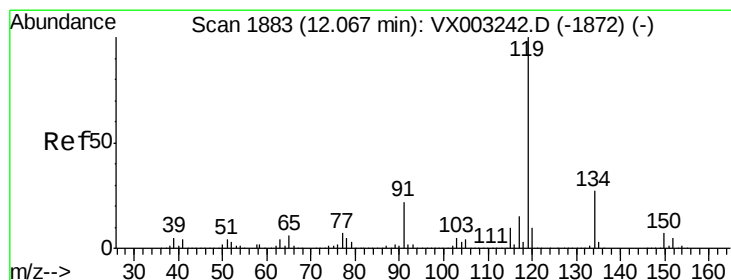
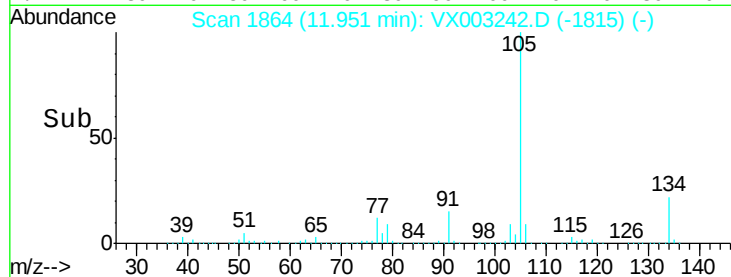
400000

200000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 58.77 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

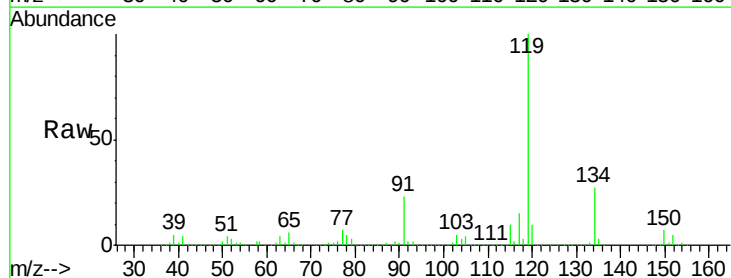
Tgt Ion:119 Resp: 764667

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

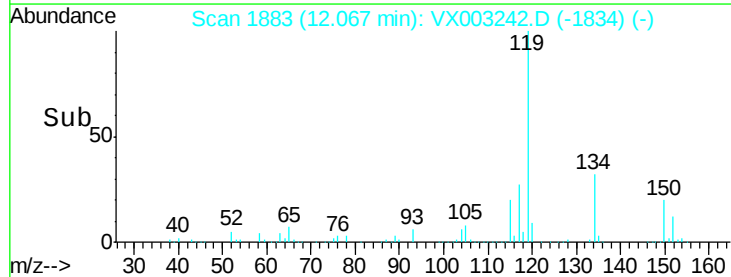
400000

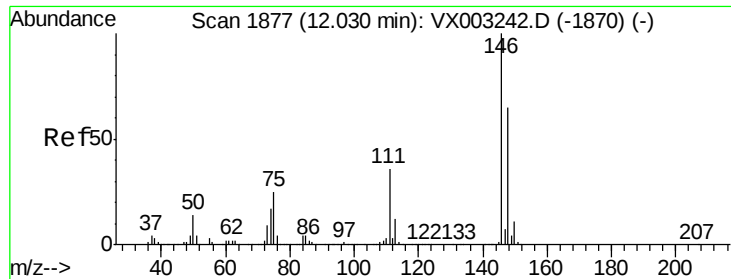
200000

0

12.00 12.05 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 56.90 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

