

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000355.D
 Acq On : 20 Mar 2018 10:42
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:02 AM

Quant Time: Mar 20 12:14:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97957	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	8096	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	
35) Dibromofluoromethane	5.51	113	6152	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	
50) Toluene-d8	8.73	98	24416	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	
62) 4-Bromofluorobenzene	11.15	95	8491	4.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	6862	5.37	ug/l	91
3) Chloromethane	1.32	50	7634	5.86	ug/l	92
4) Vinyl Chloride	1.41	62	7834	5.37	ug/l	90
5) Bromomethane	1.64	94	13728	8.43	ug/l	89
6) Chloroethane	1.73	64	5080	4.90	ug/l	97
7) Trichlorofluoromethane	1.93	101	13902	5.48	ug/l	95
8) Diethyl Ether	2.20	74	5071	5.62	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7895	5.78	ug/l	92
10) Methyl Iodide	2.51	142	4503	3.27	ug/l	95
11) Tert butyl alcohol	3.07	59	13746	25.88	ug/l	96
12) 1,1-Dichloroethene	2.38	96	6622	5.11	ug/l	95
13) Acrolein	2.30	56	5464	23.91	ug/l	93
14) Allyl chloride	2.73	41	12960	5.61	ug/l	95
15) Acrylonitrile	3.15	53	26644	26.02	ug/l	99
16) Acetone	2.45	43	32742	29.87	ug/l	97
17) Carbon Disulfide	2.57	76	18527	4.90	ug/l	99
18) Methyl Acetate	2.78	43	13304	5.42	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	24613	5.40	ug/l	98
20) Methylene Chloride	2.87	84	7873	5.55	ug/l	# 93
21) trans-1,2-Dichloroethene	3.17	96	7770	5.43	ug/l	90
22) Diisopropyl ether	3.88	45	23591	6.14	ug/l	92
23) Vinyl Acetate	3.83	43	105728	28.85	ug/l	97
24) 1,1-Dichloroethane	3.70	63	13875	5.74	ug/l	98
25) 2-Butanone	4.71	43	37287	28.46	ug/l	99
26) 2,2-Dichloropropane	4.59	77	9425	5.40	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	6838	5.23	ug/l	97
28) Bromochloromethane	5.04	49	5416	5.33	ug/l	# 50
29) Tetrahydrofuran	5.18	42	21889	25.96	ug/l	98
30) Chloroform	5.23	83	11699	5.12	ug/l	94
31) Cyclohexane	5.59	56	9883	5.33	ug/l	90
32) 1,1,1-Trichloroethane	5.51	97	10306	5.11	ug/l	96
36) 1,1-Dichloropropene	5.81	75	9590	5.49	ug/l	98
37) Ethyl Acetate	4.87	43	12417	5.35	ug/l	96
38) Carbon Tetrachloride	5.79	117	8603	4.89	ug/l	96

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Instrument :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	11216	5.51	ug/l	94
40) Benzene	6.15	78	26090	5.27	ug/l	97
41) Methacrylonitrile	5.07	41	6522	5.36	ug/l	98
42) 1,2-Dichloroethane	6.21	62	10096	5.14	ug/l	94
43) Isopropyl Acetate	6.48	43	17339	5.18	ug/l	99
44) Trichloroethene	7.22	130	7823	5.45	ug/l	100
45) 1,2-Dichloropropane	7.52	63	7170	5.87	ug/l	96
46) Dibromomethane	7.67	93	5440	5.55	ug/l	95
47) Bromodichloromethane	7.90	83	8652	4.97	ug/l	94
48) Methyl methacrylate	7.79	41	8580	5.07	ug/l	99
49) 1,4-Dioxane	7.77	88	3640	95.58	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	68095	26.19	ug/l	98
52) Toluene	8.79	92	17269	4.96	ug/l	93
53) t-1,3-Dichloropropene	8.45	75	9537	4.75	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	8708	4.43	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	7356	5.27	ug/l	94
56) Ethyl methacrylate	9.19	69	9711	4.70	ug/l	93
57) 1,3-Dichloropropane	9.38	76	12340	5.46	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.32	63	26961	28.37	ug/l	98
59) 2-Hexanone	9.51	43	57614	26.30	ug/l	94
60) Dibromochloromethane	9.59	129	6707	4.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	7744	5.01	ug/l	96
64) Tetrachloroethene	9.34	164	7699	5.82	ug/l	95
65) Chlorobenzene	10.15	112	20008	5.30	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	6689	5.27	ug/l	99
67) Ethyl Benzene	10.26	91	35243	5.48	ug/l	100
68) m/p-Xylenes	10.37	106	27034	10.79	ug/l	97
69) o-Xylene	10.71	106	12846	5.28	ug/l	100
70) Styrene	10.72	104	19392	4.80	ug/l	96
71) Bromoform	10.87	173	5031	4.53	ug/l #	94
73) Isopropylbenzene	11.02	105	34027	5.77	ug/l	97
74) N-amyl acetate	6.48	43	17339	6.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	12078	5.75	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	11014m	5.59	ug/l	
77) Bromobenzene	11.26	156	9213	5.95	ug/l	97
78) n-propylbenzene	11.37	91	40336	5.67	ug/l	98
79) 2-Chlorotoluene	11.43	91	24058	5.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	27801	5.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	2856	4.93	ug/l	87
82) 4-Chlorotoluene	11.52	91	27501	5.54	ug/l	99
83) tert-Butylbenzene	11.78	119	28793	5.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	28413	5.50	ug/l	98
85) sec-Butylbenzene	11.96	105	34788	5.67	ug/l	98
86) p-Isopropyltoluene	12.07	119	30730	5.63	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	15837	5.21	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	17090	5.41	ug/l	90
89) n-Butylbenzene	12.40	91	27141	5.11	ug/l	98
90) Hexachloroethane	12.60	117	4348	4.96	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	16280	5.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3159	5.56	ug/l	89

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MSVOA_X
ClientSampleId :
VSTDICC005

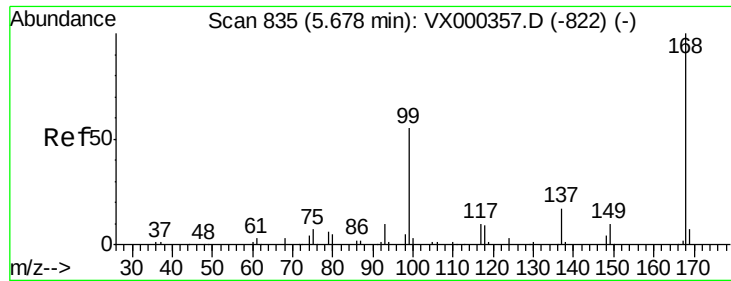
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	11573	5.46	ug/l	94
94) Hexachlorobutadiene	13.79	225	4884	5.84	ug/l	97
95) Naphthalene	13.84	128	38985	5.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	11748	5.48	ug/l	99

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



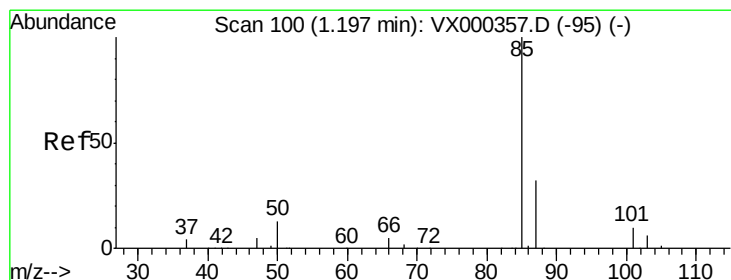
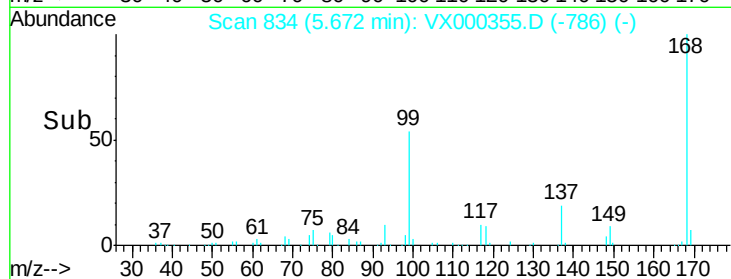
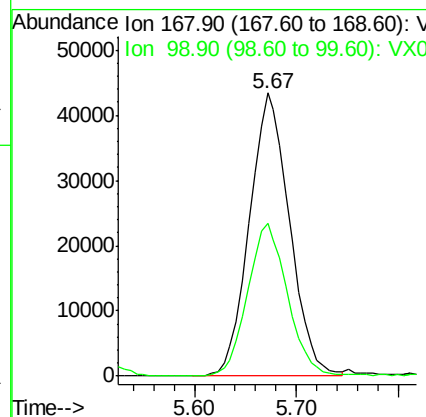
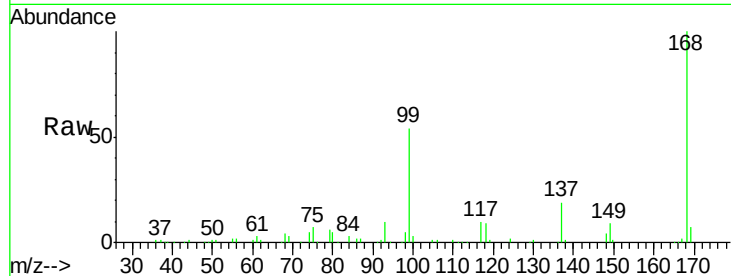
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100				
99	53.8	45.8	68.6		

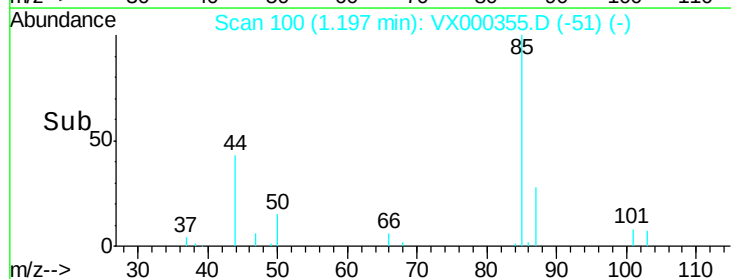
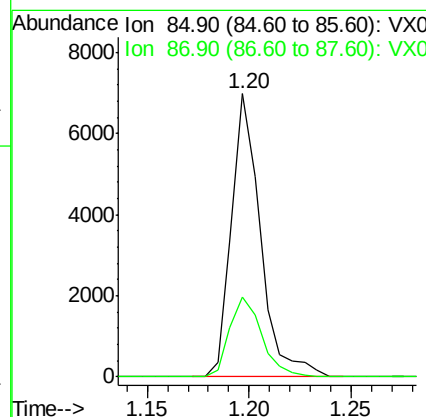
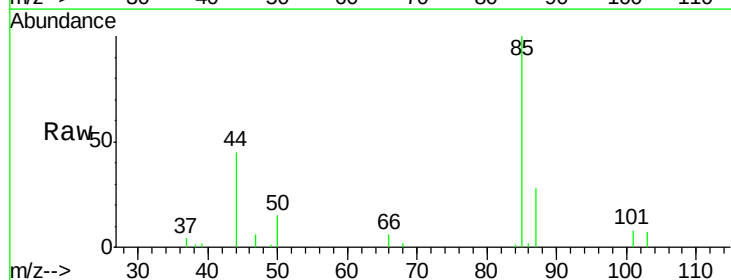
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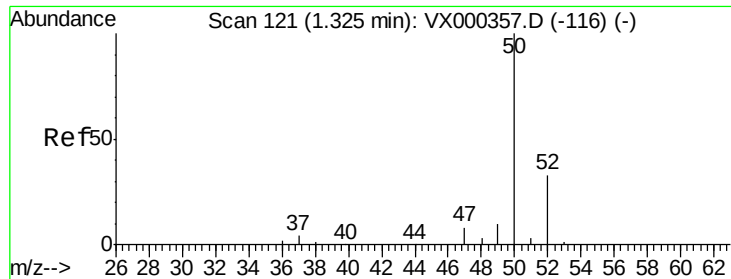
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#2
Dichlorodifluoromethane
Concen: 5.37 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100				
87	28.3	16.8	50.3		





