

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000437.D
 Acq On : 26 Mar 2018 13:41
 Operator : JC/MD
 Sample : VX0326WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Manual Integrations
 APPROVED

sam
 3/27/2018 5:23:59 PM

Quant Time: Mar 27 07:13:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	130042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	204907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	84912	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	66458	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.72	98	262325	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.15	95	97673	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	28671	20.01	ug/l	98
3) Chloromethane	1.32	50	25711	17.03	ug/l	99
4) Vinyl Chloride	1.40	62	32200	20.18	ug/l	98
5) Bromomethane	1.64	94	18289	9.61	ug/l	99
6) Chloroethane	1.73	64	21435	23.66	ug/l	99
7) Trichlorofluoromethane	1.93	101	59608	20.70	ug/l	100
8) Diethyl Ether	2.19	74	21342	20.74	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34253	21.33	ug/l	99
10) Methyl Iodide	2.52	142	11572	10.93	ug/l	99
11) Tert butyl alcohol	3.06	59	63460	108.68	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28908	20.51	ug/l	96
13) Acrolein	2.30	56	15904	94.91	ug/l	99
14) Allyl chloride	2.73	41	54030	21.65	ug/l	99
15) Acrylonitrile	3.15	53	125236	105.90	ug/l	100
16) Acetone	2.45	43	157679	111.66	ug/l	98
17) Carbon Disulfide	2.57	76	71478	19.07	ug/l	97
18) Methyl Acetate	2.78	43	66630	22.51	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	113861	21.84	ug/l	99
20) Methylene Chloride	2.86	84	34167	20.95	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	30121	19.16	ug/l	91
22) Diisopropyl ether	3.87	45	107139	24.32	ug/l	99
23) Vinyl Acetate	3.83	43	505575	121.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	58778	21.22	ug/l	98
25) 2-Butanone	4.71	43	167925	105.80	ug/l	98
26) 2,2-Dichloropropane	4.59	77	40651	20.94	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	29903	20.35	ug/l	99
28) Bromochloromethane	5.03	49	22305	19.52	ug/l	98
29) Tetrahydrofuran	5.18	42	99245	101.63	ug/l	99
30) Chloroform	5.22	83	55272	21.29	ug/l	99
31) Cyclohexane	5.58	56	41427	19.34	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	48039	20.51	ug/l	97
36) 1,1-Dichloropropene	5.81	75	38999	20.32	ug/l	99
37) Ethyl Acetate	4.87	43	53745	20.50	ug/l	98
38) Carbon Tetrachloride	5.79	117	40017	19.87	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	48494	20.77	ug/l	95
40) Benzene	6.15	78	117519	21.08	ug/l	98
41) Methacrylonitrile	5.07	41	29323	21.21	ug/l	98
42) 1,2-Dichloroethane	6.21	62	47267	21.61	ug/l	100
43) Isopropyl Acetate	6.48	43	83556	21.41	ug/l	99
44) Trichloroethene	7.22	130	33538	21.00	ug/l	100
45) 1,2-Dichloropropane	7.52	63	31700	22.22	ug/l	97
46) Dibromomethane	7.67	93	24096	21.52	ug/l	97
47) Bromodichloromethane	7.91	83	44820	22.75	ug/l	99
48) Methyl methacrylate	7.79	41	41080	21.68	ug/l	98
49) 1,4-Dioxane	7.76	88	16949	425.57	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	335977	111.22	ug/l	98
52) Toluene	8.79	92	81300	20.86	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	50392	22.07	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	48458	21.88	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	35438	22.11	ug/l	97
56) Ethyl methacrylate	9.19	69	51773	21.32	ug/l	98
57) 1,3-Dichloropropane	9.38	76	56498	22.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	117411	100.75	ug/l	97
59) 2-Hexanone	9.51	43	281161	109.61	ug/l	98
60) Dibromochloromethane	9.59	129	36162	21.62	ug/l	99
61) 1,2-Dibromoethane	9.68	107	37210	21.65	ug/l	98
64) Tetrachloroethene	9.34	164	34481	21.44	ug/l	92
65) Chlorobenzene	10.15	112	95212	20.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	33752	21.55	ug/l	96
67) Ethyl Benzene	10.26	91	162275	20.75	ug/l	98
68) m/p-Xylenes	10.37	106	128132	41.64	ug/l	98
69) o-Xylene	10.71	106	59359	19.92	ug/l	97
70) Styrene	10.72	104	98702	20.02	ug/l	100
71) Bromoform	10.87	173	28329	20.47	ug/l #	97
73) Isopropylbenzene	11.02	105	169155	22.07	ug/l	100
74) N-amyl acetate	6.48	43	83556	23.25	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	63640	23.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	56387m	22.68	ug/l	
77) Bromobenzene	11.26	156	42026	20.58	ug/l	98
78) n-propylbenzene	11.37	91	199967	21.88	ug/l	99
79) 2-Chlorotoluene	11.43	91	111992	21.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141761	22.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16706	21.76	ug/l	94
82) 4-Chlorotoluene	11.52	91	134704	21.37	ug/l	99
83) tert-Butylbenzene	11.78	119	140189	21.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	146682	21.71	ug/l	99
85) sec-Butylbenzene	11.95	105	175072	21.77	ug/l	98
86) p-Isopropyltoluene	12.07	119	155206	21.73	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	80740	20.92	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	81010	19.99	ug/l	97
89) n-Butylbenzene	12.40	91	140594	21.14	ug/l	100
90) Hexachloroethane	12.60	117	25416	22.61	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	81099	21.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16254	21.50	ug/l	97

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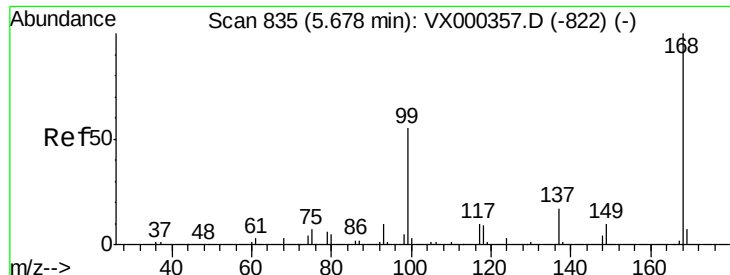
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59224	21.83	ug/l	96
94) Hexachlorobutadiene	13.79	225	25994	23.14	ug/l	99
95) Naphthalene	13.84	128	210952	22.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	57517	21.45	ug/l	97

(#) = 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: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

VX0326WBSD01

Tot Ion:168 Resp: 130042

Ion Ratio Lower Upper

168 100

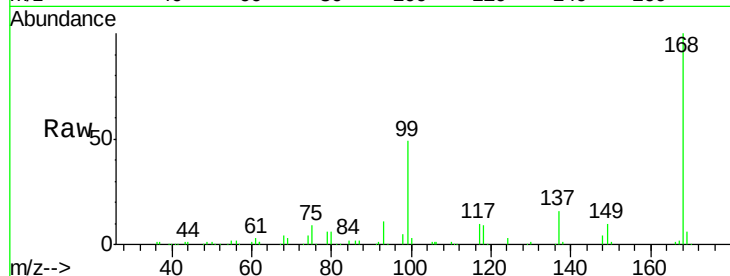
99 49.0 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

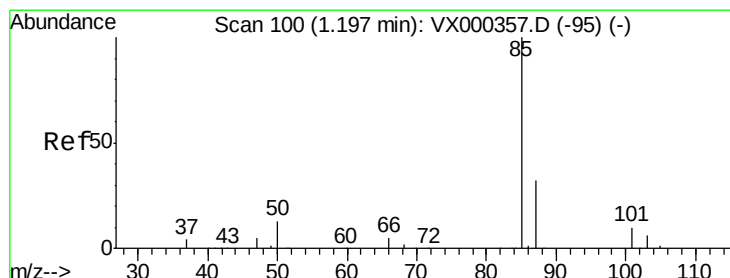
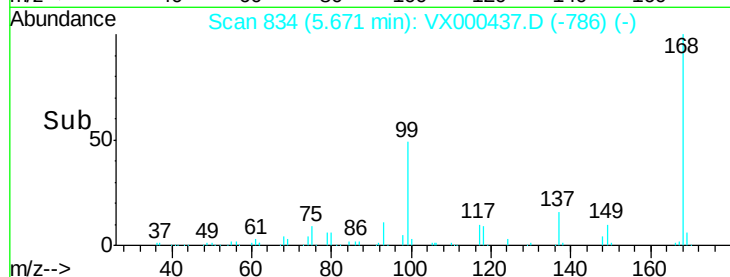
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.01 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000437.D

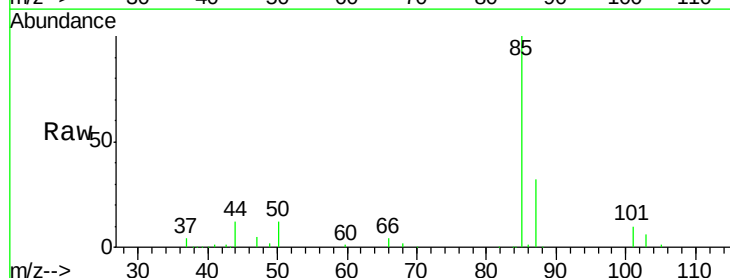
Acq: 26 Mar 2018 13:41

Tgt Ion: 85 Resp: 28671

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

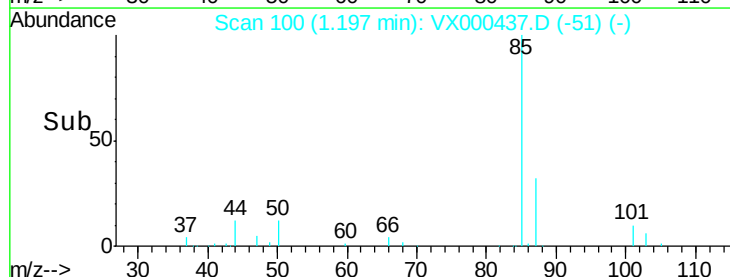
20000

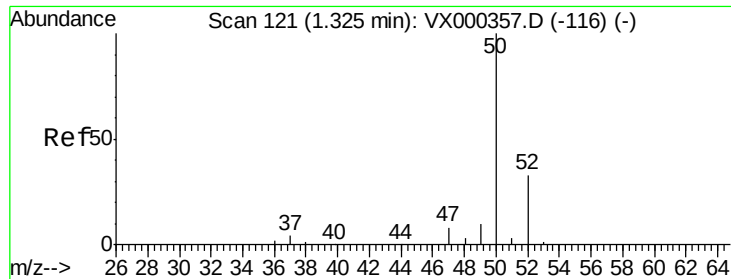
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 50 Resp: 25711

Ion Ratio Lower Upper

50 100

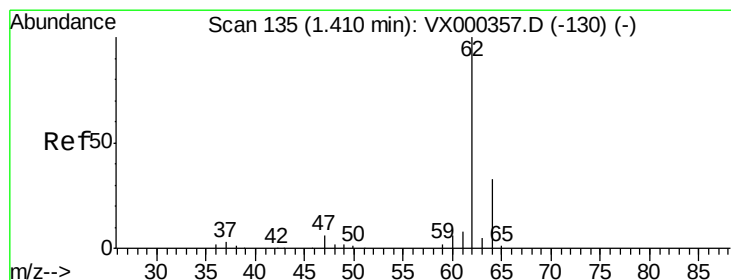
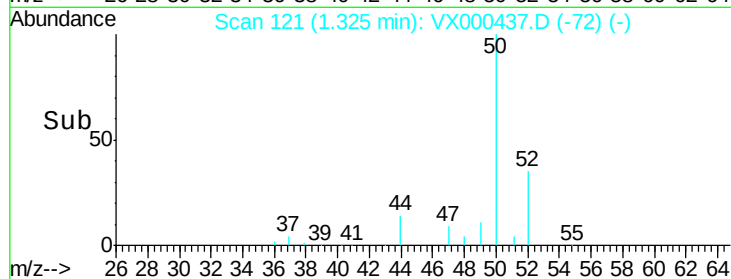
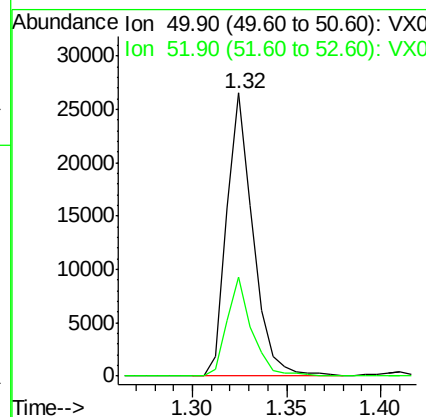
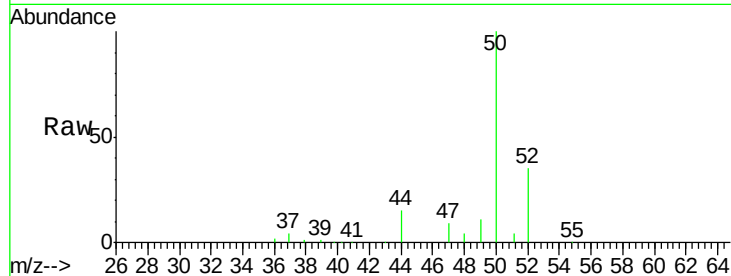
52 34.9 27.5 41.3

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#4

Vinyl Chloride

Concen: 20.18 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000437.D

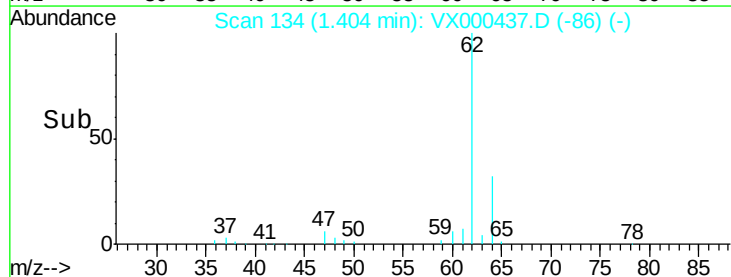
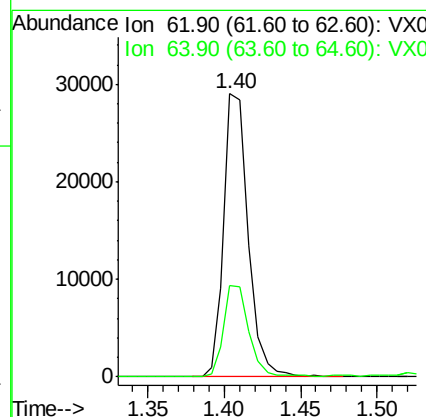
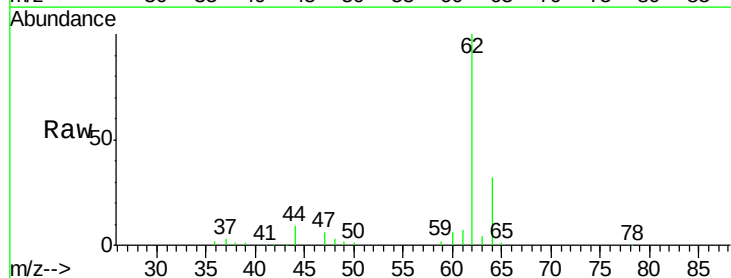
Acq: 26 Mar 2018 13:41

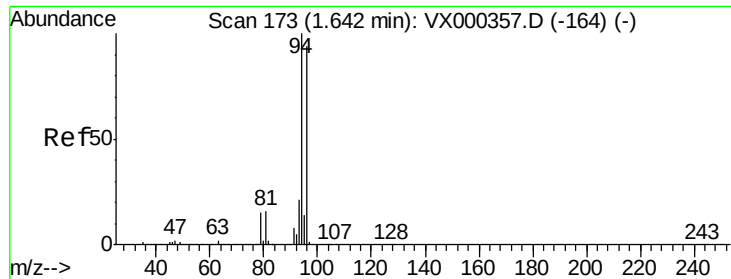
Tgt Ion: 62 Resp: 32200

Ion Ratio Lower Upper

62 100

64 32.0 24.8 37.2





#5

Bromomethane

Concen: 9.61 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 94 Resp: 18289

Ion Ratio Lower Upper

94 100

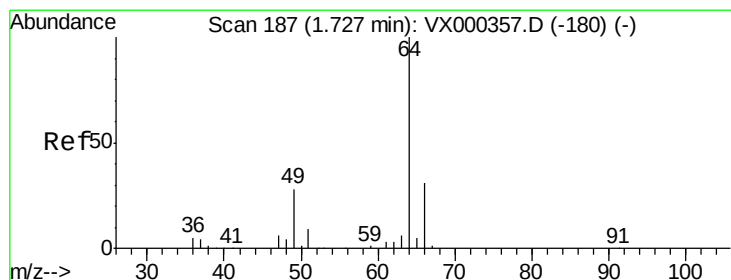
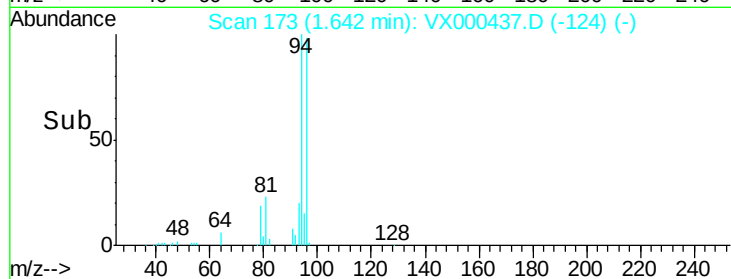
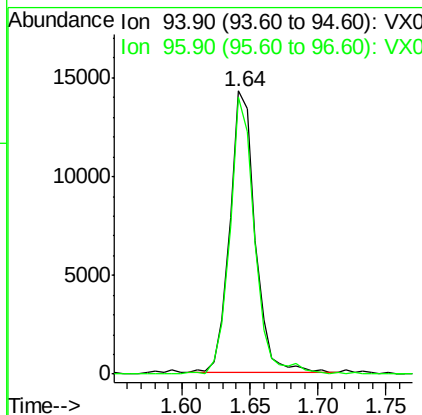
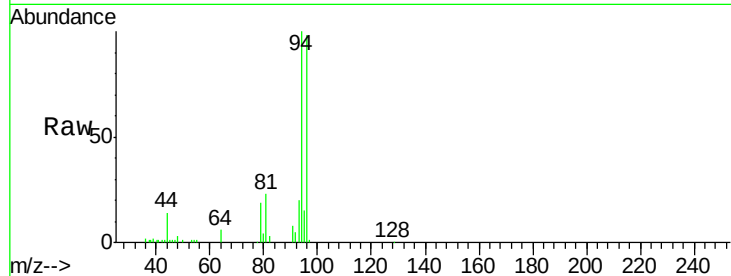
96 98.1 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 23.66 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000437.D

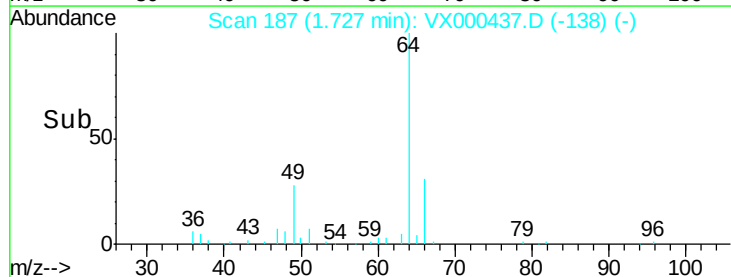
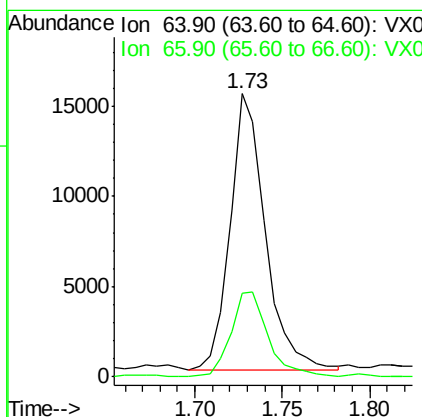
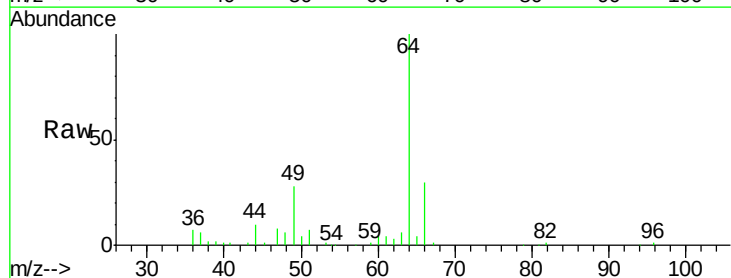
Acq: 26 Mar 2018 13:41

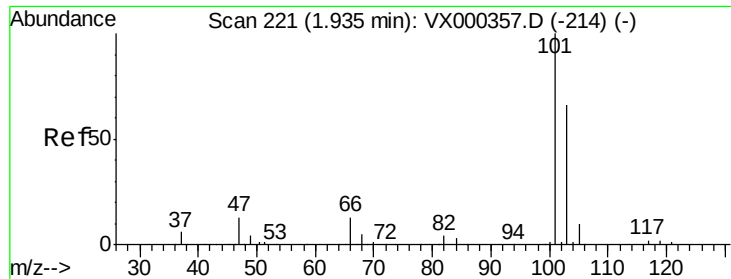
Tgt Ion: 64 Resp: 21435

Ion Ratio Lower Upper

64 100

66 30.4 24.8 37.2





#7

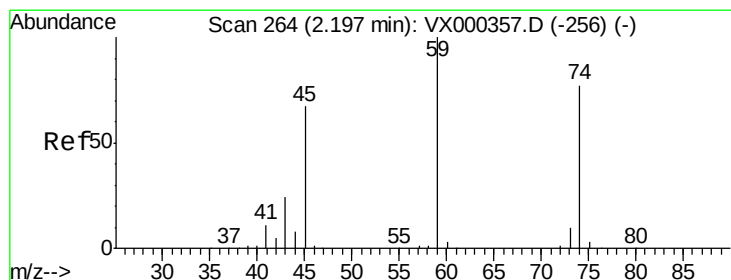
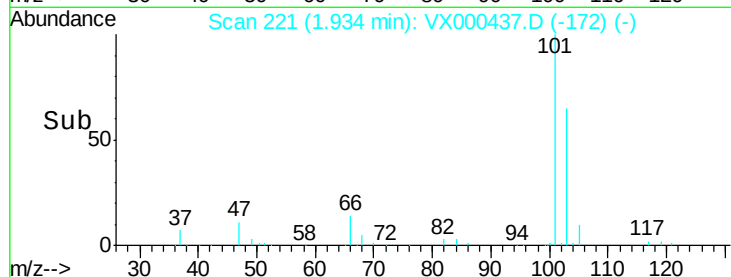
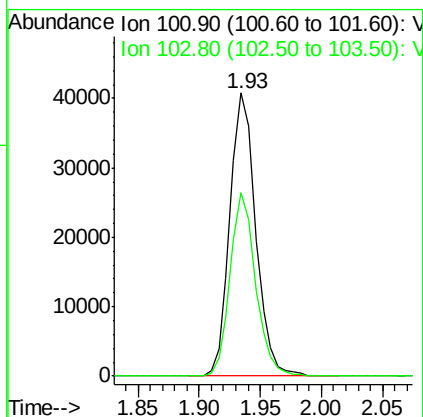
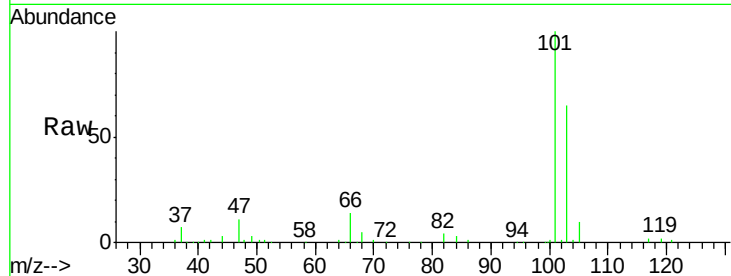
Trichlorofluoromethane
 Concen: 20.70 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
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 ClientSampleId :
 VX0326WBSD01

Tot Ion:101 Resp: 59608
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4

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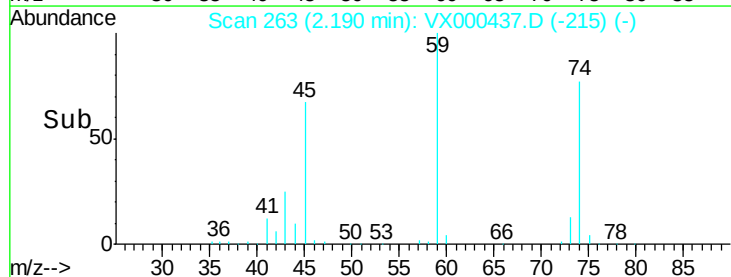
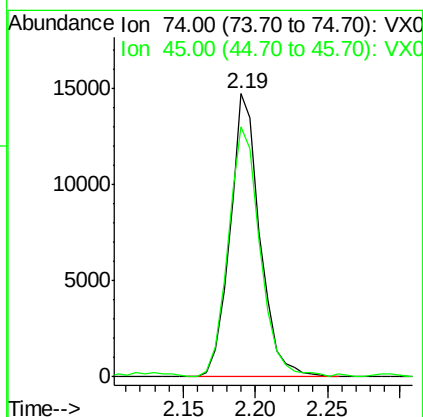
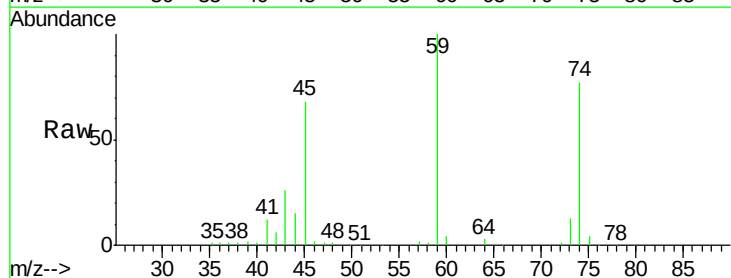
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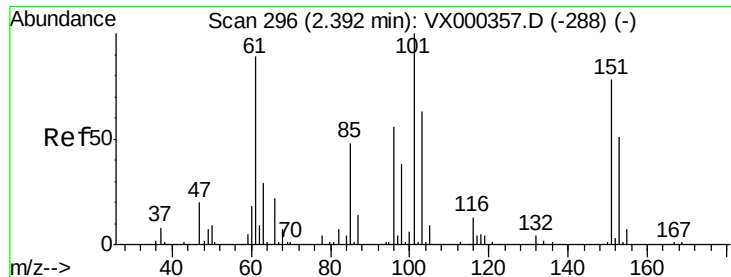


#8

Diethyl Ether
 Concen: 20.74 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 74 Resp: 21342
 Ion Ratio Lower Upper
 74 100
 45 95.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.33 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

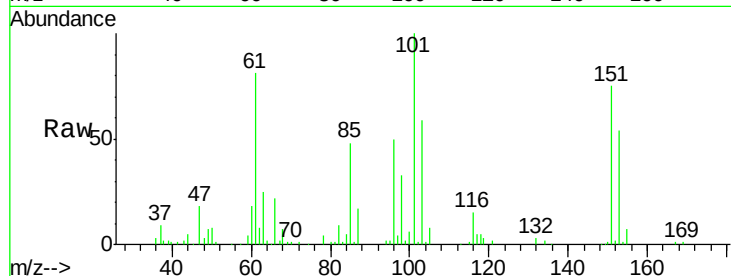
ClientSampleId :

VX0326WBSD01

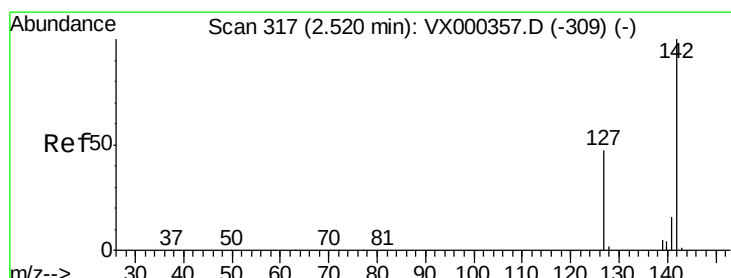
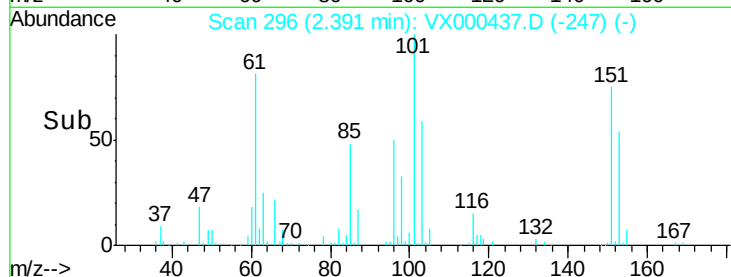
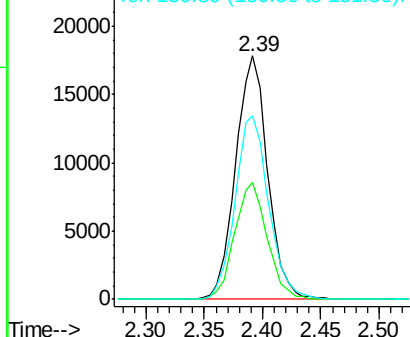
Tot Ion:	101	Resp:	34253
Ion Ratio	Lower	Upper	
101	100		
85	48.4	37.6	56.4
151	78.7	62.6	93.8

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



#10

Methyl Iodide

Concen: 10.93 ug/l

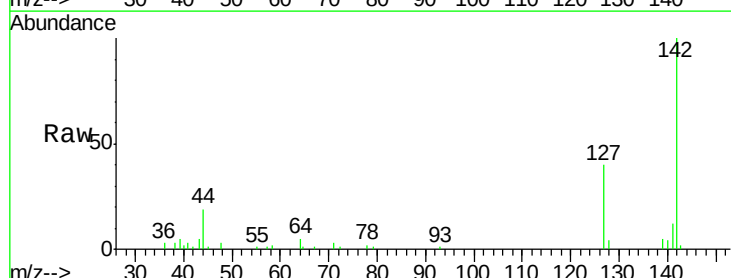
RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

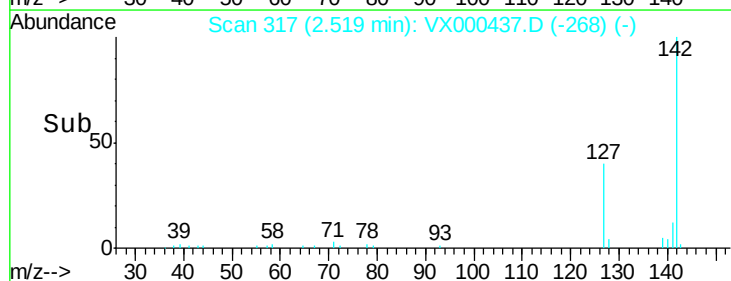
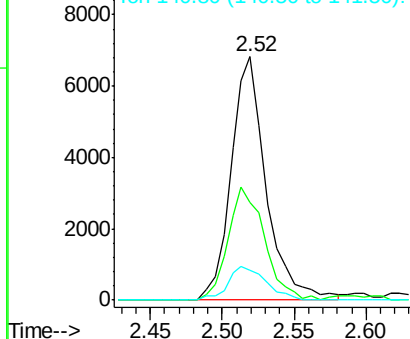
Lab File: VX000437.D

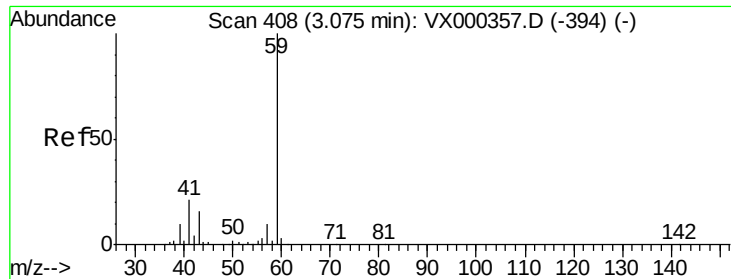
Acq: 26 Mar 2018 13:41

Tgt Ion:	142	Resp:	11572
Ion Ratio	Lower	Upper	
142	100		
127	48.4	39.2	58.8
141	14.9	11.7	17.5



