

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000565.D
 Acq On : 30 Mar 2018 17:31
 Operator : JC/MD
 Sample : VX0330MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Manual Integrations
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Quant Time: Apr 04 10:42:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	231356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	133821	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
35) Dibromofluoromethane	5.51	113	118069	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.73	98	440788	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.15	95	169421	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	40646	15.94	ug/l	100
3) Chloromethane	1.32	50	42631	15.87	ug/l	98
4) Vinyl Chloride	1.40	62	49738	17.52	ug/l	96
5) Bromomethane	1.64	94	49869	14.71	ug/l	92
6) Chloroethane	1.73	64	32544	20.00	ug/l	95
7) Trichlorofluoromethane	1.93	101	91022	17.77	ug/l	99
8) Diethyl Ether	2.20	74	32267	17.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51367	17.98	ug/l	91
10) Methyl Iodide	2.51	142	44000	18.49	ug/l	98
11) Tert butyl alcohol	3.09	59	89992	86.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47622	18.99	ug/l	92
13) Acrolein	2.30	56	58362	180.28	ug/l	97
14) Allyl chloride	2.73	41	74989	16.86	ug/l	98
15) Acrylonitrile	3.16	53	175081	83.21	ug/l	100
16) Acetone	2.45	43	207879	82.75	ug/l	100
17) Carbon Disulfide	2.57	76	112576	16.89	ug/l	97
18) Methyl Acetate	2.79	43	83936	15.94	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	165397	17.83	ug/l	99
20) Methylene Chloride	2.86	84	55214	19.03	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	51334	18.35	ug/l	94
22) Diisopropyl ether	3.89	45	124670	15.90	ug/l	92
23) Vinyl Acetate	3.84	43	573910	77.23	ug/l	97
24) 1,1-Dichloroethane	3.70	63	70809	14.37	ug/l	97
25) 2-Butanone	4.72	43	238799	84.57	ug/l	99
26) 2,2-Dichloropropane	4.60	77	62233	18.02	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	50030	19.14	ug/l	92
28) Bromochloromethane	5.03	49	36598	18.01	ug/l	85
29) Tetrahydrofuran	5.18	42	141588	81.49	ug/l	96
30) Chloroform	5.23	83	82595	17.88	ug/l	100
31) Cyclohexane	5.59	56	64980	17.05	ug/l	89
32) 1,1,1-Trichloroethane	5.51	97	75767	18.18	ug/l	95
36) 1,1-Dichloropropene	5.81	75	62192	18.01	ug/l	96
37) Ethyl Acetate	4.88	43	77452	16.42	ug/l	97
38) Carbon Tetrachloride	5.79	117	61775	17.05	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	73642	17.54	ug/l	99
40) Benzene	6.15	78	183612	18.31	ug/l	98
41) Methacrylonitrile	5.07	41	39765	15.99	ug/l	94
42) 1,2-Dichloroethane	6.21	62	65902	16.75	ug/l	96
43) Isopropyl Acetate	6.48	43	110540	15.74	ug/l	95
44) Trichloroethene	7.22	130	55385	19.28	ug/l	92
45) 1,2-Dichloropropane	7.52	63	44170	17.21	ug/l	98
46) Dibromomethane	7.67	93	34642	17.19	ug/l	92
47) Bromodichloromethane	7.91	83	59107	16.67	ug/l	98
48) Methyl methacrylate	7.79	41	53619	15.73	ug/l	94
49) 1,4-Dioxane	7.77	88	28459	397.20	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	415150	76.39	ug/l	98
52) Toluene	8.79	92	123297	17.59	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	71270	17.35	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	64542	16.20	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	50975	17.68	ug/l	98
56) Ethyl methacrylate	9.19	69	73770	16.89	ug/l	91
57) 1,3-Dichloropropane	9.38	76	81323	17.64	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	171287	81.70	ug/l	96
59) 2-Hexanone	9.51	43	352335	76.35	ug/l	97
60) Dibromochloromethane	9.59	129	49953	17.55	ug/l	98
61) 1,2-Dibromoethane	9.68	107	56504	18.28	ug/l	99
64) Tetrachloroethene	9.34	164	52688	19.01	ug/l	96
65) Chlorobenzene	10.15	112	148419	18.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	49535	18.35	ug/l	97
67) Ethyl Benzene	10.26	91	243923	18.10	ug/l	97
68) m/p-Xylenes	10.37	106	193666	36.53	ug/l	96
69) o-Xylene	10.71	106	94947	18.49	ug/l	95
70) Styrene	10.72	104	155692	18.33	ug/l	96
71) Bromoform	10.87	173	37904	16.96	ug/l #	97
73) Isopropylbenzene	11.02	105	252303	18.39	ug/l	99
74) N-amyl acetate	6.48	43	110540	16.27	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	84450	17.41	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	86185m	19.37	ug/l	
77) Bromobenzene	11.26	156	68866	18.85	ug/l	93
78) n-propylbenzene	11.37	91	292046	17.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	166618	17.63	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	210500	18.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	19908	14.49	ug/l	90
82) 4-Chlorotoluene	11.52	91	201365	17.85	ug/l	96
83) tert-Butylbenzene	11.78	119	213766	18.38	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	218352	18.06	ug/l	97
85) sec-Butylbenzene	11.95	105	259834	18.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	238209	18.63	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	133217	19.28	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	134317	18.52	ug/l	98
89) n-Butylbenzene	12.40	91	211697	17.79	ug/l	98
90) Hexachloroethane	12.60	117	33127	16.46	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	128497	18.97	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21086	15.58	ug/l #	38

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ClientSampleId :
VX0330MBS01

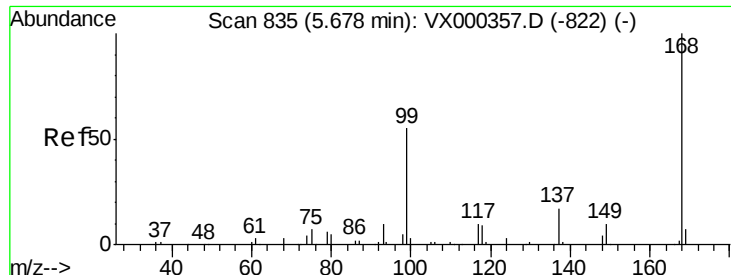
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98326	20.25	ug/l	99
94) Hexachlorobutadiene	13.79	225	36517	18.16	ug/l	98
95) Naphthalene	13.84	128	464557	27.46	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	98210	20.47	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion:168 Resp: 231356

Ion Ratio Lower Upper

168 100

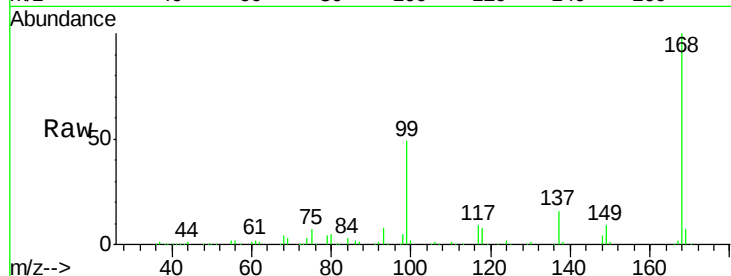
99 49.3 45.8 68.6

Manual Integrations

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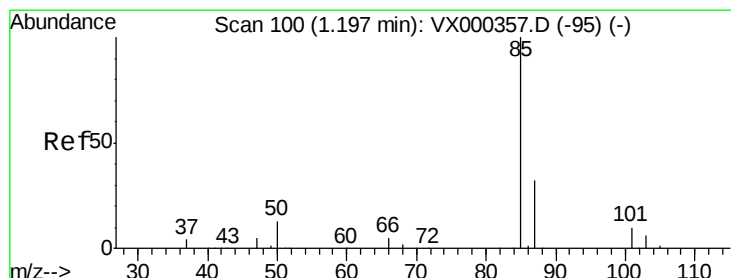
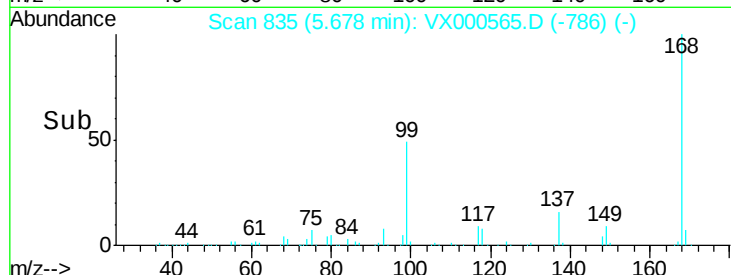
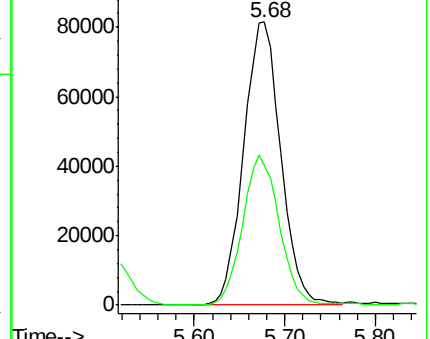
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000565.D

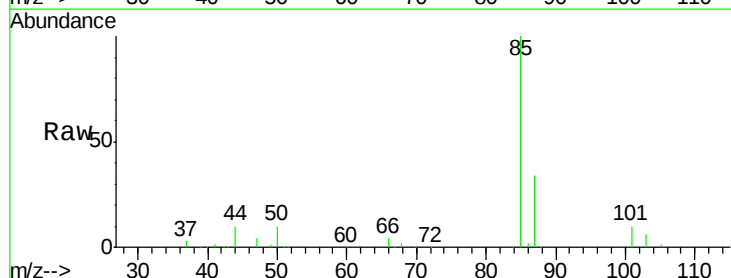
Acq: 30 Mar 2018 17:31

Tgt Ion: 85 Resp: 40646

Ion Ratio Lower Upper

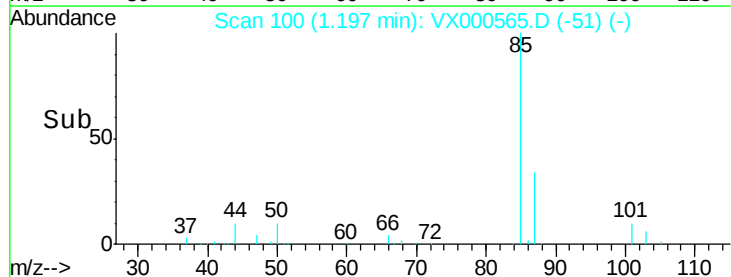
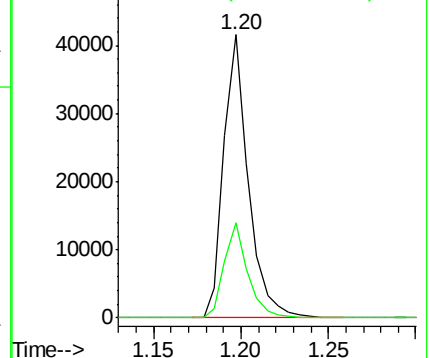
85 100

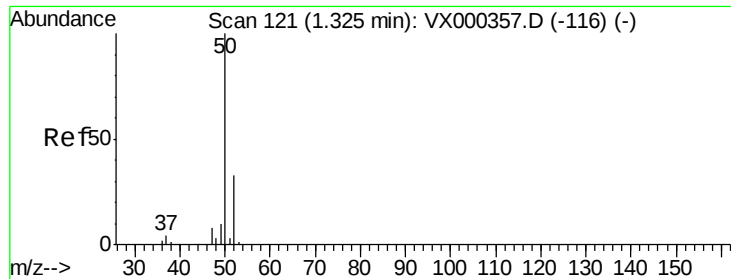
87 33.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion: 50 Resp: 42631

Ion Ratio Lower Upper

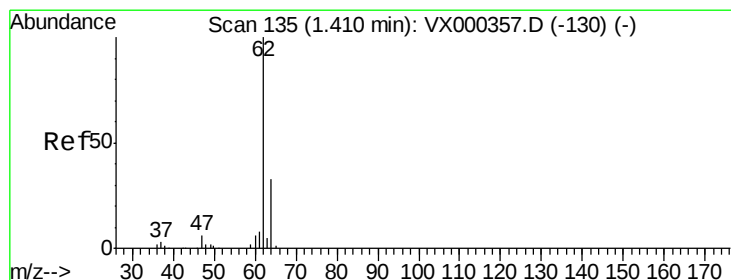
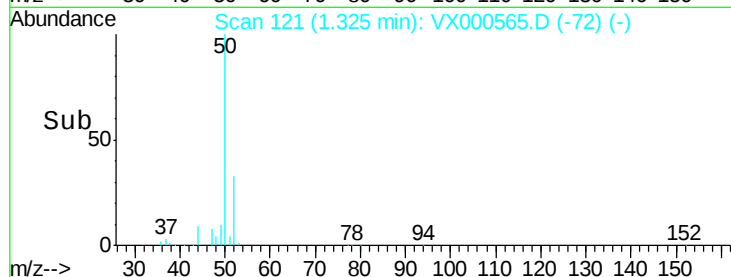
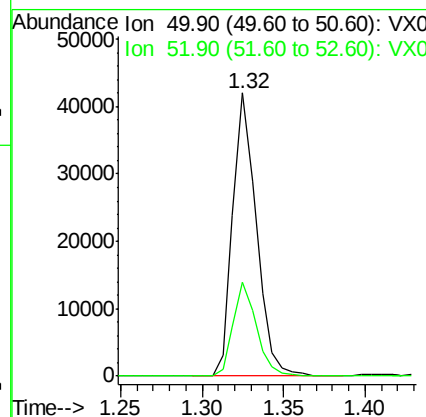
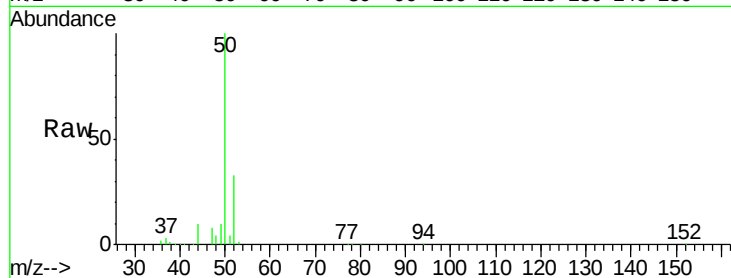
50 100

52 33.2 27.5 41.3

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#4

Vinyl Chloride

Concen: 17.52 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000565.D

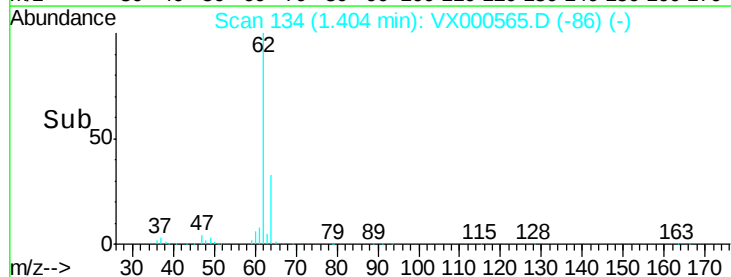
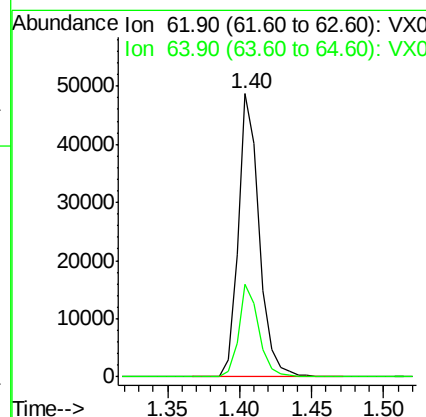
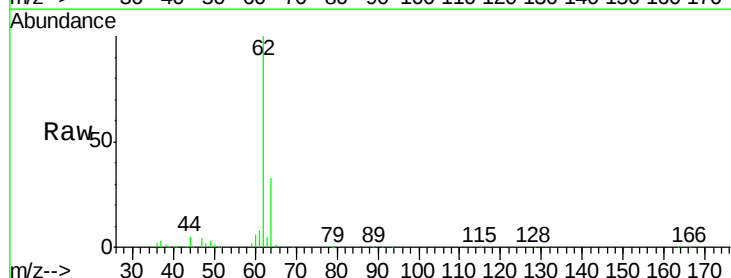
Acq: 30 Mar 2018 17:31

Tgt Ion: 62 Resp: 49738

Ion Ratio Lower Upper

62 100

64 33.0 24.8 37.2





#5

Bromomethane

Concen: 14.71 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion: 94 Resp: 49869

Ion Ratio Lower Upper

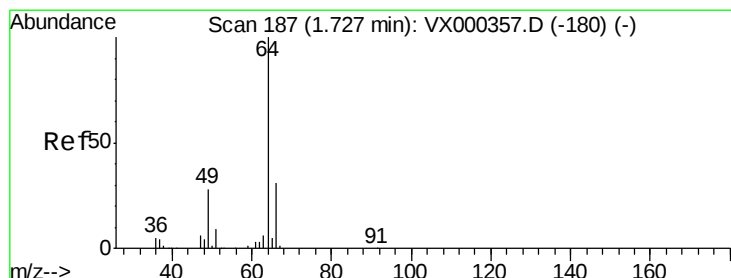
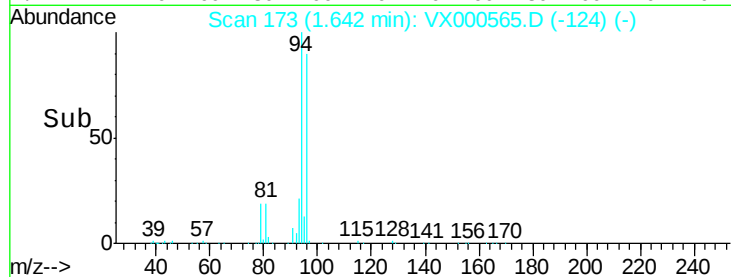
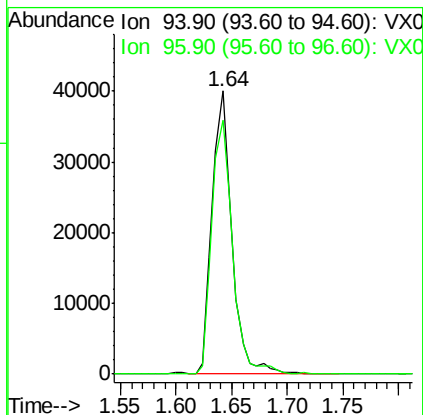
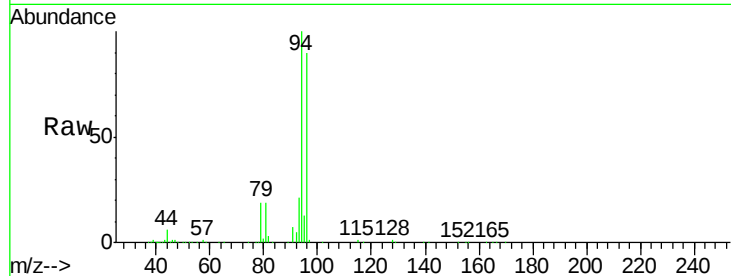
94 100

96 89.7 77.7 116.5

Manual Integrations
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#6

Chloroethane

Concen: 20.00 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000565.D

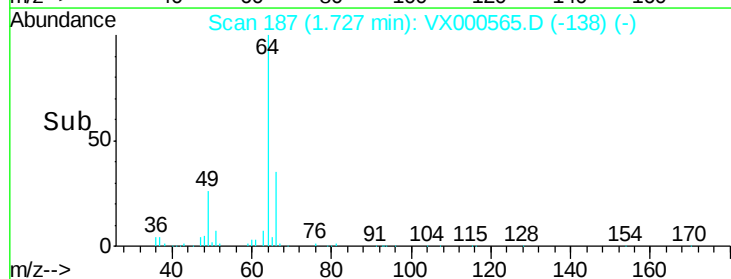
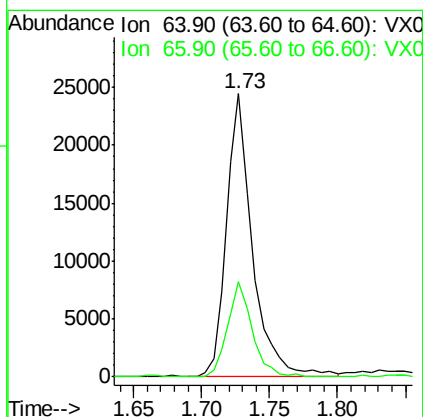
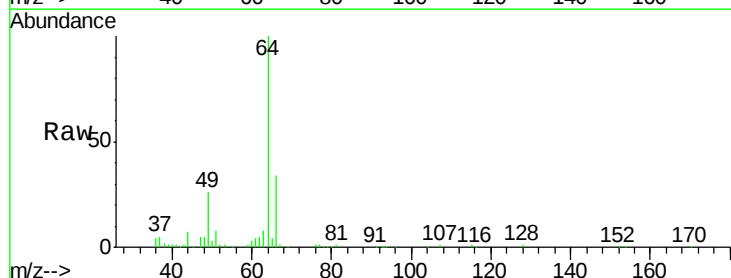
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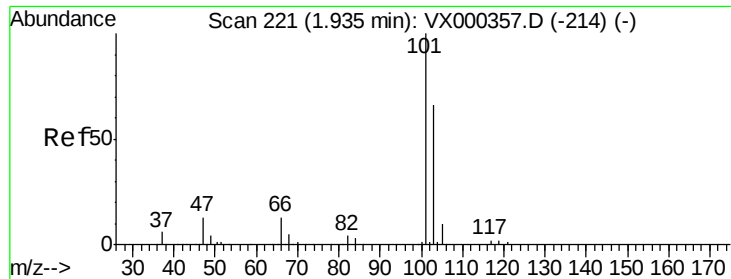
Tgt Ion: 64 Resp: 32544

Ion Ratio Lower Upper

64 100

66 33.7 24.8 37.2





#7

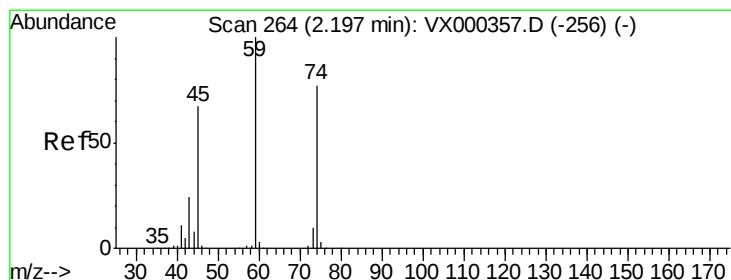
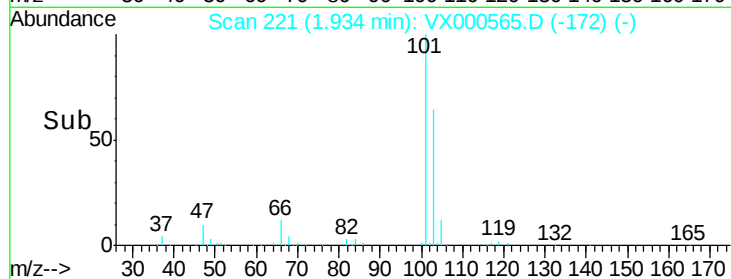
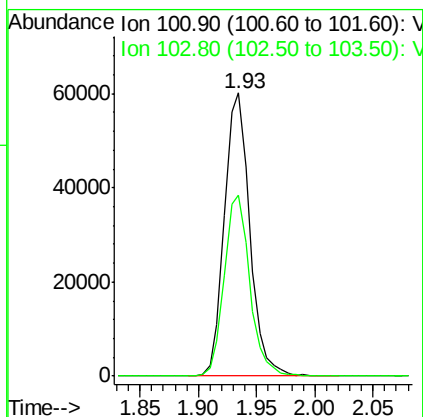
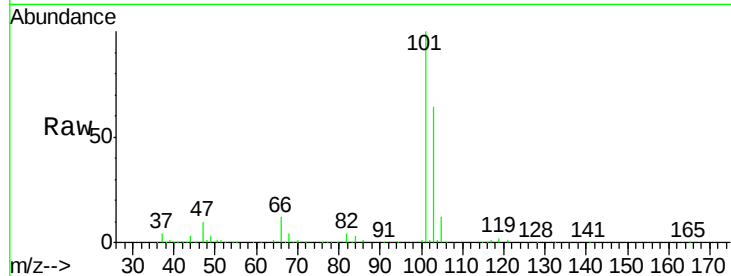
Trichlorofluoromethane
Concen: 17.77 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

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ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.6	77.4

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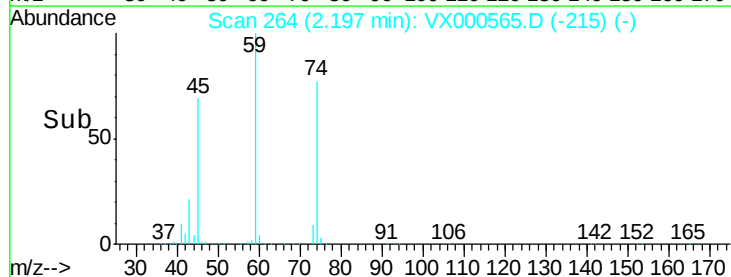
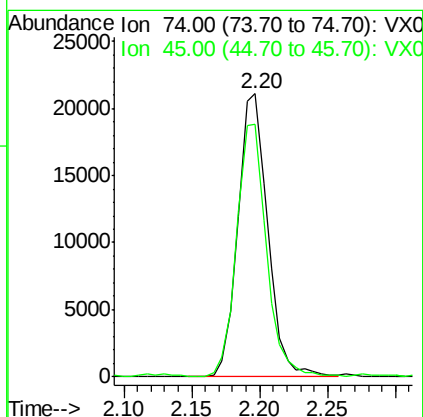
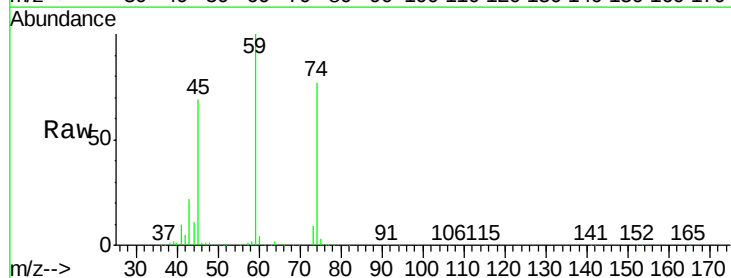
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#8

Diethyl Ether
Concen: 17.62 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

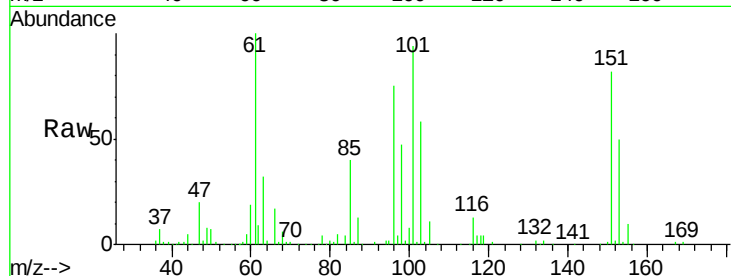
ClientSampleId :

VX0330MBS01

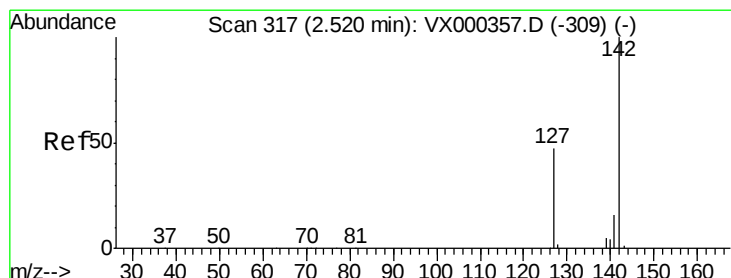
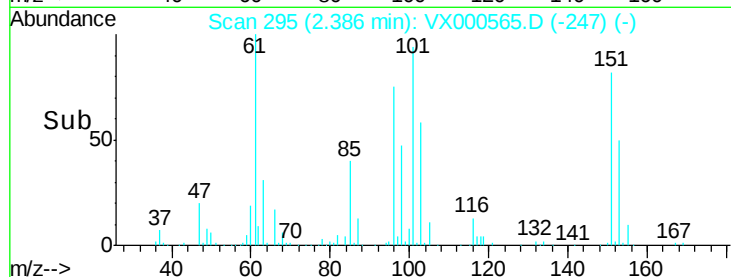
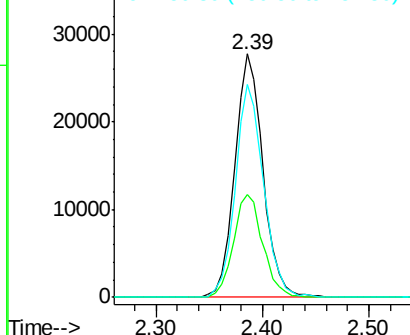
Tot Ion:	101	Resp:	51367
Ion Ratio	Lower	Upper	
101	100		
85	44.1	37.6	56.4
151	88.1	62.6	93.8

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.49 ug/l

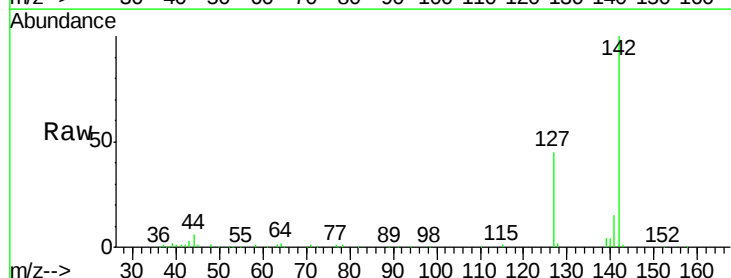
RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

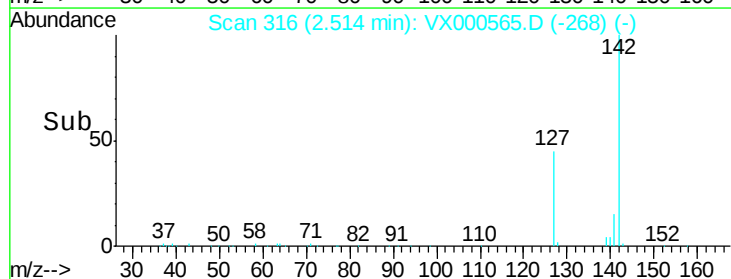
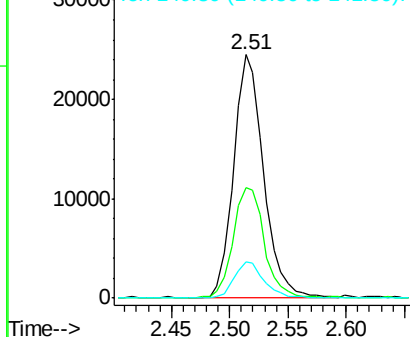
Lab File: VX000565.D

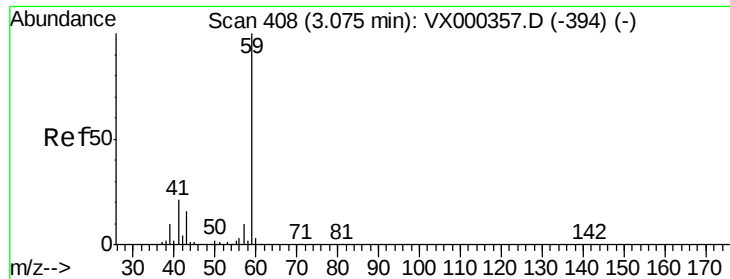
Acq: 30 Mar 2018 17:31

Tgt Ion:	142	Resp:	44000
Ion Ratio	Lower	Upper	
142	100		
127	47.4	39.2	58.8
141	14.9	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





