

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000667.D
 Acq On : 04 Apr 2018 20:01
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:22 PM

Quant Time: Apr 05 05:35:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	175185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102874	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	80425	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
35) Dibromofluoromethane	5.51	113	57026	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	8.73	98	234085	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.15	95	89895	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	26752	20.25	ug/l	94
3) Chloromethane	1.32	50	24437	21.61	ug/l	100
4) Vinyl Chloride	1.40	62	30493	20.57	ug/l	97
5) Bromomethane	1.64	94	27928	19.35	ug/l	98
6) Chloroethane	1.73	64	21689	19.88	ug/l	89
7) Trichlorofluoromethane	1.93	101	54656	20.79	ug/l	98
8) Diethyl Ether	2.19	74	19962	20.48	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29621	20.87	ug/l	98
10) Methyl Iodide	2.52	142	12583	19.05	ug/l	97
11) Tert butyl alcohol	3.08	59	65715	101.16	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26811	20.03	ug/l	98
13) Acrolein	2.30	56	36892	95.80	ug/l	98
14) Allyl chloride	2.73	41	52840	19.68	ug/l	97
15) Acrylonitrile	3.15	53	124800	104.16	ug/l	98
16) Acetone	2.45	43	138151	100.24	ug/l	97
17) Carbon Disulfide	2.57	76	61019	19.40	ug/l	99
18) Methyl Acetate	2.78	43	64689	21.05	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	104192	21.53	ug/l	99
20) Methylene Chloride	2.87	84	30288	19.27	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28243	19.46	ug/l	89
22) Diisopropyl ether	3.88	45	68839	18.02	ug/l	98
23) Vinyl Acetate	3.83	43	323247	87.51	ug/l	99
24) 1,1-Dichloroethane	3.70	63	48565	19.13	ug/l	99
25) 2-Butanone	4.71	43	142272	101.84	ug/l	97
26) 2,2-Dichloropropane	4.60	77	28534	20.53	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	22363	20.35	ug/l	99
28) Bromochloromethane	5.03	49	18922	19.89	ug/l	98
29) Tetrahydrofuran	5.18	42	87130	96.93	ug/l	99
30) Chloroform	5.23	83	42781	19.87	ug/l	96
31) Cyclohexane	5.58	56	30250	18.30	ug/l	# 95
32) 1,1,1-Trichloroethane	5.50	97	37409	21.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	30951	19.05	ug/l	95
37) Ethyl Acetate	4.87	43	47057	19.03	ug/l	99
38) Carbon Tetrachloride	5.79	117	30898	19.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35450	18.87	ug/l	97
40) Benzene	6.15	78	91784	19.78	ug/l	97
41) Methacrylonitrile	5.07	41	25601	18.90	ug/l	98
42) 1,2-Dichloroethane	6.21	62	38760	19.97	ug/l	98
43) Isopropyl Acetate	6.48	43	68889	19.21	ug/l	100
44) Trichloroethene	7.22	130	24437	19.06	ug/l	98
45) 1,2-Dichloropropane	7.52	63	24924	19.92	ug/l	96
46) Dibromomethane	7.67	93	18460	20.10	ug/l	99
47) Bromodichloromethane	7.91	83	34058	19.50	ug/l #	99
48) Methyl methacrylate	7.79	41	33651	18.31	ug/l	98
49) 1,4-Dioxane	7.77	88	13757	353.19	ug/l	93
51) 4-Methyl-2-Pentanone	8.66	43	284606	97.59	ug/l	100
52) Toluene	8.79	92	63313	19.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	38466	20.38	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	37564	19.58	ug/l	90
55) 1,1,2-Trichloroethane	9.23	97	26193	19.16	ug/l	98
56) Ethyl methacrylate	9.19	69	40708	19.33	ug/l	98
57) 1,3-Dichloropropane	9.38	76	45482	20.31	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	101895	106.25	ug/l	99
59) 2-Hexanone	9.51	43	243591	98.22	ug/l	99
60) Dibromochloromethane	9.59	129	26180	18.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	28796	19.53	ug/l	98
64) Tetrachloroethene	9.34	164	22686	19.66	ug/l	96
65) Chlorobenzene	10.15	112	72086	19.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	24612	20.00	ug/l	96
67) Ethyl Benzene	10.26	91	129284	20.25	ug/l	94
68) m/p-Xylenes	10.37	106	97715	40.61	ug/l	99
69) o-Xylene	10.71	106	47577	20.08	ug/l	100
70) Styrene	10.72	104	80818	20.23	ug/l	99
71) Bromoform	10.87	173	20022	19.23	ug/l #	100
73) Isopropylbenzene	11.02	105	132142	21.25	ug/l	100
74) N-amyl acetate	6.48	43	68889	20.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	49801	21.04	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	46703m	20.81	ug/l	
77) Bromobenzene	11.26	156	30774	19.79	ug/l	95
78) n-propylbenzene	11.37	91	164953	21.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	92523	21.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	114296	21.52	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12880	20.58	ug/l	91
82) 4-Chlorotoluene	11.52	91	113341	21.02	ug/l	99
83) tert-Butylbenzene	11.78	119	110800	21.40	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	119224	21.46	ug/l	100
85) sec-Butylbenzene	11.95	105	143257	21.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	125043	21.84	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	62223	20.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	67378	20.33	ug/l	98
89) n-Butylbenzene	12.40	91	124151	21.26	ug/l	100
90) Hexachloroethane	12.60	117	19089	19.63	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	64108	20.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14195	21.01	ug/l	99

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MSVOA_X
ClientSampleId :
VX0404WBS01

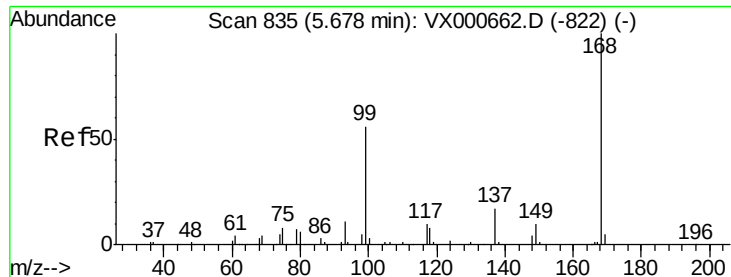
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45030	21.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	15852	19.46	ug/l	97
95) Naphthalene	13.84	128	167387	21.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	44135	20.62	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion:168 Resp: 98599

Ion Ratio Lower Upper

168 100

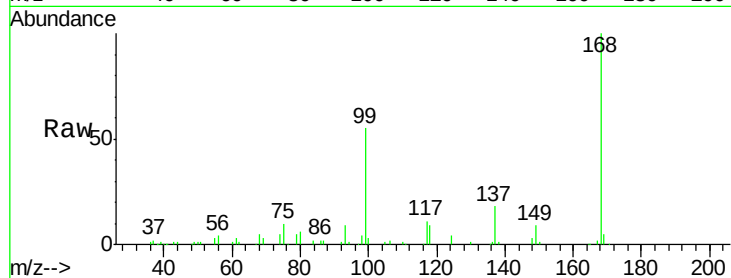
99 54.5 44.7 67.1

Manual Integrations

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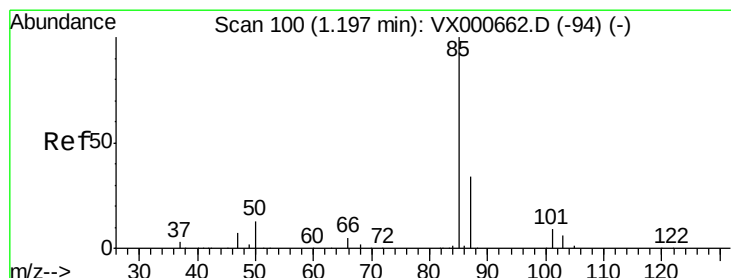
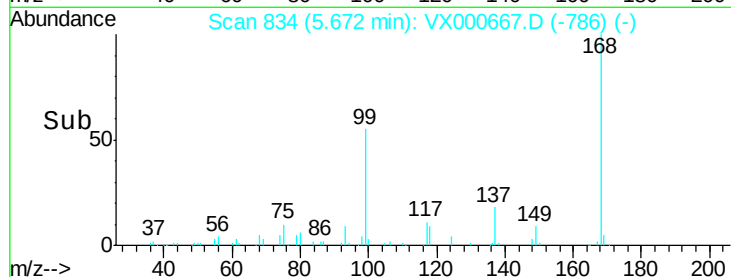
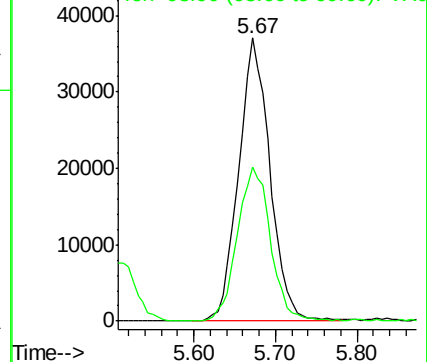
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000667.D

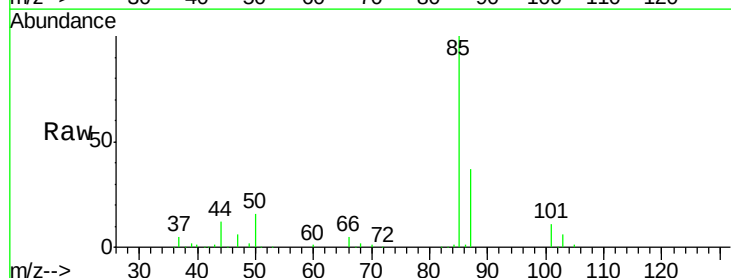
Acq: 04 Apr 2018 20:01

Tgt Ion: 85 Resp: 26752

Ion Ratio Lower Upper

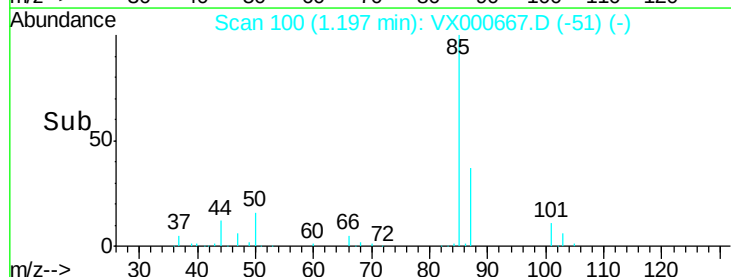
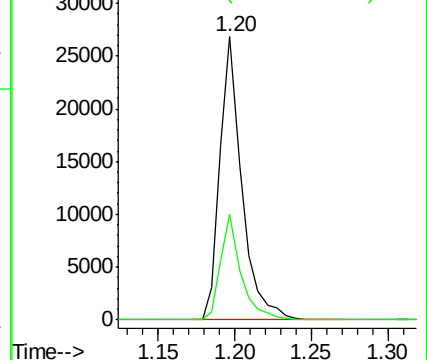
85 100

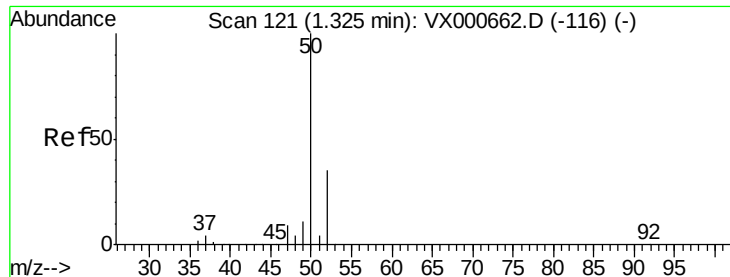
87 37.3 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 50 Resp: 24437

Ion Ratio Lower Upper

50 100

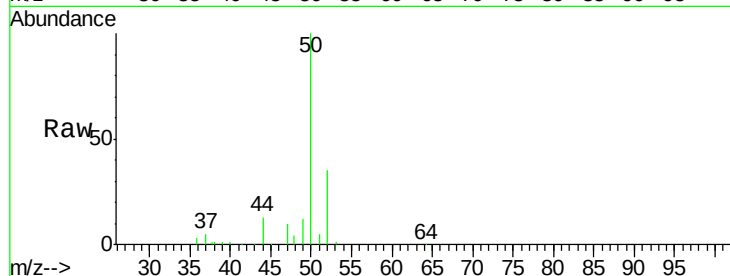
52 35.0 28.0 42.0

Manual Integrations

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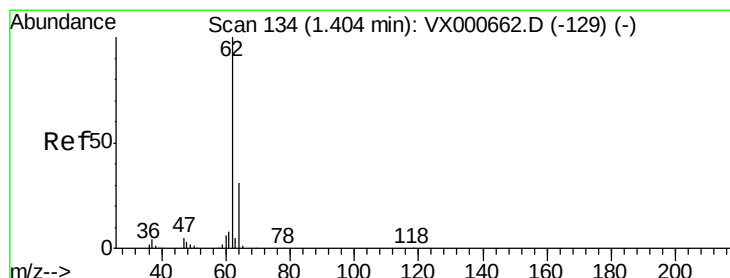
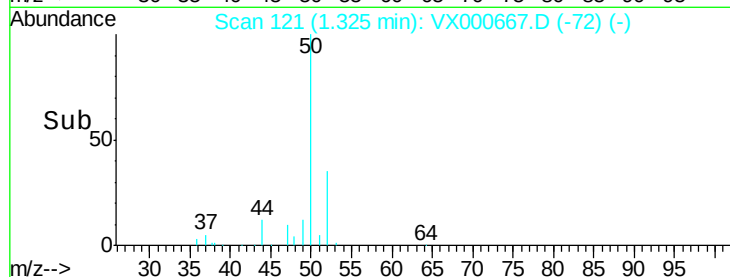
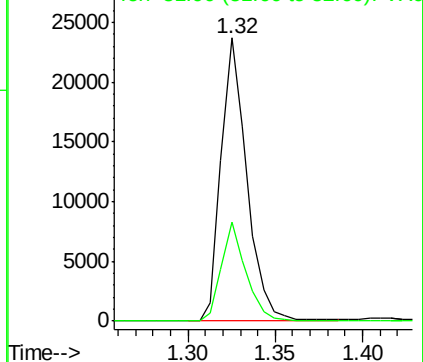
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000667.D

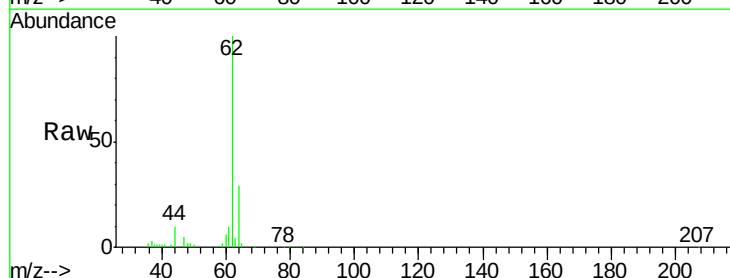
Acq: 04 Apr 2018 20:01

Tgt Ion: 62 Resp: 30493

Ion Ratio Lower Upper

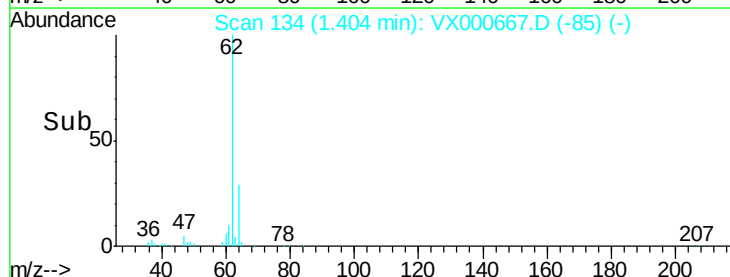
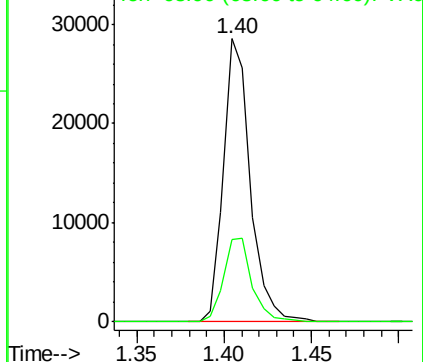
62 100

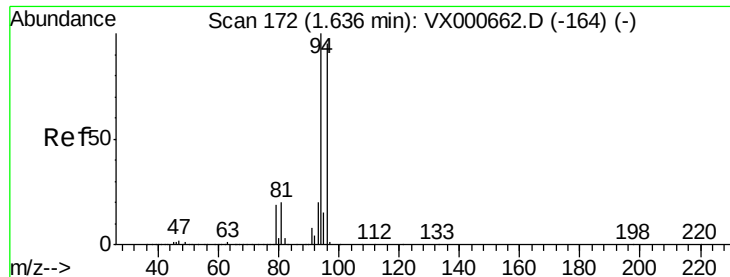
64 29.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.35 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 94 Resp: 27928

Ion Ratio Lower Upper

94 100

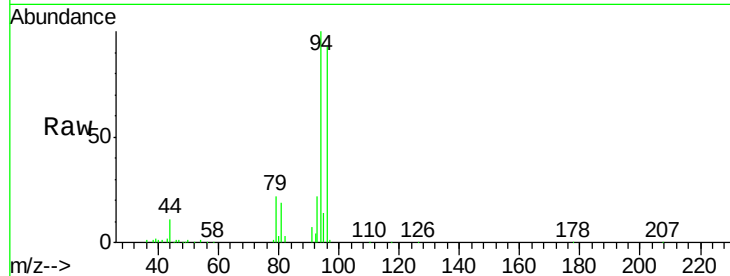
96 93.4 76.3 114.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

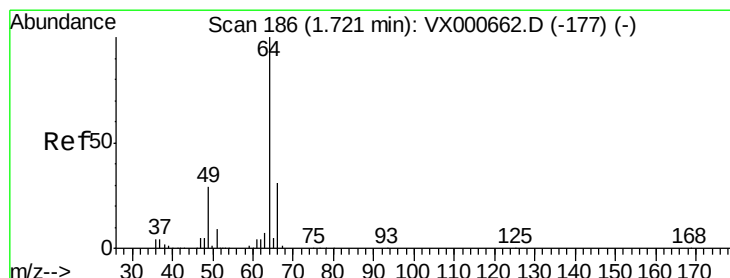
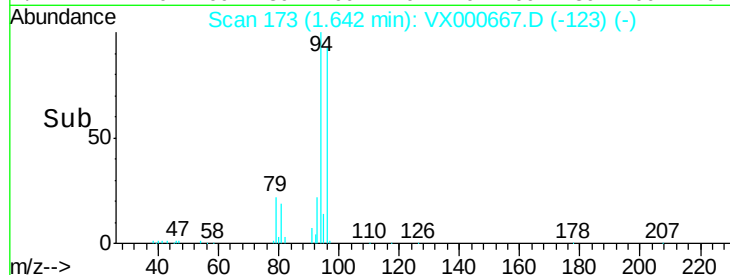
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.88 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000667.D

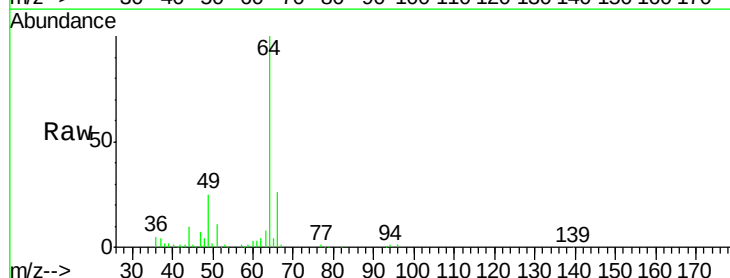
Acq: 04 Apr 2018 20:01

Tgt Ion: 64 Resp: 21689

Ion Ratio Lower Upper

64 100

66 25.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

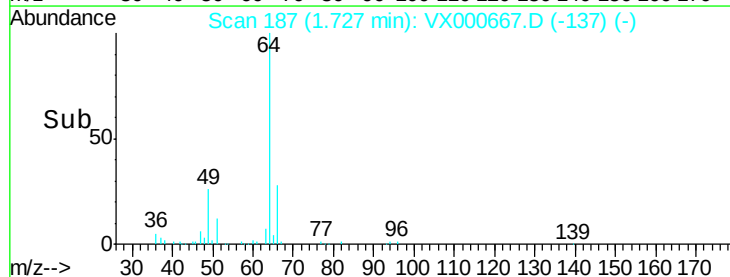
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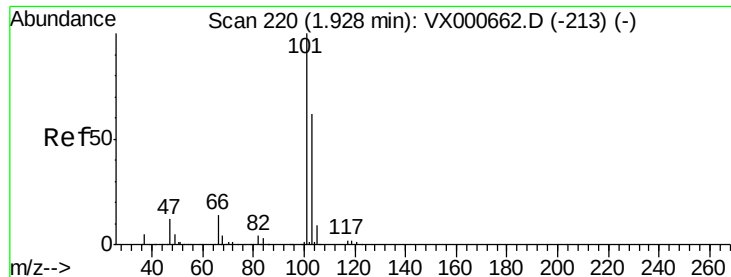
5000

0

Time-->

1.65 1.70 1.75 1.80





#7

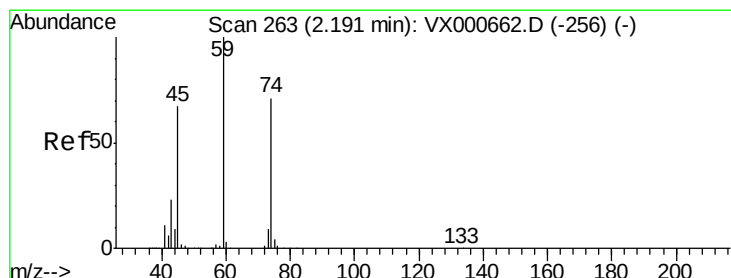
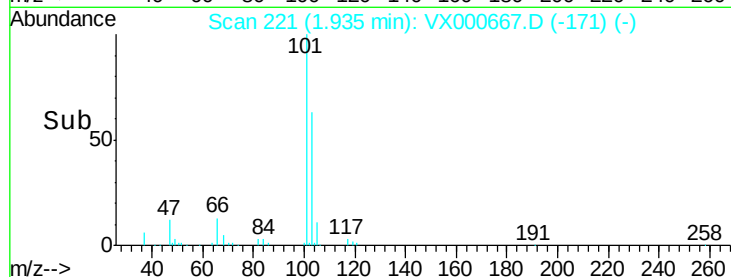
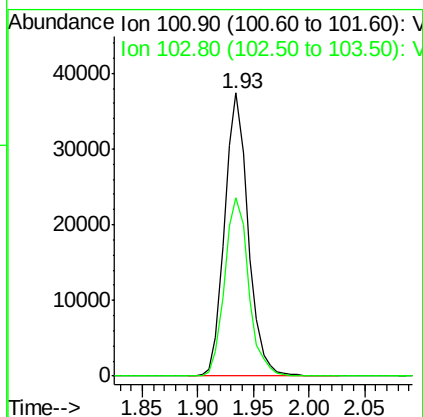
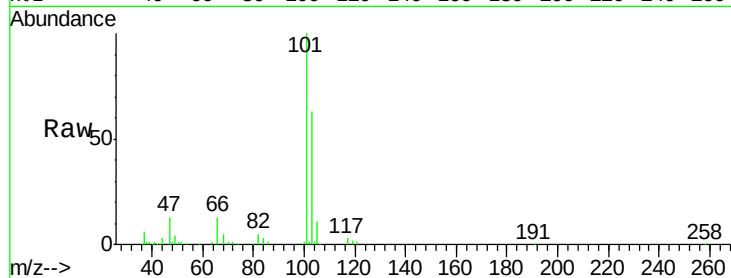
Trichlorofluoromethane
 Concen: 20.79 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	49.4	74.0

Manual Integrations
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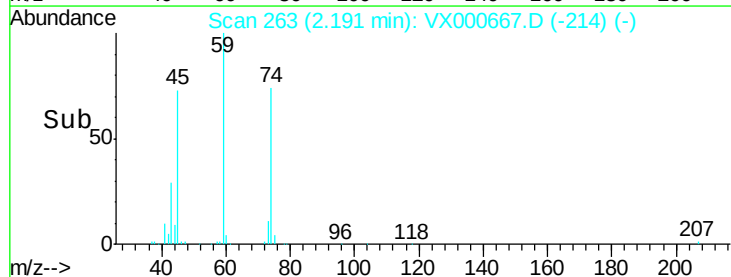
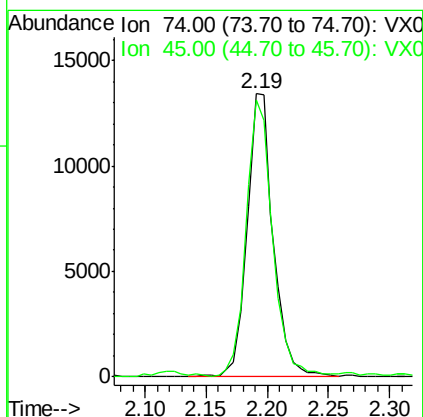
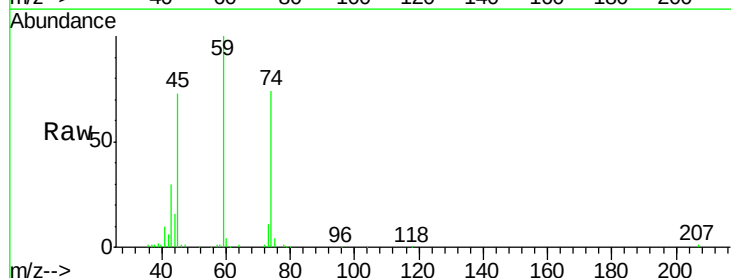
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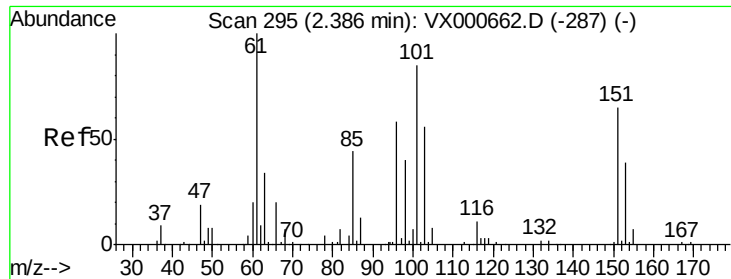


#8

Diethyl Ether
 Concen: 20.48 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	47.9	143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

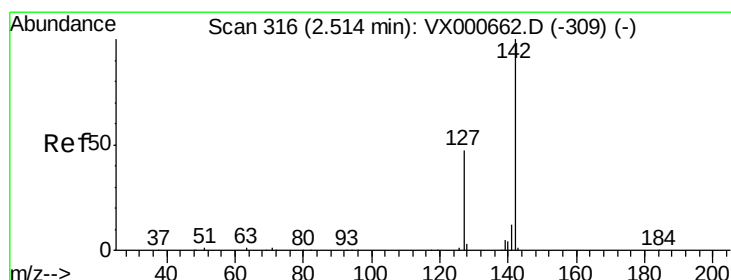
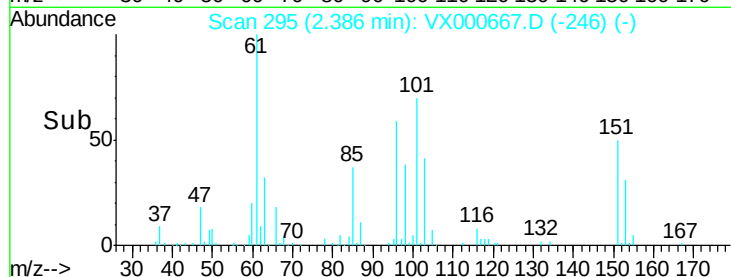
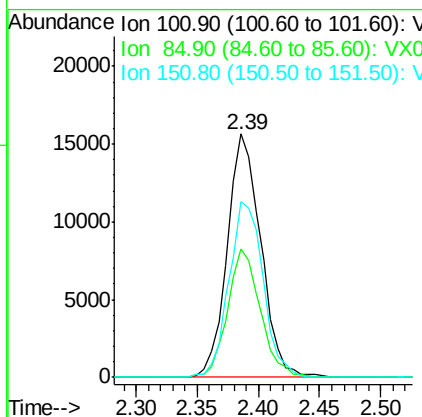
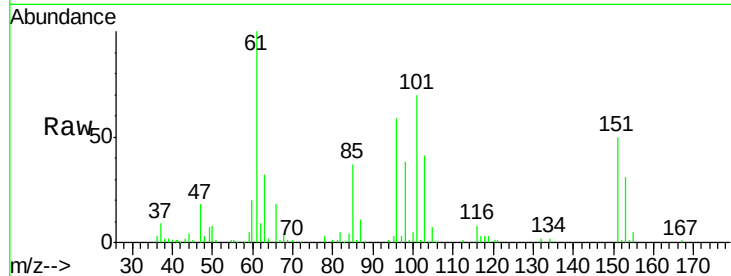
ClientSampled :

VX0404WBS01

Tot Ion:	101	Resp:	29621
Ion Ratio	Lower	Upper	
101	100		
85	51.5	40.0	60.0
151	73.7	57.4	86.2

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 19.05 ug/l

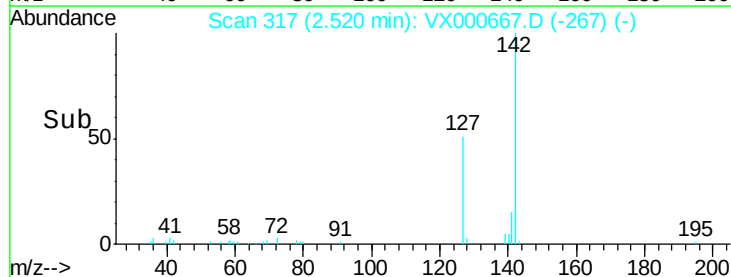
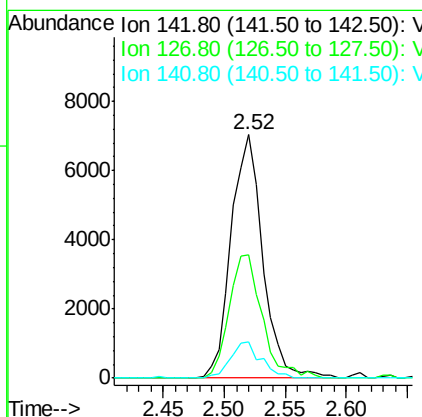
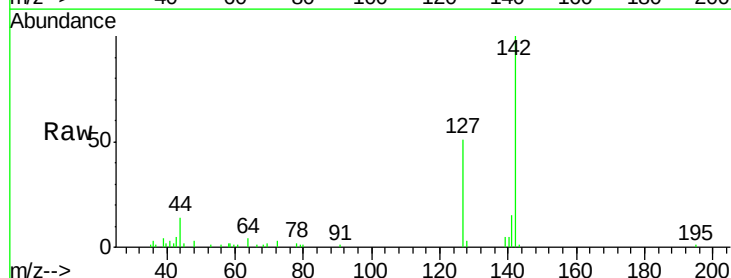
RT: 2.52 min Scan# 317

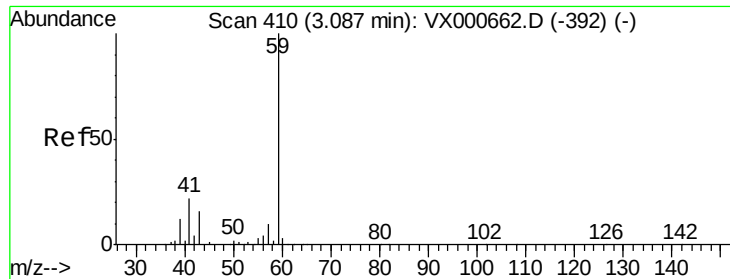
Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion:	142	Resp:	12583
Ion Ratio	Lower	Upper	
142	100		
127	52.9	40.7	61.1
141	14.5	11.1	16.7