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





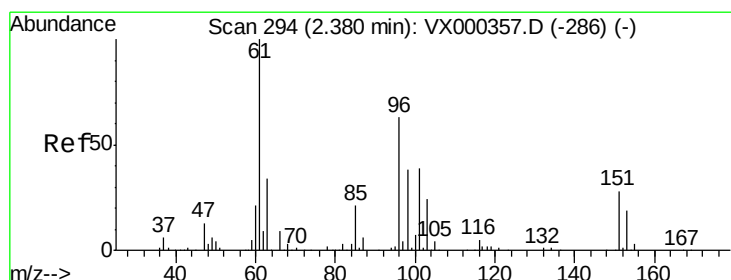
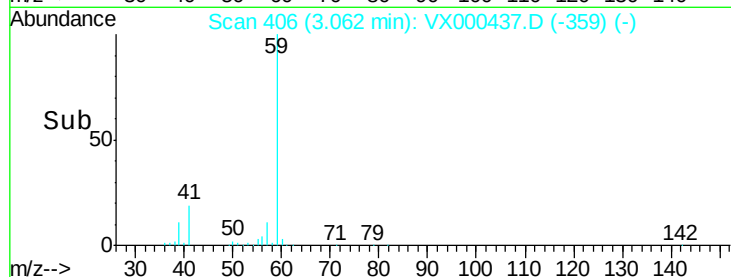
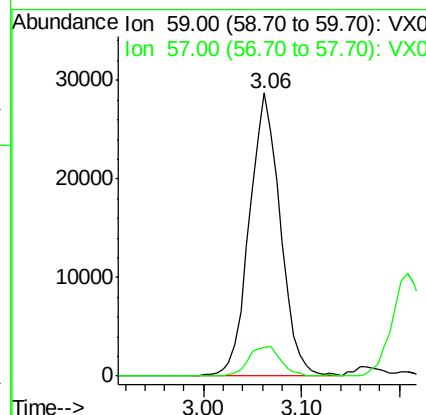
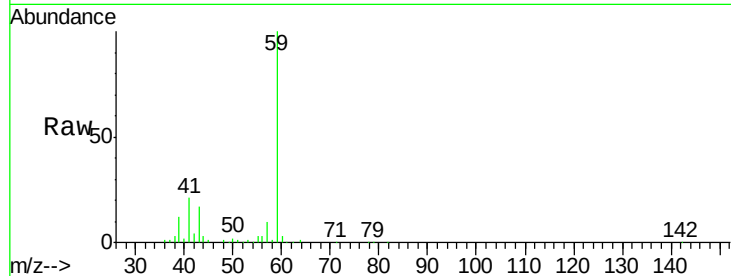
#11
Tert butyl alcohol
Concen: 108.68 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 59 Resp: 63460
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6

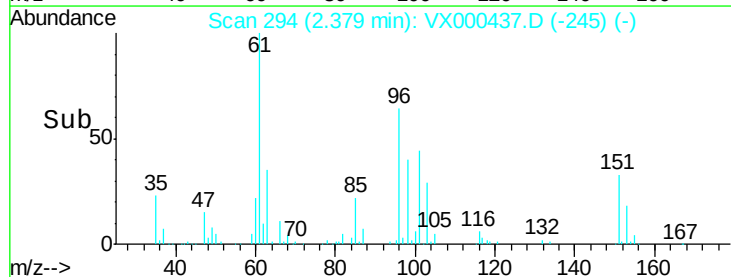
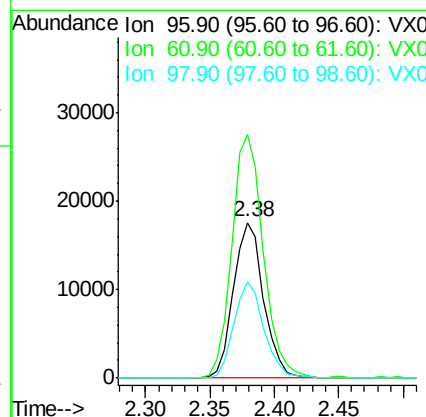
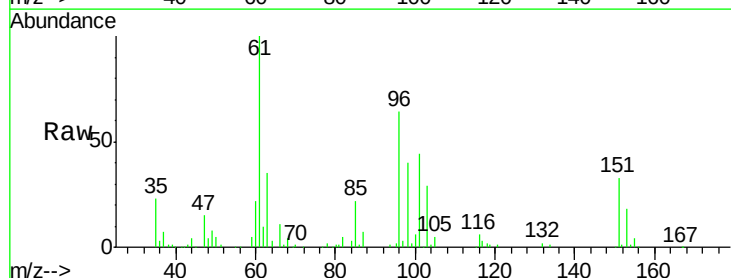
Manual Integrations
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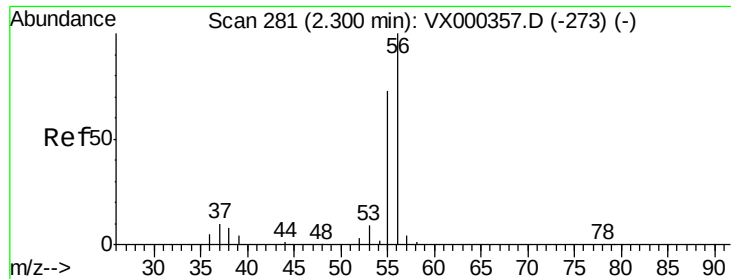
sam
3/27/2018 5:23:59 PM



#12
1,1-Dichloroethene
Concen: 20.51 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 96 Resp: 28908
Ion Ratio Lower Upper
96 100
61 156.4 131.2 196.8
98 62.2 49.8 74.8





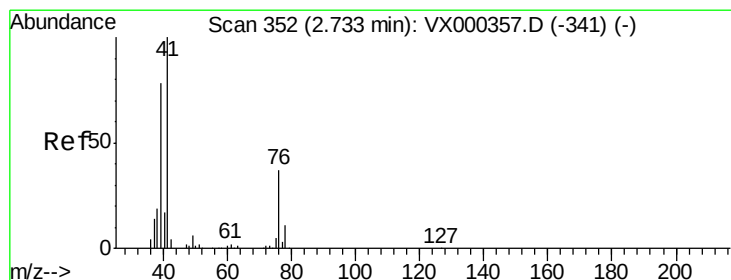
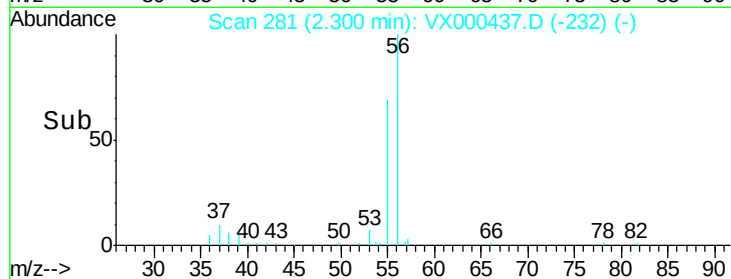
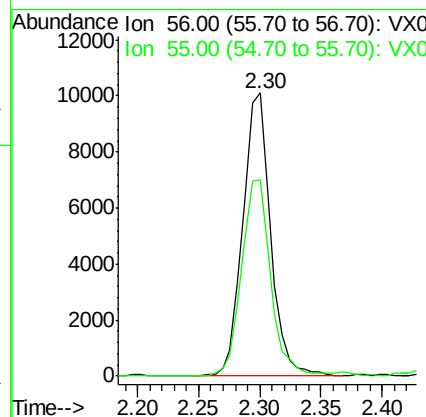
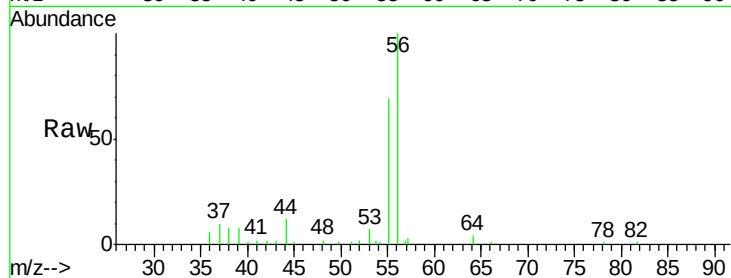
#13
Acrolein
Concen: 94.91 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	56	55	Resp	Lower	Upper
15904	100	72.8		58.8	88.2

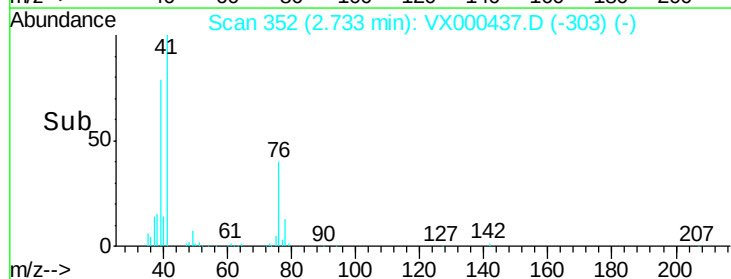
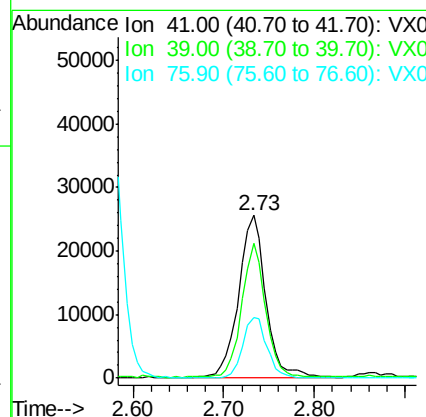
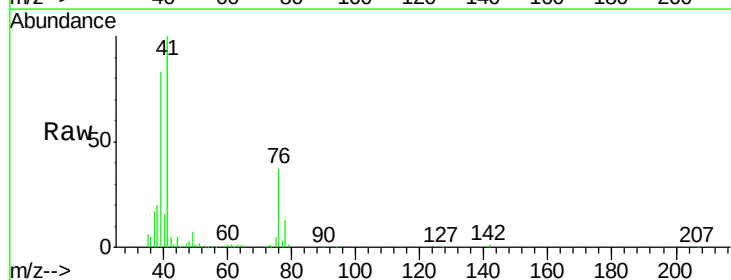
Manual Integrations
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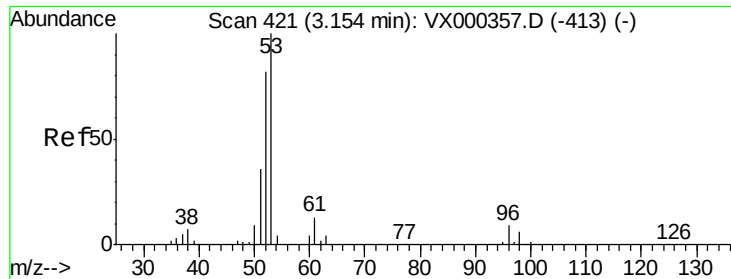
sam
3/27/2018 5:23:59 PM



#14
Allyl chloride
Concen: 21.65 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	41	39	76	Resp	Lower	Upper
54030	100	72.0	33.2		57.6	86.4
					27.3	40.9





#15

Acrylonitrile

Concen: 105.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

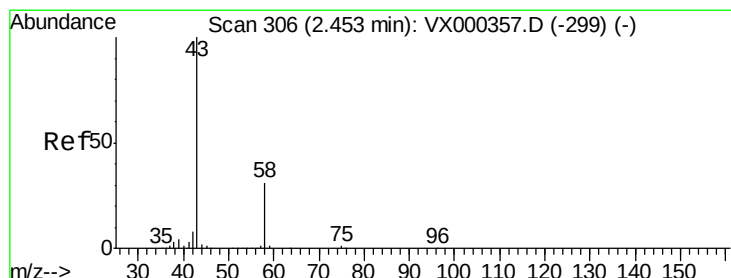
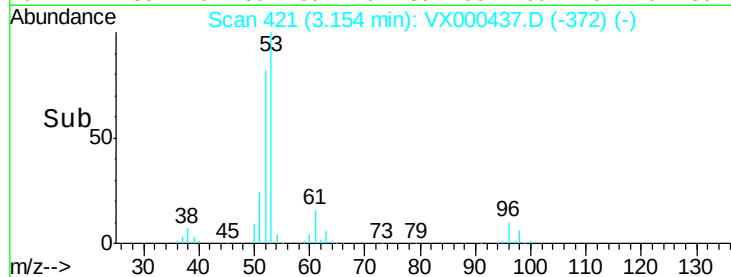
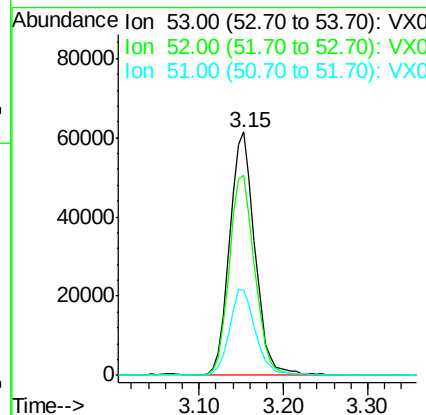
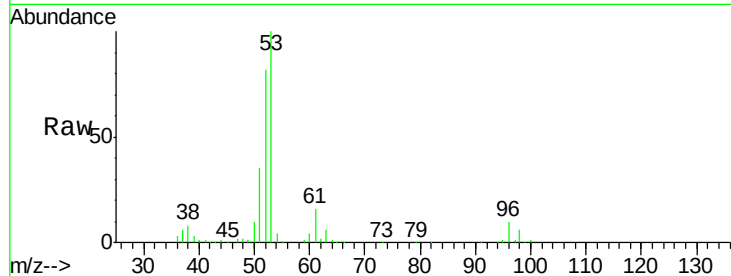
ClientSampleId :

VX0326WBSD01

Tot Ion:	53	Resp:	125236
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.6	99.8
51	37.1	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 111.66 ug/l

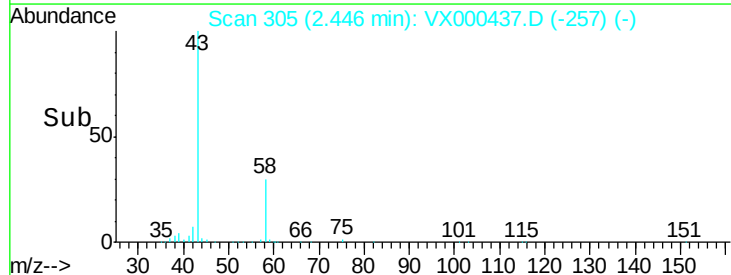
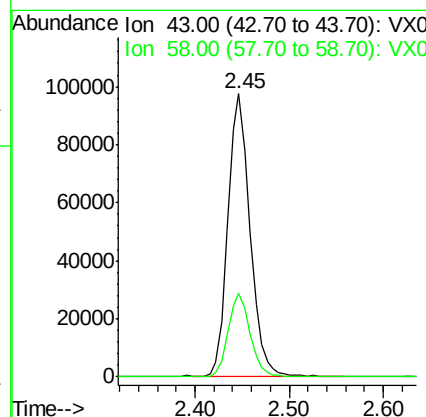
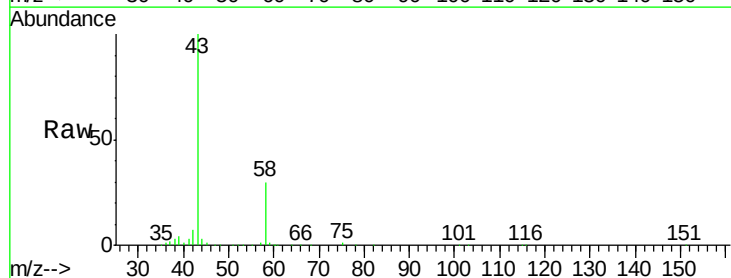
RT: 2.45 min Scan# 305

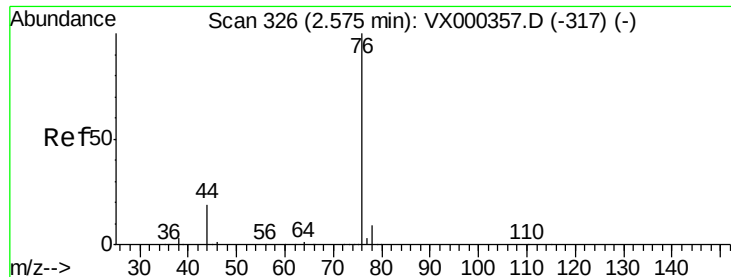
Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion:	43	Resp:	157679
Ion Ratio		Lower	Upper
43	100		
58	29.7	24.7	37.1





#17

Carbon Disulfide

Concen: 19.07 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 76 Resp: 71478

Ion Ratio Lower Upper

76 100

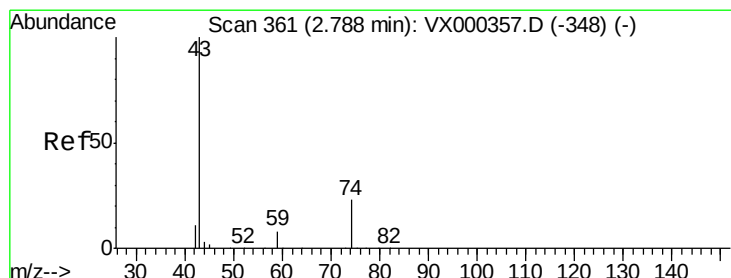
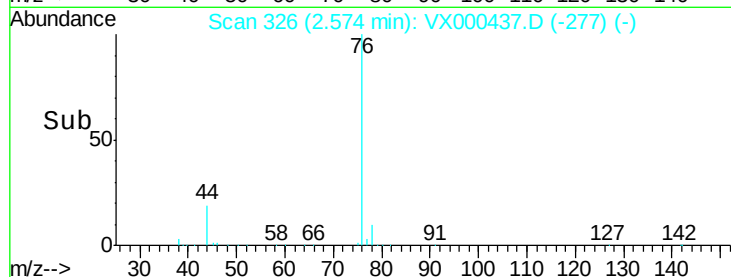
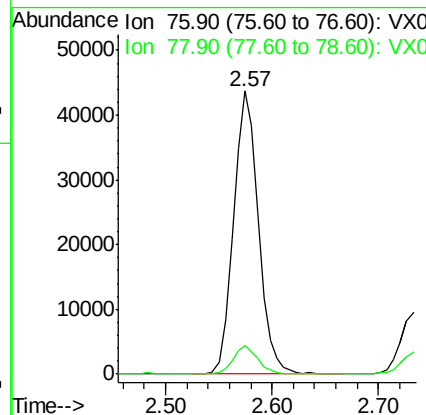
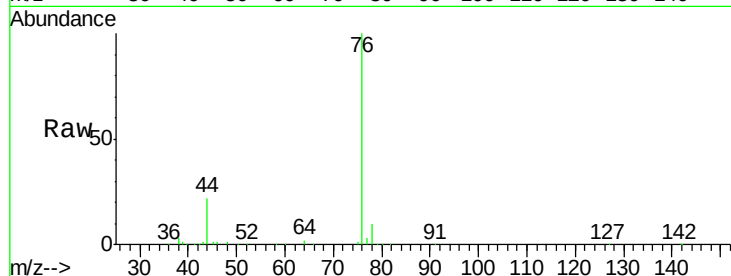
78 10.0 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 22.51 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000437.D

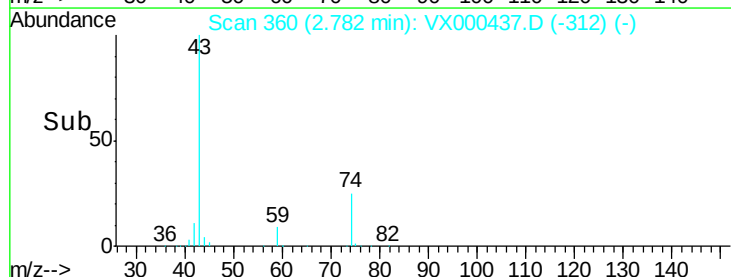
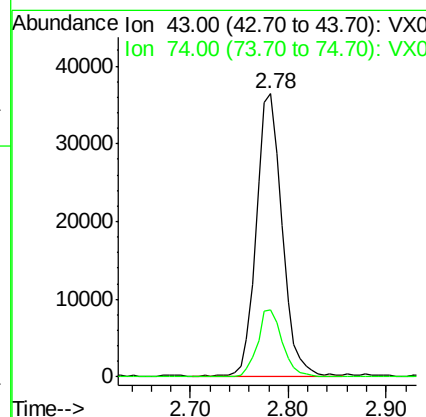
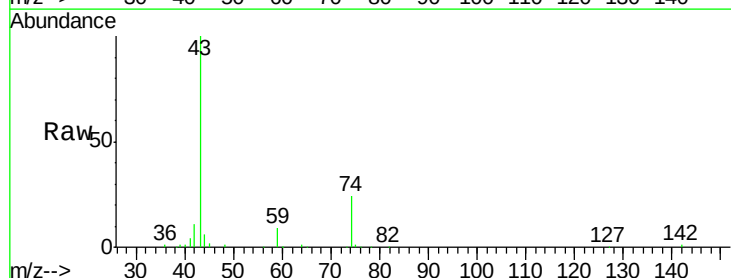
Acq: 26 Mar 2018 13:41

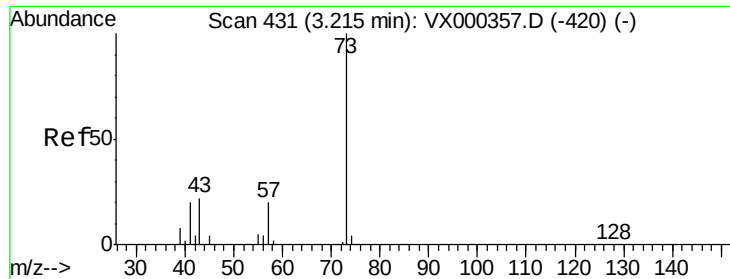
Tgt Ion: 43 Resp: 66630

Ion Ratio Lower Upper

43 100

74 23.2 19.4 29.2





#19

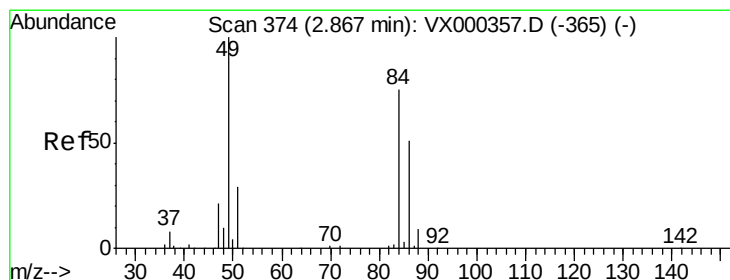
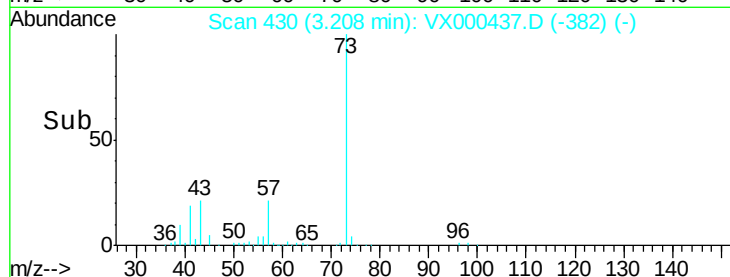
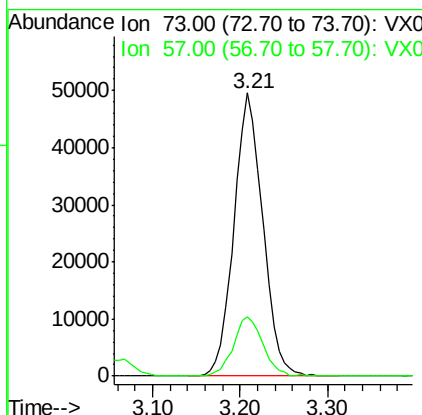
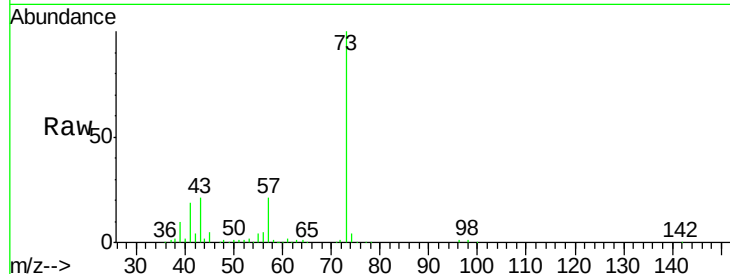
Methyl tert-butyl Ether
 Concen: 21.84 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	73	Resp	113861
Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.2	25.8

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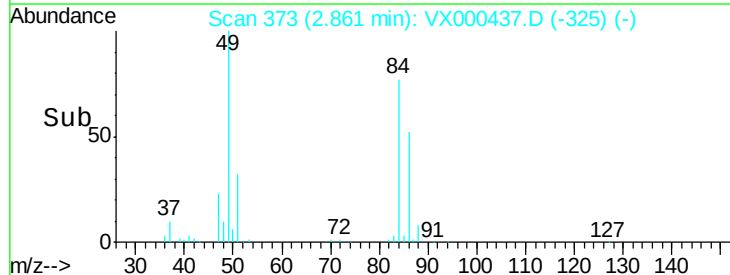
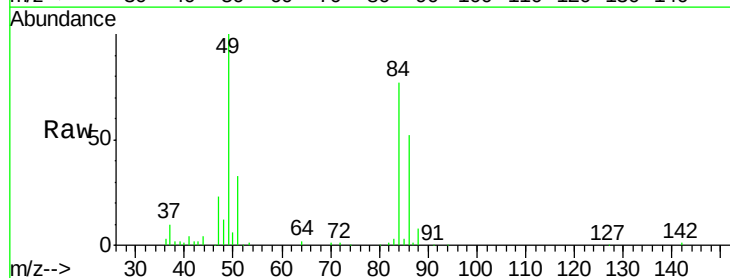
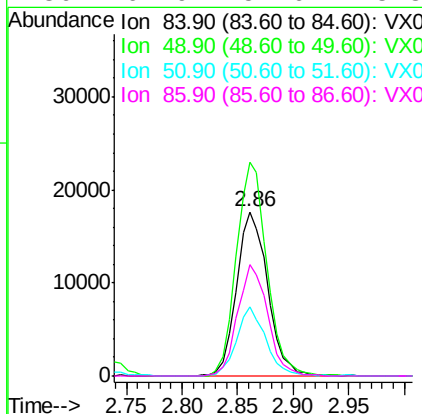
sam
 3/27/2018 5:23:59 PM

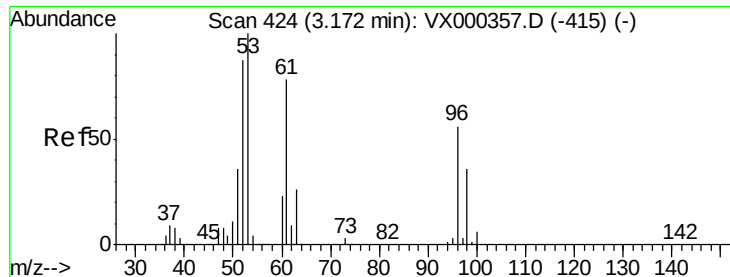


#20

Methylene Chloride
 Concen: 20.95 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	84	Resp	34167
Ion	Ratio	Lower	Upper
84	100		
49	129.9	100.6	151.0
51	42.4	31.6	47.4
86	67.9	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 19.16 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

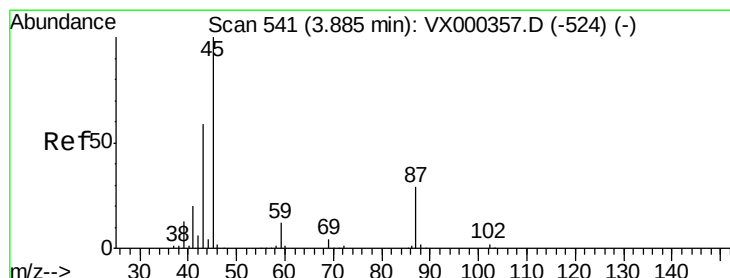
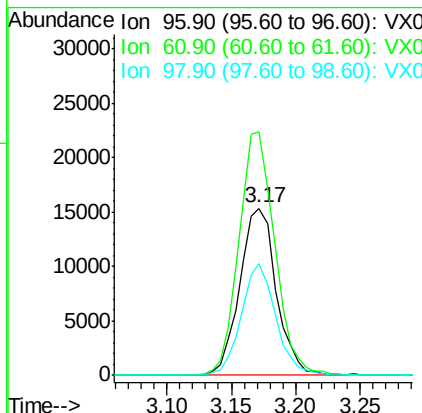
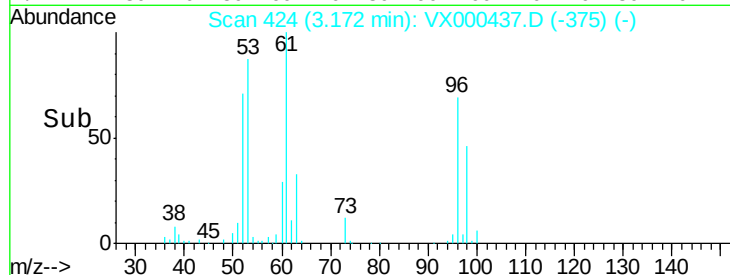
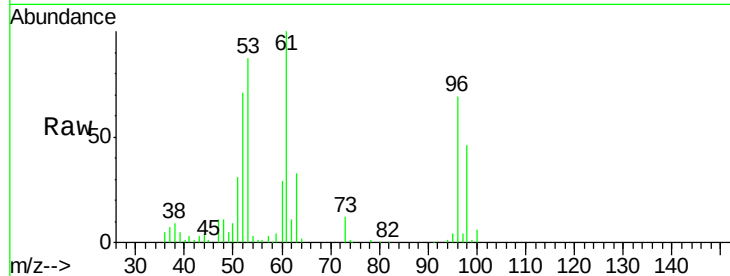
ClientSampleId :

VX0326WBSD01

Tot Ion:	96	Resp:	30121
Ion	Ratio	Lower	Upper
96	100		
61	145.4	104.0	156.0
98	66.5	52.1	78.1

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 24.32 ug/l

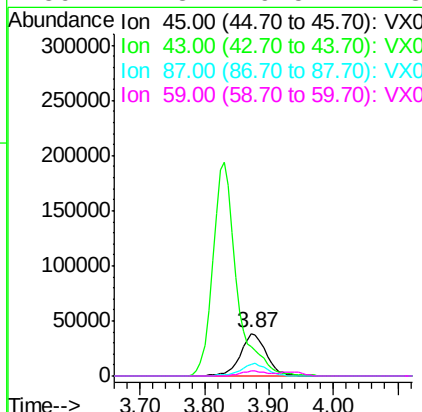
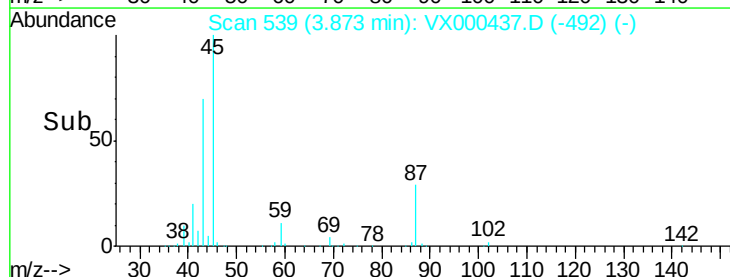
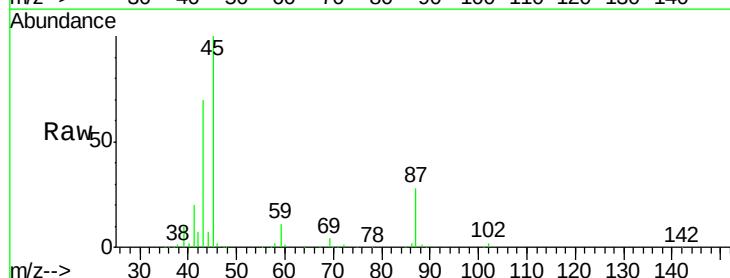
RT: 3.87 min Scan# 539