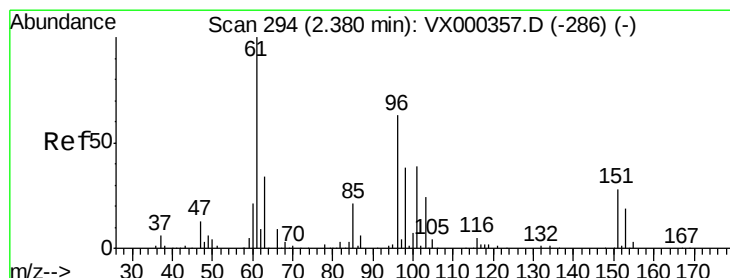
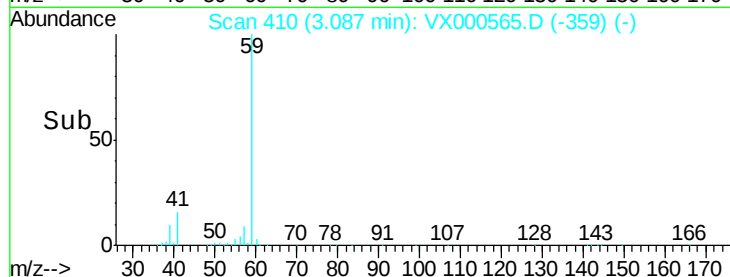
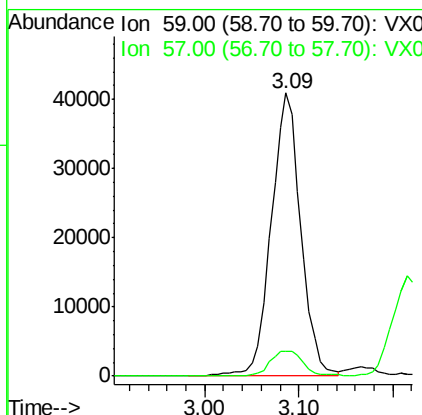
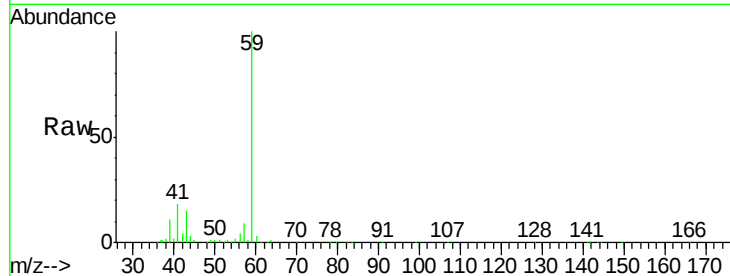
#11
Tert butyl alcohol
Concen: 86.63 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampled :
VX0330MBS01

Tot Ion: 59 Resp: 89992
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

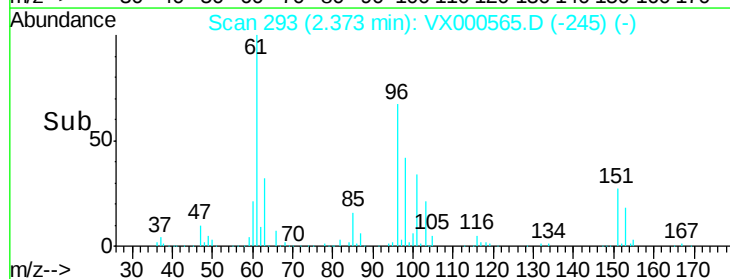
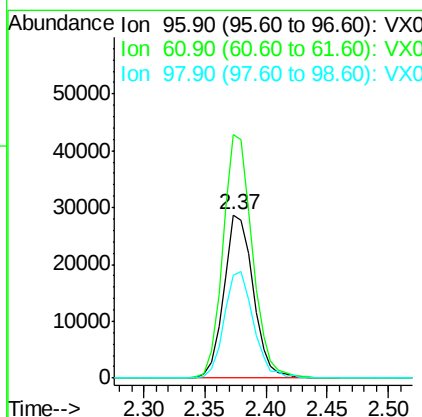
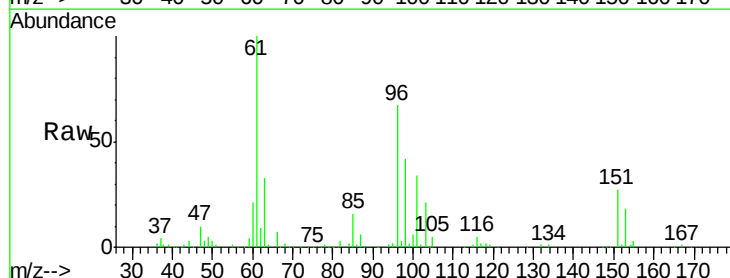
Manual Integrations
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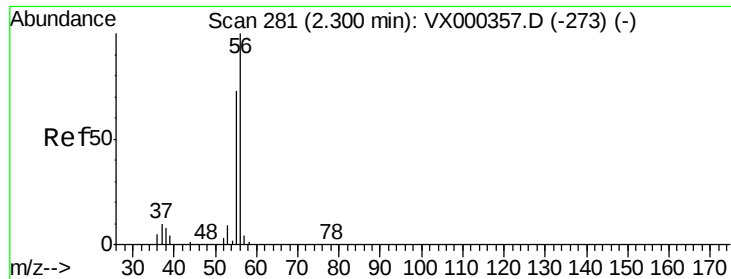
sam
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#12
1,1-Dichloroethene
Concen: 18.99 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 96 Resp: 47622
Ion Ratio Lower Upper
96 100
61 148.6 131.2 196.8
98 62.6 49.8 74.8





#13

Acrolein

Concen: 180.28 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion: 56 Resp: 58362

Ion Ratio Lower Upper

56 100

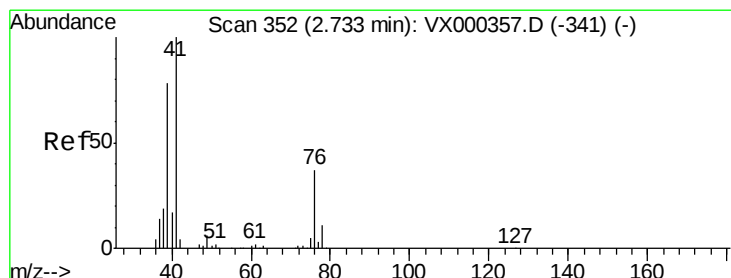
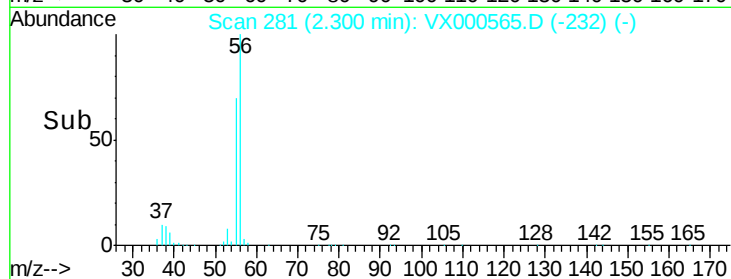
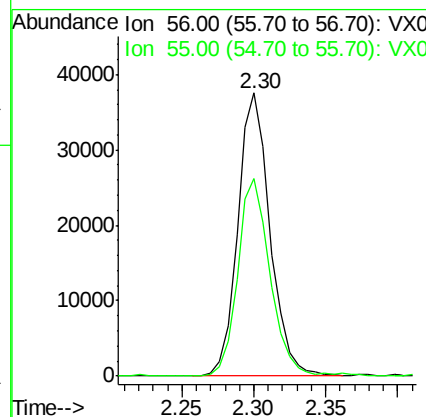
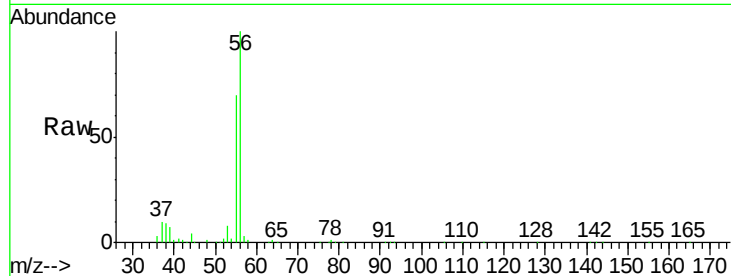
55 70.8 58.8 88.2

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#14

Allyl chloride

Concen: 16.86 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

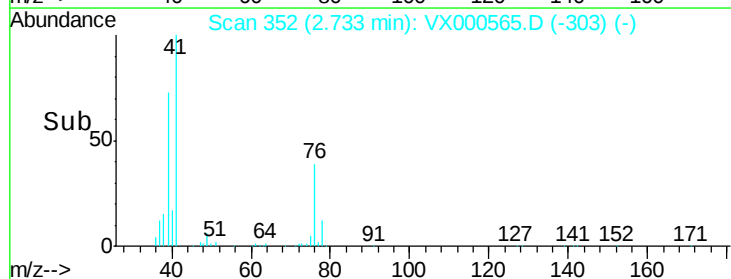
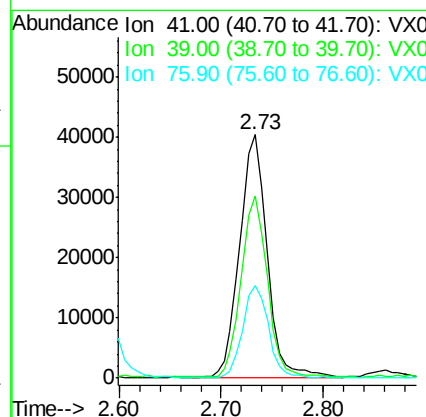
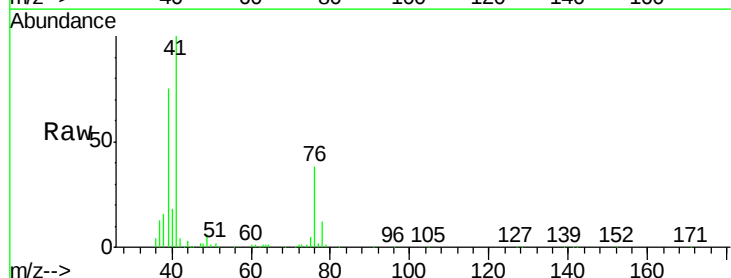
Tgt Ion: 41 Resp: 74989

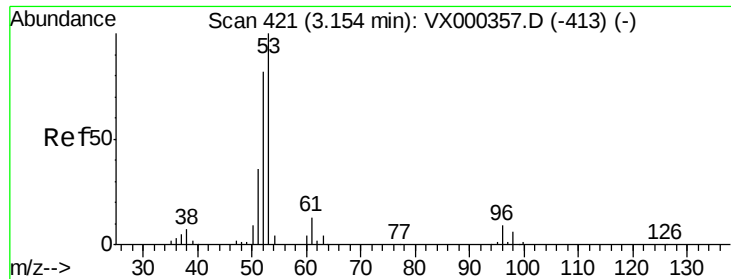
Ion Ratio Lower Upper

41 100

39 71.3 57.6 86.4

76 35.9 27.3 40.9





#15

Acrylonitrile

Concen: 83.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

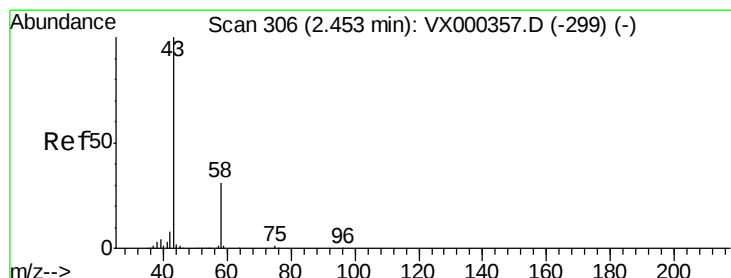
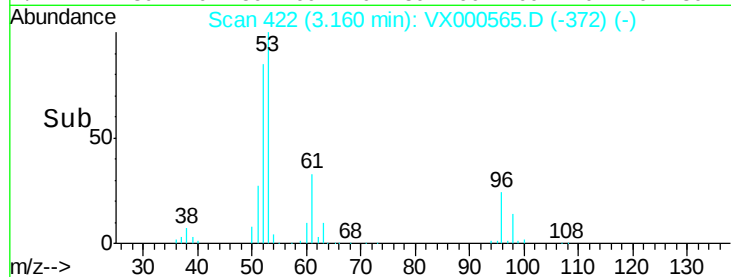
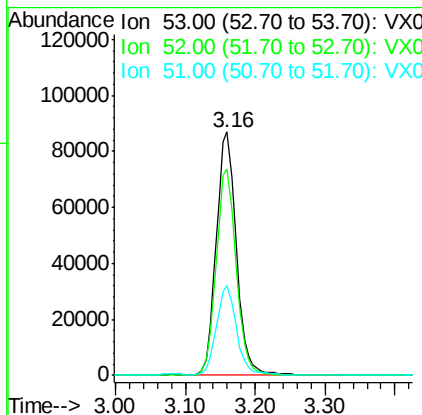
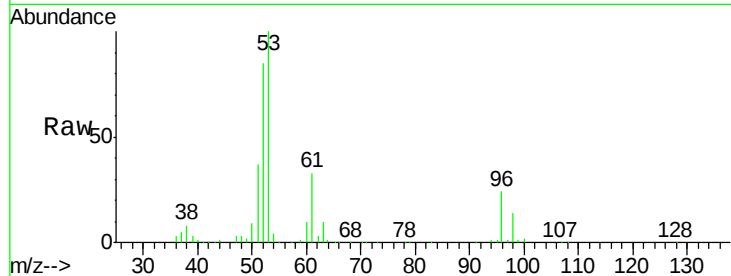
ClientSampleId :

VX0330MBS01

Tot Ion:	53	Resp:	175081
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.6	99.8
51	36.6	29.3	43.9

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#16

Acetone

Concen: 82.75 ug/l

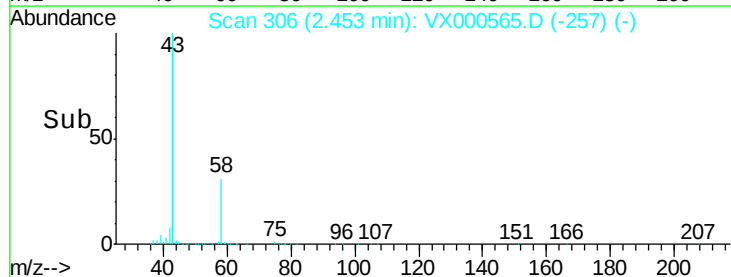
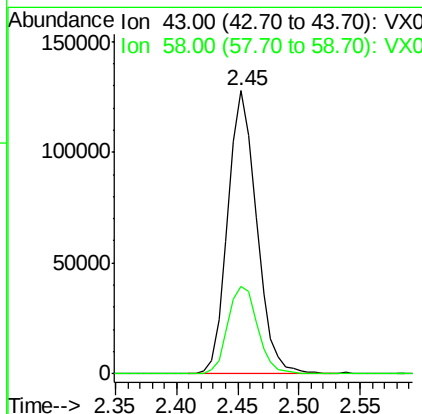
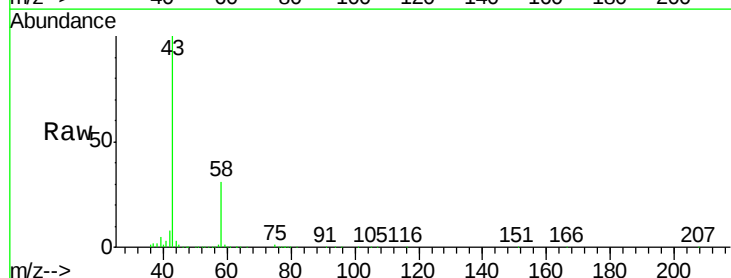
RT: 2.45 min Scan# 306

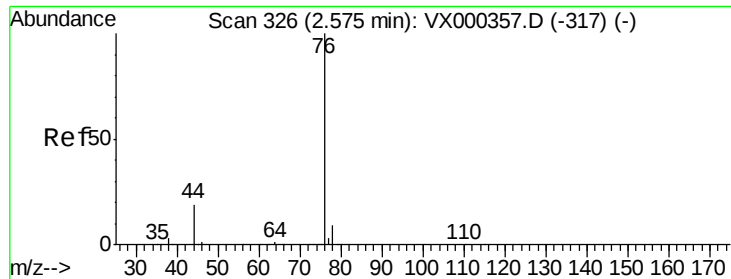
Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion:	43	Resp:	207879
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.7	37.1





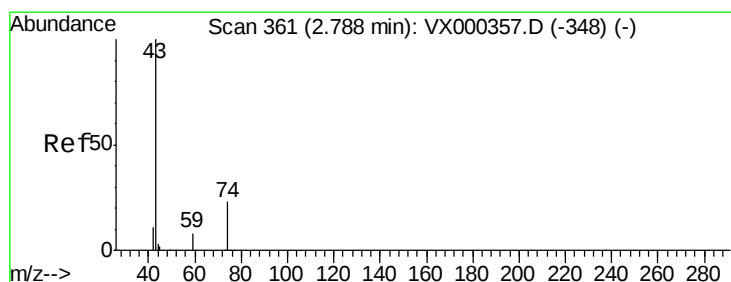
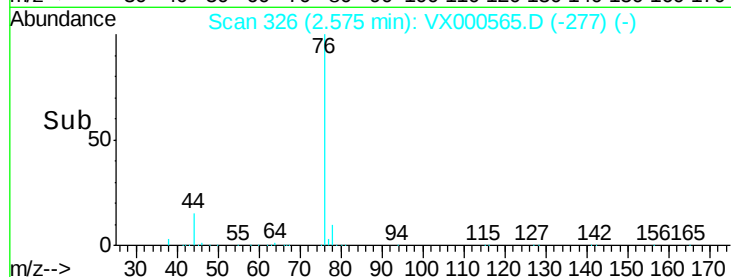
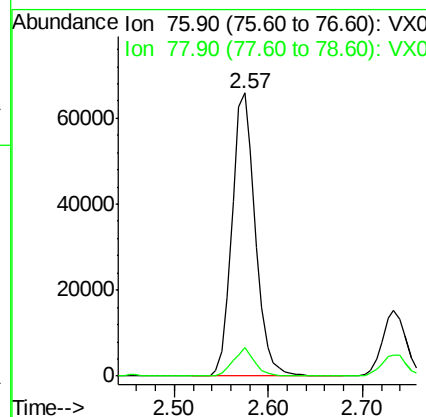
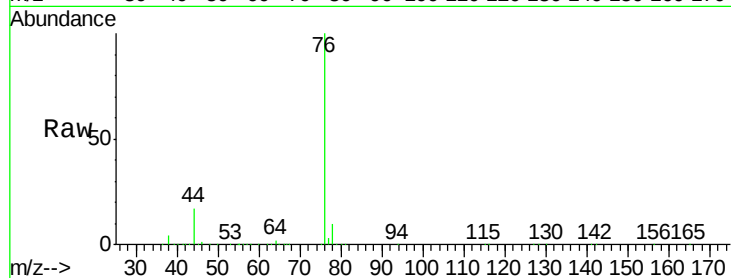
#17
Carbon Disulfide
Concen: 16.89 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.0	10.6

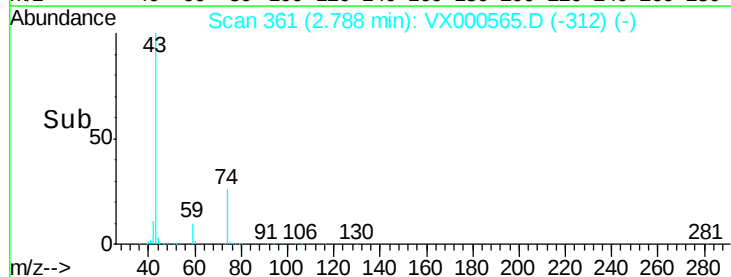
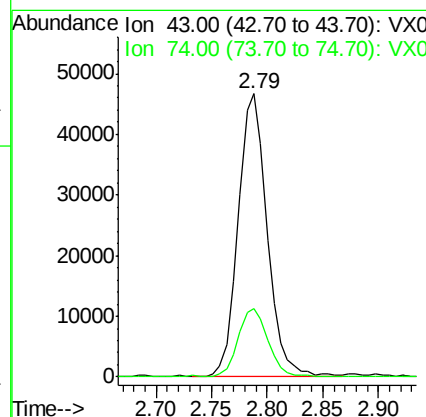
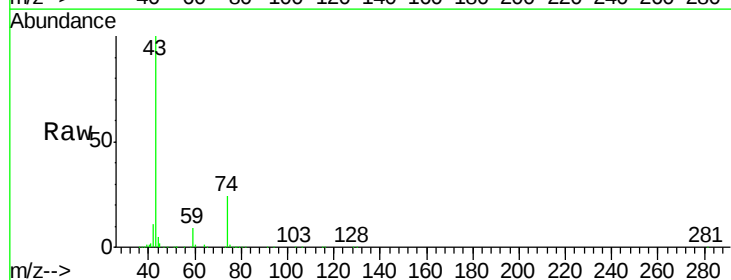
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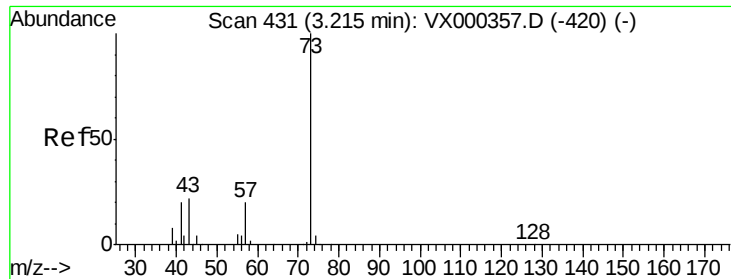
sam
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#18
Methyl Acetate
Concen: 15.94 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.4	29.2





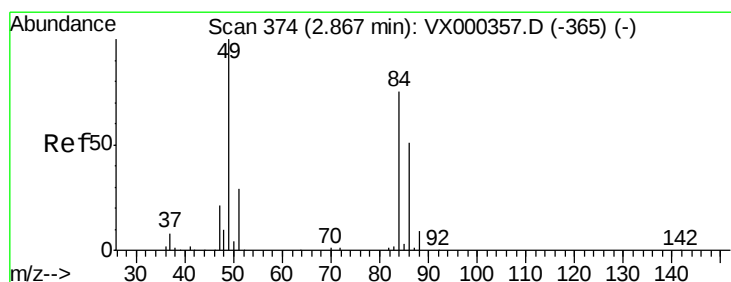
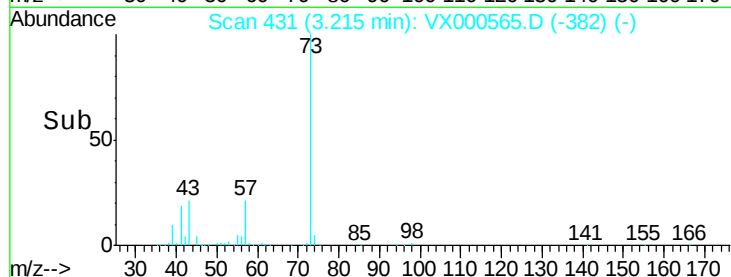
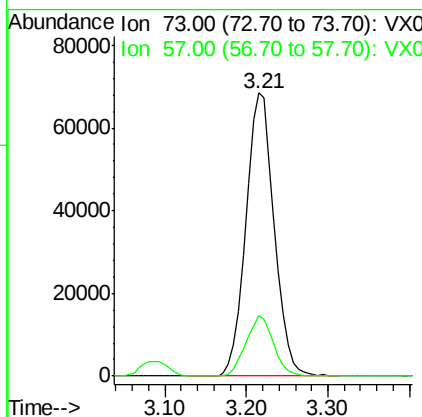
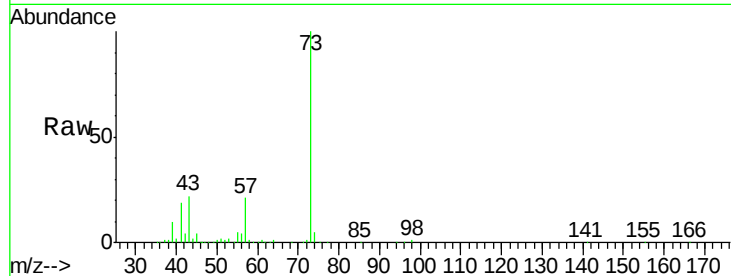
#19
Methyl tert-butyl Ether
Concen: 17.83 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.2	25.8

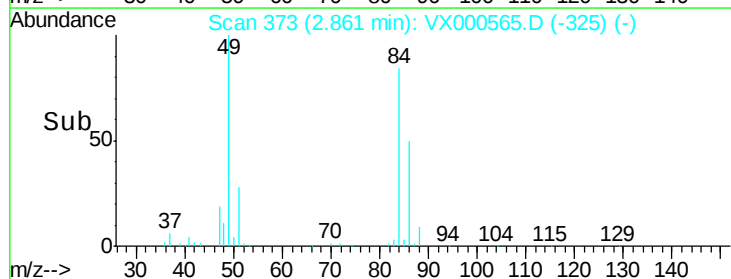
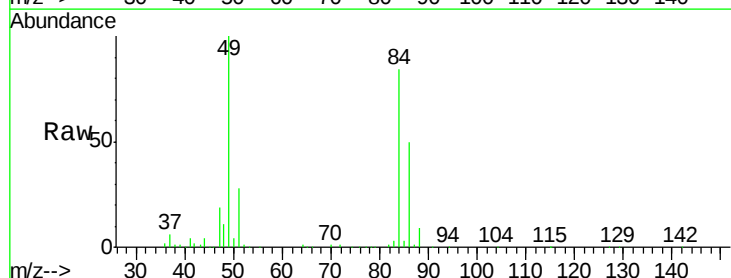
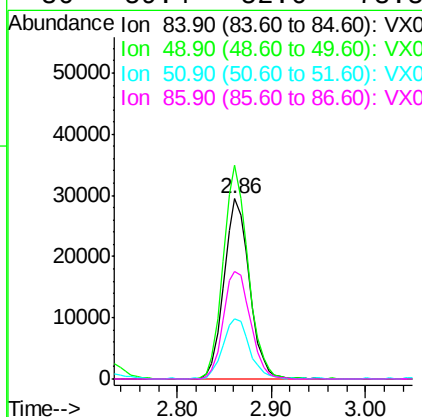
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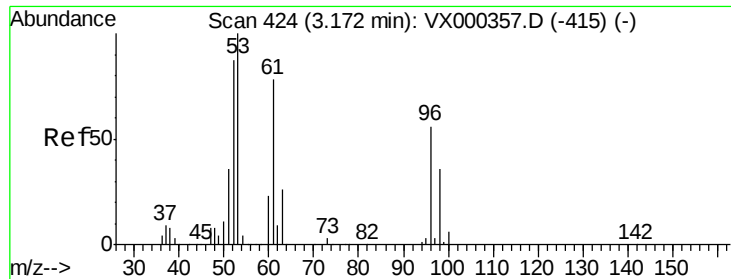
Sam
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#20
Methylene Chloride
Concen: 19.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	100.6	151.0
51	33.4	31.6	47.4
86	59.4	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 18.35 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

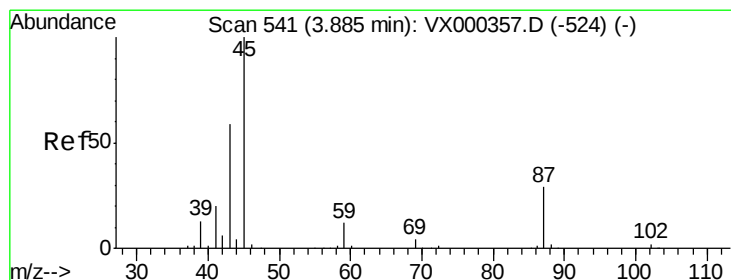
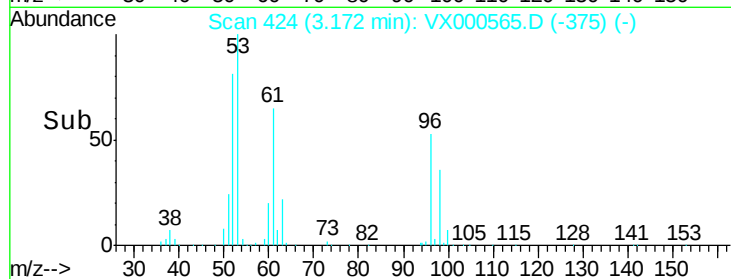
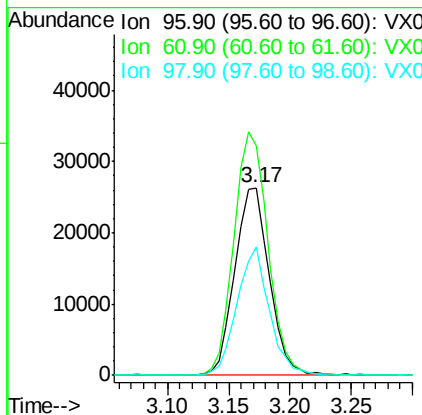
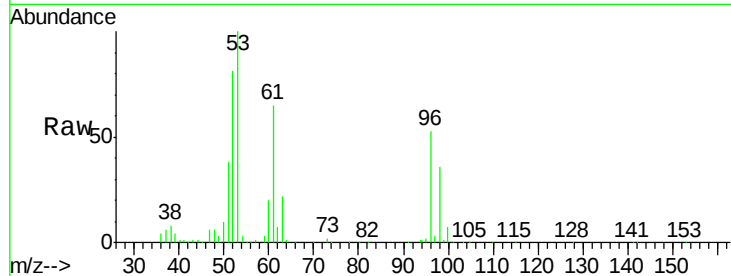
ClientSampled :

VX0330MBS01

Tot Ion:	96	Resp:	51334
Ion	Ratio	Lower	Upper
96	100		
61	122.3	104.0	156.0
98	68.2	52.1	78.1

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#22

Diisopropyl ether

Concen: 15.90 ug/l

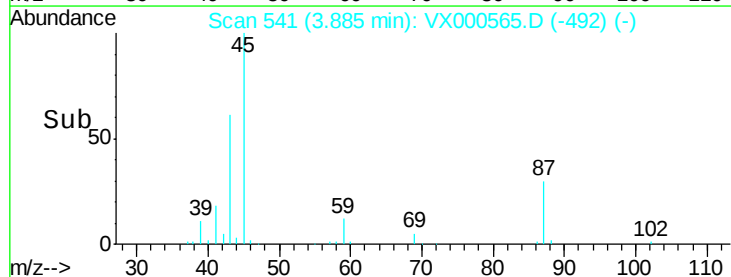
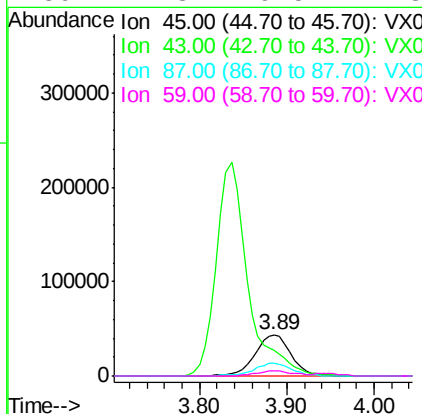
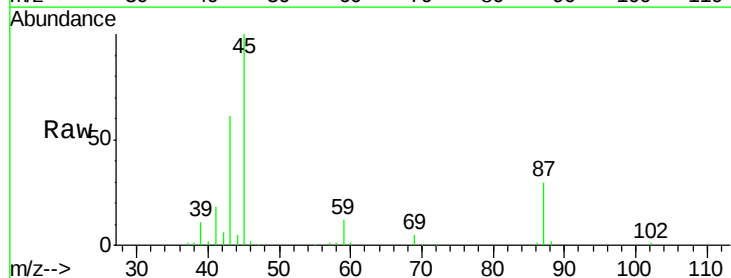
RT: 3.89 min Scan# 541

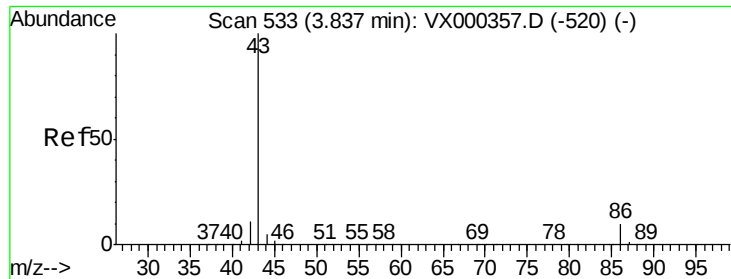
Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion:	45	Resp:	124670
Ion	Ratio	Lower	Upper
45	100		
43	58.7	53.9	80.9
87	29.7	22.6	34.0
59	12.3	9.5	14.3