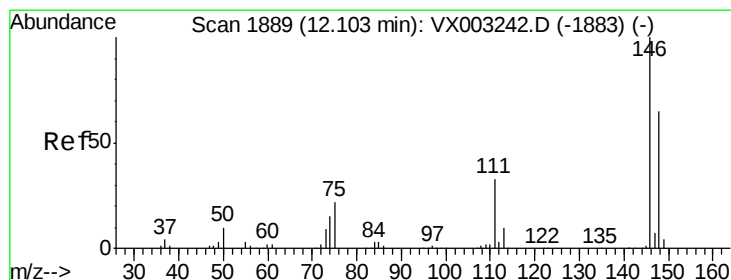
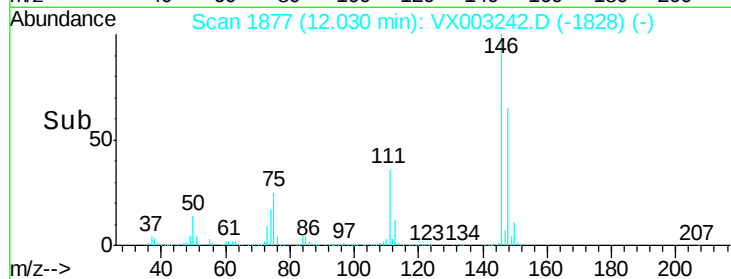
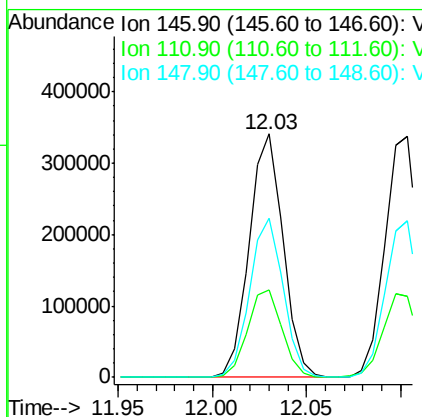
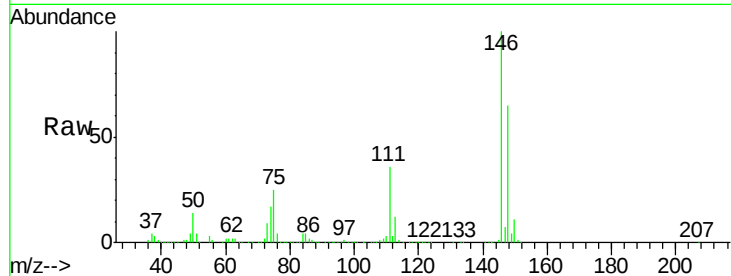
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	425307
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.9	56.7
148	64.8	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 56.11 ug/l

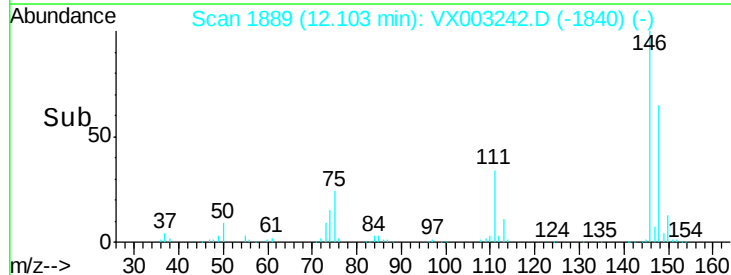
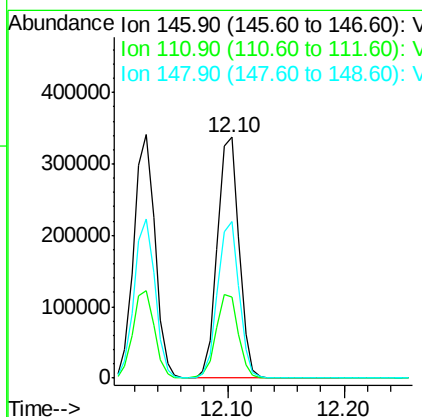
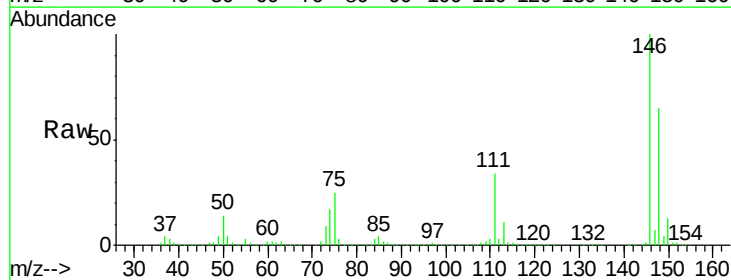
RT: 12.10 min Scan# 1889