#11

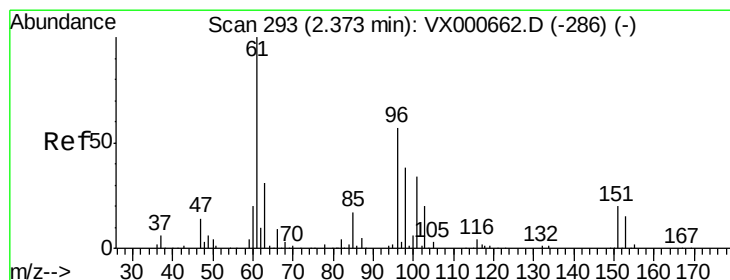
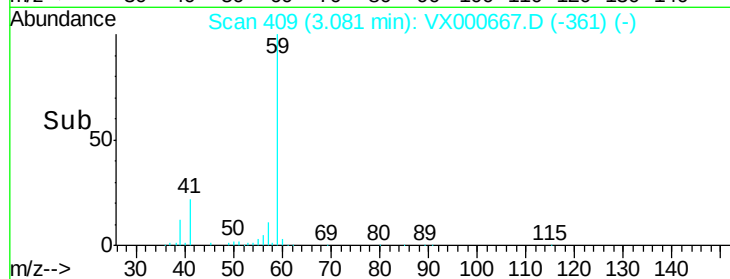
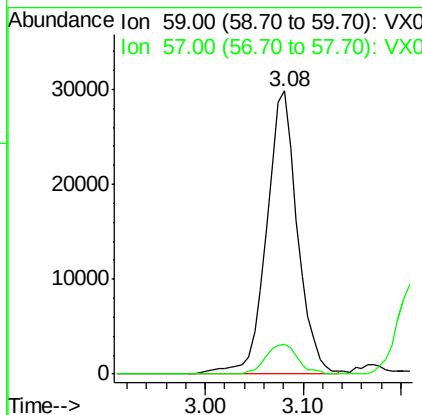
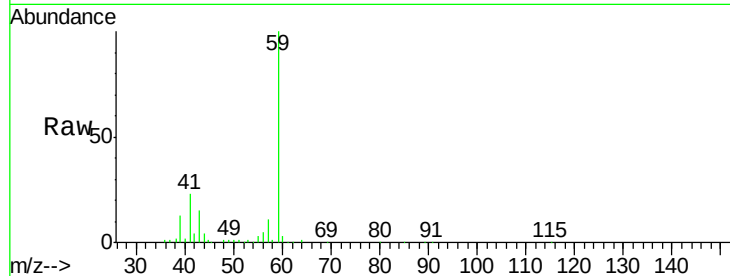
Tert butyl alcohol
 Concen: 101.16 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion	59	Resp	65715
Ion Ratio	100	Lower	Upper
57	11.3	8.5	12.7

Manual Integrations
 APPROVED

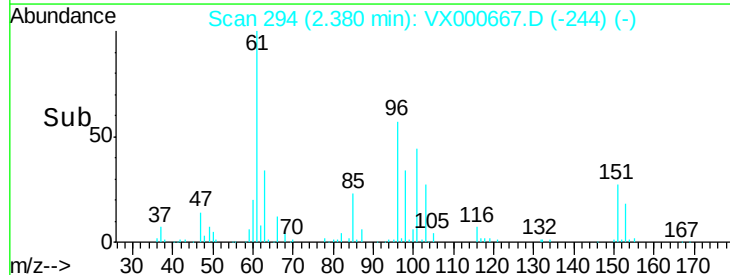
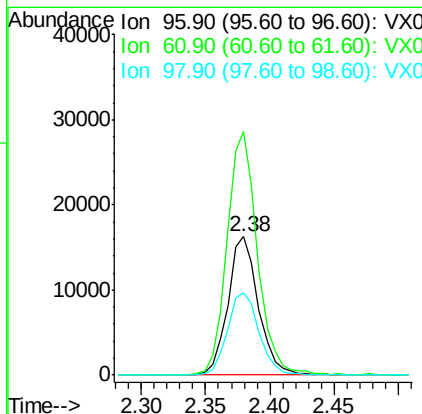
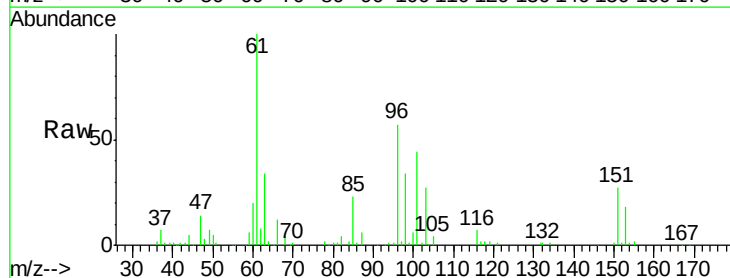
sam
 4/5/2018 6:25:22 PM

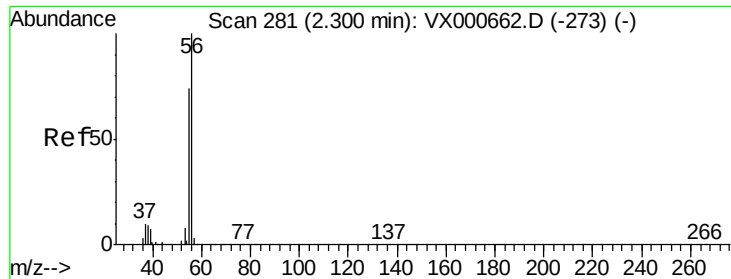


#12

1,1-Dichloroethene
 Concen: 20.03 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	96	Resp	26811
Ion Ratio	100	Lower	Upper
61	175.9	140.2	210.2
98	60.0	52.6	79.0





#13

Acrolein

Concen: 95.80 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 56 Resp: 36892

Ion Ratio Lower Upper

56 100

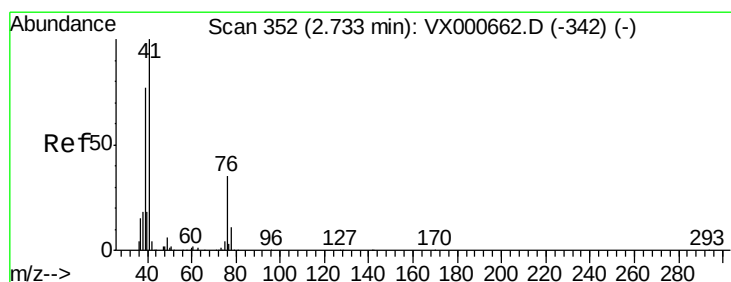
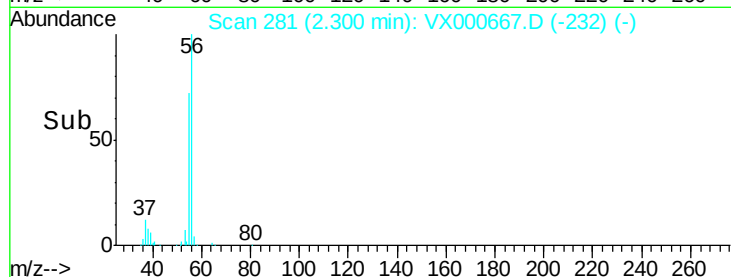
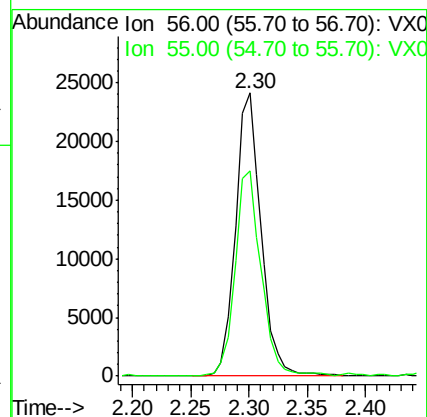
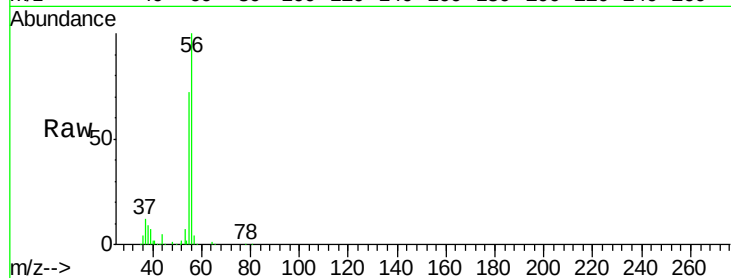
55 74.3 58.1 87.1

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 19.68 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

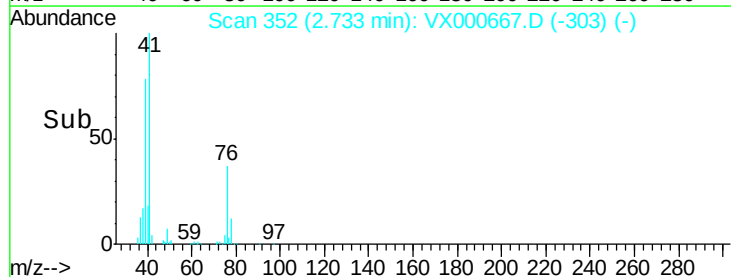
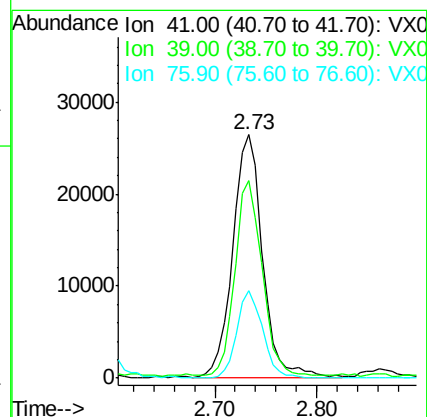
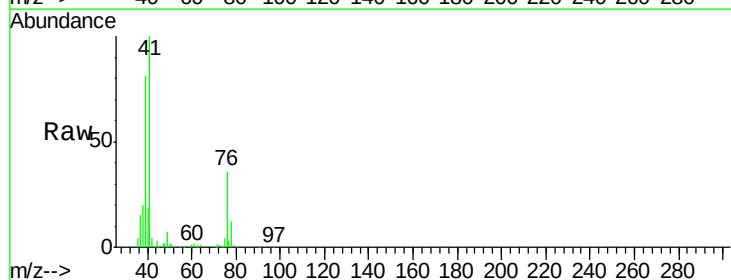
Tgt Ion: 41 Resp: 52840

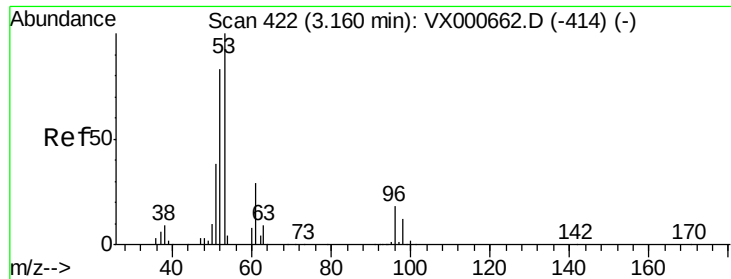
Ion Ratio Lower Upper

41 100

39 73.3 57.0 85.6

76 31.5 23.9 35.9





#15

Acrylonitrile

Concen: 104.16 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

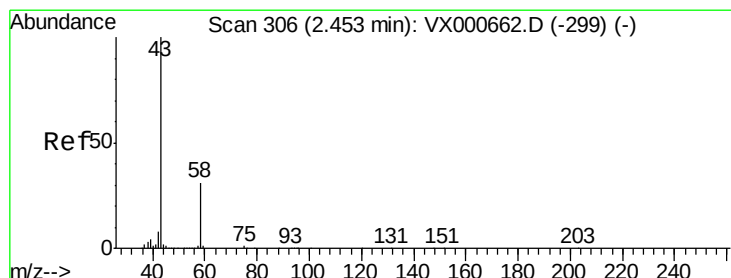
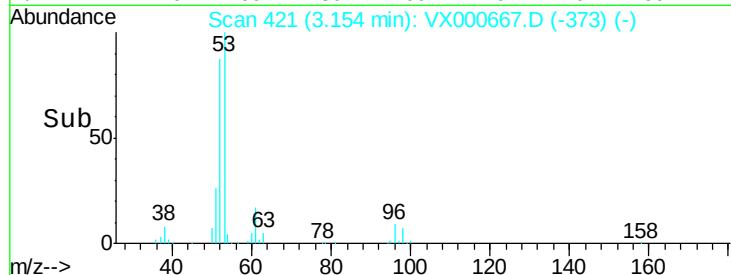
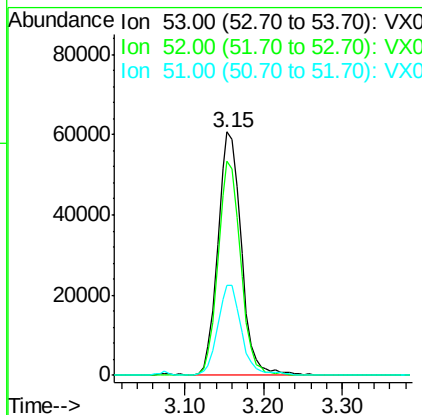
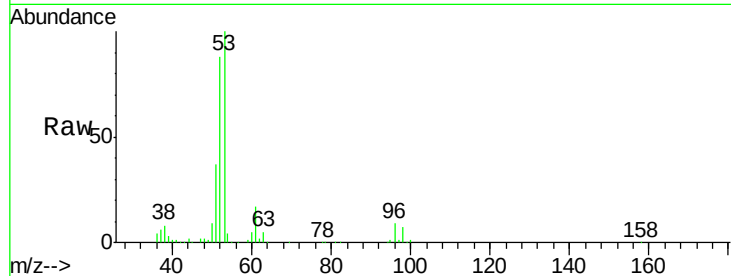
ClientSampled :

VX0404WBS01

Tot Ion:	53	Resp:	124800
Ion Ratio		Lower	Upper
53	100		
52	85.5	66.5	99.7
51	38.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 100.24 ug/l

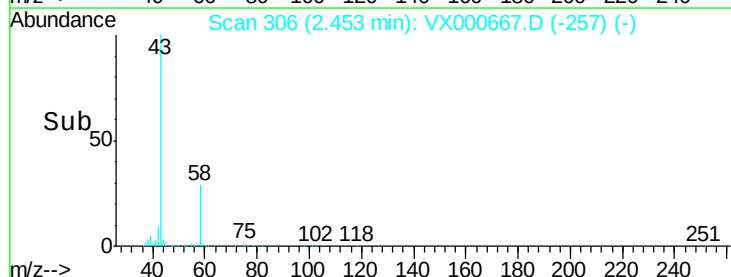
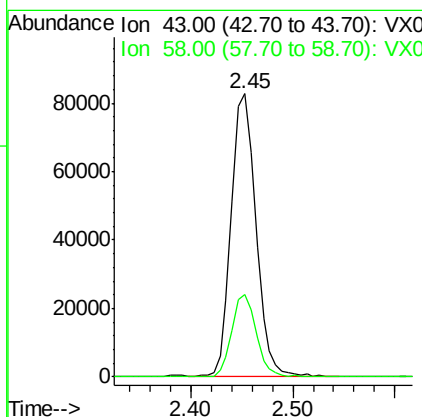
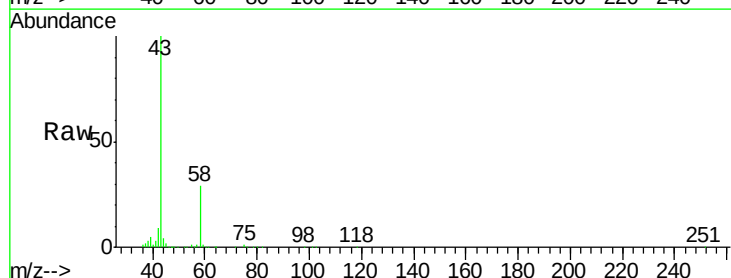
RT: 2.45 min Scan# 306

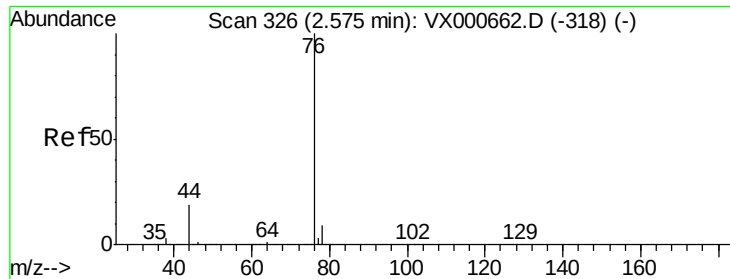
Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion:	43	Resp:	138151
Ion Ratio		Lower	Upper
43	100		
58	29.2	24.7	37.1





#17

Carbon Disulfide

Concen: 19.40 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion: 76 Resp: 61019

Ion Ratio Lower Upper

76 100

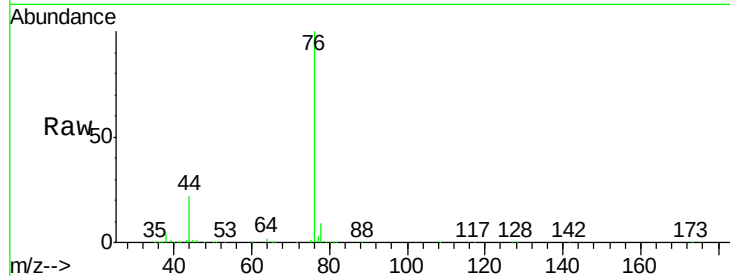
78 9.2 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

40000

30000

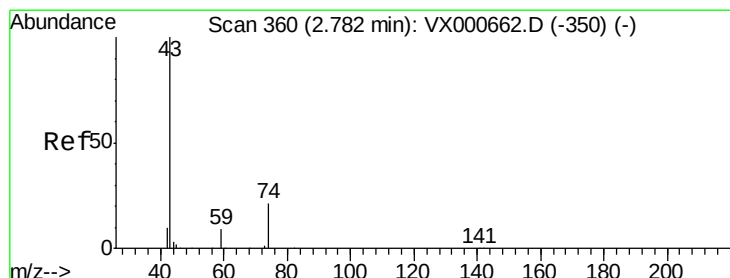
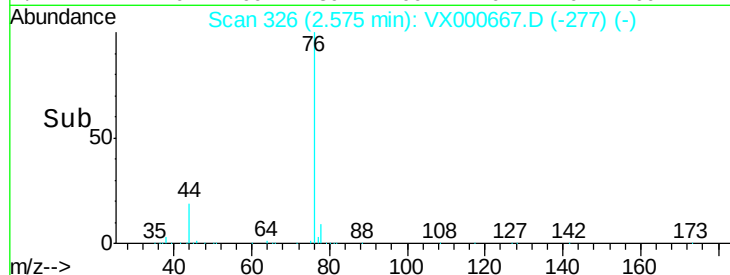
20000

10000

0

2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 21.05 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000667.D

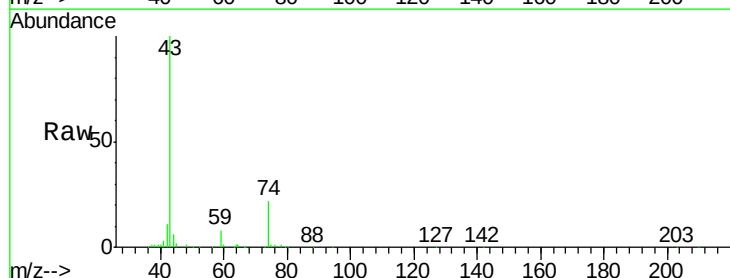
Acq: 04 Apr 2018 20:01

Tgt Ion: 43 Resp: 64689

Ion Ratio Lower Upper

43 100

74 22.4 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

40000

30000

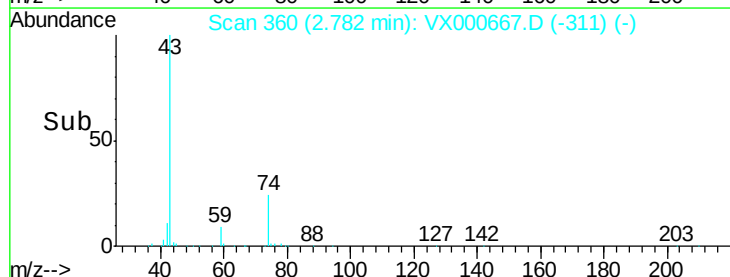
20000

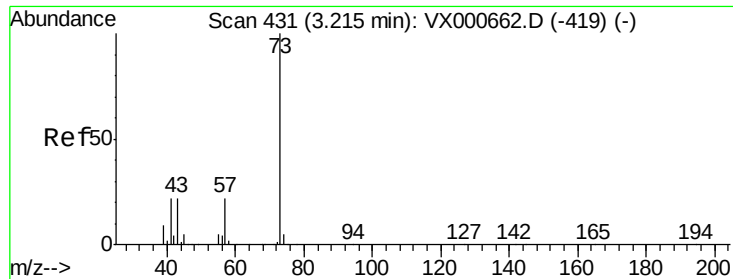
10000

0

2.70 2.80 2.90

Time-->





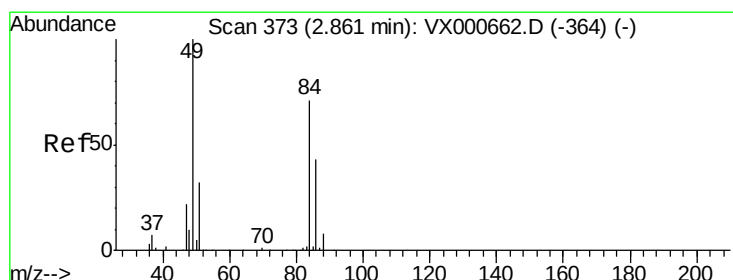
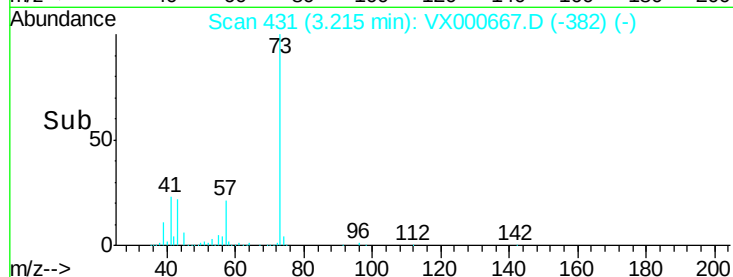
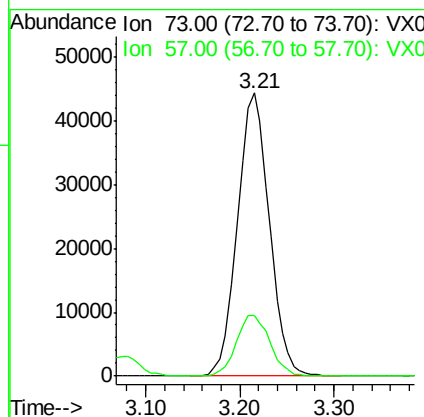
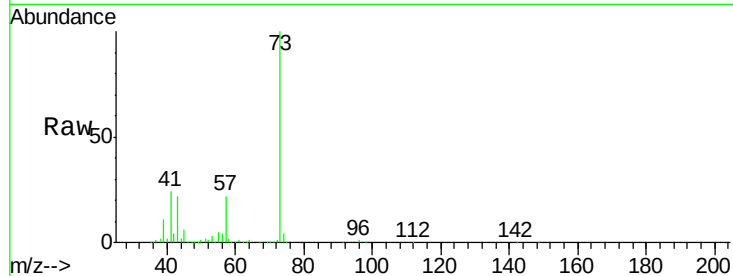
#19
Methyl tert-butyl Ether
Concen: 21.53 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion: 73 Resp: 104192
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6

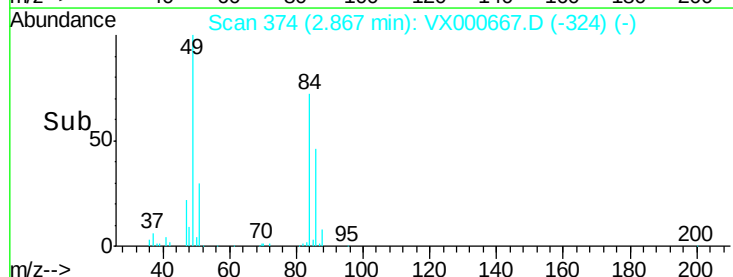
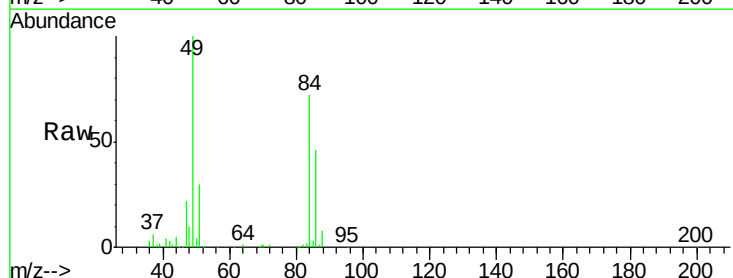
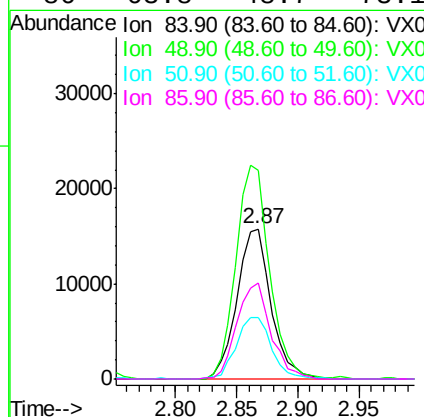
Manual Integrations
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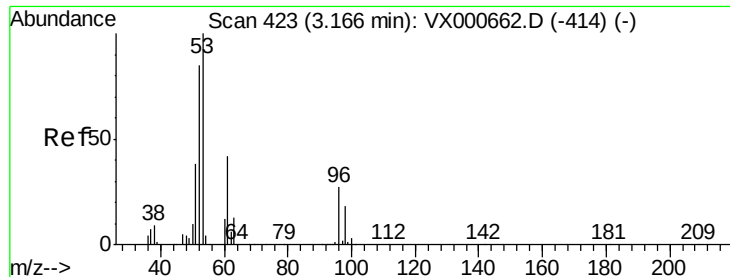
sam
4/5/2018 6:25:22 PM



#20
Methylene Chloride
Concen: 19.27 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 84 Resp: 30288
Ion Ratio Lower Upper
84 100
49 138.5 112.1 168.1
51 41.3 35.4 53.0
86 63.8 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.46 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

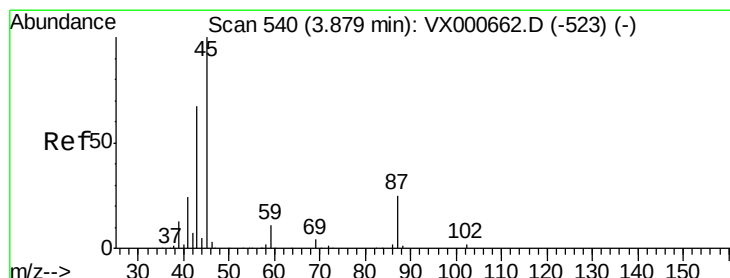
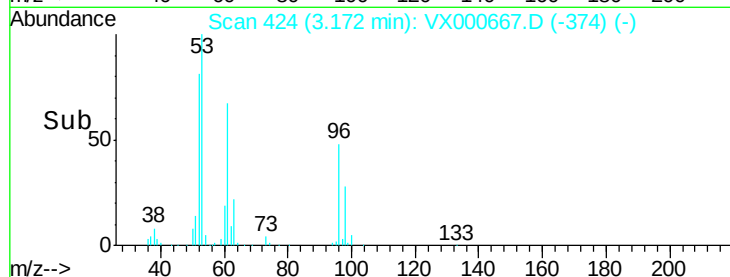
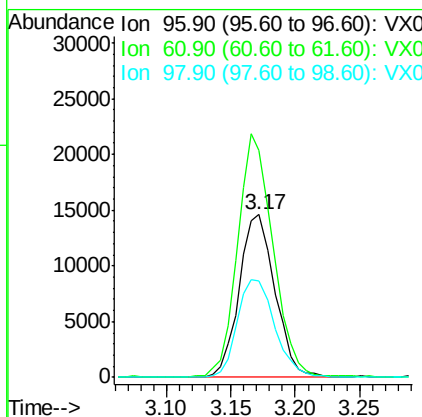
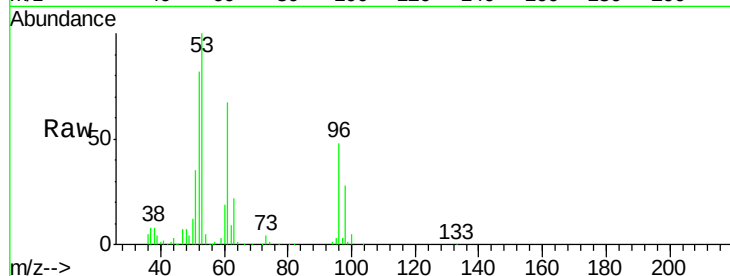
ClientSampled :

VX0404WBS01

Tot Ion:	96	Resp:	28243
Ion	Ratio	Lower	Upper
96	100		
61	139.1	123.5	185.3
98	58.9	51.9	77.9

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 18.02 ug/l

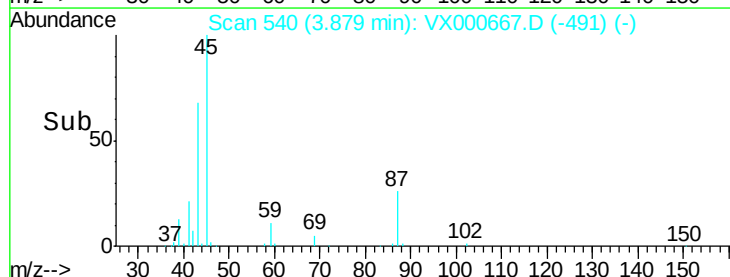
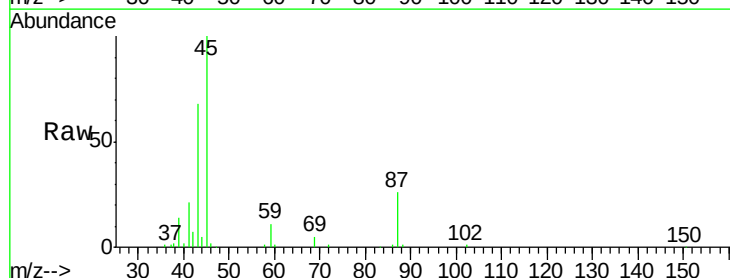
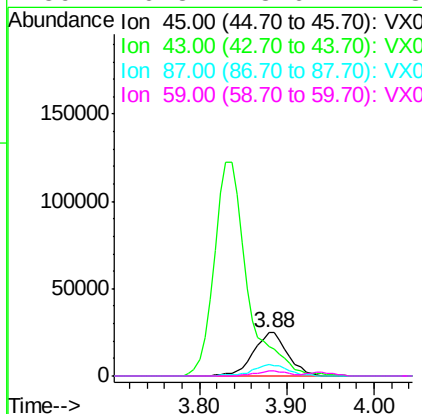
RT: 3.88 min Scan# 540

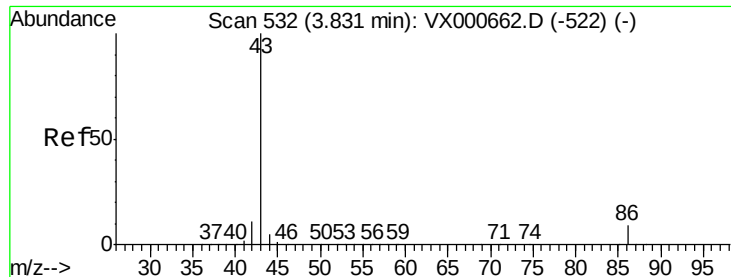
Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion:	45	Resp:	68839
Ion	Ratio	Lower	Upper
45	100		
43	65.3	53.8	80.8
87	26.0	19.8	29.6
59	10.8	8.6	12.8