#23

Vinyl Acetate

Concen: 77.23 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampled :

VX0330MBS01

Tot Ion: 43 Resp: 573910

Ion Ratio Lower Upper

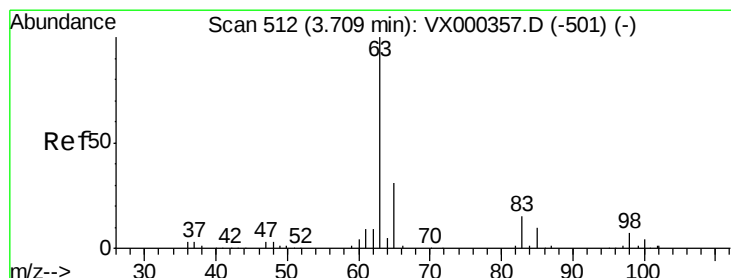
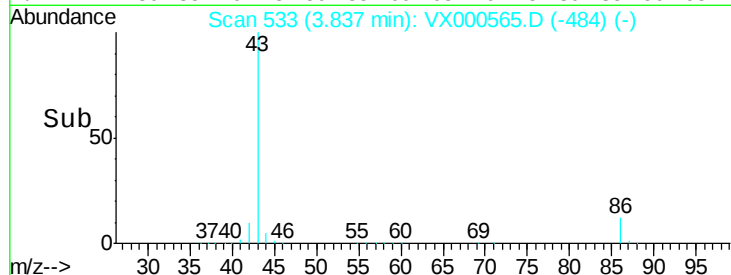
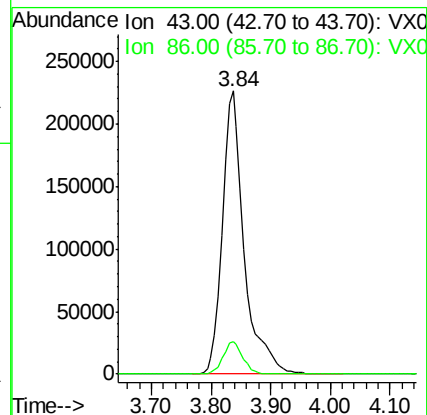
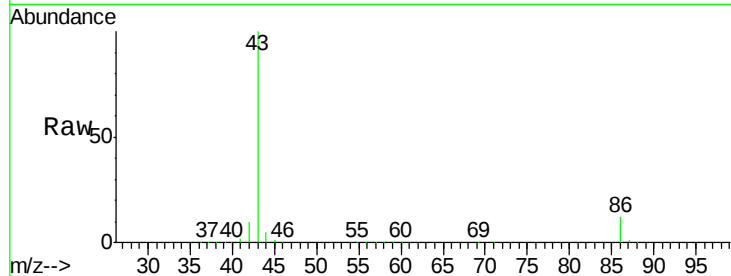
43 100

86 11.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 14.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

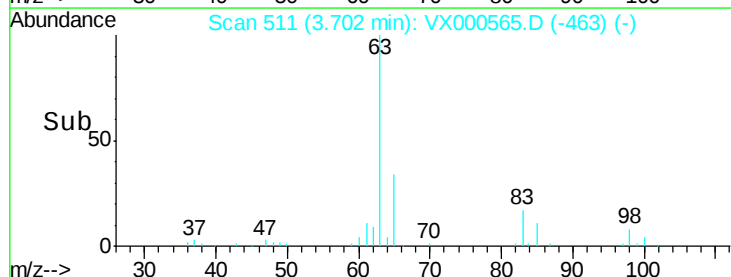
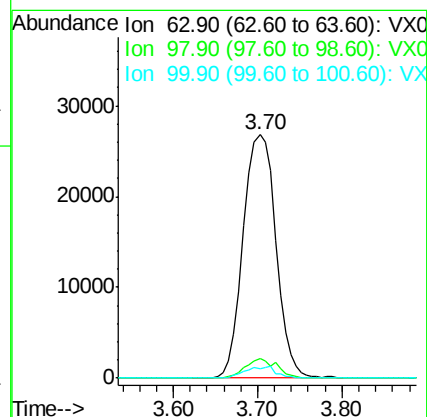
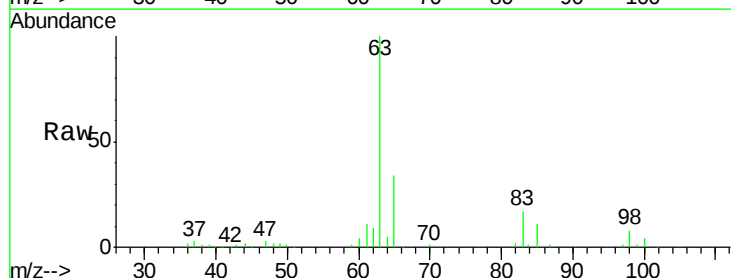
Tgt Ion: 63 Resp: 70809

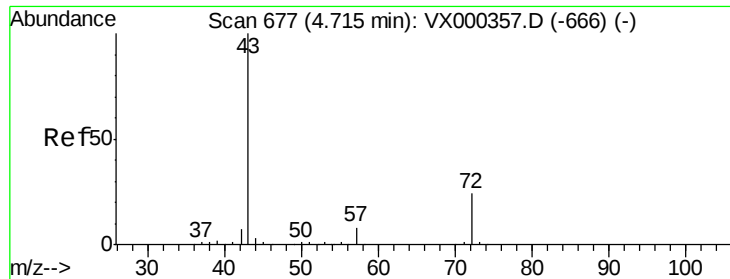
Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 84.57 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion: 43 Resp: 238799

Ion Ratio Lower Upper

43 100

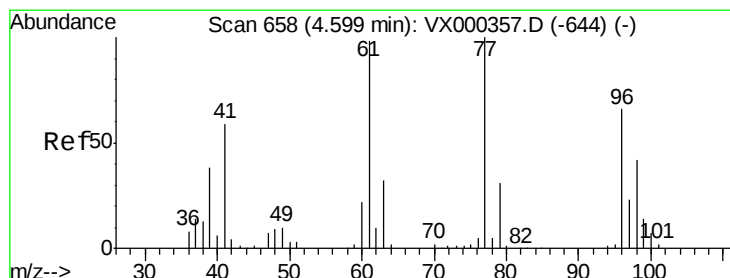
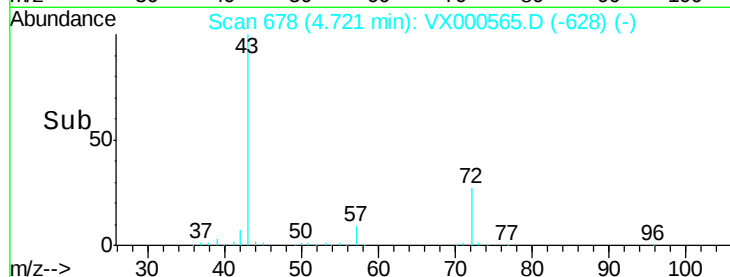
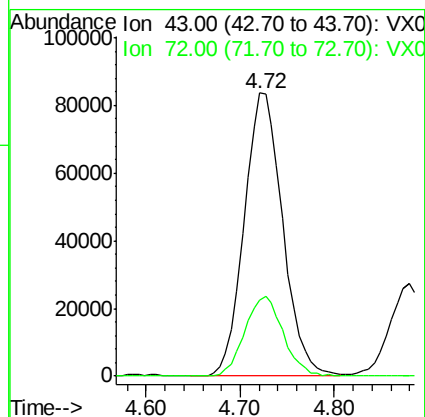
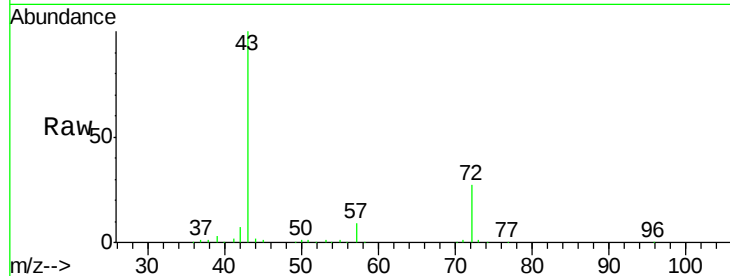
72 26.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.02 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000565.D

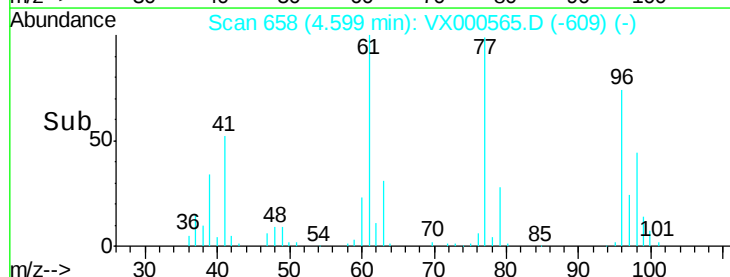
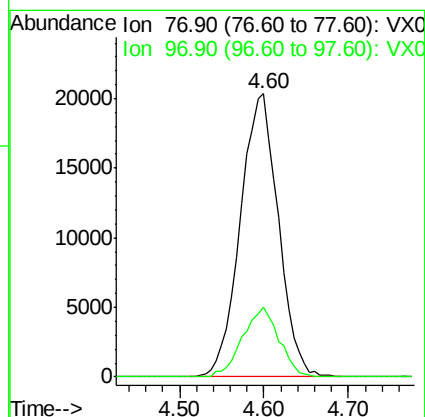
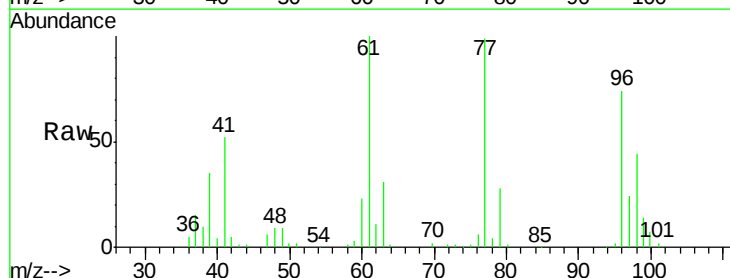
Acq: 30 Mar 2018 17:31

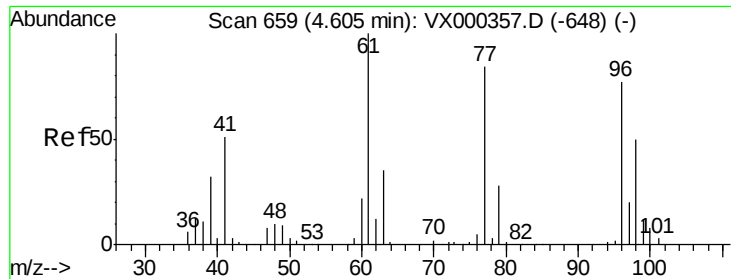
Tgt Ion: 77 Resp: 62233

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

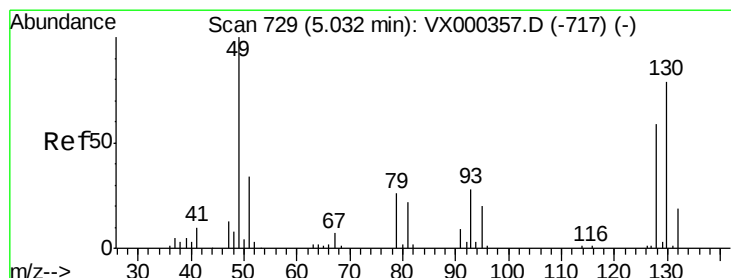
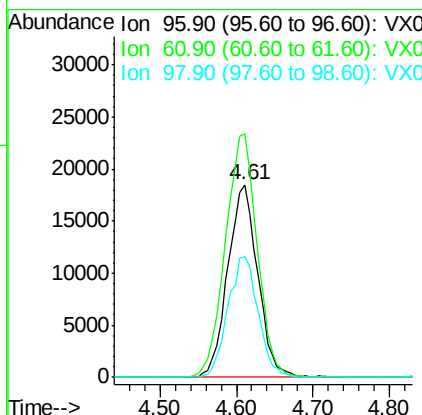
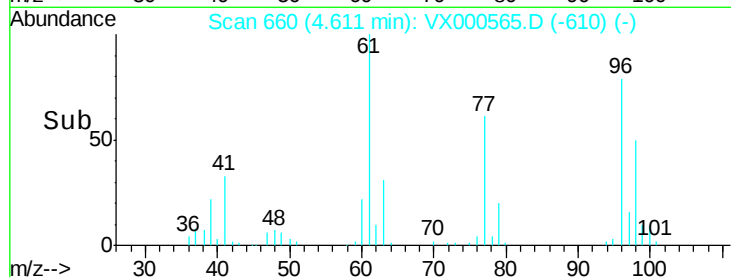
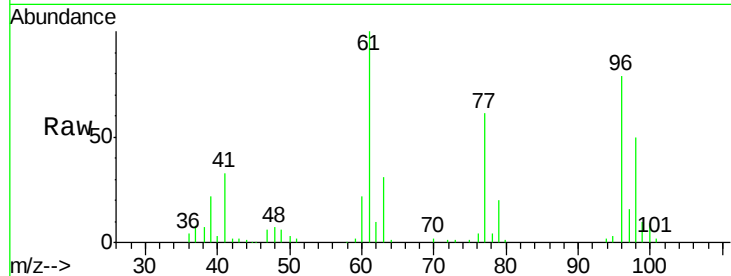
cis-1,2-Dichloroethene
 Concen: 19.14 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	291.6
98	63.4	0.0	132.0

Manual Integrations
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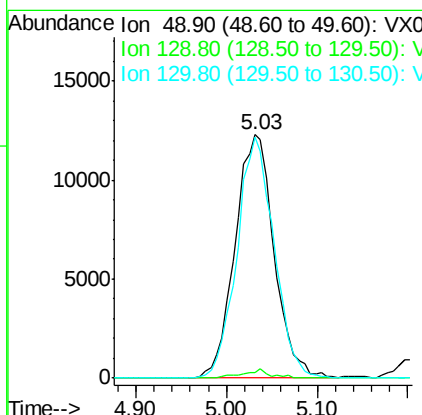
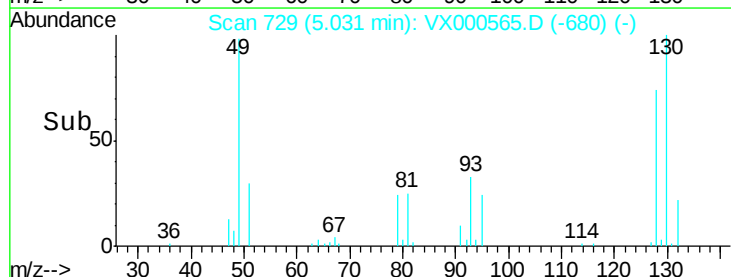
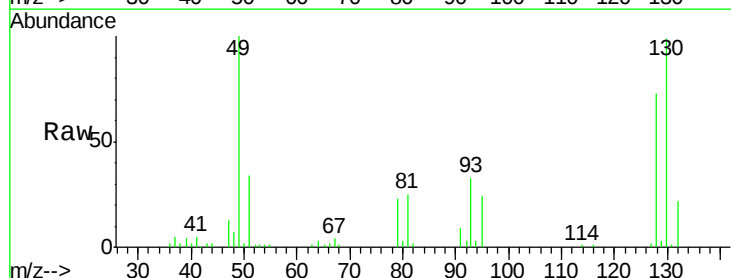
sam
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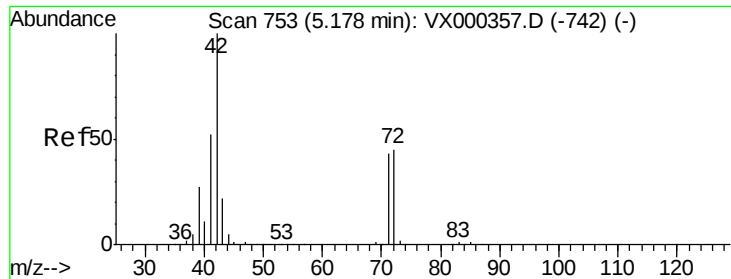


#28

Bromochloromethane
 Concen: 18.01 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	93.9	64.0	96.0





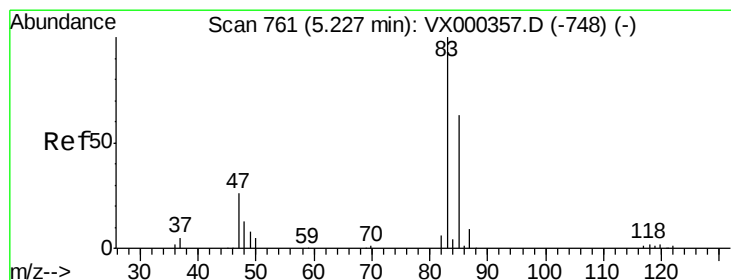
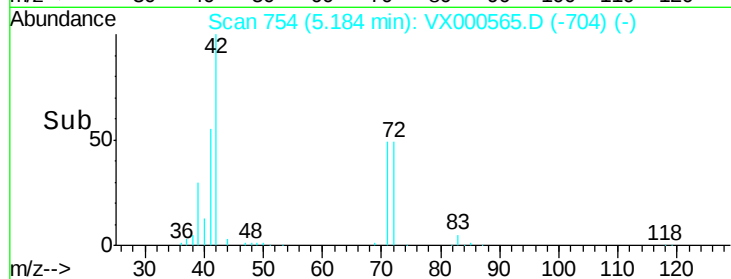
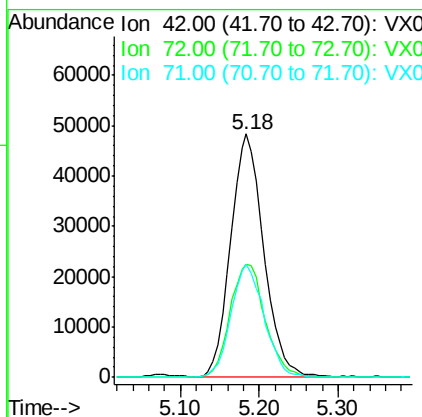
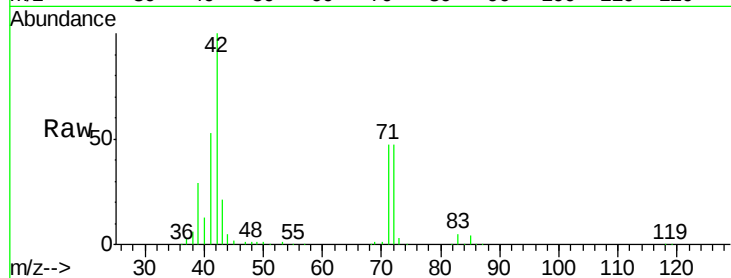
#29
Tetrahydrofuran
Concen: 81.49 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	37.9	56.9
71	46.5	34.4	51.6

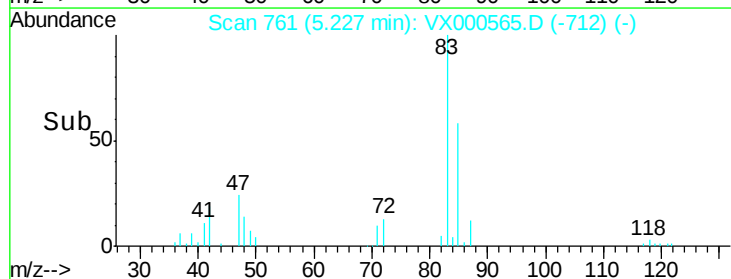
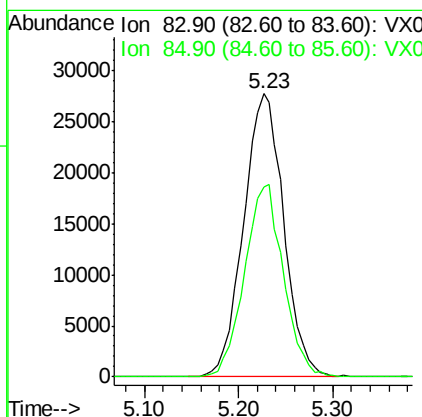
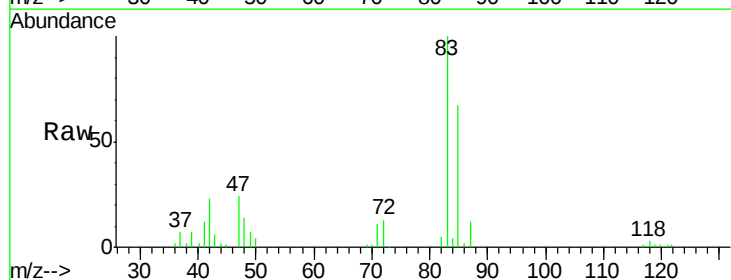
Manual Integrations
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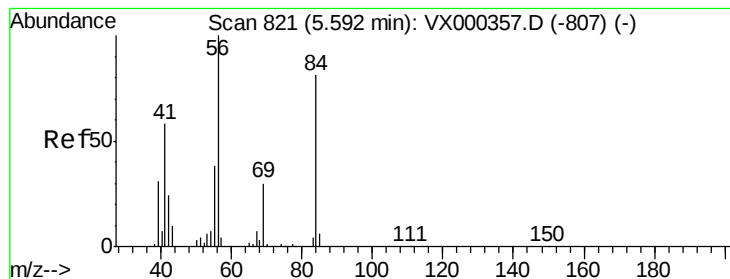
sam
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#30
Chloroform
Concen: 17.88 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	53.3	79.9





#31

Cyclohexane

Concen: 17.05 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

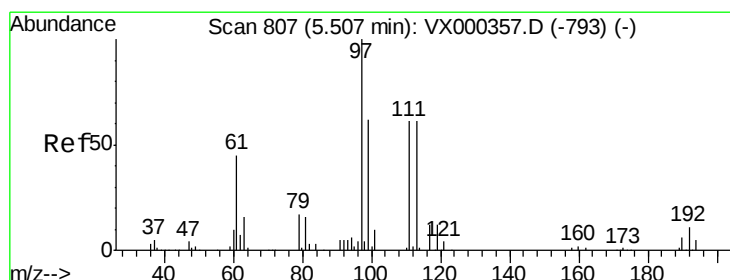
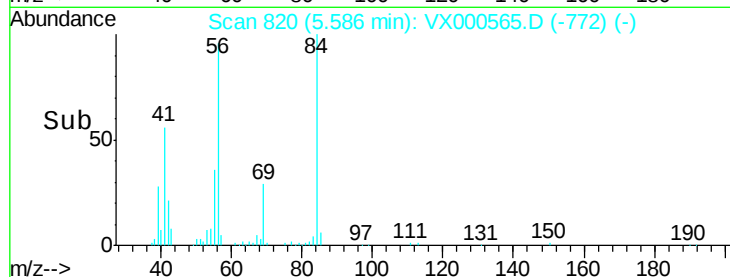
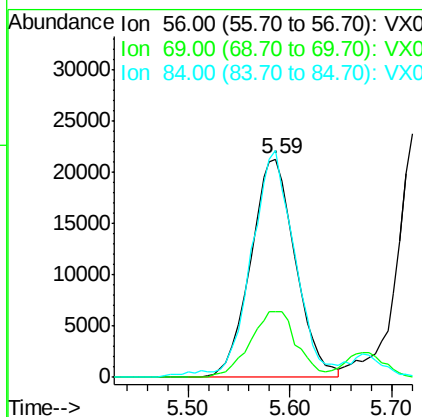
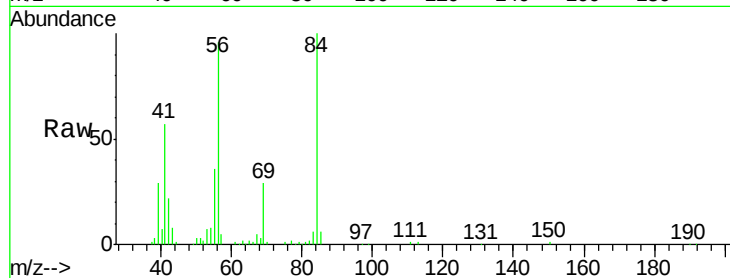
ClientSampleId :

VX0330MBS01

Tot Ion:	56	Resp:	64980
Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.4	35.0
84	101.2	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.18 ug/l

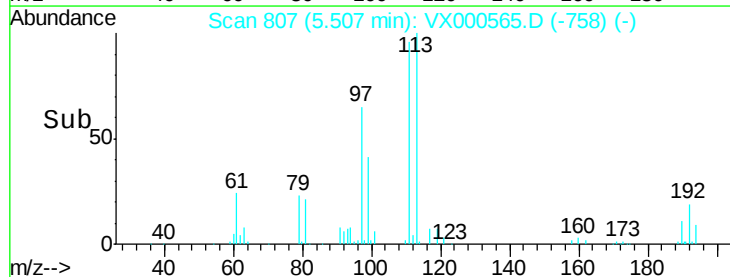
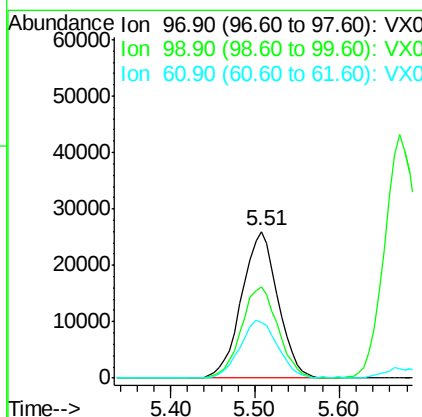
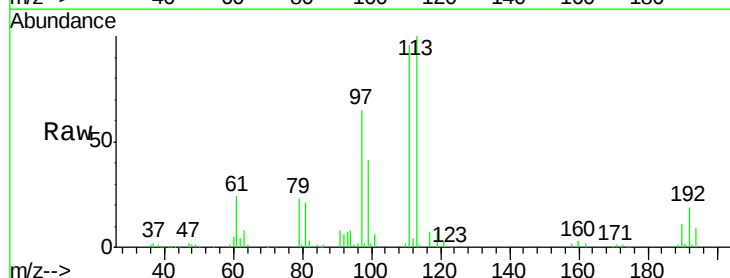
RT: 5.51 min Scan# 807

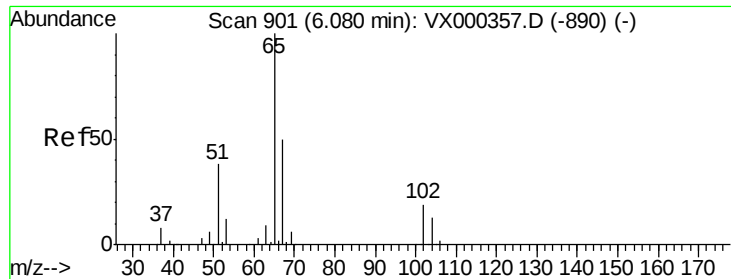
Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion:	97	Resp:	75767
Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.1	78.1
61	40.6	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 44.31 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tot Ion: 65 Resp: 133821

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.2

Instrument :

MSVOA_X

ClientSampleId :

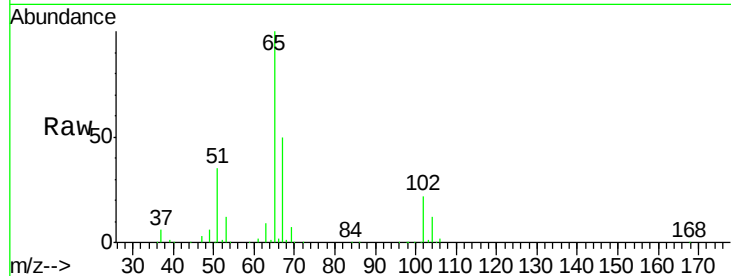
VX0330MBS01

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

60000

50000

40000

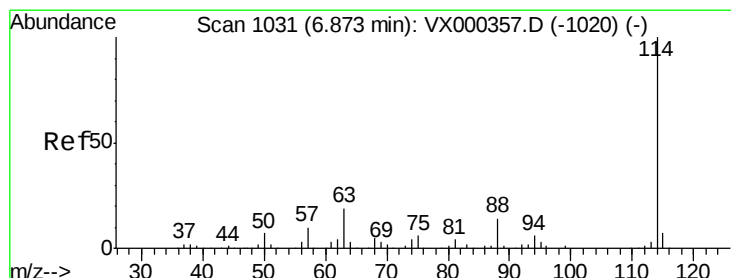
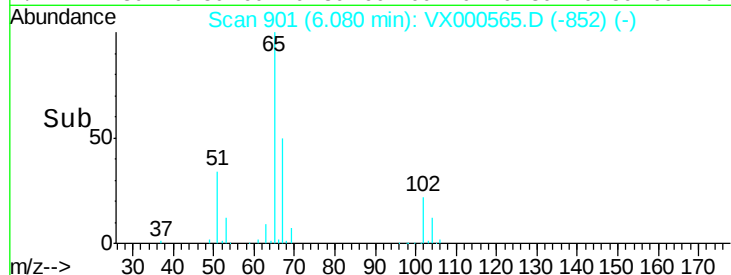
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

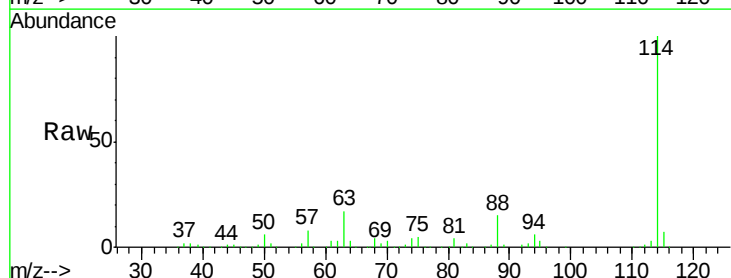
Tgt Ion: 114 Resp: 368636

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

88 14.8 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

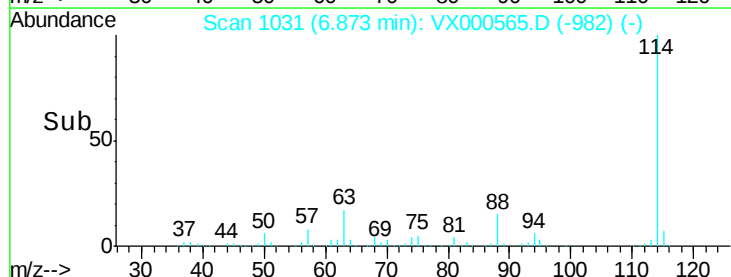
150000

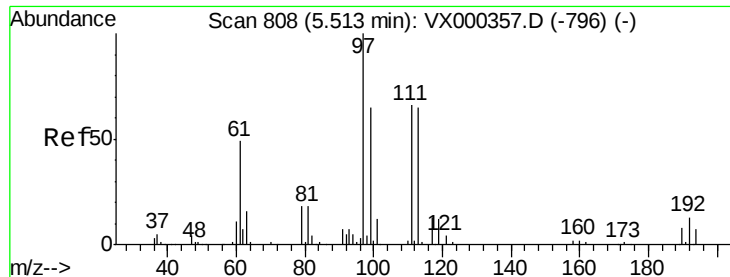
100000

50000

0

Time-->





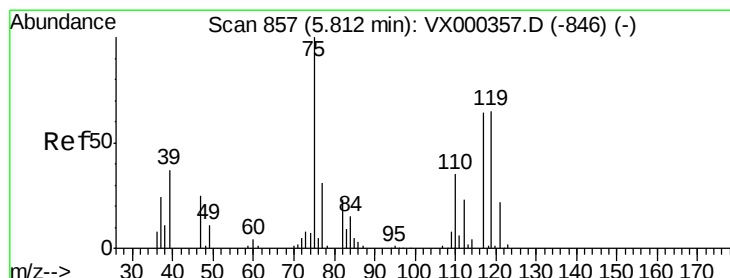
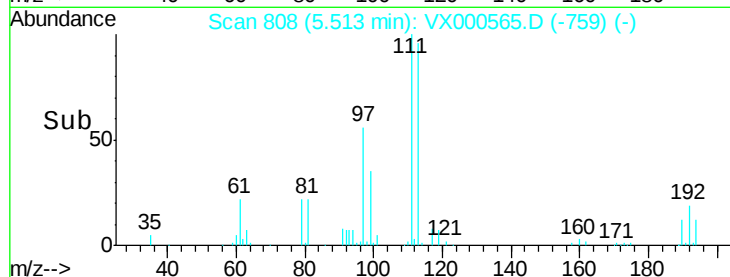
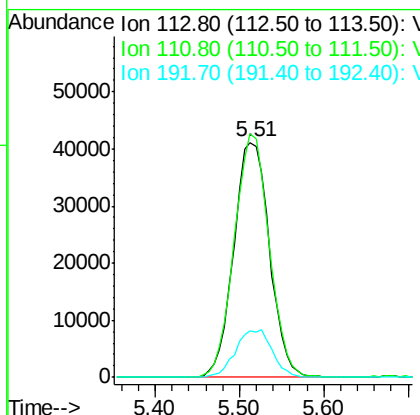
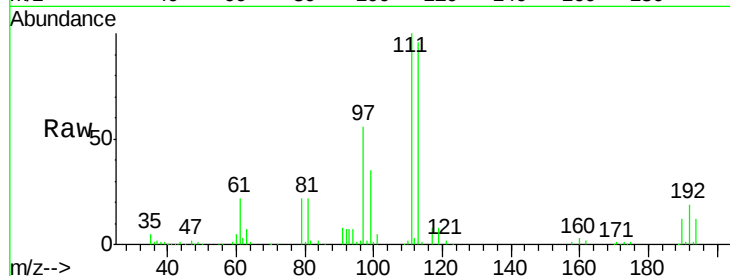
#35
Dibromofluoromethane
Concen: 50.83 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampled :
VX0330MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.4	82.4	123.6	
192	20.7	15.8	23.6	