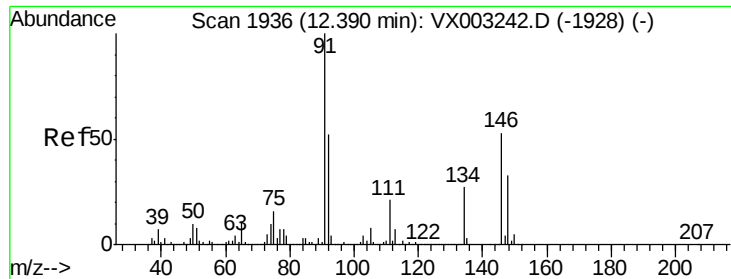
Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion:	146	Resp:	431645
Ion Ratio	Lower	Upper	
146	100		
111	35.4	18.7	56.1
148	64.4	32.4	97.0





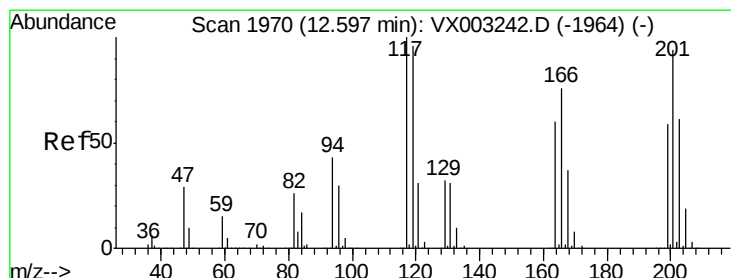
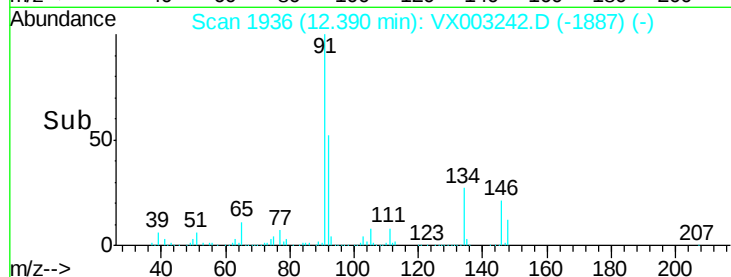
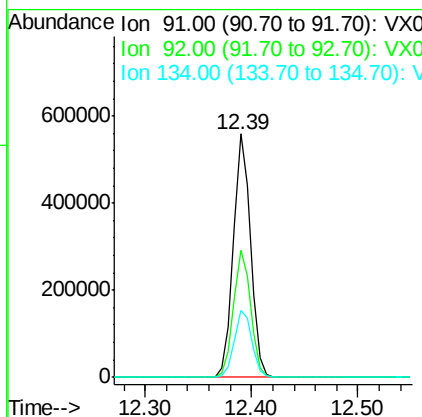
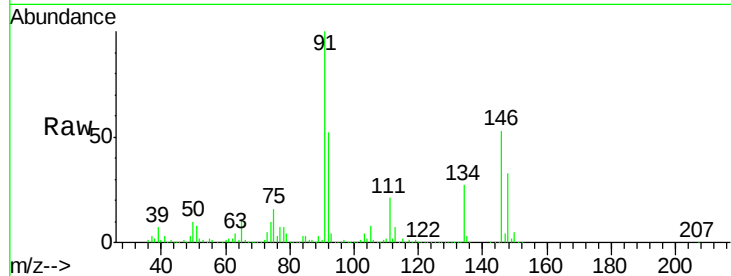
#89
n-Butylbenzene
Concen: 56.14 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	28.0	13.5	40.5