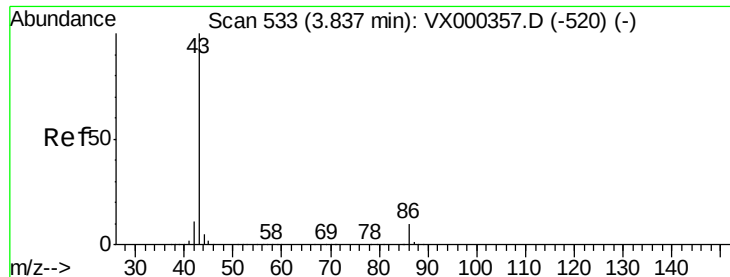
Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion:	45	Resp:	107139
Ion	Ratio	Lower	Upper
45	100		
43	68.9	53.9	80.9
87	28.5	22.6	34.0
59	11.3	9.5	14.3





#23

Vinyl Acetate

Concen: 121.03 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tot Ion: 43 Resp: 505575

Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

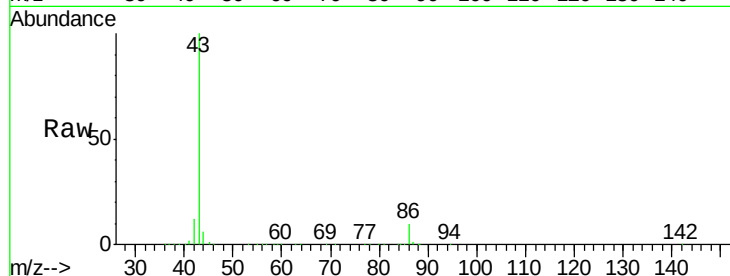
VX0326WBSD01

Manual Integrations

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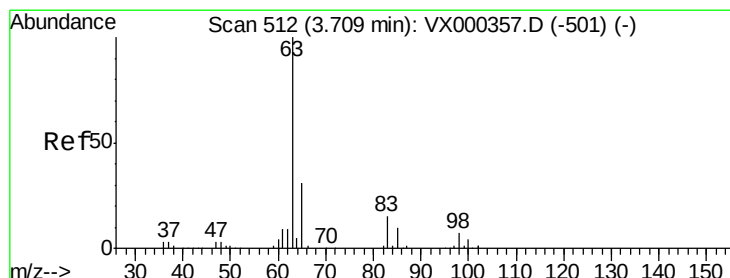
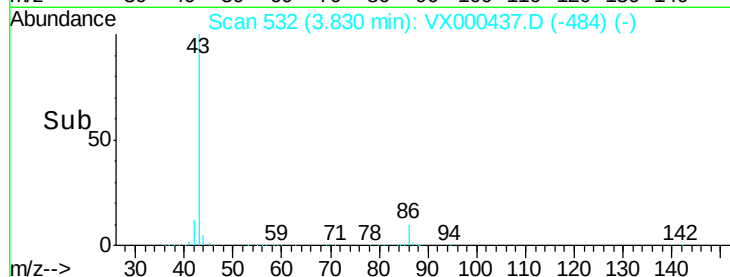
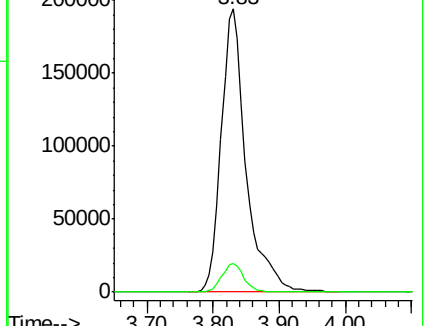
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.22 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

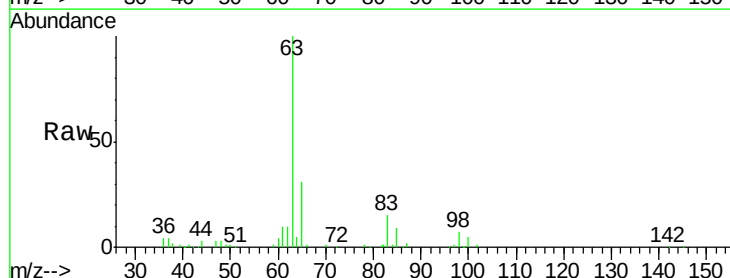
Tgt Ion: 63 Resp: 58778

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

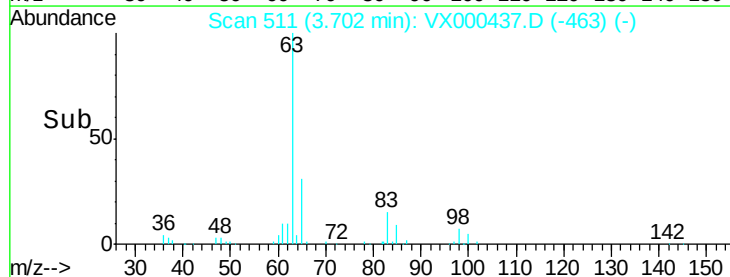
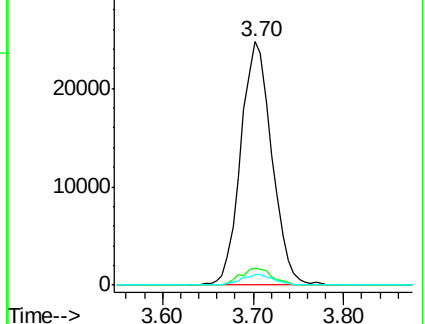
100 4.6 2.0 5.8

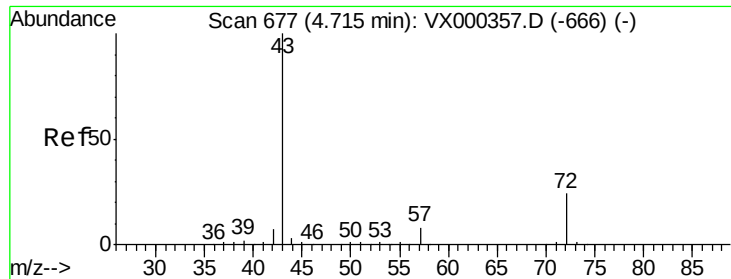


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.80 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tot Ion: 43 Resp: 167925

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

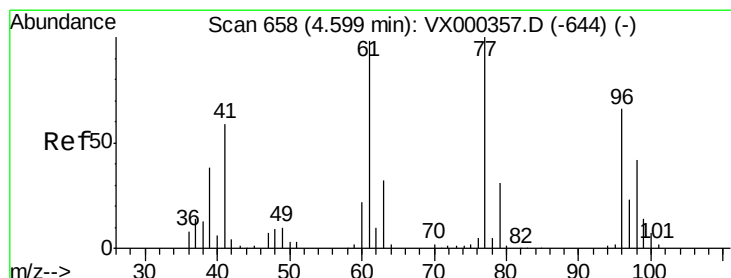
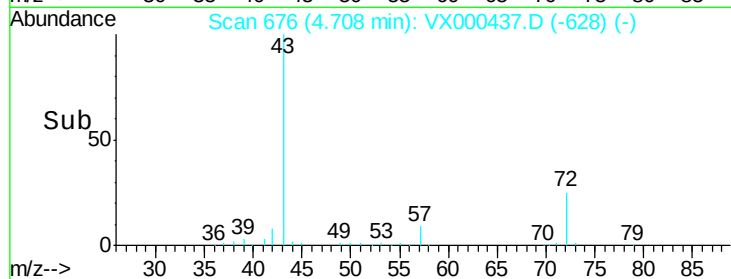
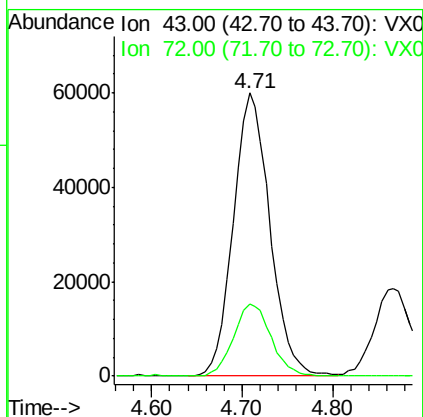
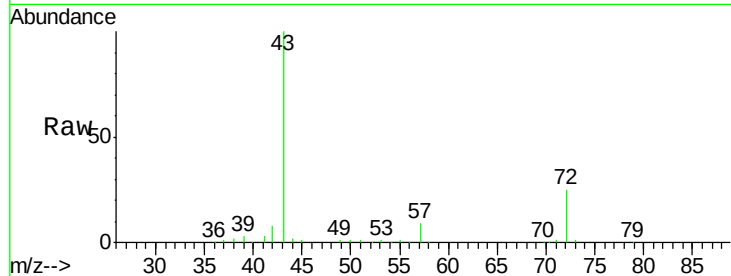
VX0326WBSD01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.94 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000437.D

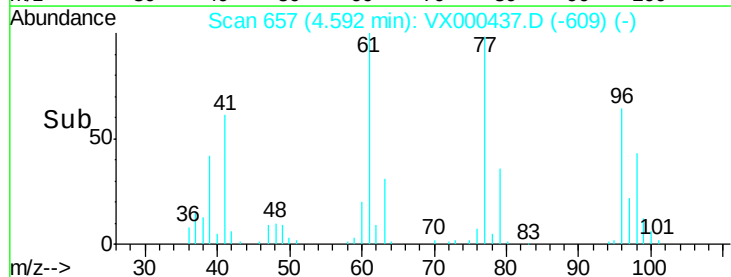
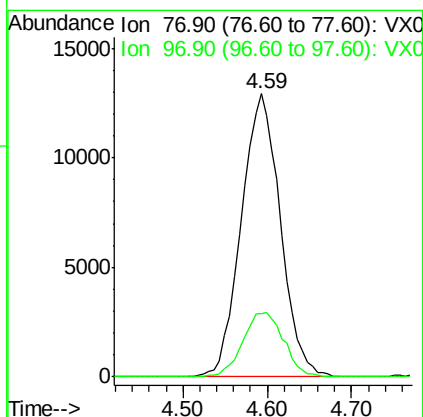
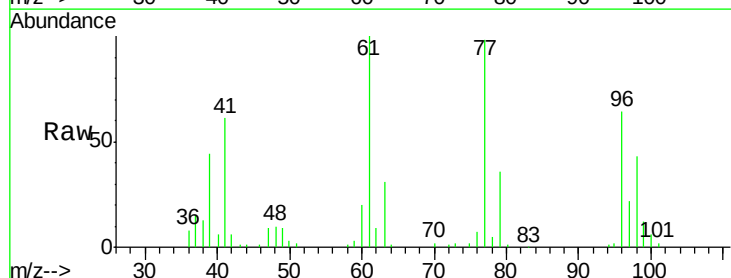
Acq: 26 Mar 2018 13:41

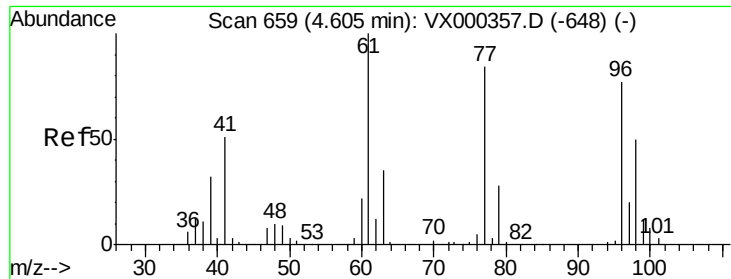
Tgt Ion: 77 Resp: 40651

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

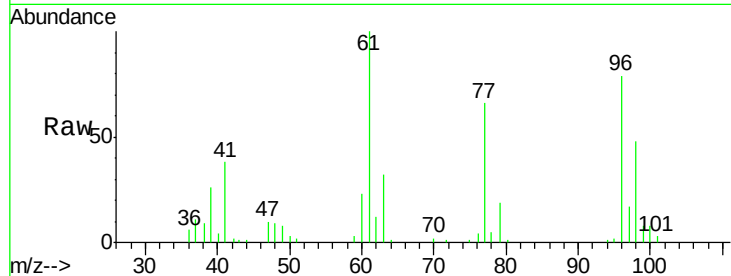
cis-1,2-Dichloroethene
Concen: 20.35 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	29903		
61	144.7	0.0	291.6	
98	66.8	0.0	132.0	

Manual Integrations
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sam
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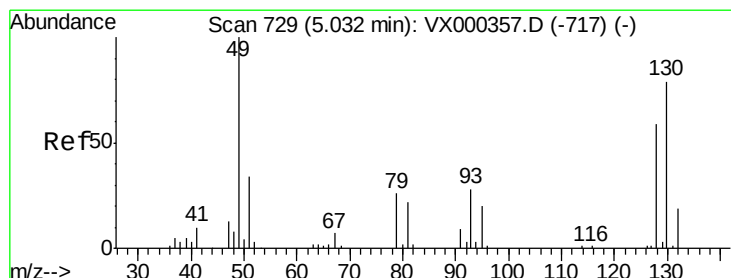
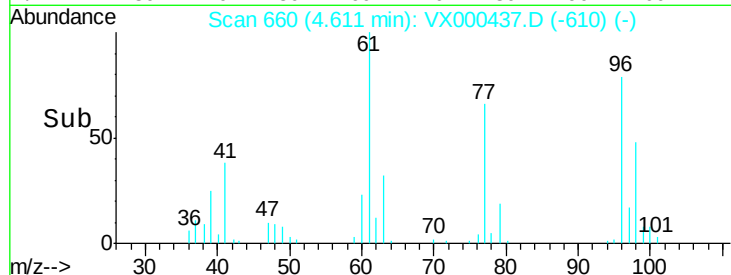
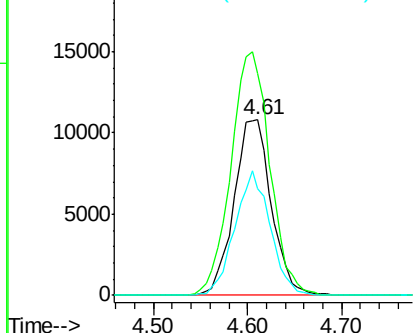


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

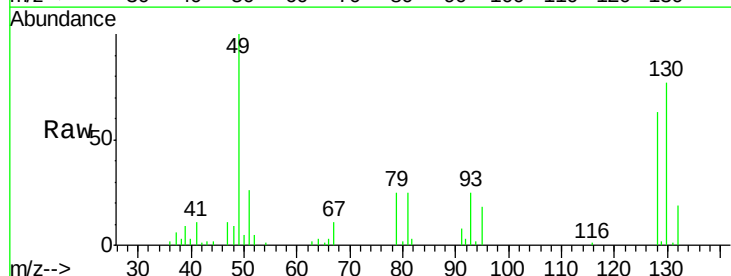
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.52 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	22305		
129	1.6	0.0	5.0	
130	78.5	64.0	96.0	

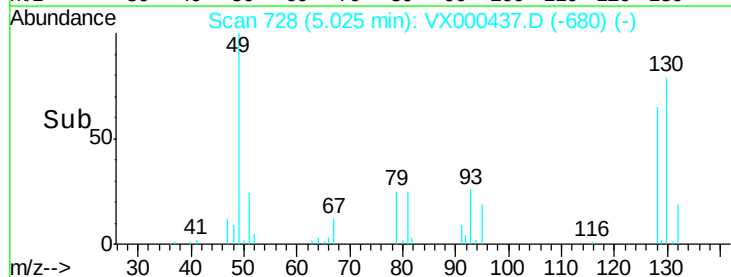
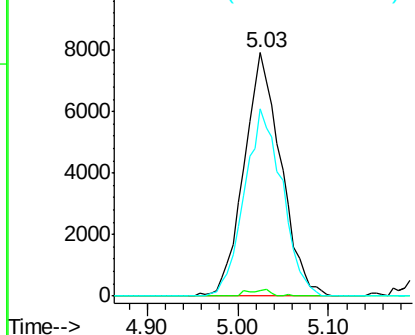


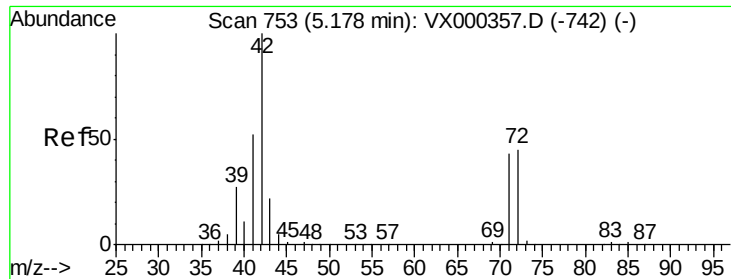
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





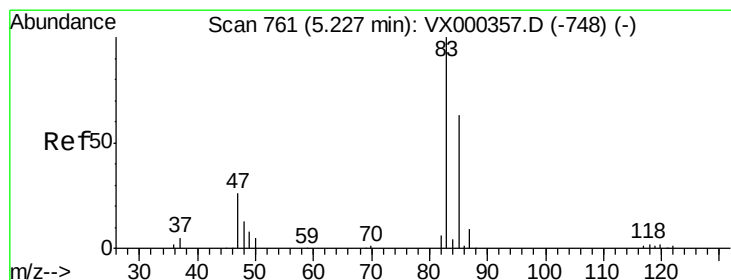
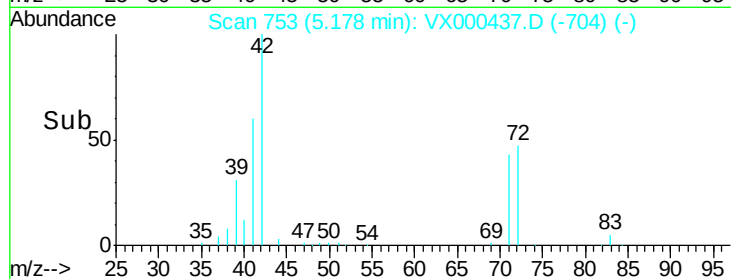
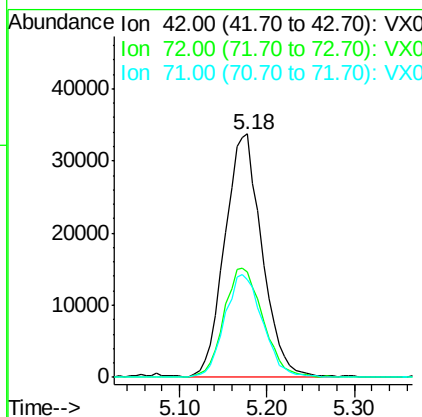
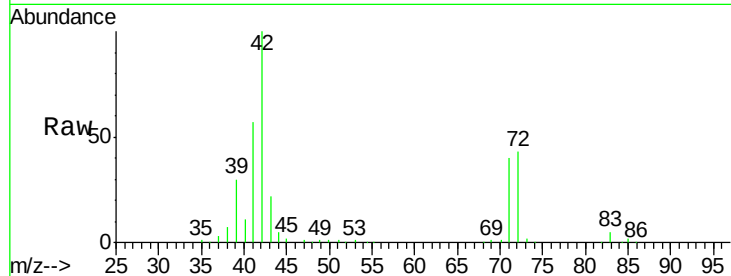
#29
Tetrahydrofuran
Concen: 101.63 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.9	56.9
71	43.5	34.4	51.6

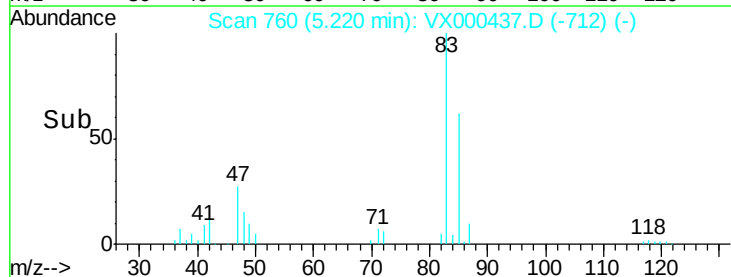
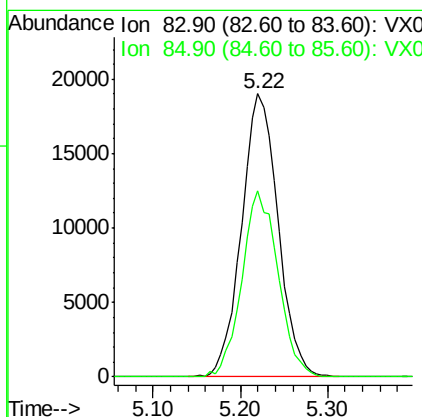
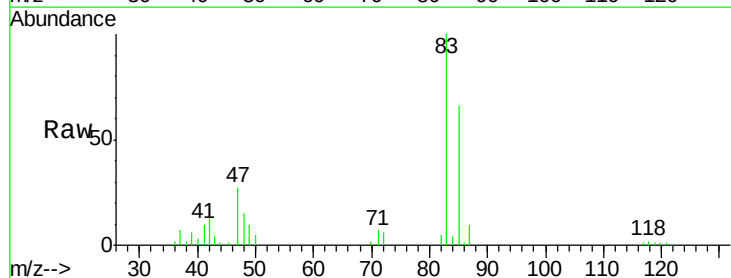
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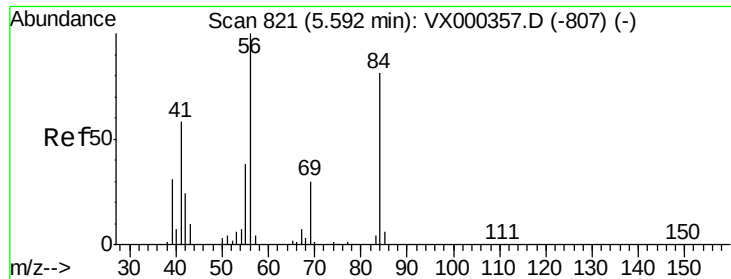
sam
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#30
Chloroform
Concen: 21.29 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.3	79.9





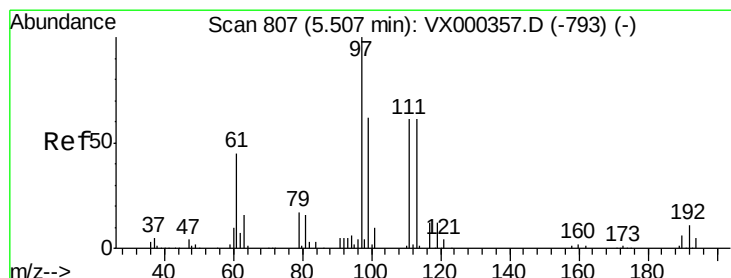
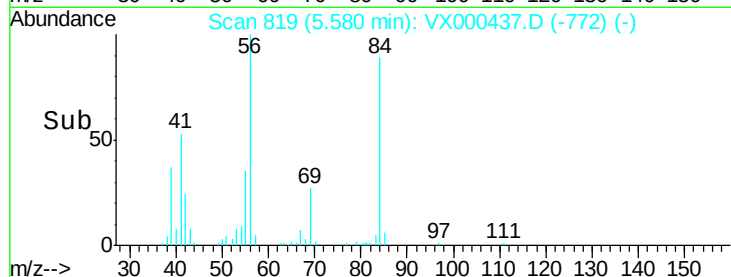
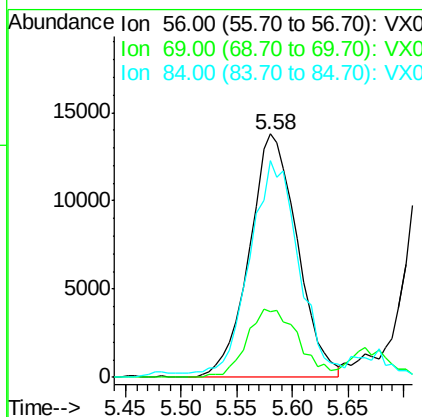
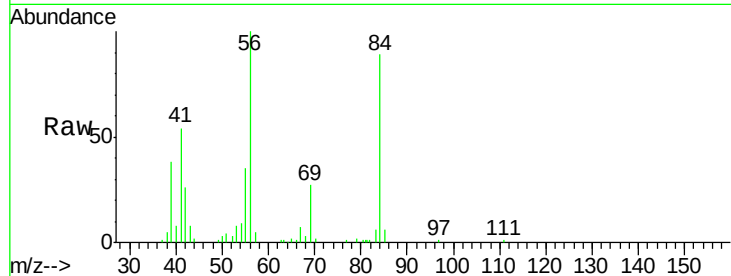
#31
Cyclohexane
Concen: 19.34 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.2	23.4	35.0
84	87.1	71.0	106.4

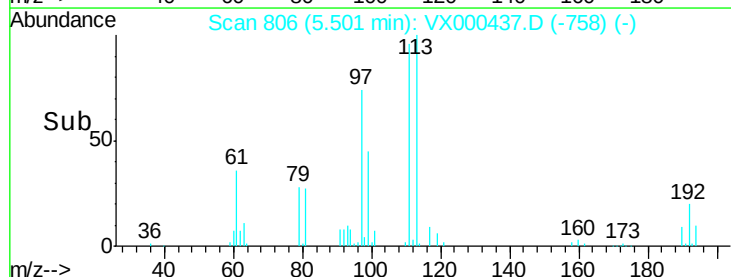
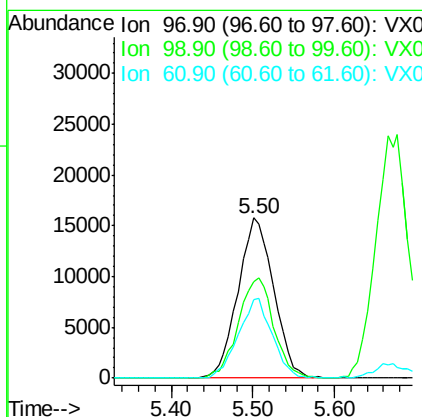
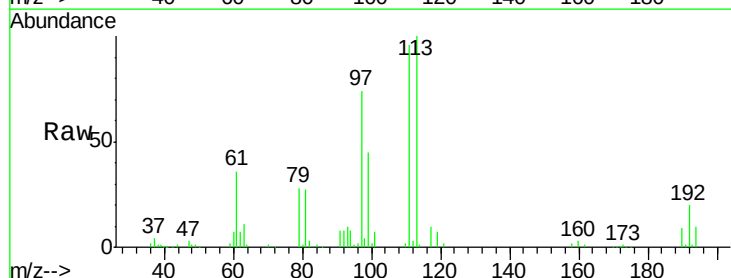
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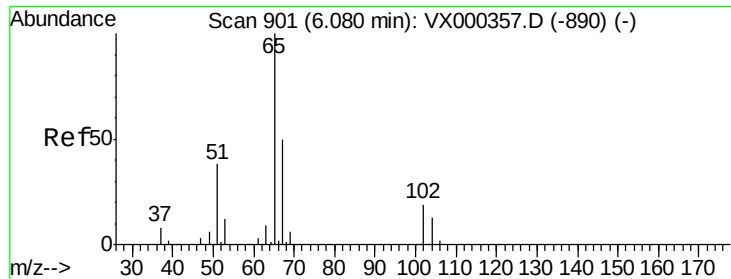
sam
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#32
1,1,1-Trichloroethane
Concen: 20.51 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.1	78.1
61	47.0	36.2	54.4





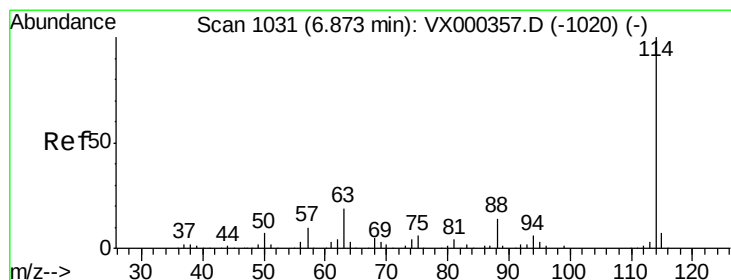
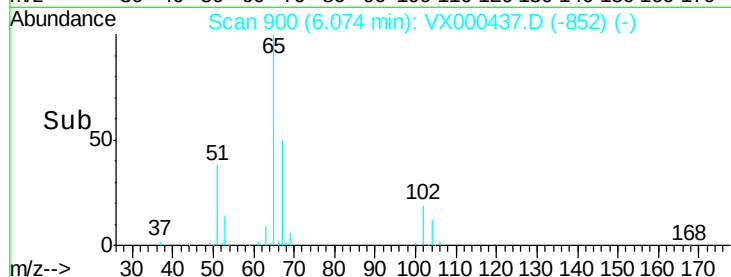
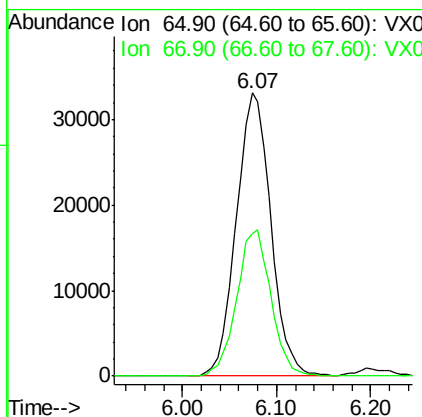
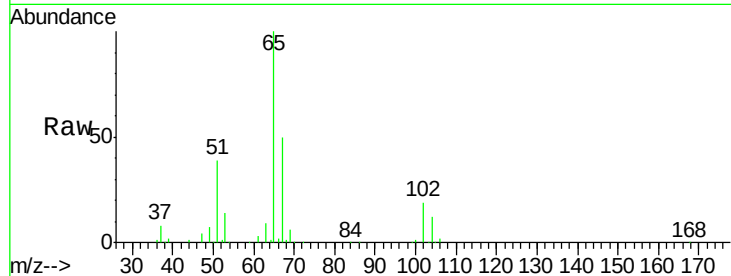
#33
 1,2-Dichloroethane-d4
 Concen: 50.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.2

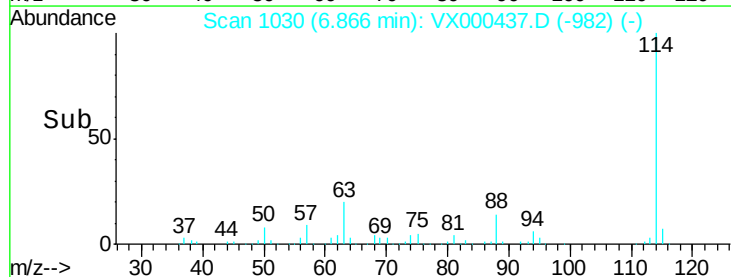
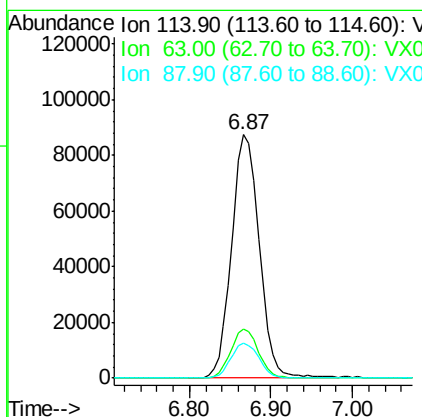
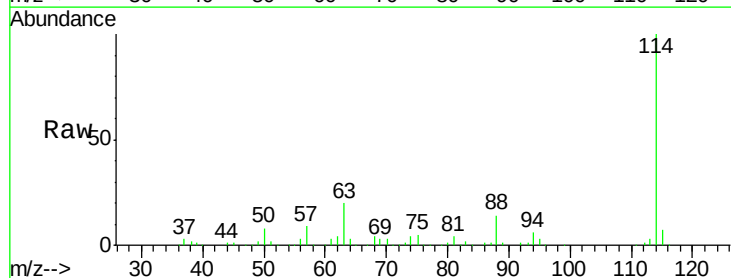
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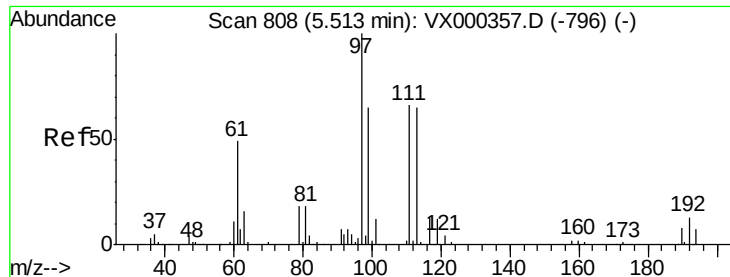
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	14.5	0.0	27.0