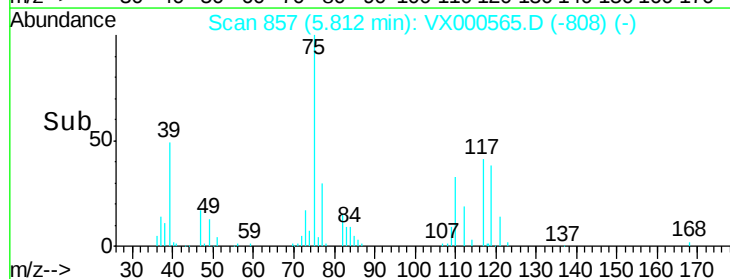
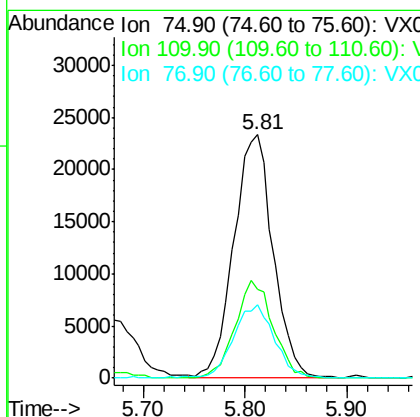
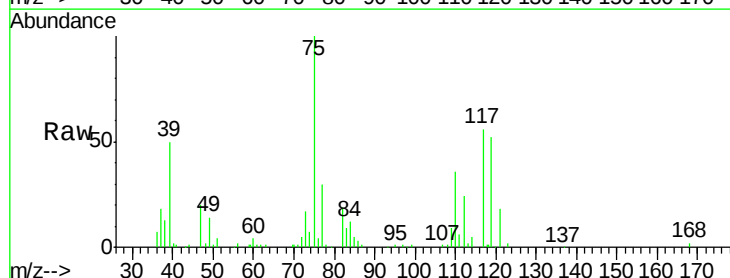
Manual Integrations
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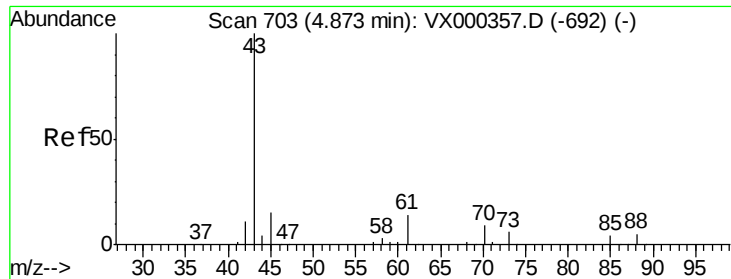
sam
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#36
1,1-Dichloropropene
Concen: 18.01 ug/l
RT: 5.81 min Scan# 857
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.7	17.9	53.7	
77	31.7	24.0	36.0	





#37

Ethyl Acetate

Concen: 16.42 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

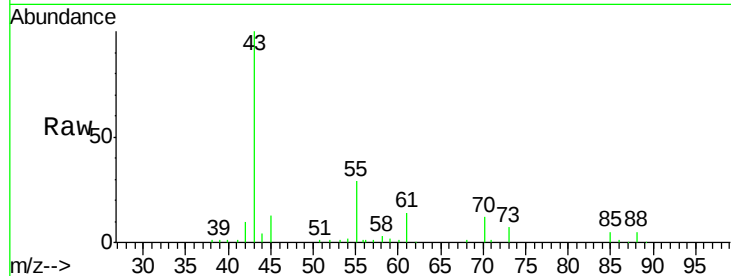
ClientSampleId :

VX0330MBS01

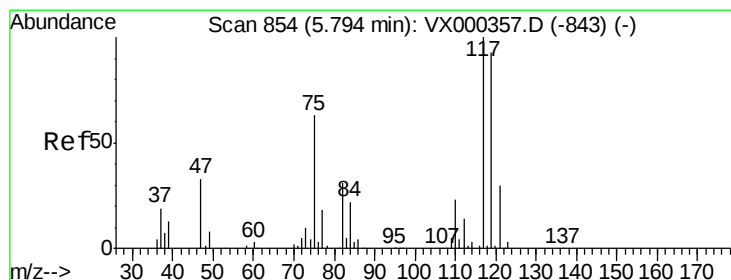
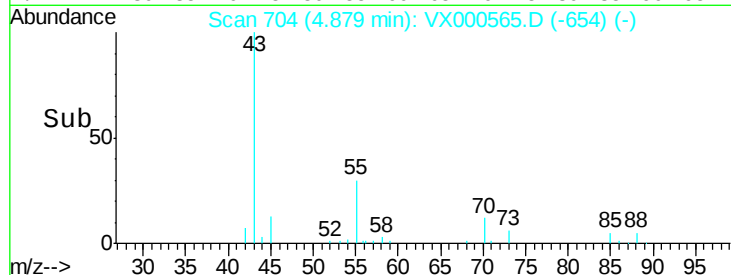
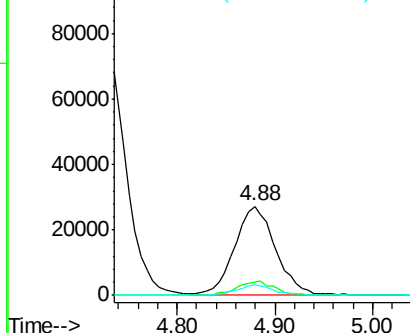
Tot Ion:	43	Resp:	77452
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.1	16.7
70	10.9	7.7	11.5

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



#38

Carbon Tetrachloride

Concen: 17.05 ug/l

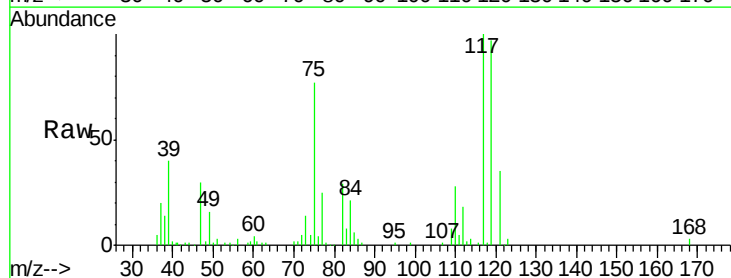
RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

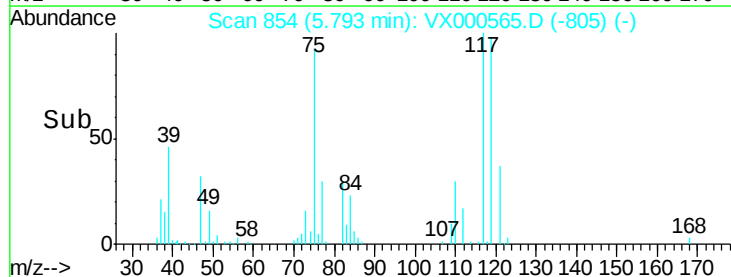
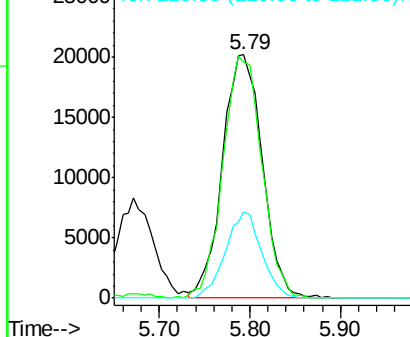
Lab File: VX000565.D

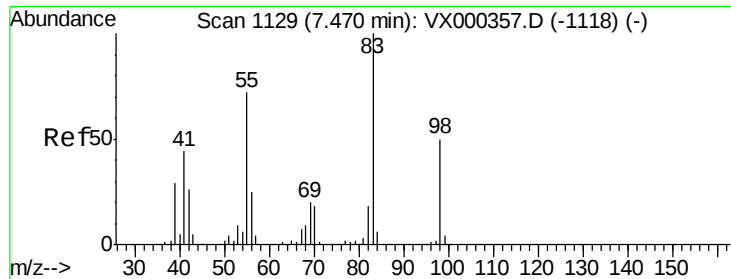
Acq: 30 Mar 2018 17:31

Tgt Ion:	117	Resp:	61775
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.2
121	35.5	24.8	37.2



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





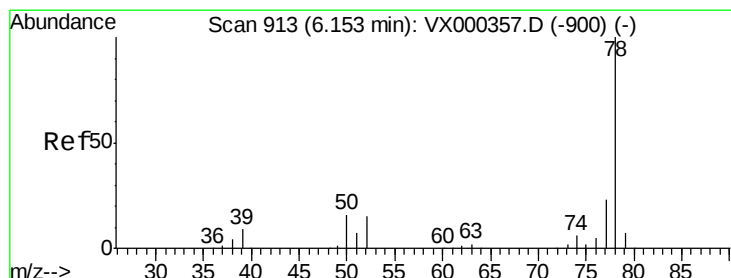
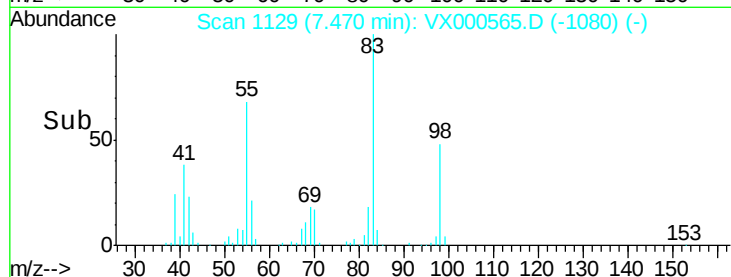
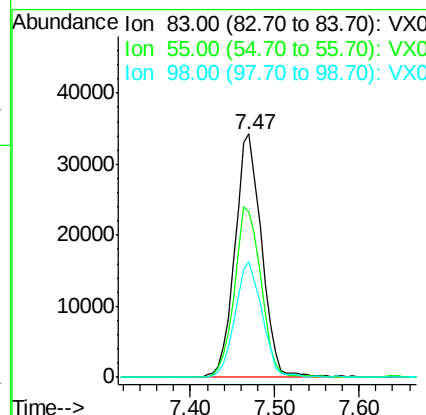
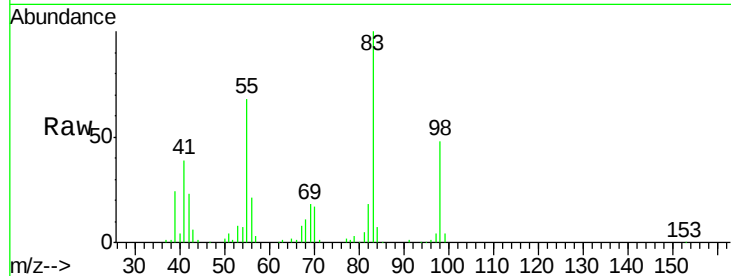
#39
Methvlcvclohexane
Concen: 17.54 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	55.5	83.3
98	47.5	38.2	57.4

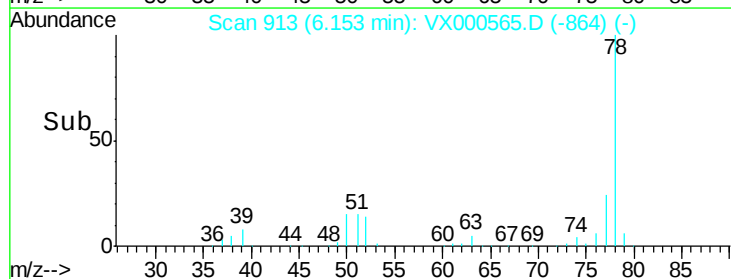
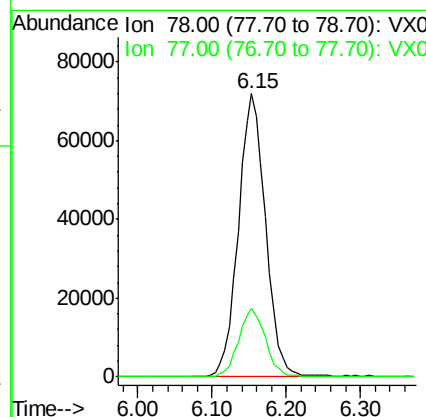
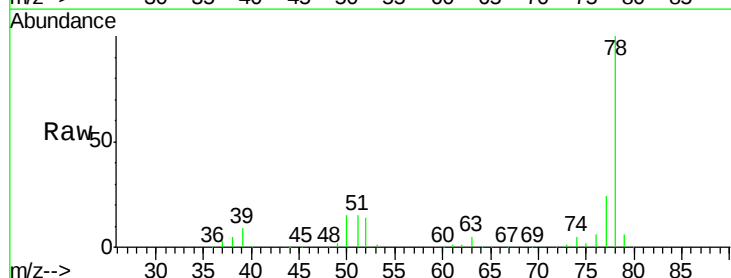
Manual Integrations
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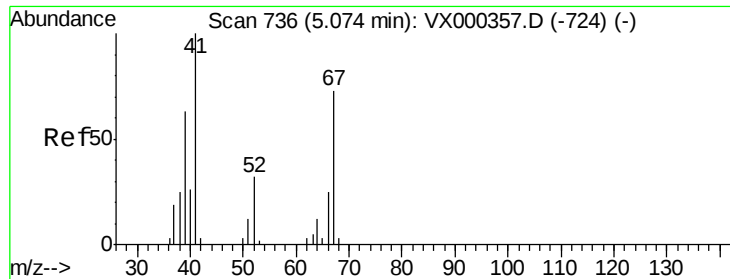
sam
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#40
Benzene
Concen: 18.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





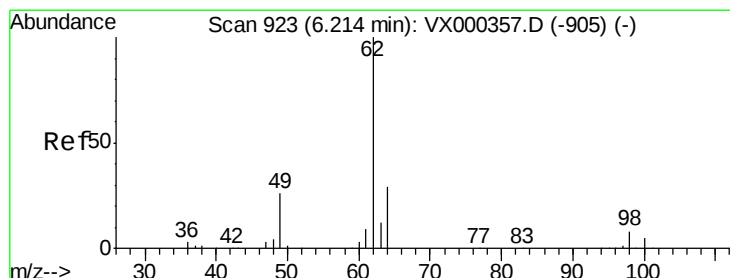
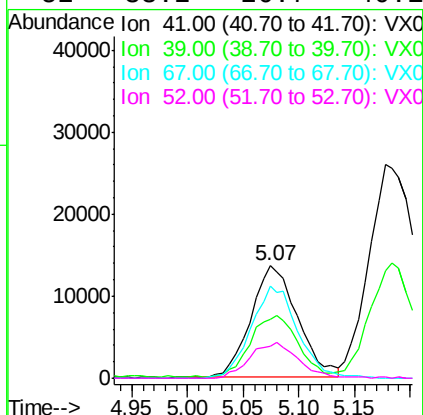
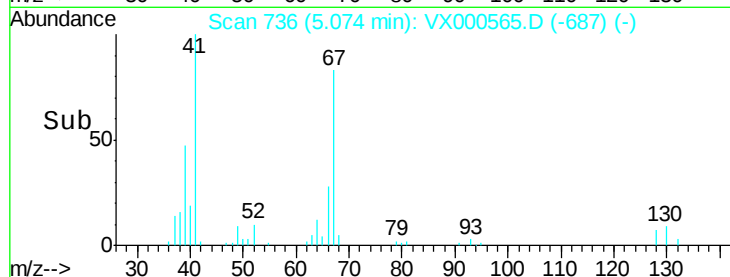
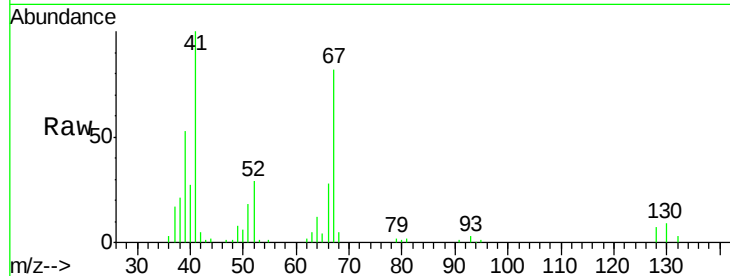
#41
Methacrylonitrile
Concen: 15.99 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.0	45.7	68.5	
67	82.4	57.8	86.8	
52	33.2	26.7	40.1	

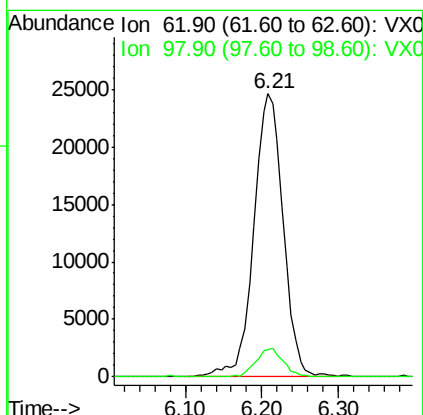
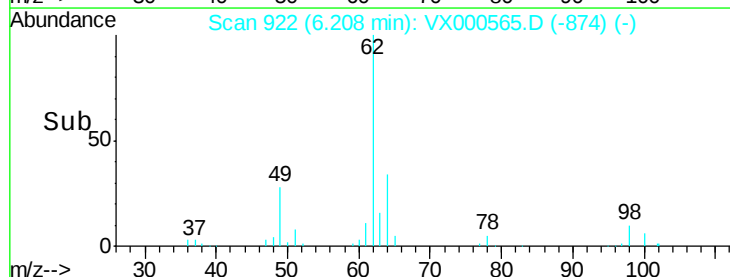
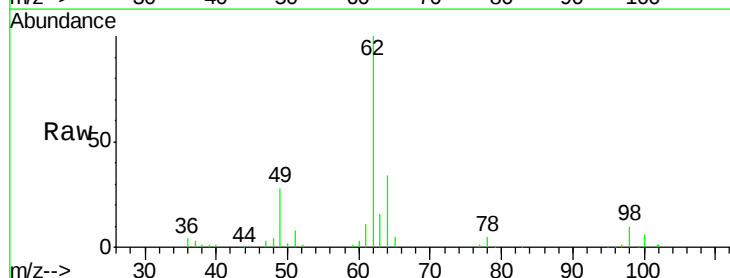
Manual Integrations
APPROVED

sam
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#42
1,2-Dichloroethane
Concen: 16.75 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	15.8	





#43

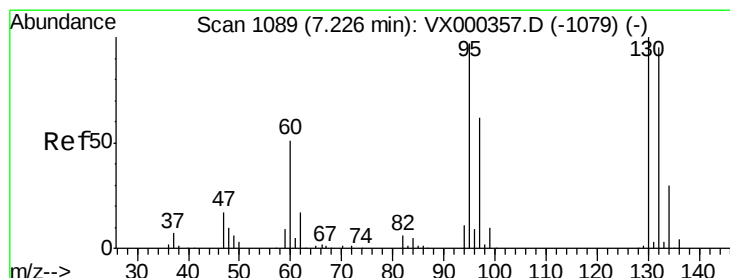
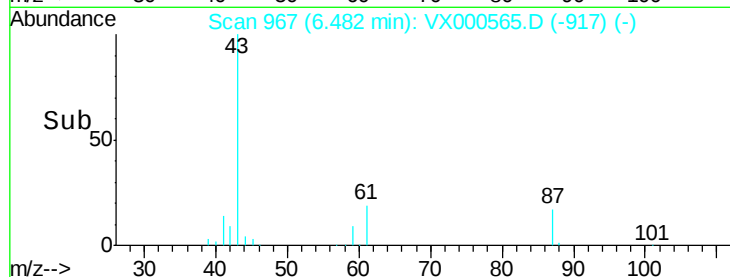
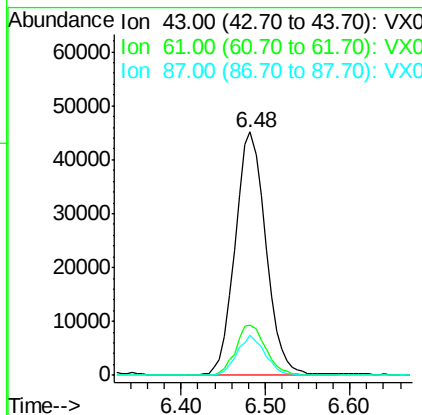
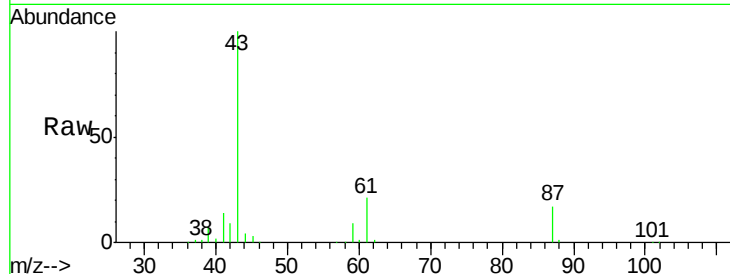
Isopropyl Acetate
 Concen: 15.74 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tot Ion:	43	Resp:	110540
Ion	Ratio	Lower	Upper
43	100		
61	20.5	14.4	21.6
87	15.1	11.0	16.4

Manual Integrations
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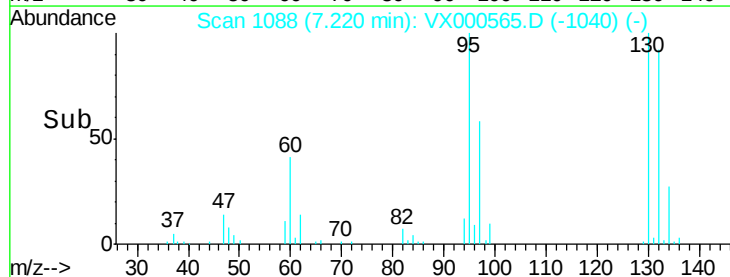
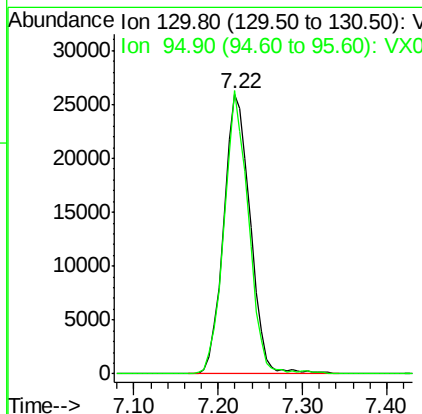
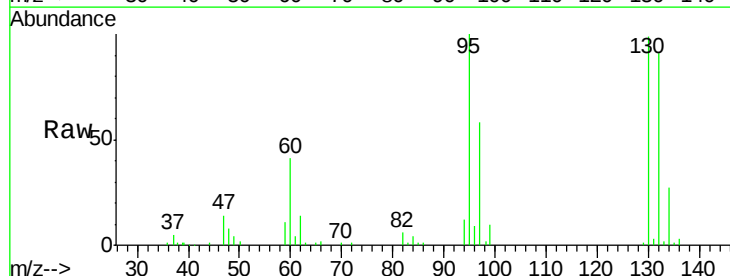
sam
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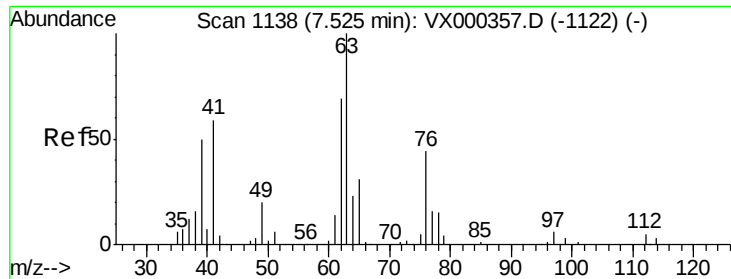


#44

Trichloroethene
 Concen: 19.28 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion:	130	Resp:	55385
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	186.0





#45

1,2-Dichloropropane

Concen: 17.21 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampled :

VX0330MBS01

Tot Ion: 63 Resp: 44170

Ion Ratio Lower Upper

63 100

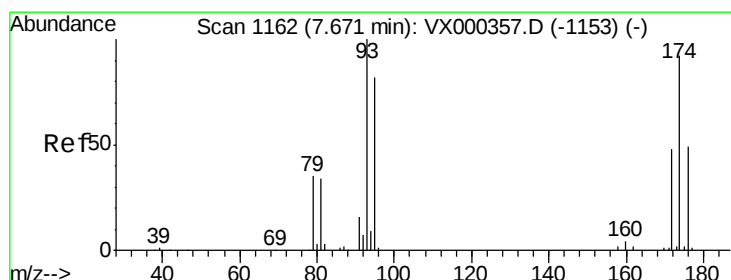
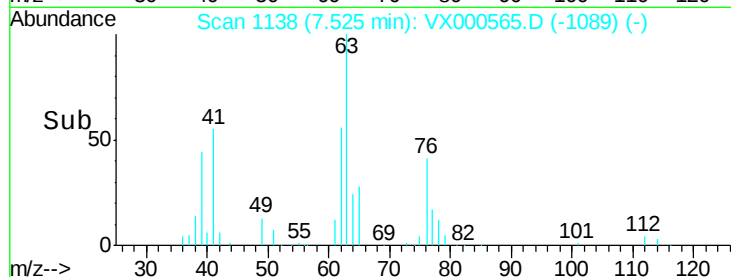
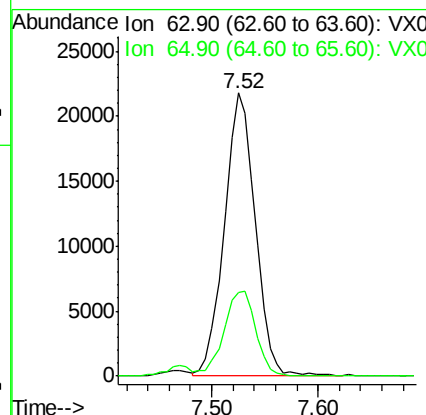
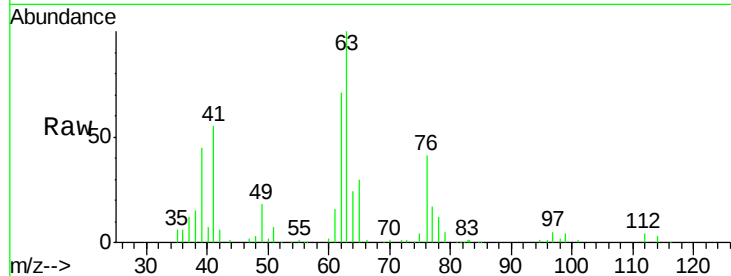
65 29.6 24.6 36.8

Manual Integrations

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sam

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#46

Dibromomethane

Concen: 17.19 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

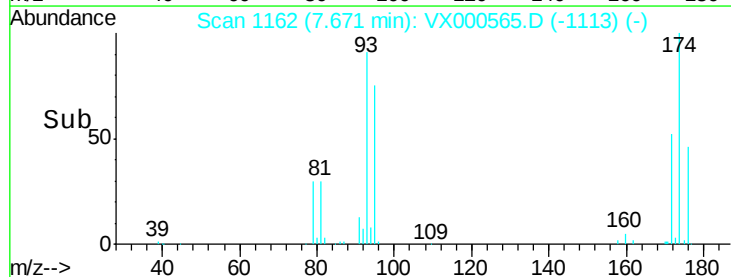
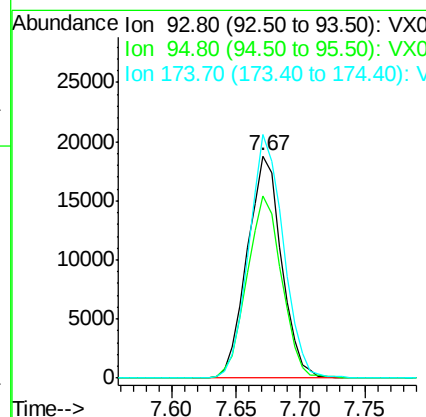
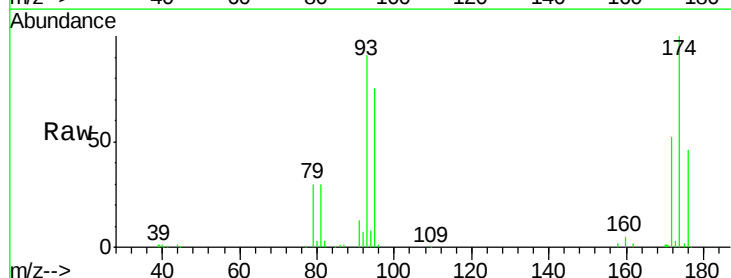
Tgt Ion: 93 Resp: 34642

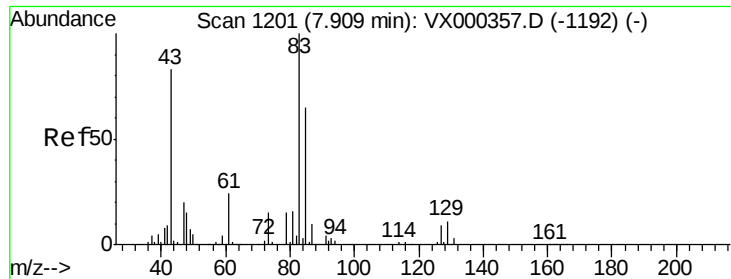
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 109.6 76.0 114.0