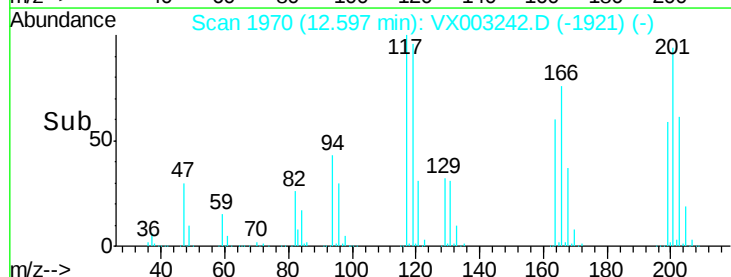
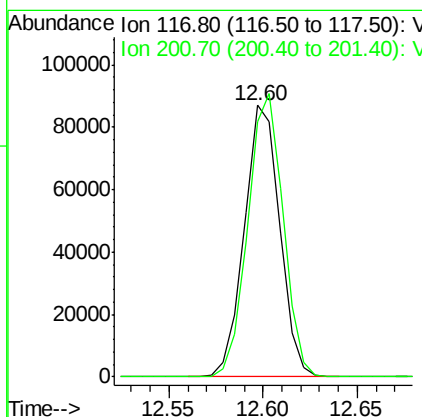
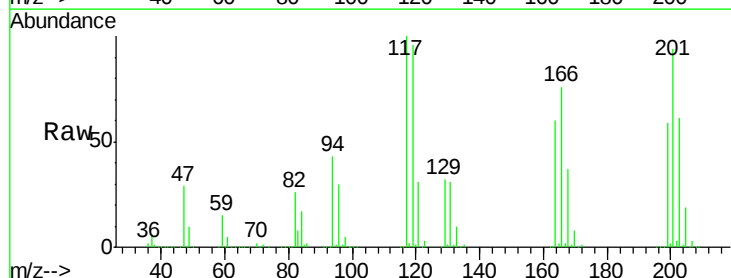
Manual Integrations
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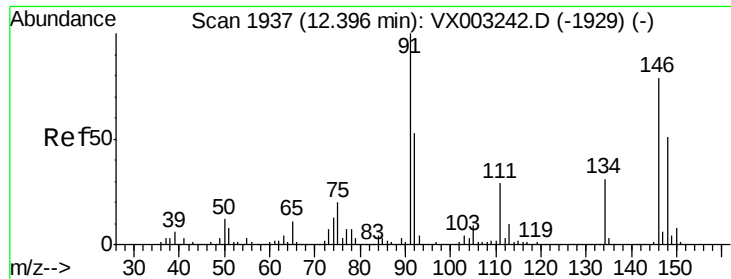
MMDadoda
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#90
Hexachloroethane
Concen: 58.76 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.2	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 57.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 146 Resp: 430700

Ion Ratio Lower Upper

146 100

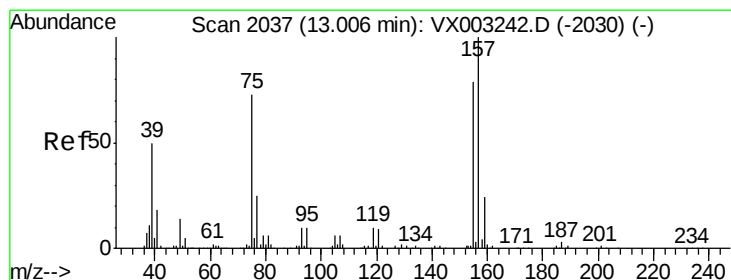
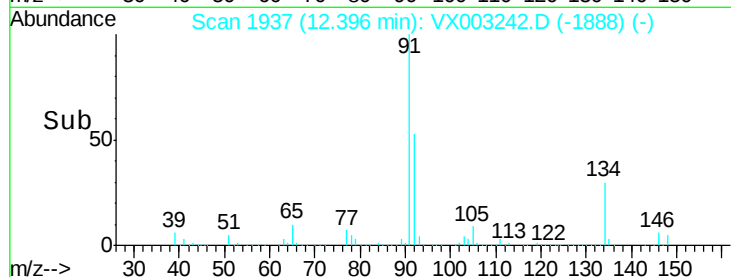
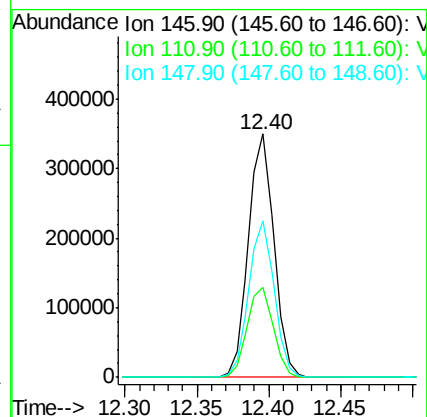
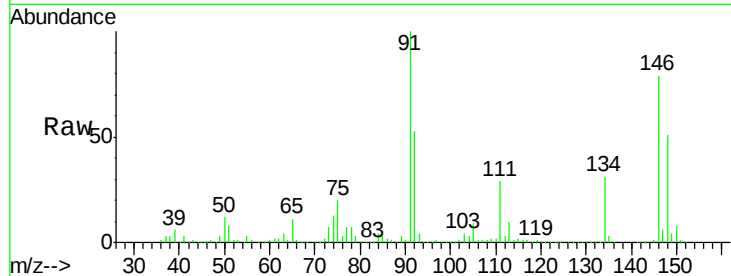
111 37.7 19.4 58.1