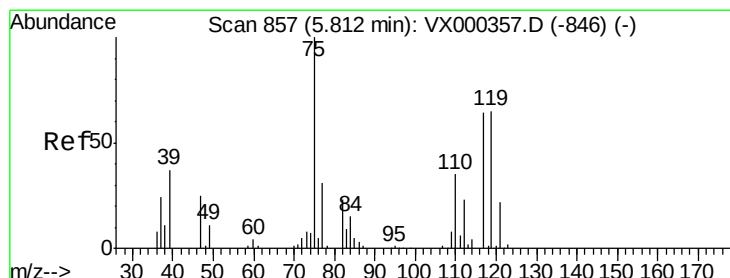
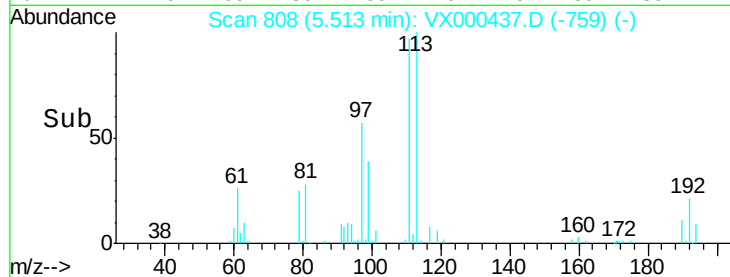
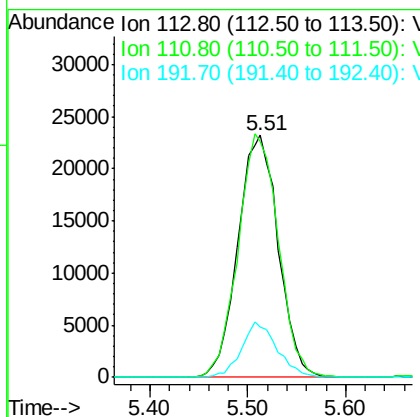
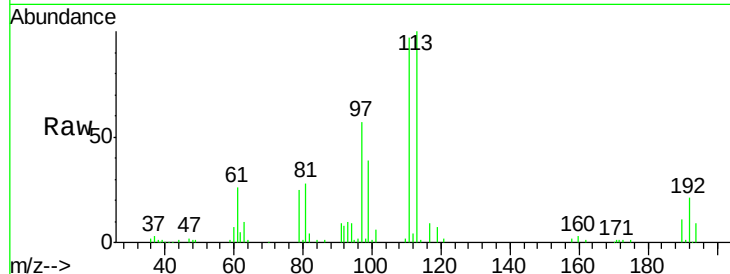
#35
 Dibromofluoromethane
 Concen: 51.47 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	66458		
111	100.5	82.4	123.6	
192	20.1	15.8	23.6	

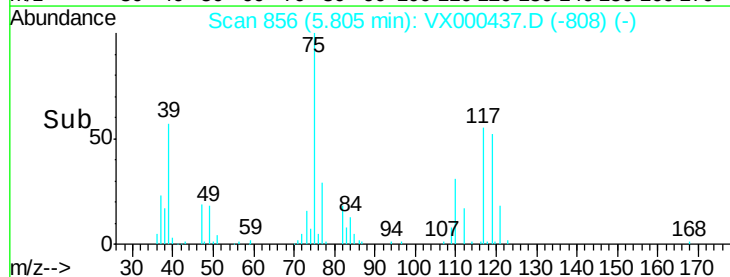
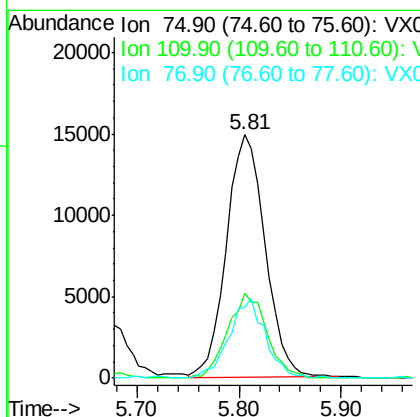
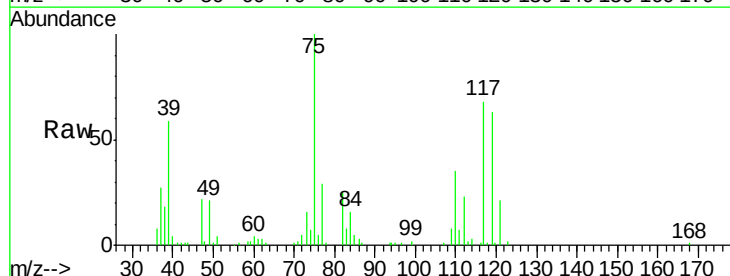
Manual Integrations
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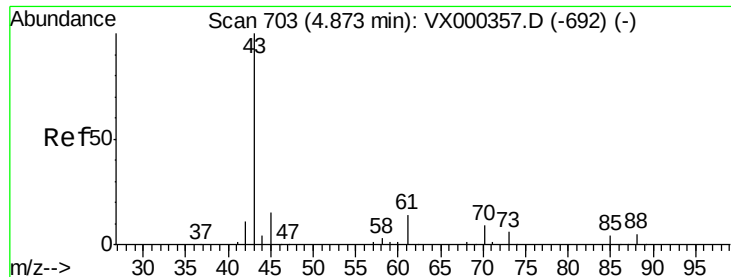
sam
 3/27/2018 5:23:59 PM



#36
 1,1-Dichloropropene
 Concen: 20.32 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38999		
110	35.6	17.9	53.7	
77	30.9	24.0	36.0	





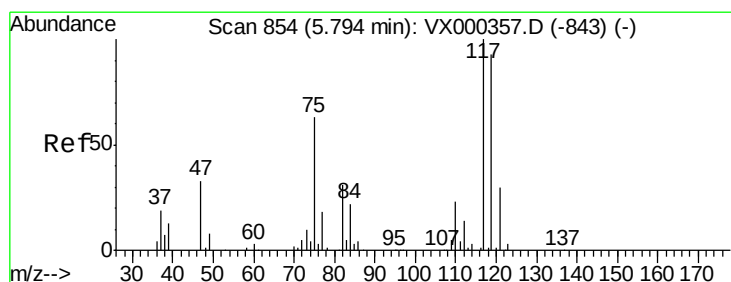
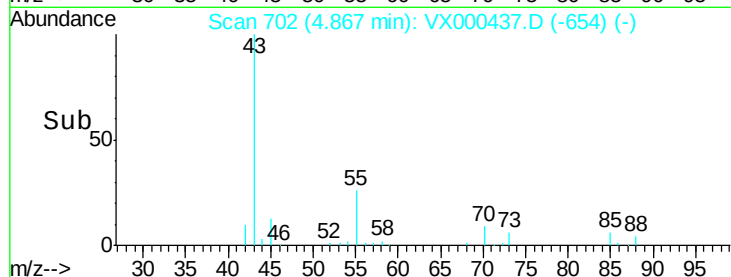
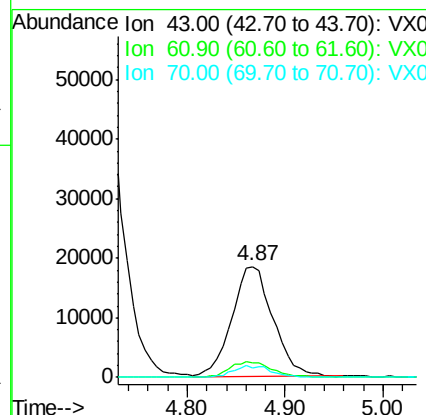
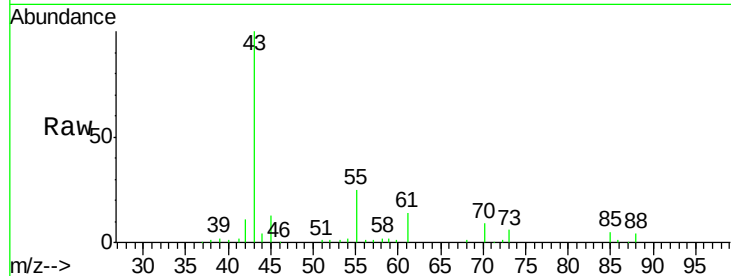
#37
Ethyl Acetate
Concen: 20.50 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.1	16.7
70	9.9	7.7	11.5

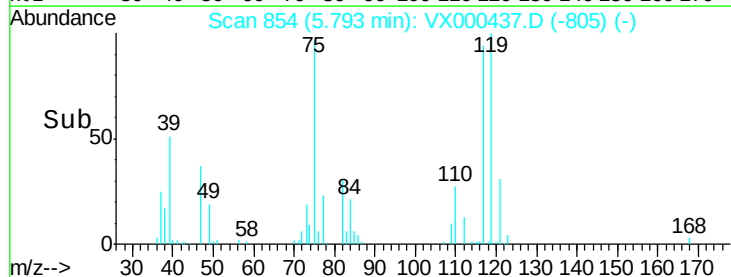
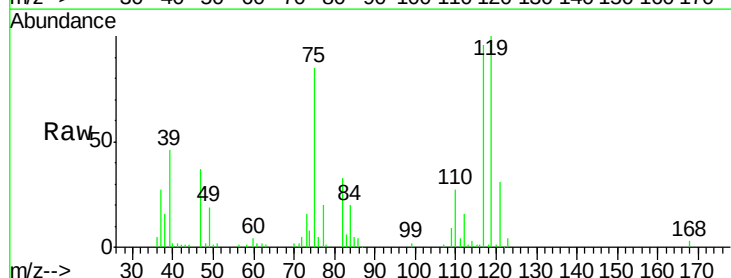
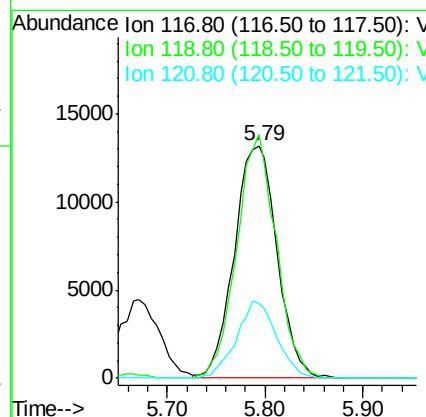
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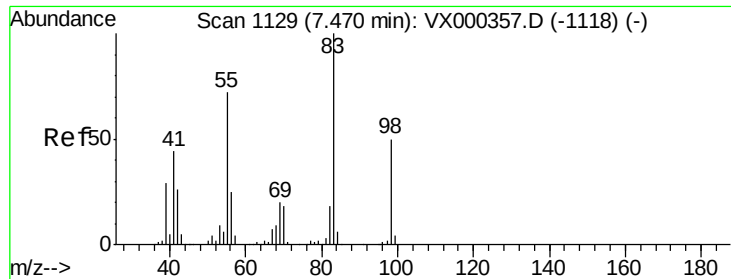
sam
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#38
Carbon Tetrachloride
Concen: 19.87 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.7	77.4	116.2
121	32.1	24.8	37.2





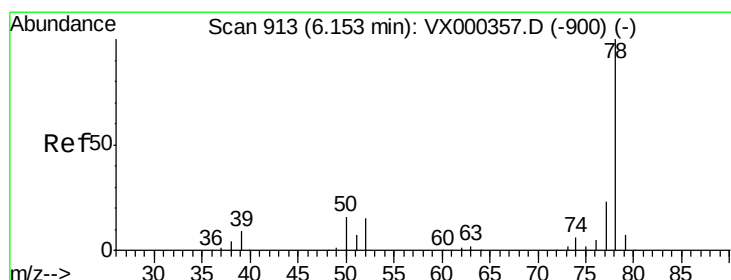
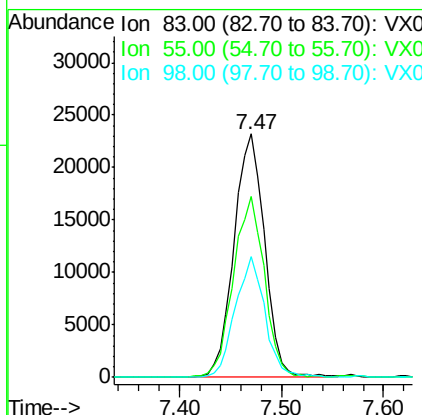
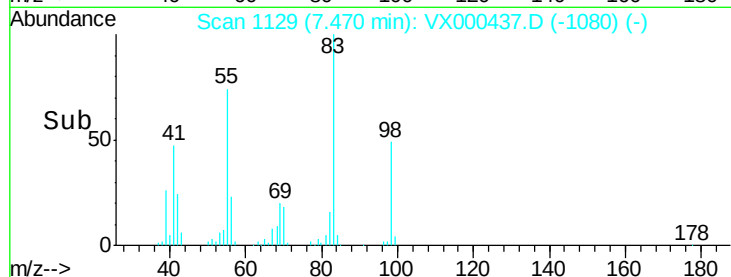
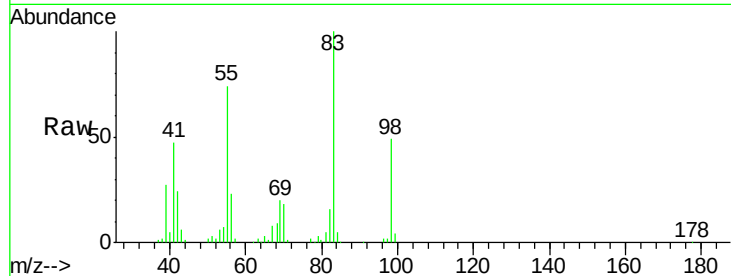
#39
Methylvlcyclohexane
Concen: 20.77 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	83	Resp	48494
Ion Ratio	Lower	Upper	
83	100		
55	74.5	55.5	83.3
98	49.3	38.2	57.4

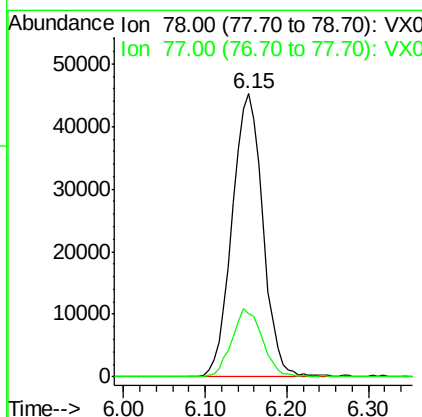
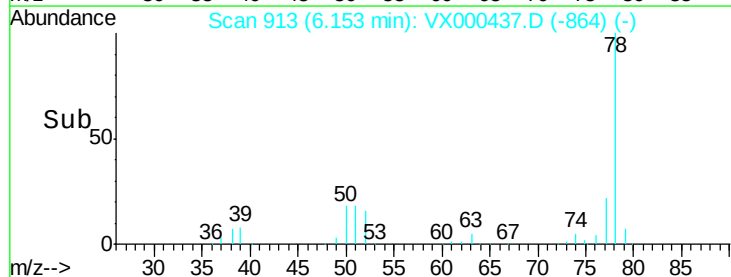
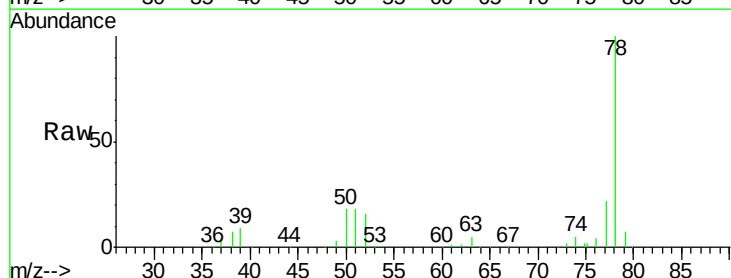
Manual Integrations
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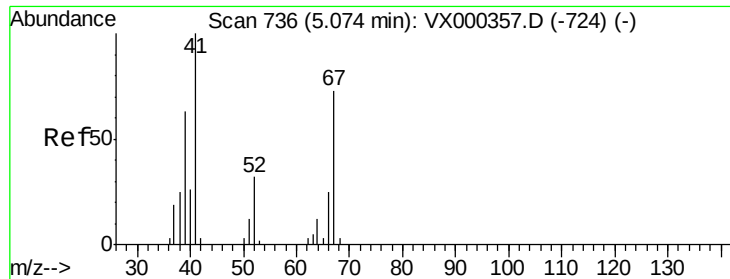
sam
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#40
Benzene
Concen: 21.08 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	78	Resp	117519
Ion Ratio	Lower	Upper	
78	100		
77	22.2	18.7	28.1





#41

Methacrylonitrile

Concen: 21.21 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

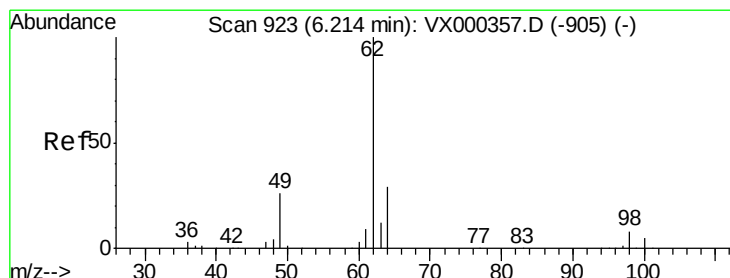
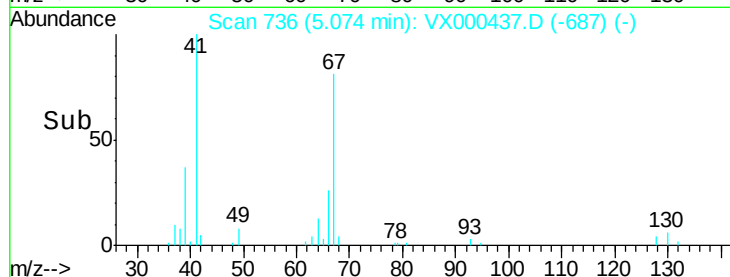
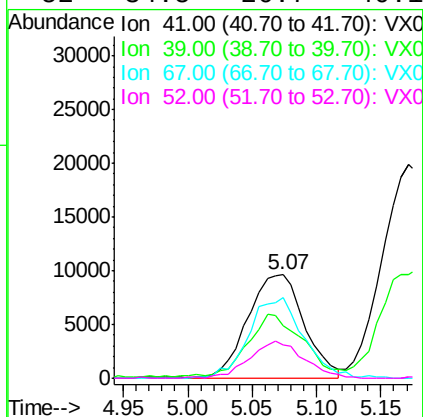
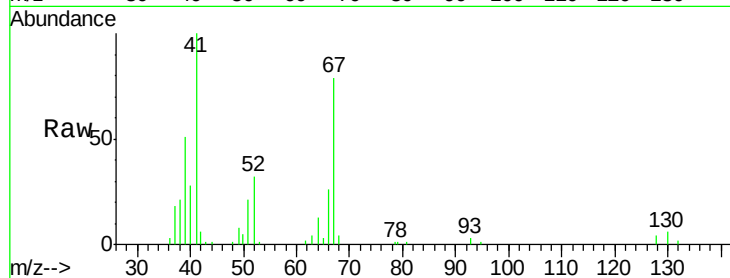
ClientSampleId :

VX0326WBSD01

Tot Ion:	41	Resp:	29323
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.7	68.5
67	74.6	57.8	86.8
52	34.5	26.7	40.1

Manual Integrations
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sam
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#42

1,2-Dichloroethane

Concen: 21.61 ug/l

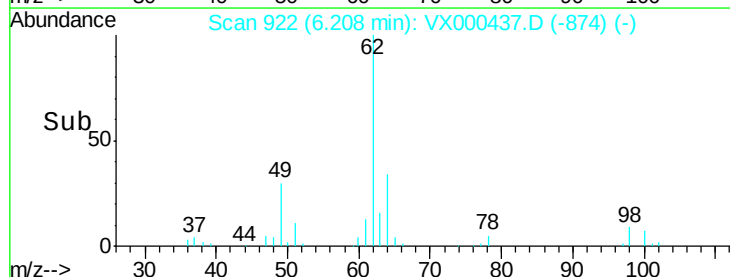
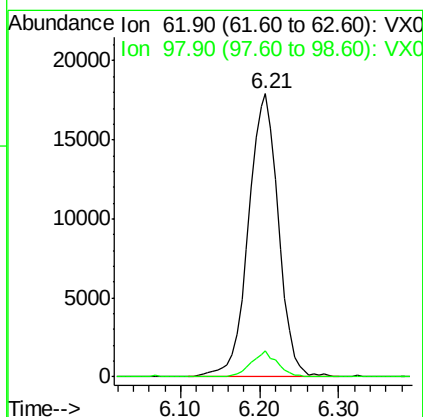
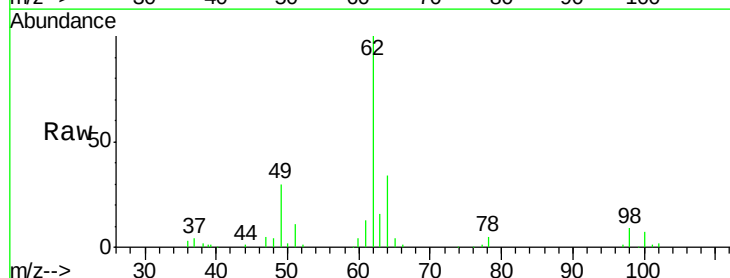
RT: 6.21 min Scan# 922

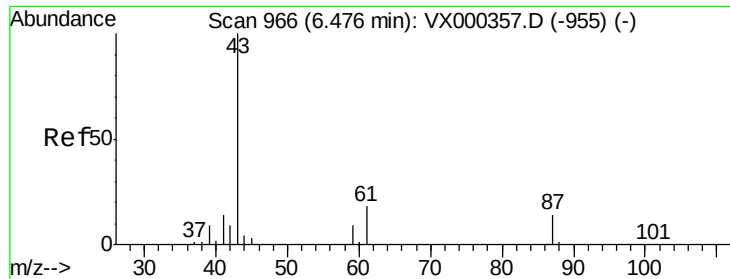
Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion:	62	Resp:	47267
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





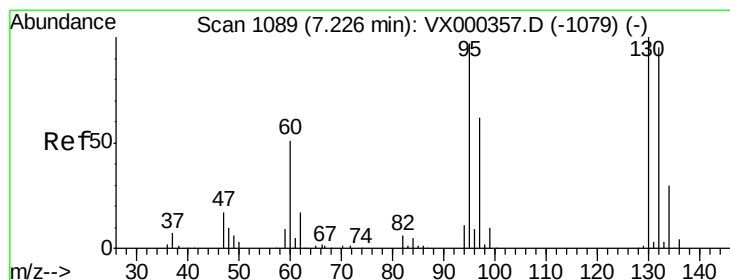
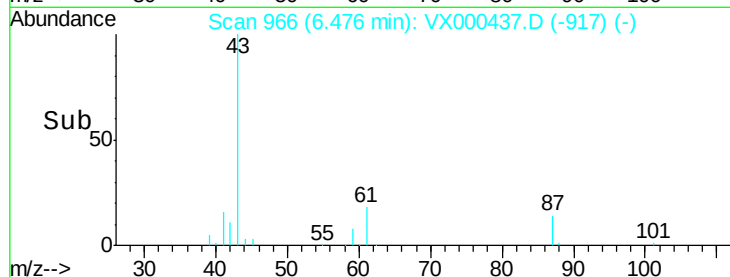
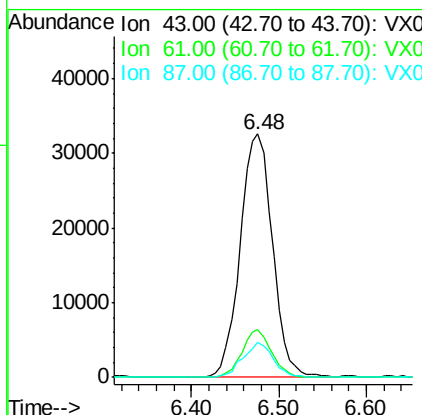
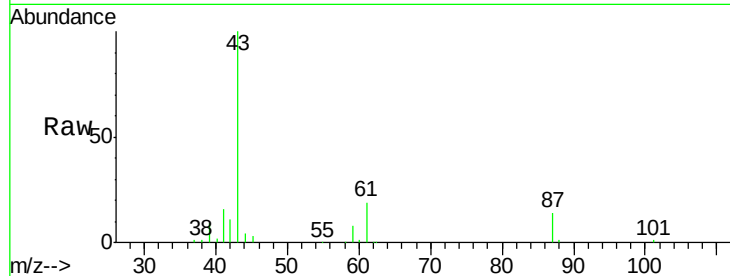
#43
Isopropyl Acetate
Concen: 21.41 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.4	21.6
87	13.3	11.0	16.4

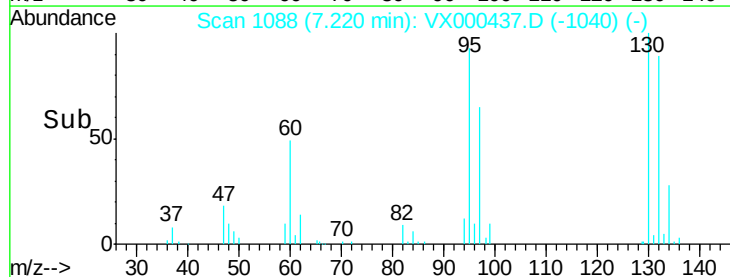
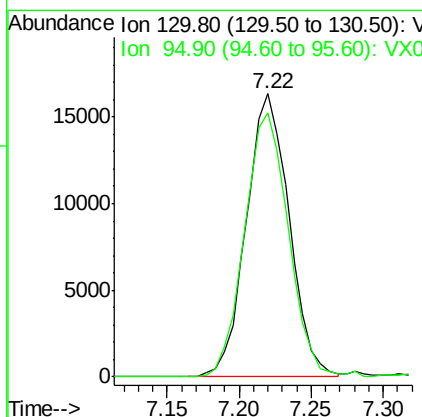
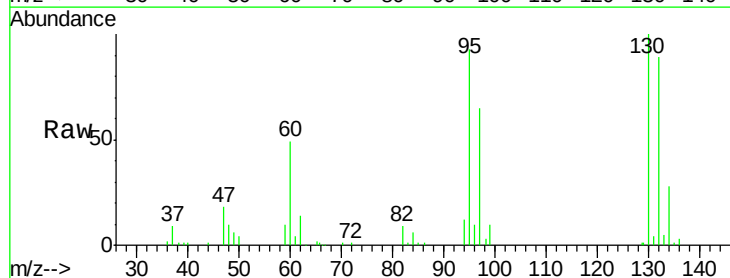
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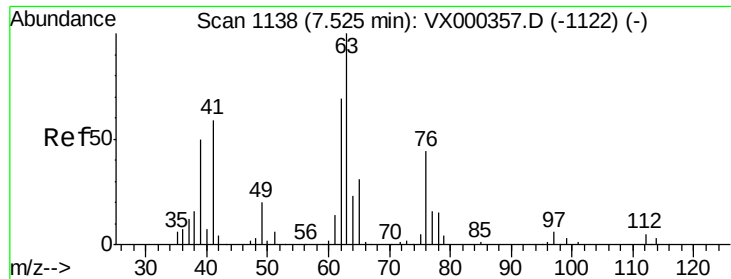
sam
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#44
Trichloroethene
Concen: 21.00 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	186.0





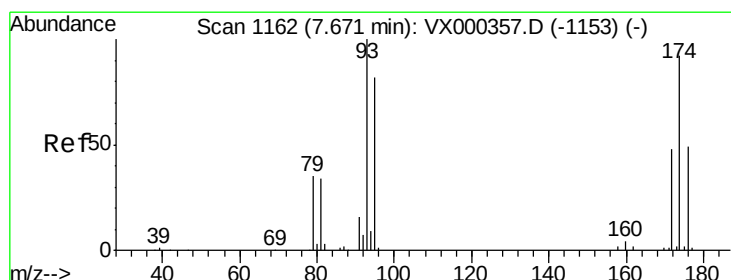
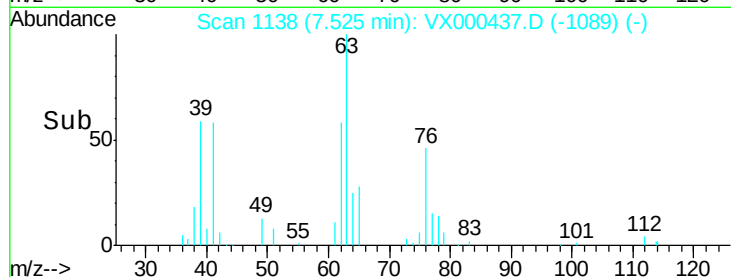
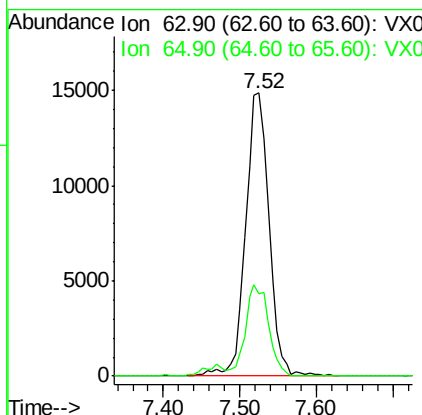
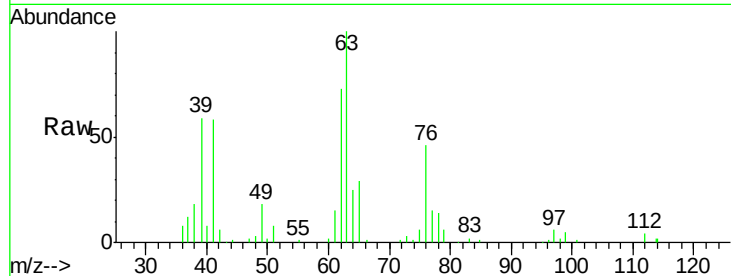
#45
1,2-Dichloropropane
Concen: 22.22 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 63 Resp: 31700
Ion Ratio Lower Upper
63 100
65 29.0 24.6 36.8

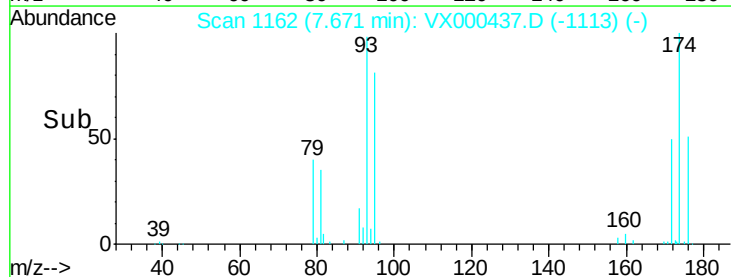
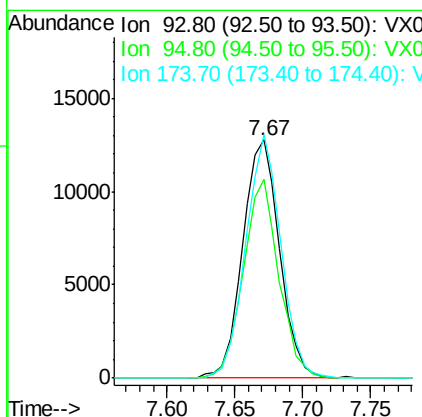
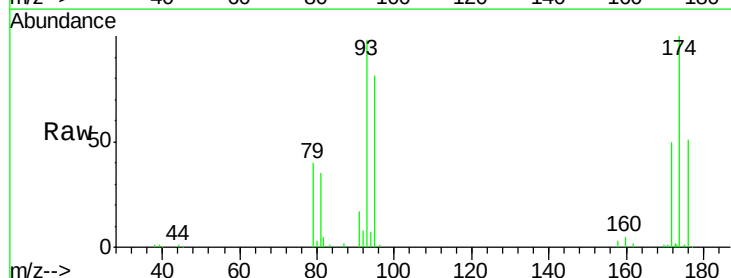
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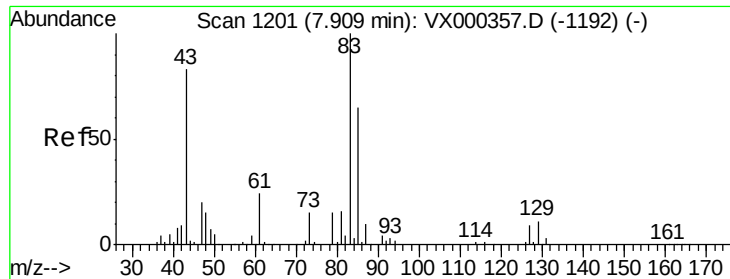
sam
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#46
Dibromomethane
Concen: 21.52 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 93 Resp: 24096
Ion Ratio Lower Upper
93 100
95 80.6 66.5 99.7
174 98.0 76.0 114.0