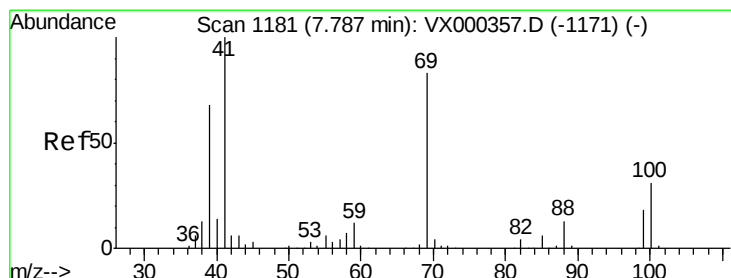
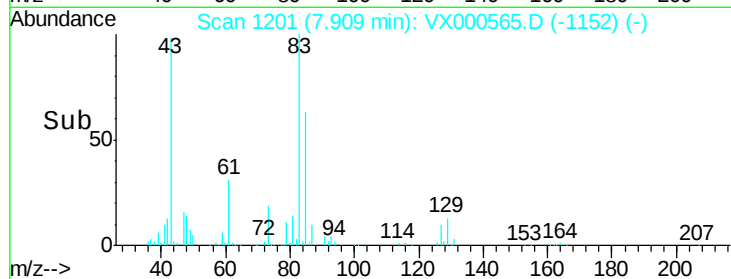
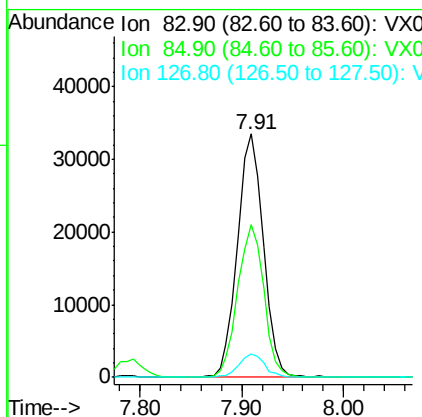
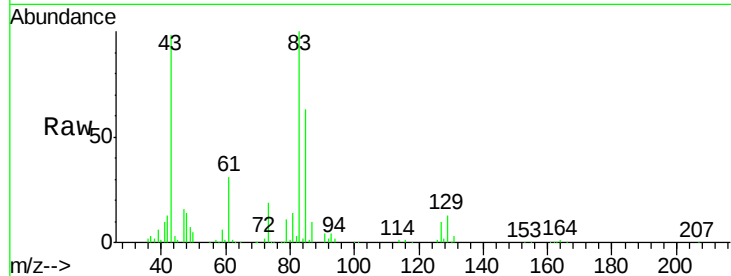
#47
Bromodichloromethane
Concen: 16.67 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.4	77.0
127	9.6	7.0	10.6

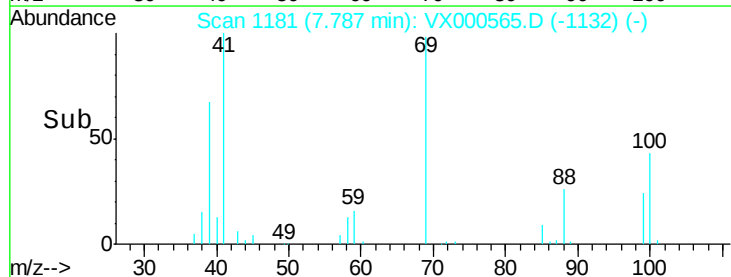
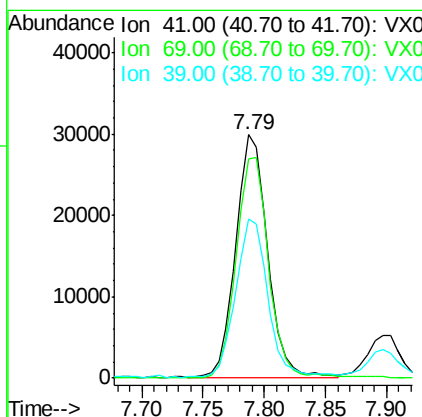
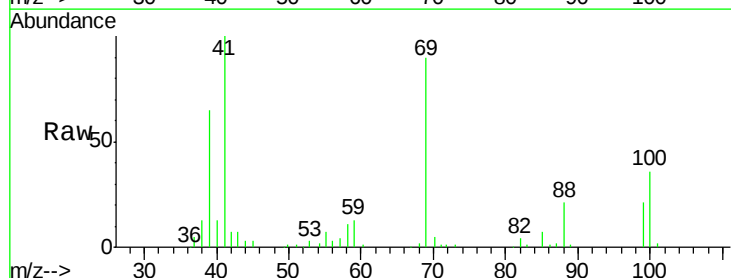
Manual Integrations
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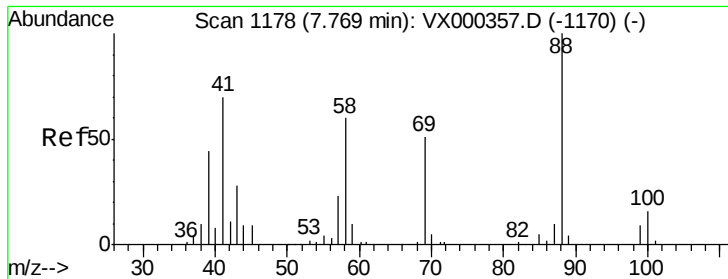
sam
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#48
Methyl methacrylate
Concen: 15.73 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.9	68.2	102.4
39	66.2	54.6	81.8





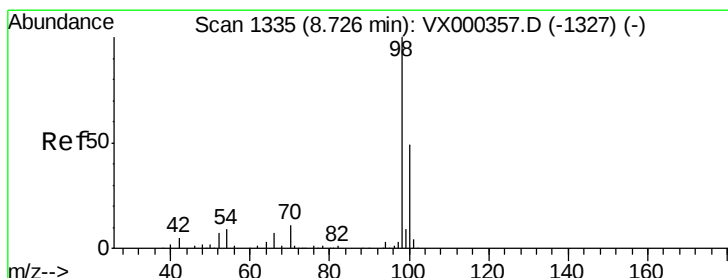
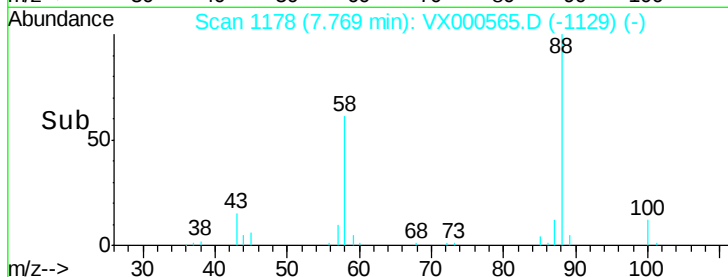
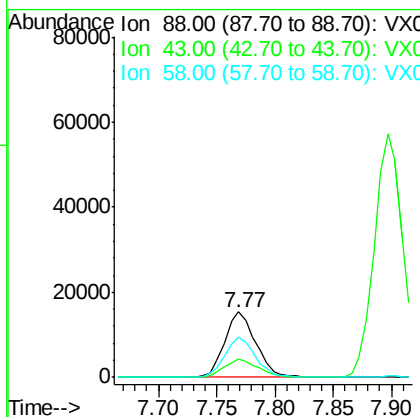
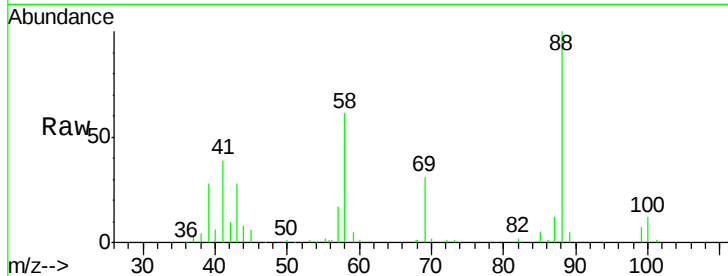
#49
 1,4-Dioxane
 Concen: 397.20 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	26.8	40.2
58	61.5	52.2	78.2

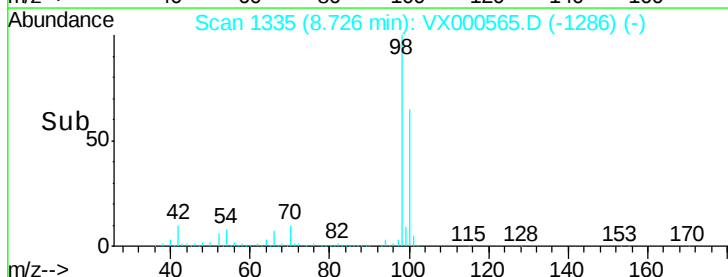
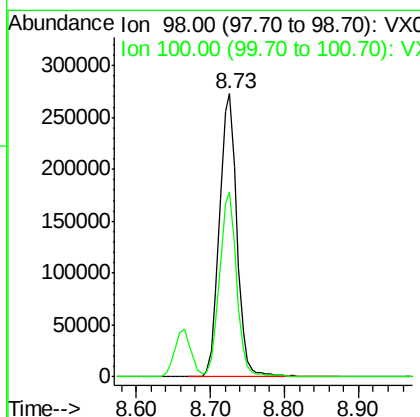
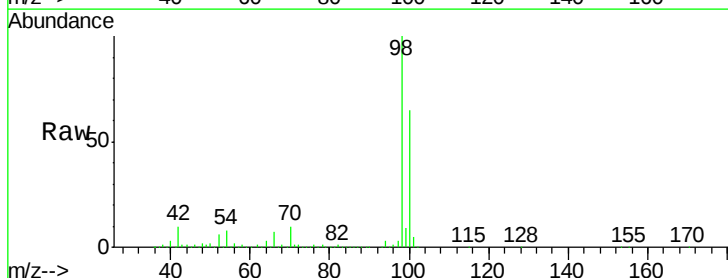
Manual Integrations
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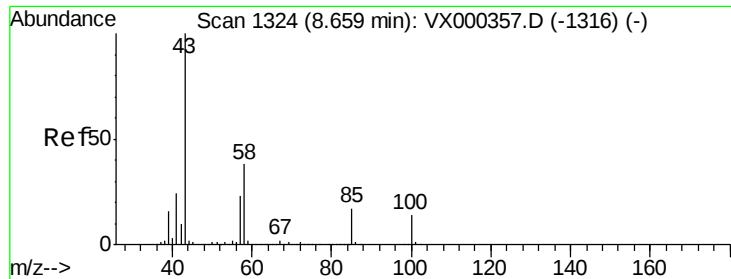
sam
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#50
 Toluene-d8
 Concen: 45.82 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 76.39 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampled :

VX0330MBS01

Tot Ion: 43 Resp: 415150

Ion Ratio Lower Upper

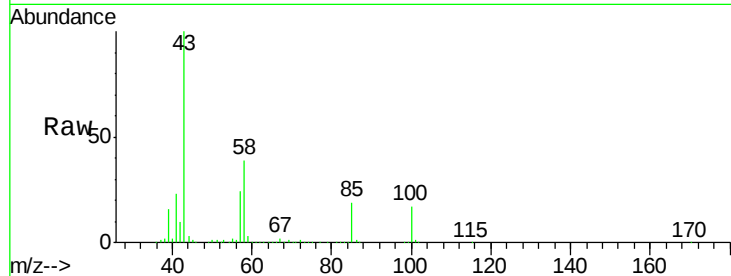
43 100

58 39.2 30.3 45.5

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

250000

200000

150000

100000

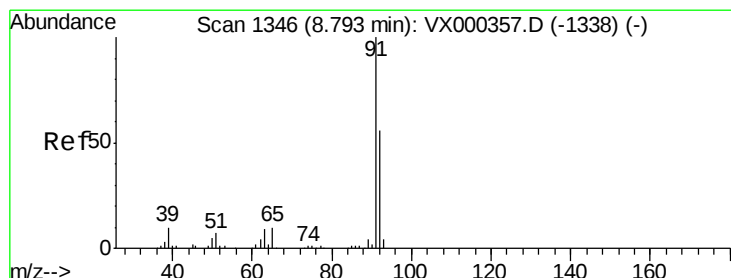
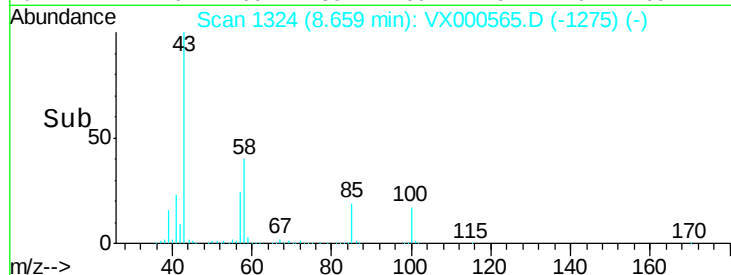
50000

0

8.66

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 17.59 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000565.D

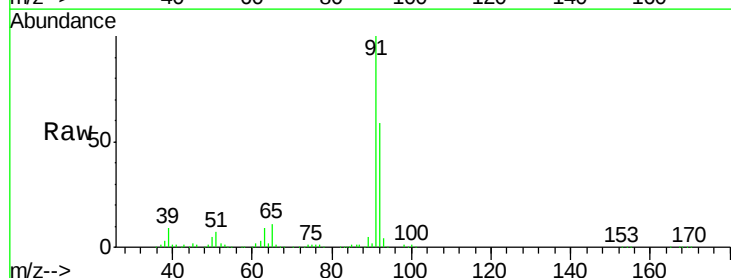
Acq: 30 Mar 2018 17:31

Tgt Ion: 92 Resp: 123297

Ion Ratio Lower Upper

92 100

91 173.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

100000

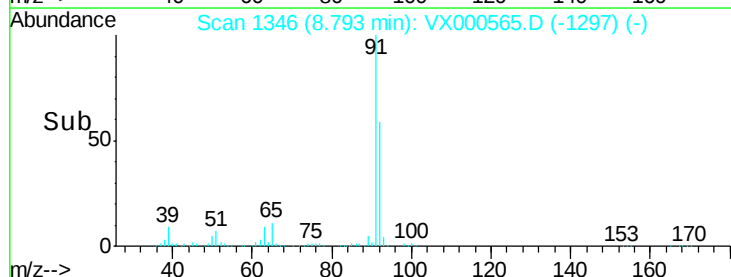
50000

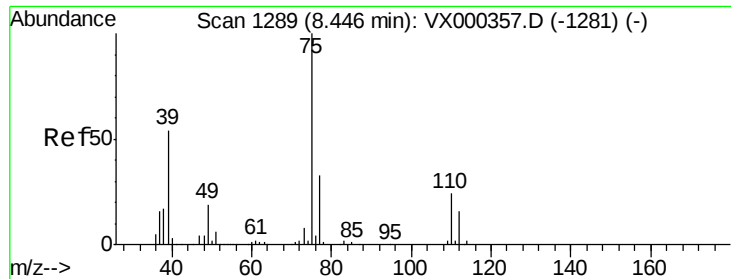
0

8.79

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.35 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion: 75 Resp: 71270

Ion Ratio Lower Upper

75 100

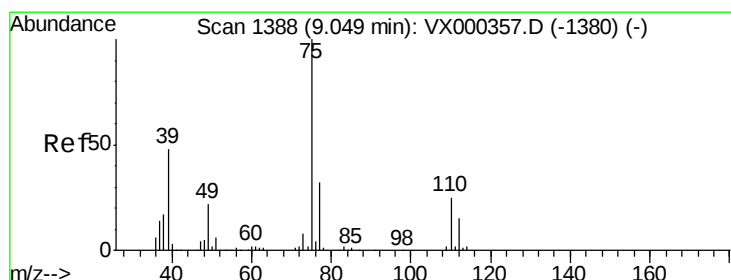
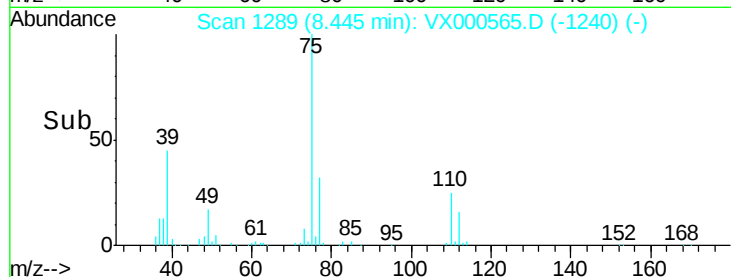
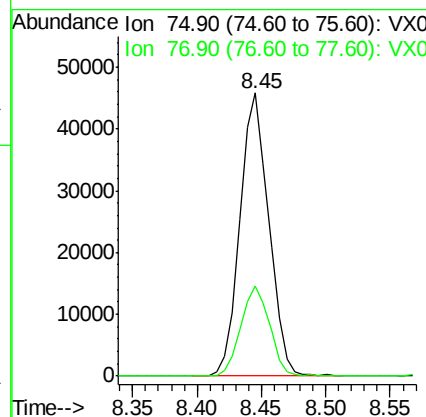
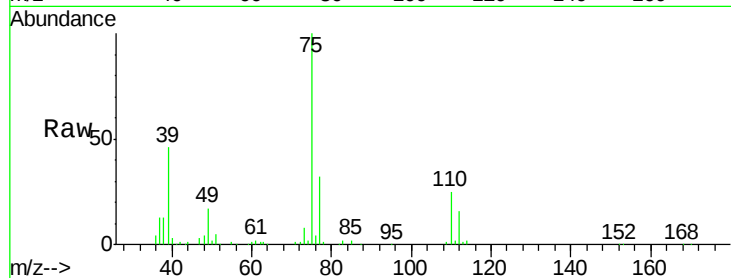
77 31.8 24.0 36.0

Manual Integrations

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sam

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#54

cis-1,3-Dichloropropene

Concen: 16.20 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

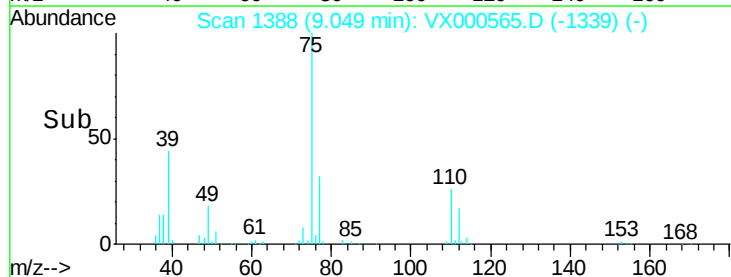
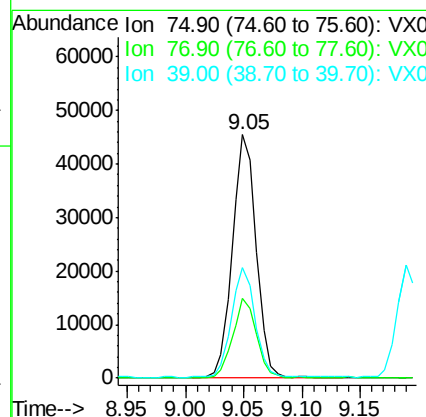
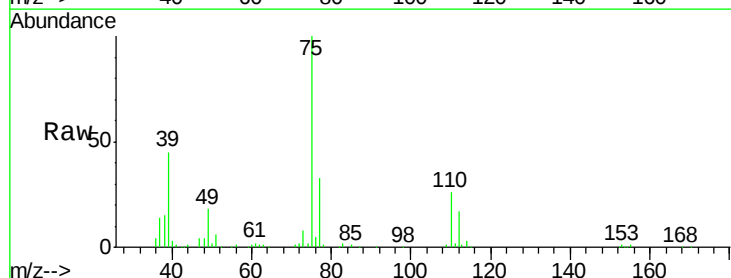
Tgt Ion: 75 Resp: 64542

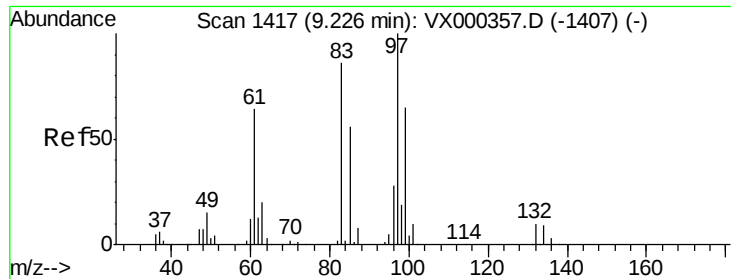
Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

39 44.8 39.8 59.6





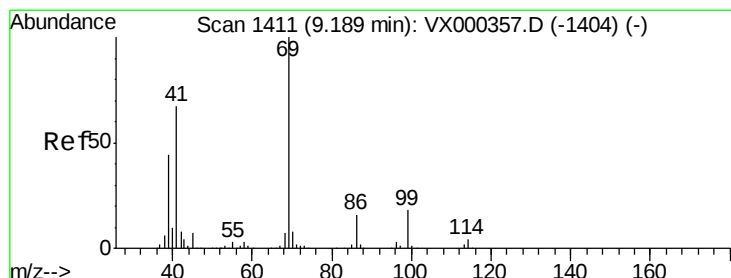
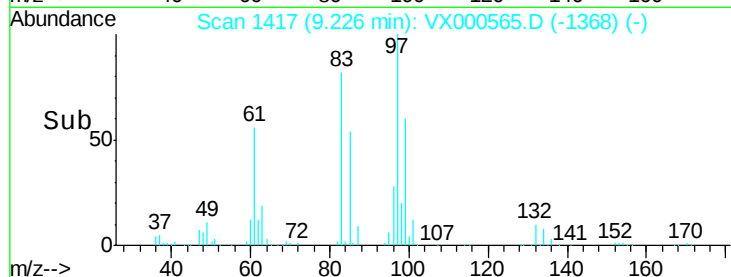
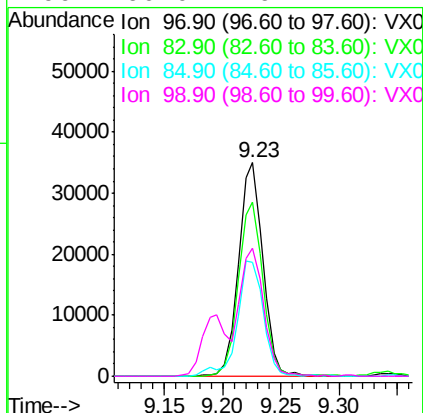
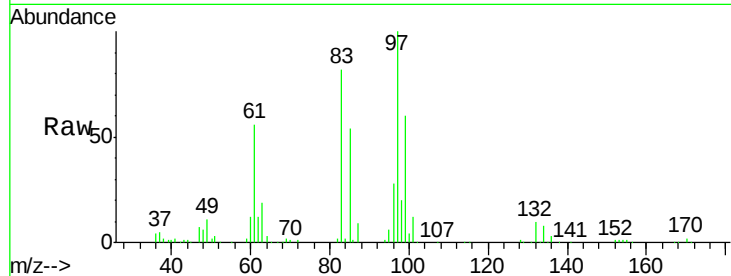
#55
 1,1,2-Trichloroethane
 Concen: 17.68 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tot Ion:	97	Resp:	50975
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.9	101.9
85	53.5	42.8	64.2
99	60.0	49.4	74.2

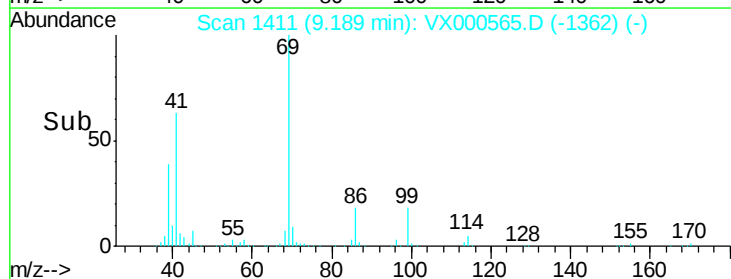
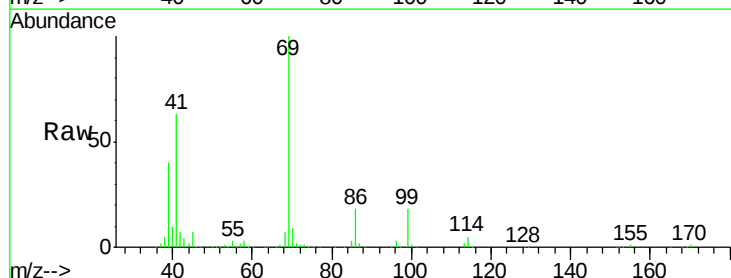
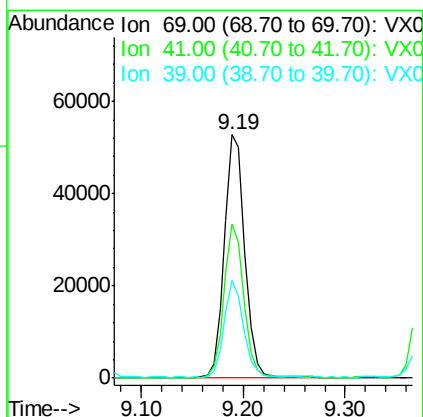
Manual Integrations
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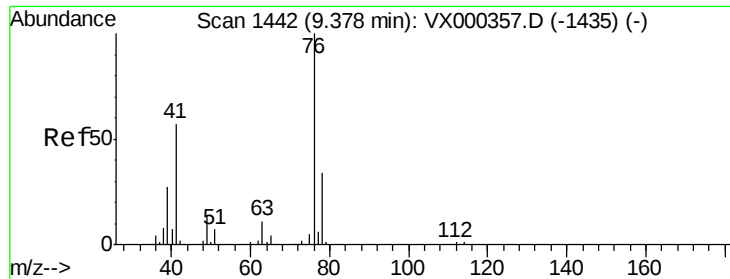
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#56
 Ethyl methacrylate
 Concen: 16.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion:	69	Resp:	73770
Ion	Ratio	Lower	Upper
69	100		
41	60.6	53.0	79.6
39	37.2	35.3	52.9





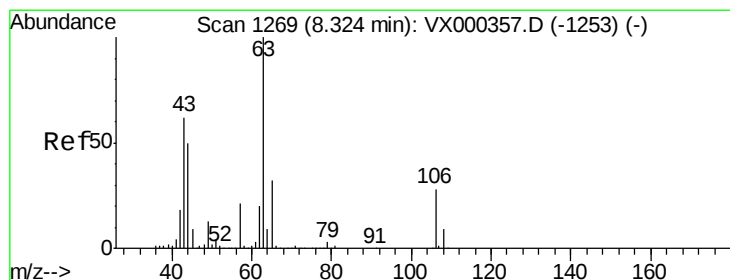
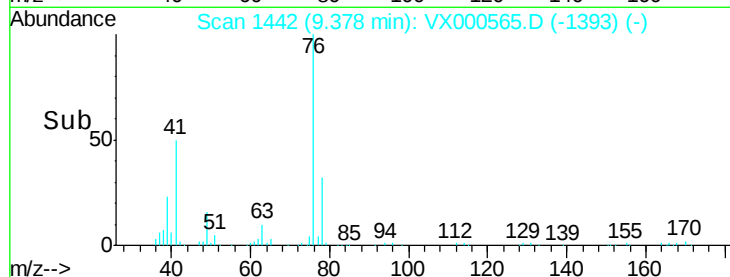
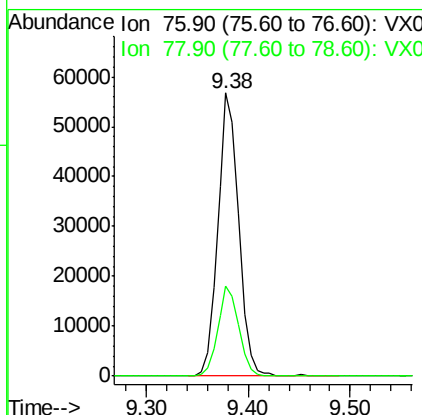
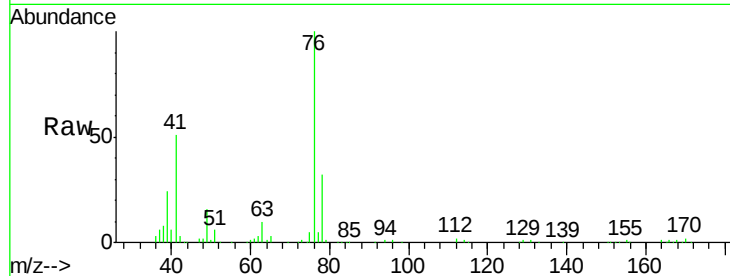
#57
 1,3-Dichloropropane
 Concen: 17.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330MBS01

Tot Ion: 76 Resp: 81323
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6

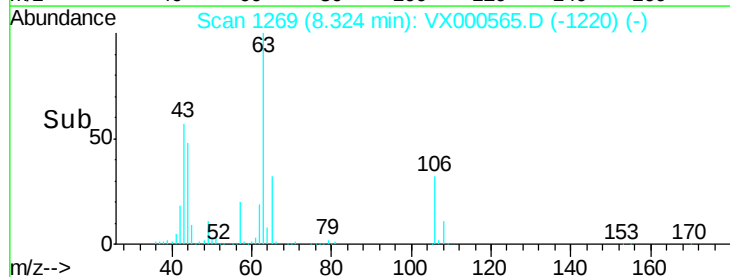
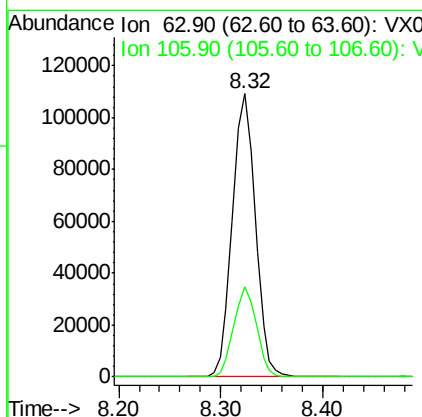
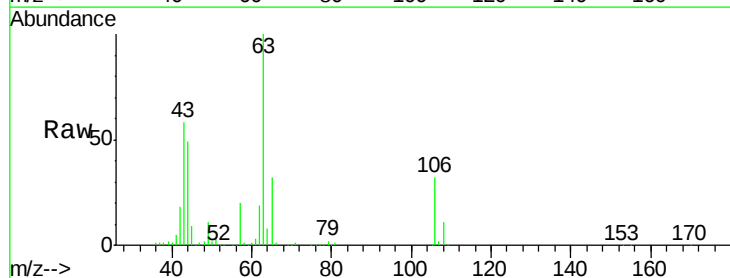
Manual Integrations
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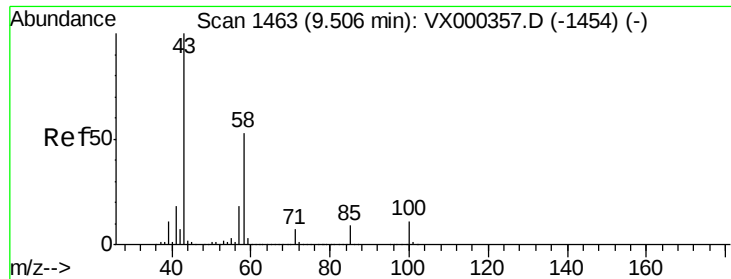
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#58
 2-Chloroethyl Vinyl ether
 Concen: 81.70 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion: 63 Resp: 171287
 Ion Ratio Lower Upper
 63 100
 106 31.4 23.2 34.8





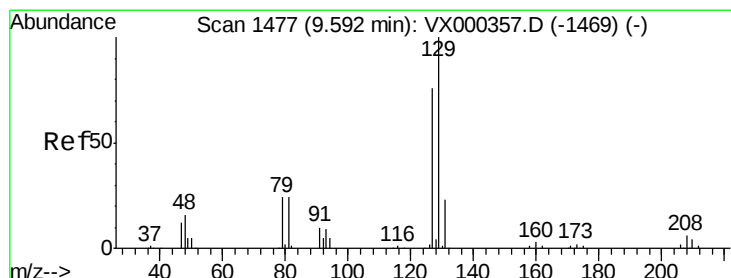
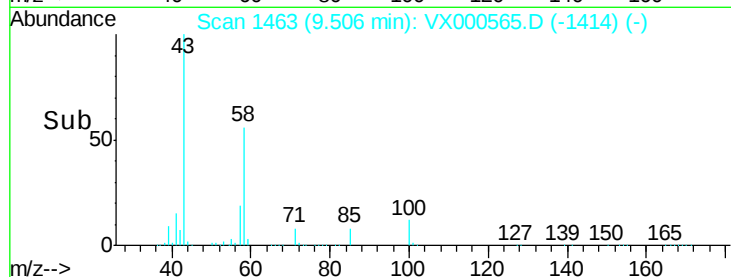
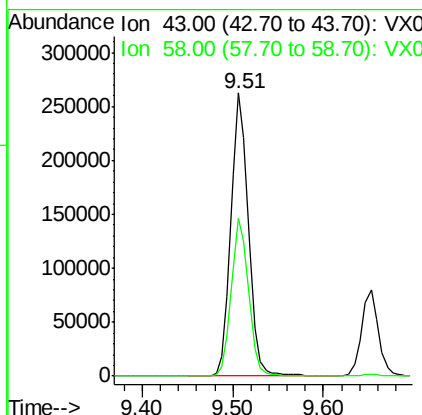
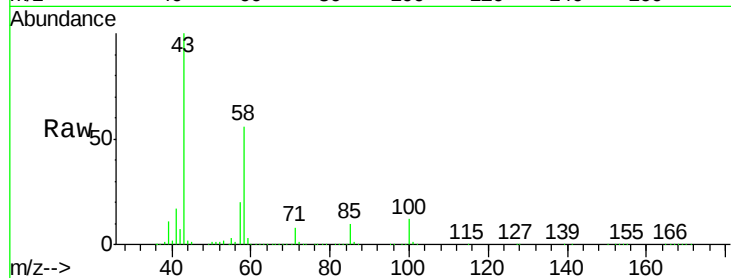
#59
2-Hexanone
Concen: 76.35 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	43	Resp	352335
Ion Ratio	100	Lower	Upper
43	100		
58	55.1	26.6	79.7