#3

Chloromethane

Concen: 5.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 7634

Ion Ratio Lower Upper

50 100

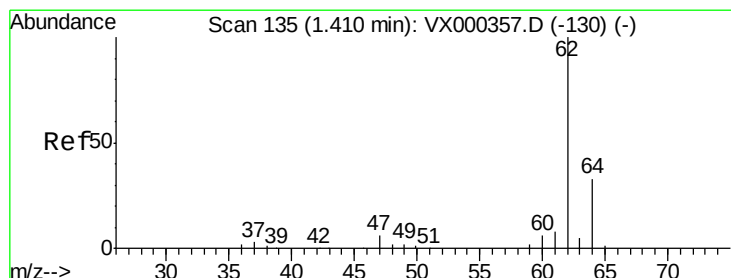
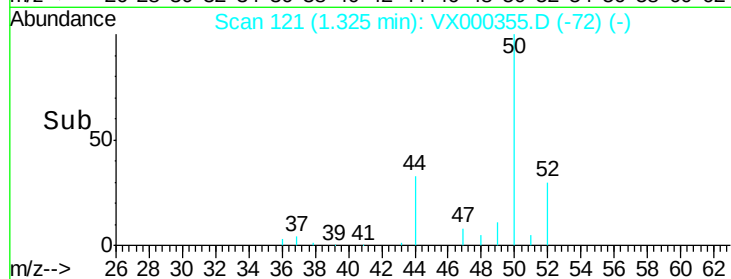
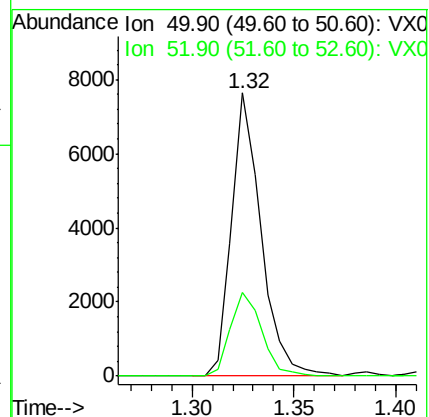
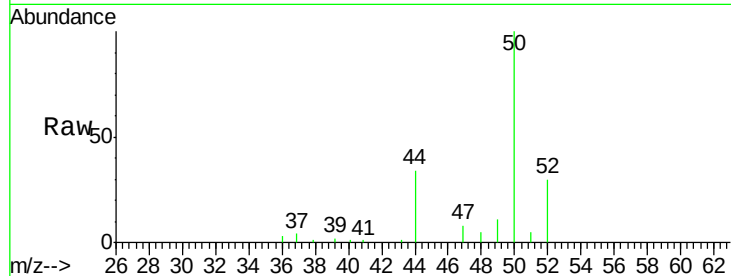
52 29.7 27.5 41.3

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#4

Vinyl Chloride

Concen: 5.37 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000355.D

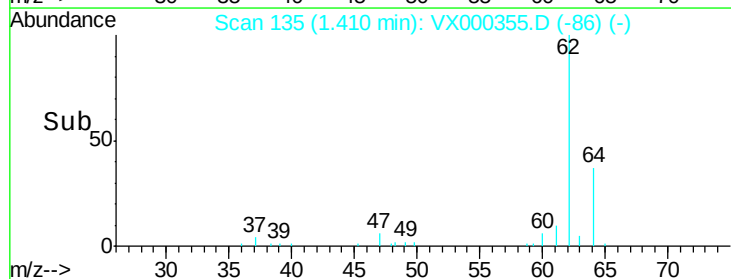
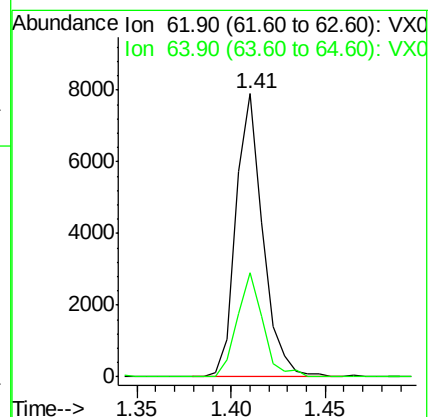
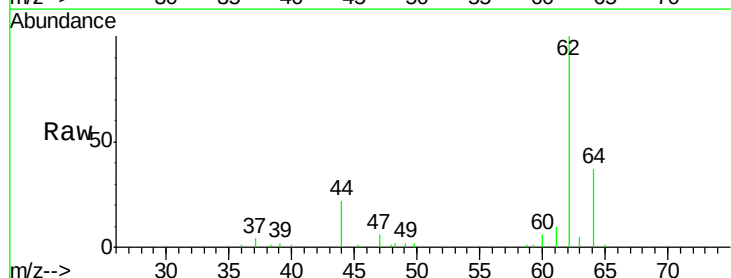
Acq: 20 Mar 2018 10:42

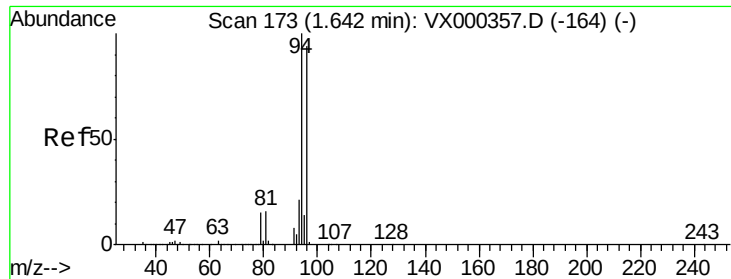
Tgt Ion: 62 Resp: 7834

Ion Ratio Lower Upper

62 100

64 36.6 24.8 37.2





#5

Bromomethane

Concen: 8.43 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 13728

Ion Ratio Lower Upper

94 100

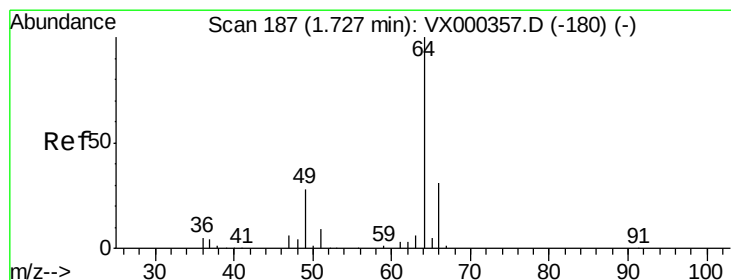
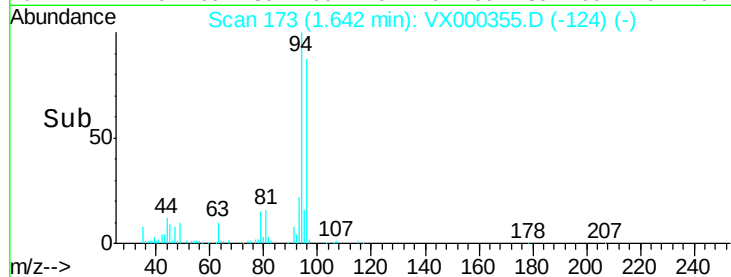
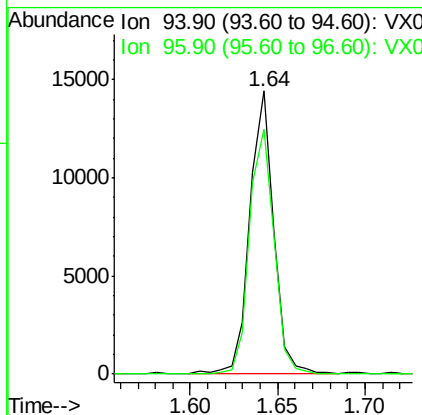
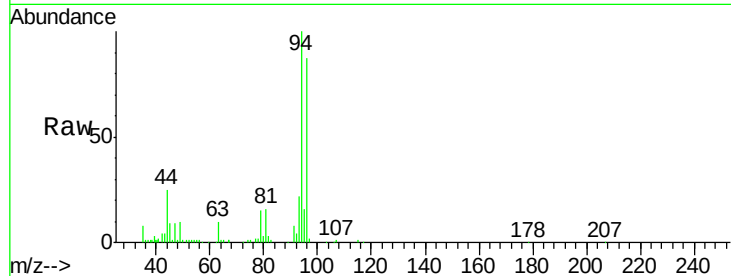
96 86.7 77.7 116.5

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#6

Chloroethane

Concen: 4.90 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000355.D

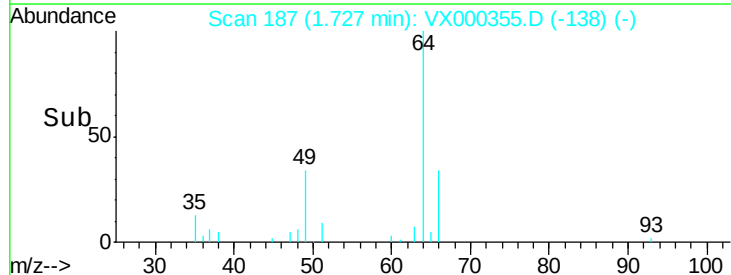
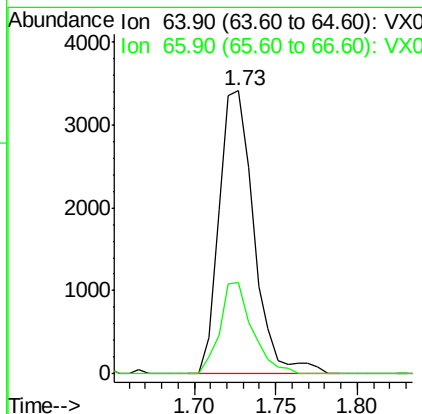
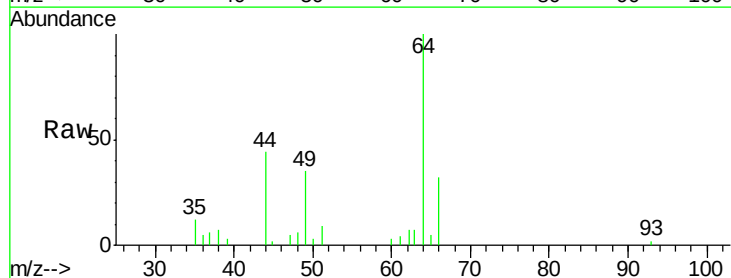
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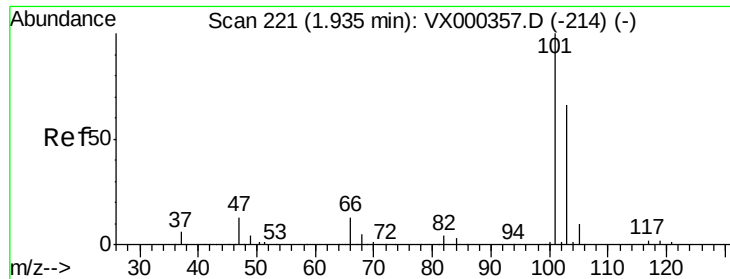
Tgt Ion: 64 Resp: 5080