#23

Vinyl Acetate

Concen: 87.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 43 Resp: 323247

Ion Ratio Lower Upper

43 100

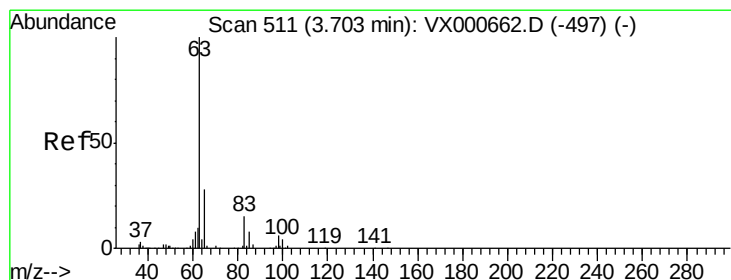
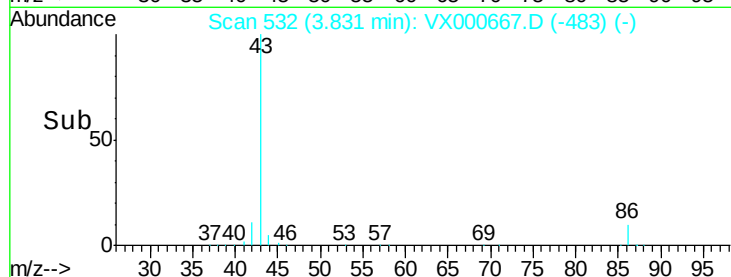
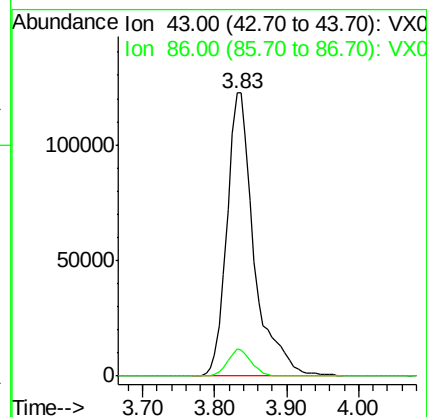
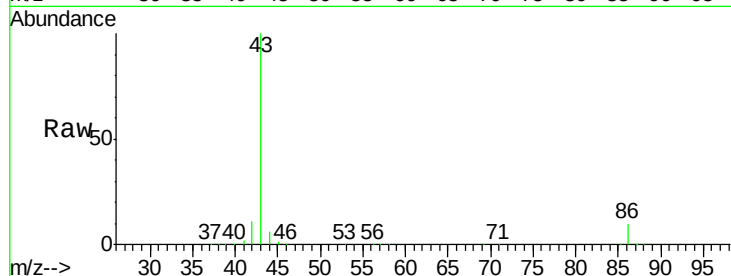
86 9.5 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.13 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

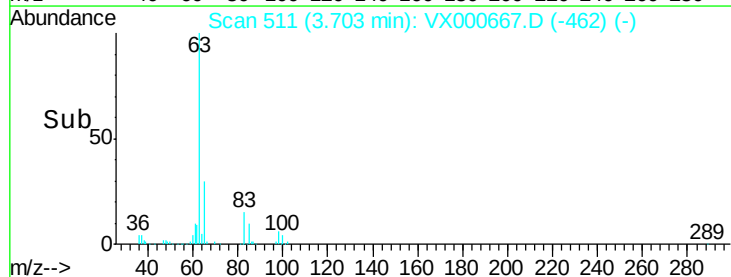
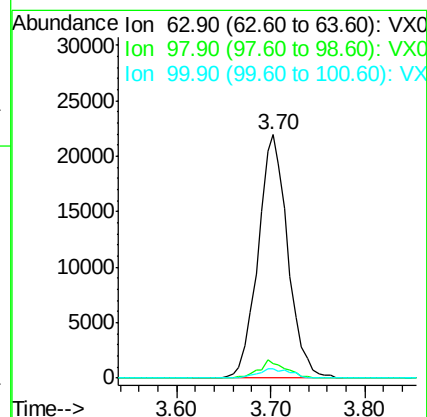
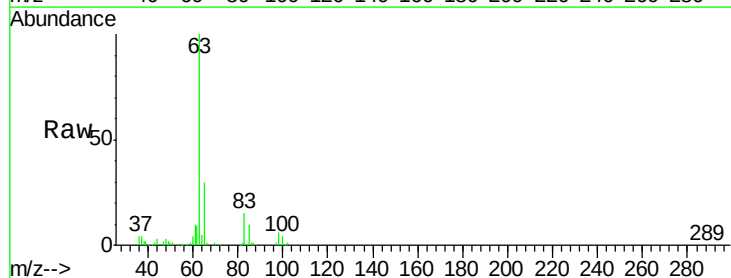
Tgt Ion: 63 Resp: 48565

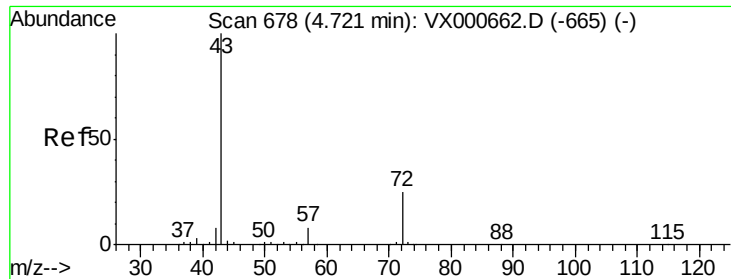
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 101.84 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 43 Resp: 142272

Ion Ratio Lower Upper

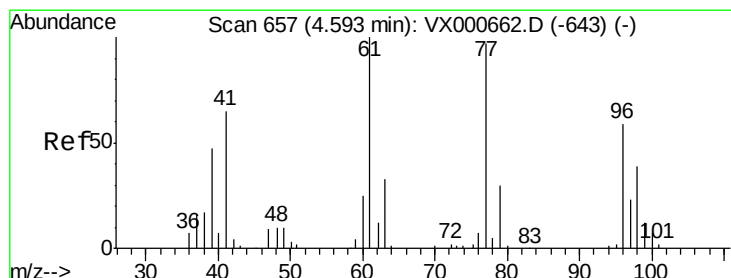
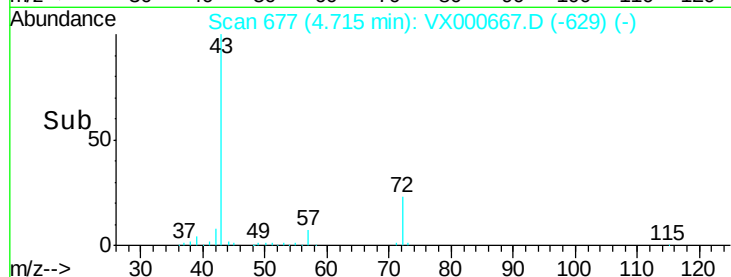
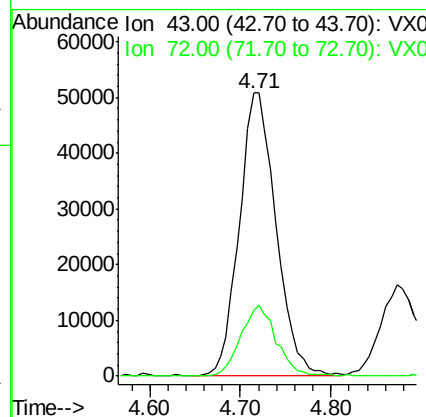
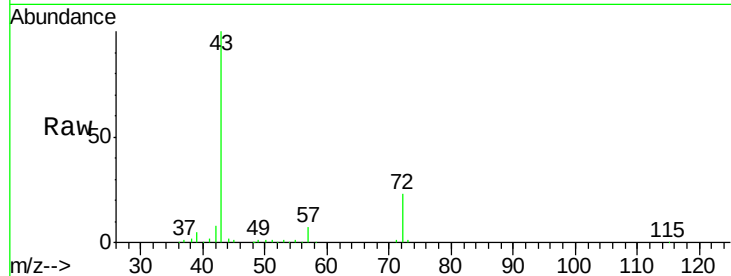
43 100

72 23.3 20.0 30.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.53 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000667.D

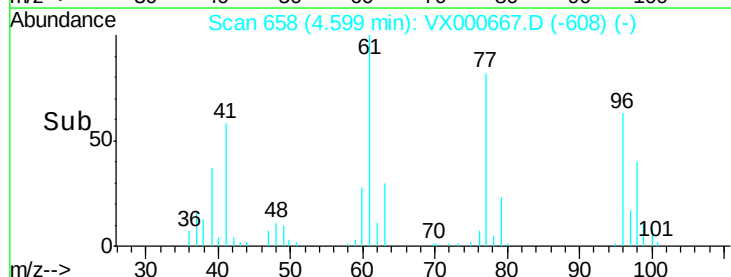
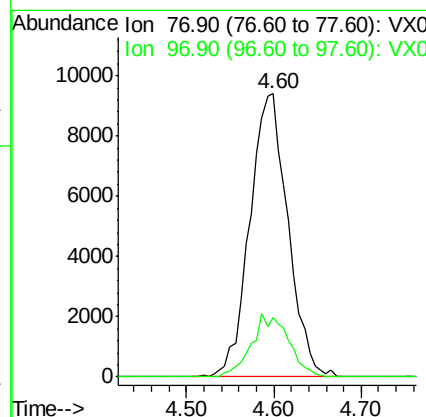
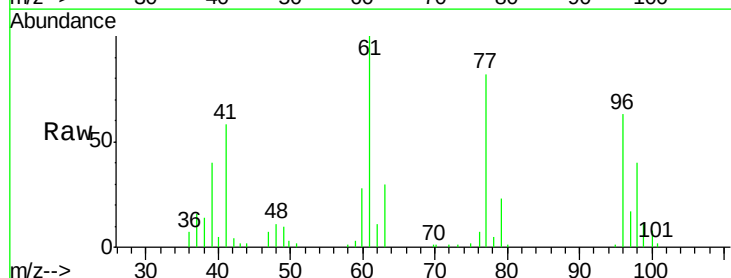
Acq: 04 Apr 2018 20:01

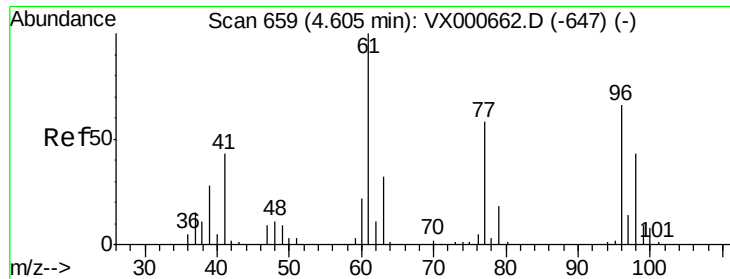
Tgt Ion: 77 Resp: 28534

Ion Ratio Lower Upper

77 100

97 21.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.35 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

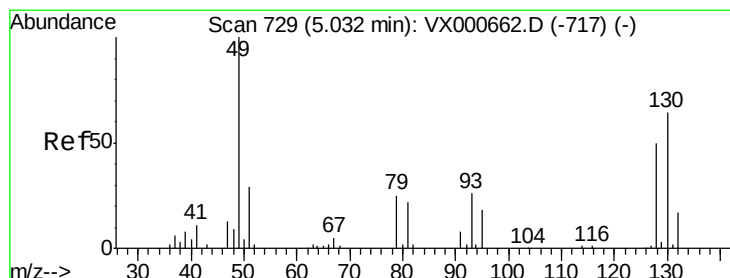
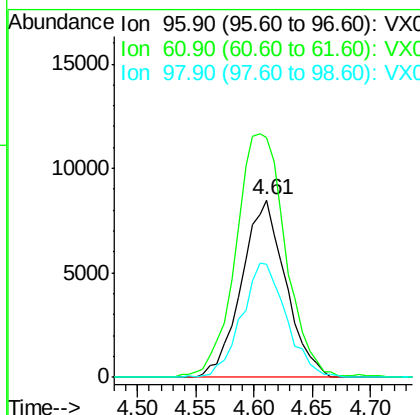
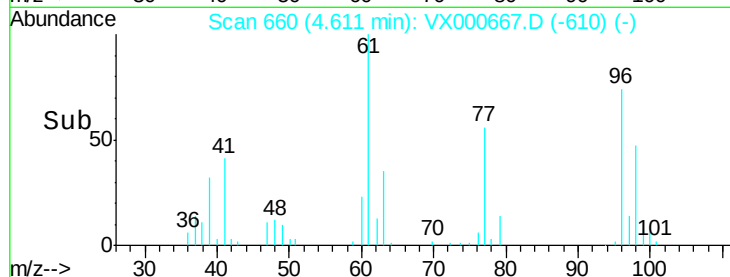
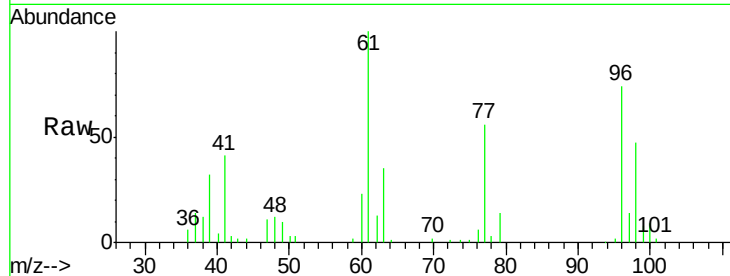
ClientSampleId :

VX0404WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	22363		
61	155.2		0.0	309.4
98	65.3		0.0	129.2

Manual Integrations
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sam
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#28

Bromochloromethane

Concen: 19.89 ug/l

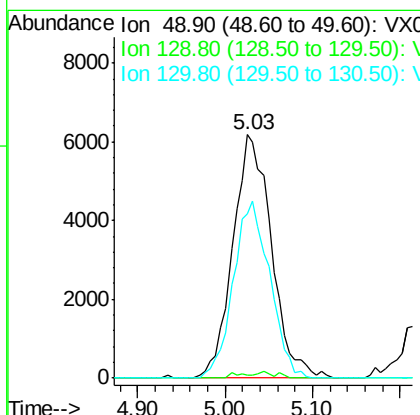
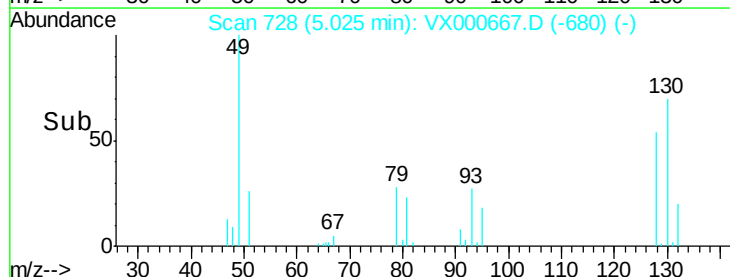
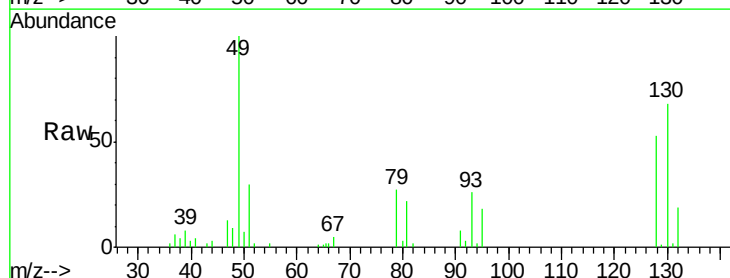
RT: 5.03 min Scan# 728

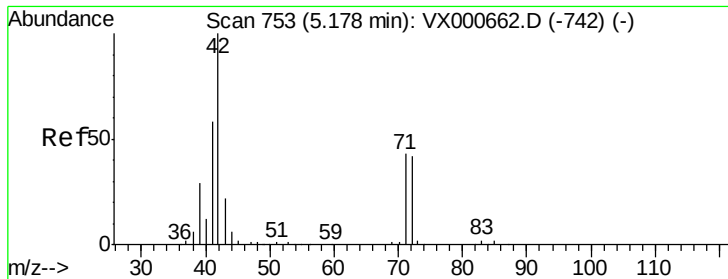
Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	18922		
129	0.6		0.0	4.8
130	68.8		53.8	80.6





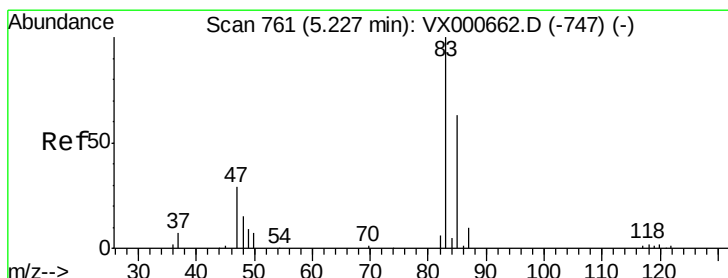
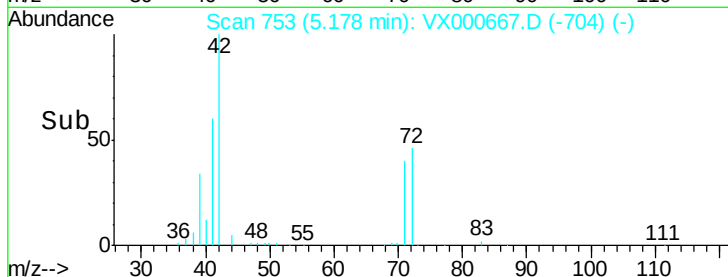
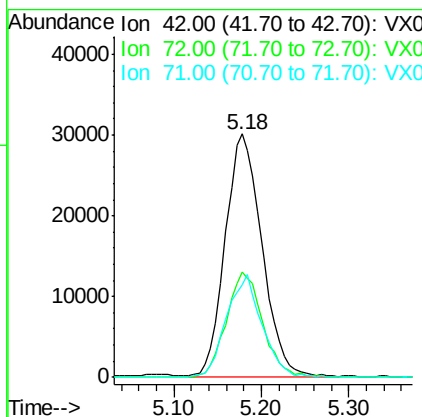
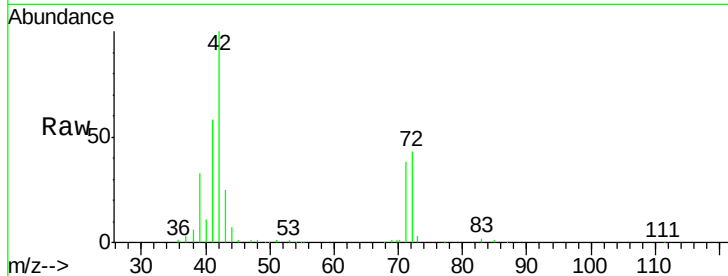
#29
Tetrahydrofuran
Concen: 96.93 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.5	51.7
71	41.1	32.2	48.2

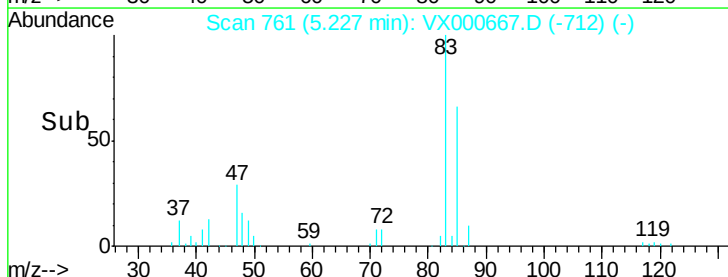
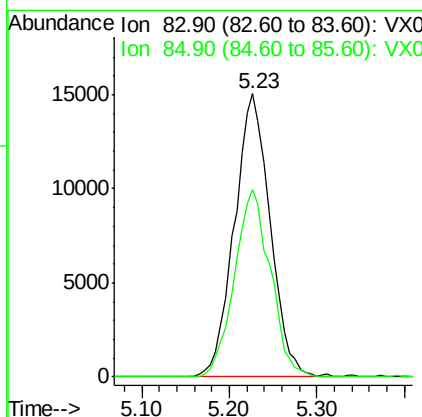
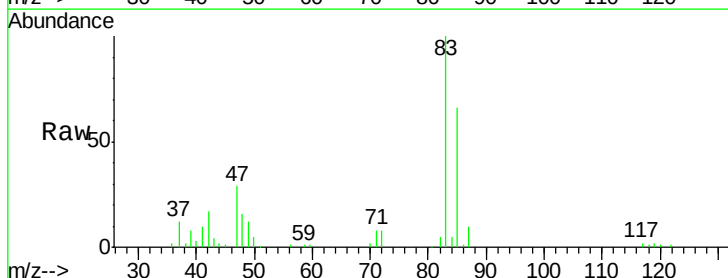
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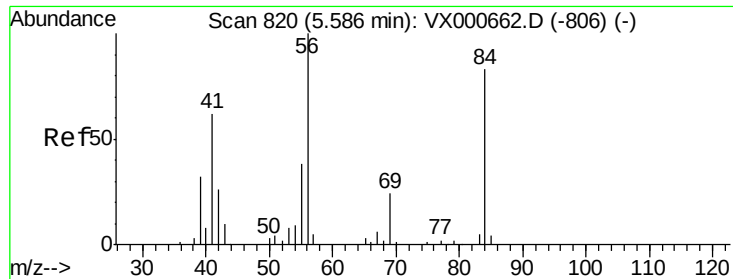
sam
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#30
Chloroform
Concen: 19.87 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.2	75.4





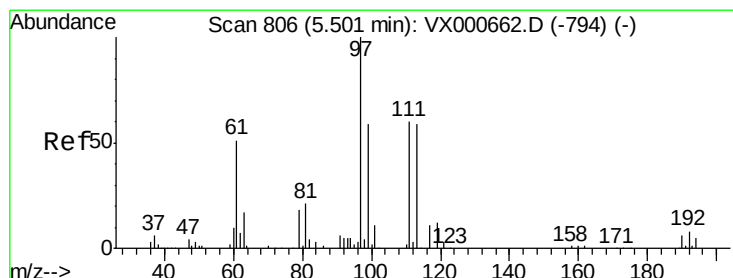
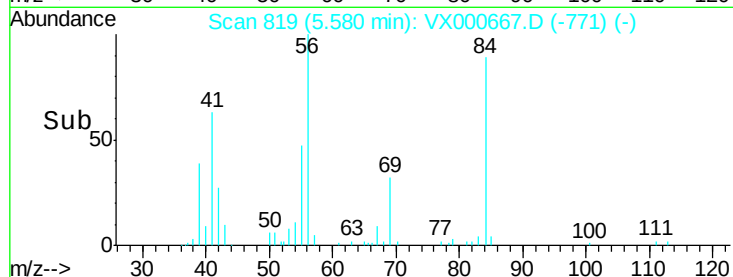
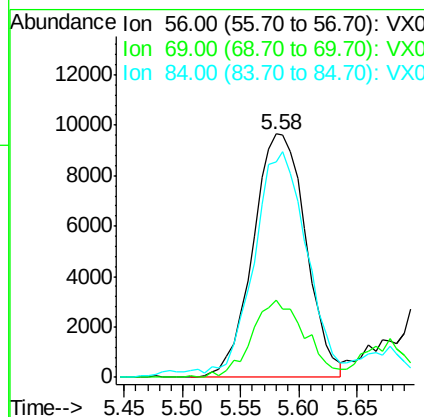
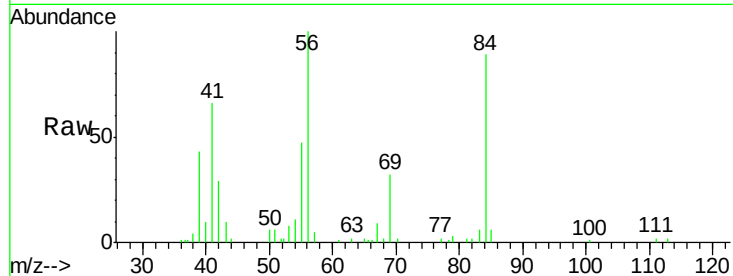
#31
Cyclohexane
Concen: 18.30 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	19.4	29.0#
84	85.6	66.8	100.2

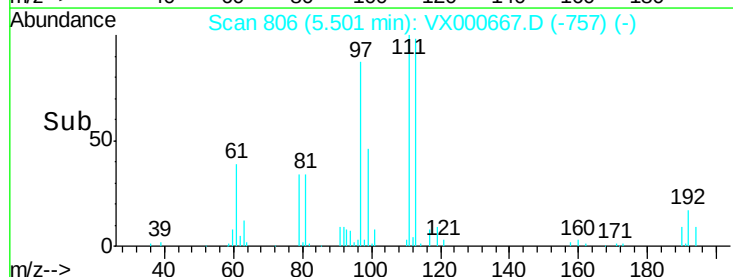
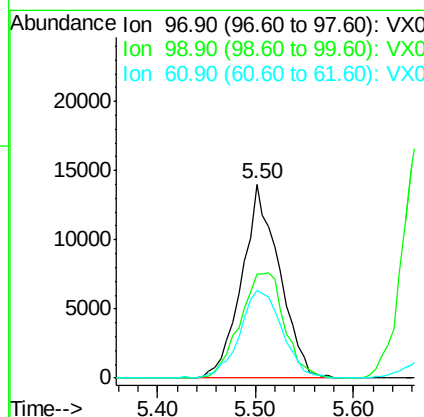
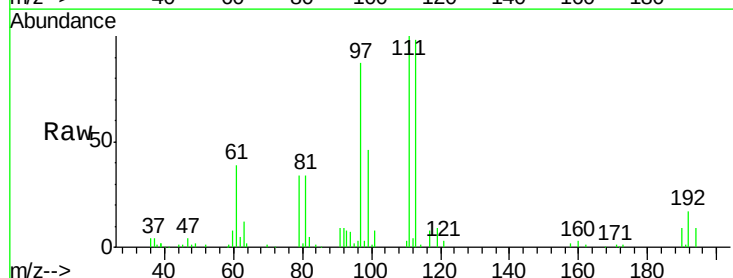
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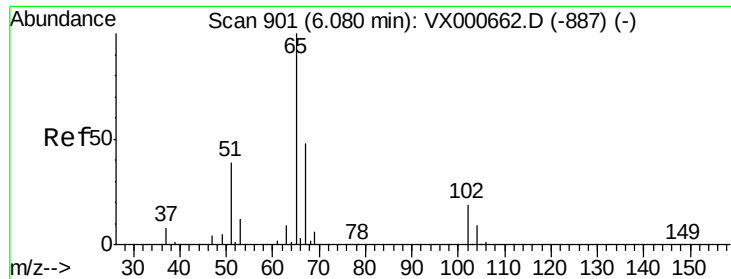
sam
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#32
1,1,1-Trichloroethane
Concen: 21.11 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	51.3	41.4	62.2





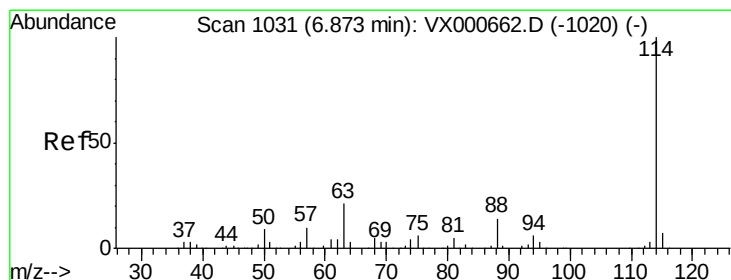
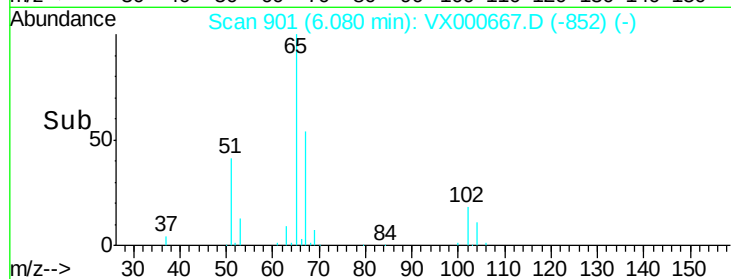
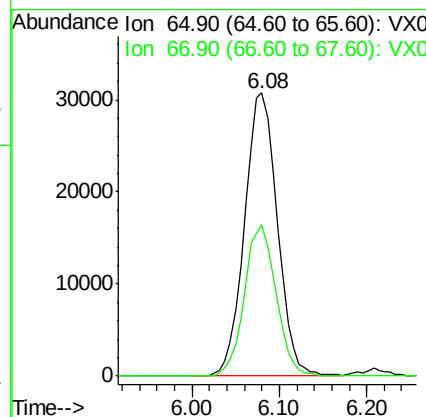
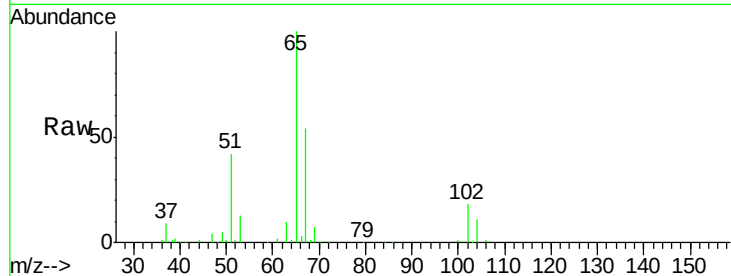
#33
 1,2-Dichloroethane-d4
 Concen: 48.01 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	99.8

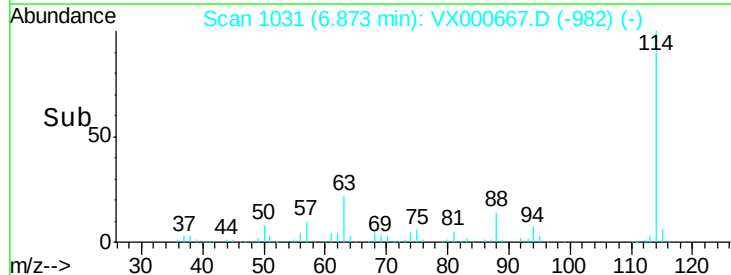
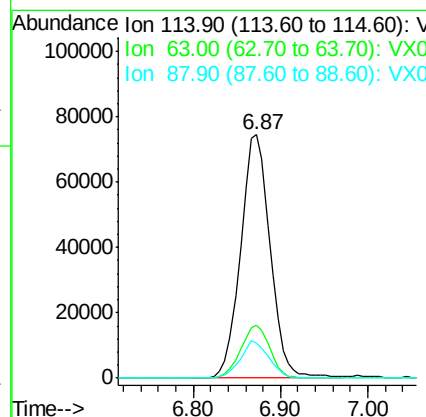
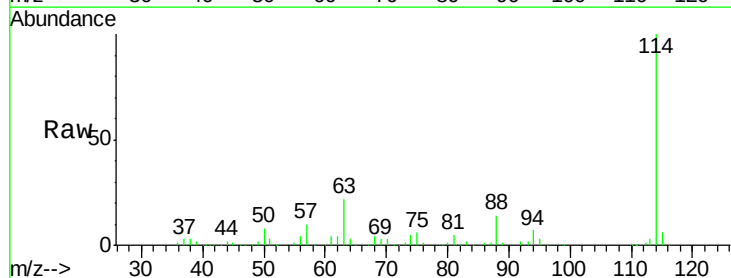
Manual Integrations
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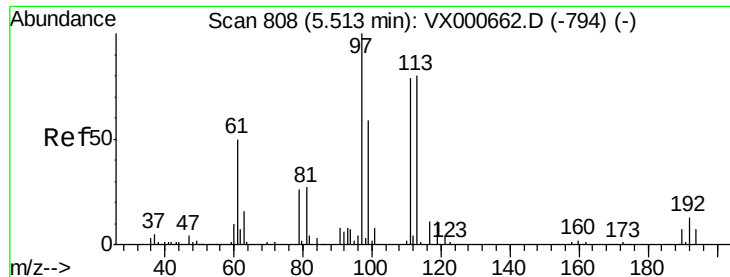
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.6
88	14.4	0.0	28.6





#35

Dibromofluoromethane

Concen: 47.69 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

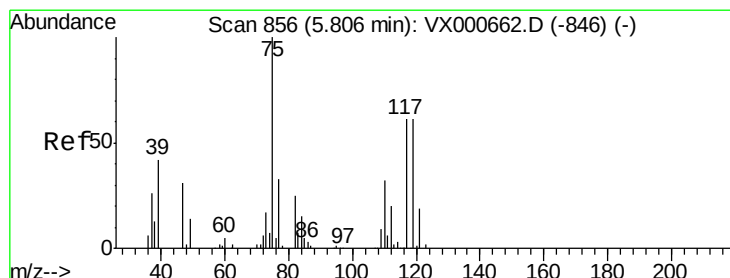
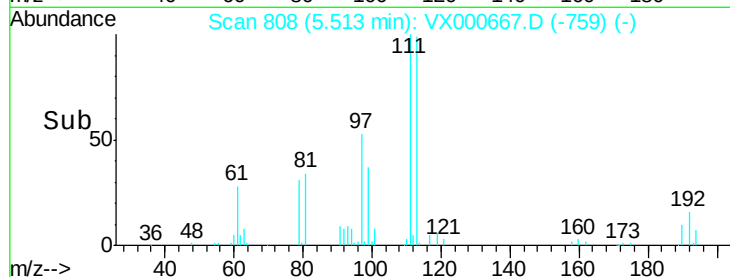
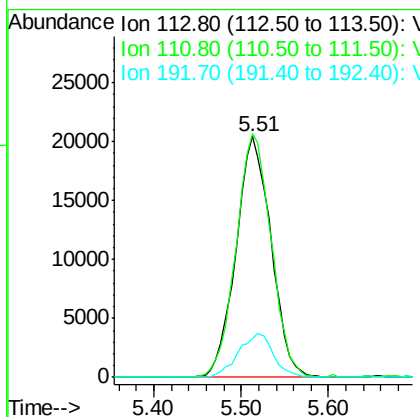
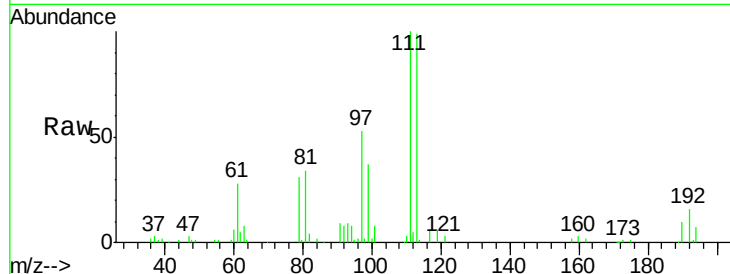
ClientSampled :