148 63.7 31.7 95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 56.54 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

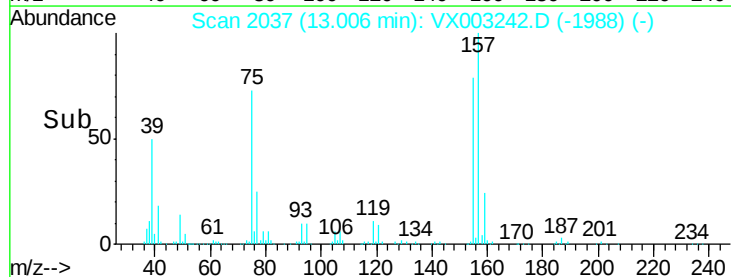
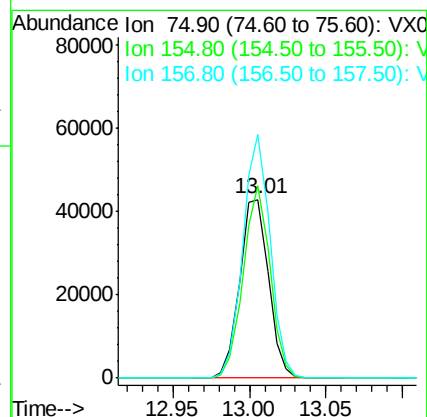
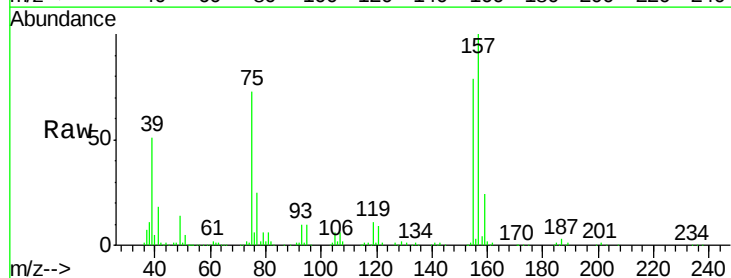
Tgt Ion: 75 Resp: 56267