Ion Ratio Lower Upper

64 100

66 32.4 24.8 37.2





#7

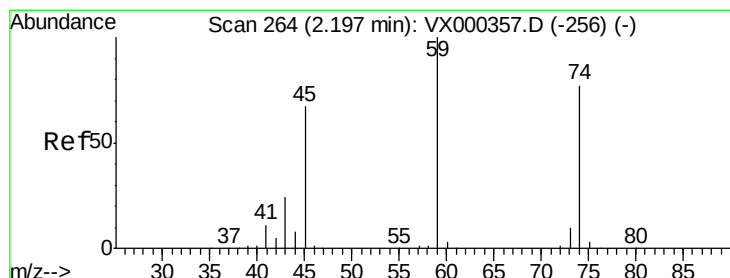
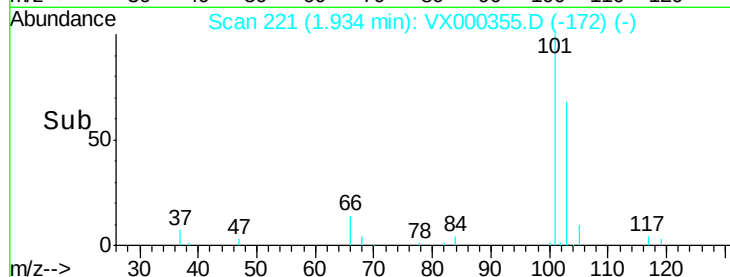
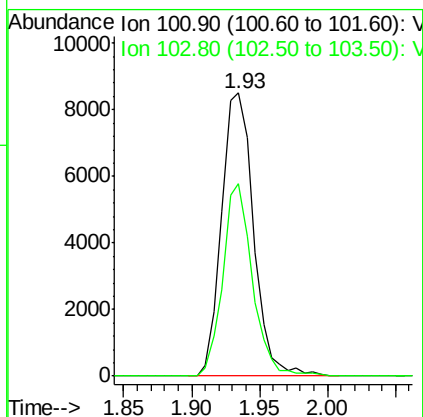
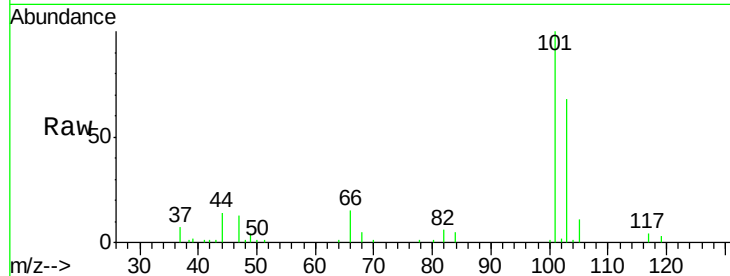
Trichlorofluoromethane
Concen: 5.48 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:101 Resp: 13902
Ion Ratio Lower Upper
101 100
103 68.0 51.6 77.4

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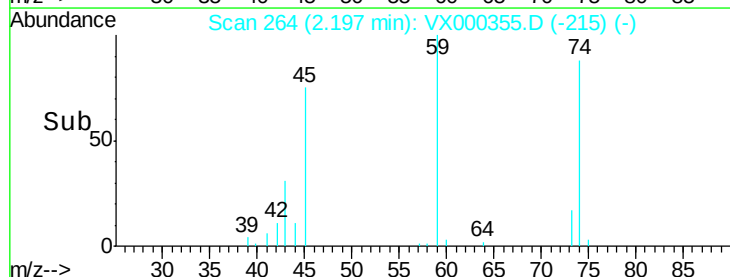
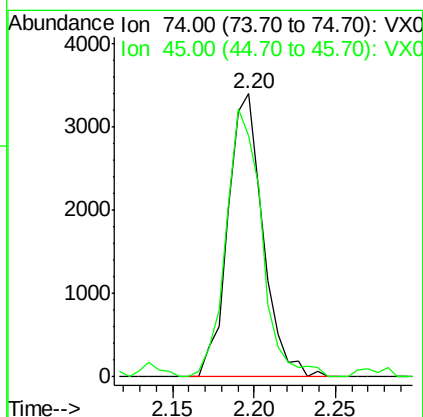
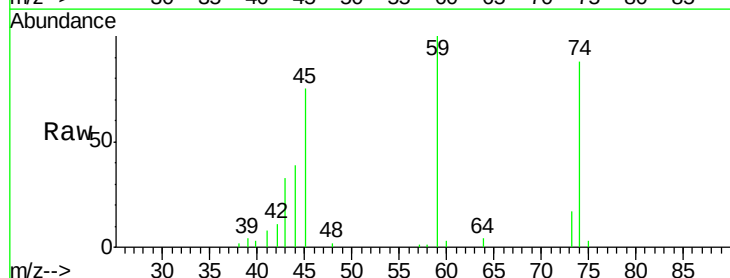
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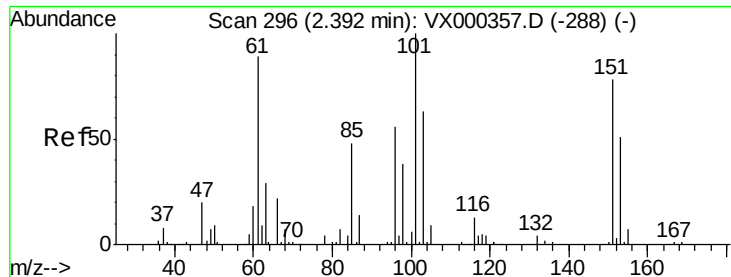


#8

Diethyl Ether
Concen: 5.62 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 74 Resp: 5071
Ion Ratio Lower Upper
74 100
45 96.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.78 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

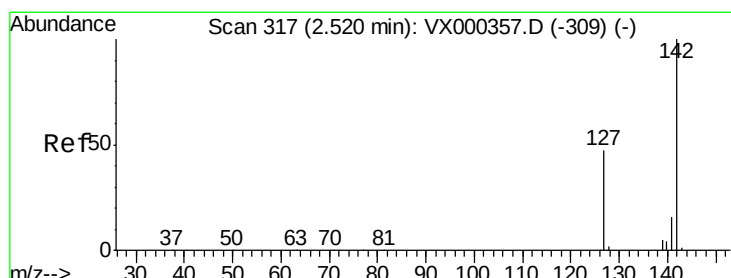
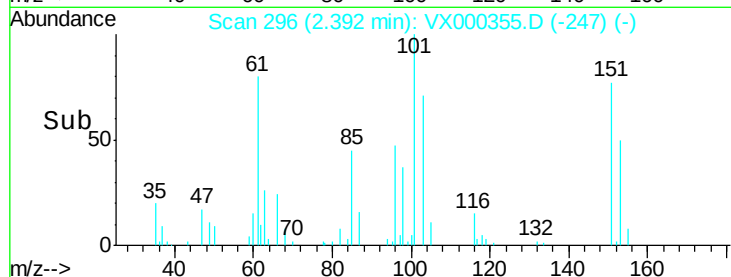
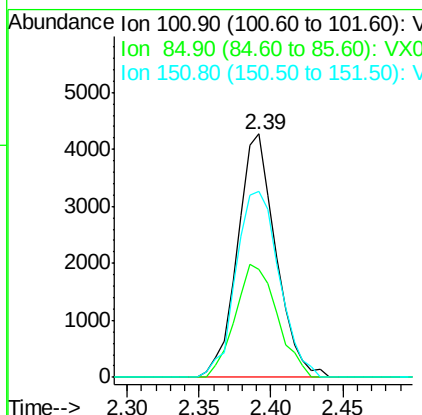
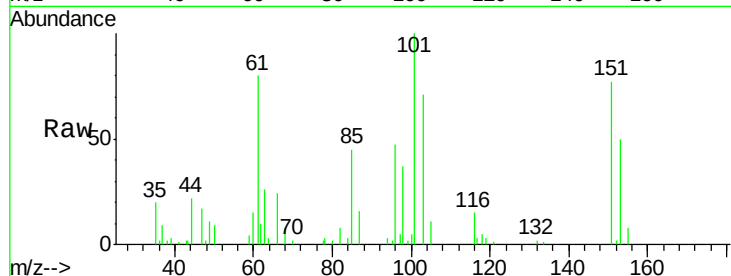
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	7895
Ion	Ratio	Lower	Upper
101	100		
85	50.7	37.6	56.4
151	86.5	62.6	93.8

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#10

Methyl Iodide

Concen: 3.27 ug/l

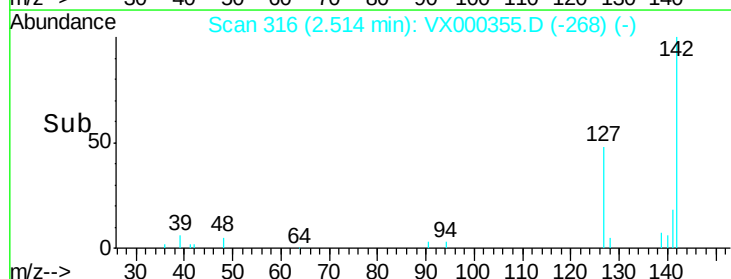
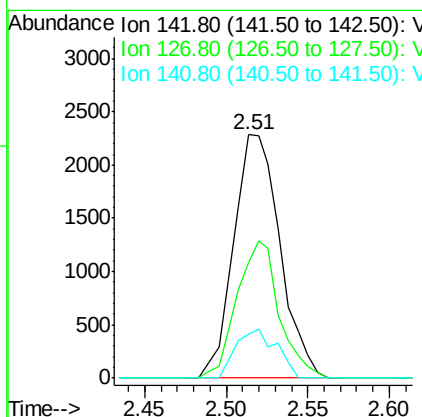
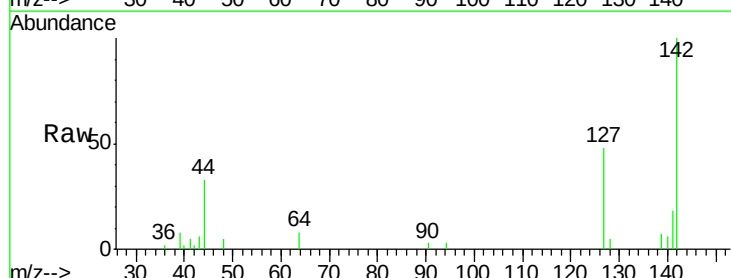
RT: 2.51 min Scan# 316

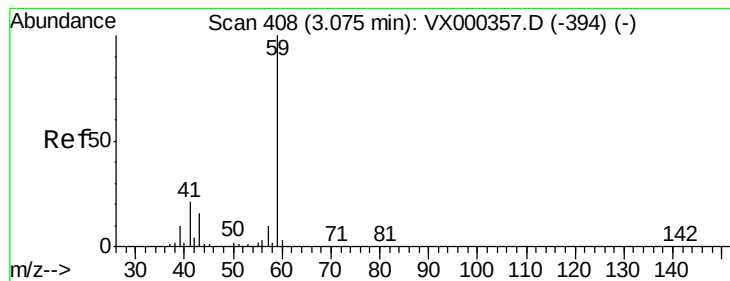
Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion:	142	Resp:	4503
Ion	Ratio	Lower	Upper
142	100		
127	51.7	39.2	58.8
141	17.3	11.7	17.5





#11

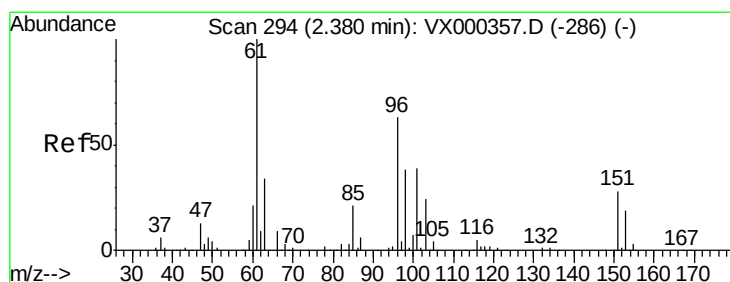
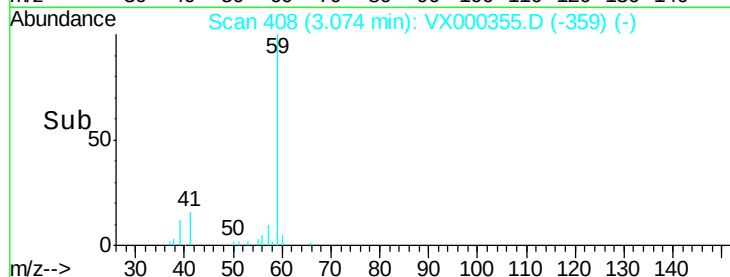
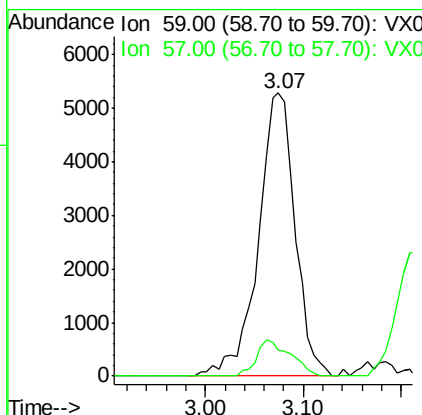
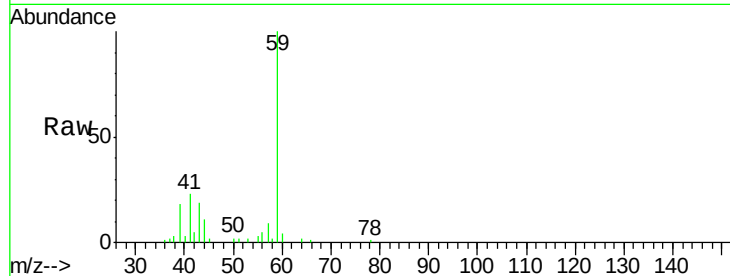
Tert butyl alcohol
Concen: 25.88 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.0	8.4	12.6