#47

Bromodichloromethane

Concen: 22.75 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000437.D

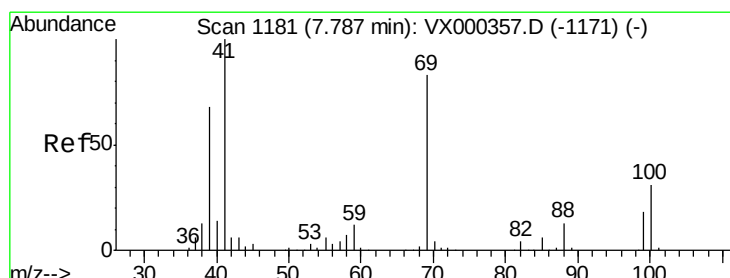
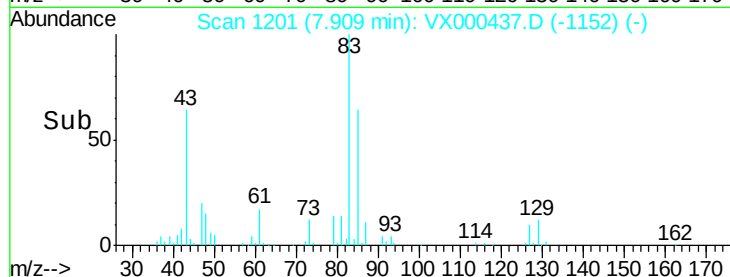
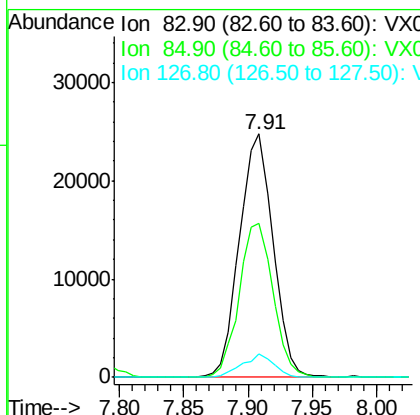
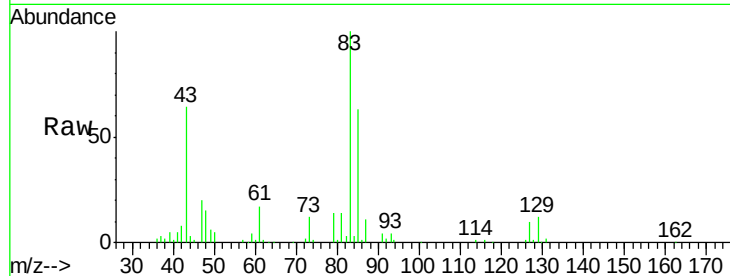
Acq: 26 Mar 2018 13:41

Tot Ion:	83	Resp:	44820
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.0
127	9.6	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.68 ug/l

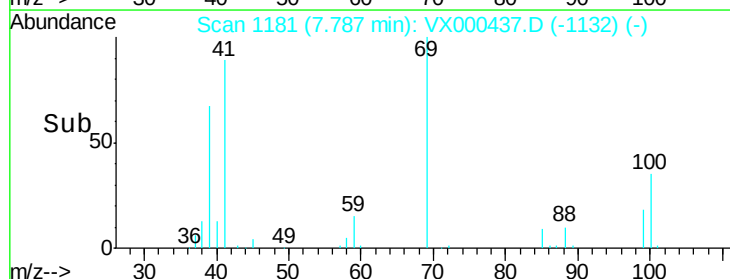
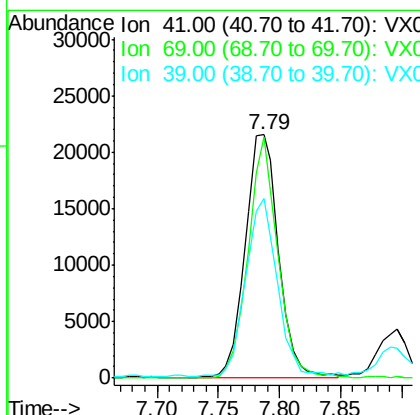
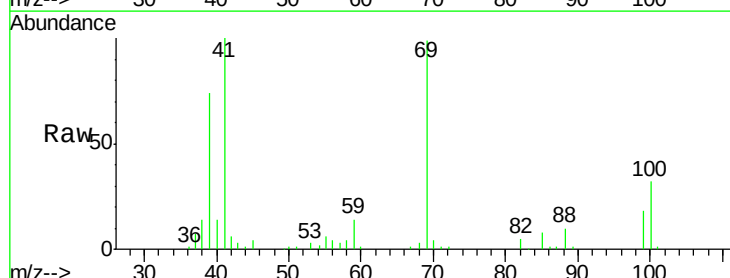
RT: 7.79 min Scan# 1181

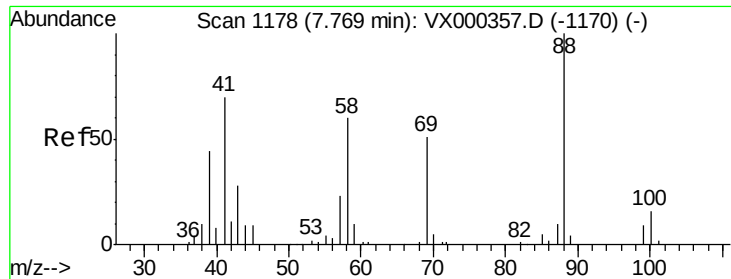
Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion:	41	Resp:	41080
Ion	Ratio	Lower	Upper
41	100		
69	88.2	68.2	102.4
39	68.9	54.6	81.8





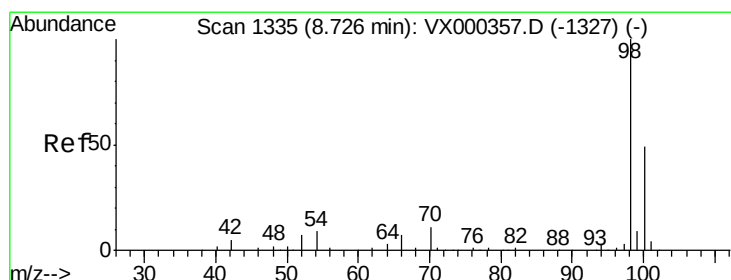
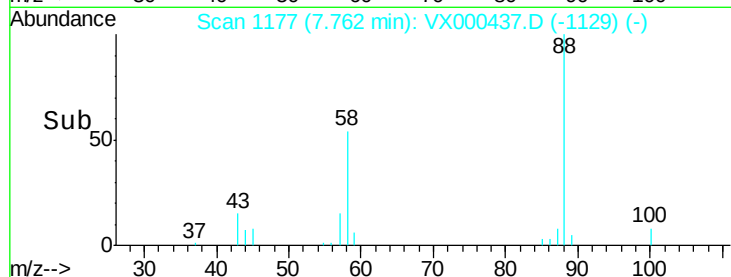
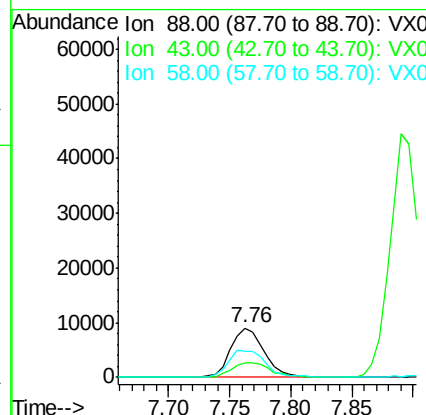
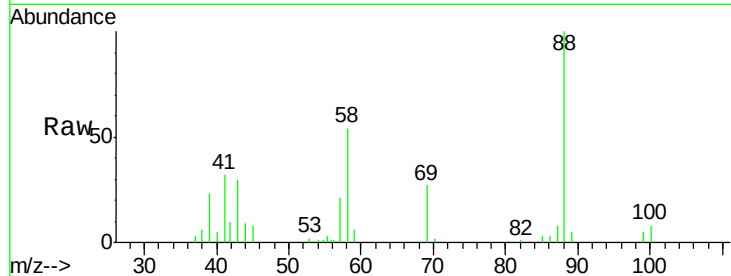
#49
1,4-Dioxane
Concen: 425.57 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	26.8	40.2
58	61.3	52.2	78.2

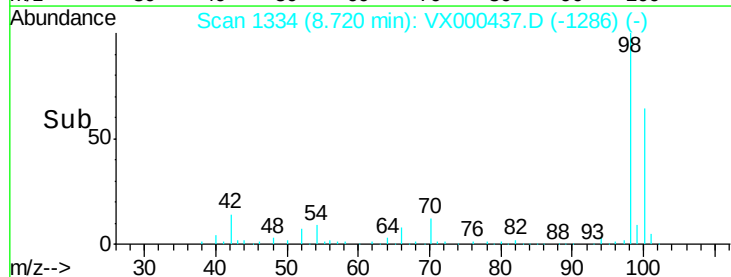
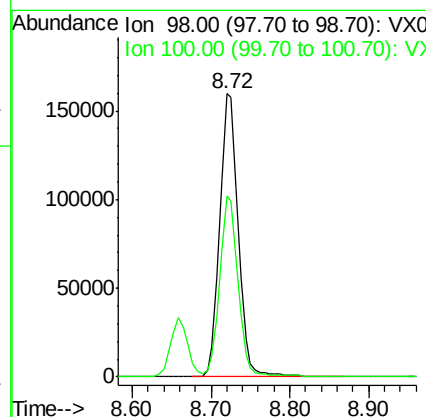
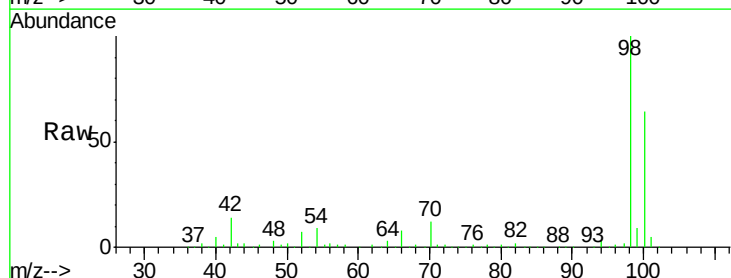
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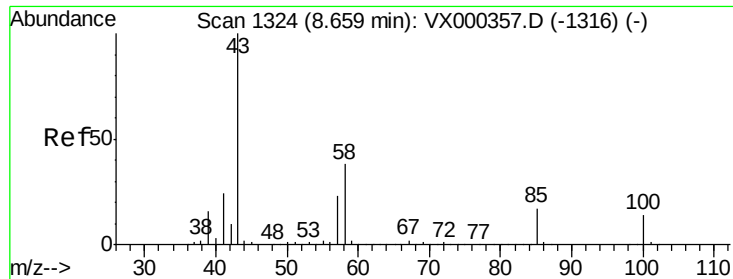
sam
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#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 111.22 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

VX0326WBSD01

Tot Ion: 43 Resp: 335977

Ion Ratio Lower Upper

43 100

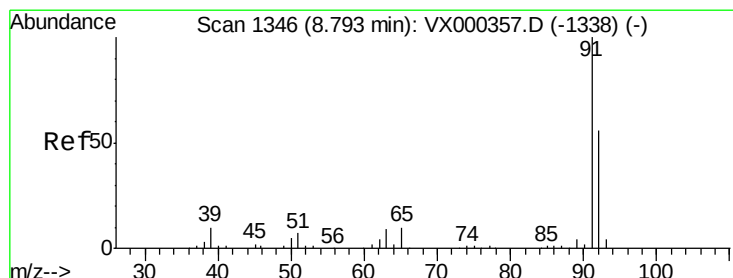
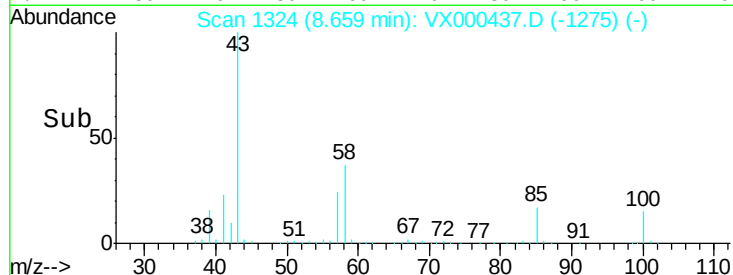
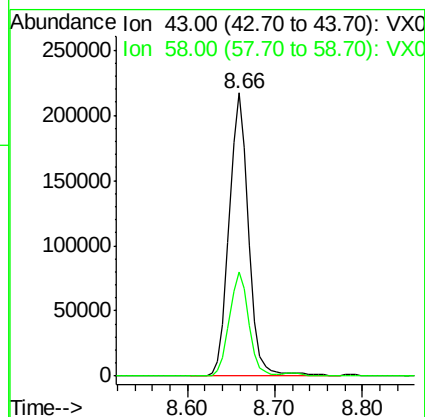
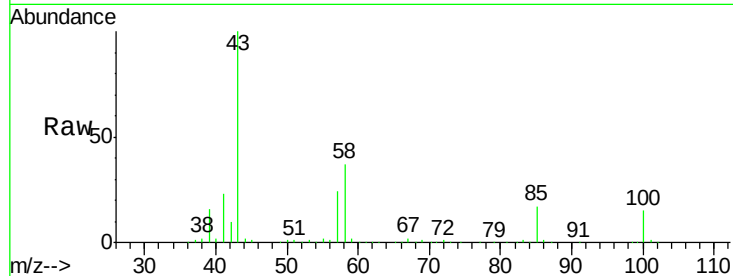
58 36.4 30.3 45.5

Manual Integrations

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sam

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#52

Toluene

Concen: 20.86 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000437.D

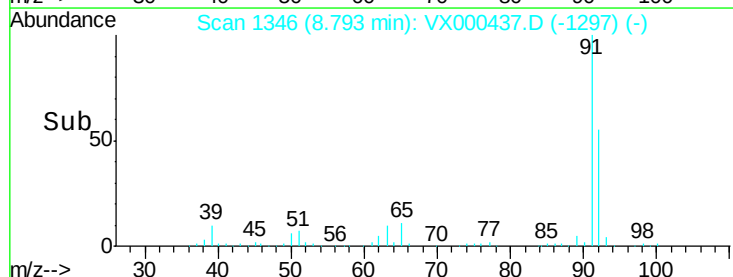
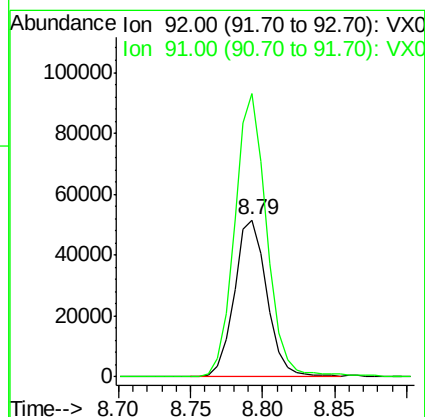
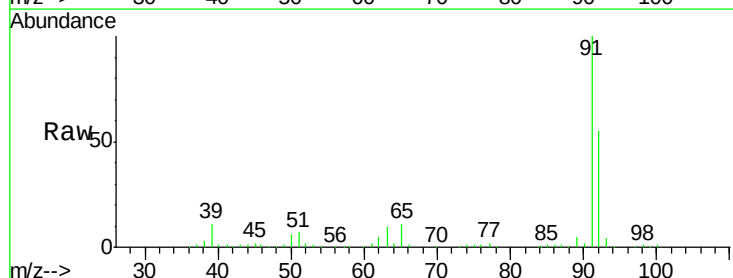
Acq: 26 Mar 2018 13:41

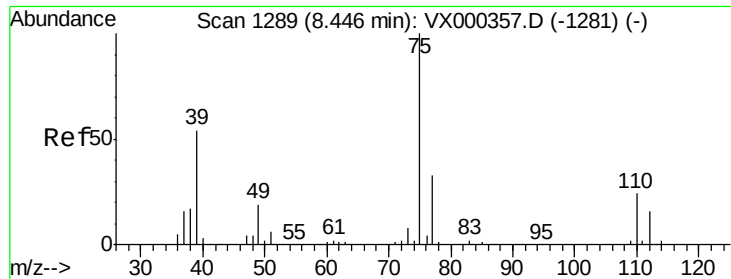
Tgt Ion: 92 Resp: 81300

Ion Ratio Lower Upper

92 100

91 178.1 140.2 210.2





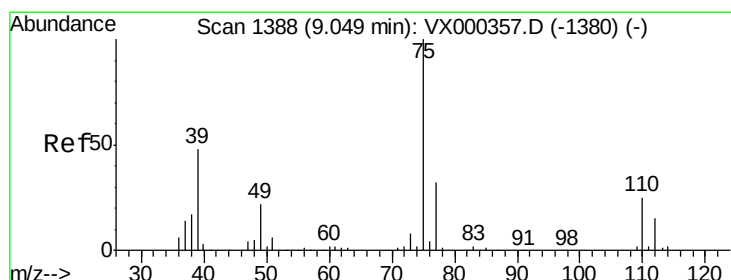
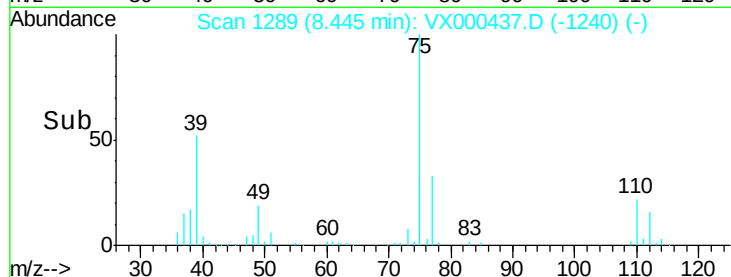
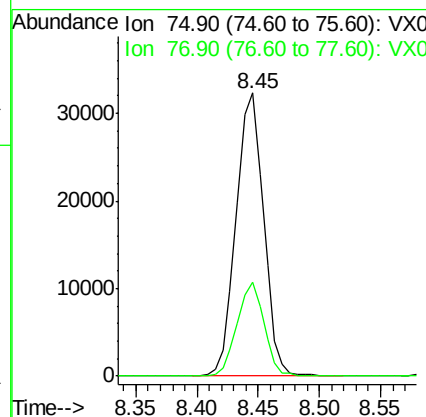
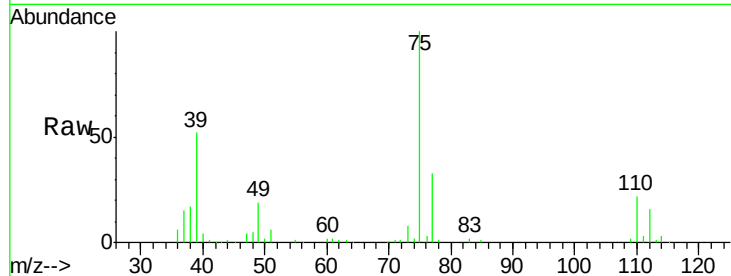
#53
 t-1,3-Dichloropropene
 Concen: 22.07 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0326WBSD01

Tot Ion: 75 Resp: 50392
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.0 36.0

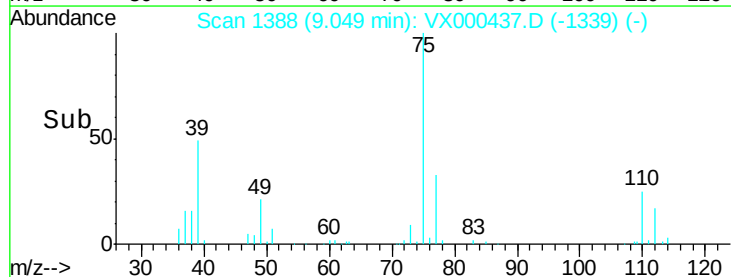
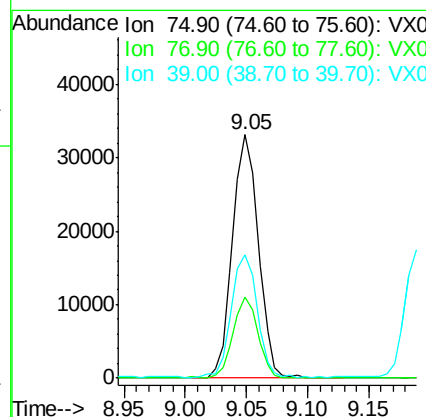
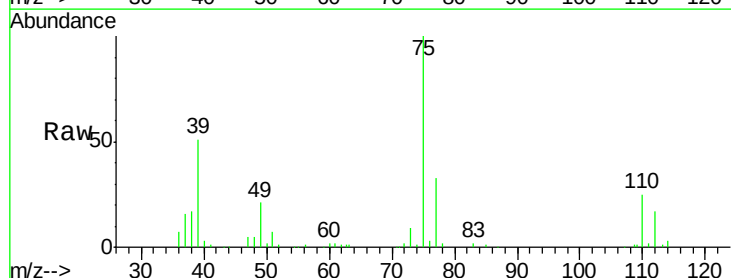
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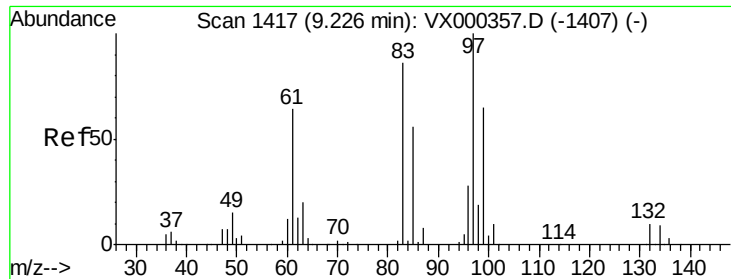
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 21.88 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 75 Resp: 48458
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 50.4 39.8 59.6





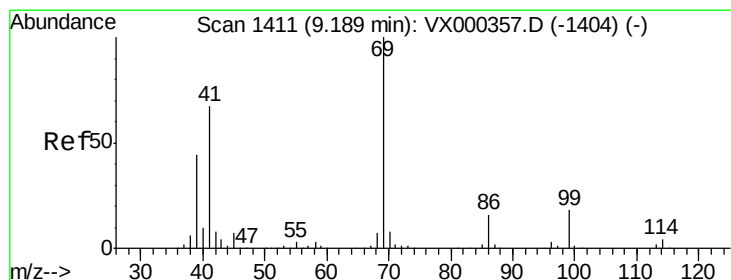
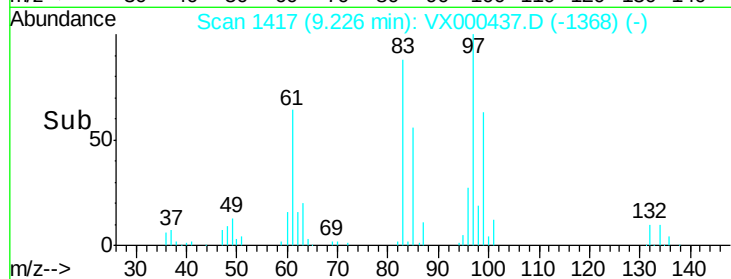
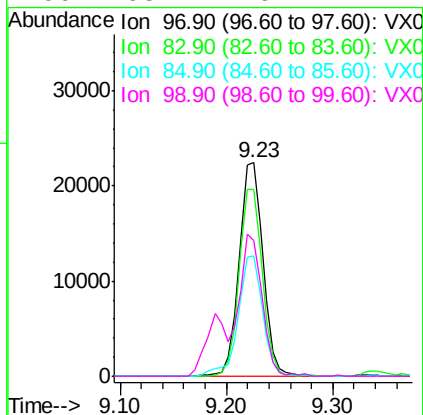
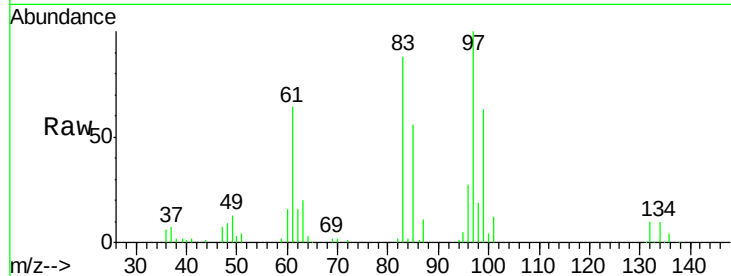
#55
 1,1,2-Trichloroethane
 Concen: 22.11 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion:	97	Resp:	35438
Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.9	101.9
85	56.5	42.8	64.2
99	63.1	49.4	74.2

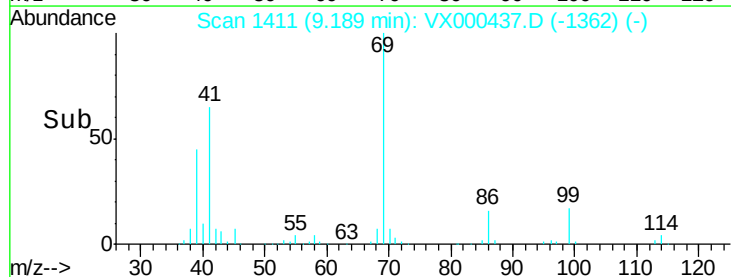
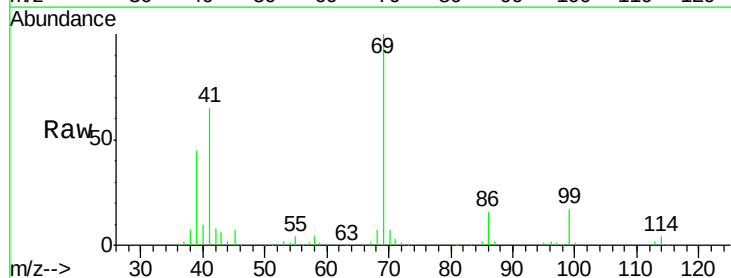
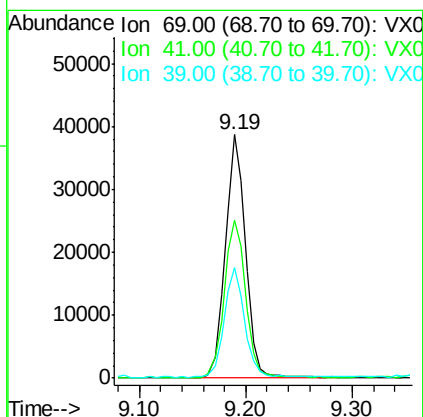
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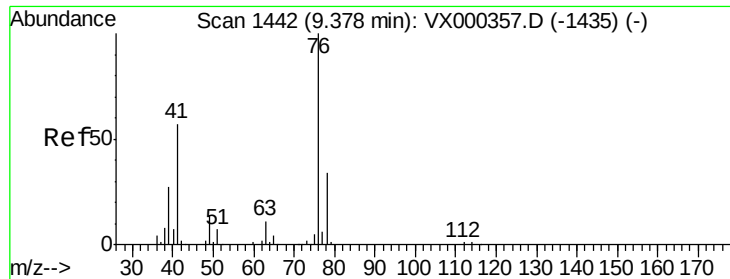
sam
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#56
 Ethyl methacrylate
 Concen: 21.32 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion:	69	Resp:	51773
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.0	79.6
39	44.8	35.3	52.9





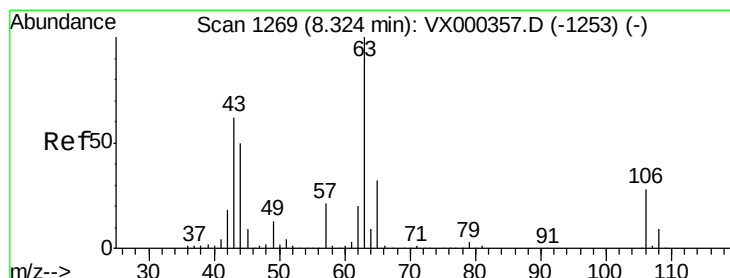
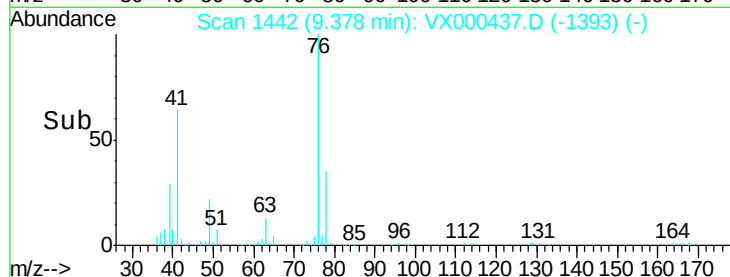
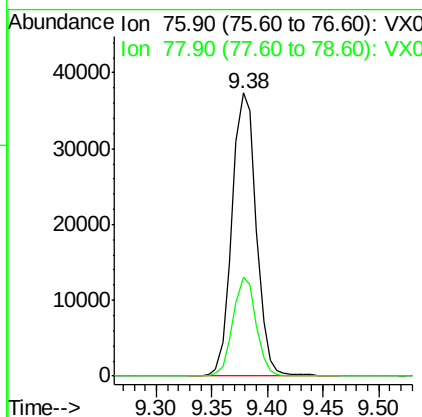
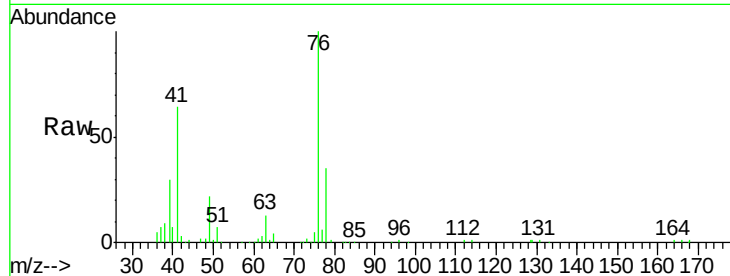
#57
 1,3-Dichloropropane
 Concen: 22.04 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.4	39.6

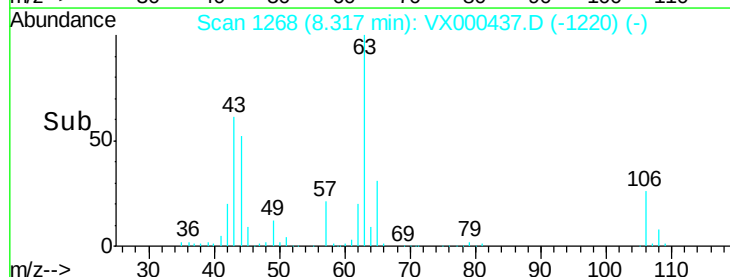
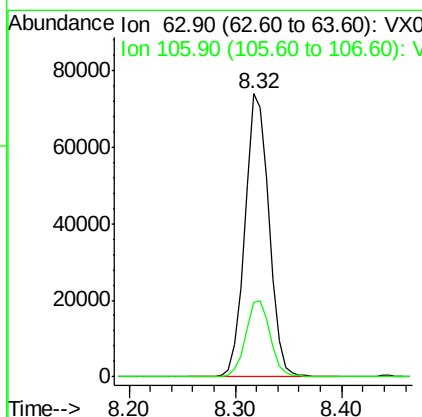
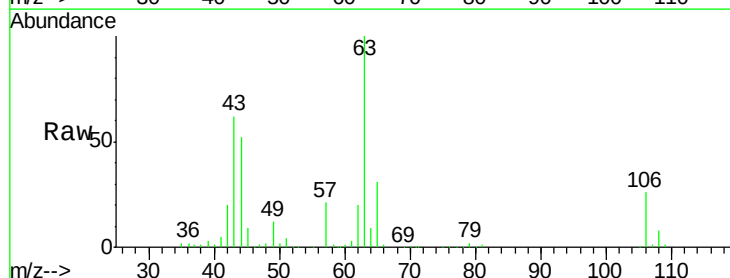
Manual Integrations
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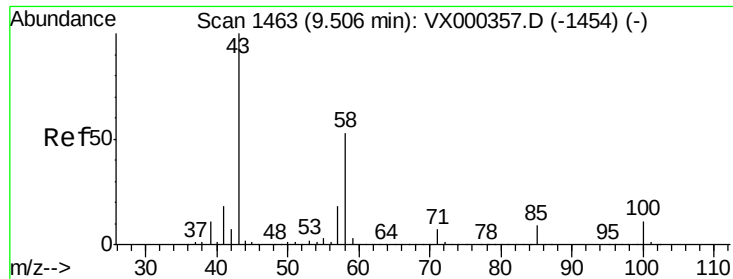
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.75 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	23.2	34.8