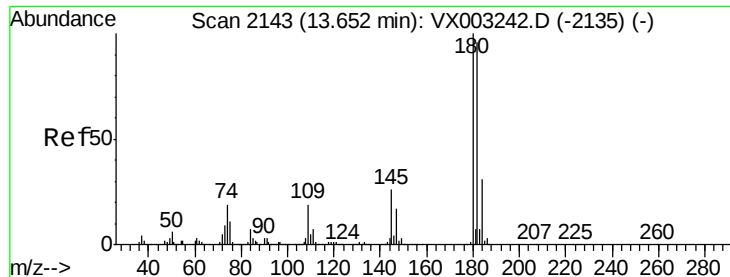
Ion Ratio Lower Upper

75 100

155 99.9 45.8 137.4

157 128.2 60.1 180.3





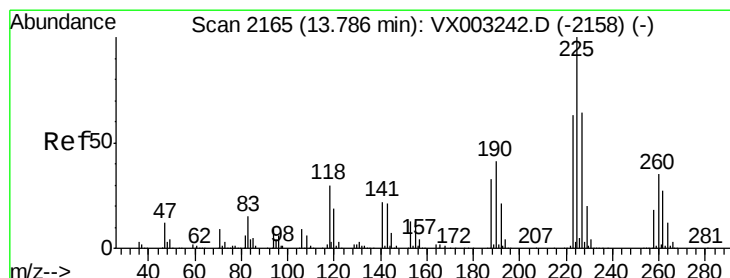
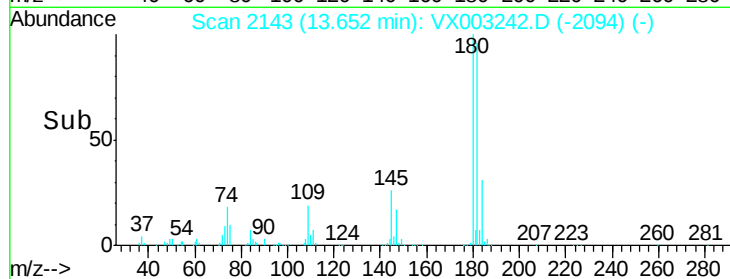
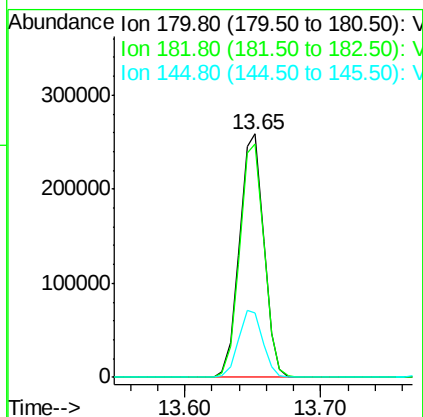
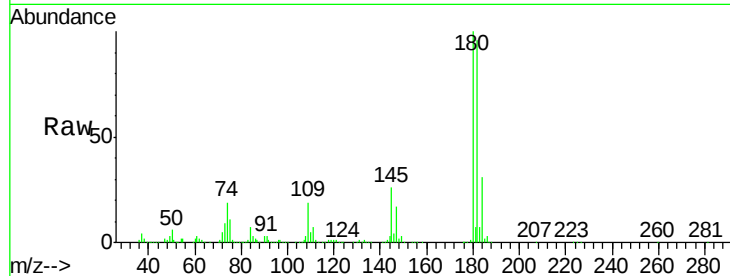
#93
 1,2,4-Trichlorobenzene
 Concen: 58.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	321085		
182	96.4	47.7	143.1	
145	27.6	14.1	42.4	

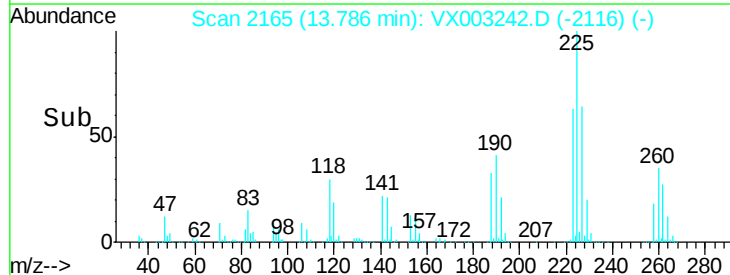
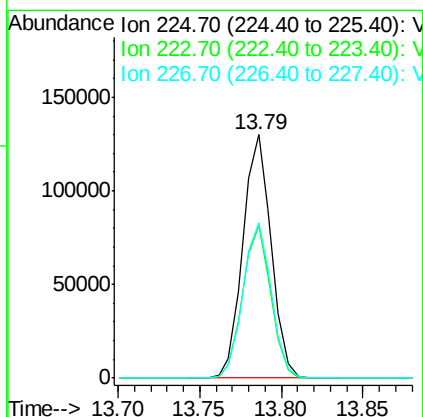
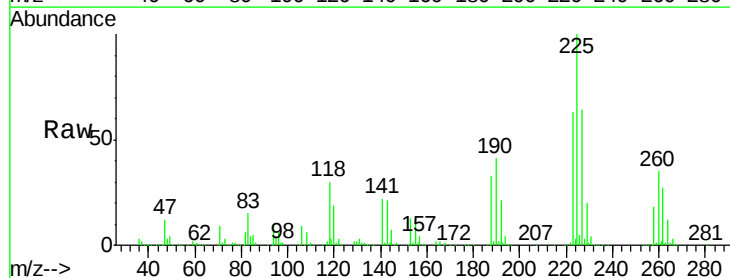
Manual Integrations
 APPROVED