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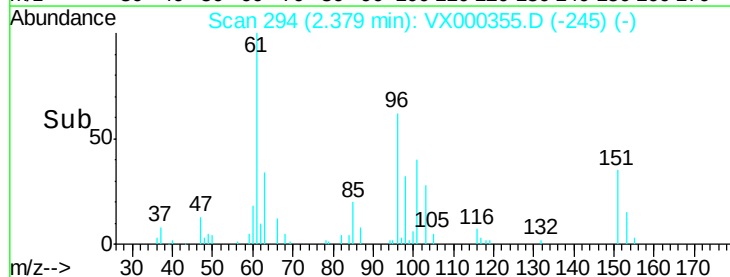
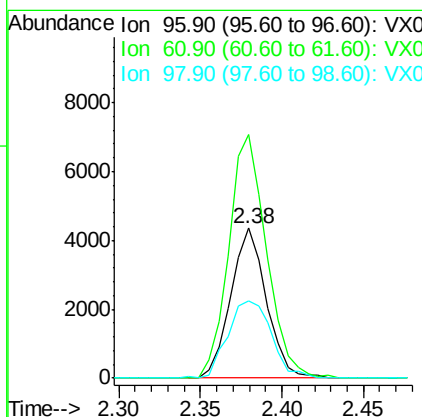
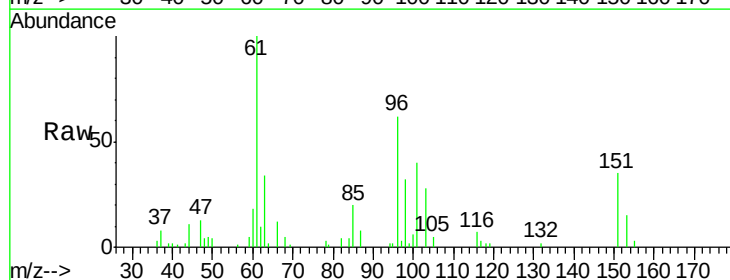
sam
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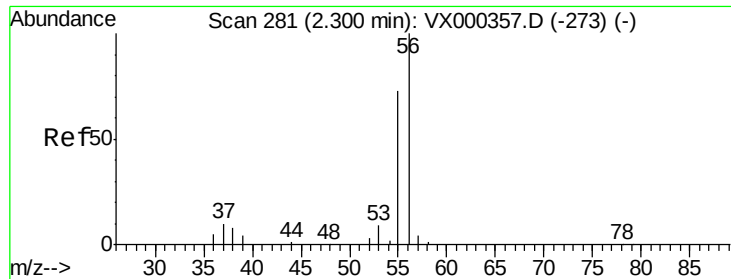


#12

1,1-Dichloroethene
Concen: 5.11 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	131.2	196.8
98	51.8	49.8	74.8





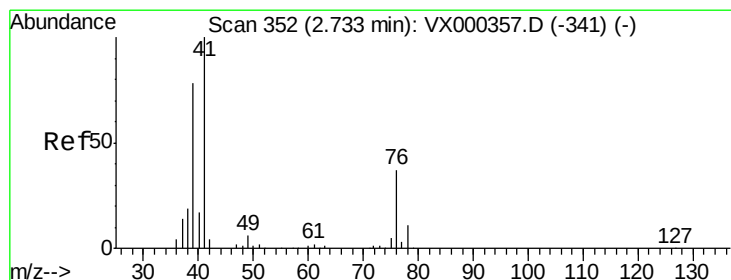
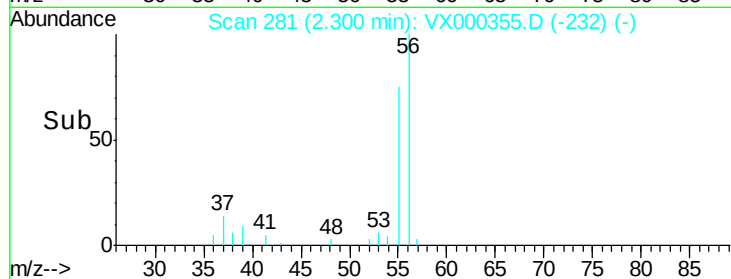
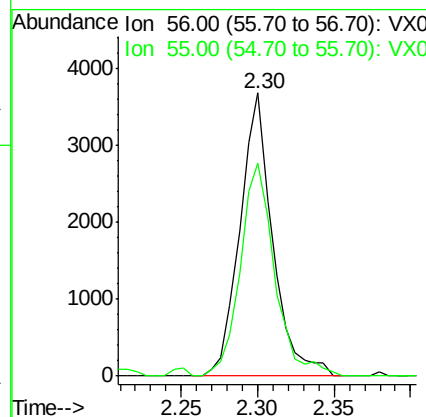
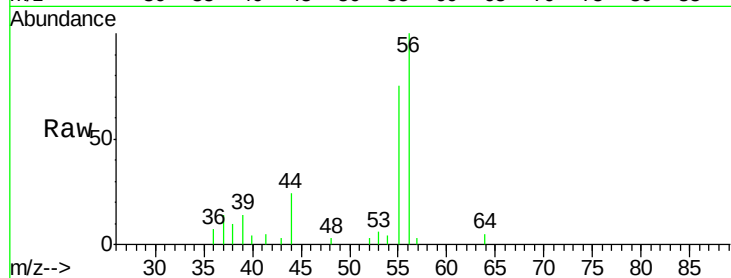
#13
 Acrolein
 Concen: 23.91 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	56	Resp	5464
Ion Ratio	100	Lower	Upper
55	79.0	58.8	88.2

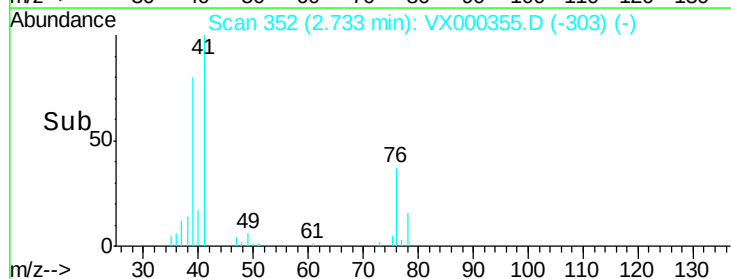
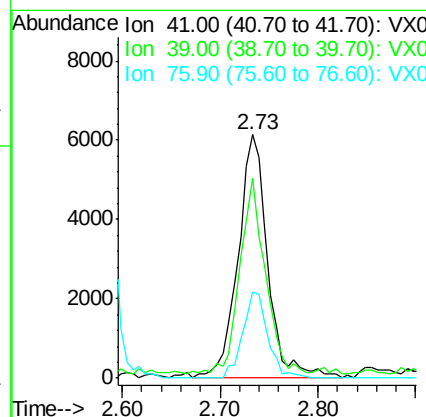
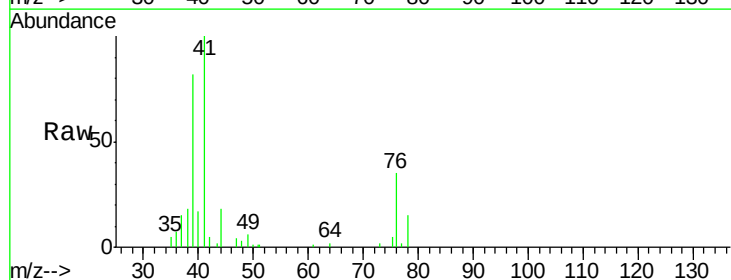
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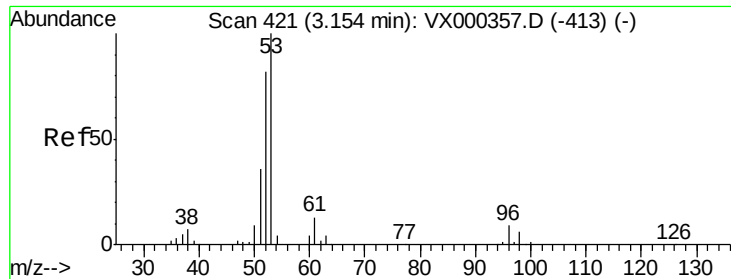
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#14
 Allyl chloride
 Concen: 5.61 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion	41	Resp	12960
Ion Ratio	100	Lower	Upper
39	68.5	57.6	86.4
76	29.9	27.3	40.9





#15

Acrylonitrile

Concen: 26.02 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

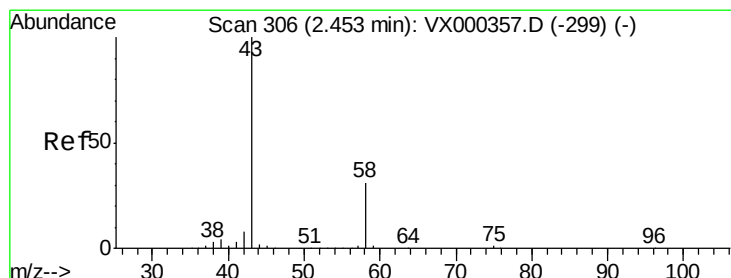
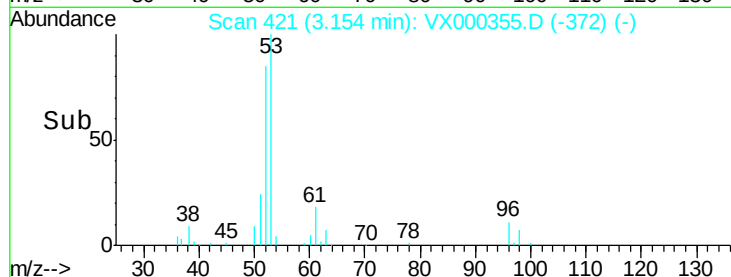
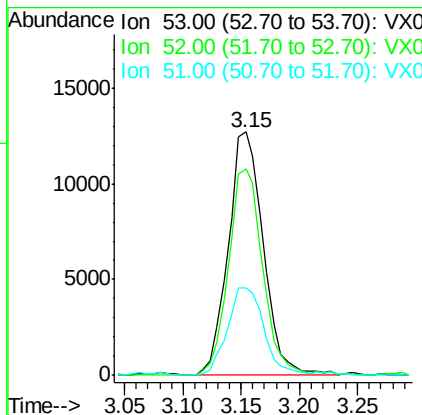
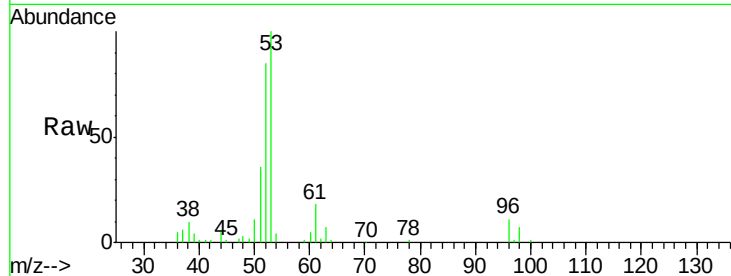
ClientSampled :

VSTDIC005

Tot Ion:	53	Resp:	26644
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	99.8
51	37.8	29.3	43.9