VX0404WBS01

Tot Ion:	113	Resp:	57026
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	18.0	14.3	21.5

Manual Integrations
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sam
4/5/2018 6:25:22 PM



#36

1,1-Dichloropropene

Concen: 19.05 ug/l

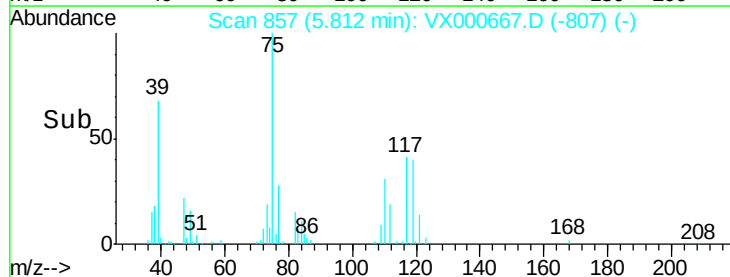
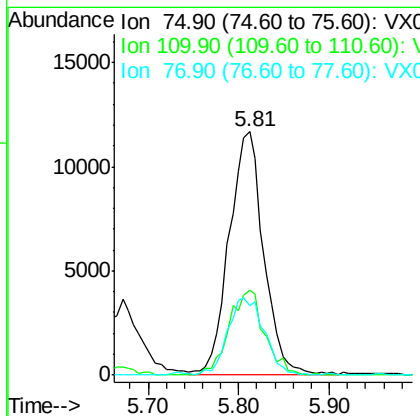
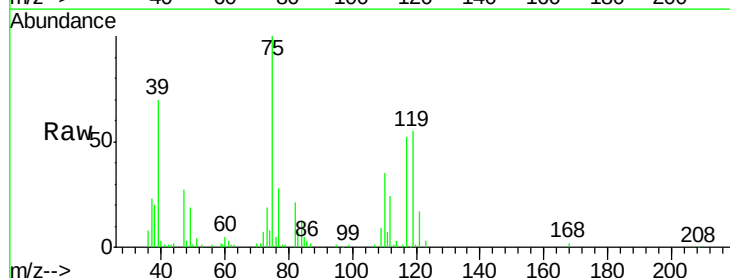
RT: 5.81 min Scan# 857

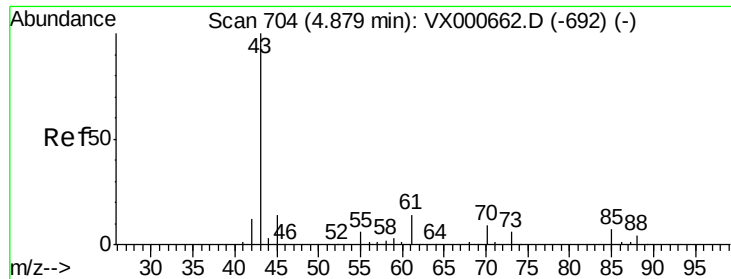
Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion:	75	Resp:	30951
Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.3	48.9
77	33.3	24.3	36.5





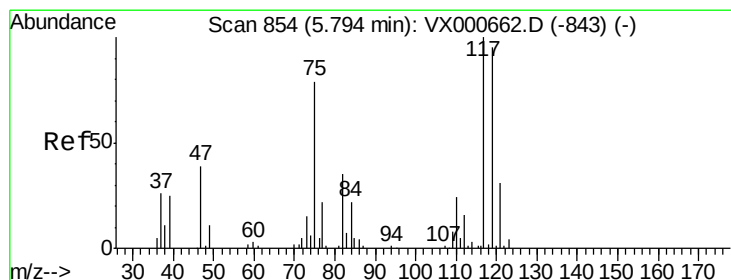
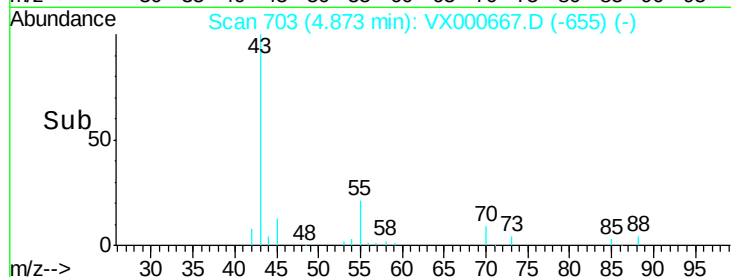
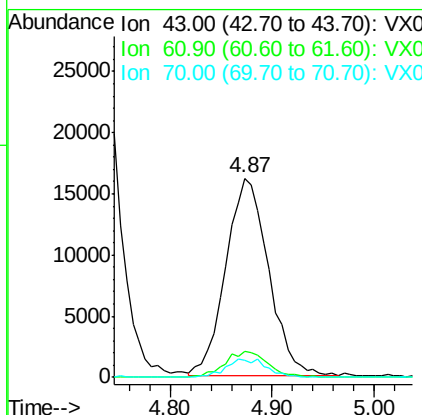
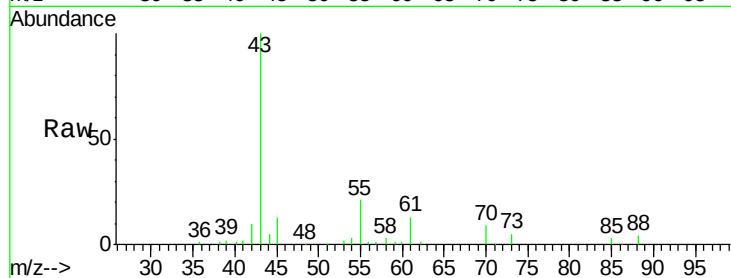
#37
Ethyl Acetate
Concen: 19.03 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	8.8	6.8	10.2

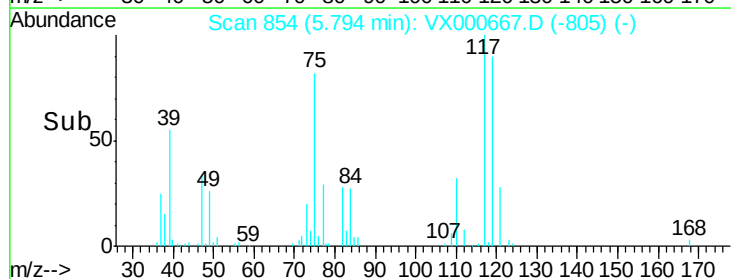
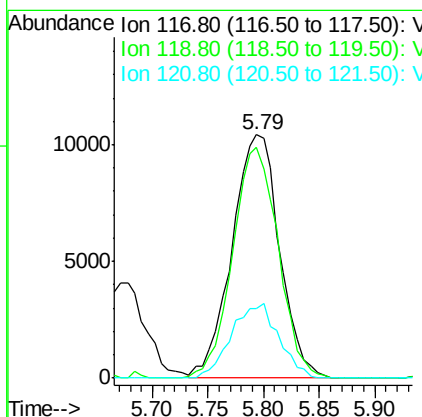
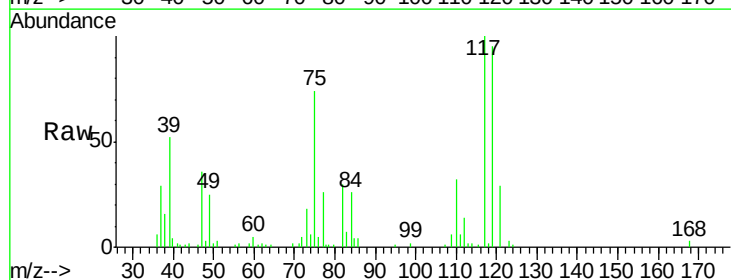
Manual Integrations
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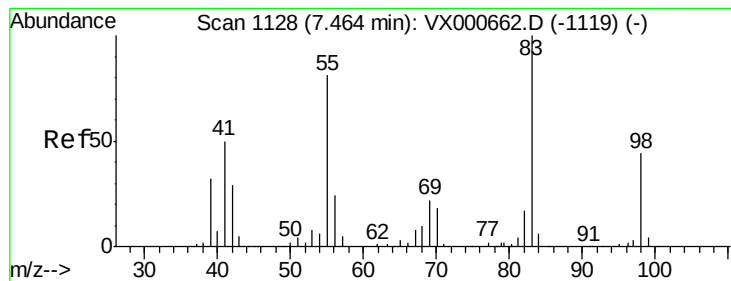
sam
4/5/2018 6:25:22 PM



#38
Carbon Tetrachloride
Concen: 19.75 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.1	114.1
121	28.6	24.8	37.2





#39

Methylvlcyclohexane

Concen: 18.87 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

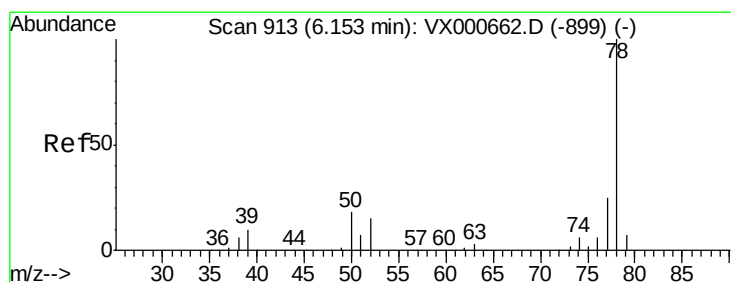
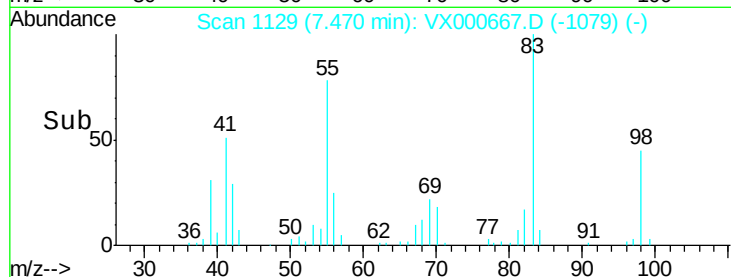
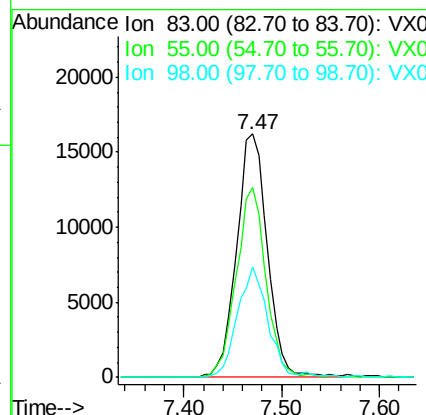
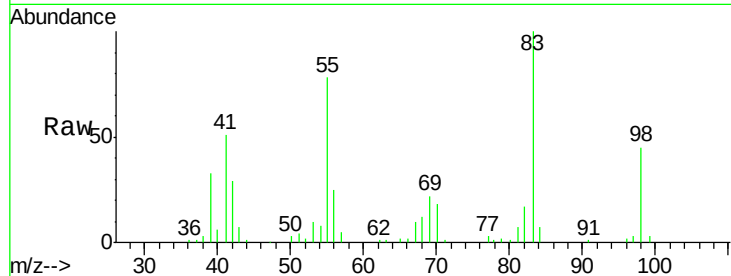
ClientSampled :

VX0404WBS01

Tot Ion:	83	Resp:	35450
Ion	Ratio	Lower	Upper
83	100		
55	78.0	64.5	96.7
98	45.4	35.0	52.6

Manual Integrations
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sam
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#40

Benzene

Concen: 19.78 ug/l

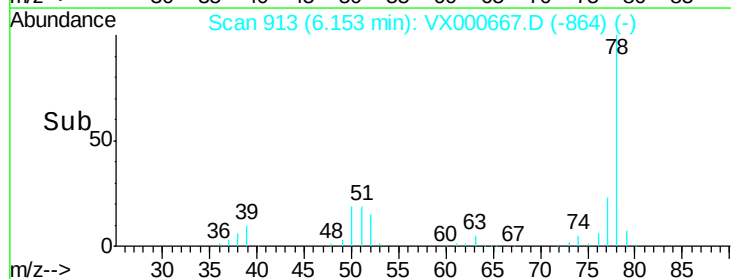
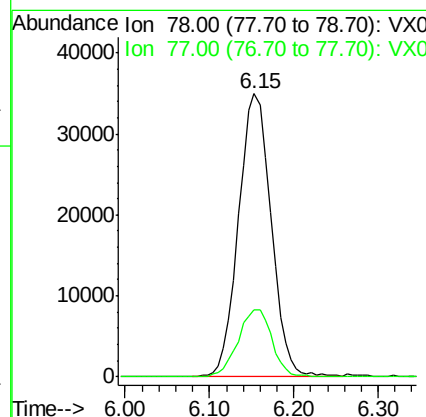
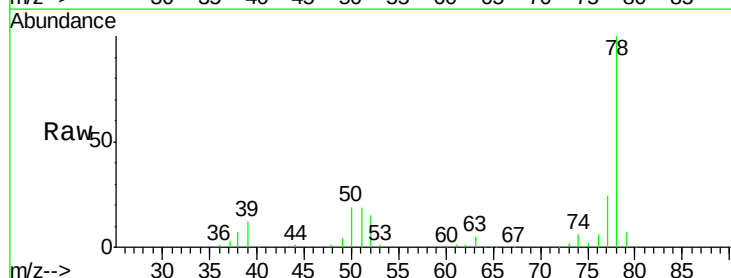
RT: 6.15 min Scan# 913

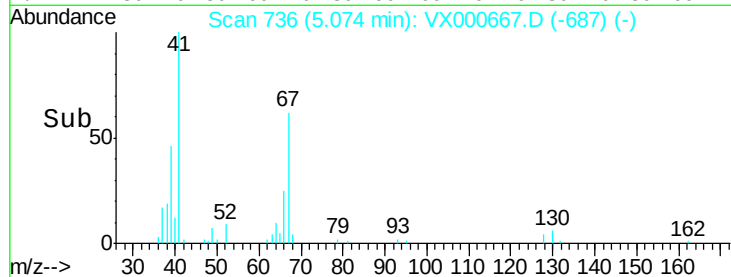
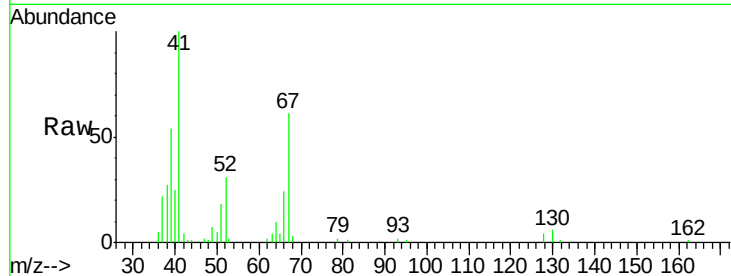
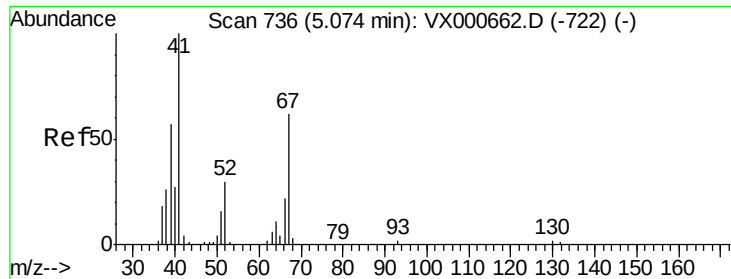
Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion:	78	Resp:	91784
Ion	Ratio	Lower	Upper
78	100		
77	23.7	20.2	30.2





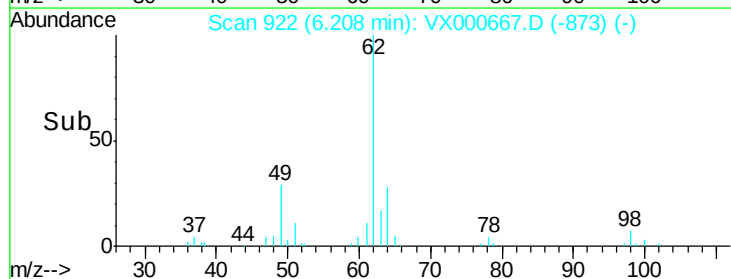
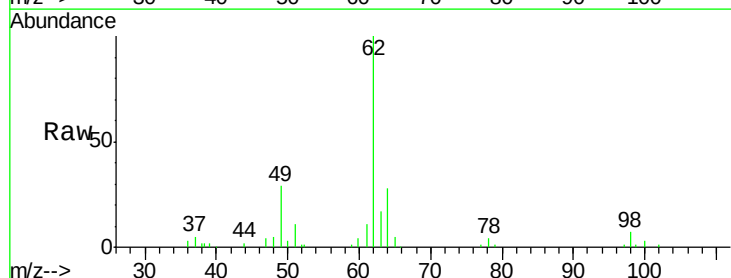
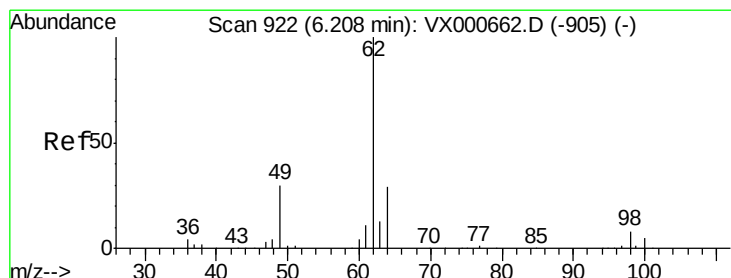
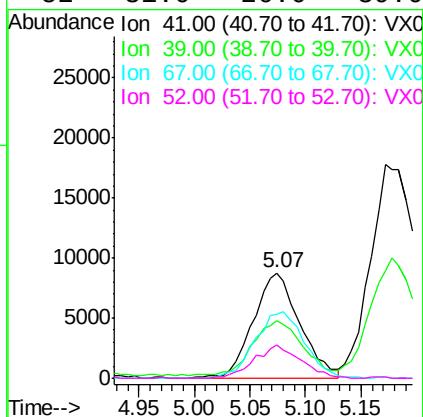
#41
Methacrylonitrile
Concen: 18.90 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	25601		
39	39	55.9		46.2	69.4
67	67	66.6		52.4	78.6
52	52	31.0		26.0	39.0

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

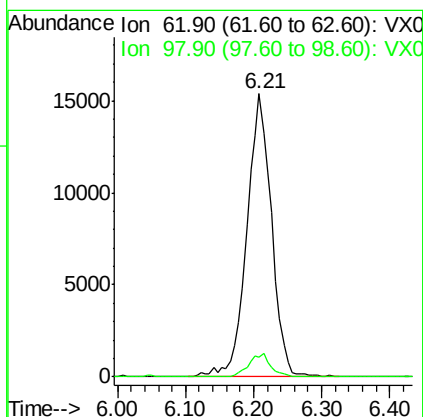
Manual Integrations
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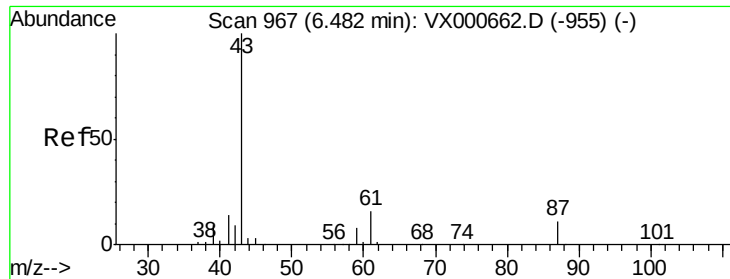
sam
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#42
1,2-Dichloroethane
Concen: 19.97 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	38760		
98	98	7.3		0.0	16.2





#43

Isopropyl Acetate

Concen: 19.21 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

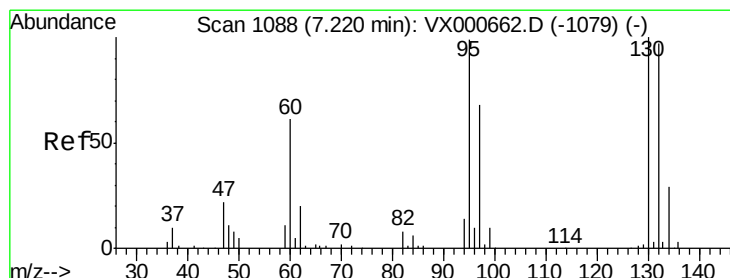
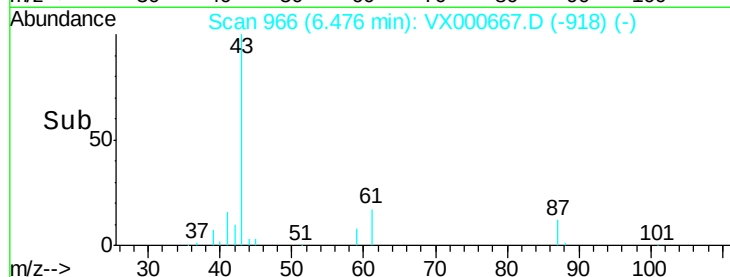
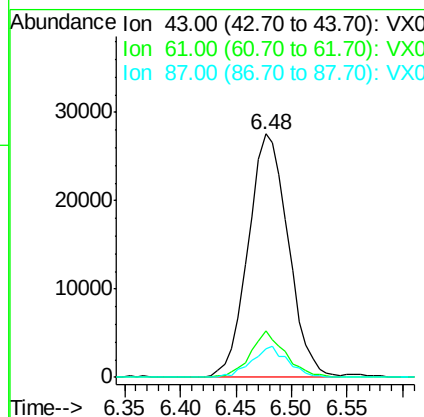
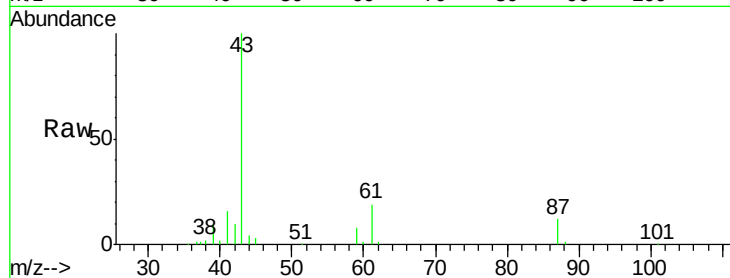
ClientSampleId :

VX0404WBS01

Tot Ion:	43	Resp:	68889
Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.4	20.2
87	11.6	9.4	14.0

Manual Integrations
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sam
4/5/2018 6:25:22 PM



#44

Trichloroethene

Concen: 19.06 ug/l

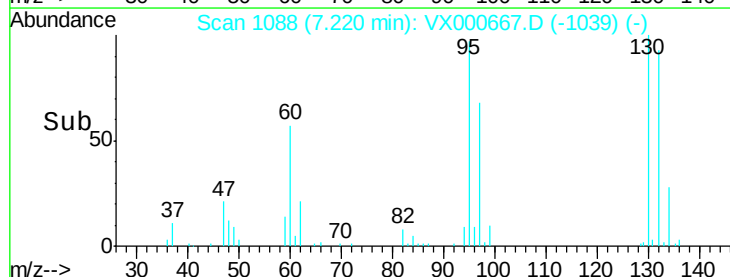
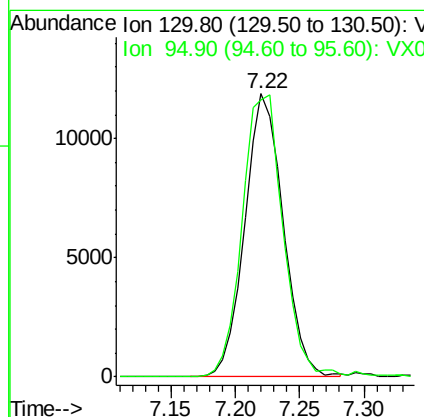
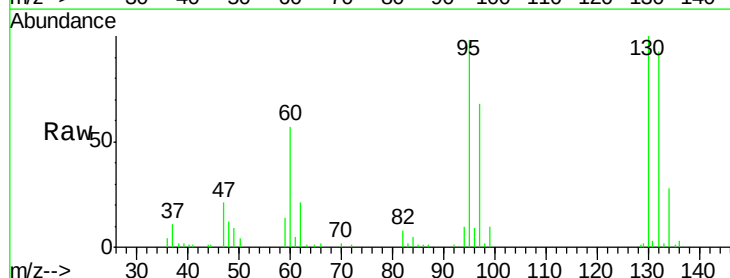
RT: 7.22 min Scan# 1088

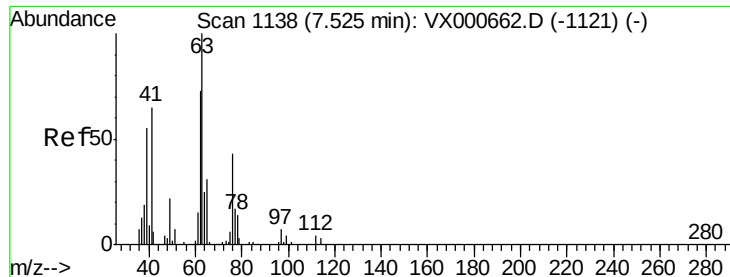
Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion:	130	Resp:	24437
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	198.8





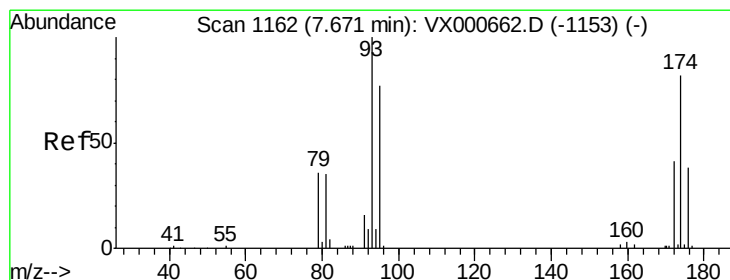
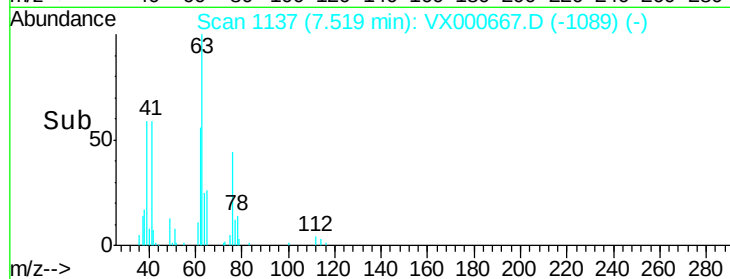
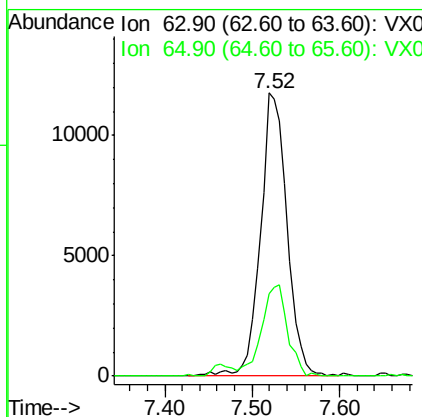
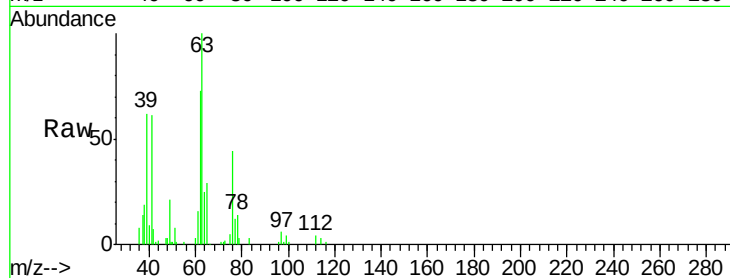
#45
 1,2-Dichloropropane
 Concen: 19.92 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	24.8	37.2

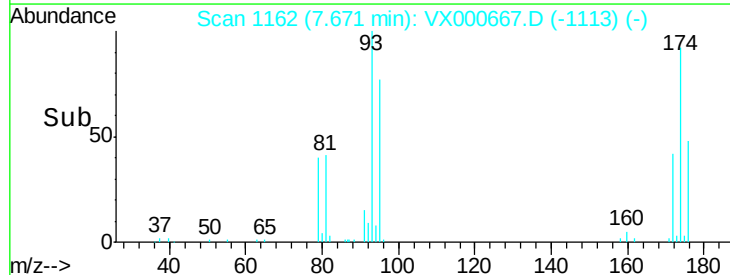
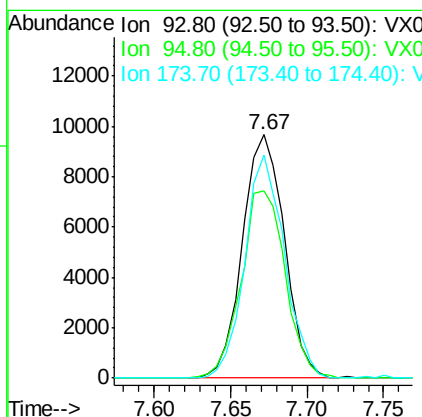
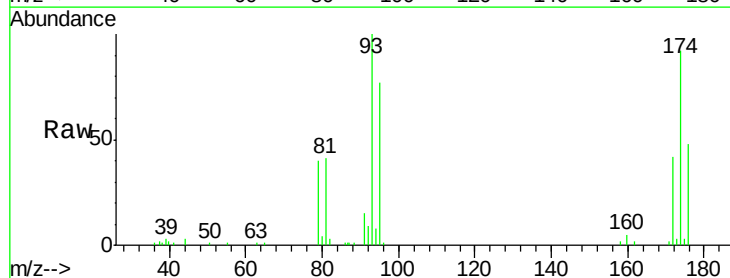
Manual Integrations
 APPROVED

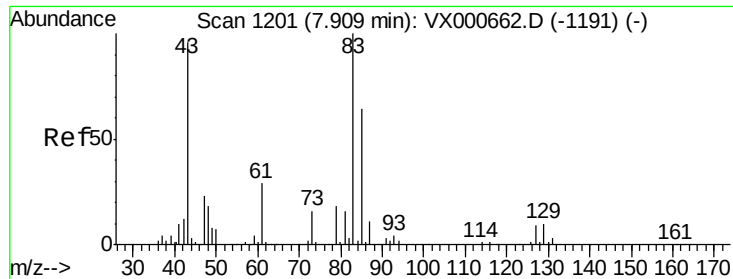
sam
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#46
 Dibromomethane
 Concen: 20.10 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	65.3	97.9
174	86.6	70.2	105.4





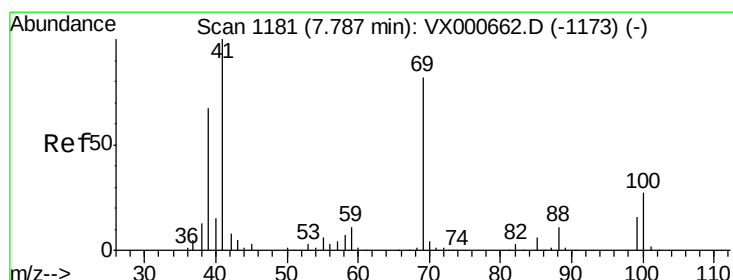
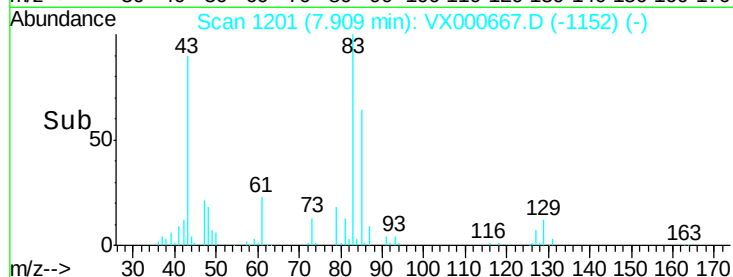
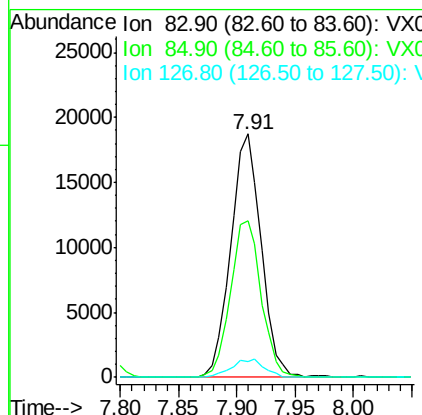
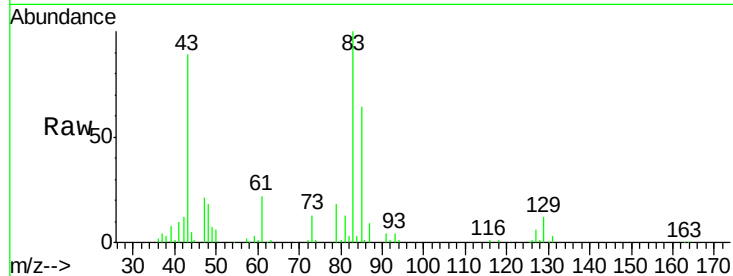
#47
 Bromodichloromethane
 Concen: 19.50 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion	83	Resp	34058
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.4	77.0
127	6.5	7.3	10.9#