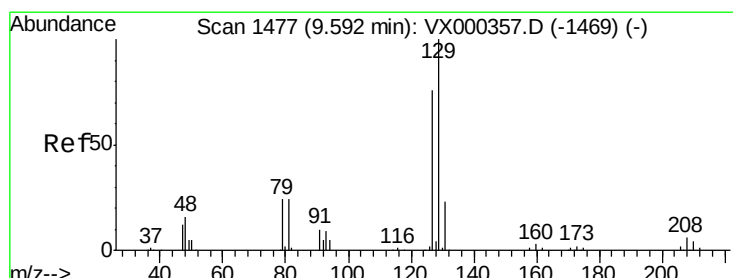
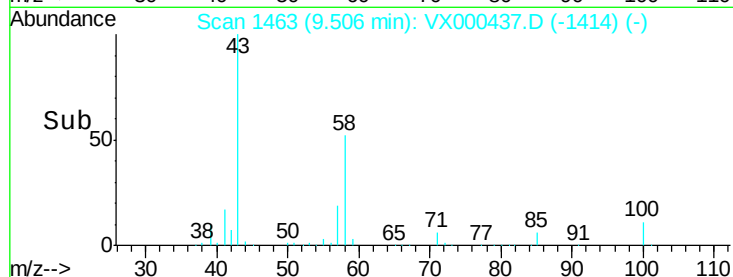
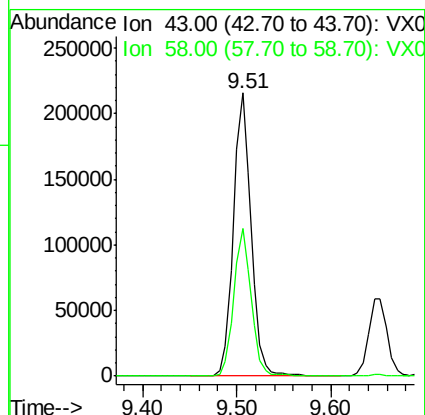
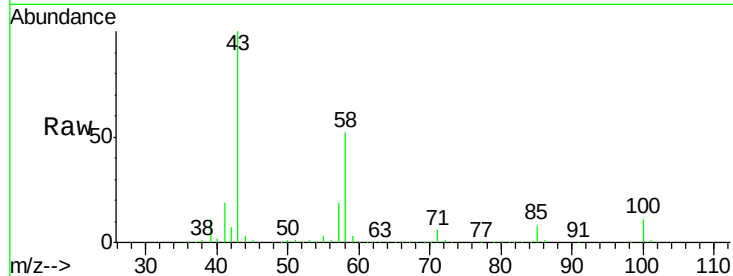
#59
2-Hexanone
Concen: 109.61 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 43 Resp: 281161
Ion Ratio Lower Upper
43 100
58 51.4 26.6 79.7

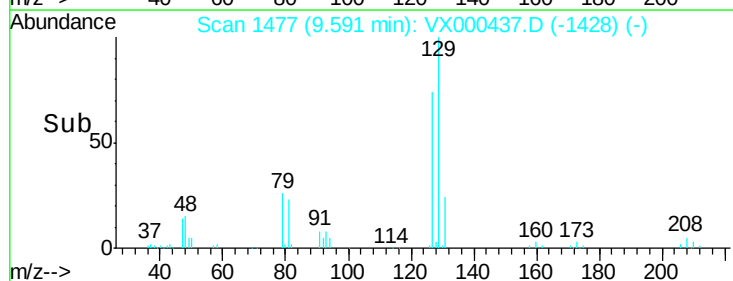
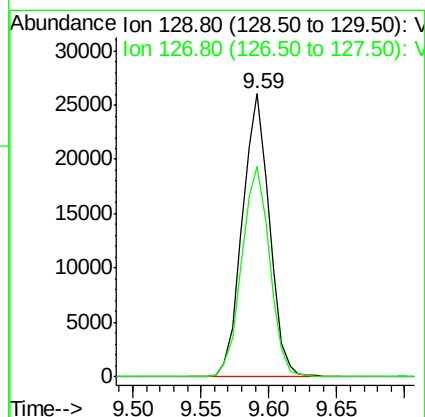
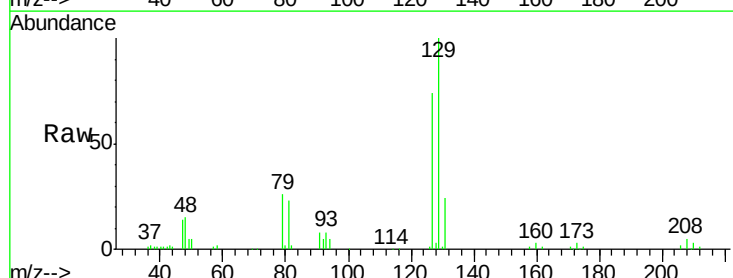
Manual Integrations
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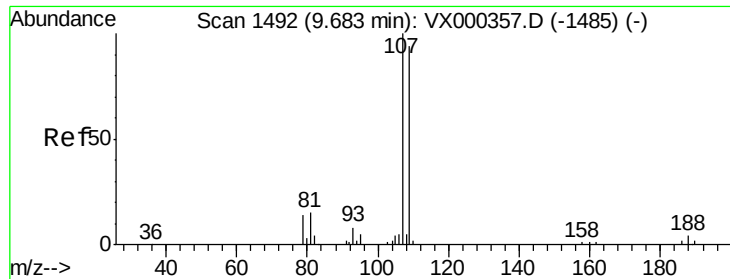
sam
3/27/2018 5:23:59 PM



#60
Dibromochloromethane
Concen: 21.62 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 129 Resp: 36162
Ion Ratio Lower Upper
129 100
127 76.9 37.9 113.6





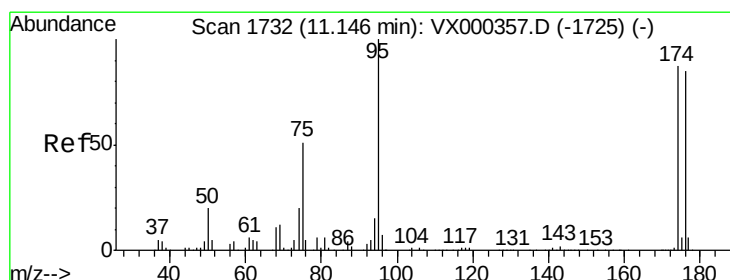
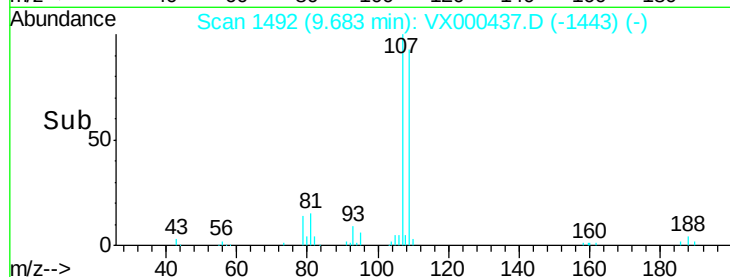
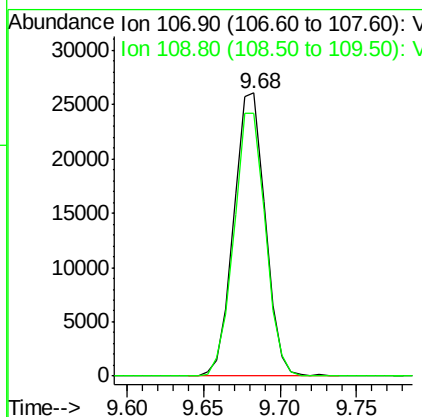
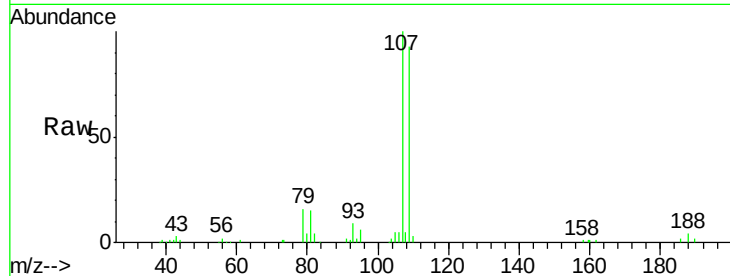
#61
 1,2-Dibromoethane
 Concen: 21.65 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion:107 Resp: 37210
 Ion Ratio Lower Upper
 107 100
 109 93.2 76.1 114.1

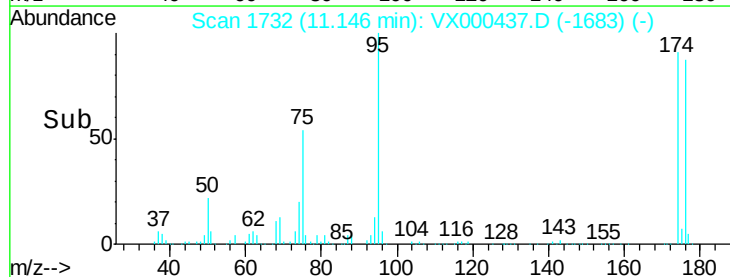
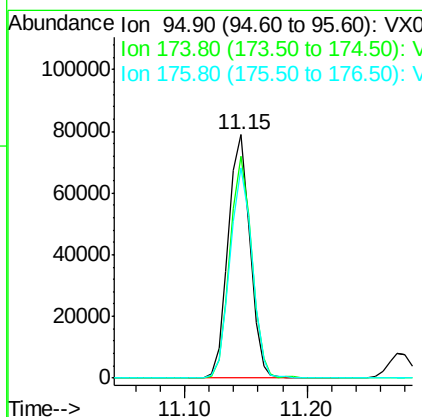
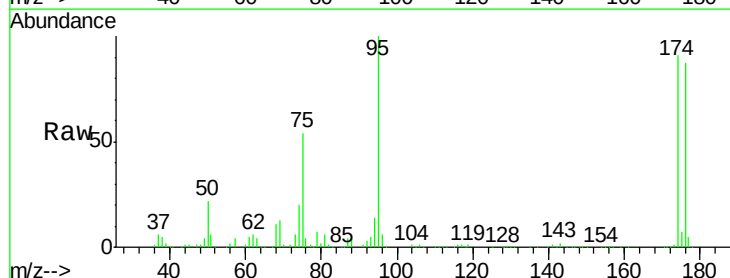
Manual Integrations
 APPROVED

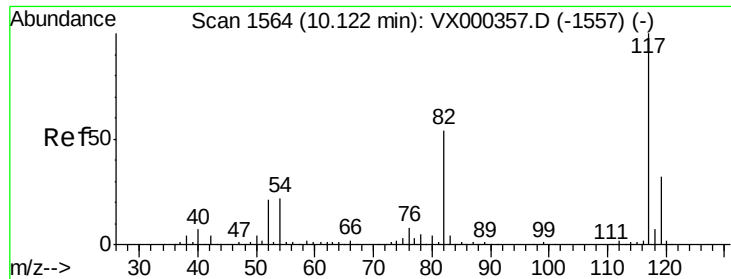
sam
 3/27/2018 5:23:59 PM



#62
 4-Bromofluorobenzene
 Concen: 44.06 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 95 Resp: 97673
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 173.6
 176 87.2 0.0 164.6





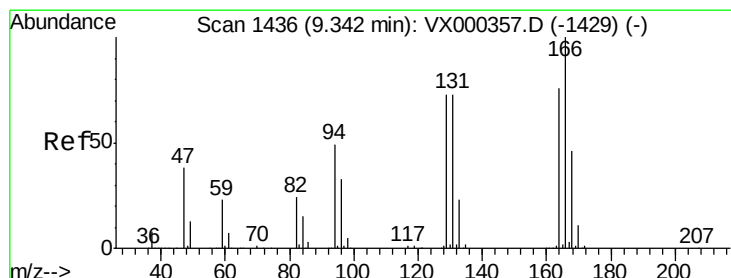
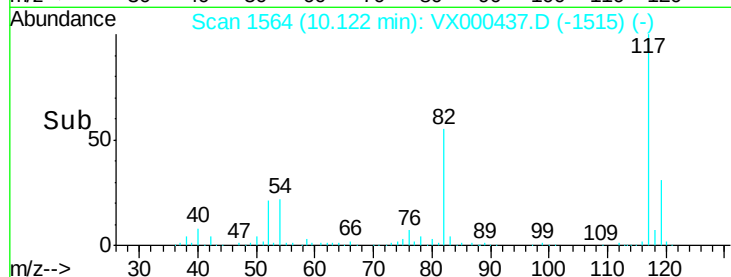
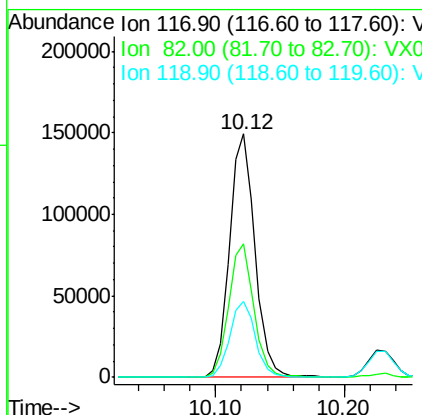
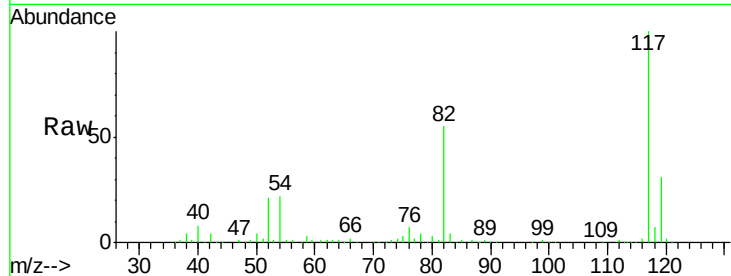
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.8
119	31.2	24.9	37.3

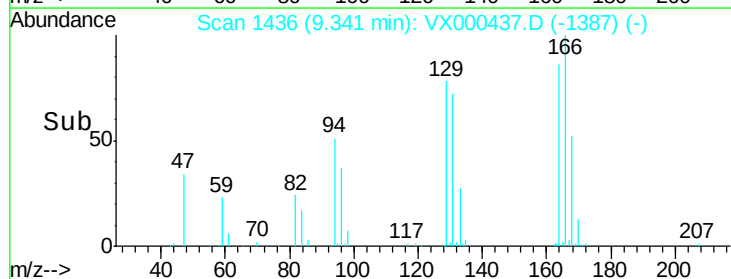
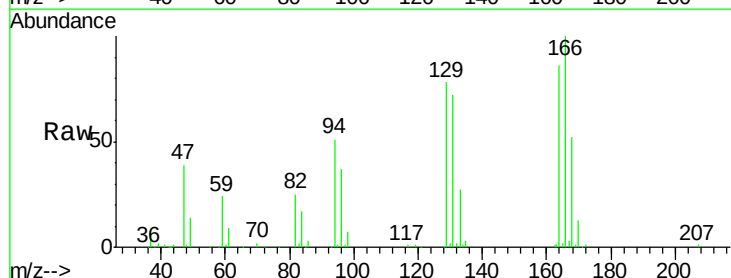
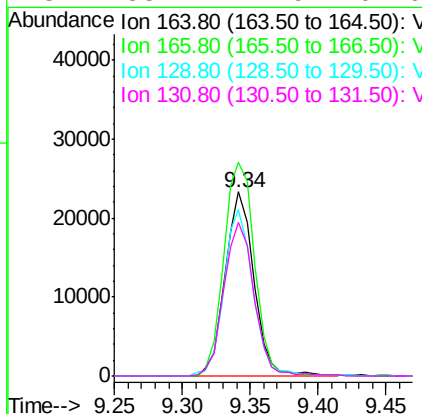
Manual Integrations
APPROVED

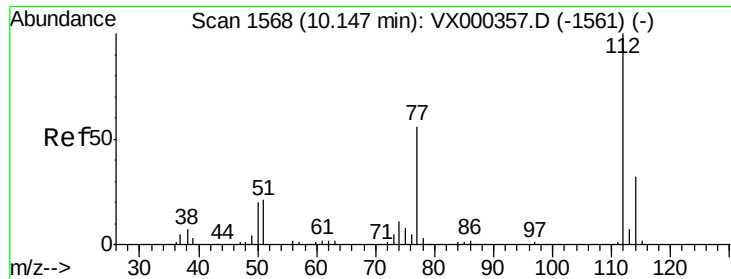
sam
3/27/2018 5:23:59 PM



#64
Tetrachloroethene
Concen: 21.44 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.0	101.0	151.6
129	90.7	79.0	118.4
131	83.4	71.9	107.9





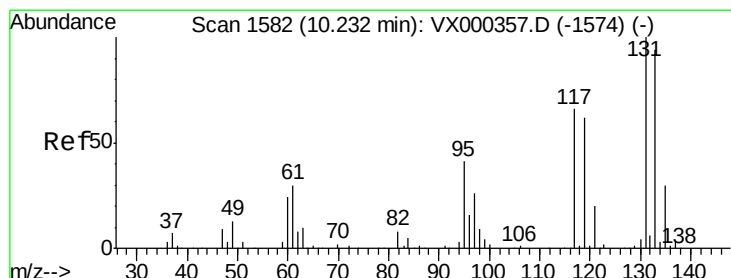
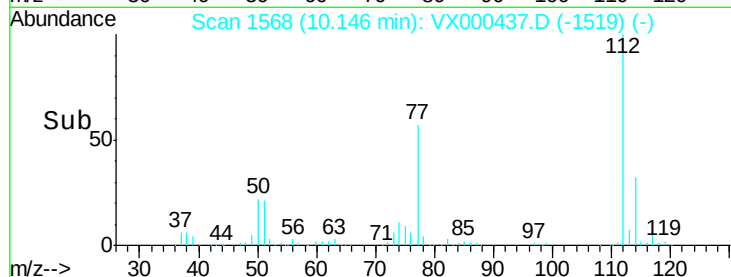
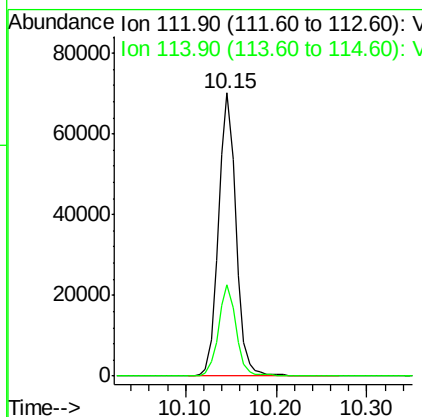
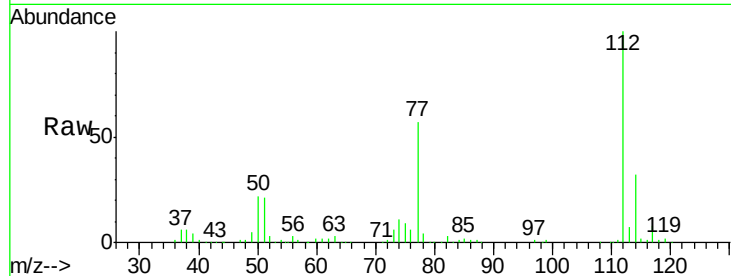
#65
Chlorobenzene
Concen: 20.64 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion:112 Resp: 95212
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

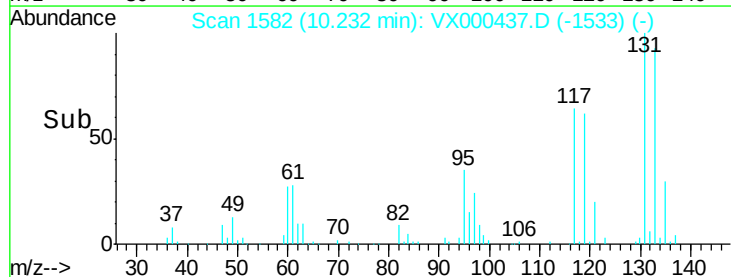
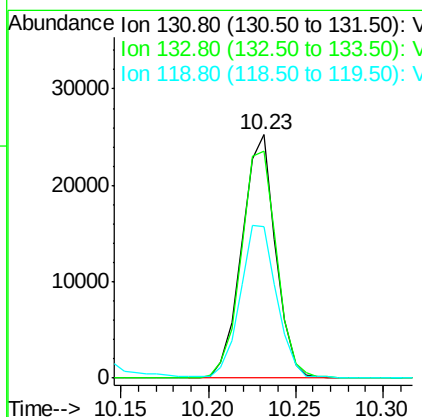
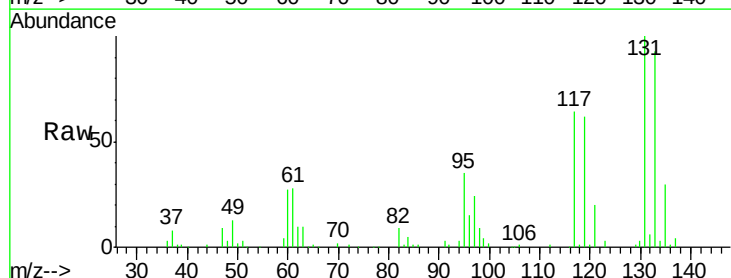
Manual Integrations
APPROVED

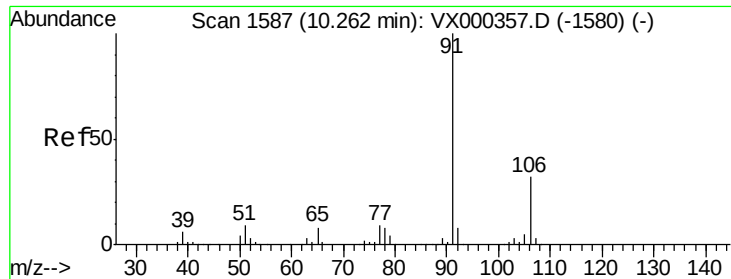
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.55 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion:131 Resp: 33752
Ion Ratio Lower Upper
131 100
133 98.6 47.1 141.3
119 68.0 33.1 99.2





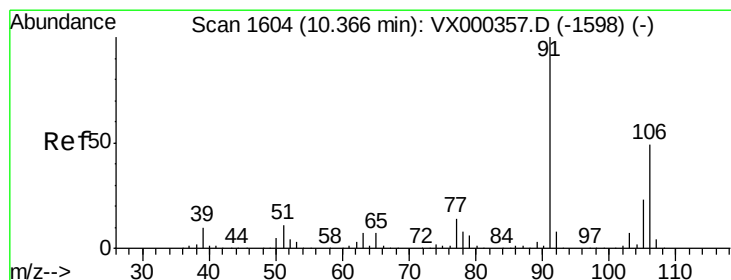
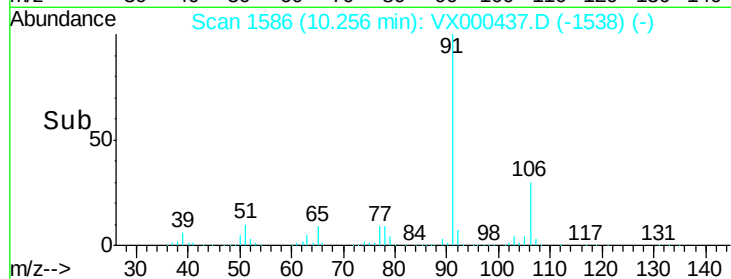
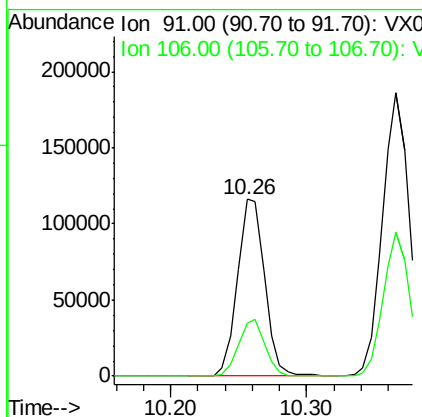
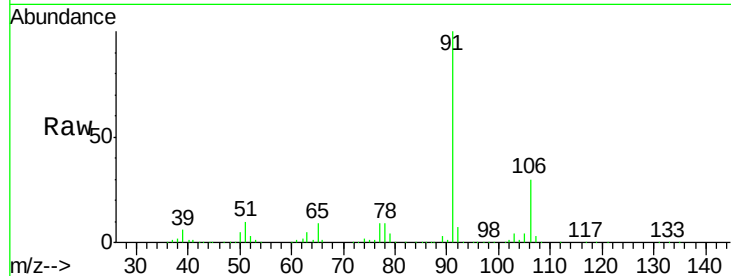
#67
Ethyl Benzene
Concen: 20.75 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

Tot Ion: 91 Resp: 162275
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6

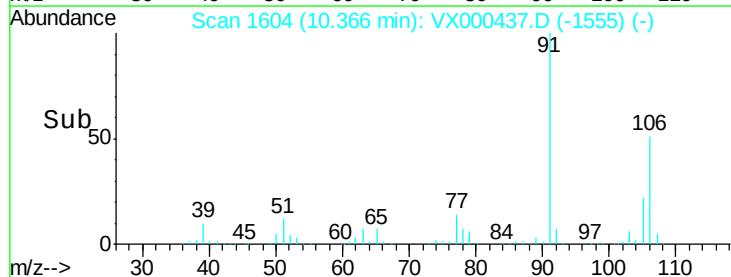
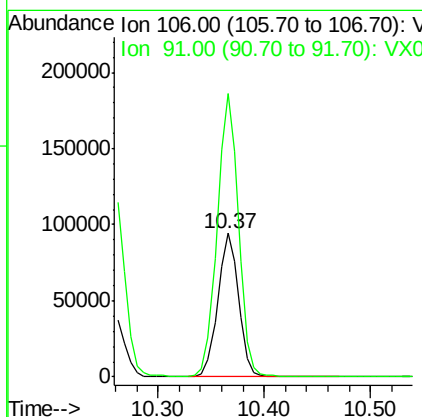
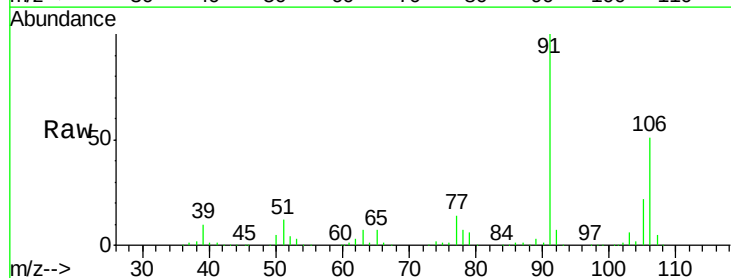
Manual Integrations
APPROVED

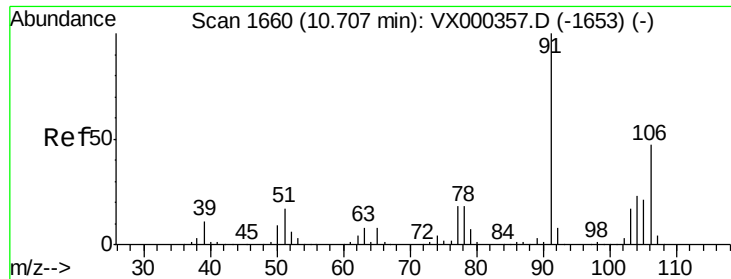
sam
3/27/2018 5:23:59 PM



#68
m/p-Xylenes
Concen: 41.64 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 106 Resp: 128132
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2





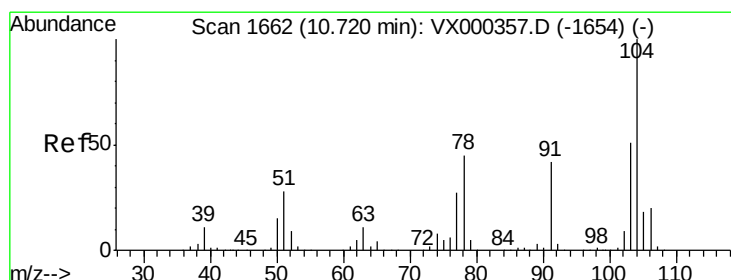
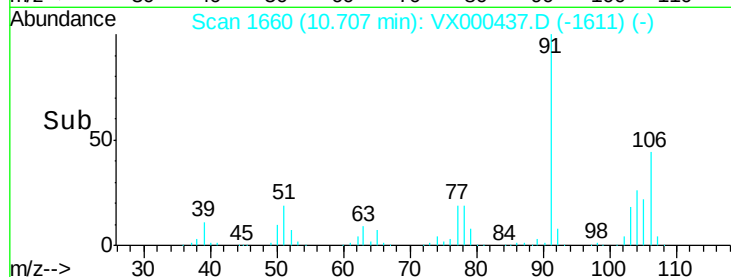
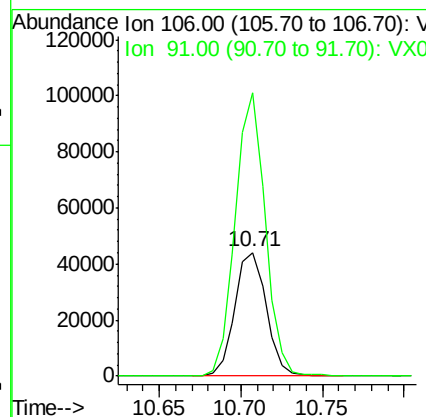
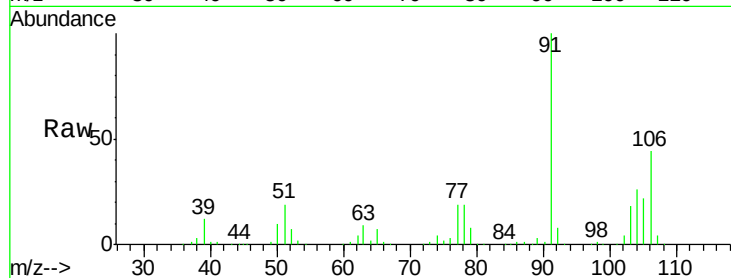
#69
o-Xylene
Concen: 19.92 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion:106 Resp: 59359
Ion Ratio Lower Upper
106 100
91 218.6 106.5 319.6

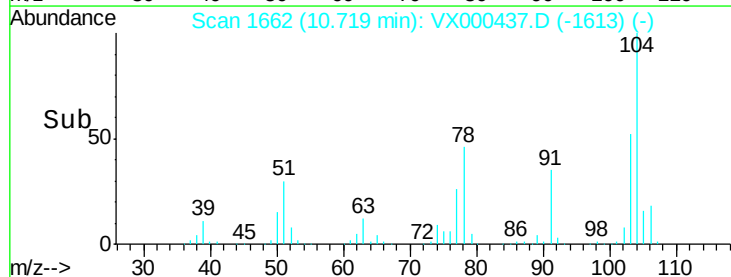
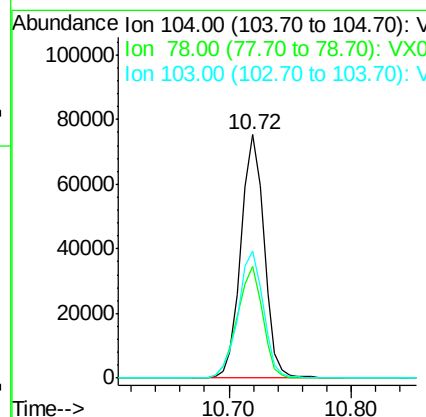
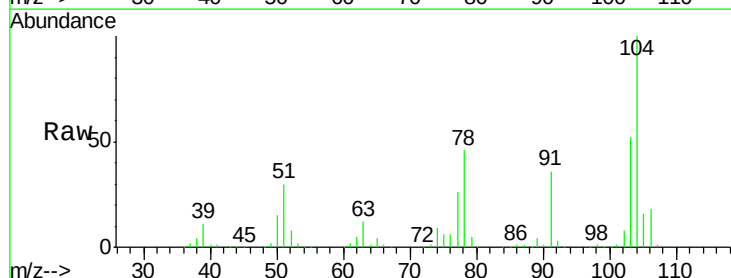
Manual Integrations
APPROVED

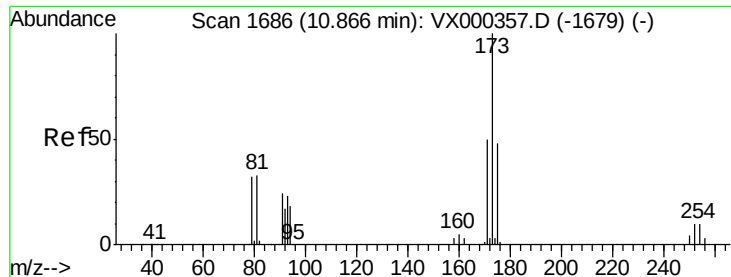
sam
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#70
Styrene
Concen: 20.02 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion:104 Resp: 98702
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 56.6 45.7 68.5