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#16

Acetone

Concen: 29.87 ug/l

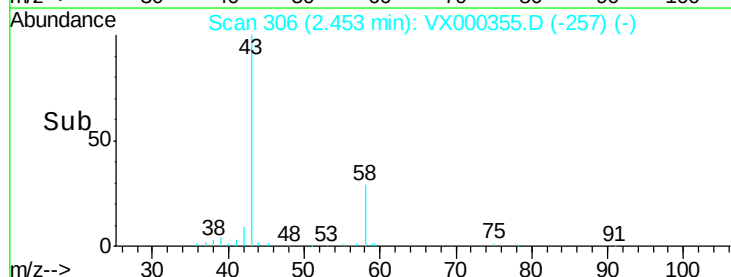
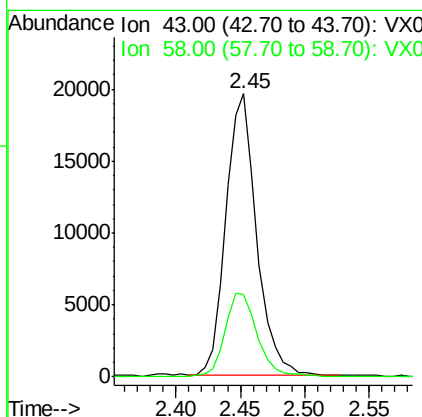
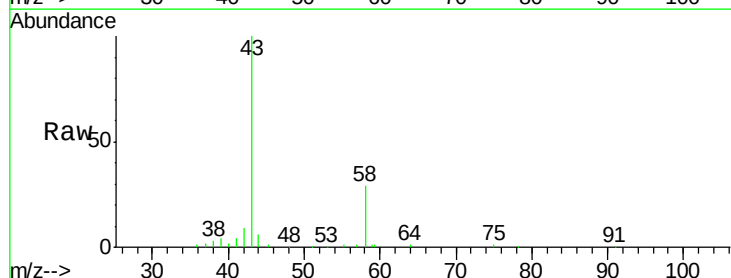
RT: 2.45 min Scan# 306

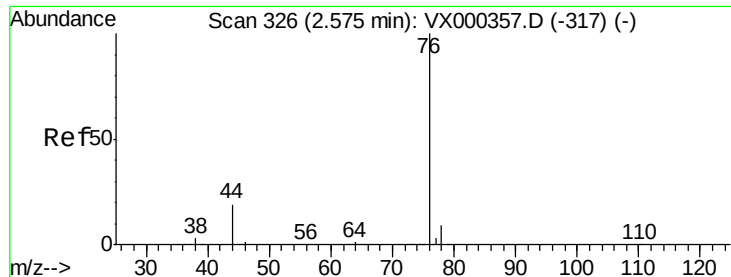
Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion:	43	Resp:	32742
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.7	37.1





#17

Carbon Disulfide

Concen: 4.90 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 18527

Ion Ratio Lower Upper

76 100

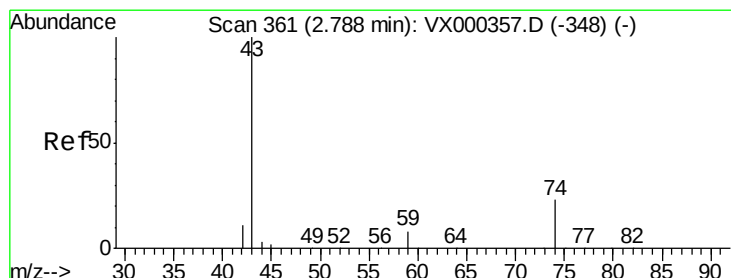
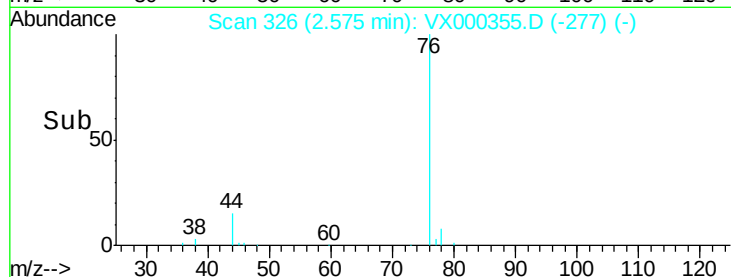
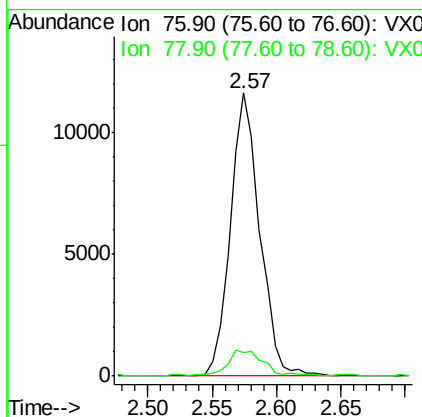
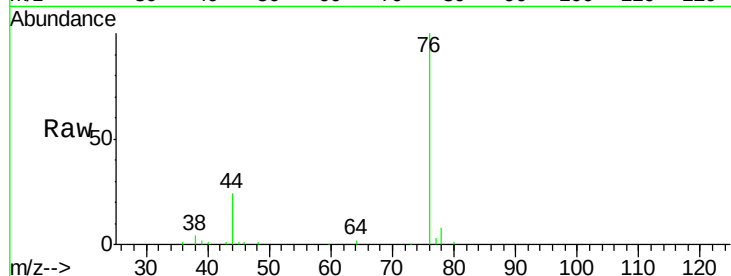
78 8.4 7.0 10.6

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#18

Methyl Acetate

Concen: 5.42 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000355.D

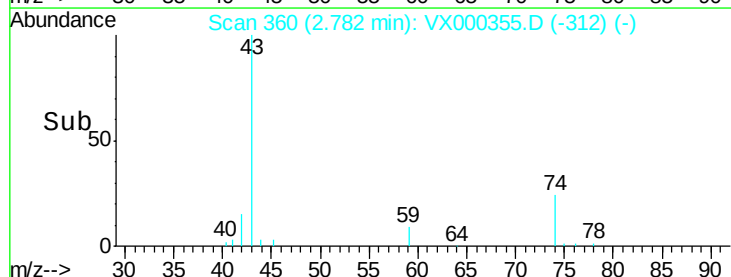
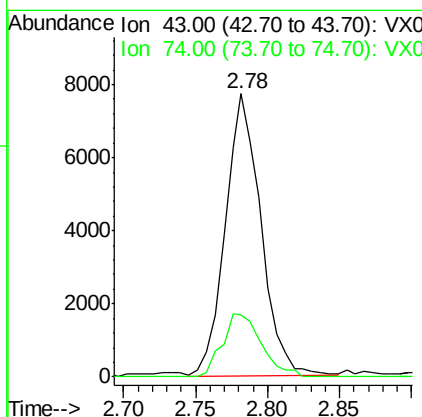
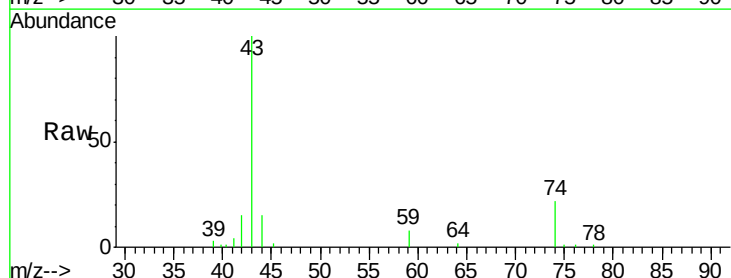
Acq: 20 Mar 2018 10:42

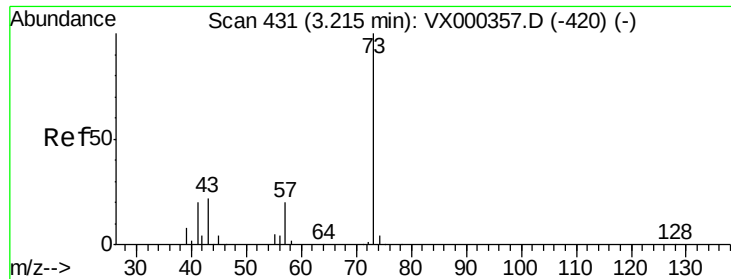
Tgt Ion: 43 Resp: 13304

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2





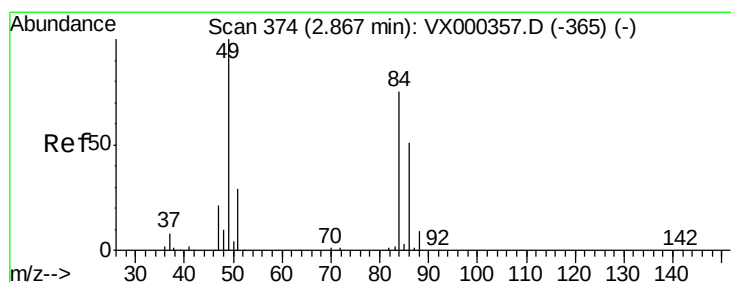
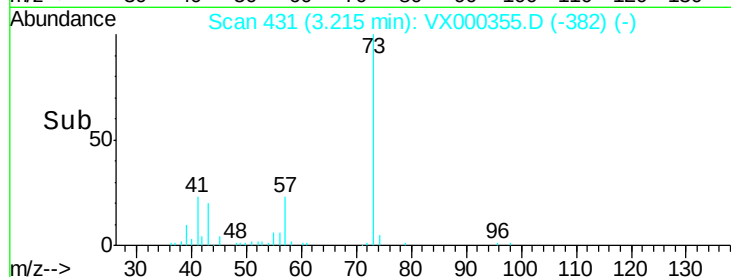
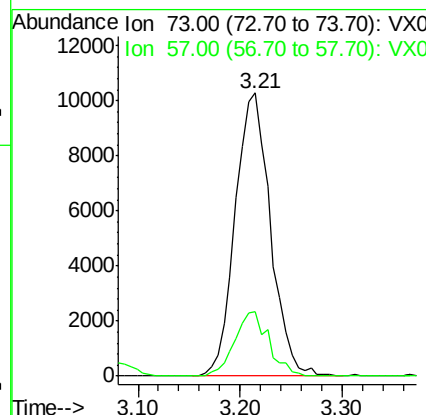
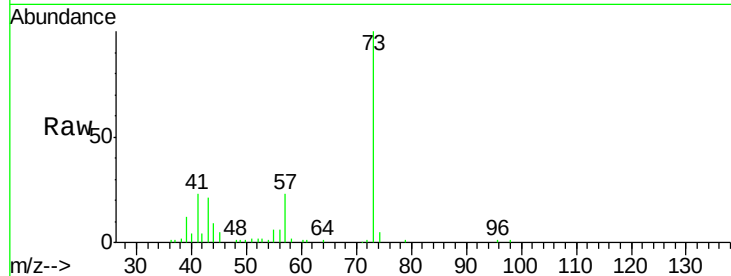
#19
Methyl tert-butyl Ether
Concen: 5.40 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 73 Resp: 24613
Ion Ratio Lower Upper
73 100
57 22.6 17.2 25.8

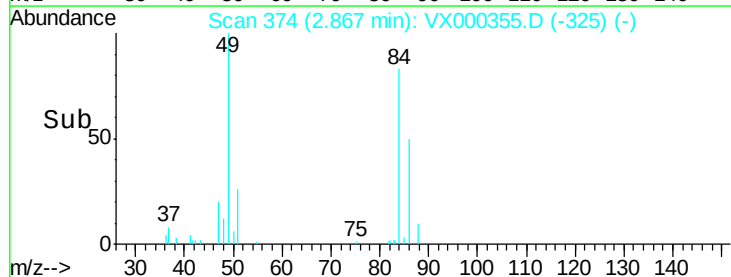
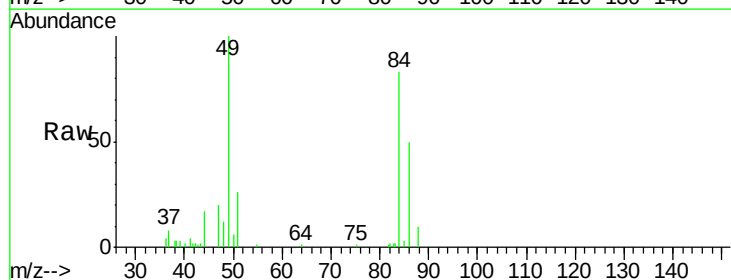
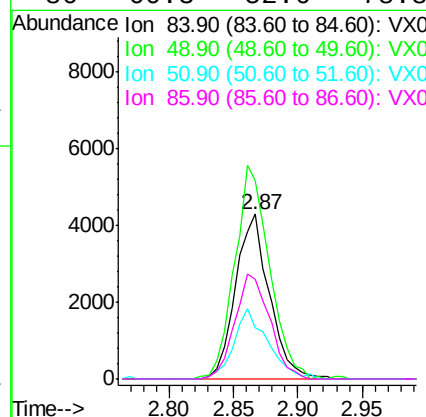
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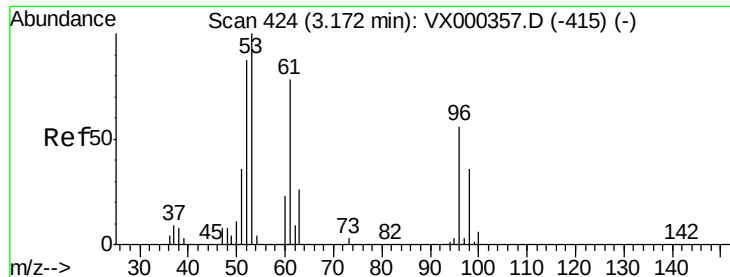
sam
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#20
Methylene Chloride
Concen: 5.55 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 84 Resp: 7873
Ion Ratio Lower Upper
84 100
49 120.3 100.6 151.0
51 31.3 31.6 47.4#
86 60.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 5.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 7770