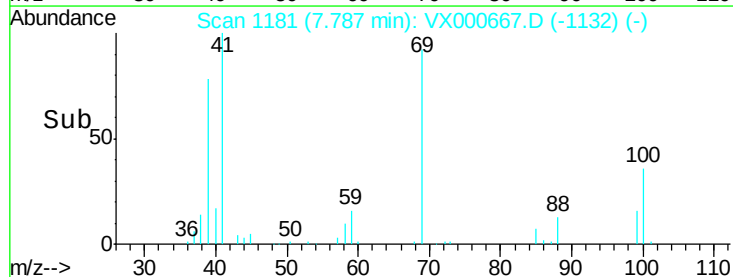
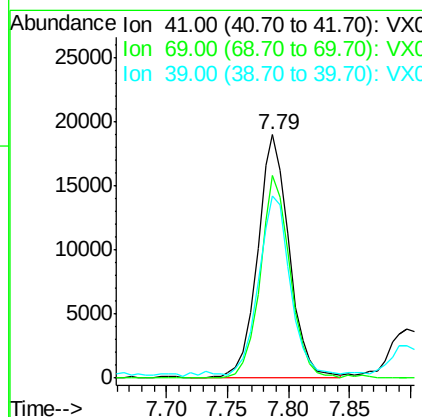
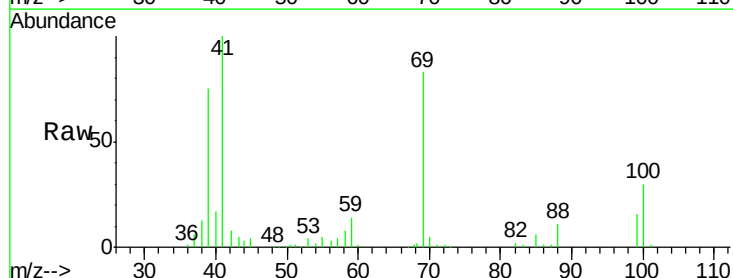
Manual Integrations
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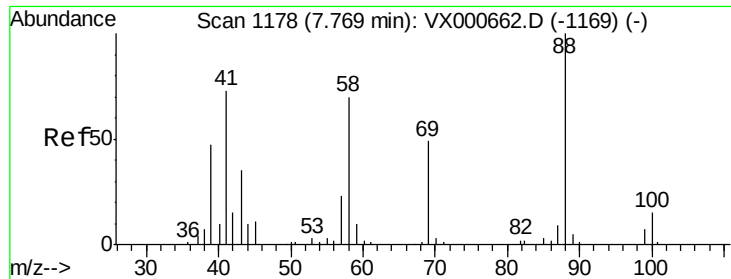
sam
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#48
 Methyl methacrylate
 Concen: 18.31 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	41	Resp	33651
Ion Ratio	Lower	Upper	
41	100		
69	79.6	64.3	96.5
39	73.4	57.0	85.4





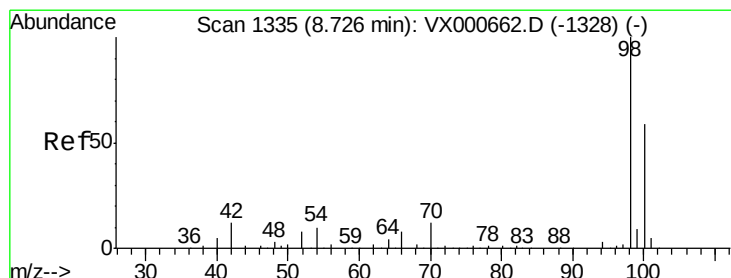
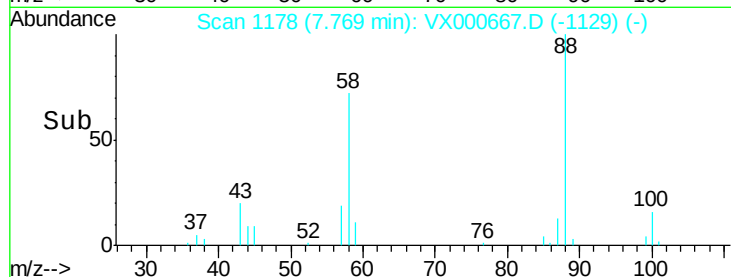
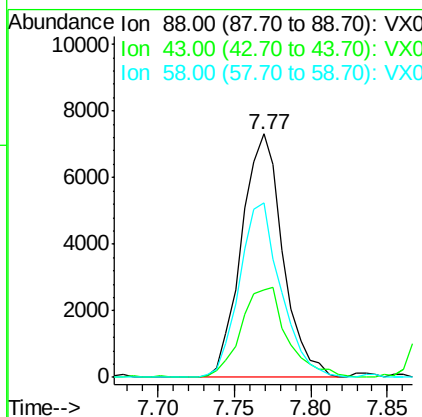
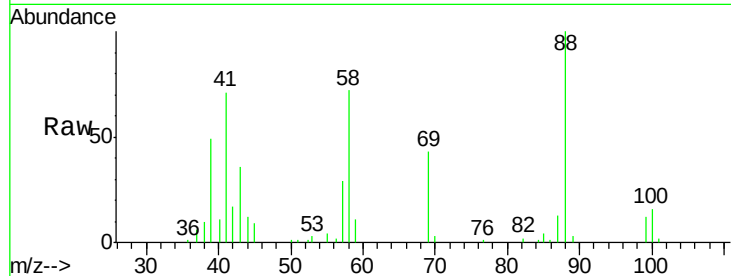
#49
 1,4-Dioxane
 Concen: 353.19 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.3	29.4	44.0
58	71.6	53.4	80.0

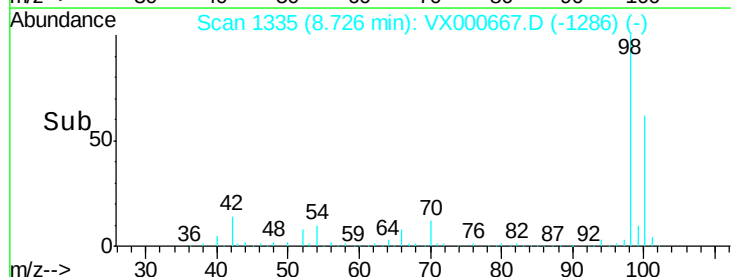
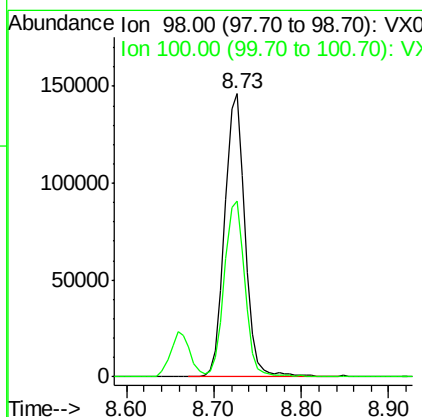
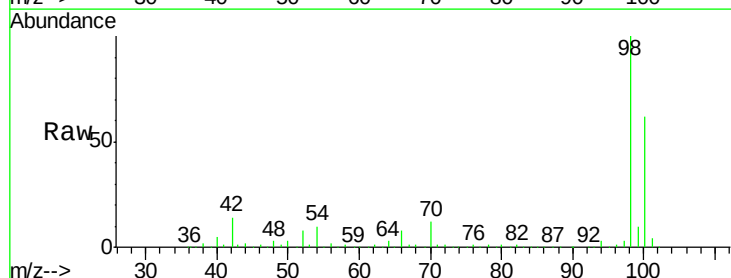
Manual Integrations
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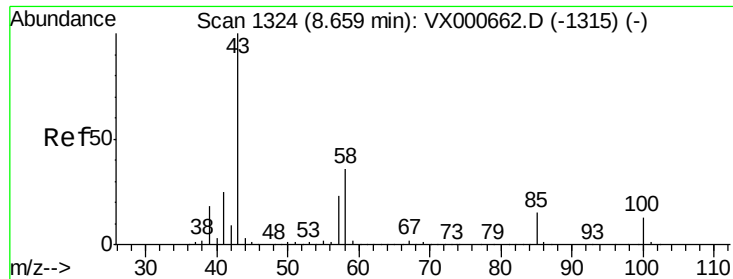
sam
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#50
 Toluene-d8
 Concen: 46.03 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.0	76.6





#51

4-Methyl-2-Pentanone

Concen: 97.59 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 43 Resp: 284606

Ion Ratio Lower Upper

43 100

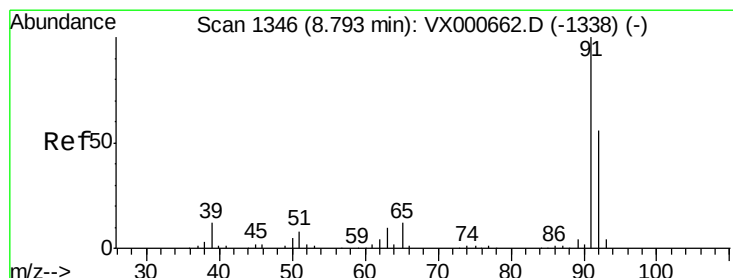
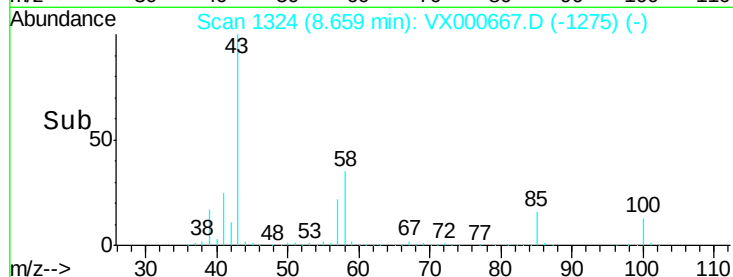
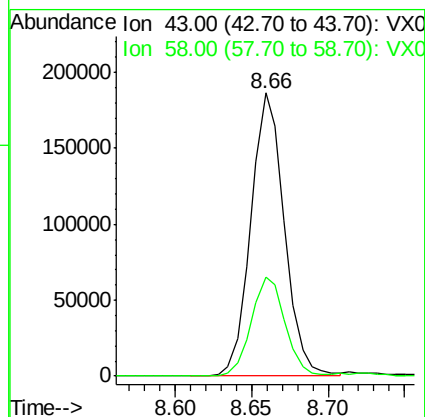
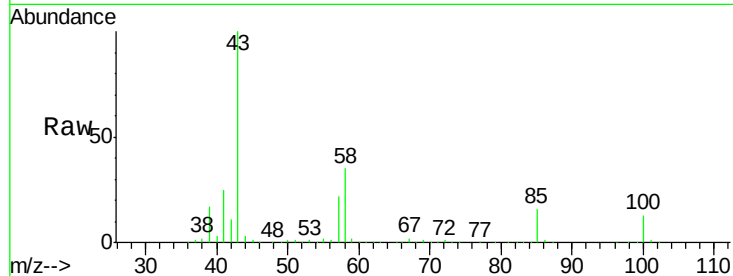
58 35.3 28.2 42.2

Manual Integrations

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sam

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#52

Toluene

Concen: 19.31 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000667.D

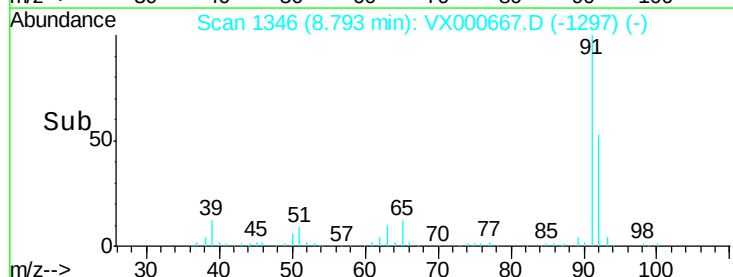
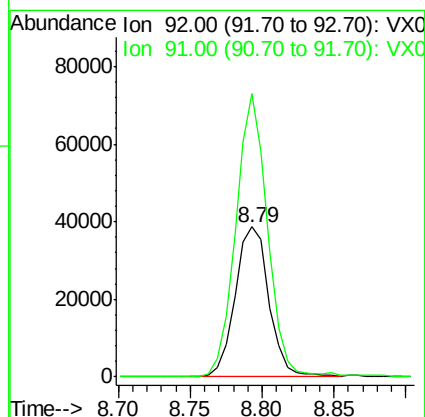
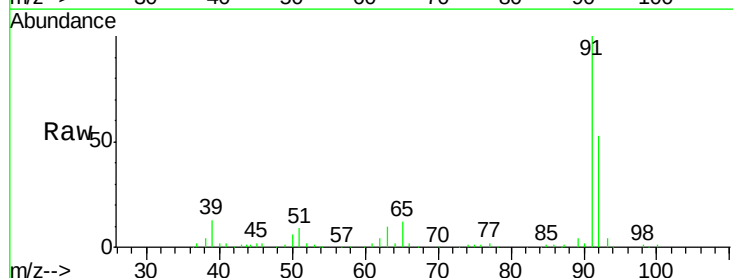
Acq: 04 Apr 2018 20:01

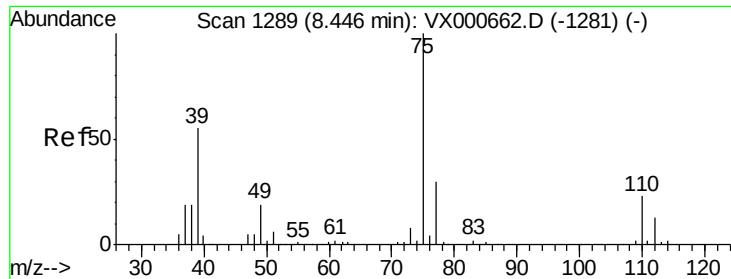
Tgt Ion: 92 Resp: 63313

Ion Ratio Lower Upper

92 100

91 177.5 141.7 212.5





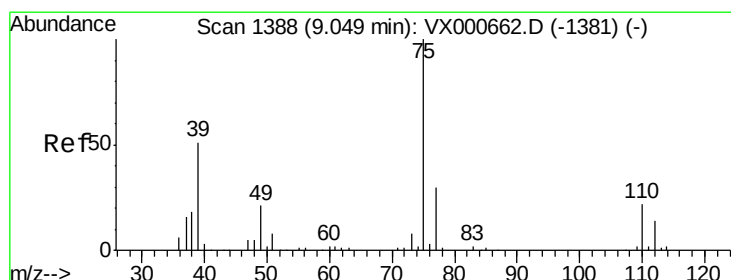
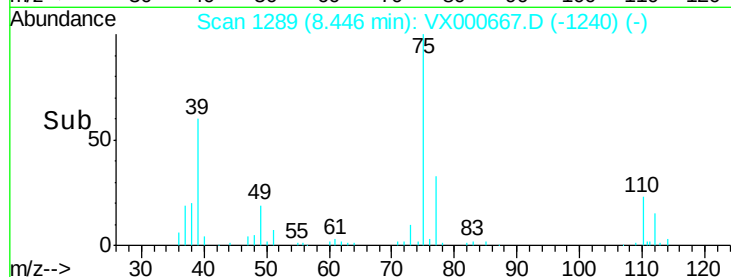
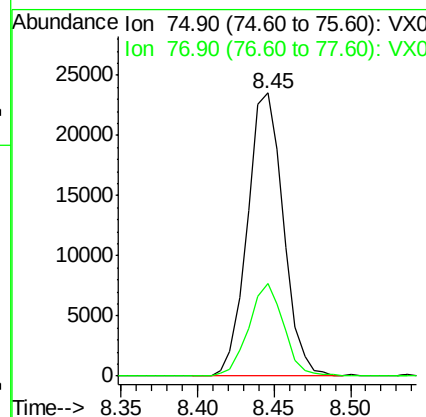
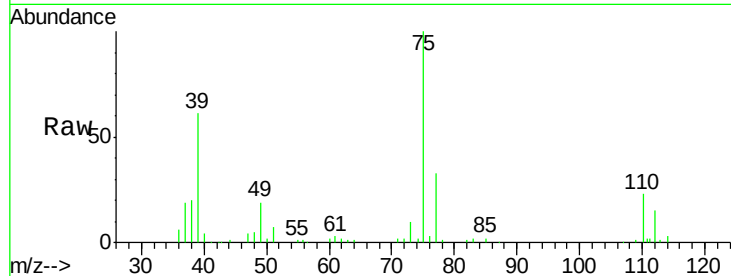
#53
 t-1,3-Dichloropropene
 Concen: 20.38 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion: 75 Resp: 38466
 Ion Ratio Lower Upper
 75 100
 77 32.6 23.8 35.6

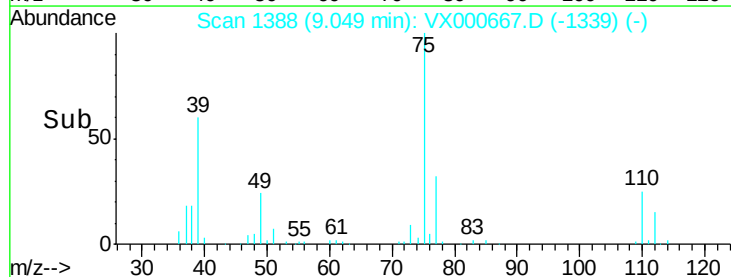
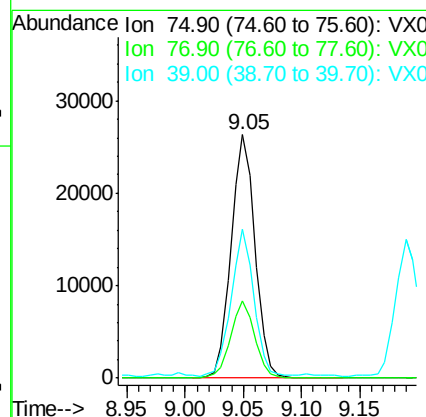
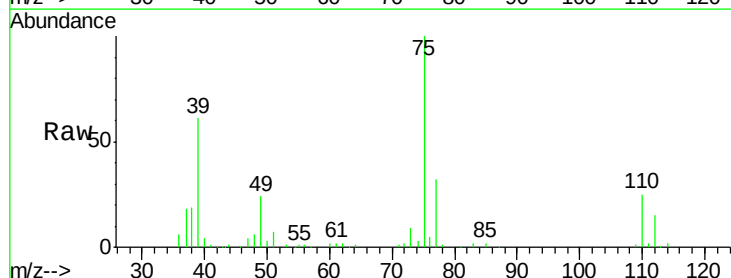
Manual Integrations
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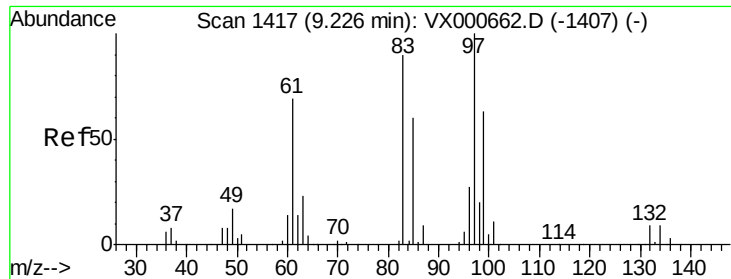
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 19.58 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 75 Resp: 37564
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.1 36.1
 39 60.4 40.7 61.1





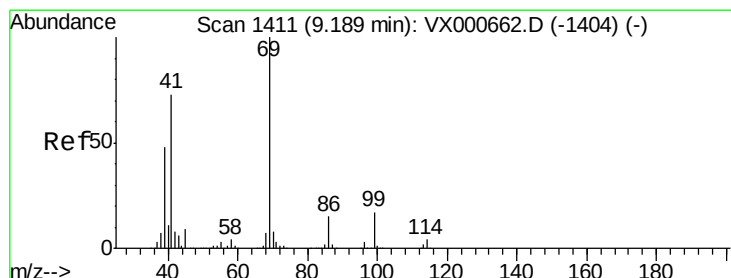
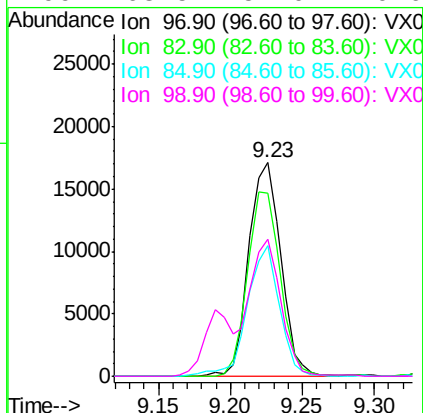
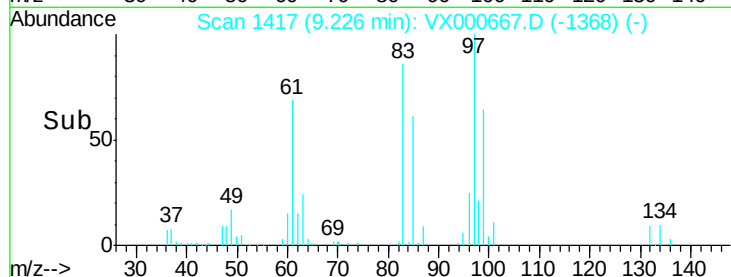
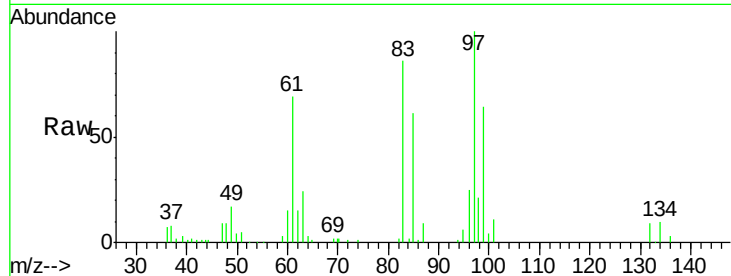
#55
 1,1,2-Trichloroethane
 Concen: 19.16 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion:	97	Resp:	26193
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.1	108.1
85	61.4	48.3	72.5
99	63.5	51.0	76.6

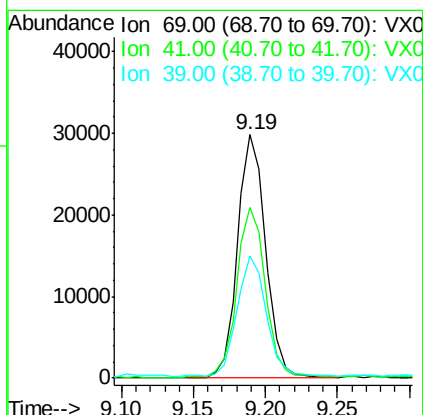
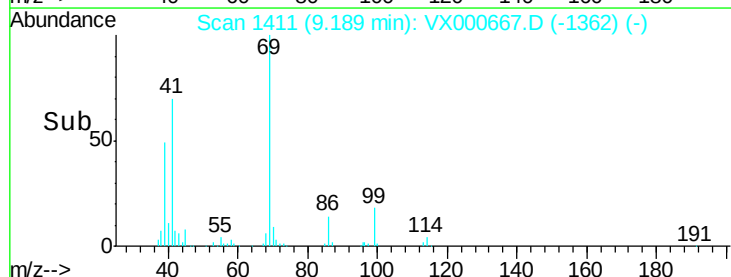
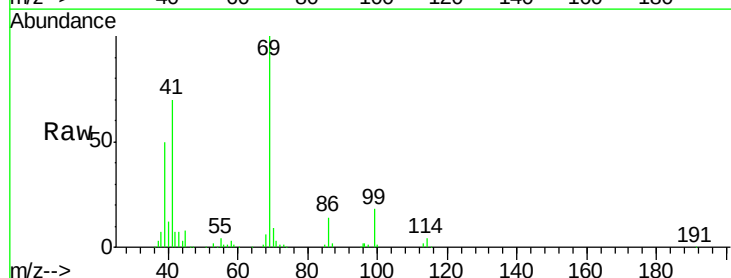
Manual Integrations
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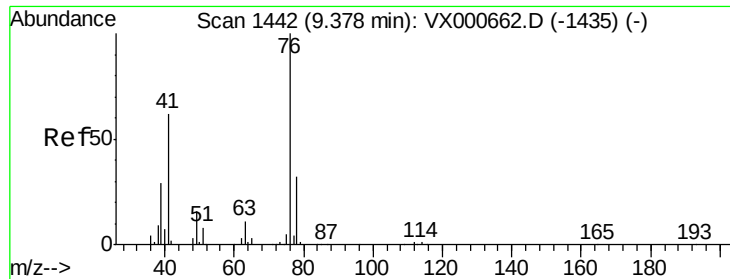
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#56
 Ethyl methacrylate
 Concen: 19.33 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion:	69	Resp:	40708
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.5	84.7
39	52.5	39.8	59.8





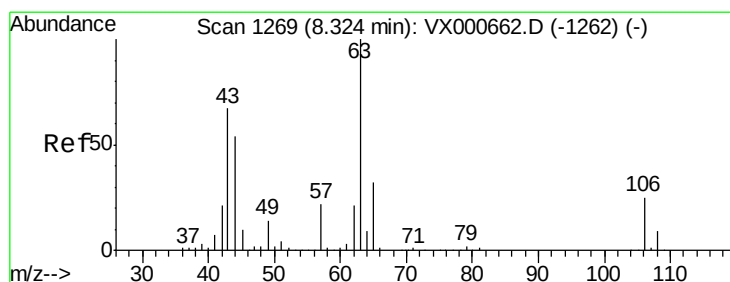
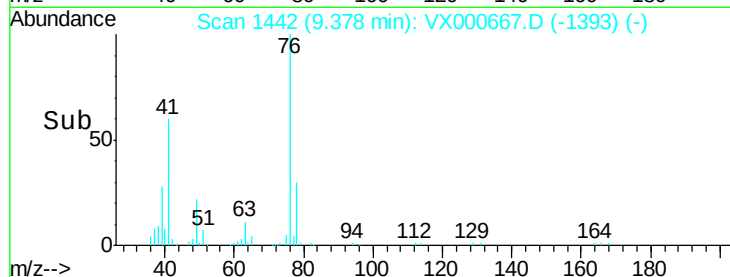
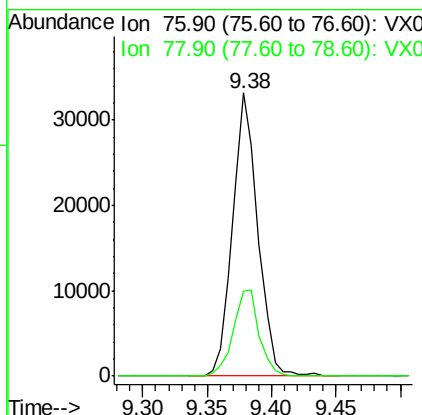
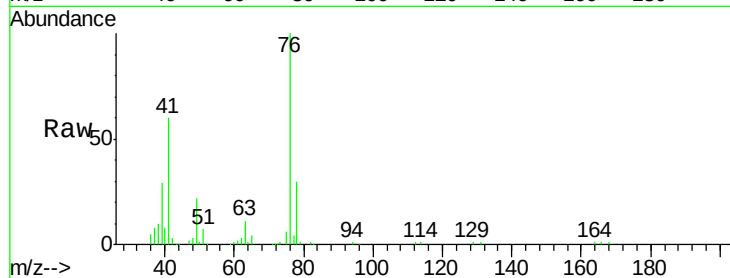
#57
 1,3-Dichloropropane
 Concen: 20.31 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion	76	Resp	45482
Ion Ratio	Lower	Upper	
76	100		
78	31.3	25.8	38.8

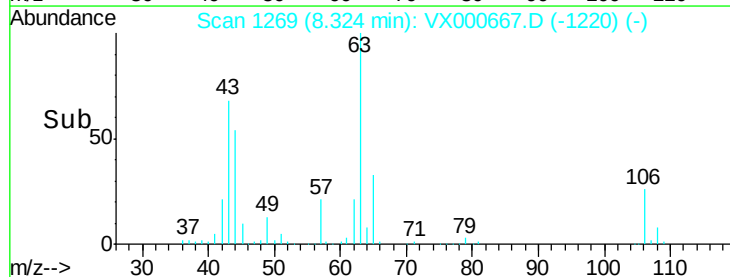
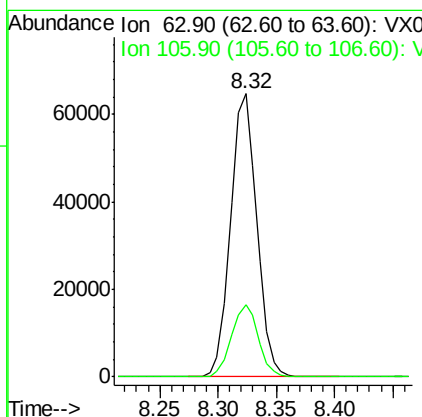
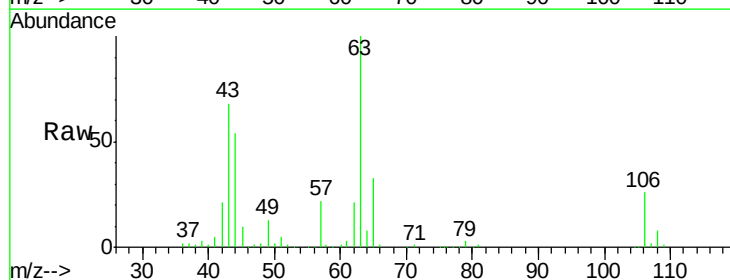
Manual Integrations
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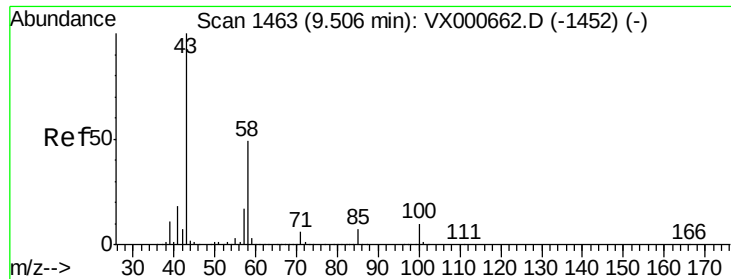
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.25 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	63	Resp	101895
Ion Ratio	Lower	Upper	
63	100		
106	26.2	20.5	30.7