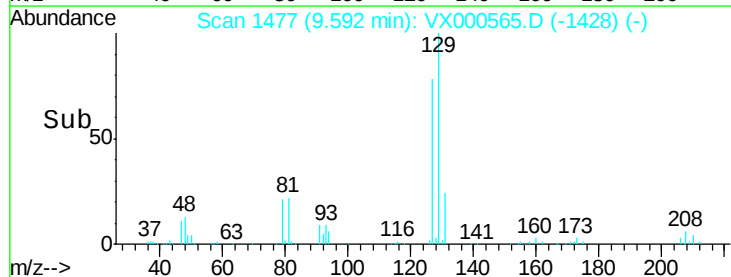
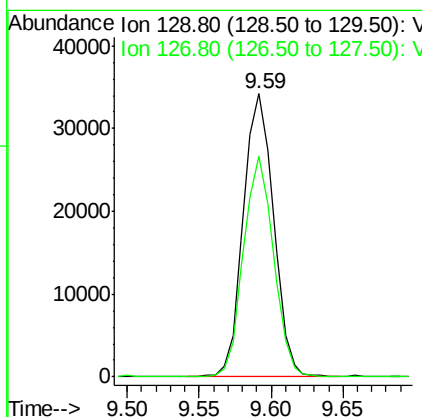
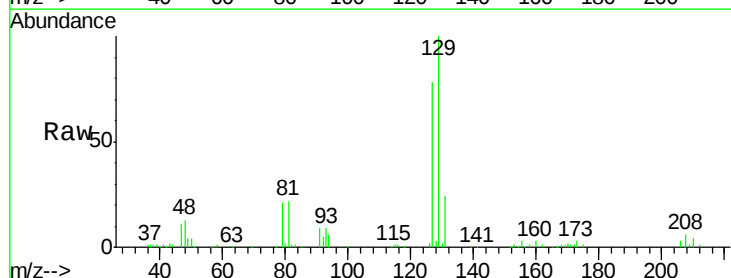
Manual Integrations
APPROVED

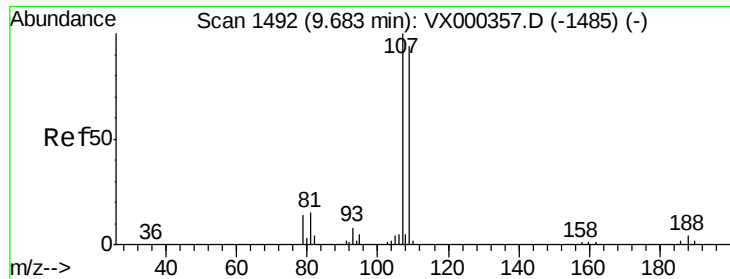
sam
4/4/2018 6:11:04 PM



#60
Dibromochloromethane
Concen: 17.55 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	129	Resp	49953
Ion Ratio	100	Lower	Upper
129	100		
127	77.6	37.9	113.6





#61

1,2-Dibromoethane

Concen: 18.28 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion:107 Resp: 56504

Ion Ratio Lower Upper

107 100

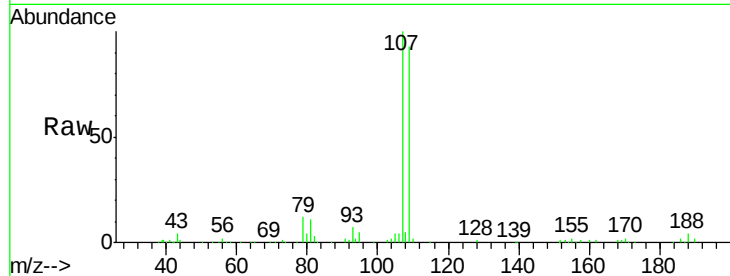
109 94.5 76.1 114.1

Manual Integrations

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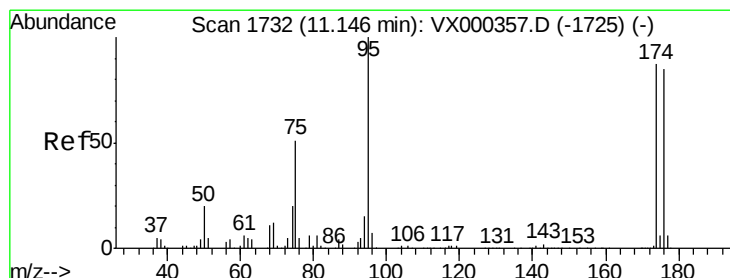
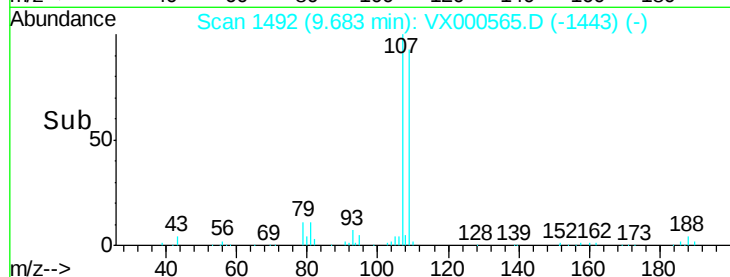
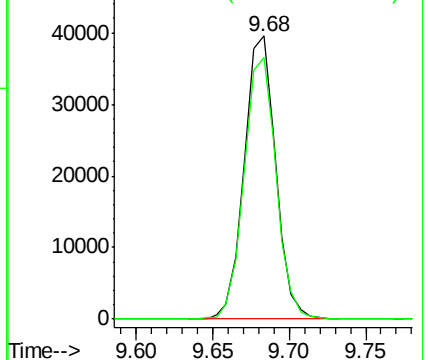
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.70 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

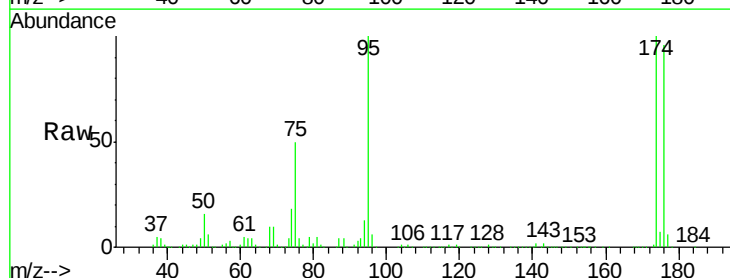
Tgt Ion: 95 Resp: 169421

Ion Ratio Lower Upper

95 100

174 94.3 0.0 173.6

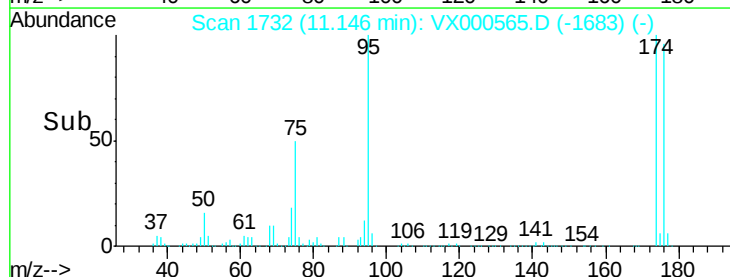
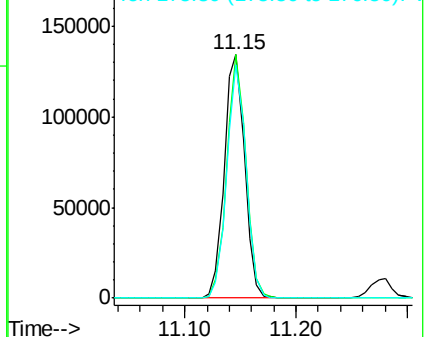
176 91.2 0.0 164.6

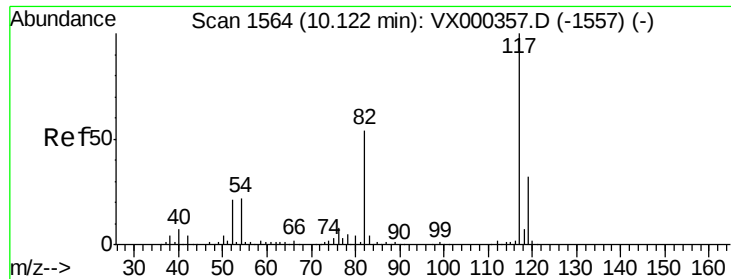


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





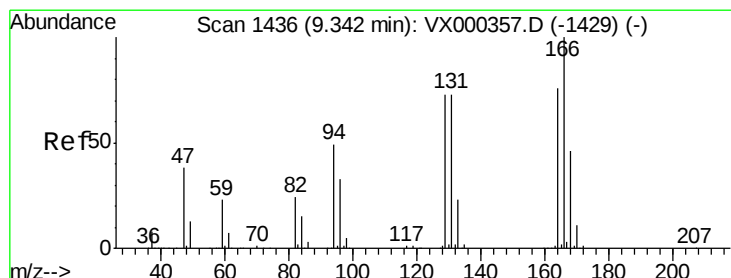
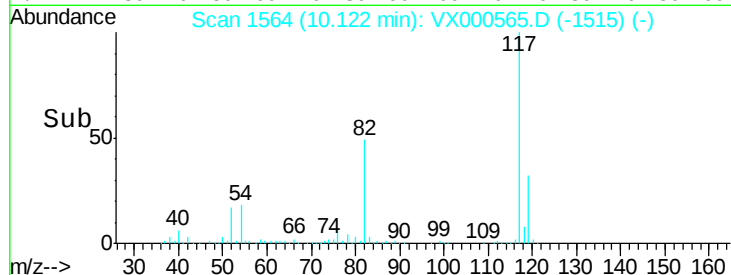
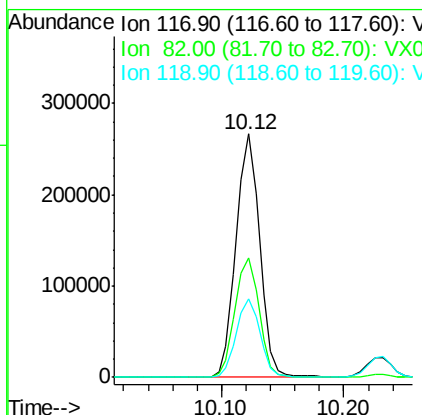
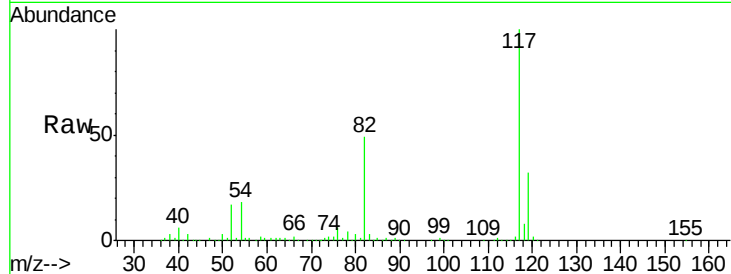
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	43.8	65.8
119	32.1	24.9	37.3

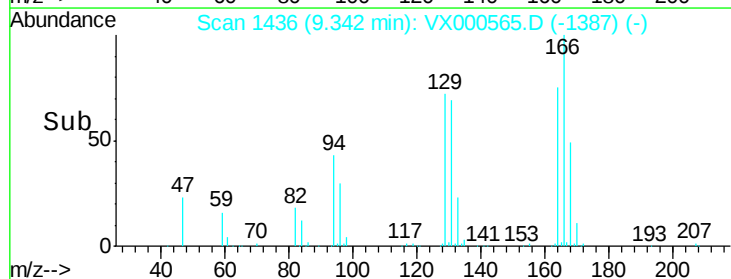
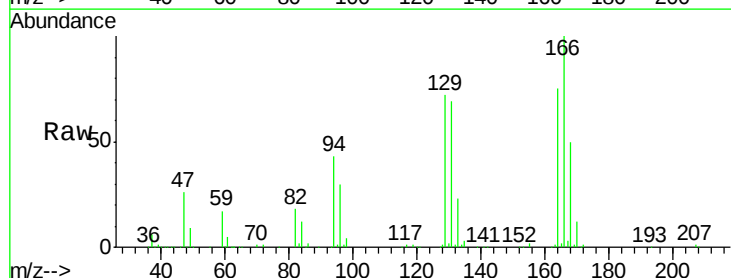
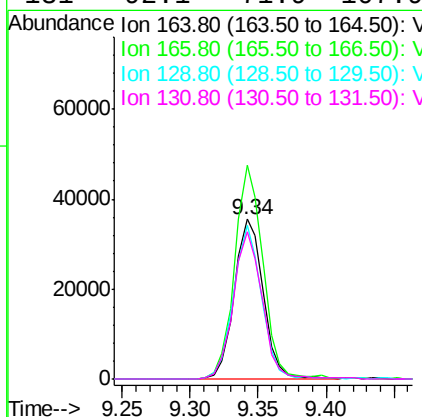
Manual Integrations
APPROVED

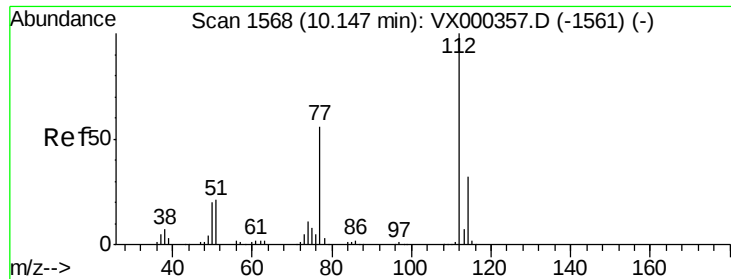
sam
4/4/2018 6:11:04 PM



#64
Tetrachloroethene
Concen: 19.01 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.6	101.0	151.6
129	95.9	79.0	118.4
131	92.1	71.9	107.9





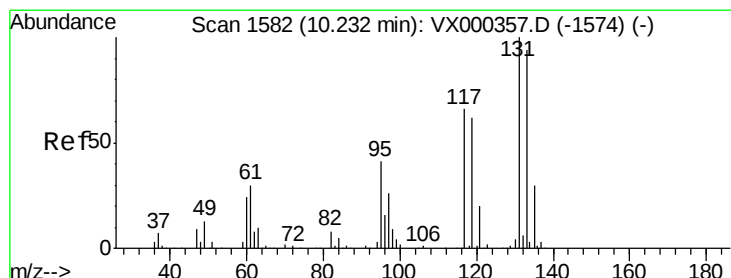
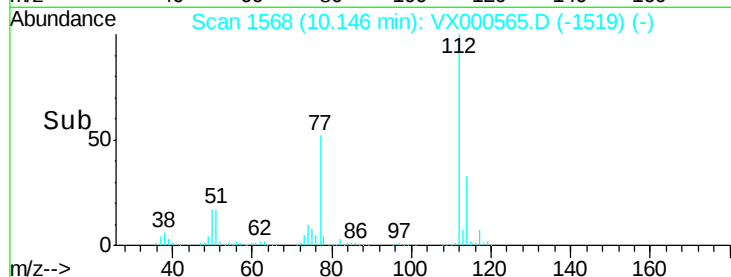
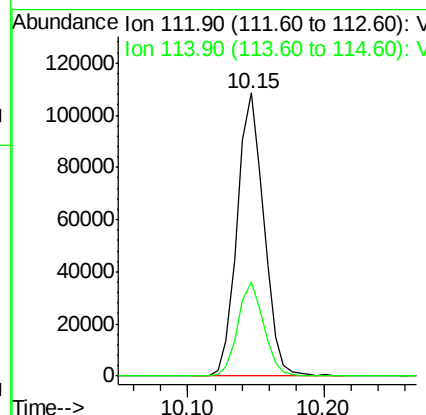
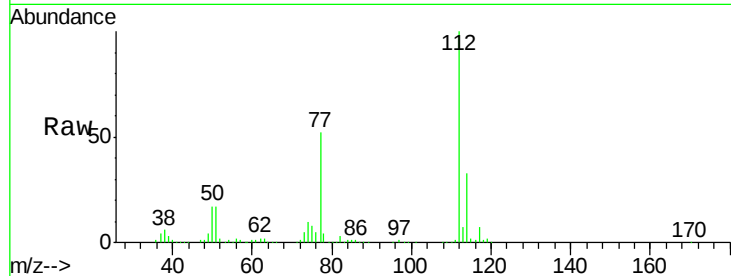
#65
Chlorobenzene
Concen: 18.67 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.7	38.5

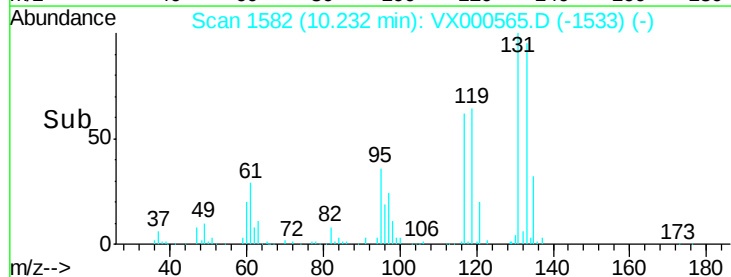
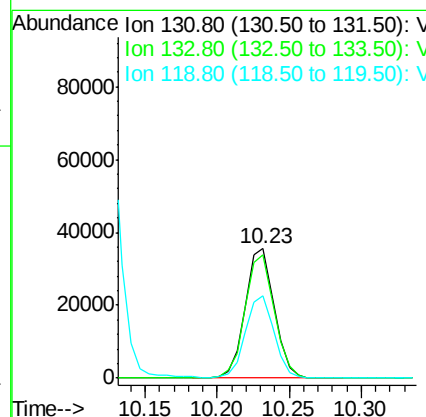
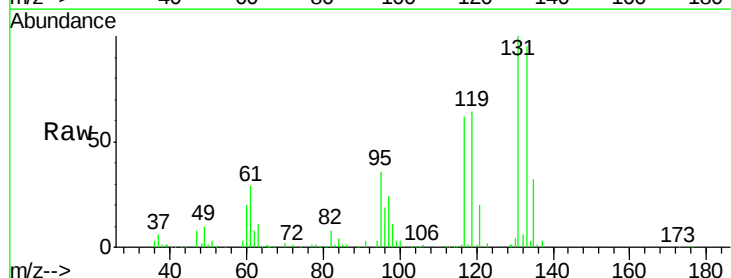
Manual Integrations
APPROVED

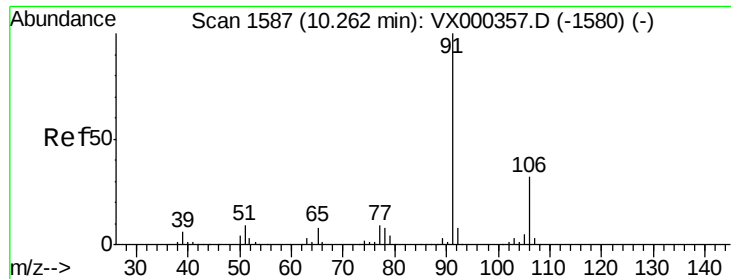
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.35 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.1	141.3
119	62.8	33.1	99.2





#67

Ethyl Benzene

Concen: 18.10 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion: 91 Resp: 243923

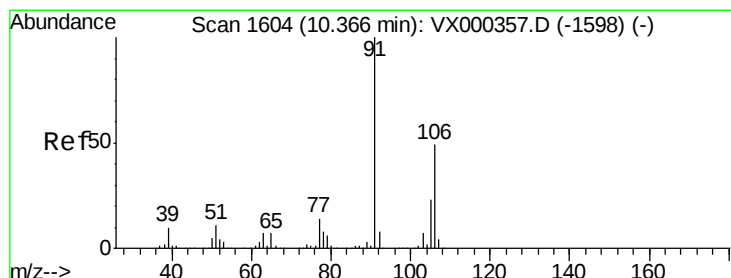
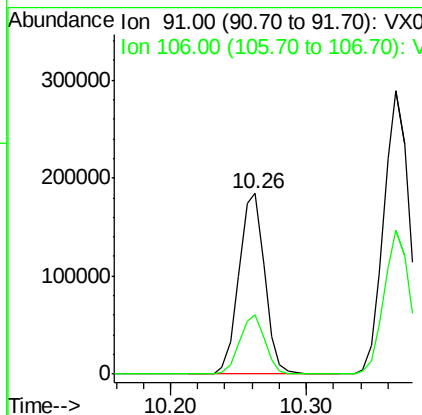
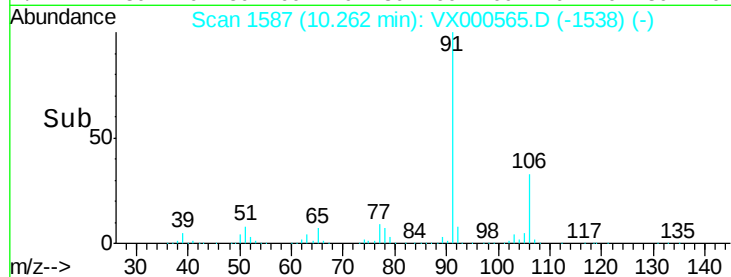
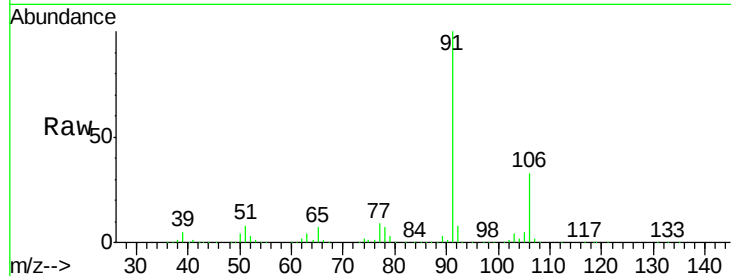
Ion Ratio Lower Upper

91 100

106 32.9 25.0 37.6

Manual Integrations
APPROVED

sam
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#68

m/p-Xylenes

Concen: 36.53 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000565.D

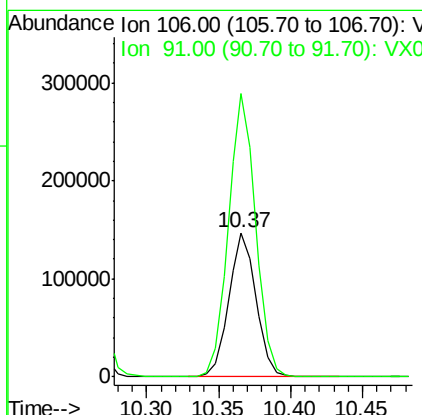
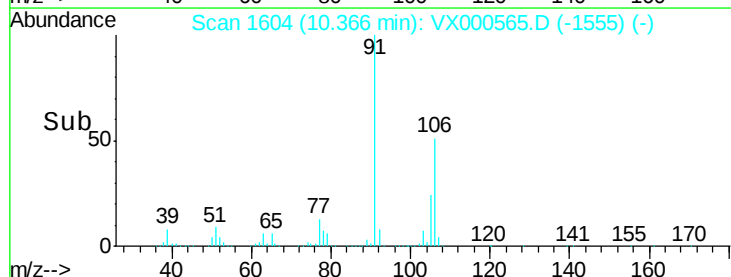
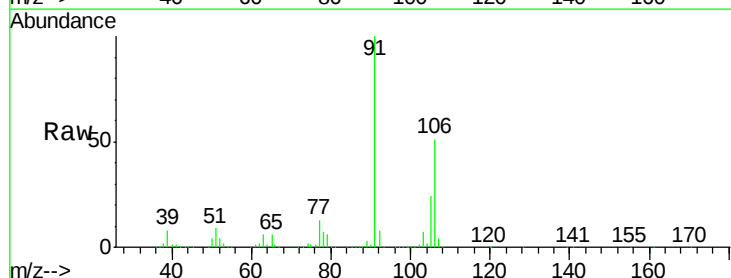
Acq: 30 Mar 2018 17:31

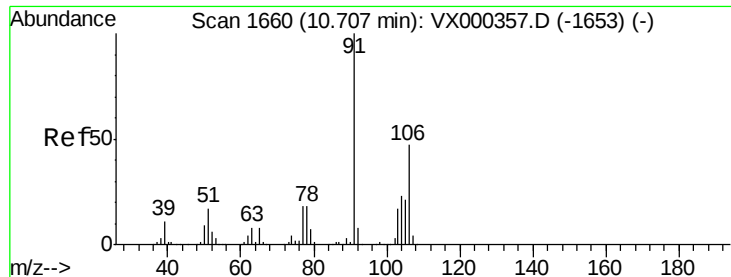
Tgt Ion: 106 Resp: 193666

Ion Ratio Lower Upper

106 100

91 197.6 163.4 245.2





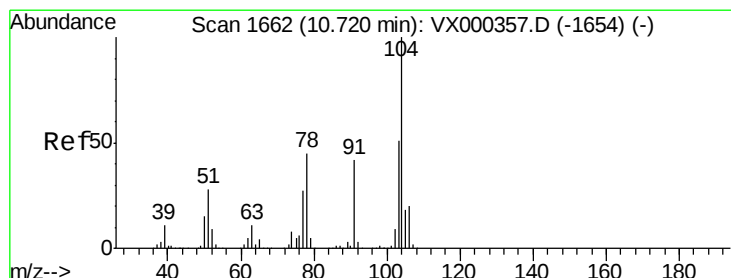
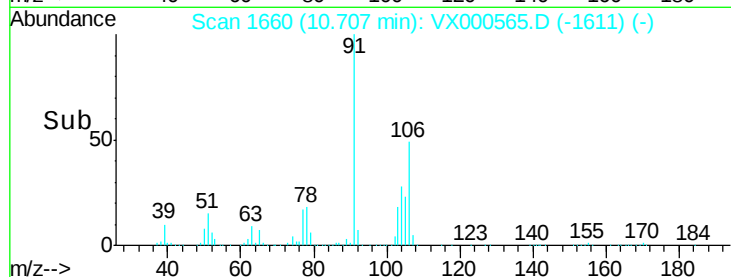
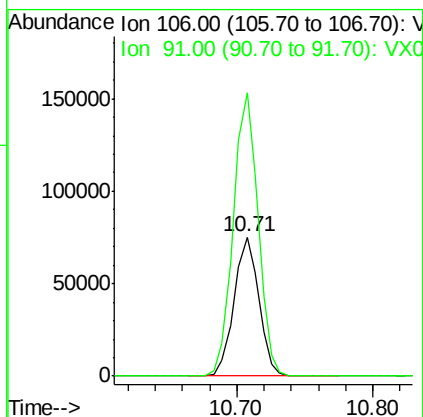
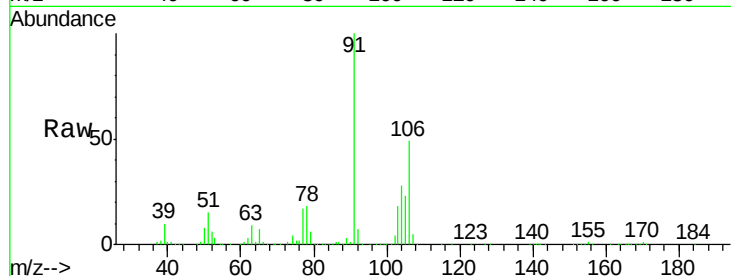
#69
o-Xylene
Concen: 18.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.5	106.5	319.6	

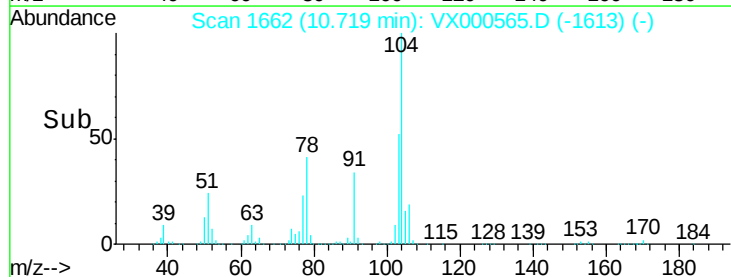
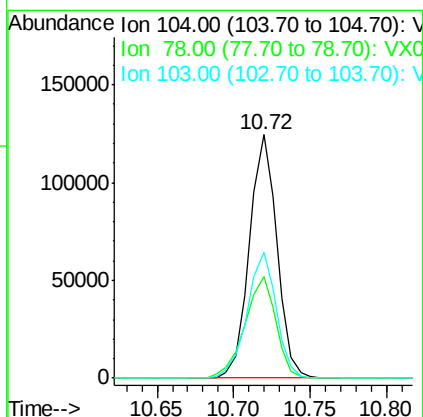
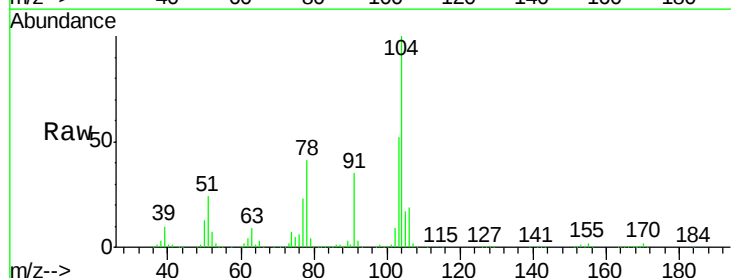
Manual Integrations
APPROVED

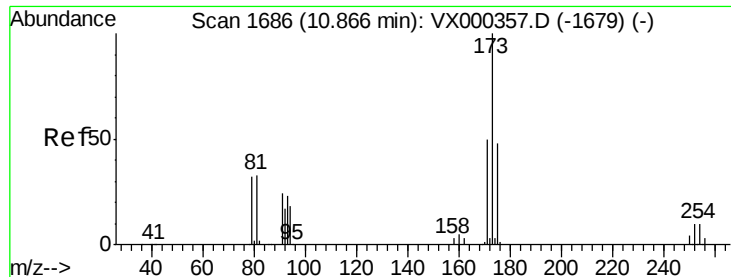
sam
4/4/2018 6:11:04 PM



#70
Styrene
Concen: 18.33 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.0	40.5	60.7	
103	55.4	45.7	68.5	





#71

Bromoform

Concen: 16.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion:173 Resp: 37904

Ion Ratio Lower Upper

173 100

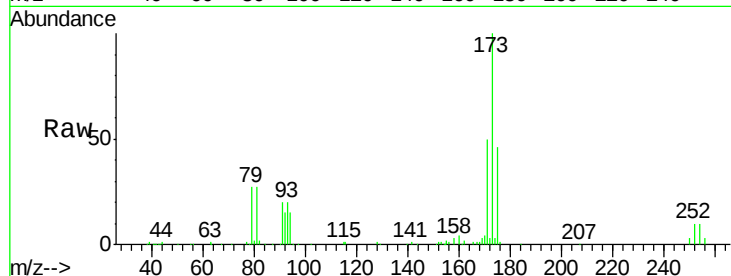
175 48.6 25.4 76.4

254 0.0 0.0 0.0

Manual Integrations
APPROVED

sam

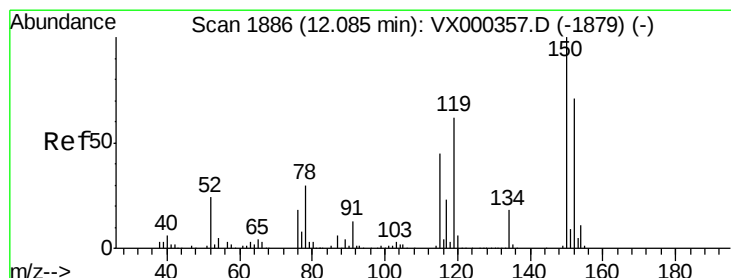
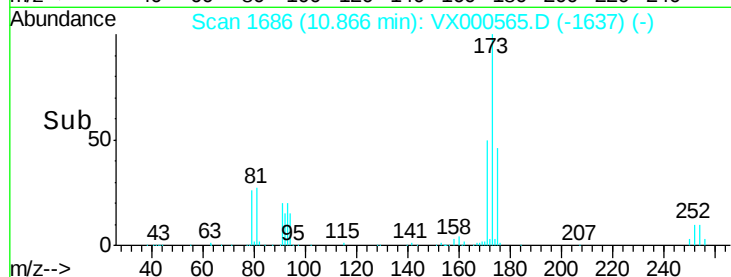
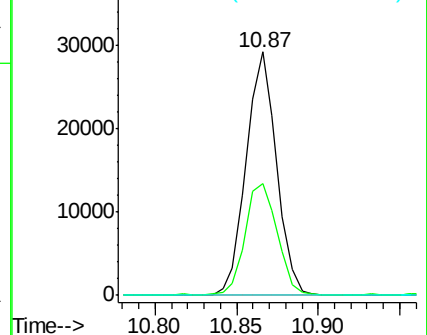
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