Ion Ratio Lower Upper

96 100

61 120.7 104.0 156.0

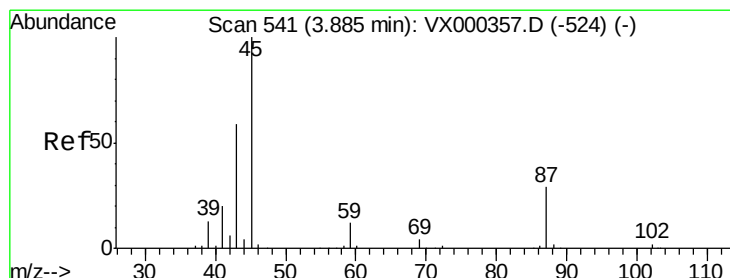
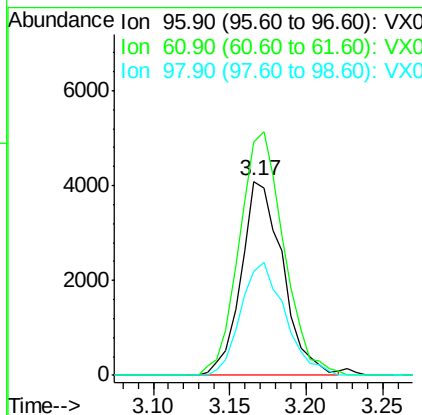
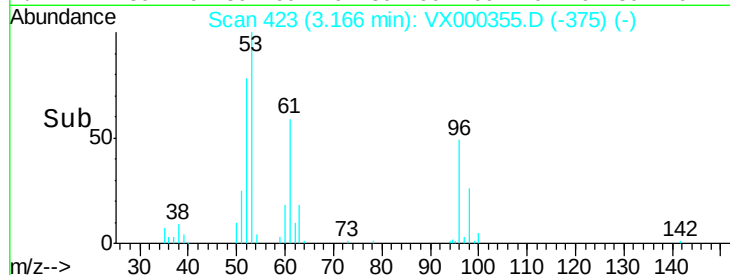
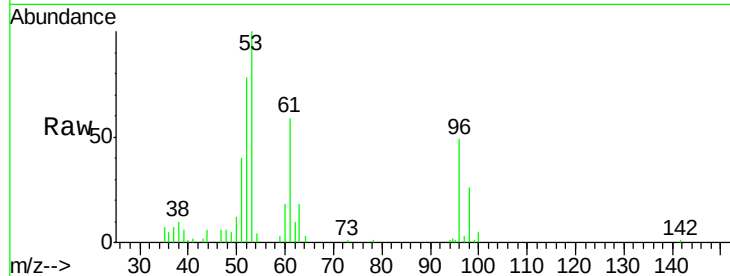
98 53.6 52.1 78.1

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#22

Diisopropyl ether

Concen: 6.14 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion: 45 Resp: 23591

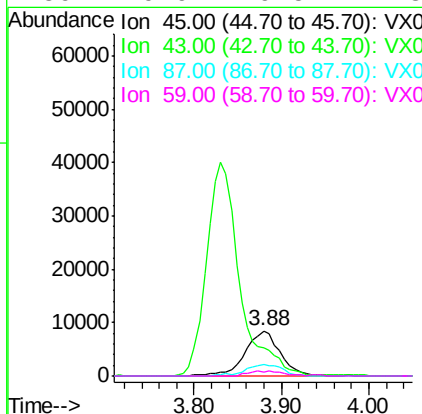
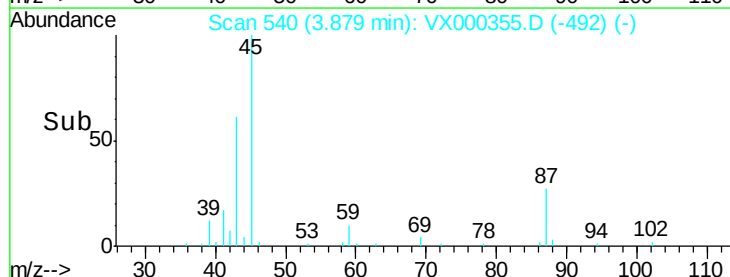
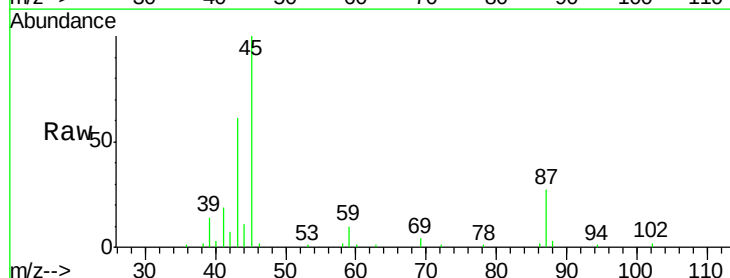
Ion Ratio Lower Upper

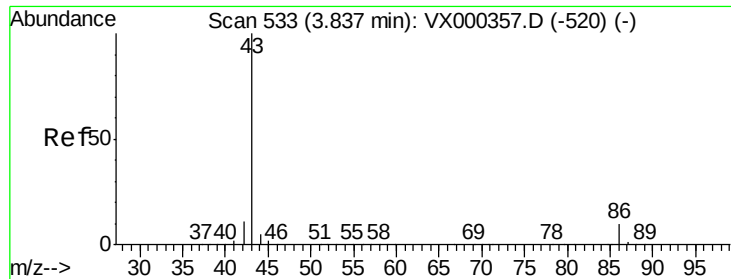
45 100

43 58.6 53.9 80.9

87 26.6 22.6 34.0

59 9.9 9.5 14.3





#23

Vinyl Acetate

Concen: 28.85 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 105728

Ion Ratio Lower Upper

43 100

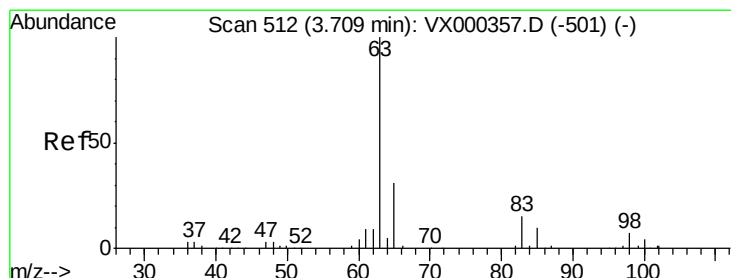
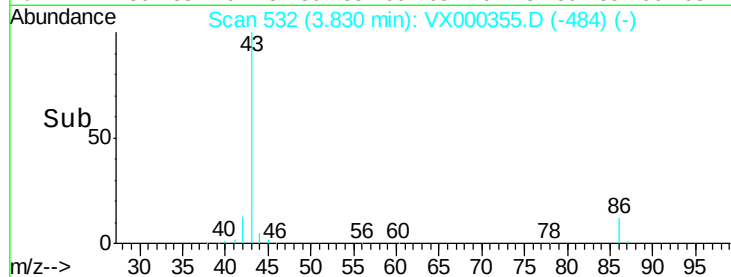
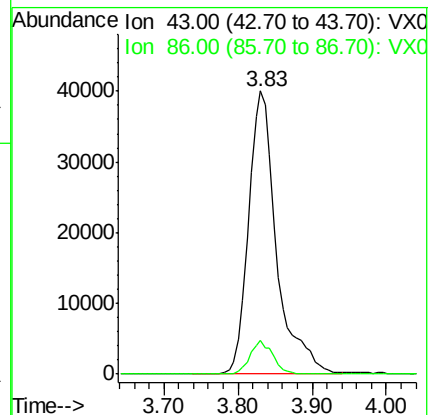
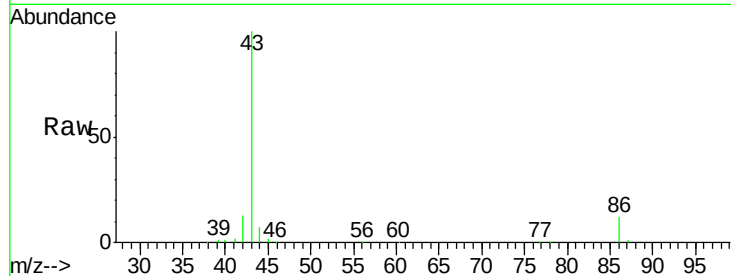
86 12.0 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 5.74 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

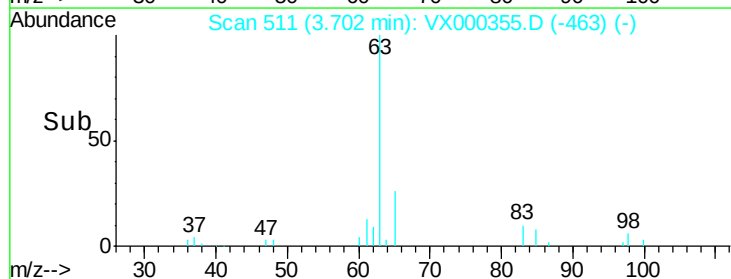
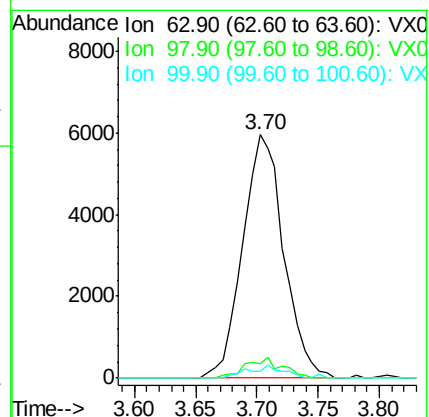
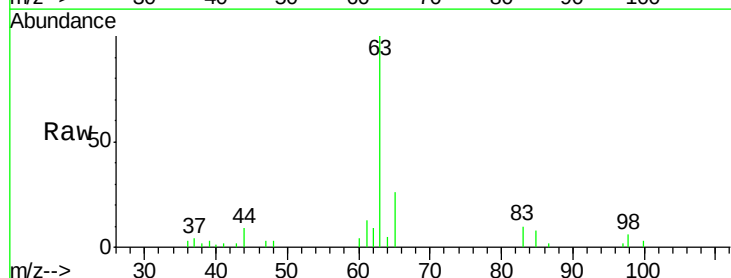
Tgt Ion: 63 Resp: 13875

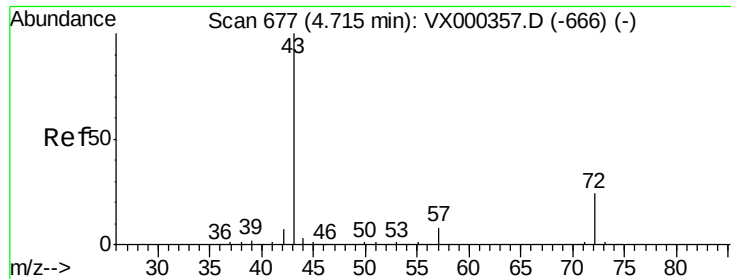
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.0 2.0 5.8