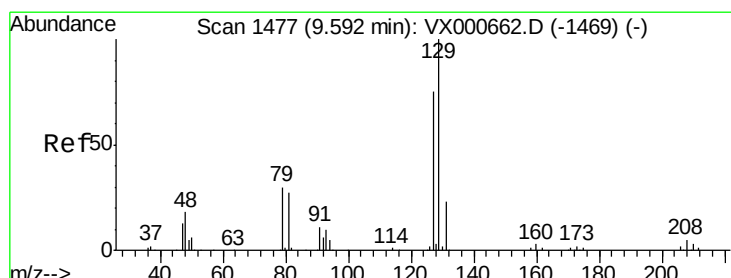
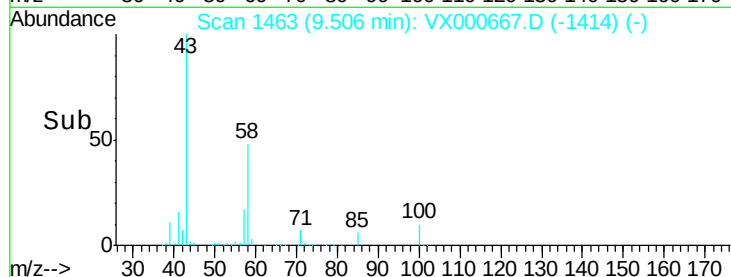
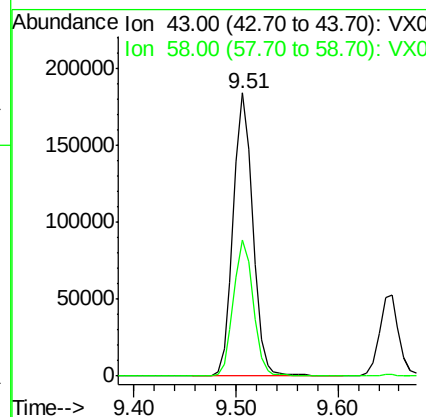
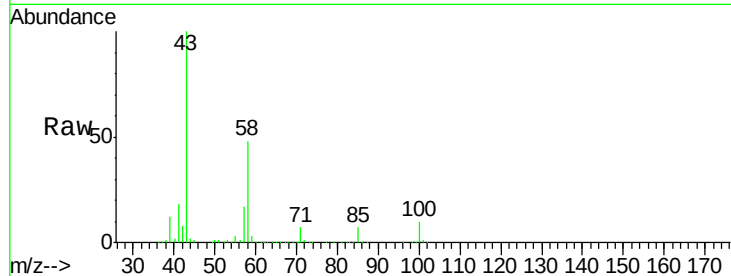
#59
2-Hexanone
Concen: 98.22 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion: 43 Resp: 243591
Ion Ratio Lower Upper
43 100
58 48.7 24.8 74.3

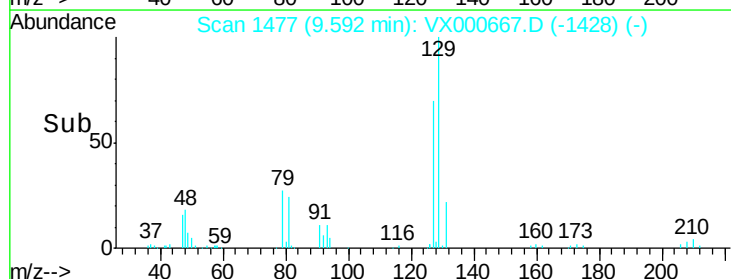
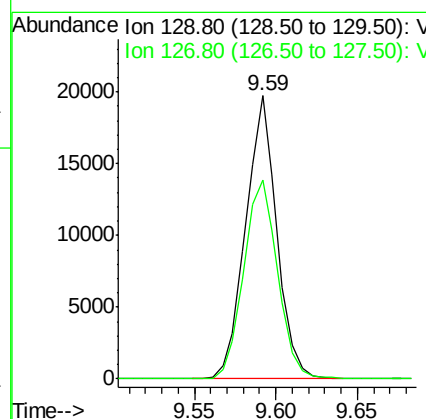
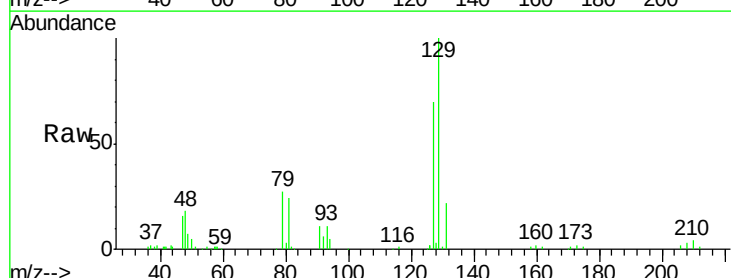
Manual Integrations
APPROVED

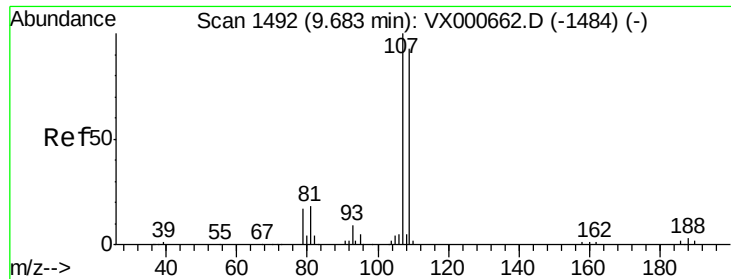
sam
4/5/2018 6:25:22 PM



#60
Dibromochloromethane
Concen: 18.61 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion:129 Resp: 26180
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.53 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion:107 Resp: 28796

Ion Ratio Lower Upper

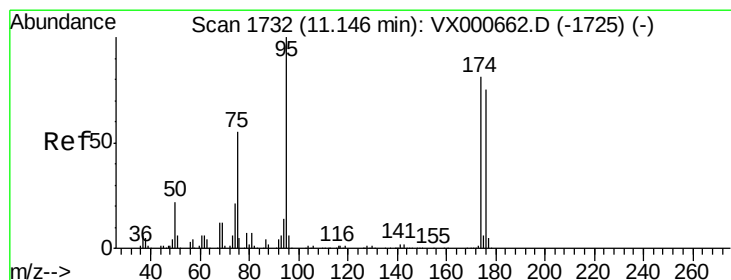
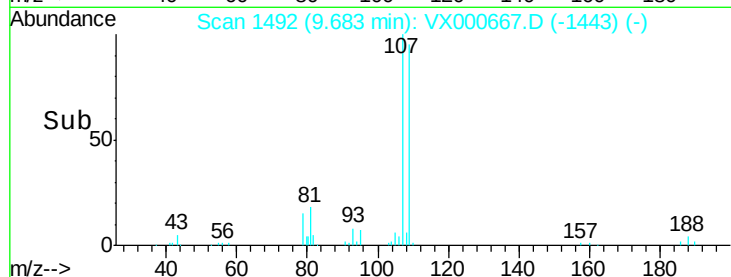
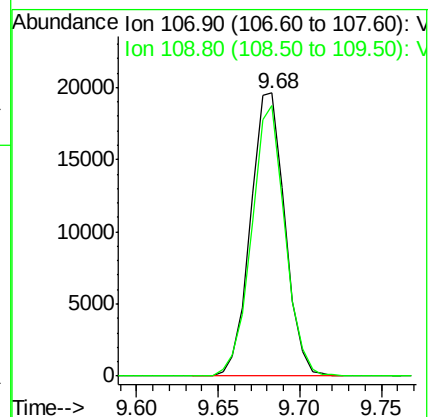
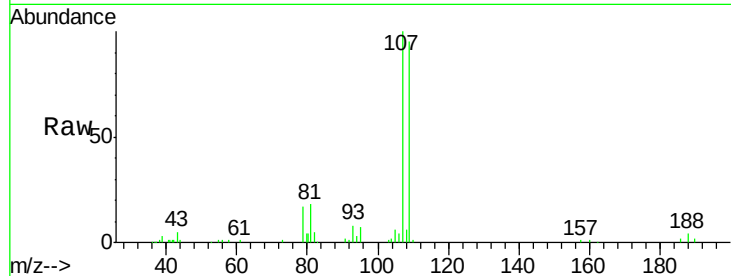
107 100

109 93.4 76.5 114.7

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sam

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#62

4-Bromofluorobenzene

Concen: 44.67 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

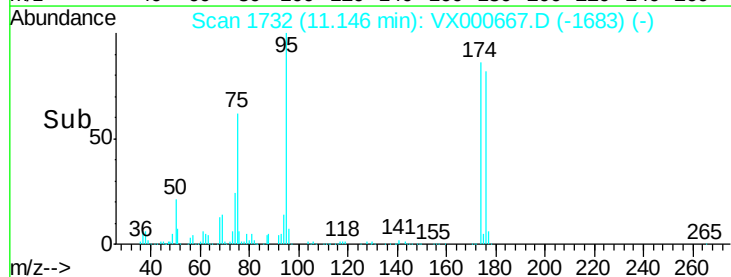
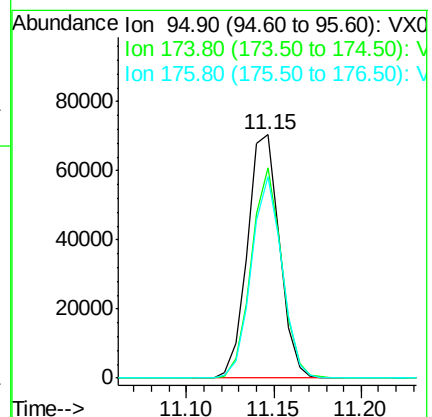
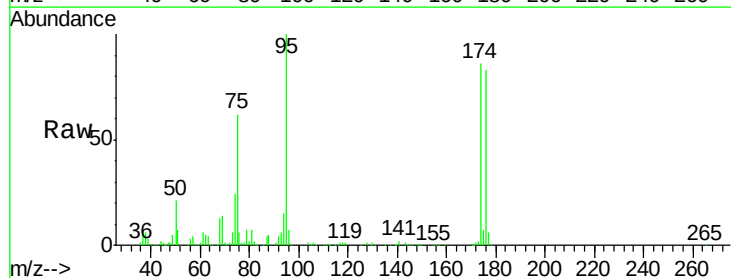
Tgt Ion: 95 Resp: 89895

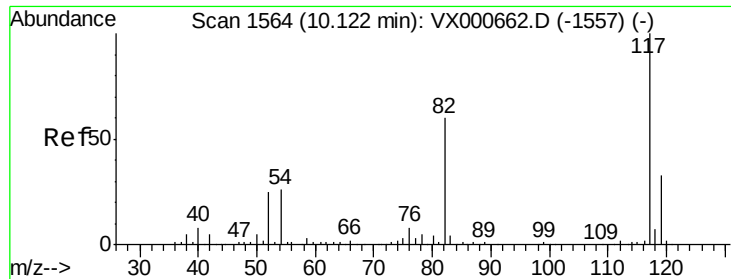
Ion Ratio Lower Upper

95 100

174 81.6 0.0 156.8

176 78.8 0.0 150.6





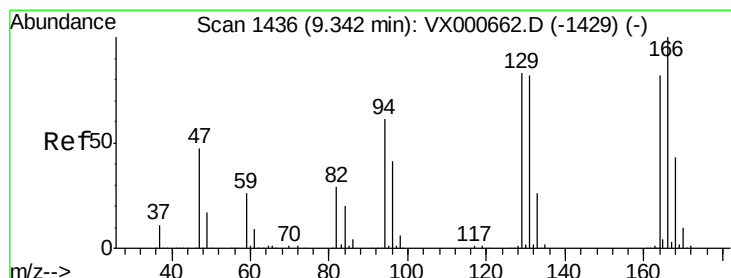
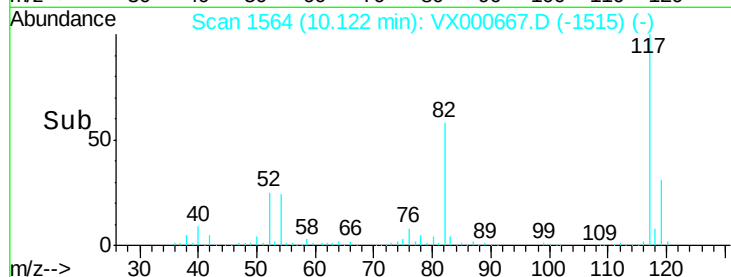
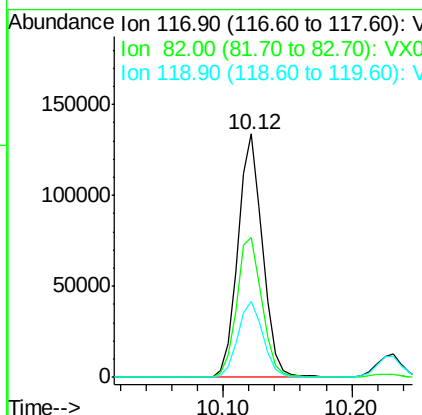
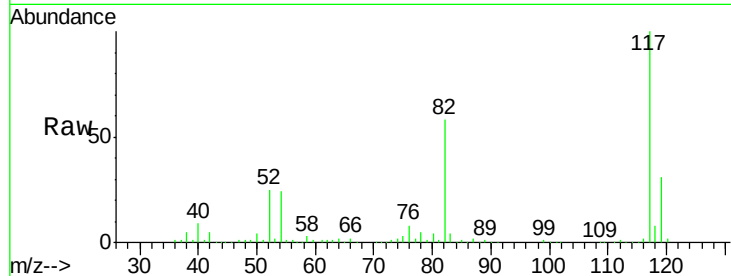
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.3	72.5
119	31.4	26.0	39.0

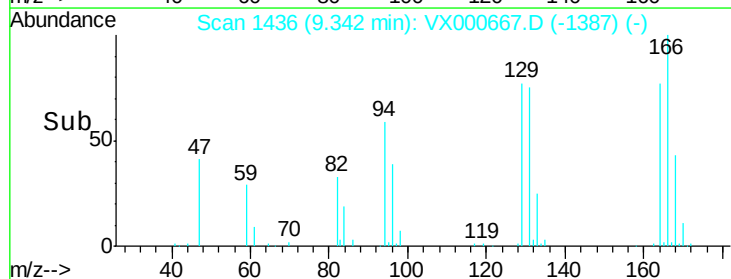
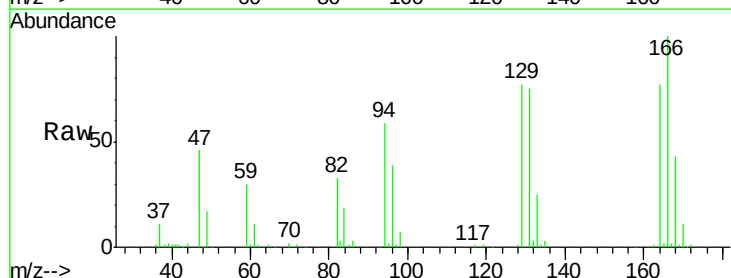
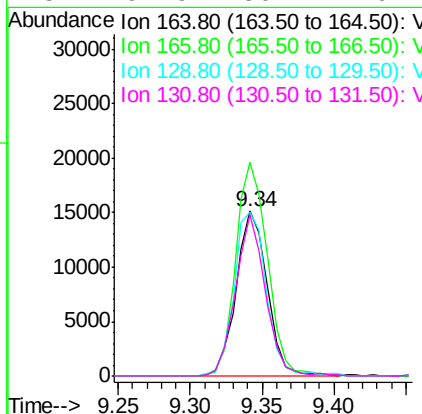
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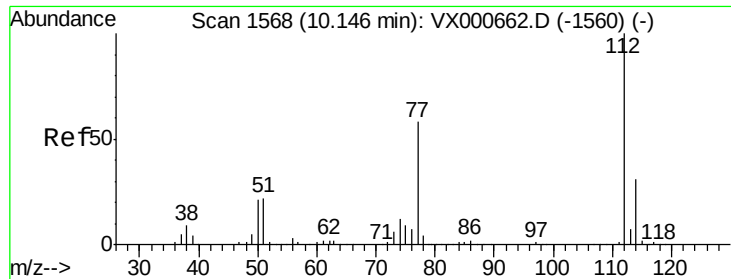
sam
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#64
Tetrachloroethene
Concen: 19.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	97.8	146.8
129	99.6	81.3	121.9
131	97.9	80.2	120.2





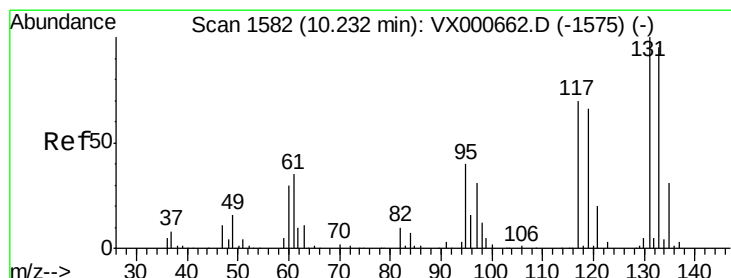
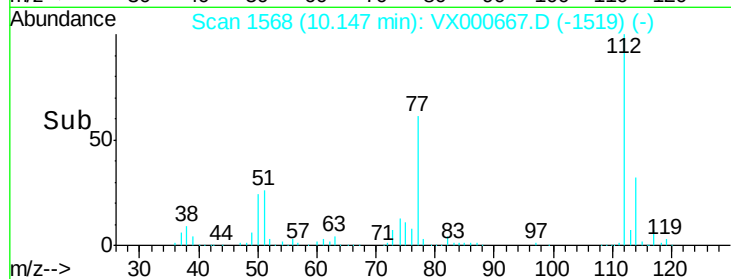
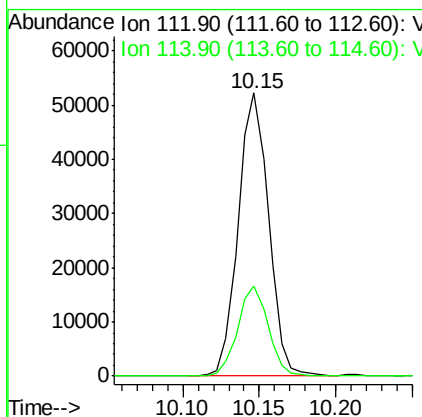
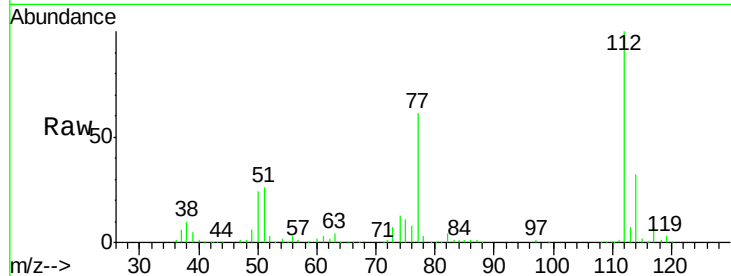
#65
Chlorobenzene
Concen: 19.98 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion:112 Resp: 72086
Ion Ratio Lower Upper
112 100
114 31.6 24.4 36.6

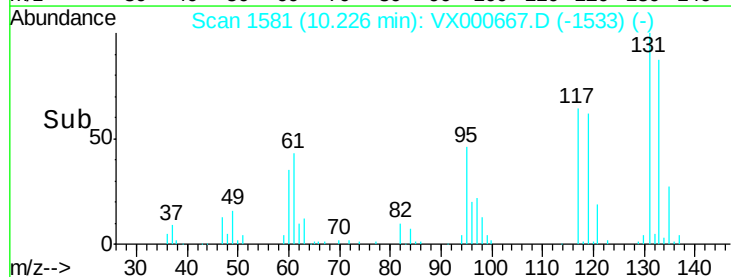
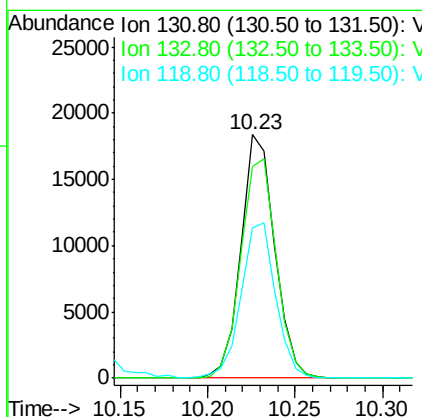
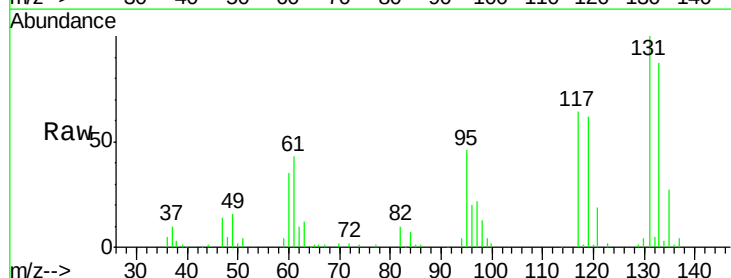
Manual Integrations
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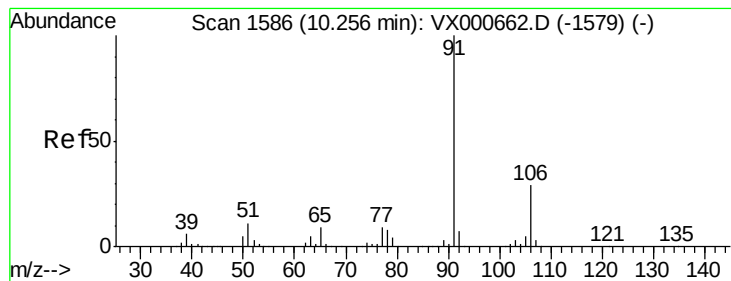
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.00 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion:131 Resp: 24612
Ion Ratio Lower Upper
131 100
133 94.9 49.0 147.2
119 65.5 34.9 104.8





#67

Ethyl Benzene

Concen: 20.25 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 91 Resp: 129284

Ion Ratio Lower Upper

91 100

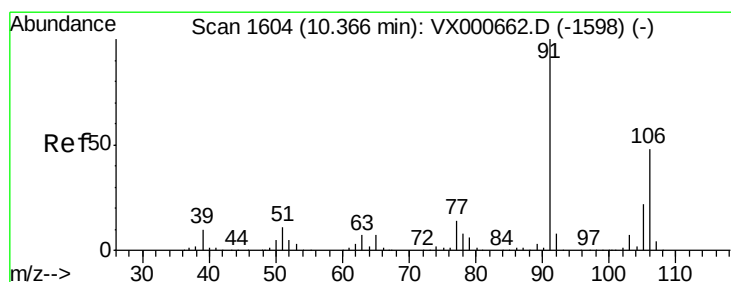
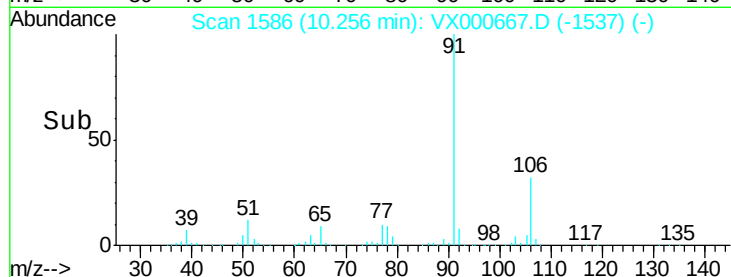
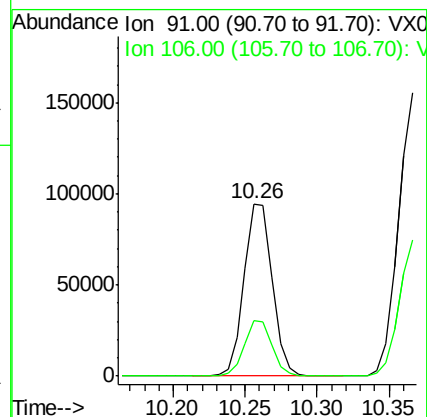
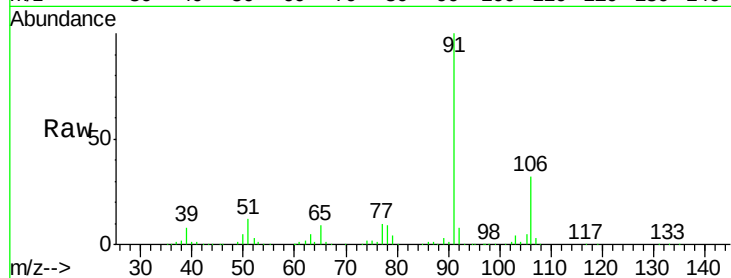
106 32.3 23.4 35.2

Manual Integrations

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sam

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#68

m/p-Xylenes

Concen: 40.61 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000667.D

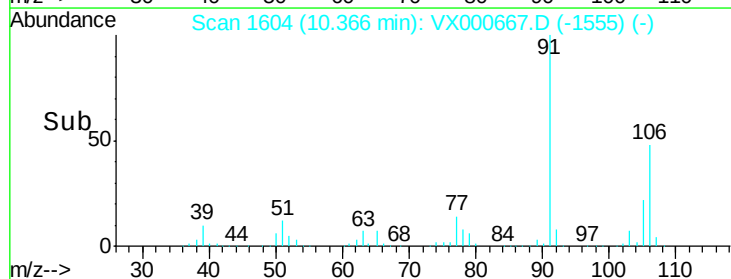
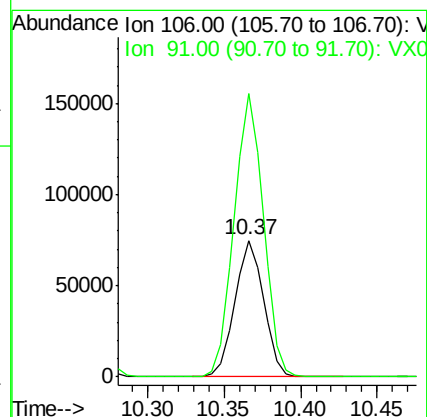
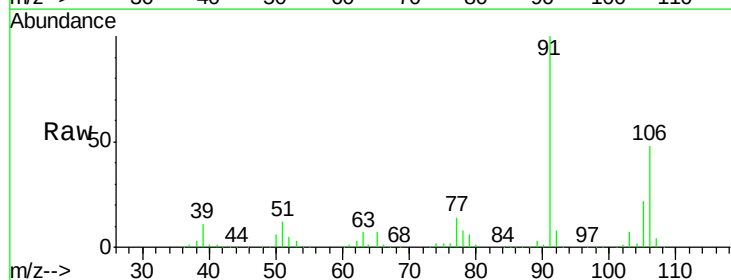
Acq: 04 Apr 2018 20:01

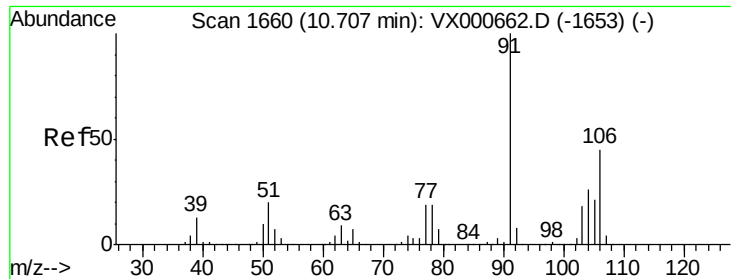
Tgt Ion: 106 Resp: 97715

Ion Ratio Lower Upper

106 100

91 210.9 167.0 250.6





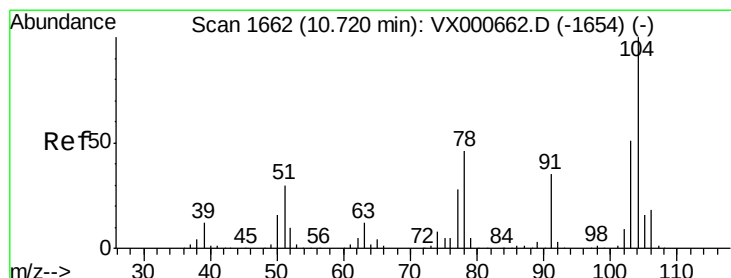
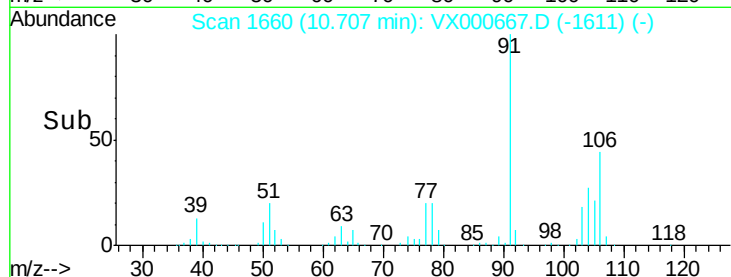
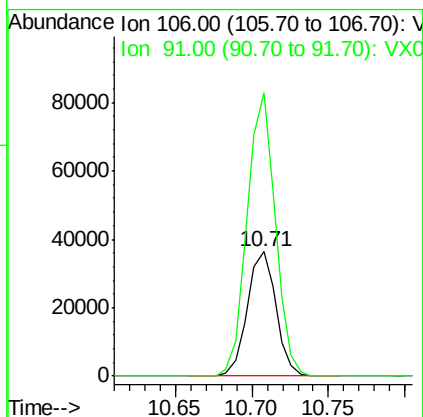
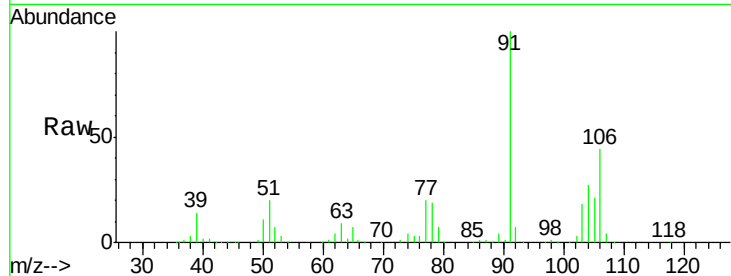
#69
o-Xylene
Concen: 20.08 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion:106 Resp: 47577
Ion Ratio Lower Upper
106 100
91 222.8 111.6 334.6

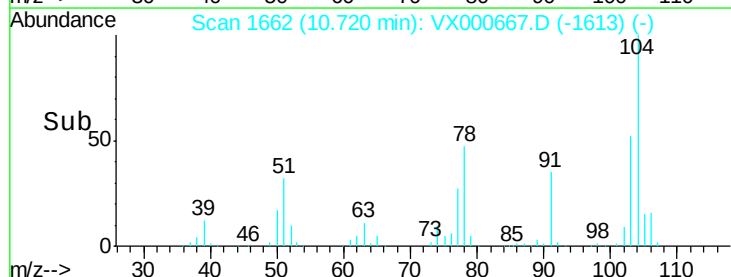
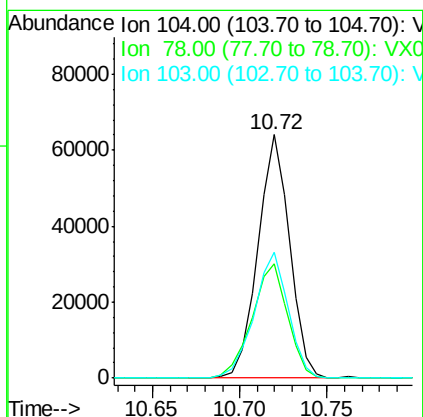
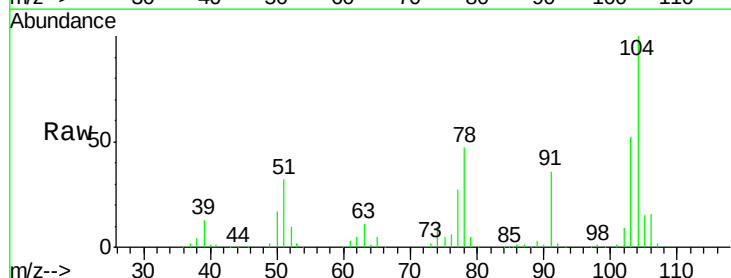
Manual Integrations
APPROVED

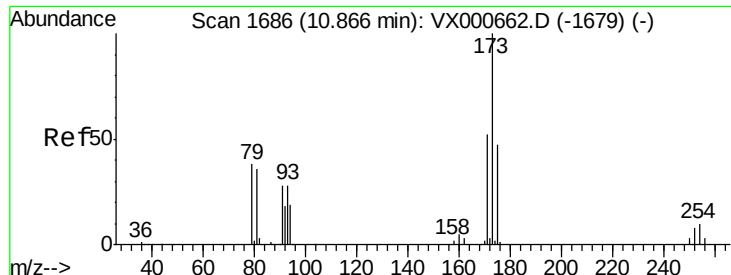
sam
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#70
Styrene
Concen: 20.23 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion:104 Resp: 80818
Ion Ratio Lower Upper
104 100
78 53.2 41.9 62.9
103 55.7 45.3 67.9