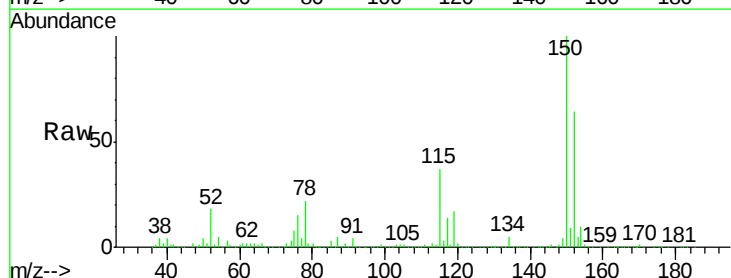
Tgt Ion:152 Resp: 207038

Ion Ratio Lower Upper

152 100

115 64.1 39.8 119.3

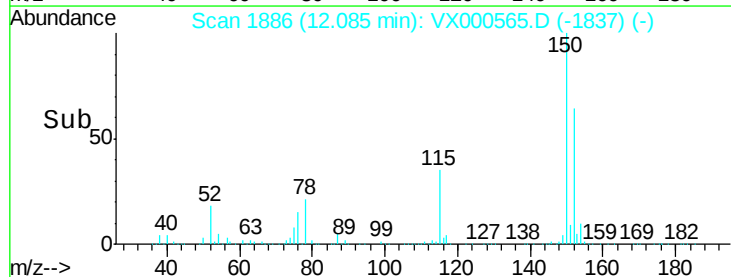
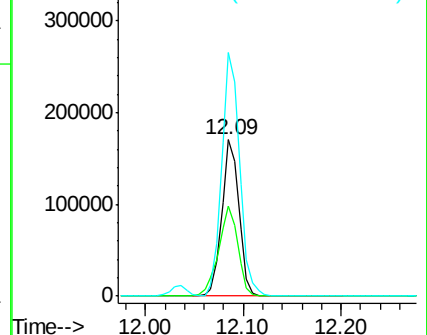
150 163.3 0.0 344.4

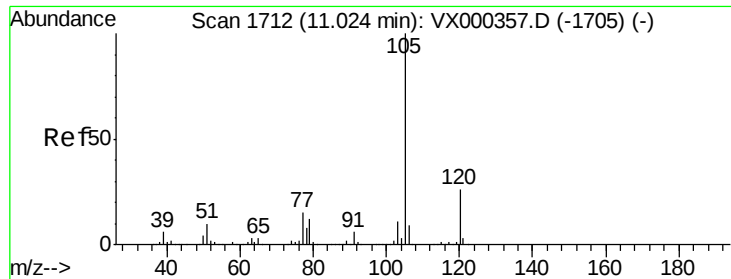


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion:105 Resp: 252303

Ion Ratio Lower Upper

105 100

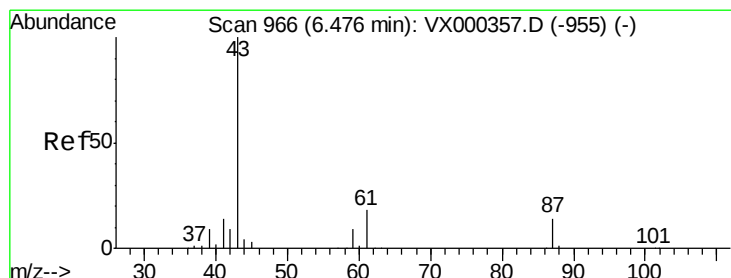
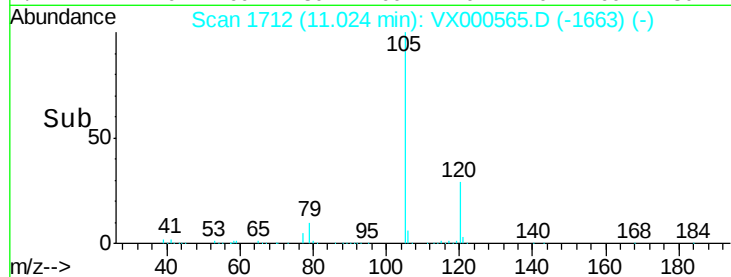
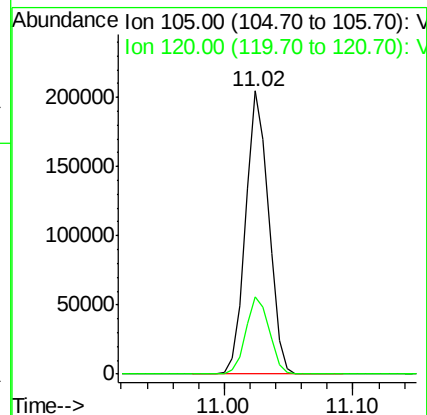
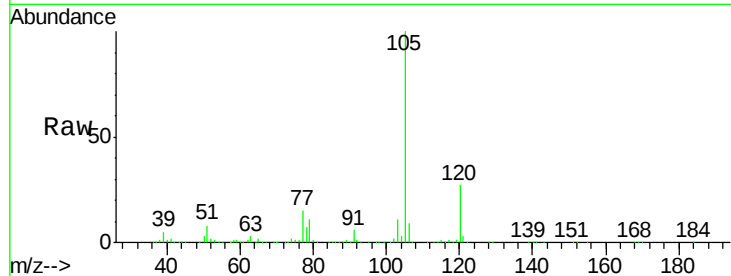
120 27.7 13.6 40.7

Manual Integrations

APPROVED

sam

4/4/2018 6:11:04 PM



#74

N-ethyl acetate

Concen: 16.27 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion: 43 Resp: 110540

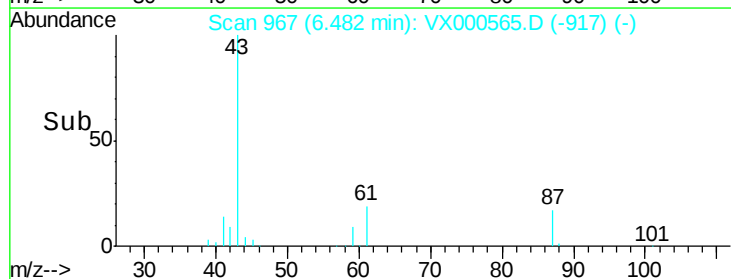
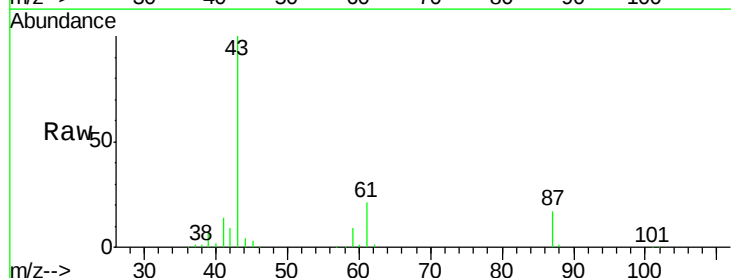
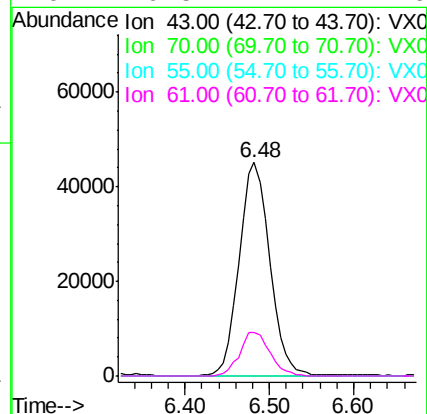
Ion Ratio Lower Upper

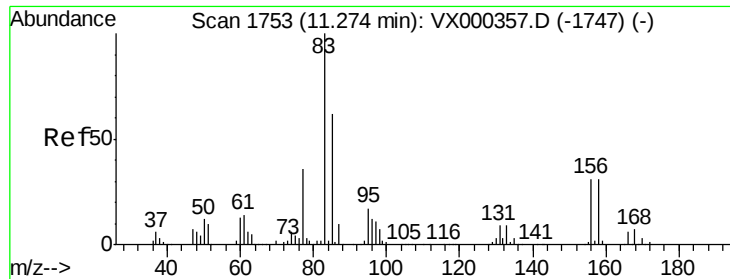
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.5 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

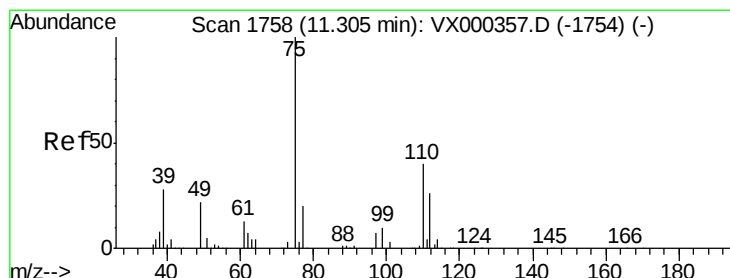
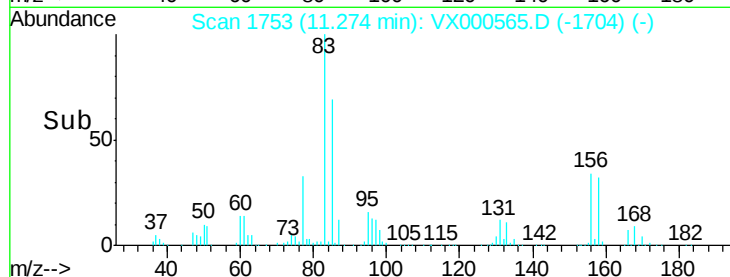
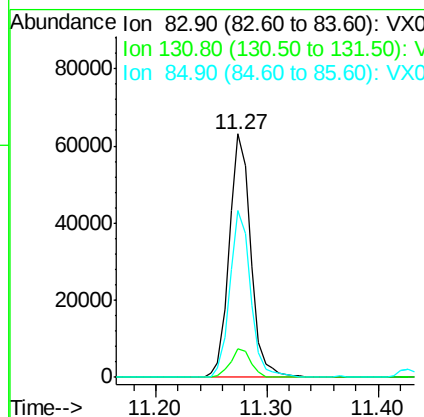
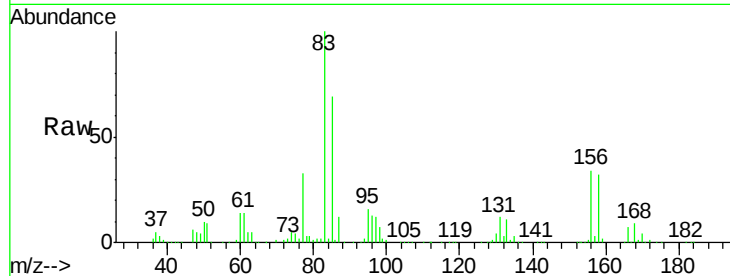
ClientSampleId :

VX0330MBS01

Tot Ion	83	Resp	84450
Ion Ratio	100	Lower	Upper
83	100		
131	11.3	5.0	14.9
85	66.2	32.5	97.5

Manual Integrations
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sam
4/4/2018 6:11:04 PM



#76

1,2,3-Trichloropropane

Concen: 19.37 ug/l m

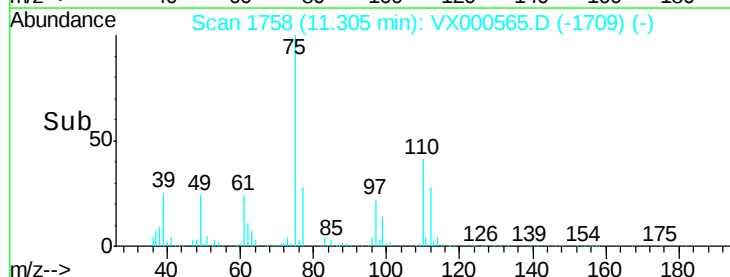
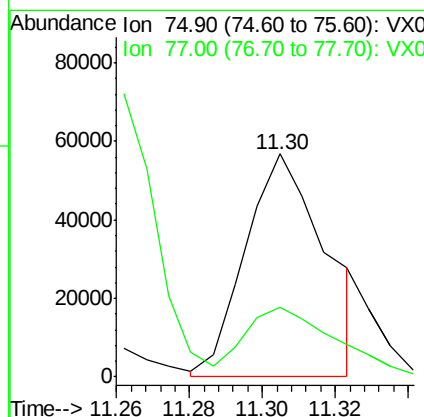
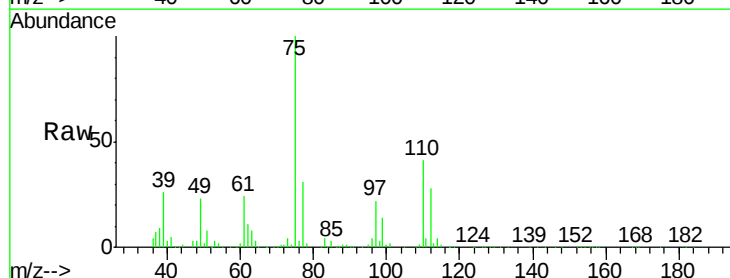
RT: 11.30 min Scan# 1758

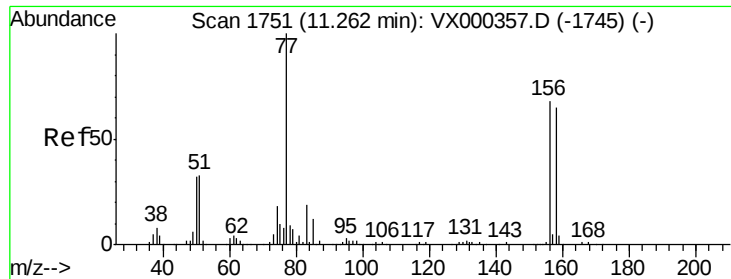
Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion	75	Resp	86185
Ion Ratio	100	Lower	Upper
75	100		
77	35.7	21.4	64.2





#77

Bromobenzene

Concen: 18.85 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

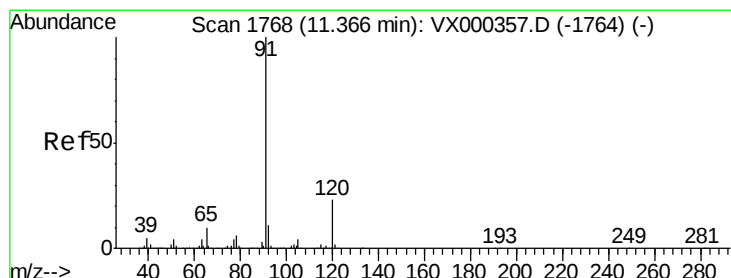
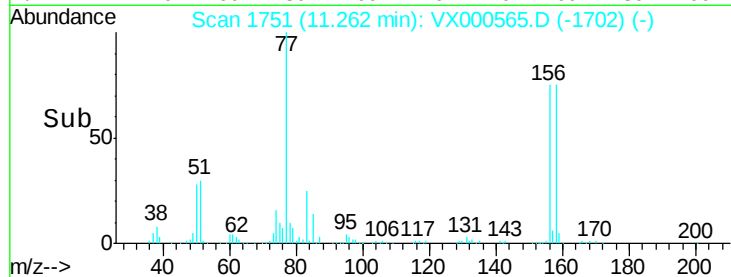
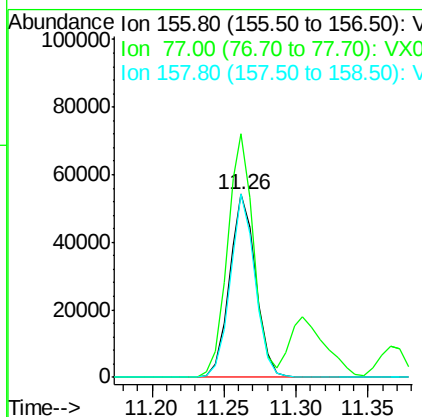
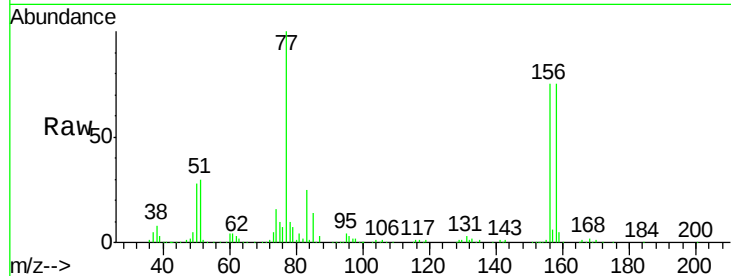
ClientSampleId :

VX0330MBS01

Tot Ion:	156	Resp:	68866
Ion Ratio	Lower	Upper	
156	100		
77	133.6	73.4	220.2
158	95.6	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 17.85 ug/l

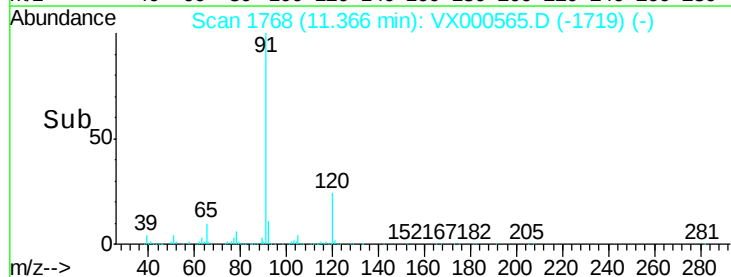
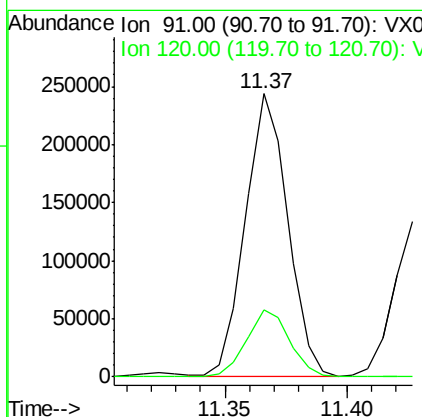
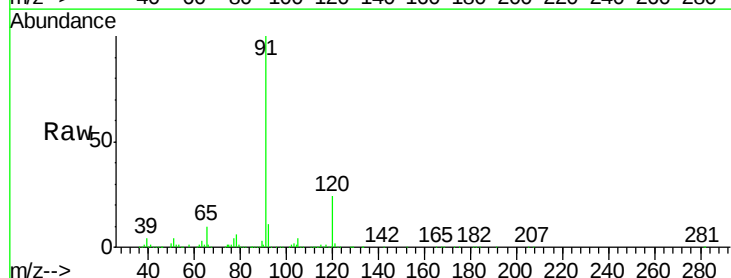
RT: 11.37 min Scan# 1768

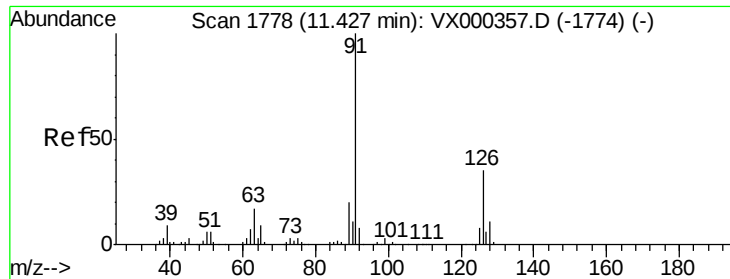
Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion:	91	Resp:	292046
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.8	35.3





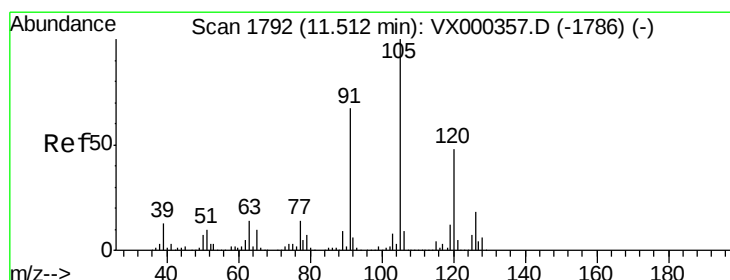
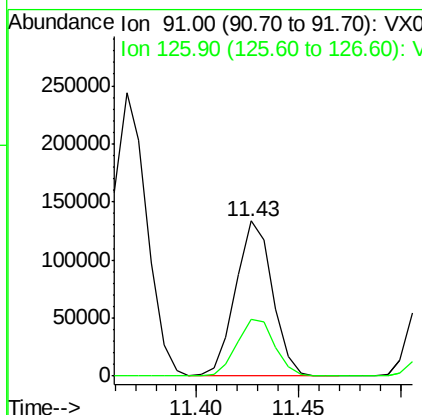
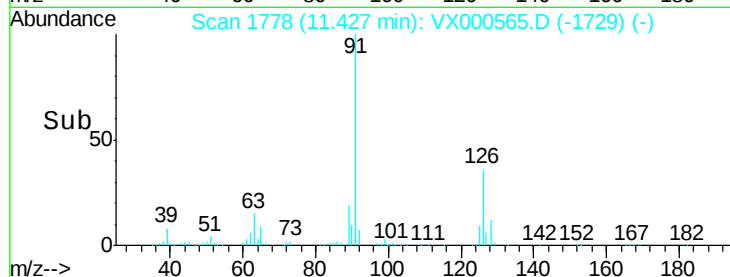
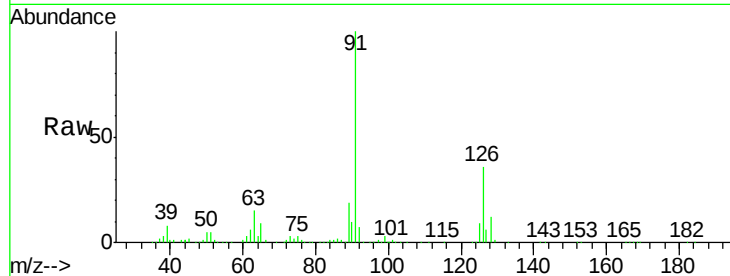
#79
 2-Chlorotoluene
 Concen: 17.63 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330MBS01

Tot Ion: 91 Resp: 166618
 Ion Ratio Lower Upper
 91 100
 126 37.8 17.7 53.1

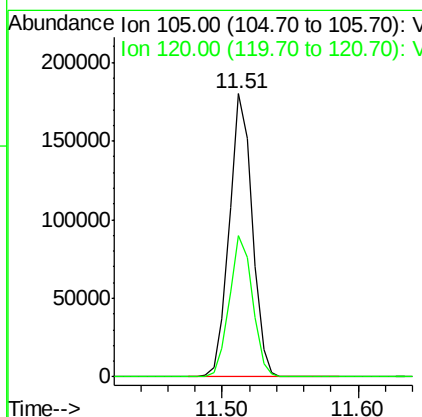
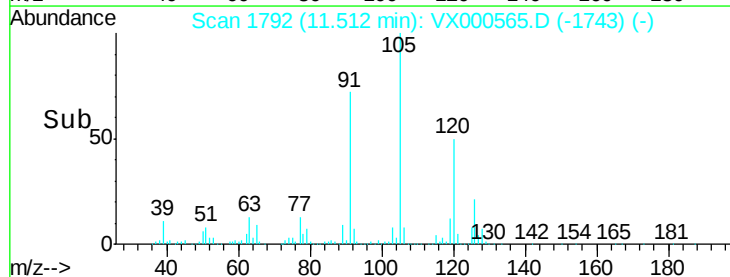
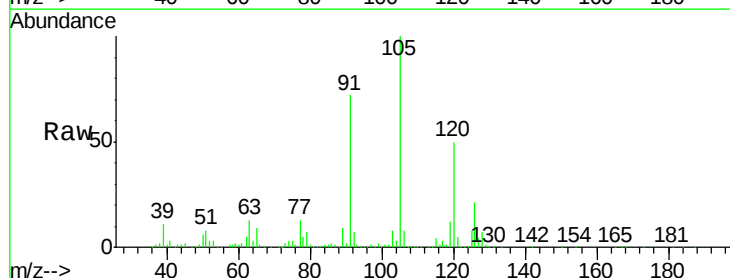
Manual Integrations
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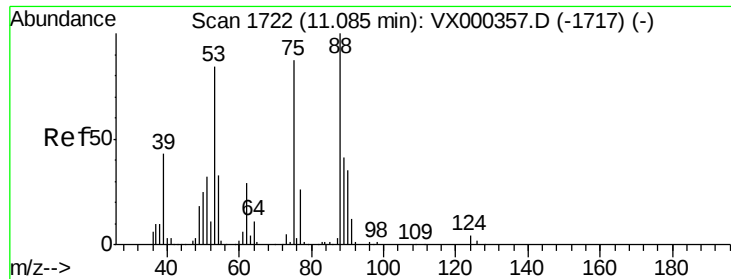
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion: 105 Resp: 210500
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.1 72.4





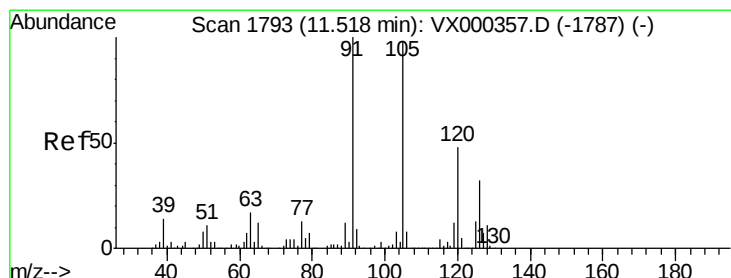
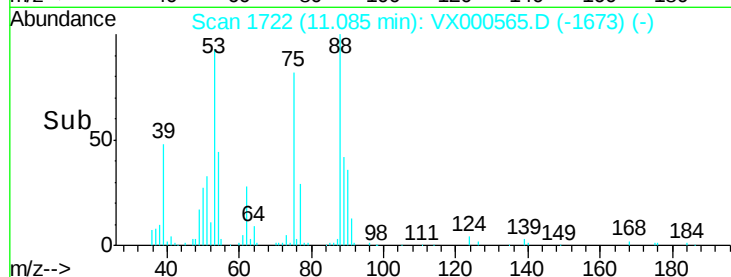
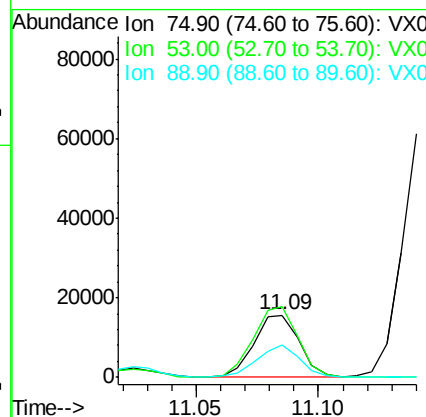
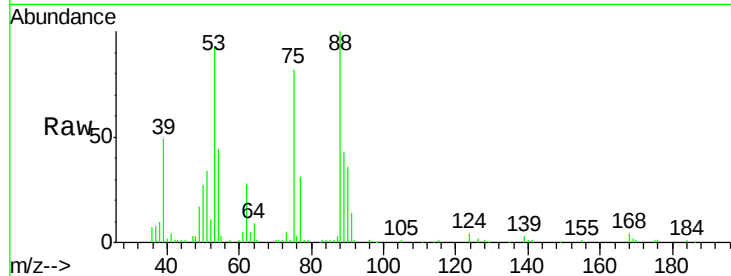
#81
trans-1,4-Dichloro-2-butene
Concen: 14.49 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.6	80.7	121.1
89	50.2	39.4	59.0

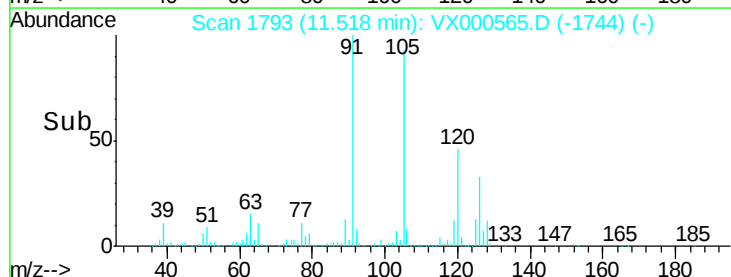
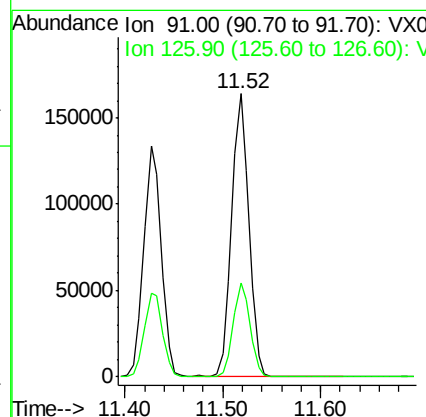
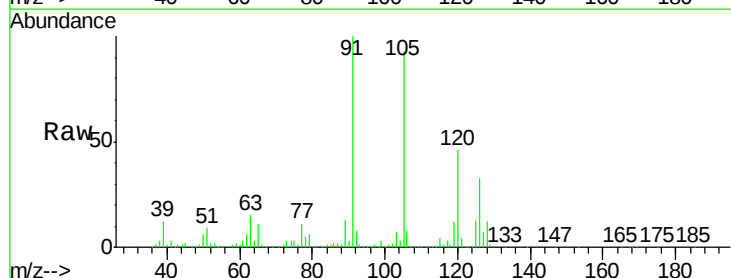
Manual Integrations
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#82
4-Chlorotoluene
Concen: 17.85 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	15.4	46.1





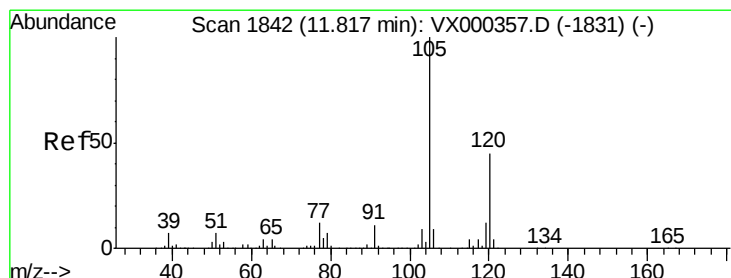
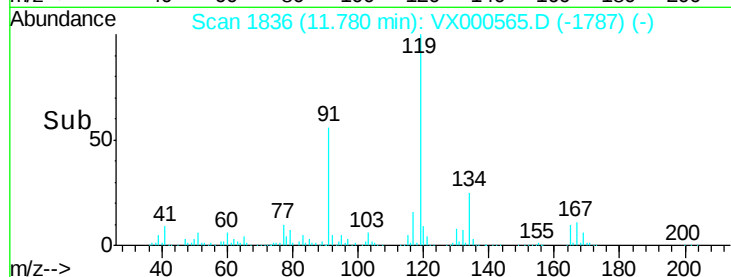
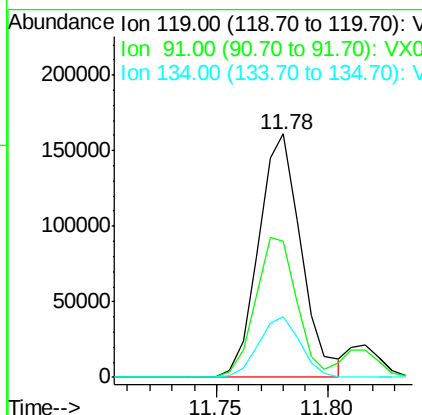
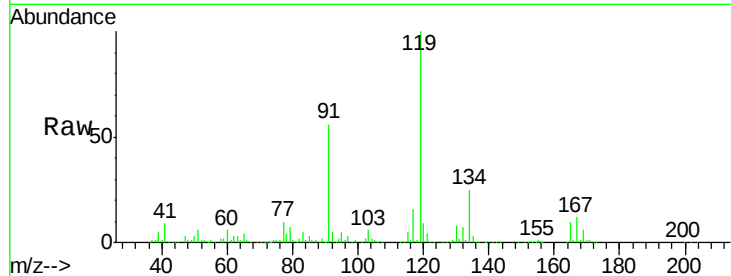
#83
 tert-Butylbenzene
 Concen: 18.38 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	213766		
91	56.0		28.8	86.4
134	24.3		11.4	34.1