#25

2-Butanone

Concen: 28.46 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 37287

Ion Ratio Lower Upper

43 100

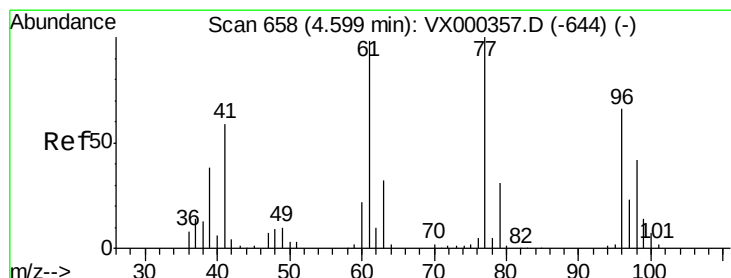
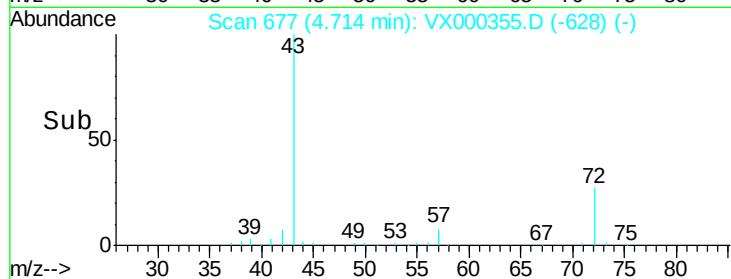
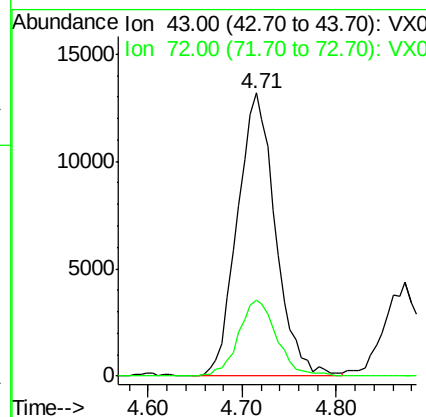
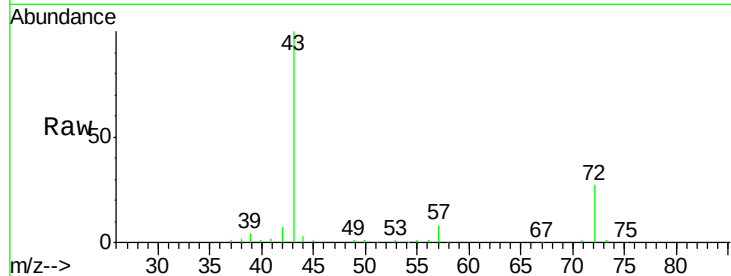
72 26.8 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 5.40 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000355.D

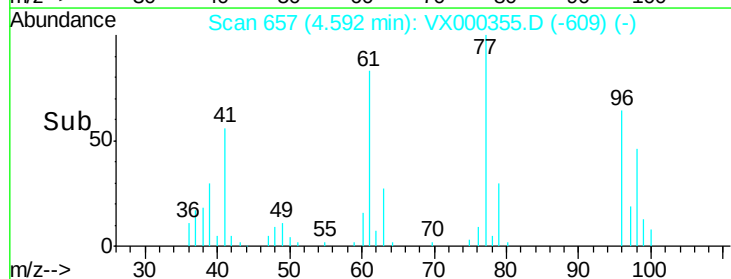
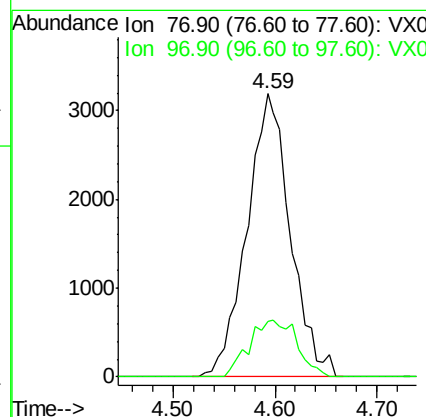
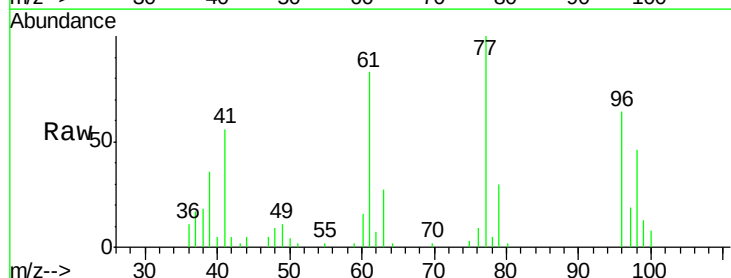
Acq: 20 Mar 2018 10:42

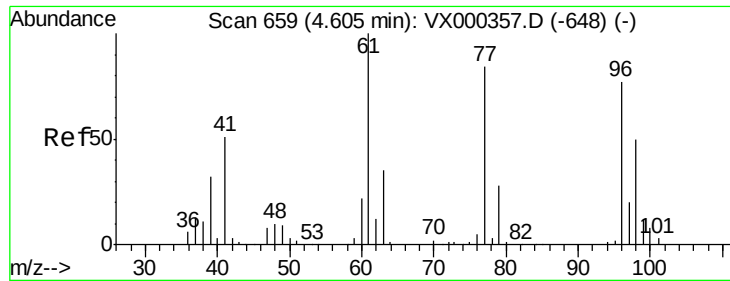
Tgt Ion: 77 Resp: 9425

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

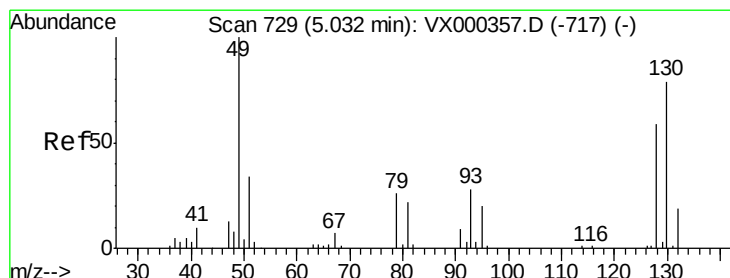
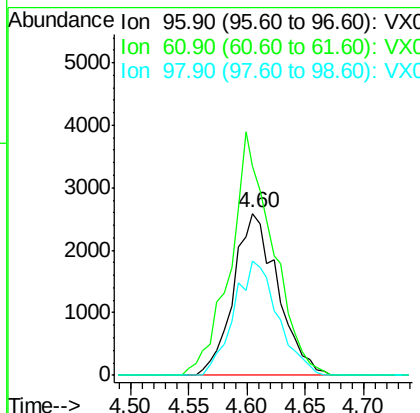
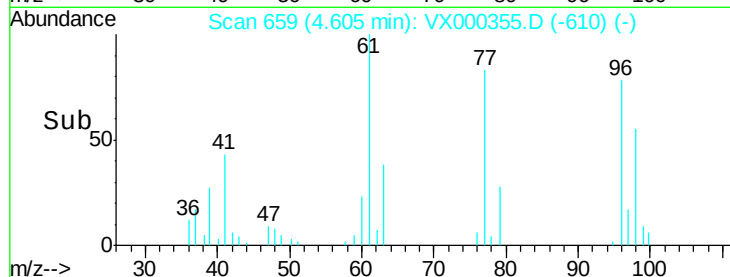
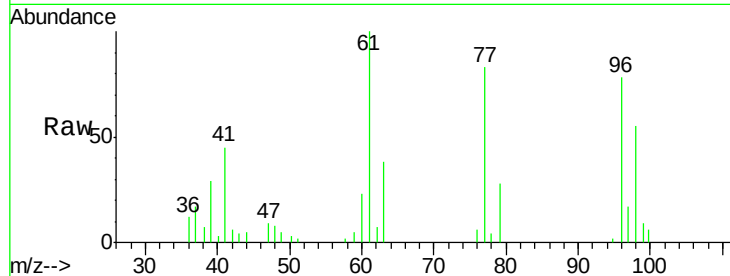
cis-1,2-Dichloroethene
Concen: 5.23 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	291.6
98	70.3	0.0	132.0

Manual Integrations
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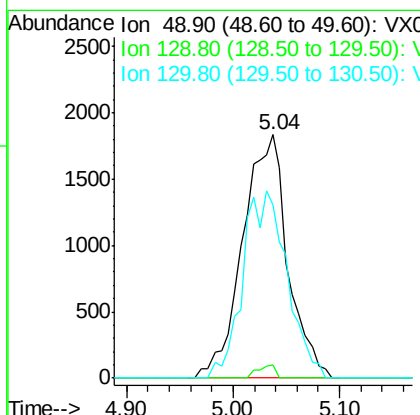
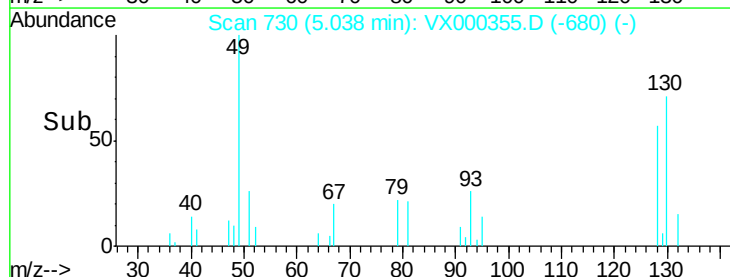
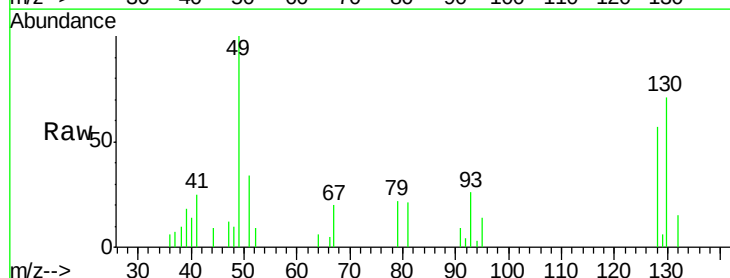
sam
3/21/2018 11:44:02 AM

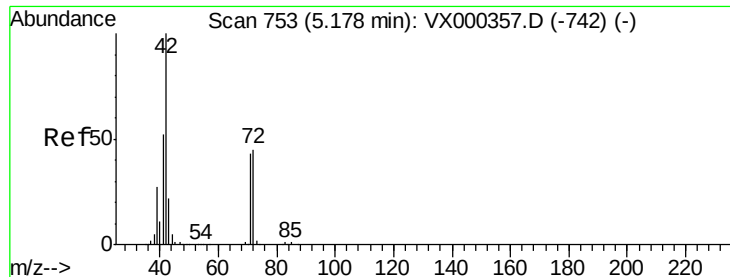


#28

Bromochloromethane
Concen: 5.33 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	34.5	64.0	96.0#





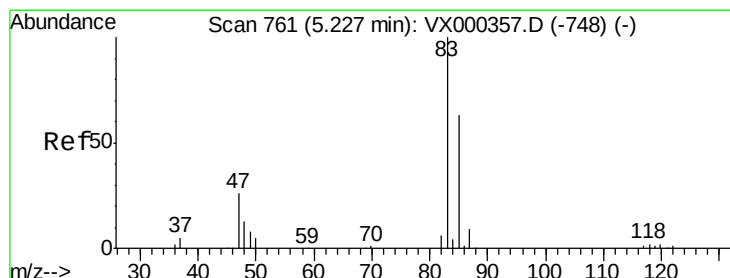
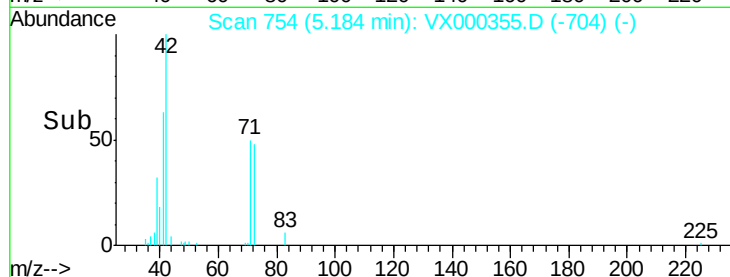
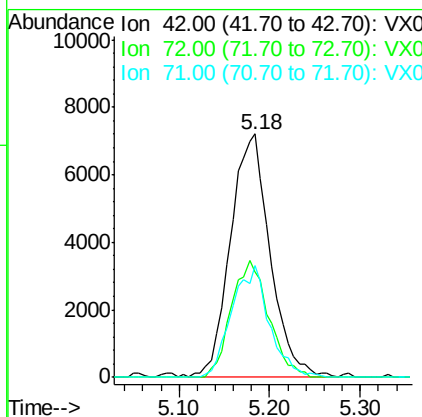
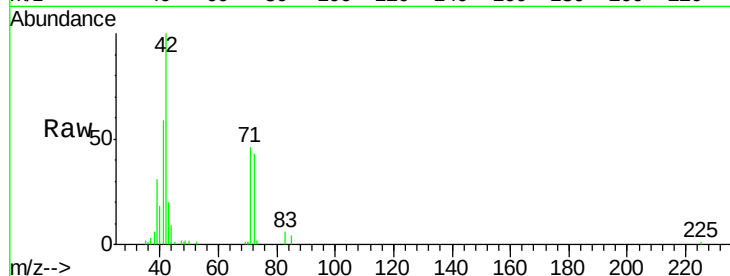
#29
Tetrahydrofuran
Concen: 25.96 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	37.9	56.9
71	43.5	34.4	51.6