#71

Bromoform

Concen: 20.47 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

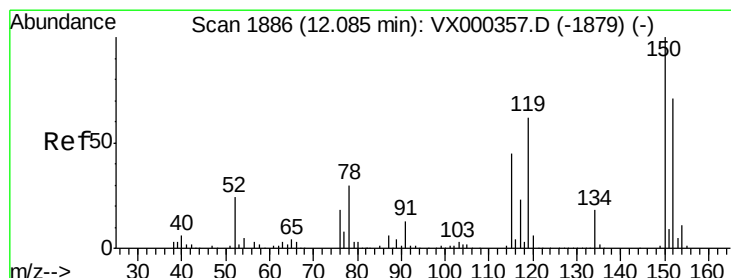
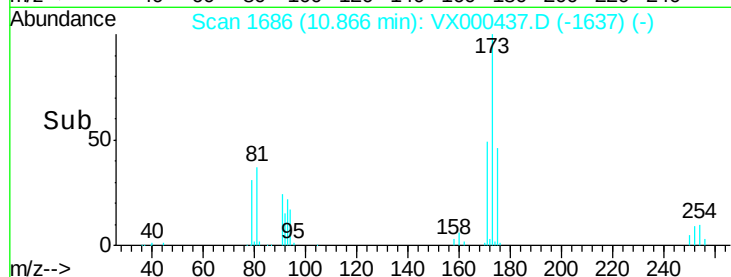
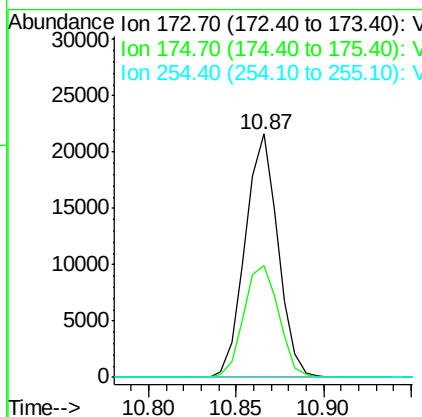
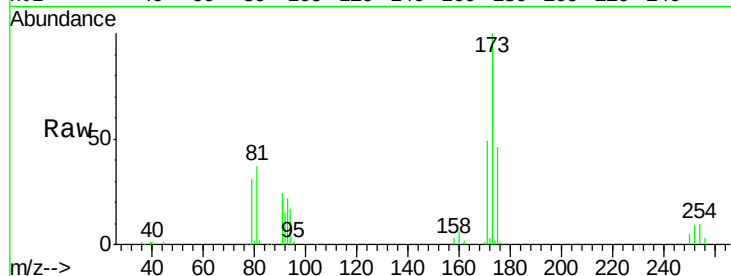
ClientSampleId :

VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
APPROVED

sam
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

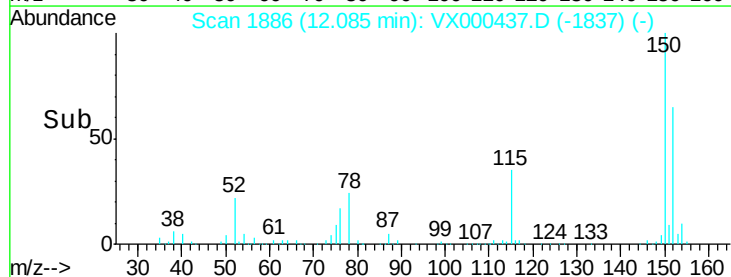
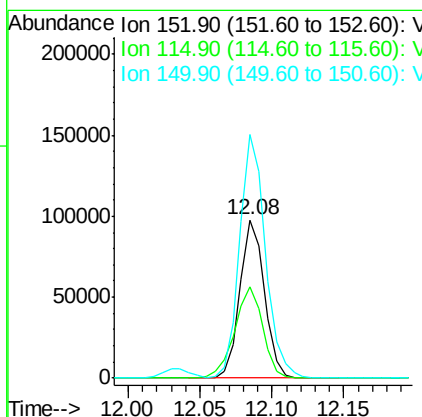
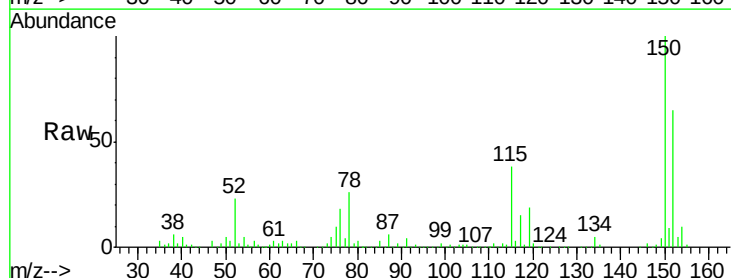
RT: 12.08 min Scan# 1886

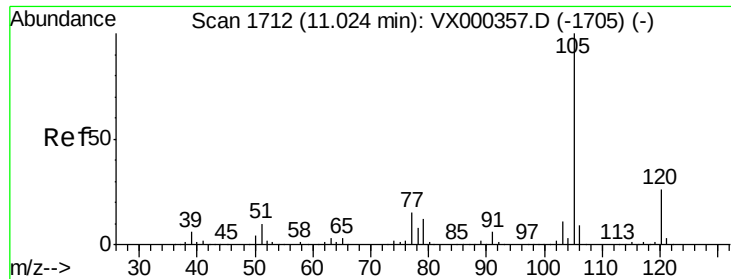
Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.7	39.8	119.3
150	162.1	0.0	344.4





#73

Isopropylbenzene

Concen: 22.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:105 Resp: 169155

Ion Ratio Lower Upper

105 100

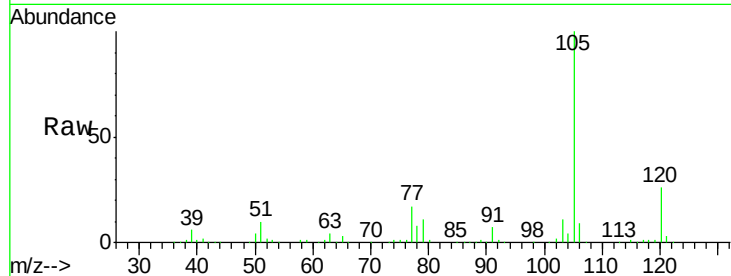
120 27.2 13.6 40.7

Manual Integrations

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sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

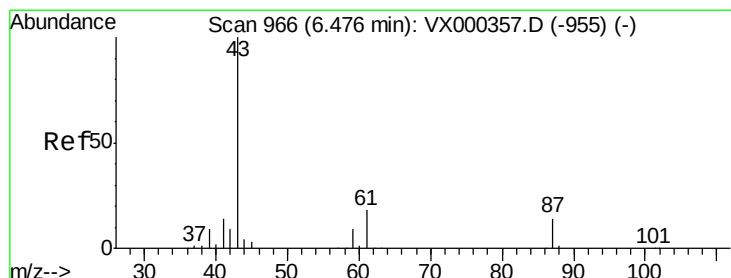
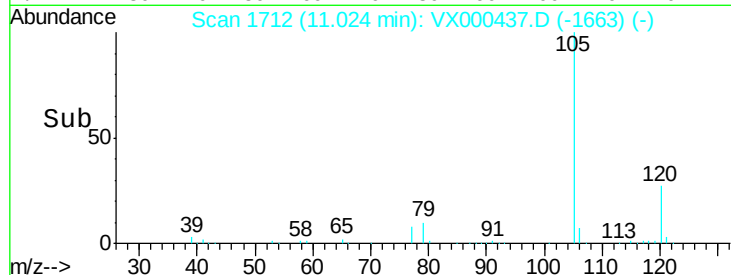
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 23.25 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion: 43 Resp: 83556

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

30000

20000

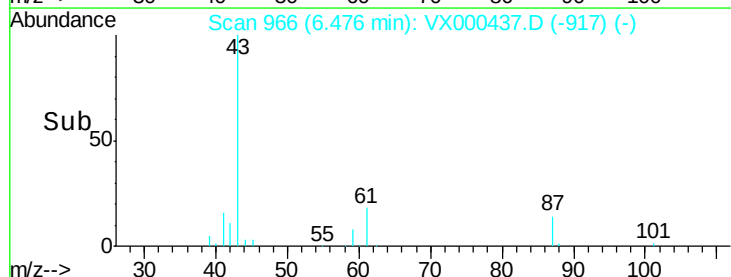
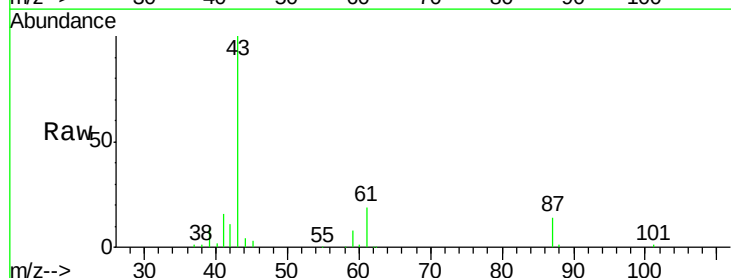
10000

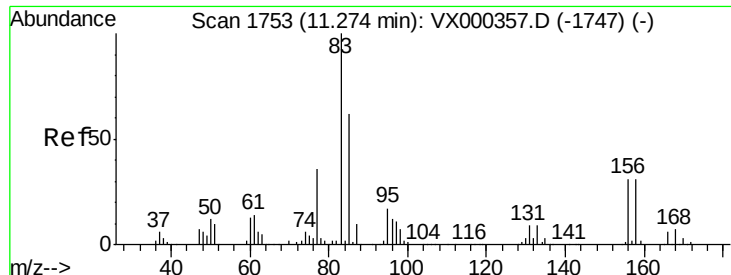
0

6.48

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.48 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

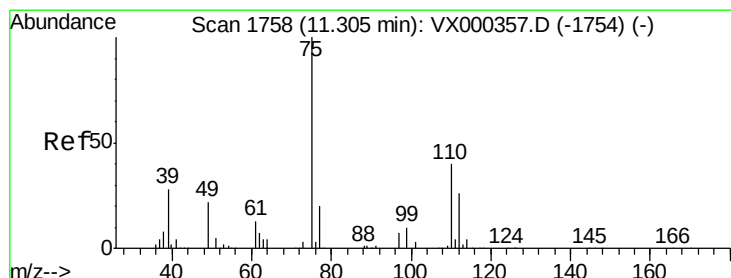
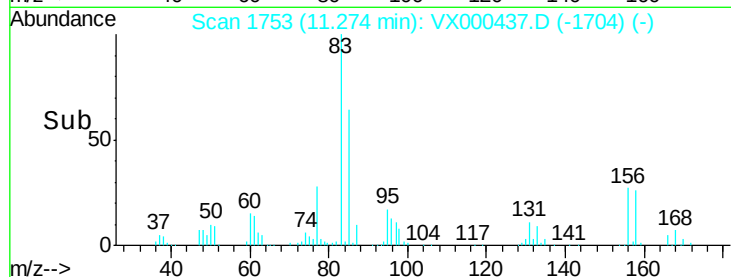
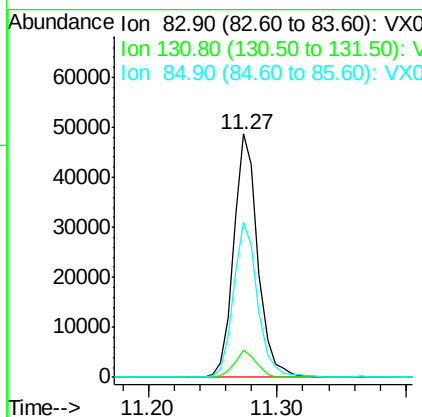
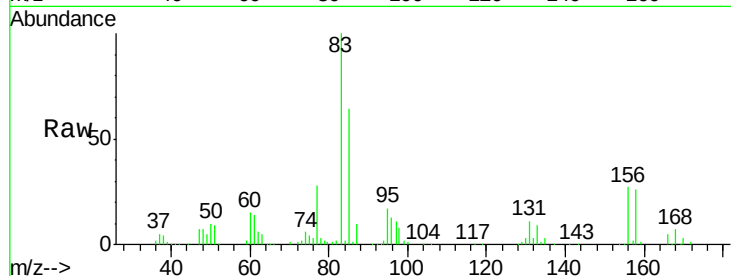
ClientSampleId :

VX0326WBSD01

Tot Ion:	83	Resp:	63640
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	63.8	32.5	97.5

Manual Integrations
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sam
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#76

1,2,3-Trichloropropane

Concen: 22.68 ug/l m

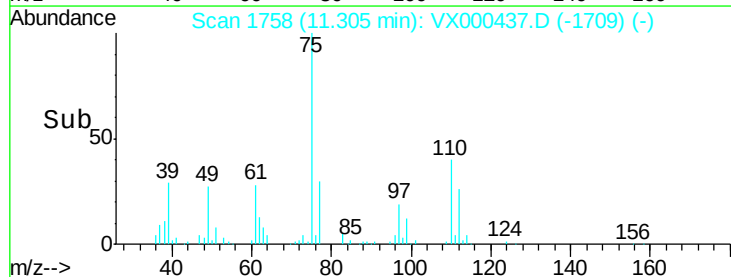
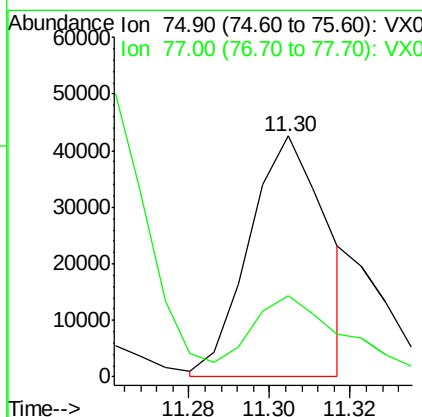
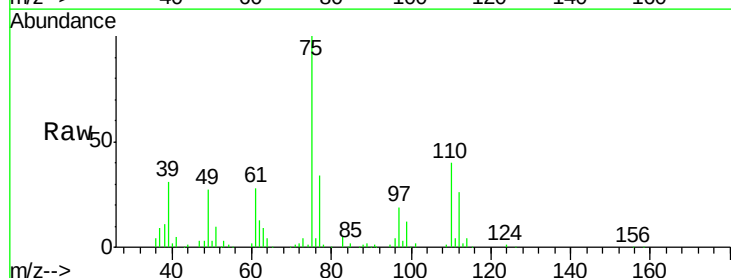
RT: 11.30 min Scan# 1758

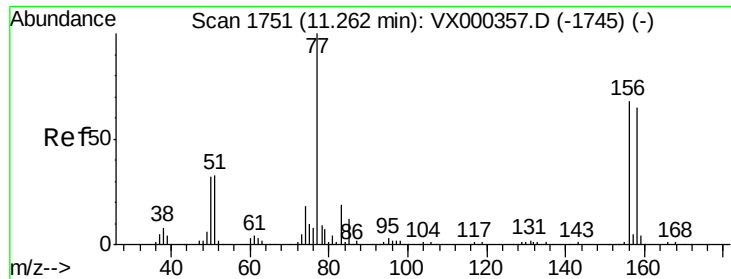
Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion:	75	Resp:	56387
Ion	Ratio	Lower	Upper
75	100		
77	41.3	21.4	64.2





#77

Bromobenzene

Concen: 20.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:156 Resp: 42026

Ion Ratio Lower Upper

156 100

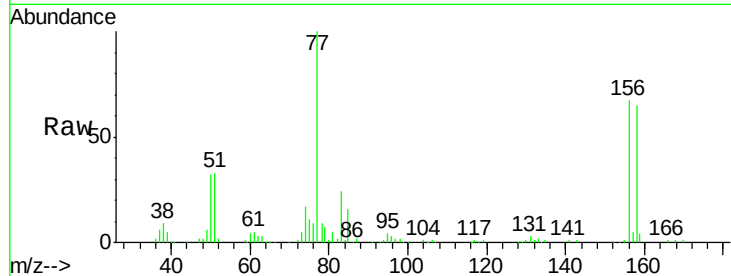
77 149.3 73.4 220.2

158 98.7 48.5 145.6

Manual Integrations
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sam

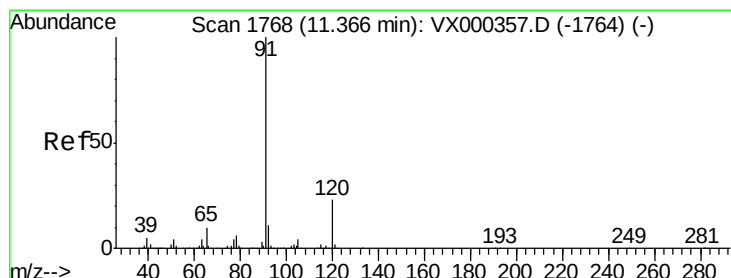
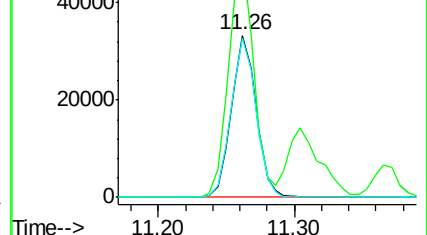
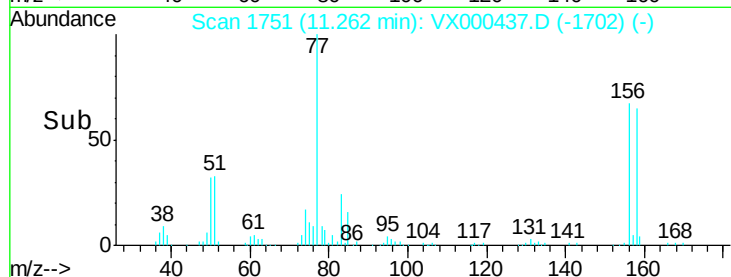
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.88 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000437.D

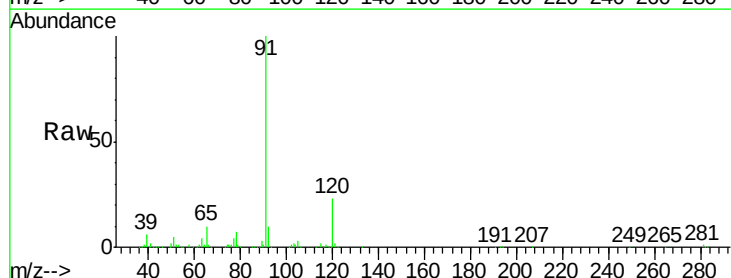
Acq: 26 Mar 2018 13:41

Tgt Ion: 91 Resp: 199967

Ion Ratio Lower Upper

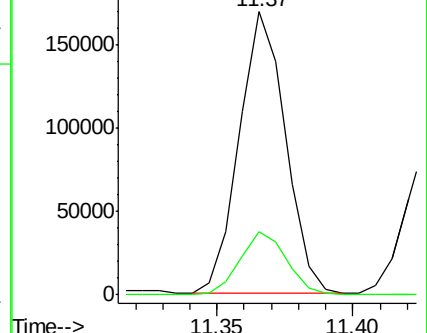
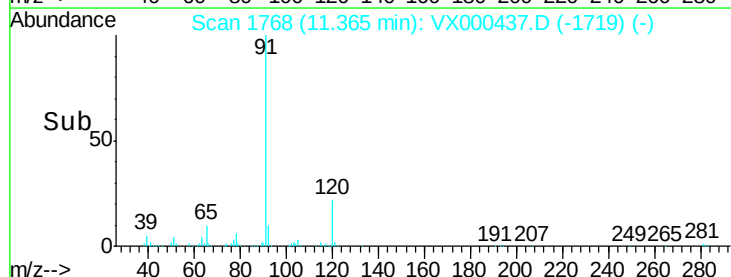
91 100

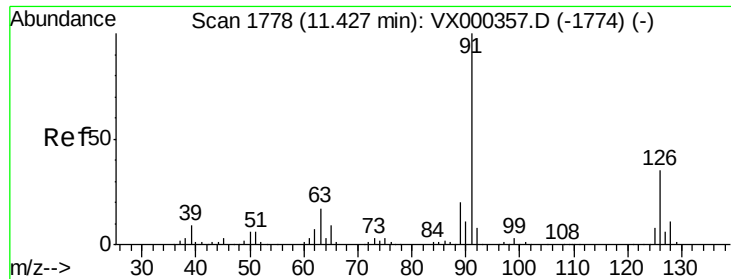
120 22.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.21 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

VX0326WBSD01

Tot Ion: 91 Resp: 111992

Ion Ratio Lower Upper

91 100

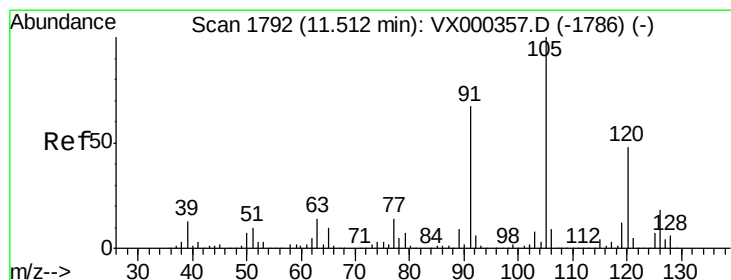
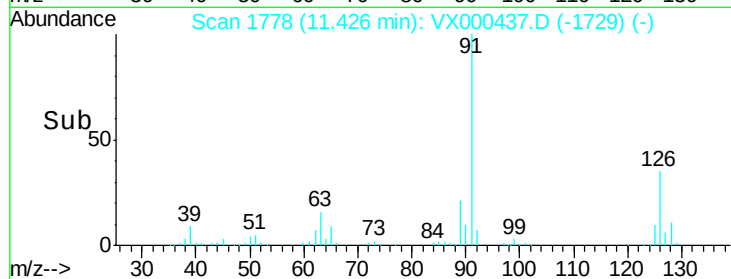
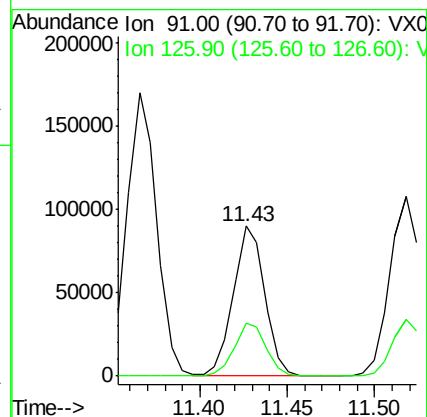
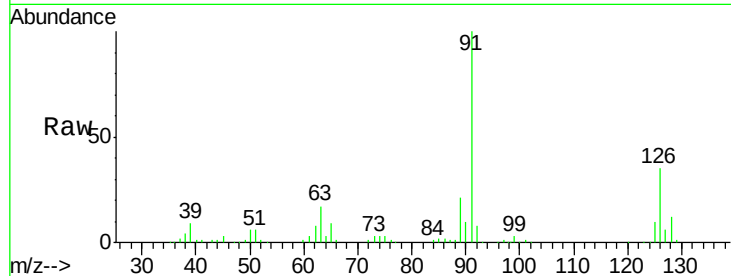
126 35.8 17.7 53.1

Manual Integrations

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sam

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#80

1,3,5-Trimethylbenzene

Concen: 22.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000437.D

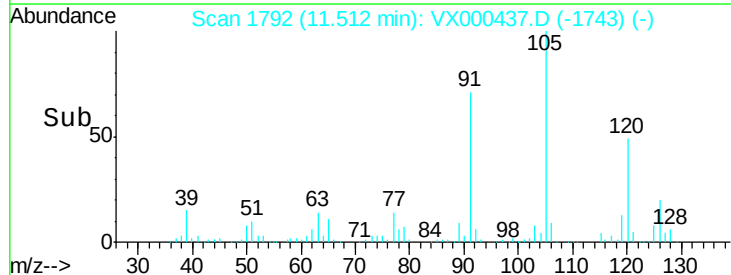
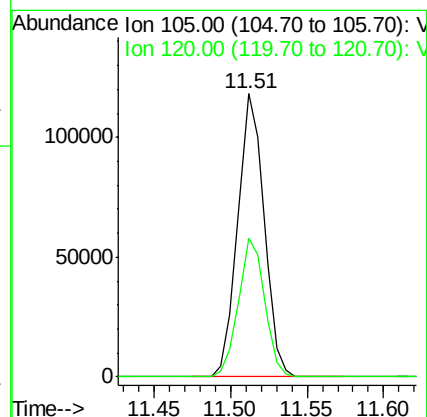
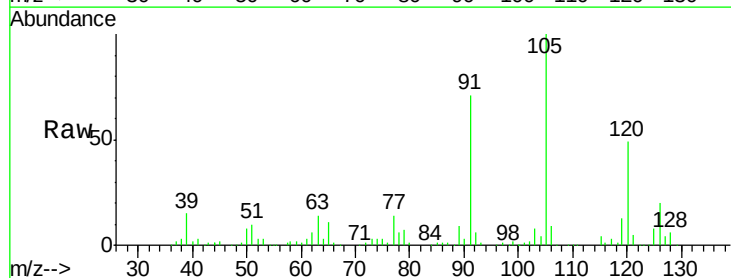
Acq: 26 Mar 2018 13:41

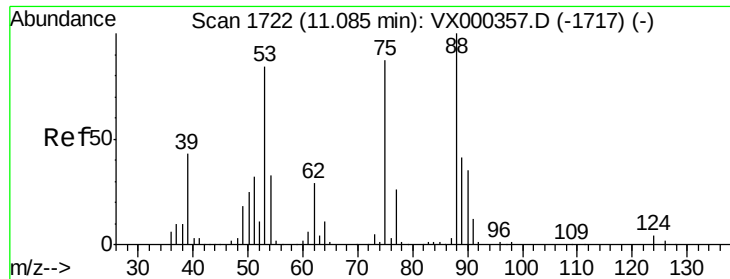
Tgt Ion: 105 Resp: 141761

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





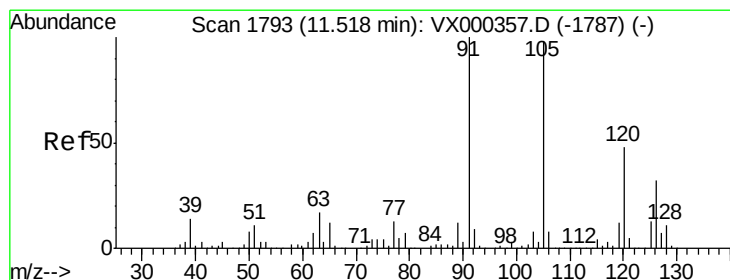
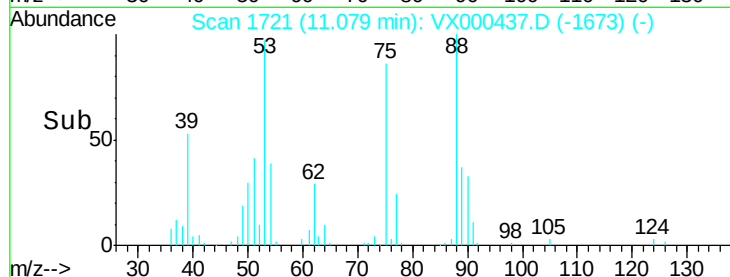
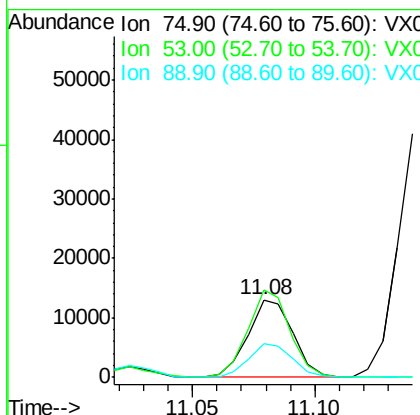
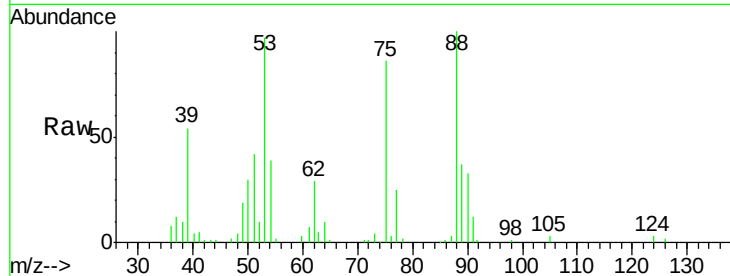
#81
trans-1,4-Dichloro-2-butene
Concen: 21.76 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

Tot Ion: 75 Resp: 16706
Ion Ratio Lower Upper
75 100
53 105.8 80.7 121.1
89 43.1 39.4 59.0

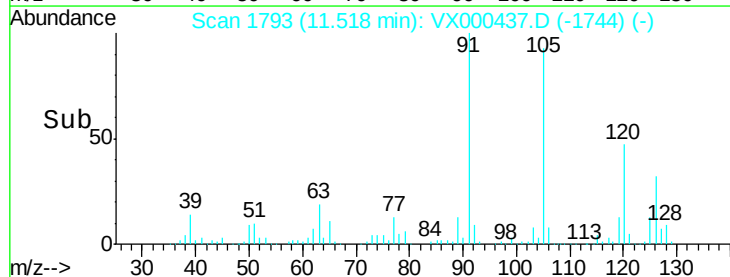
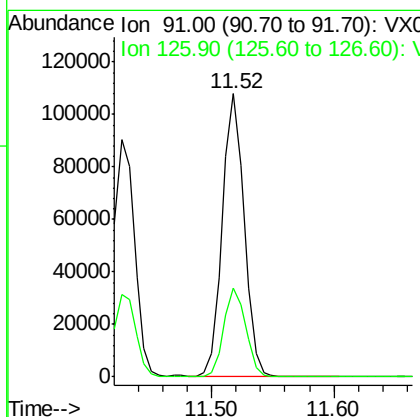
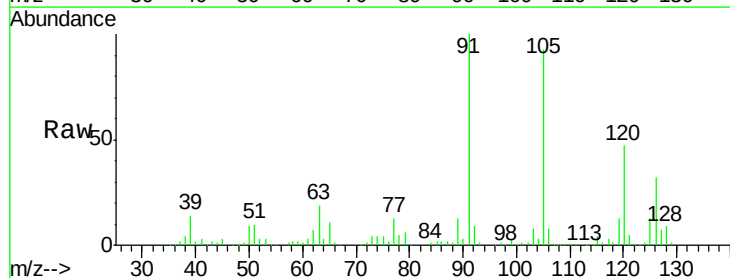
Manual Integrations
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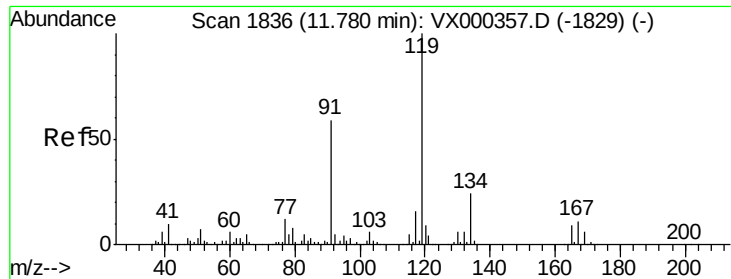
sam
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#82
4-Chlorotoluene
Concen: 21.37 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 91 Resp: 134704
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.1





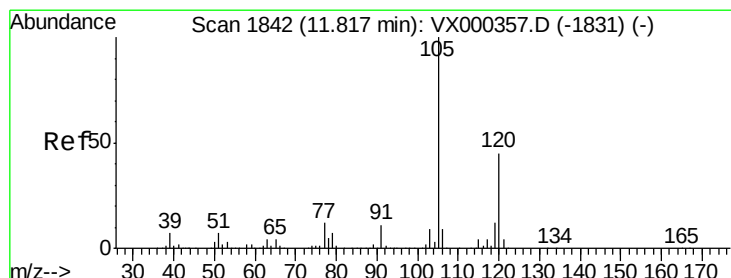
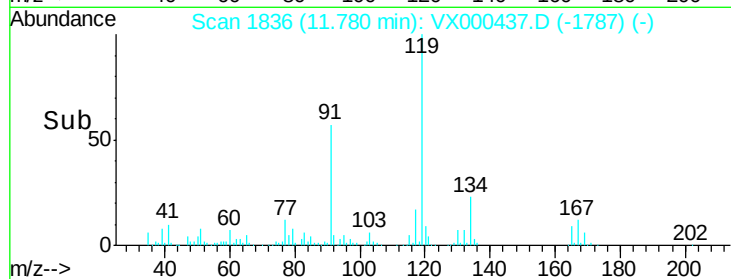
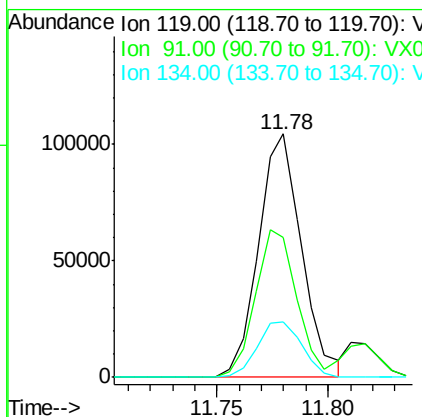
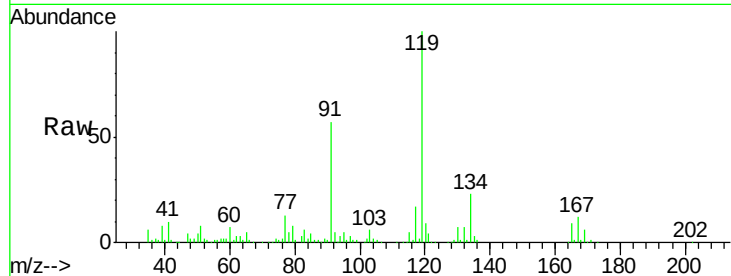
#83
 tert-Butylbenzene
 Concen: 21.57 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0326WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	140189		
91	58.3	28.8	86.4	
134	23.6	11.4	34.1	