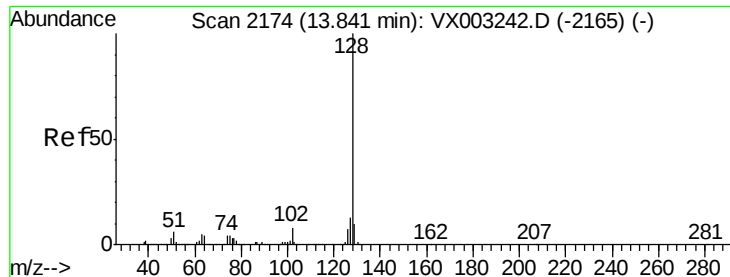
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#94
 Hexachlorobutadiene
 Concen: 57.30 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156917		
223	62.4	31.6	95.0	
227	63.9	32.4	97.2	





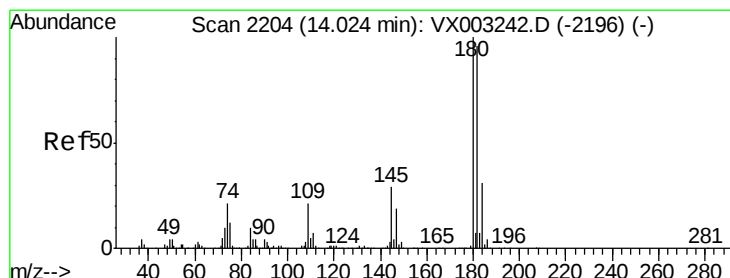
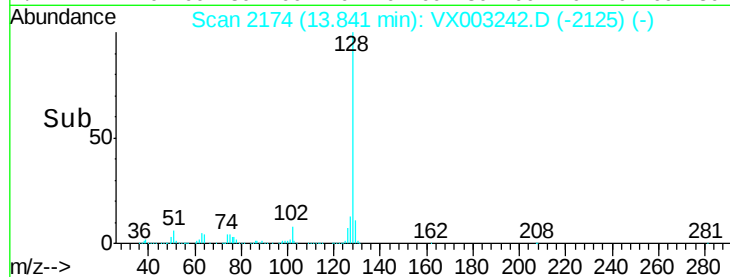
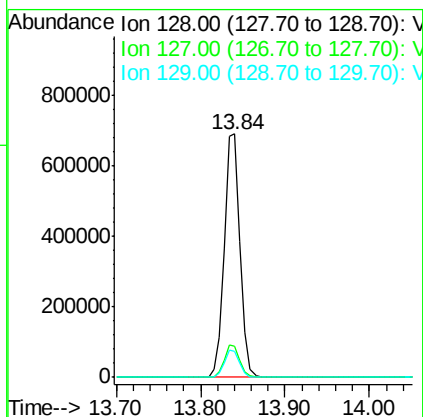
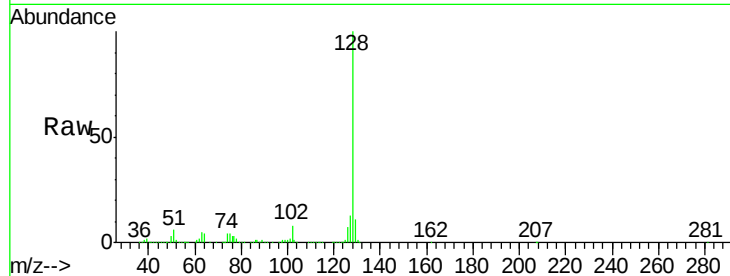
#95
Naphthalene
Concen: 60.80 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

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

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#96
1,2,3-Trichlorobenzene
Concen: 59.30 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.0
145	29.2	14.8	44.3