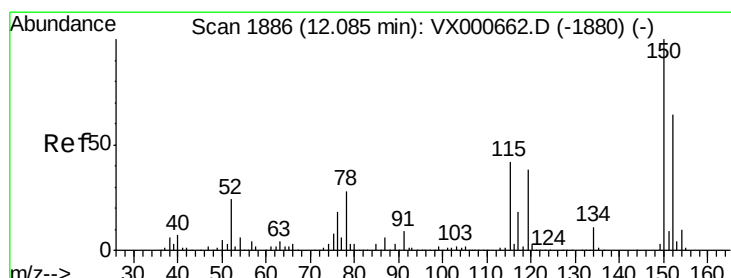
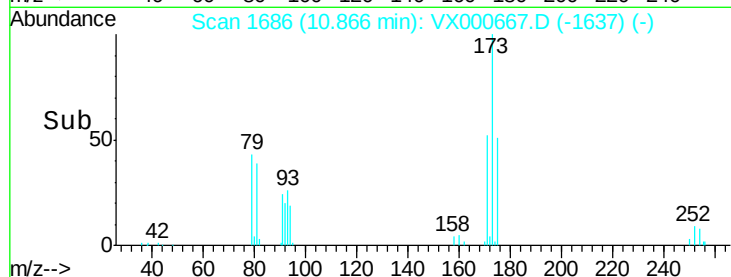
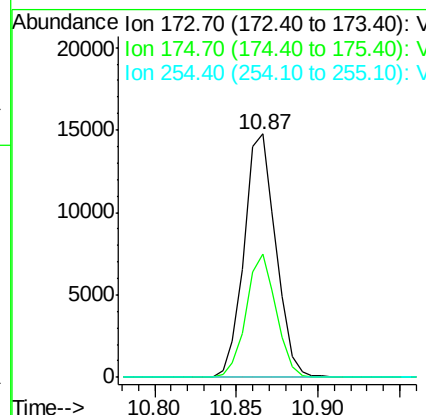
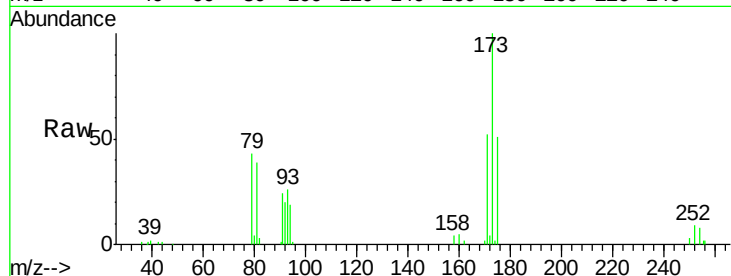
#71
Bromoform
Concen: 19.23 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.0	72.0
254	0.0	0.0	0.0

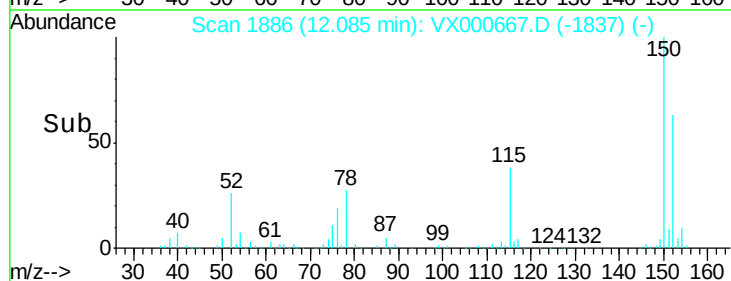
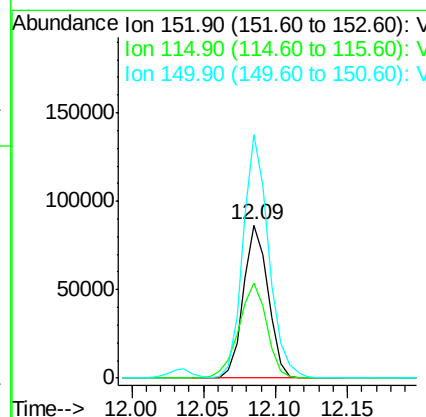
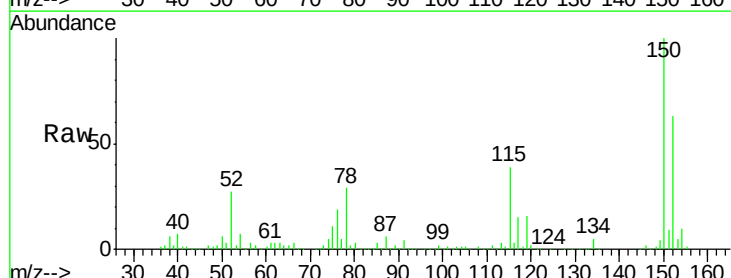
Manual Integrations
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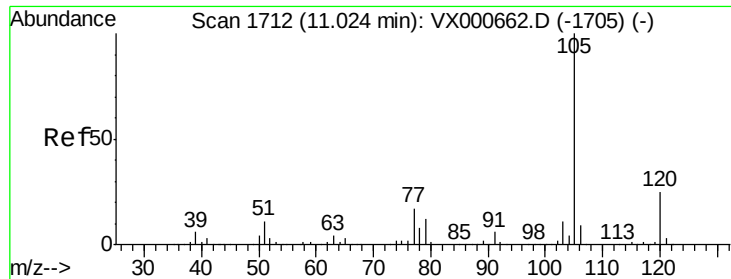
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.7	41.9	125.8
150	165.2	0.0	348.0





#73

Isopropylbenzene

Concen: 21.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion: 105 Resp: 132142

Ion Ratio Lower Upper

105 100

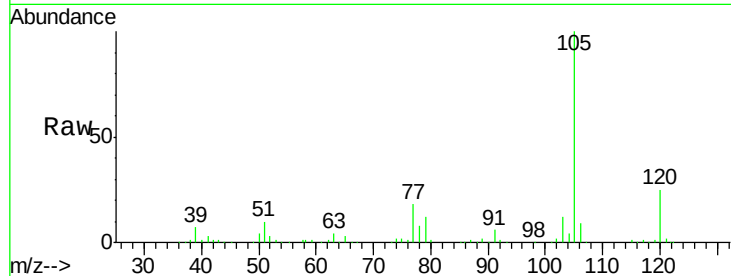
120 25.7 13.0 38.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

120000

100000

80000

60000

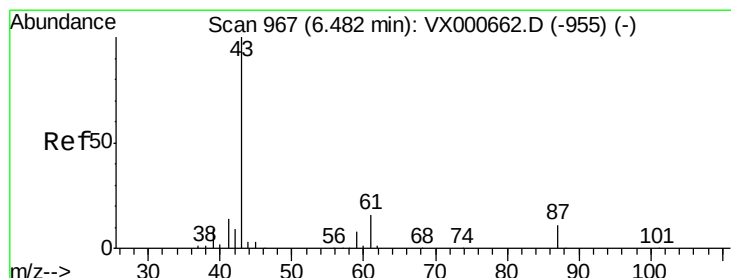
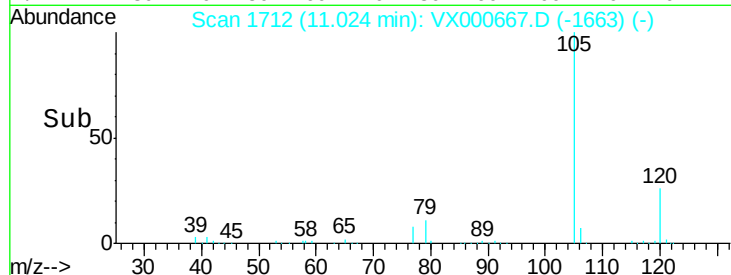
40000

20000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 20.64 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion: 43 Resp: 68889

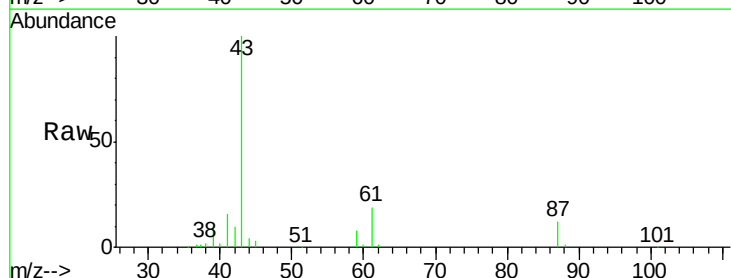
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 16.8 13.4 20.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

30000

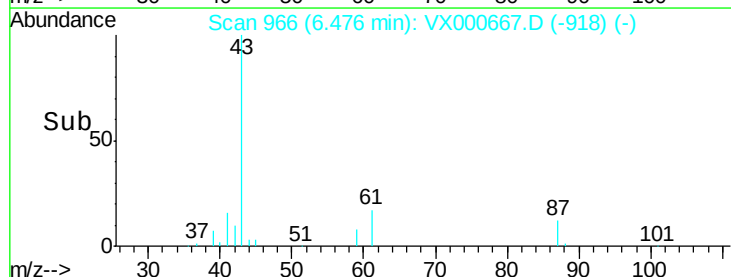
20000

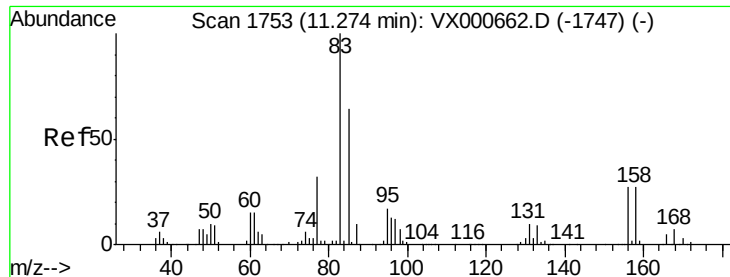
10000

0

Time-->

6.35 6.40 6.45 6.50 6.55





#75

1,1,2,2-Tetrachloroethane

Concen: 21.04 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

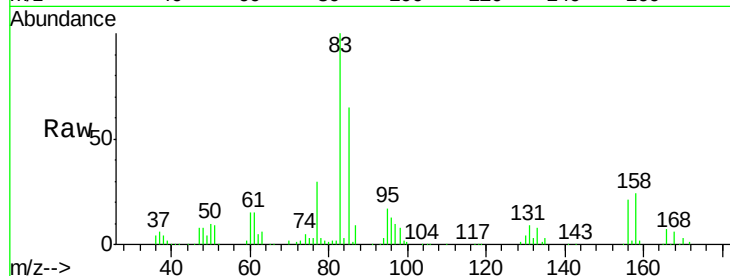
ClientSampled :

VX0404WBS01

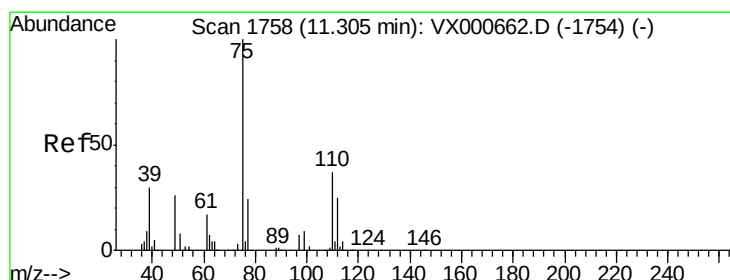
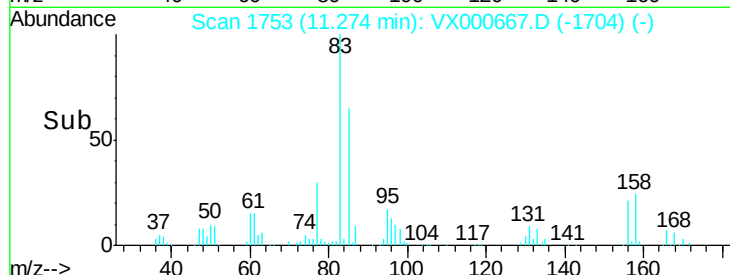
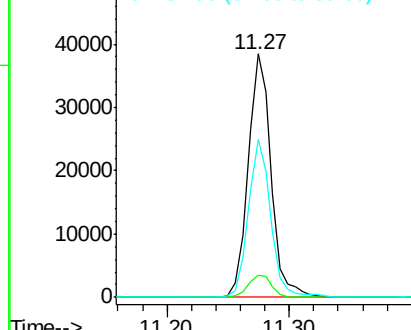
Tot Ion:	83	Resp:	49801
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	63.6	32.0	96.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.81 ug/l m

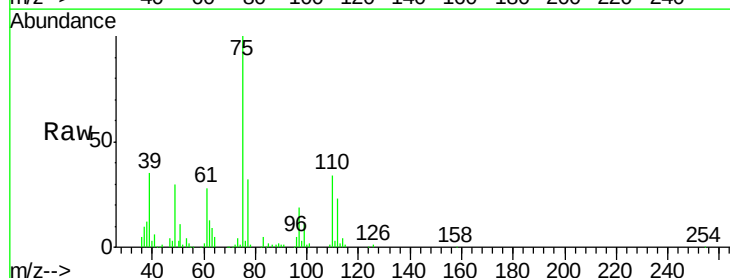
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

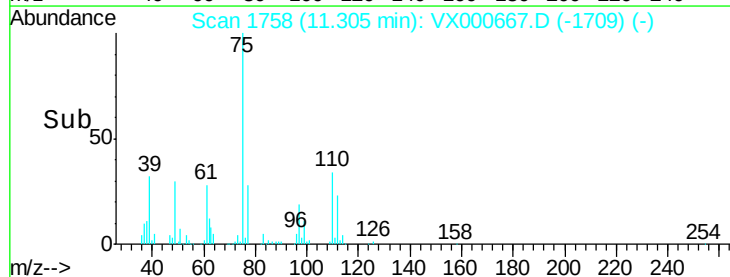
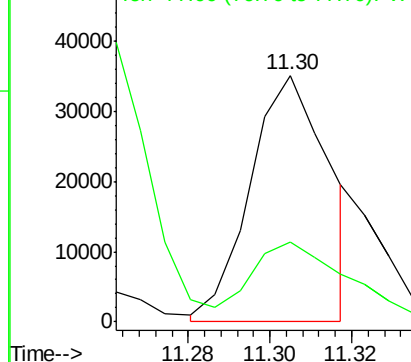
Lab File: VX000667.D

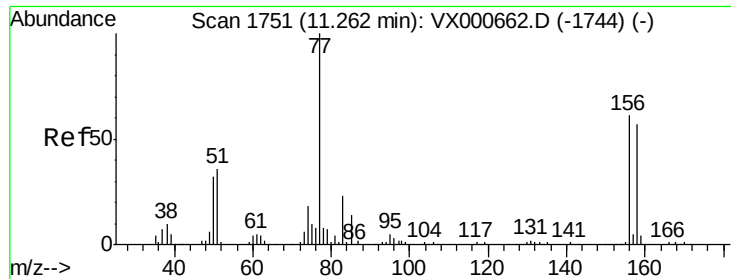
Acq: 04 Apr 2018 20:01

Tgt Ion:	75	Resp:	46703
Ion Ratio	Lower	Upper	
75	100		
77	40.3	20.2	60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBS01

Tot Ion:156 Resp: 30774

Ion Ratio Lower Upper

156 100

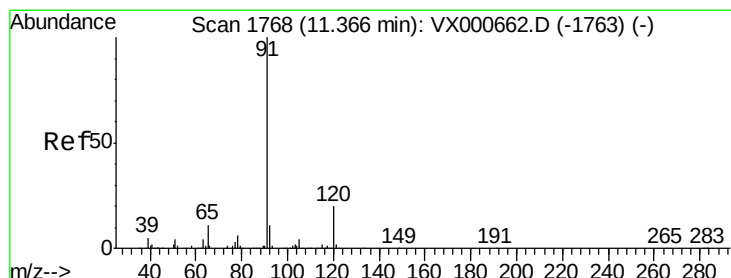
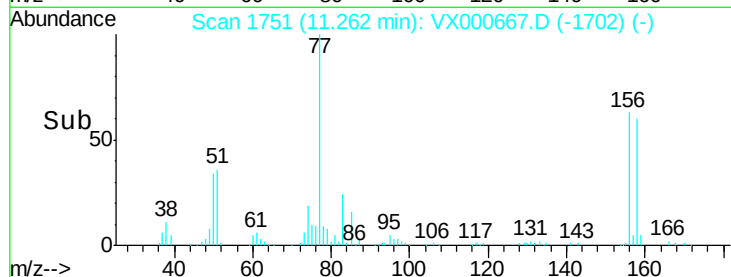
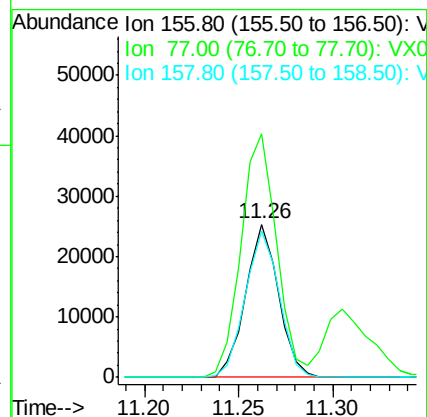
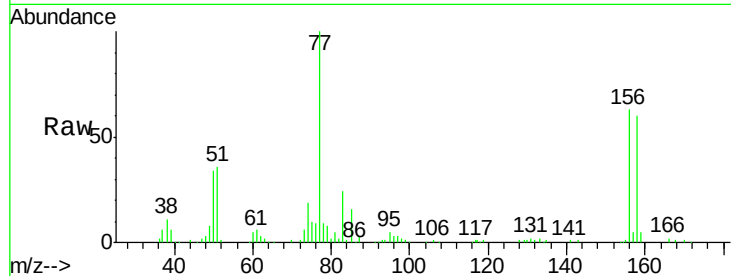
77 171.9 82.3 246.9

158 98.9 46.9 140.7

Manual Integrations
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sam

4/5/2018 6:25:22 PM



#78

n-propylbenzene

Concen: 21.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000667.D

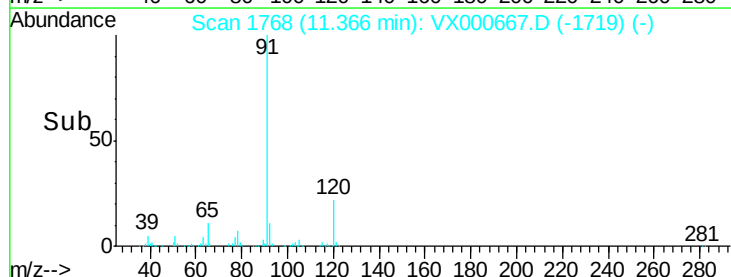
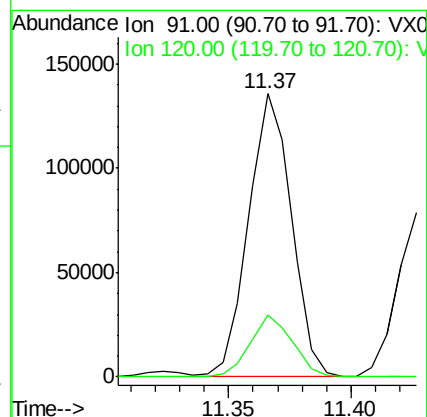
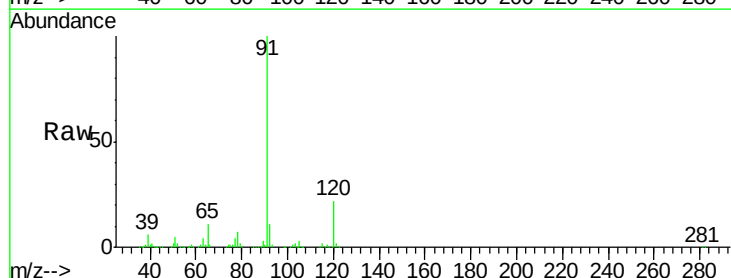
Acq: 04 Apr 2018 20:01

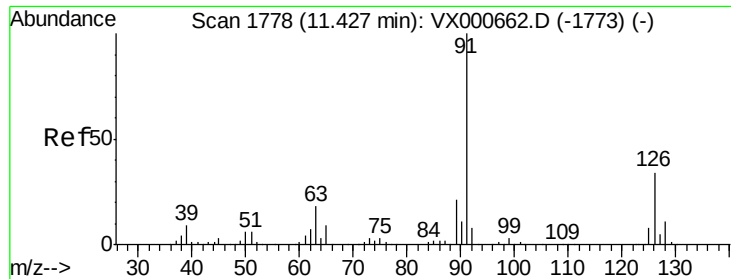
Tgt Ion: 91 Resp: 164953

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.9





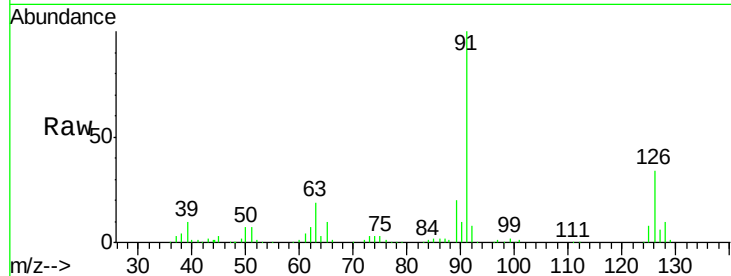
#79
 2-Chlorotoluene
 Concen: 21.48 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

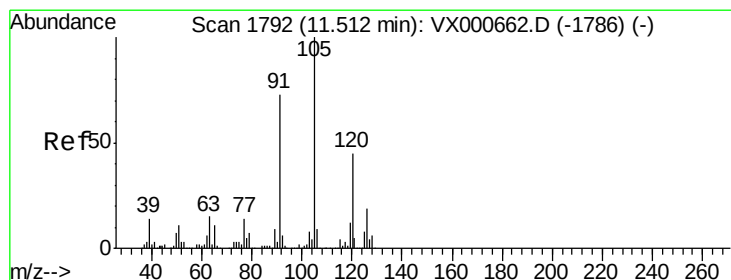
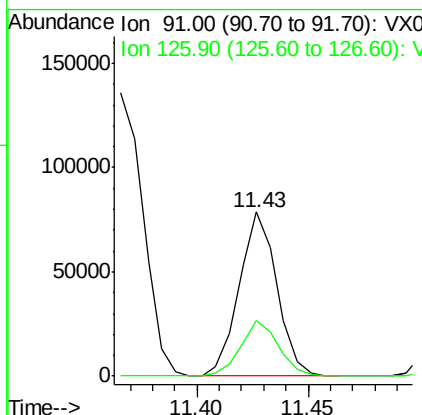
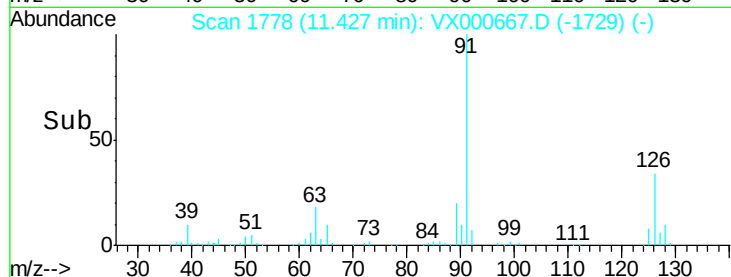
Tot Ion: 91 Resp: 92523
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.3 51.9

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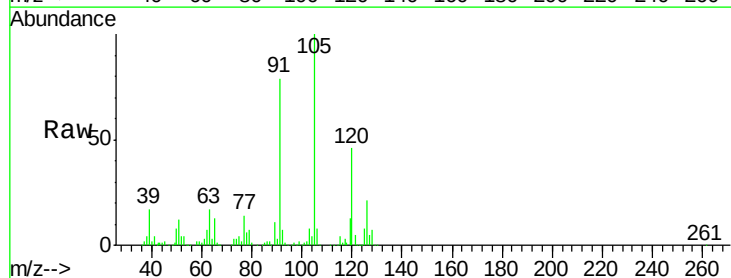


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

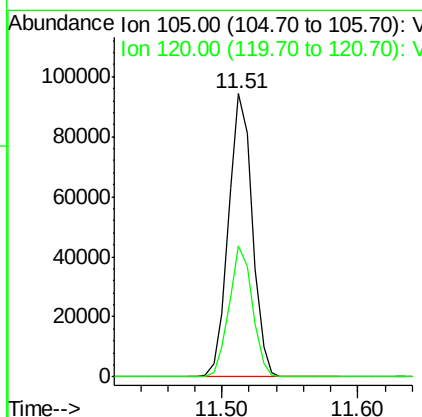
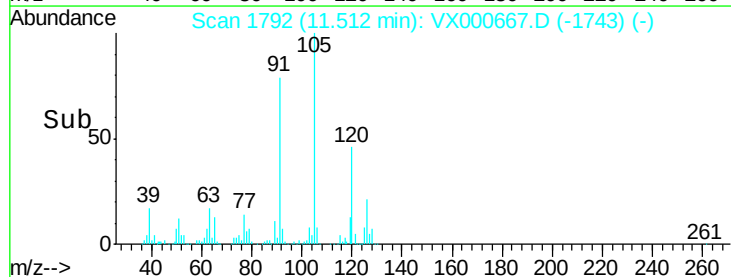


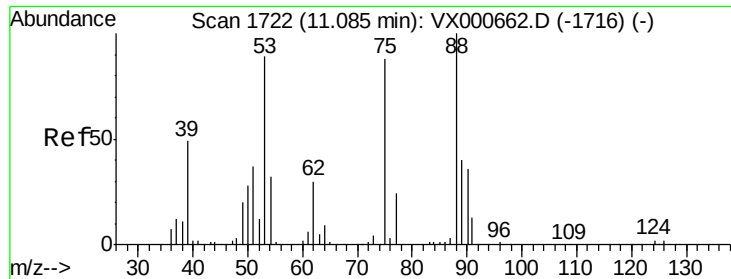
#80
 1,3,5-Trimethylbenzene
 Concen: 21.52 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion: 105 Resp: 114296
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





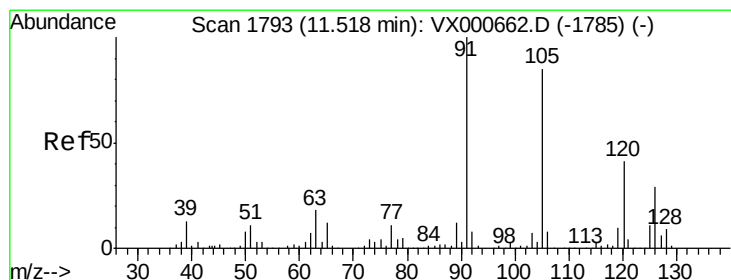
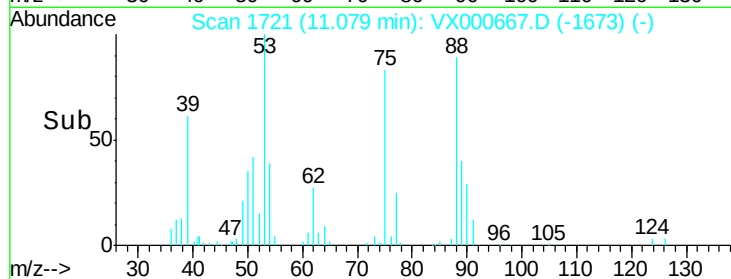
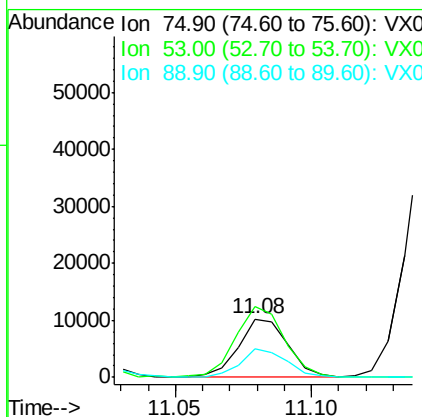
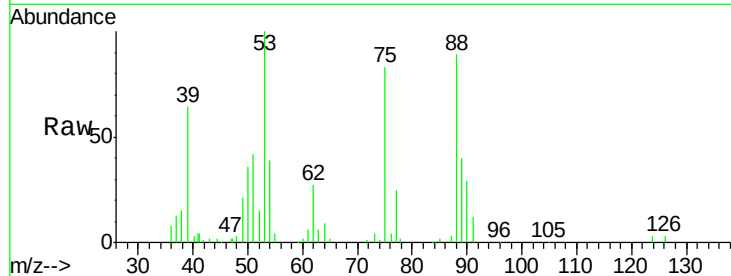
#81
trans-1,4-Dichloro-2-butene
Concen: 20.58 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion: 75 Resp: 12880
Ion Ratio Lower Upper
75 100
53 120.6 85.7 128.5
89 45.8 36.3 54.5

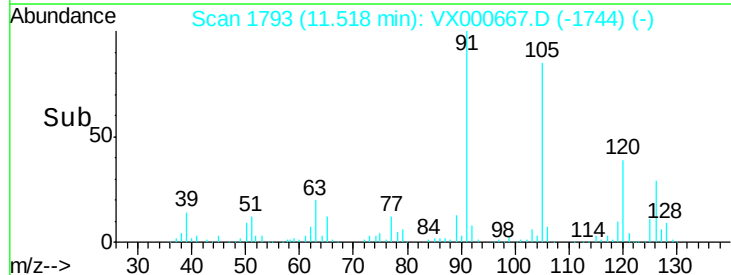
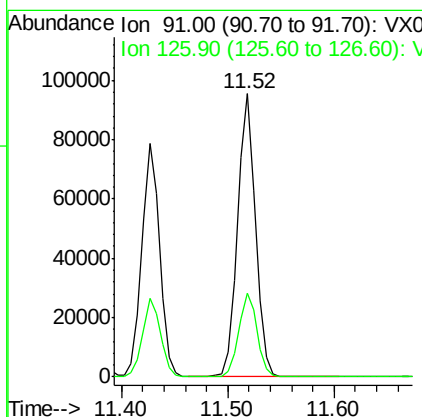
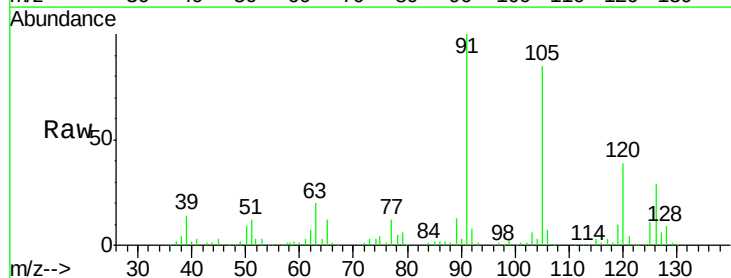
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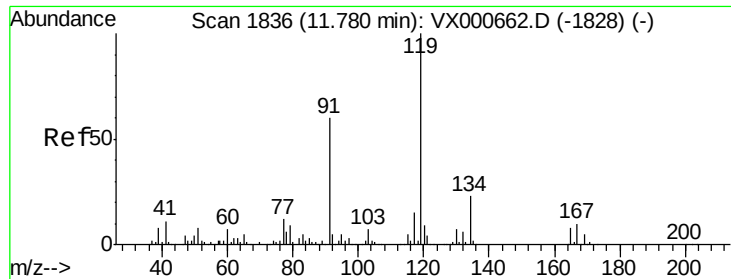
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#82
4-Chlorotoluene
Concen: 21.02 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion: 91 Resp: 113341
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.3





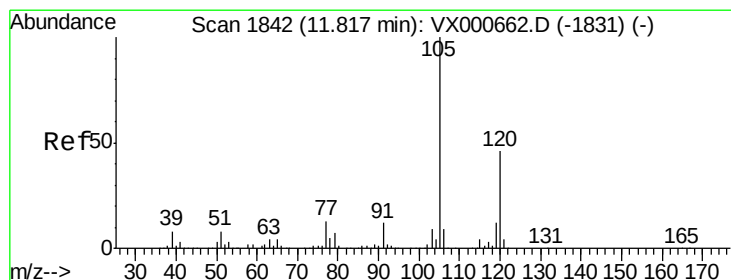
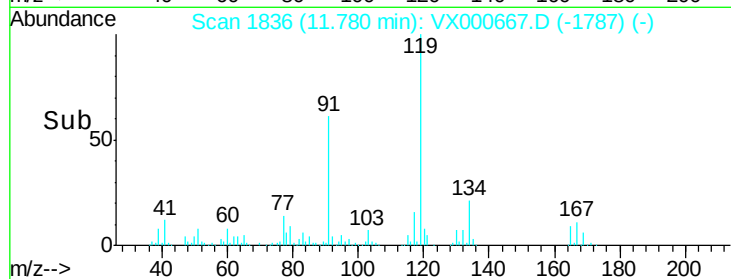
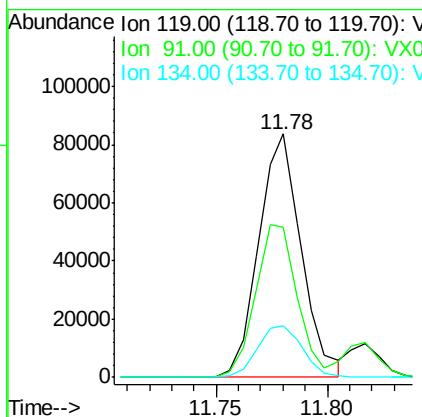
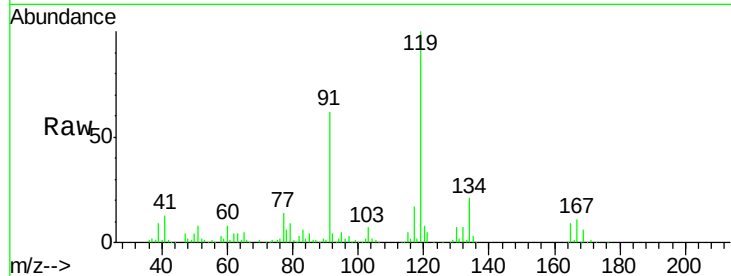
#83
 tert-Butylbenzene
 Concen: 21.40 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	110800		
91	61.6	30.9	92.8	
134	22.3	11.1	33.3	