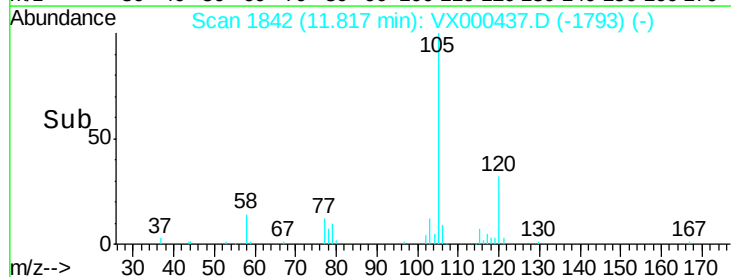
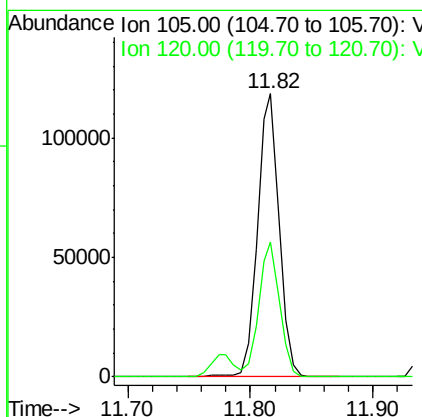
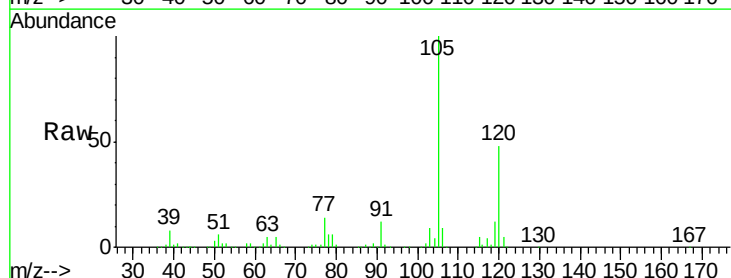
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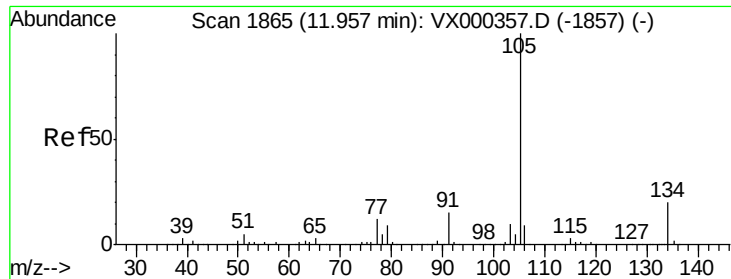
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.71 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146682		
120	45.8	22.4	67.3	





#85

sec-Butylbenzene

Concen: 21.77 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:105 Resp: 175072

Ion Ratio Lower Upper

105 100

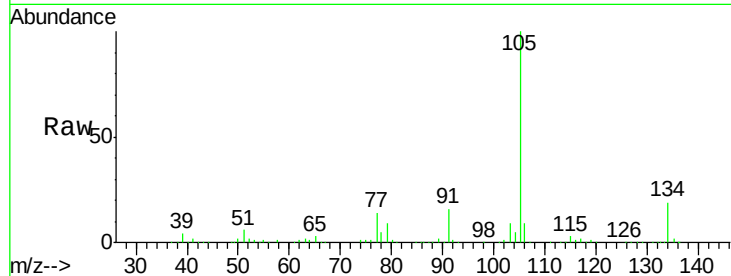
134 19.4 10.3 30.8

Manual Integrations

APPROVED

sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

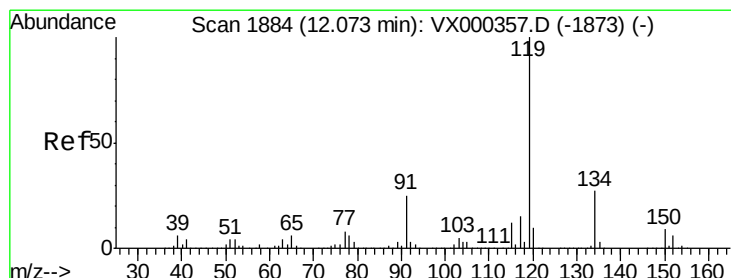
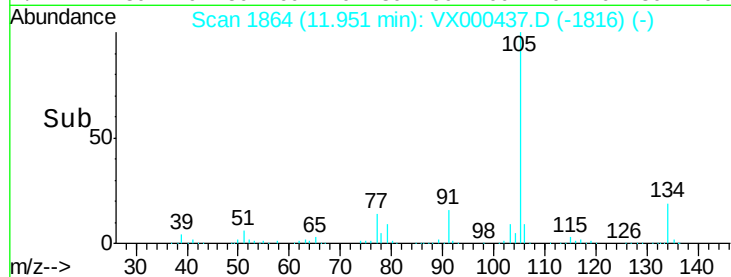
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.73 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

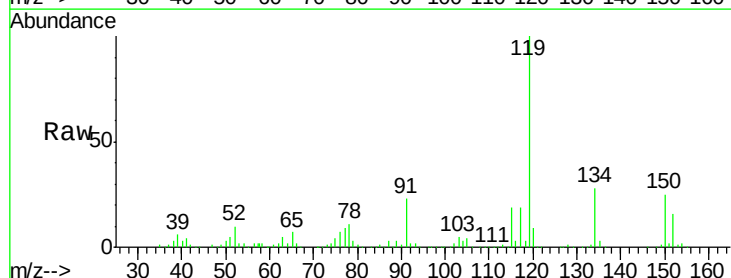
Tgt Ion:119 Resp: 155206

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 24.4 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

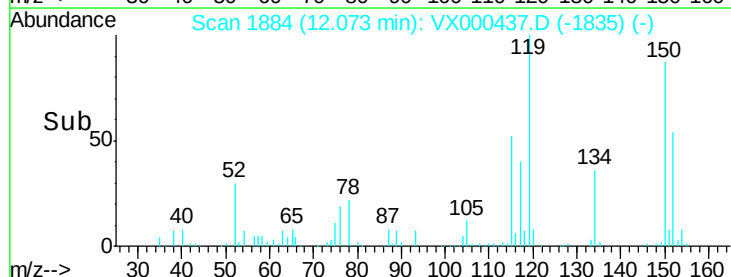
150000

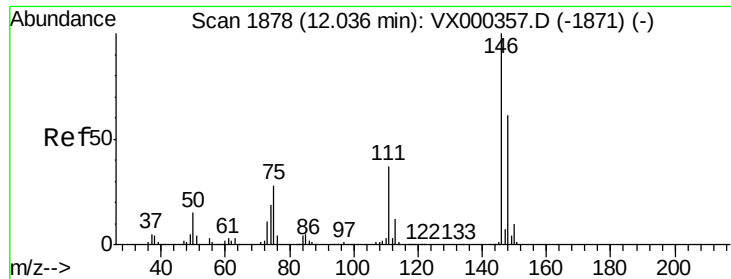
100000

50000

0

Time-->





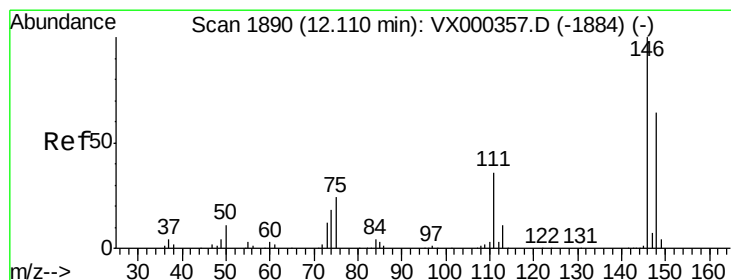
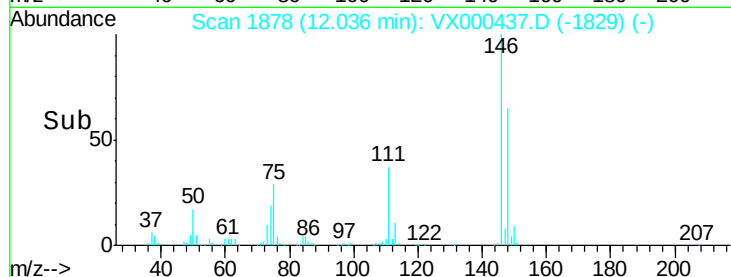
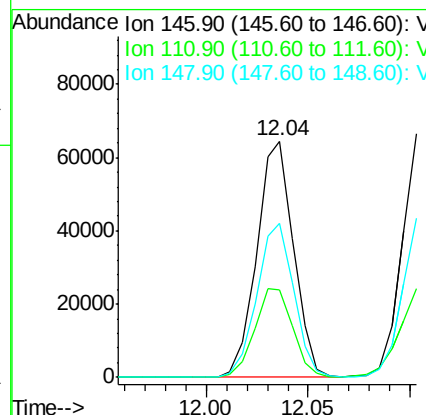
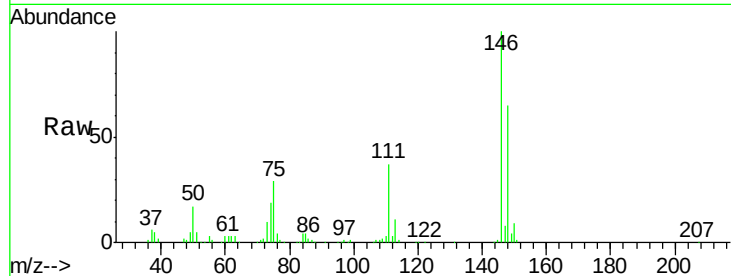
#87
 1,3-Dichlorobenzene
 Concen: 20.92 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	65.7	32.4	97.0

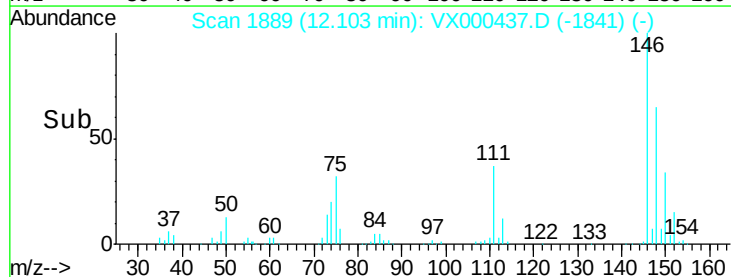
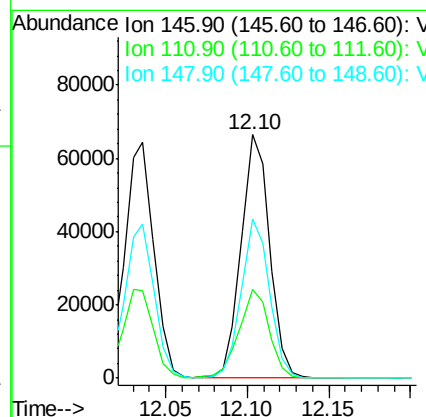
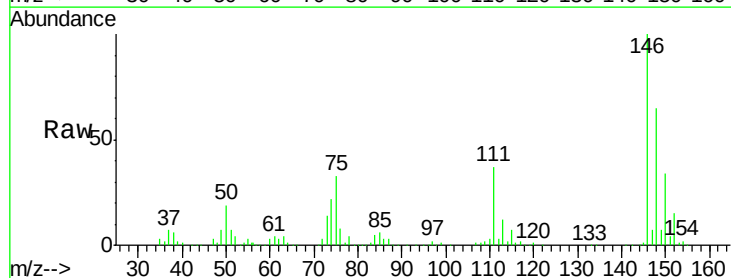
Manual Integrations
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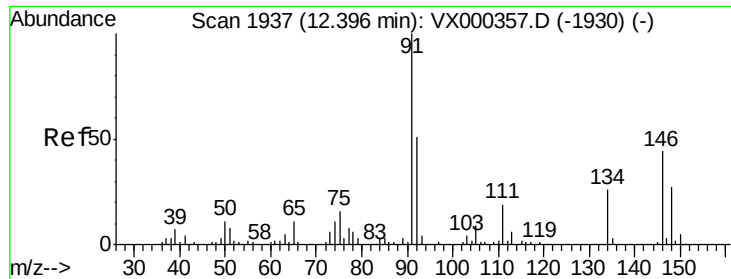
sam
 3/27/2018 5:23:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.99 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	65.0	31.0	93.0





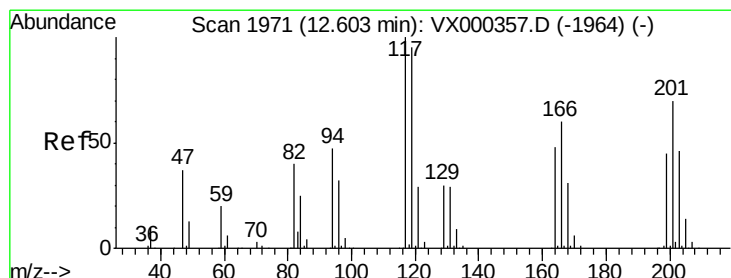
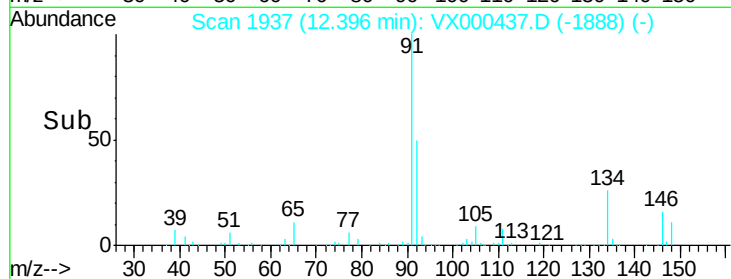
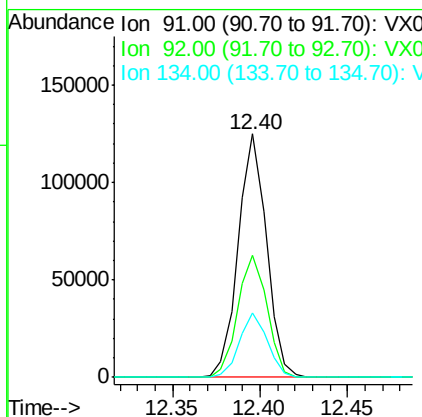
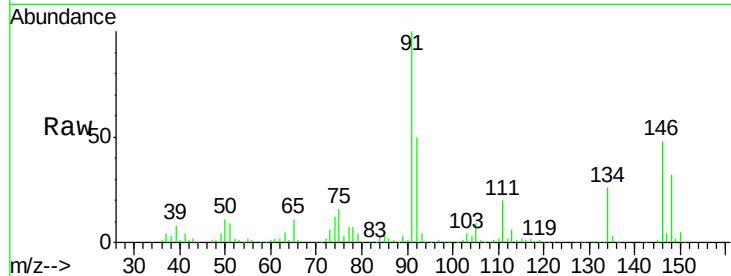
#89
n-Butylbenzene
Concen: 21.14 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	140594		
92	52.2		25.9	77.8
134	26.0		13.1	39.3

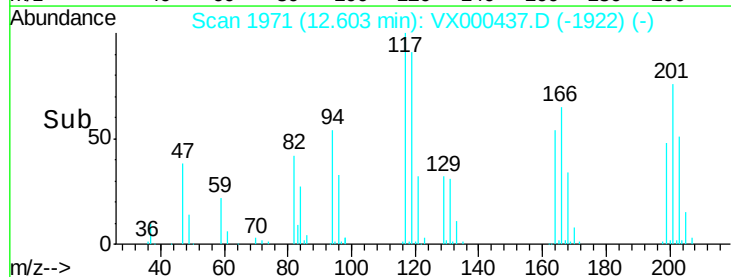
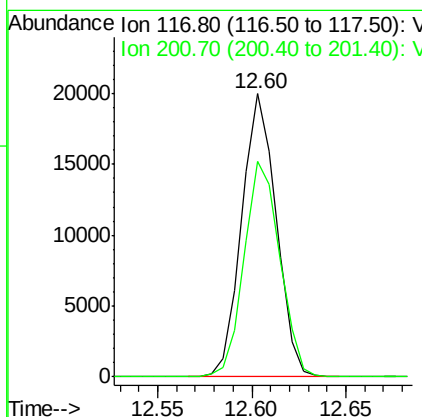
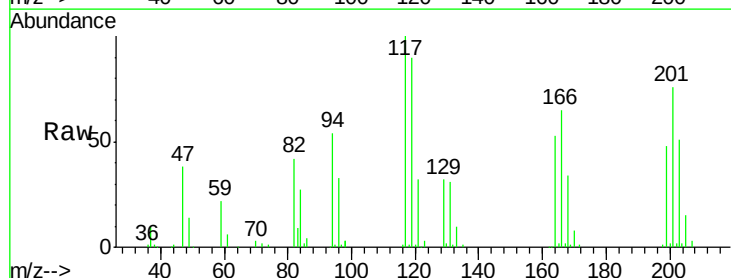
Manual Integrations
APPROVED

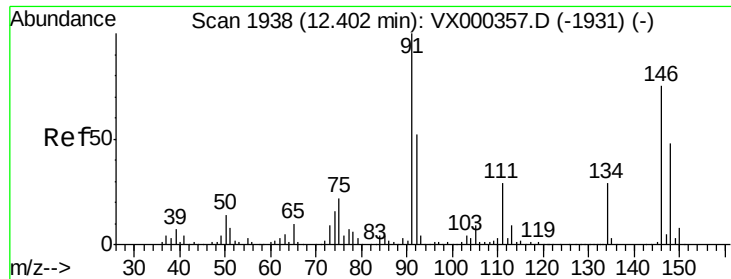
sam
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#90
Hexachloroethane
Concen: 22.61 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	25416		
201	78.7		37.9	113.6





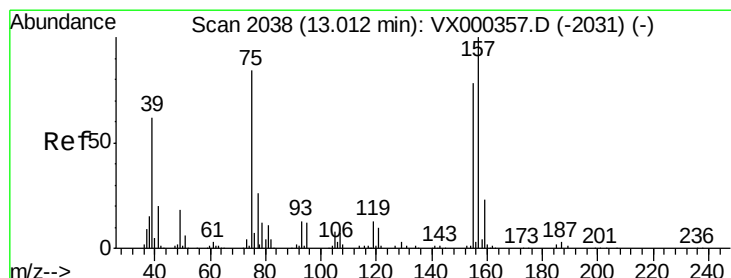
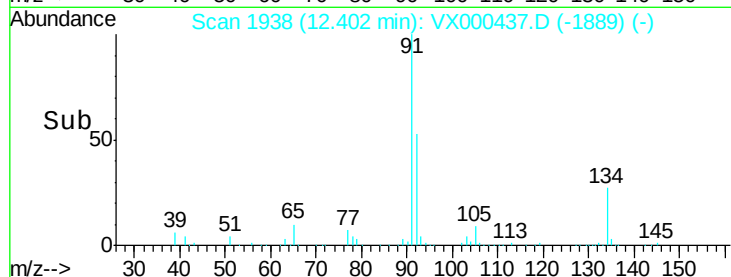
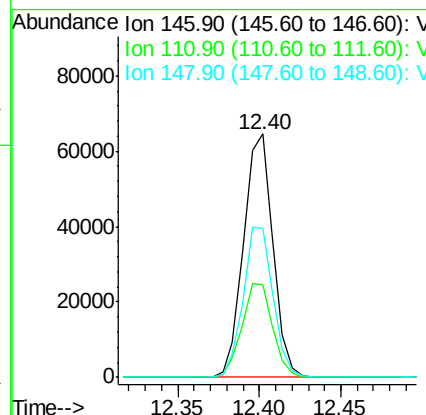
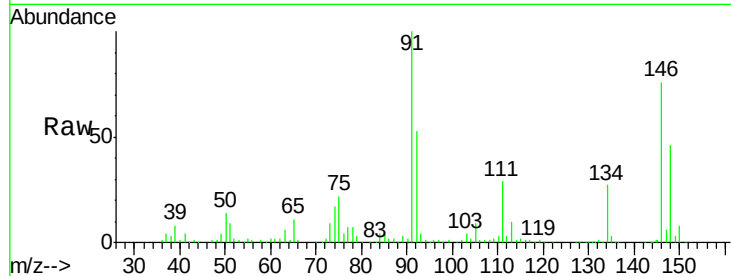
#91
1,2-Dichlorobenzene
Concen: 21.43 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	62.9	31.2	93.6

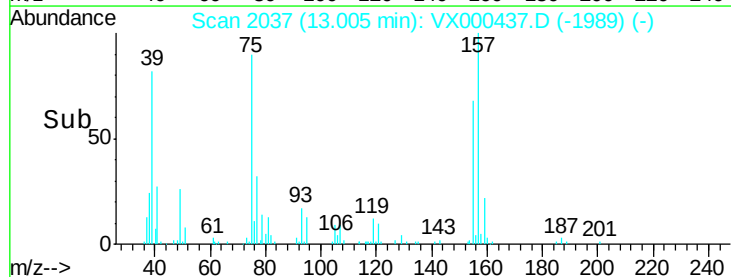
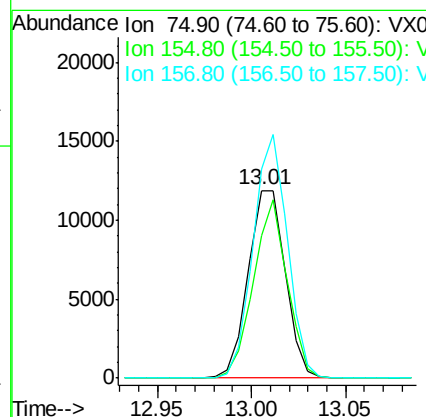
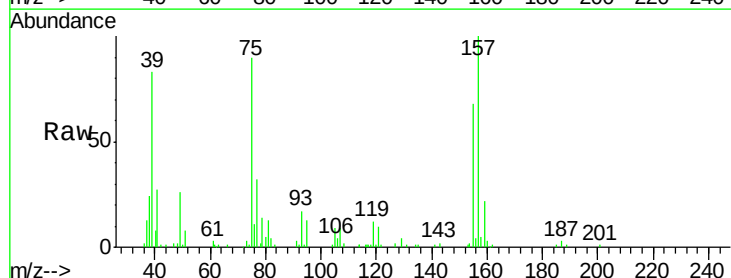
Manual Integrations
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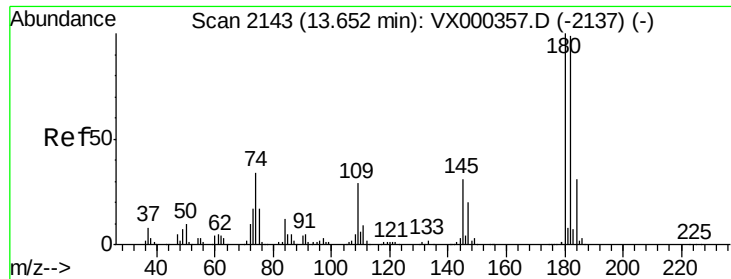
sam
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#92
1,2-Dibromo-3-Chloropropane
Concen: 21.50 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	45.0	134.8
157	119.4	58.1	174.2





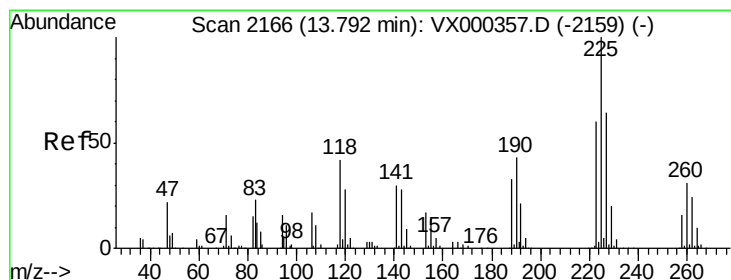
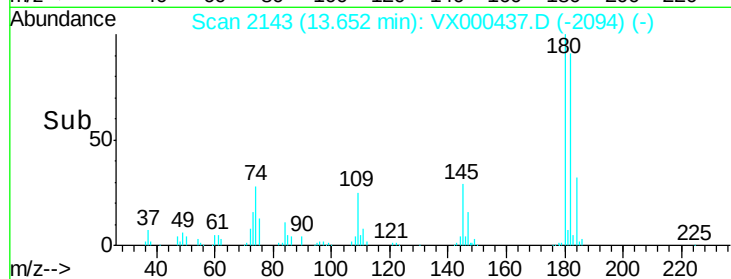
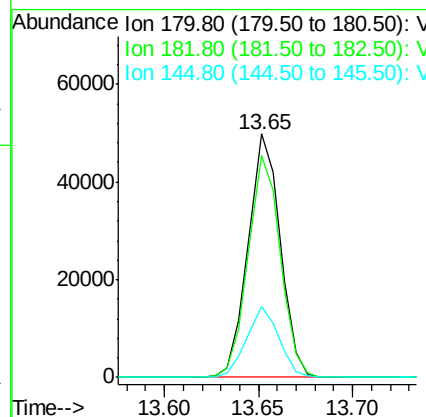
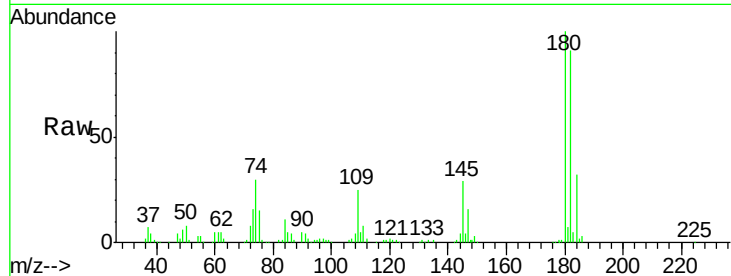
#93
 1,2,4-Trichlorobenzene
 Concen: 21.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.6	142.9
145	29.1	15.1	45.3

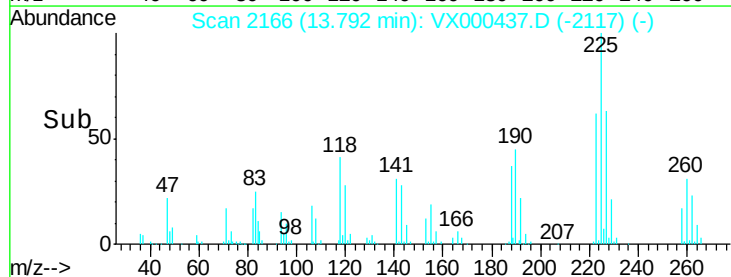
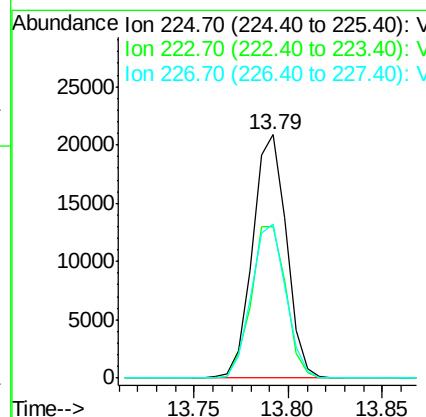
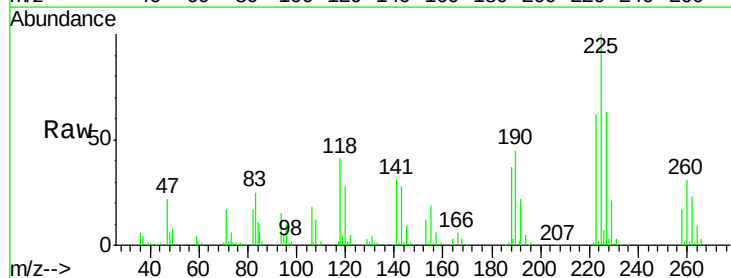
Manual Integrations
 APPROVED

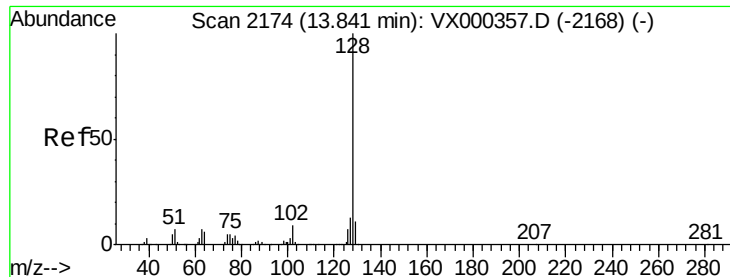
sam
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#94
 Hexachlorobutadiene
 Concen: 23.14 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.0	96.0
227	64.2	32.6	98.0





#95

Naphthalene

Concen: 22.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

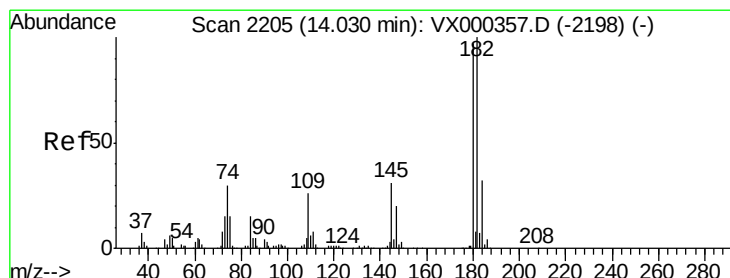
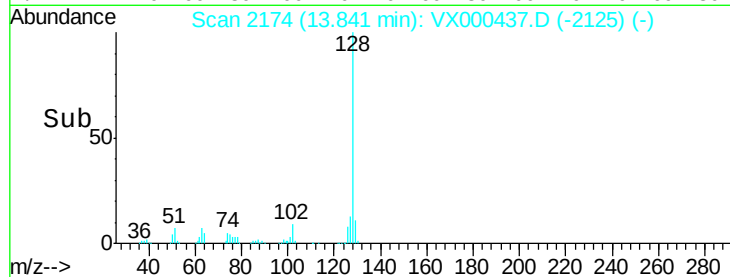
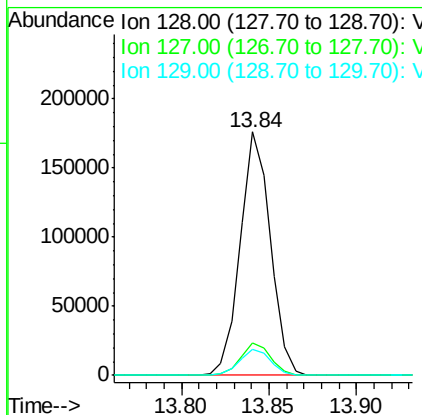
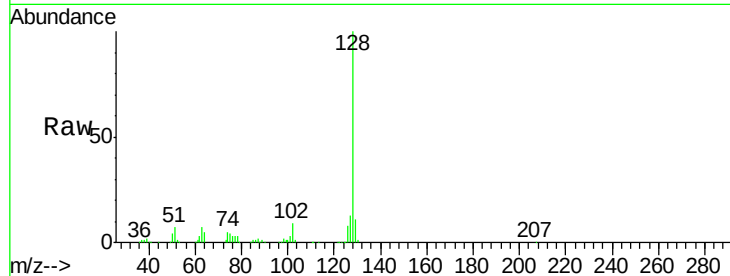
ClientSampleId :

VX0326WBSD01

Tot Ion:	128	Resp:	210952
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

sam
3/27/2018 5:23:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.45 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion:	180	Resp:	57517
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.4	142.3
145	32.0	15.8	47.3