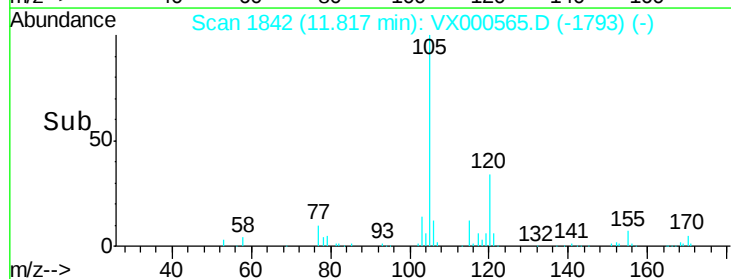
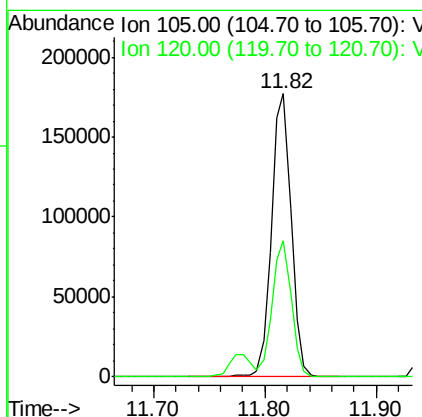
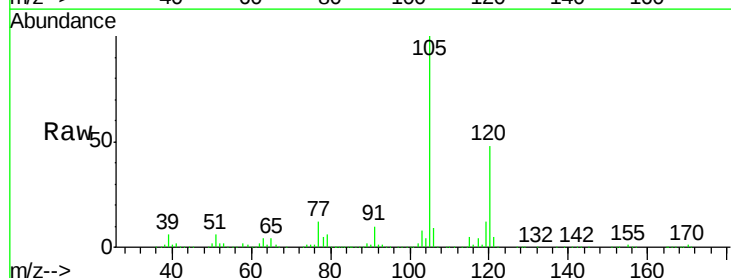
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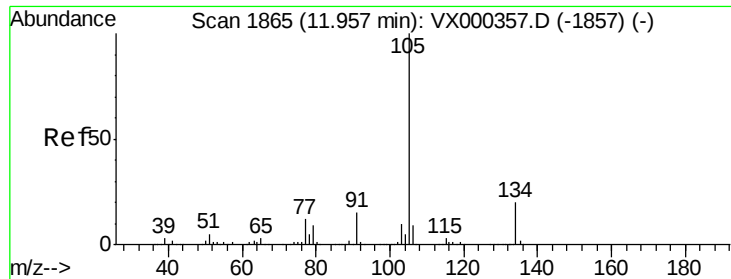
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.06 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218352		
120	46.9		22.4	67.3





#85

sec-Butylbenzene

Concen: 18.05 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

Tot Ion:105 Resp: 259834

Ion Ratio Lower Upper

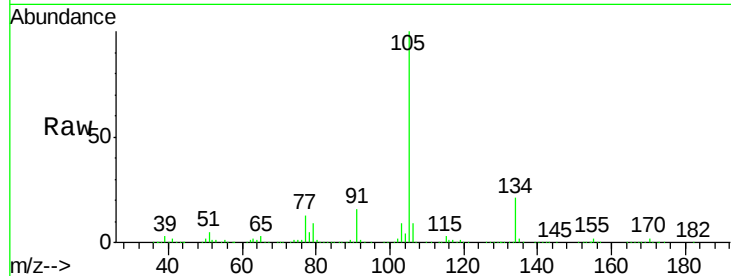
105 100

134 21.1 10.3 30.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

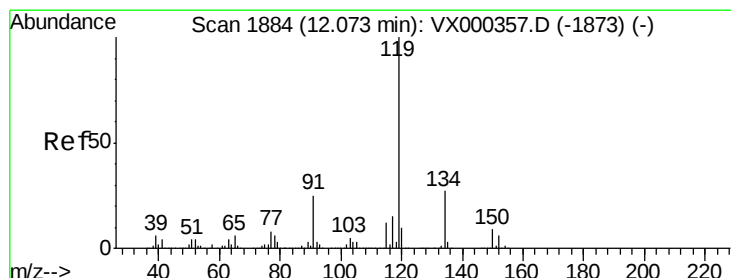
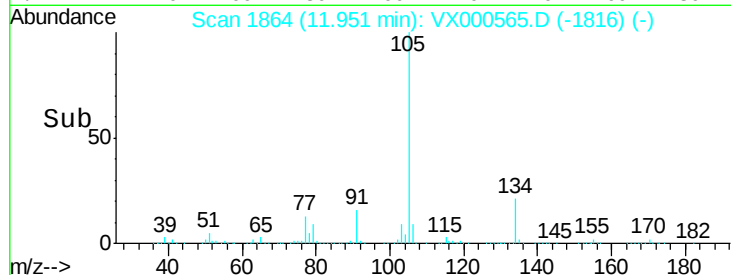
150000

100000

50000

0

Time--> 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.63 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

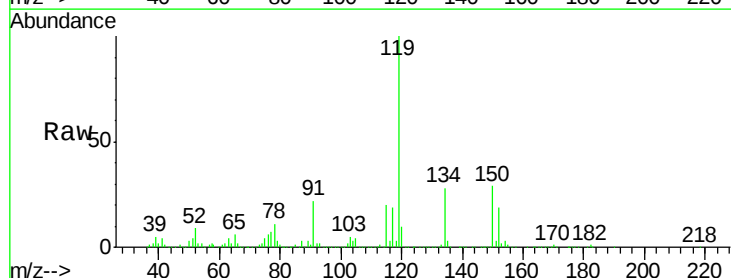
Tgt Ion:119 Resp: 238209

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 23.1 12.0 36.1



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): VX0

250000

200000

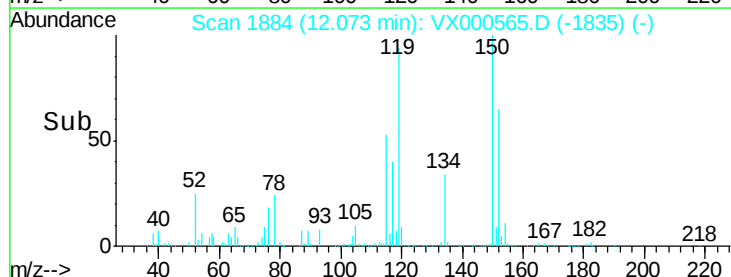
150000

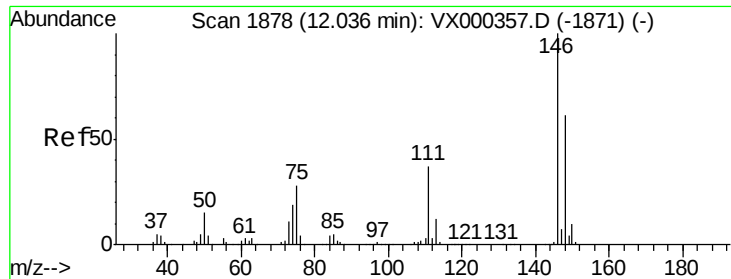
100000

50000

0

Time--> 12.00 12.10 12.20





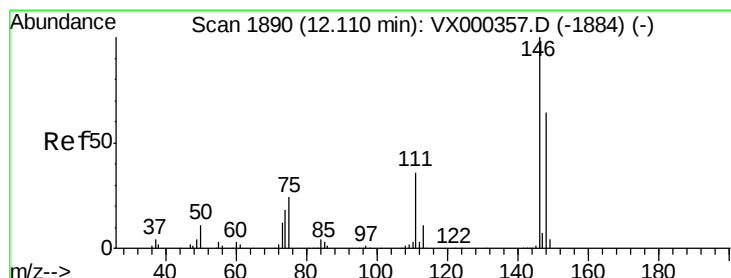
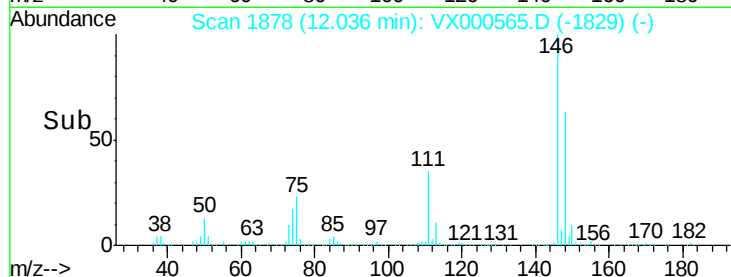
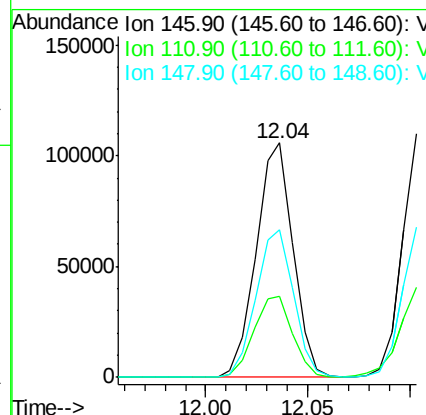
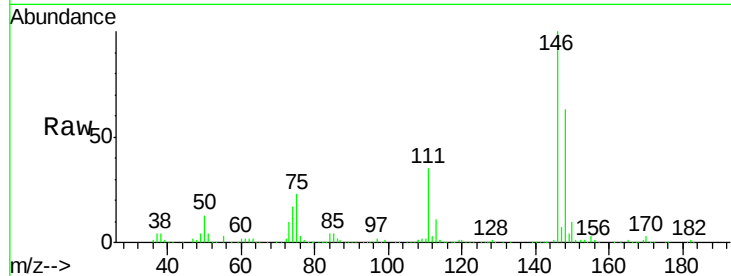
#87
 1,3-Dichlorobenzene
 Concen: 19.28 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.5	58.5
148	64.1	32.4	97.0

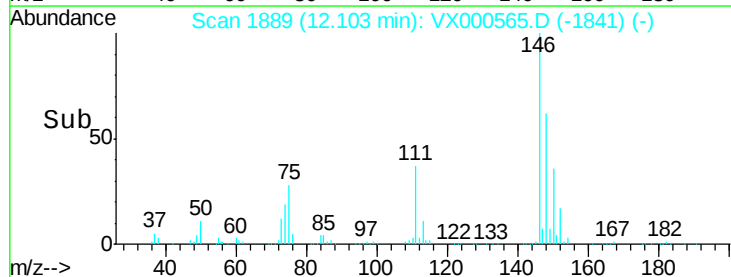
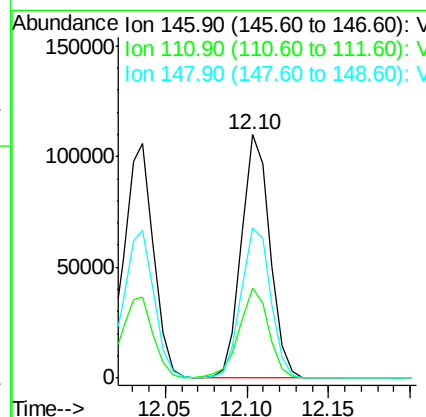
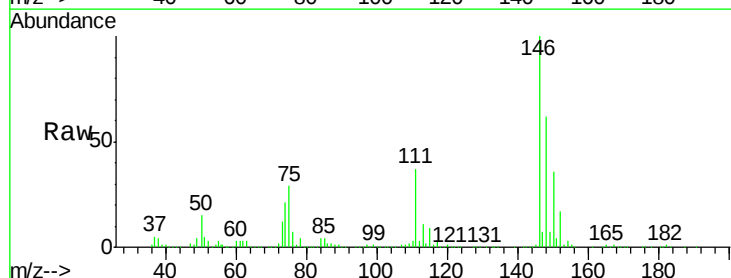
Manual Integrations
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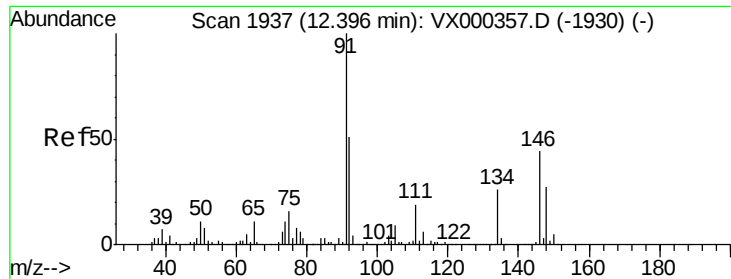
sam
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#88
 1,4-Dichlorobenzene
 Concen: 18.52 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.0	31.0	93.0





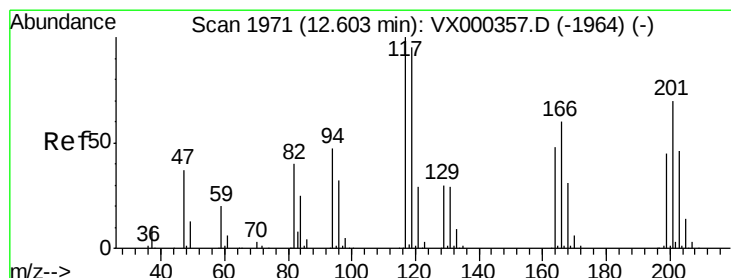
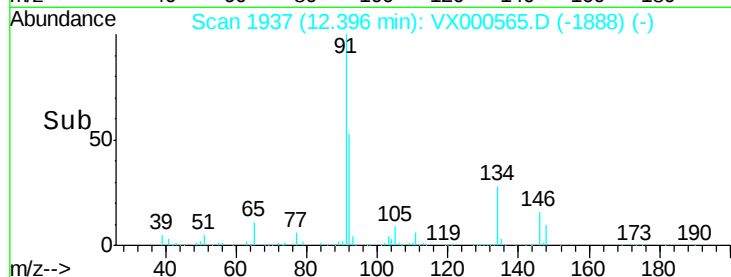
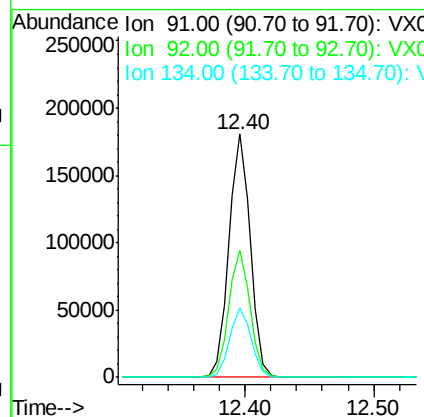
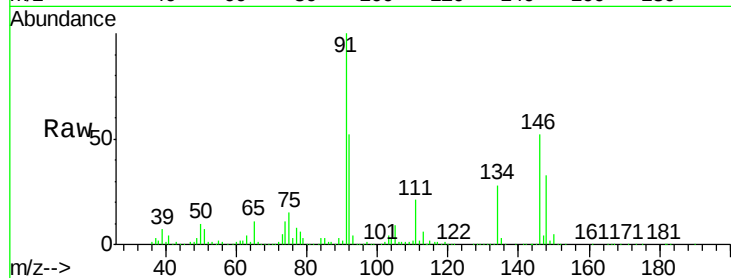
#89
n-Butylbenzene
Concen: 17.79 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		211697		
92	52.2	25.9	77.8		
134	28.6	13.1	39.3		

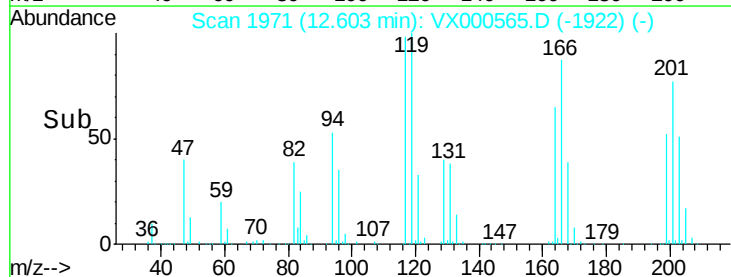
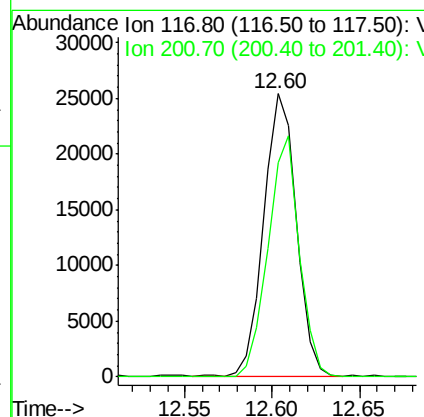
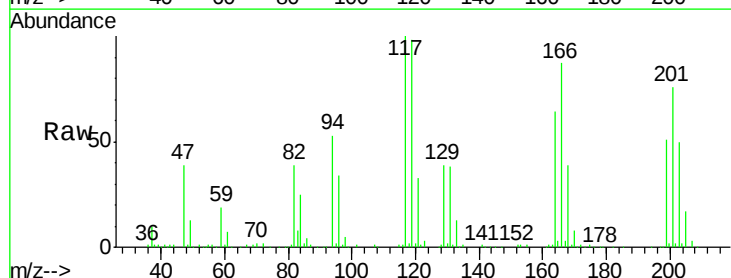
Manual Integrations
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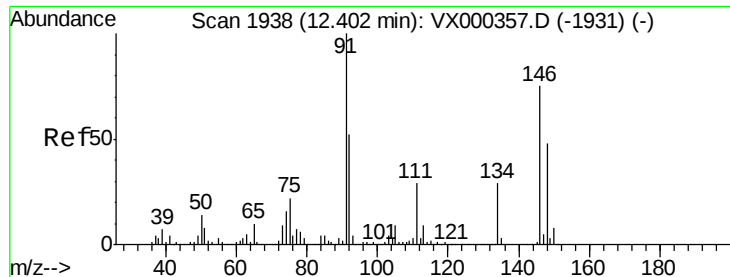
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#90
Hexachloroethane
Concen: 16.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		33127		
201	81.3	37.9	113.6		





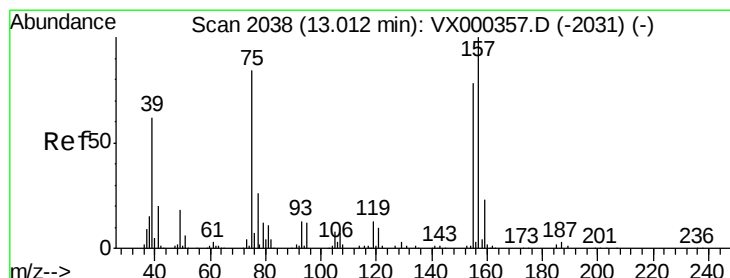
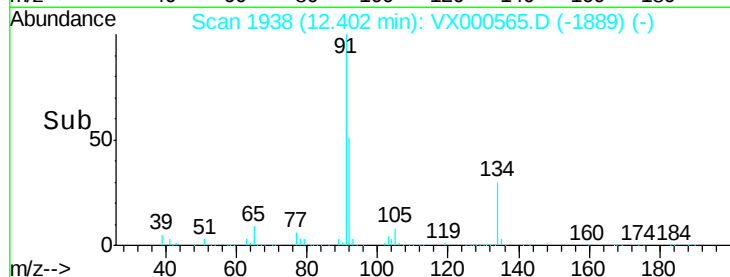
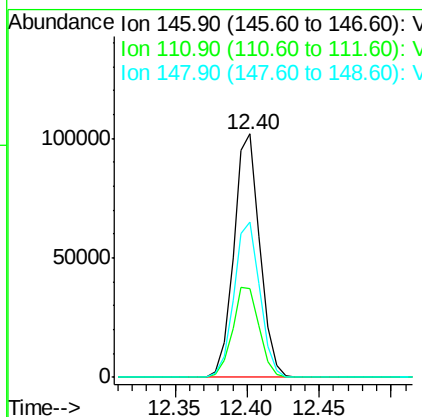
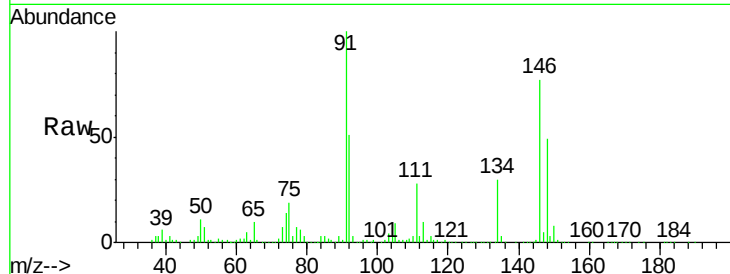
#91
 1,2-Dichlorobenzene
 Concen: 18.97 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128497		
111	38.4	20.1	60.2	
148	63.8	31.2	93.6	

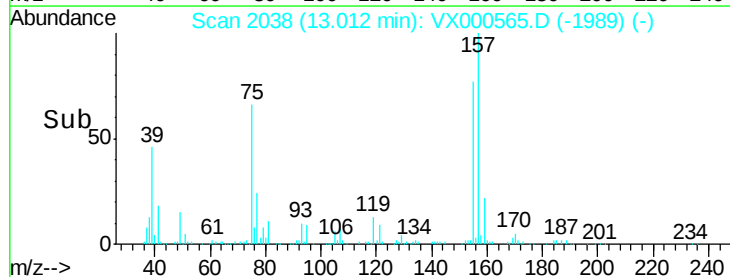
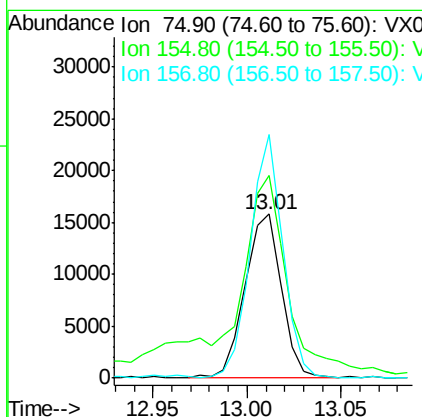
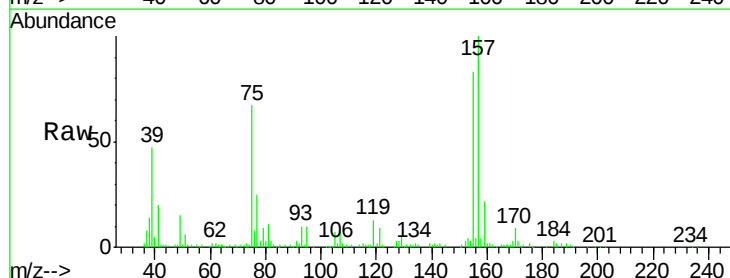
Manual Integrations
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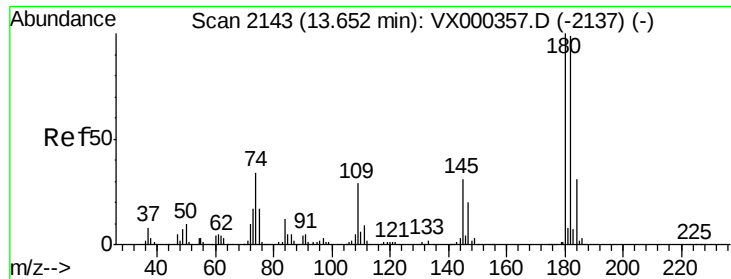
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.58 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21086		
155	205.1	45.0	134.8#	
157	133.3	58.1	174.2	





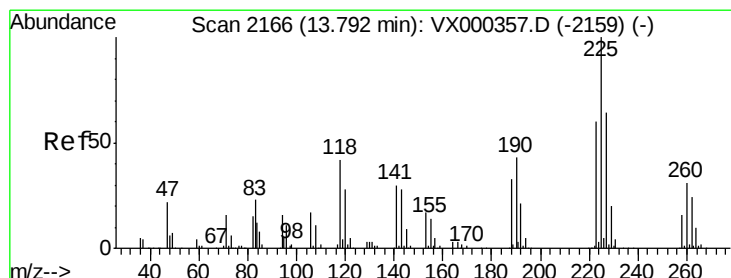
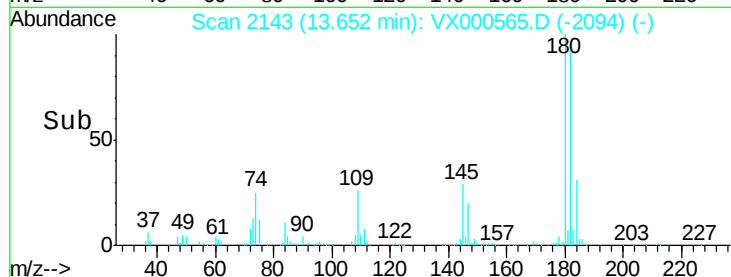
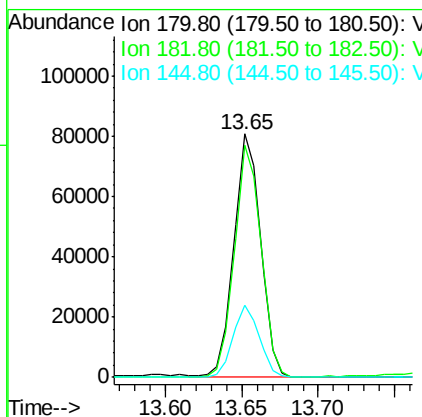
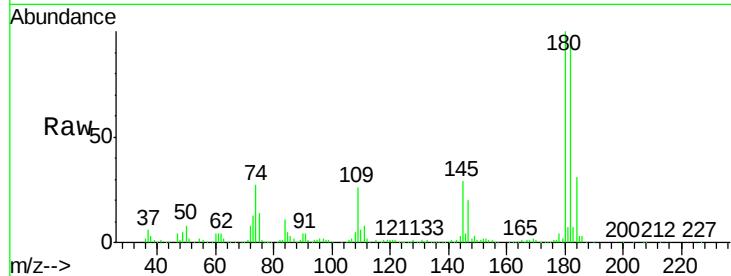
#93
 1,2,4-Trichlorobenzene
 Concen: 20.25 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.9
145	29.0	15.1	45.3

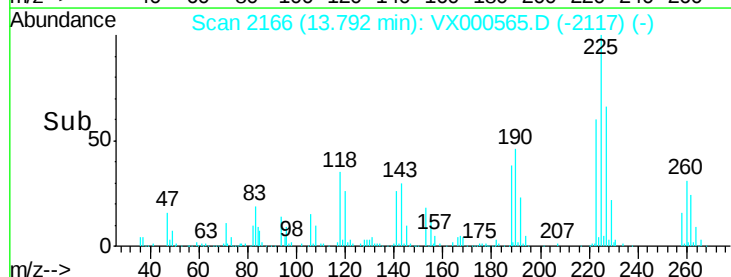
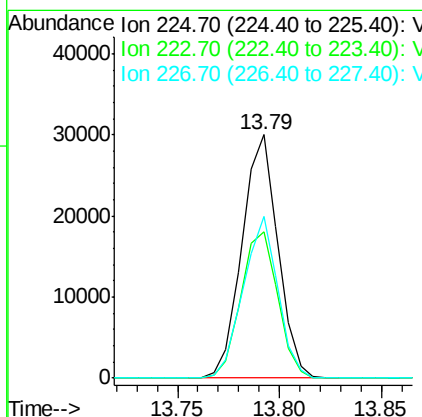
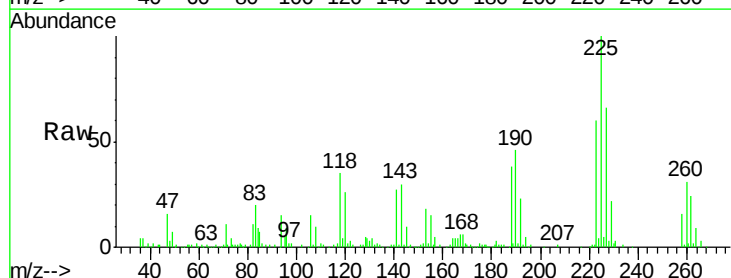
Manual Integrations
 APPROVED

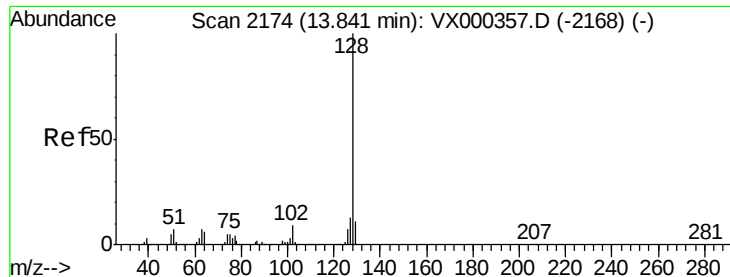
sam
 4/4/2018 6:11:04 PM



#94
 Hexachlorobutadiene
 Concen: 18.16 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.0	96.0
227	64.6	32.6	98.0





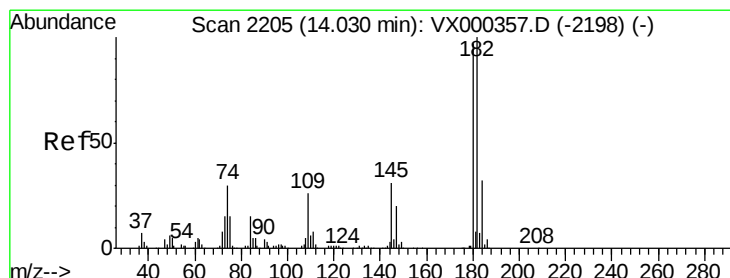
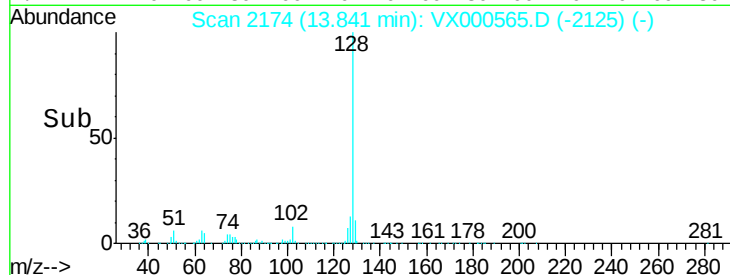
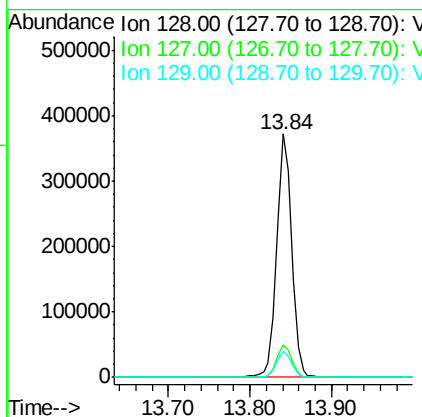
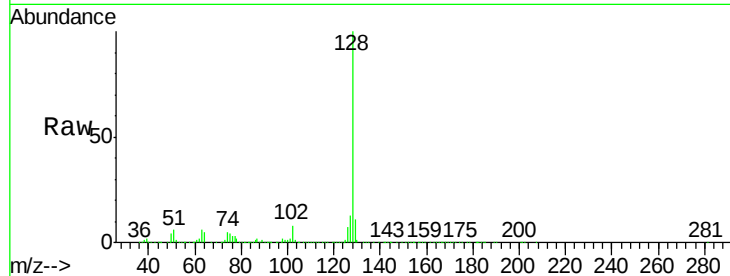
#95
Naphthalene
Concen: 27.46 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampled :
VX0330MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.9	13.3

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 20.47 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.4	142.3
145	30.6	15.8	47.3