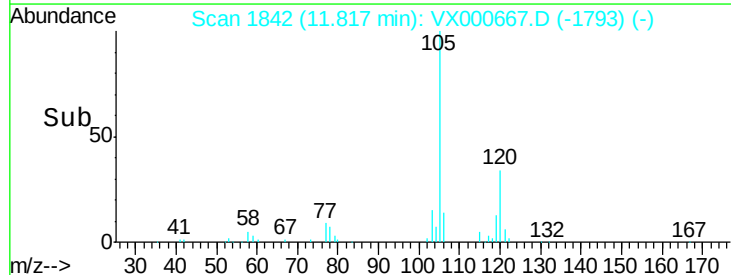
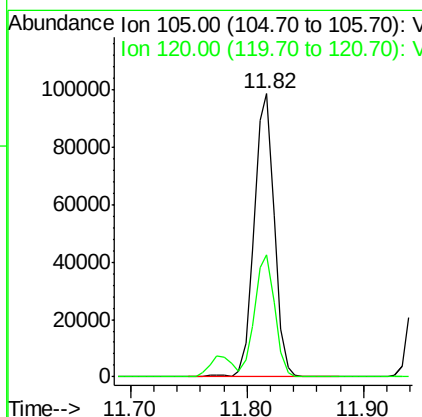
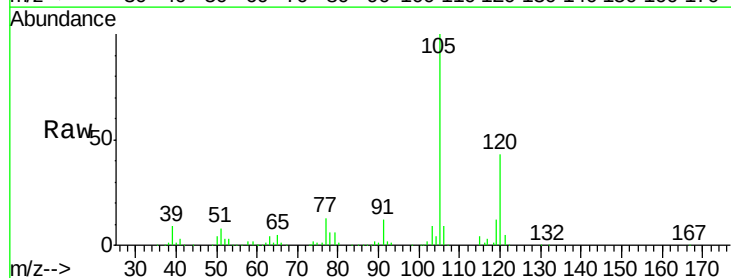
Manual Integrations
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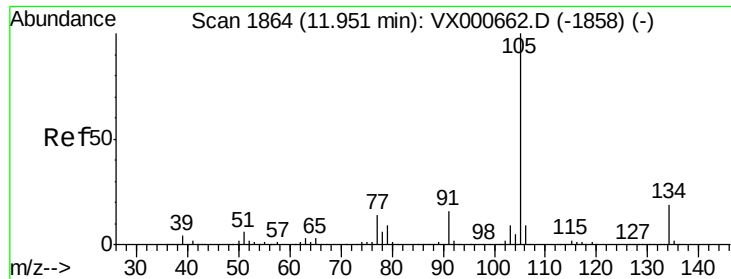
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.46 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119224		
120	43.3	21.6	65.0	





#85

sec-Butylbenzene

Concen: 21.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

ClientSampled :

VX0404WBS01

Tot Ion:105 Resp: 143257

Ion Ratio Lower Upper

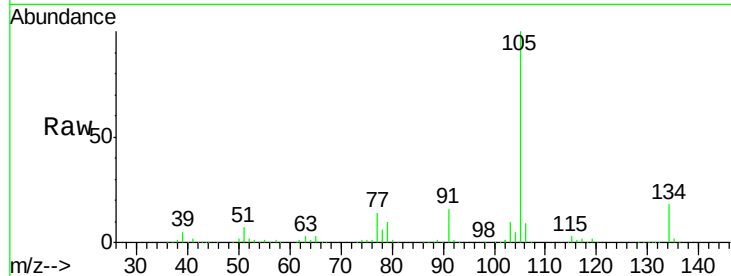
105 100

134 18.9 9.6 28.6

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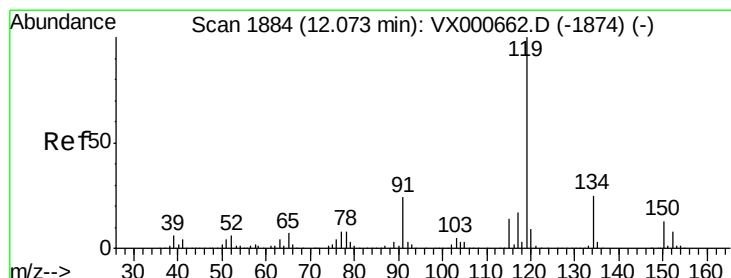
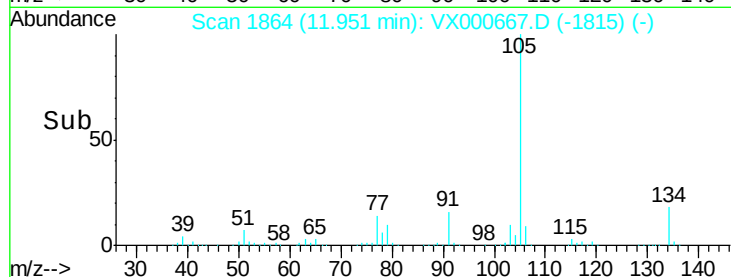
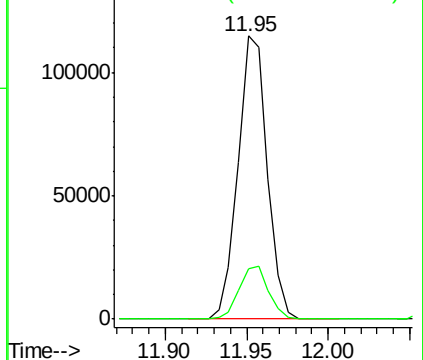
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.84 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

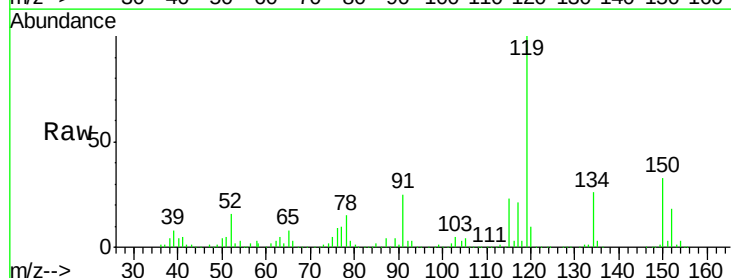
Tgt Ion:119 Resp: 125043

Ion Ratio Lower Upper

119 100

134 24.9 12.9 38.6

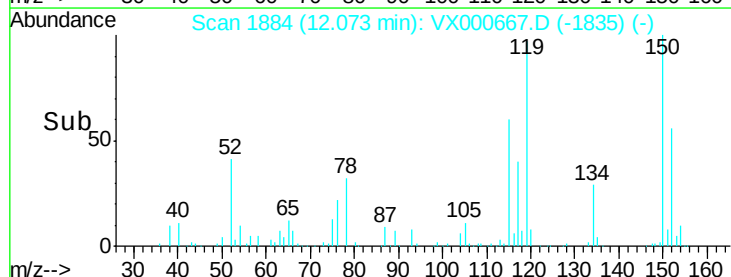
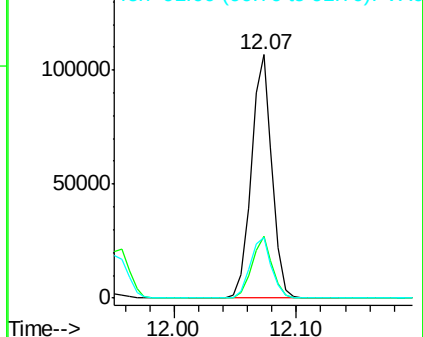
91 26.0 12.6 37.6

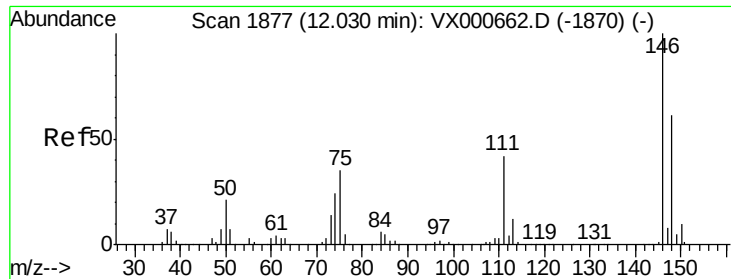


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





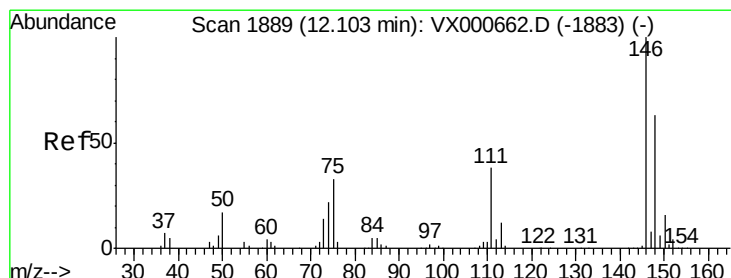
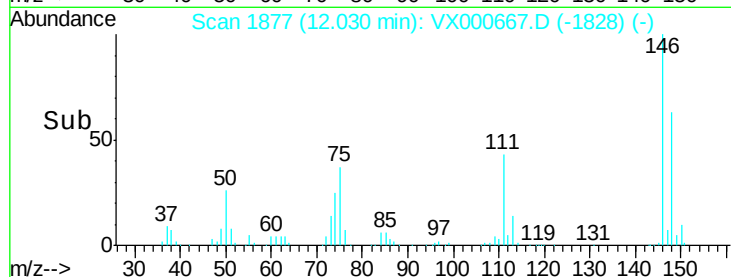
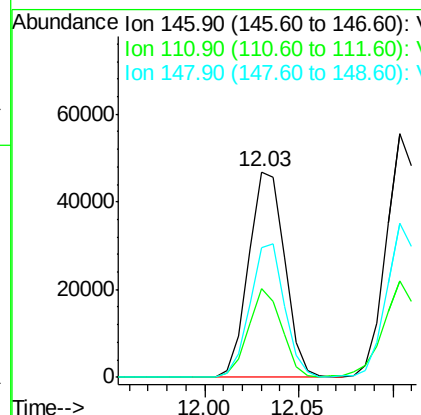
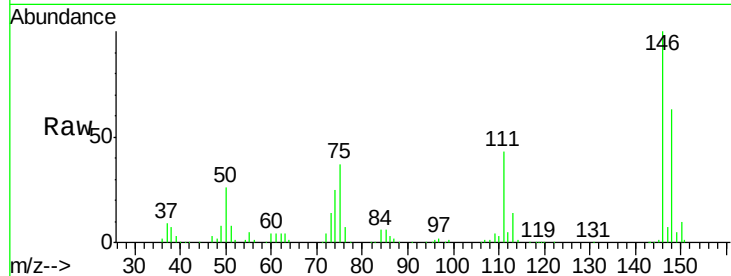
#87
 1,3-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	62.1	31.0	93.0

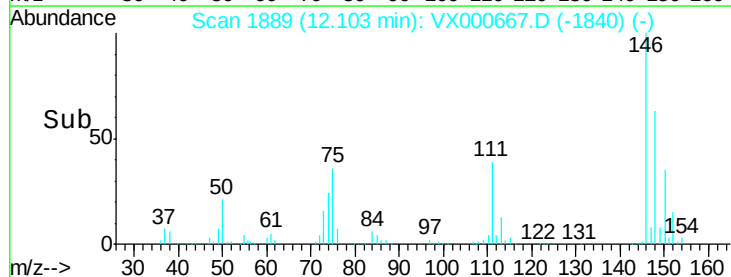
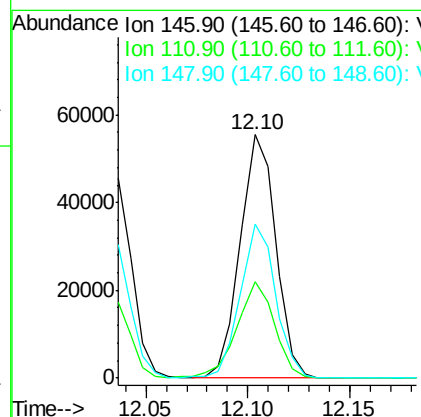
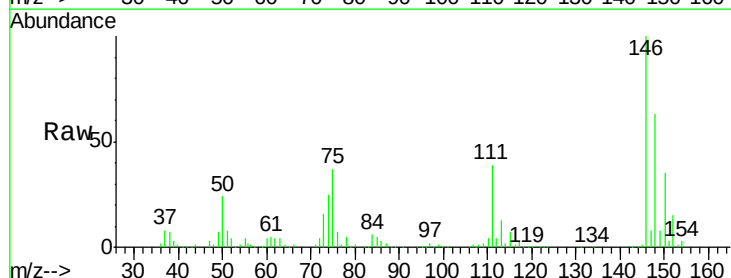
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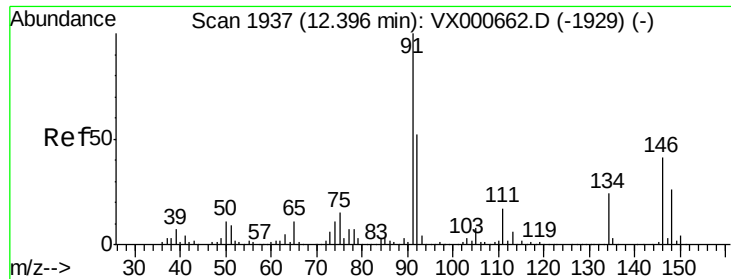
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#88
 1,4-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.1	60.3
148	62.6	31.8	95.4





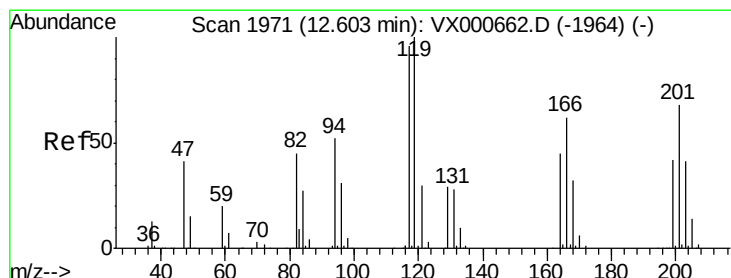
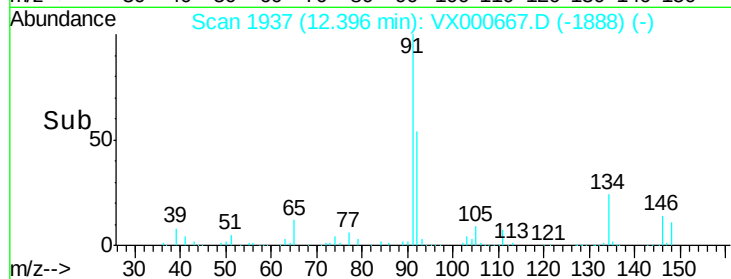
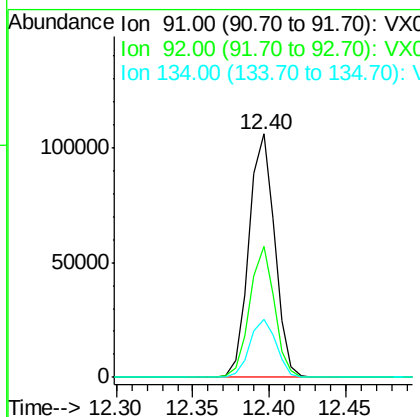
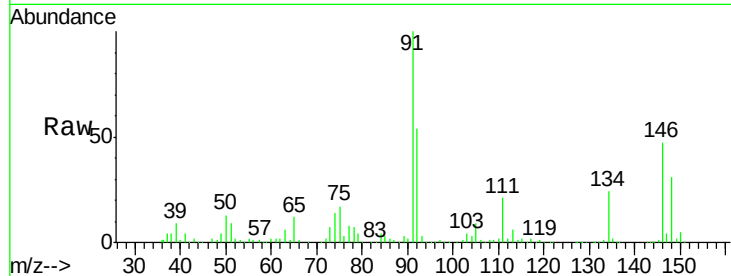
#89
n-Butylbenzene
Concen: 21.26 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Instrument :
MSVOA_X
ClientSampled :
VX0404WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	124151		
92	51.7	25.9	77.8	
134	24.3	12.2	36.6	

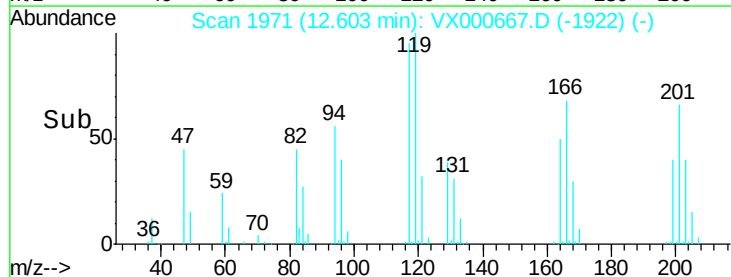
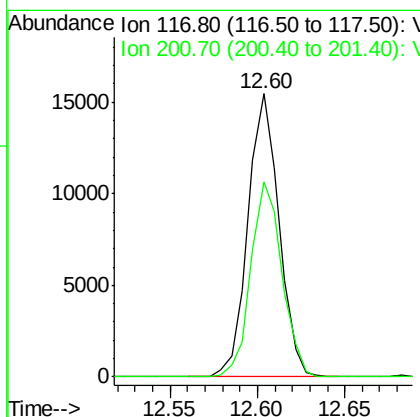
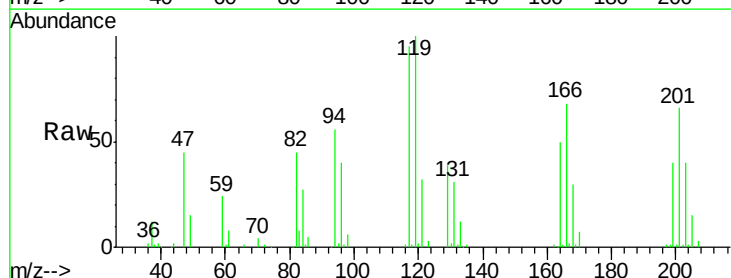
Manual Integrations
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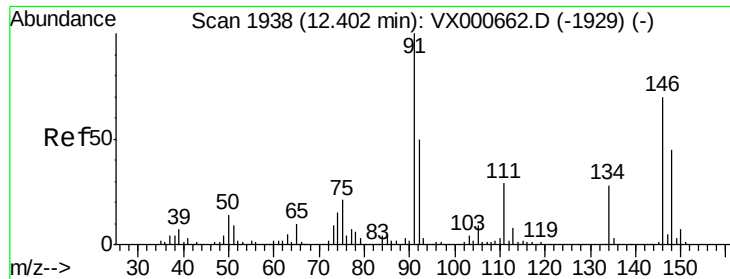
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#90
Hexachloroethane
Concen: 19.63 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000667.D
Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19089		
201	68.9	33.9	101.6	





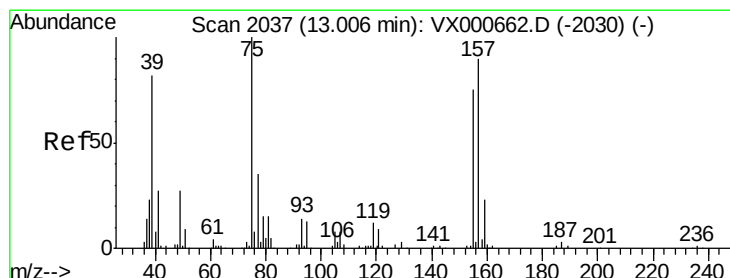
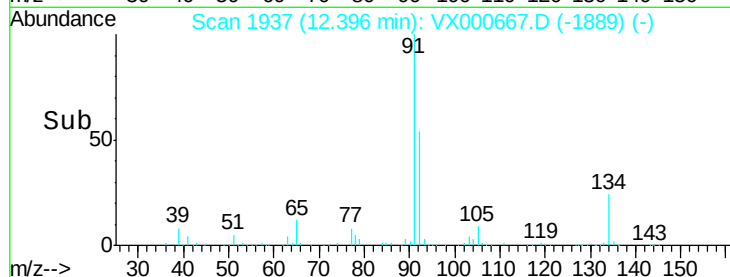
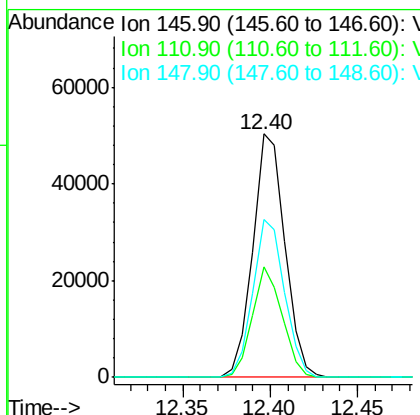
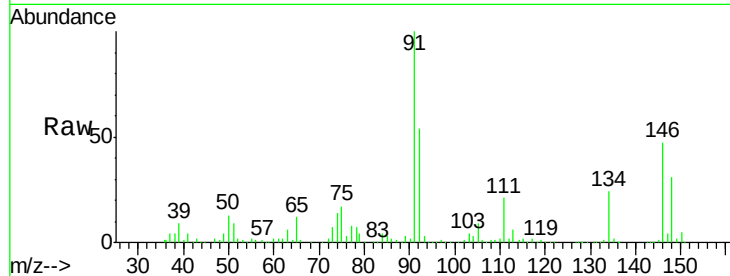
#91
 1,2-Dichlorobenzene
 Concen: 20.29 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.7
148	64.2	31.8	95.3

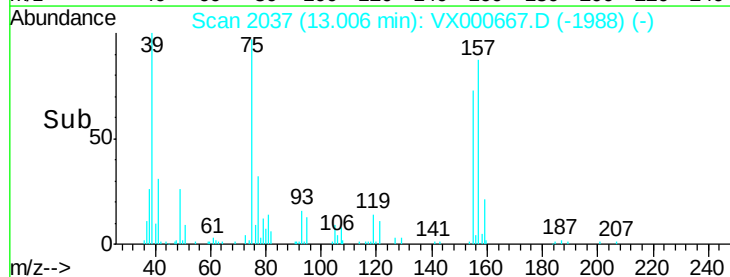
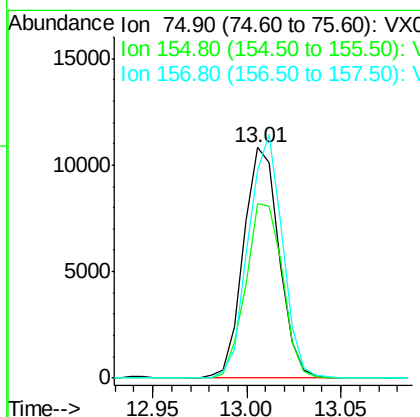
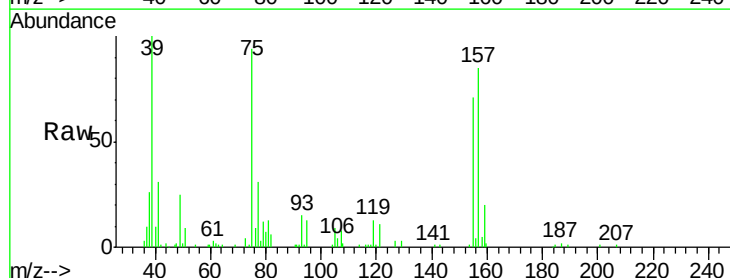
Manual Integrations
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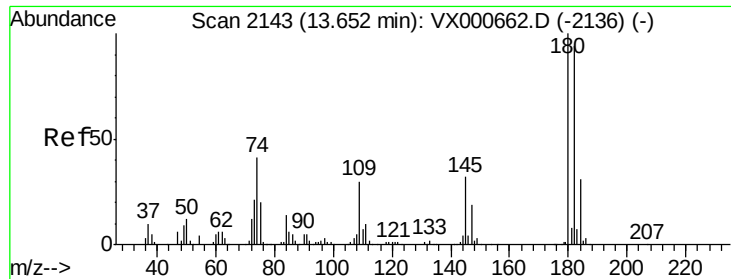
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	38.9	116.7
157	100.7	49.1	147.3





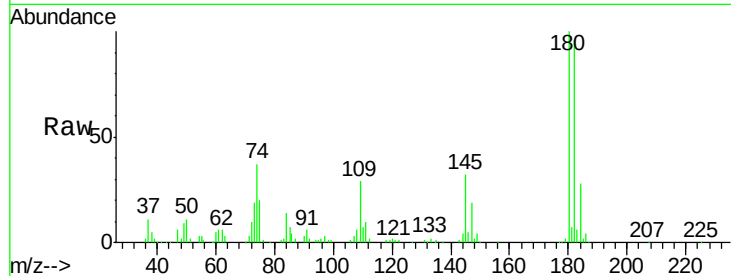
#93
 1,2,4-Trichlorobenzene
 Concen: 21.17 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

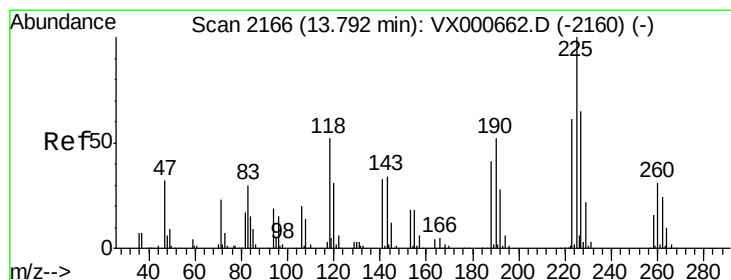
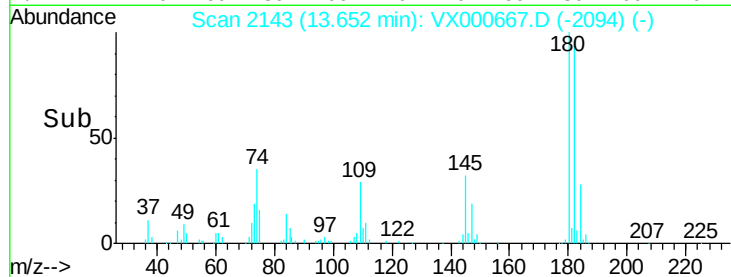
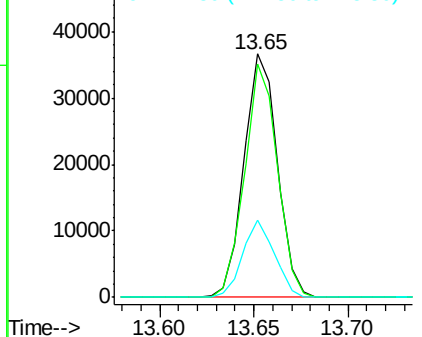
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.2
145	30.1	14.8	44.3

Manual Integrations
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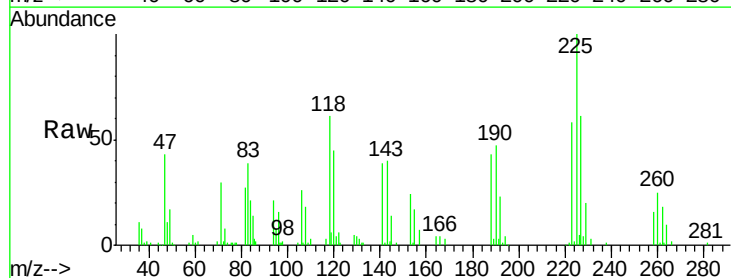


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

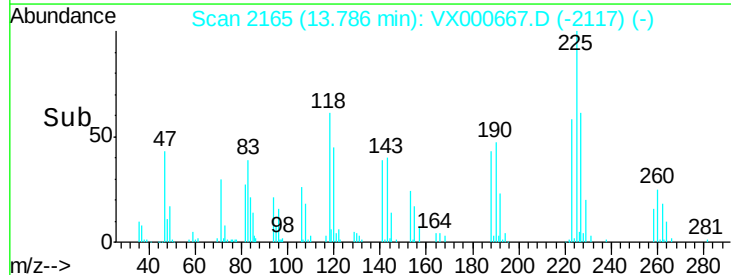
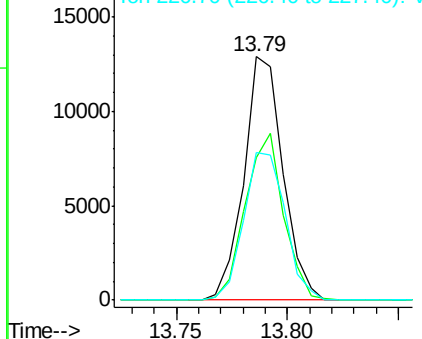


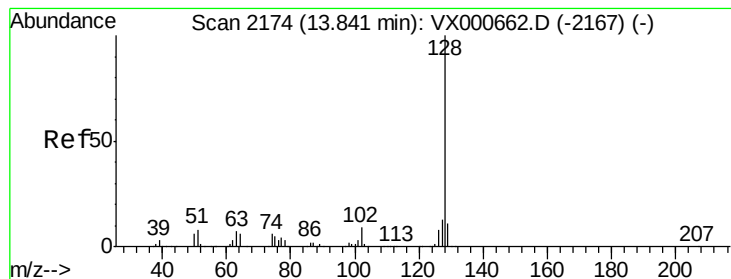
#94
 Hexachlorobutadiene
 Concen: 19.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000667.D
 Acq: 04 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	31.4	94.0
227	64.4	32.7	98.1



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





#95

Naphthalene

Concen: 21.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Instrument :

MSVOA_X

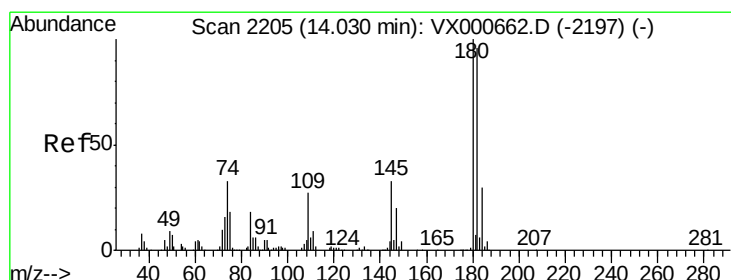
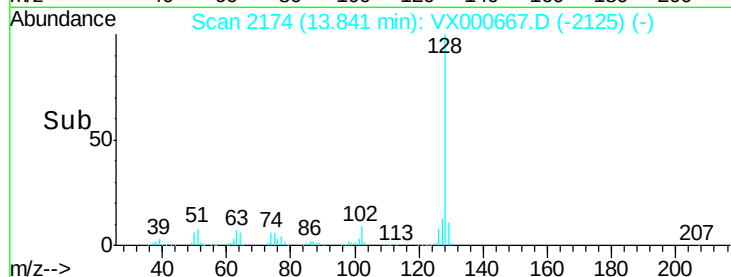
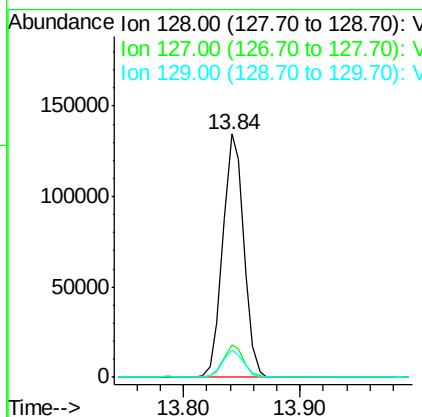
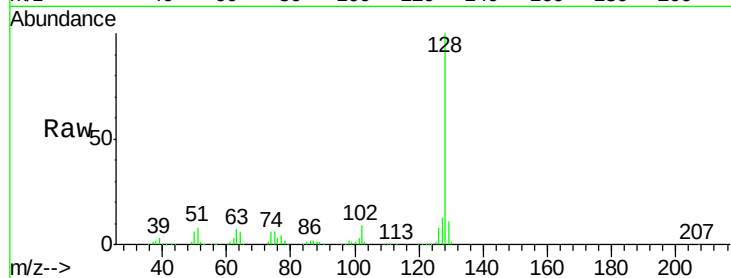
ClientSampleId :

VX0404WBS01

Tot Ion:	128	Resp:	167387
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
APPROVED

sam
4/5/2018 6:25:22 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.62 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000667.D

Acq: 04 Apr 2018 20:01

Tgt Ion:	180	Resp:	44135
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.2	141.6
145	32.5	16.8	50.4