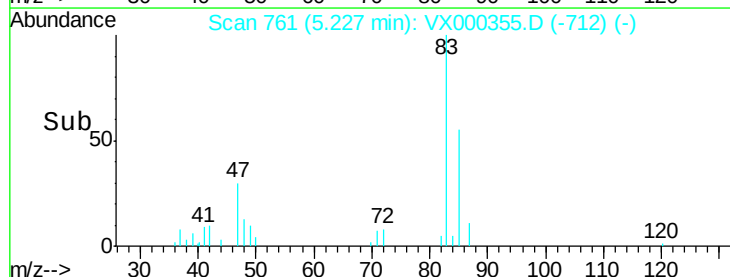
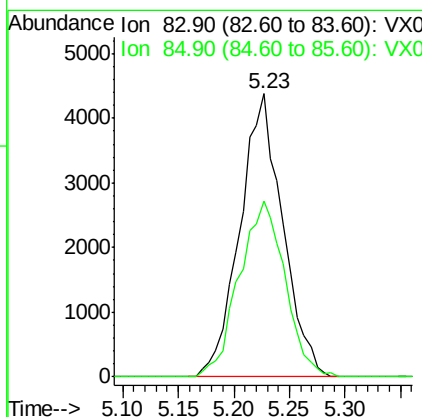
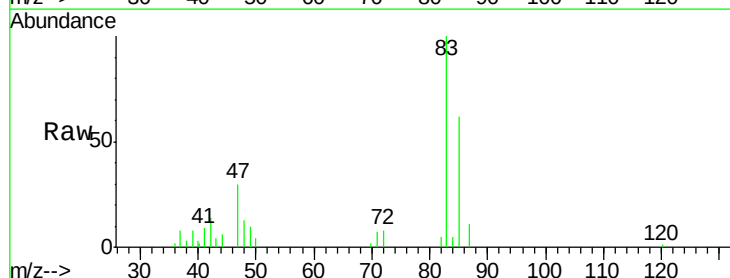
Manual Integrations
APPROVED

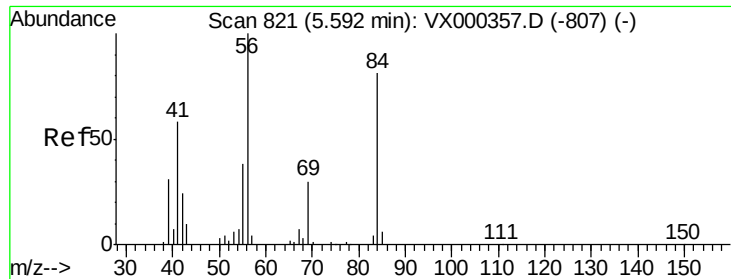
sam
3/21/2018 11:44:02 AM



#30
Chloroform
Concen: 5.12 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.3	79.9





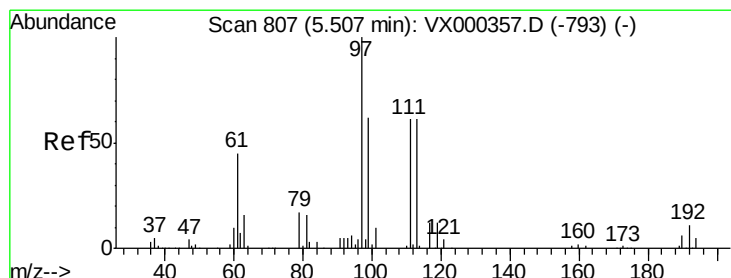
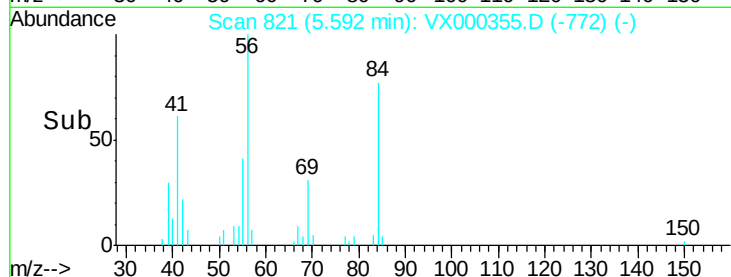
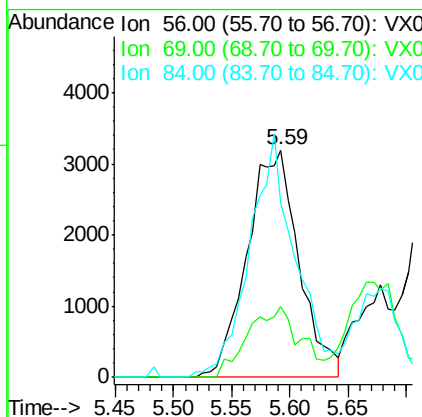
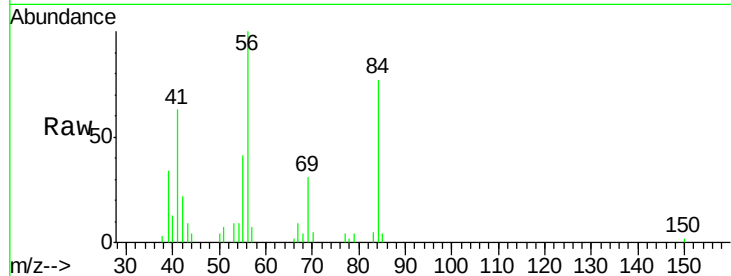
#31
Cyclohexane
Concen: 5.33 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.4	35.0
84	76.9	71.0	106.4

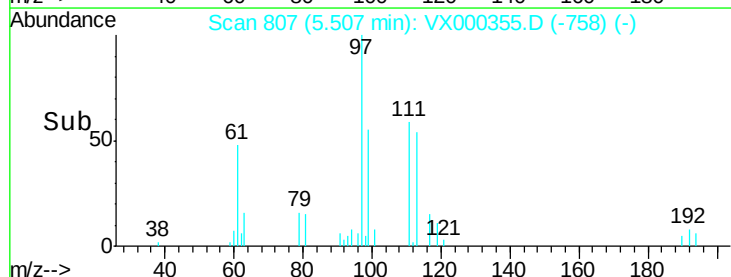
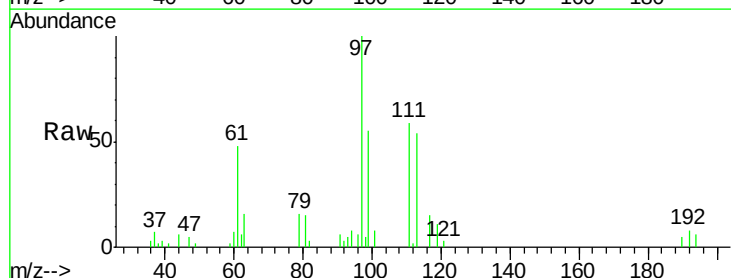
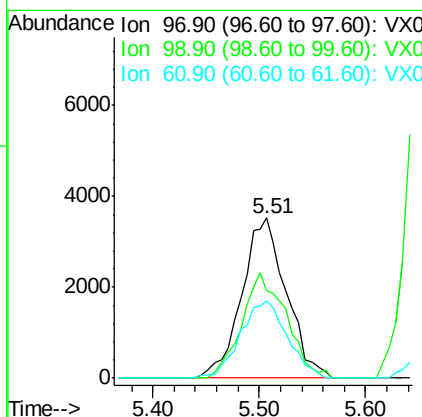
Manual Integrations
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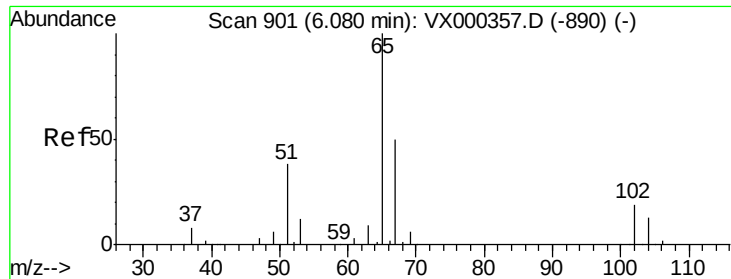
sam
3/21/2018 11:44:02 AM



#32
1,1,1-Trichloroethane
Concen: 5.11 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.1	78.1
61	50.7	36.2	54.4





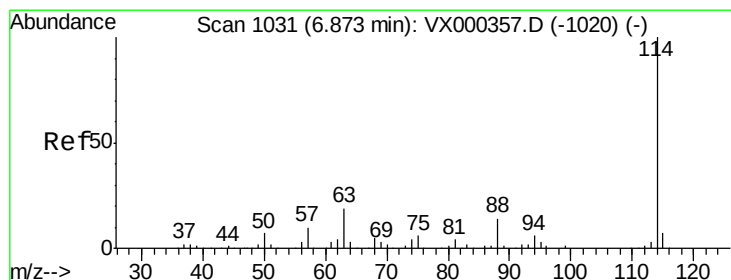
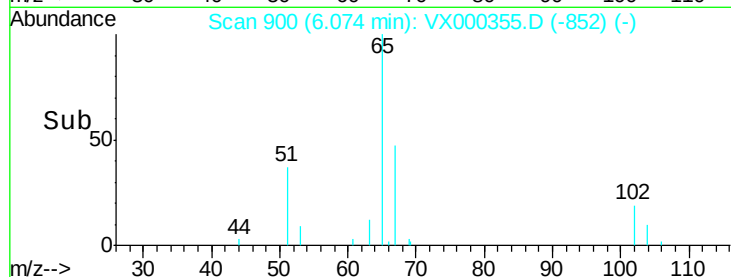
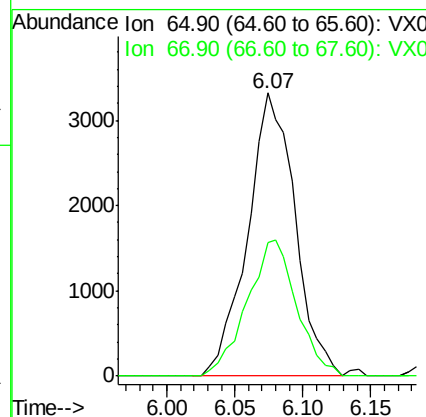
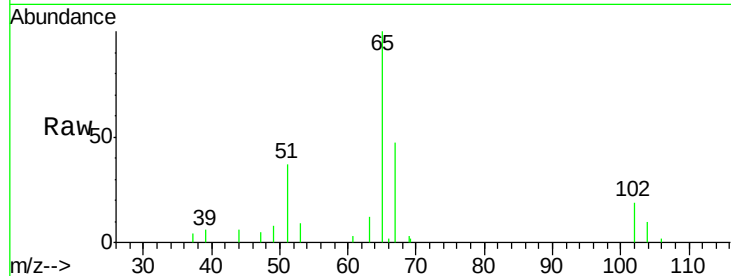
#33
 1,2-Dichloroethane-d4
 Concen: 4.93 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	8096		
67	50.0		0.0	103.2

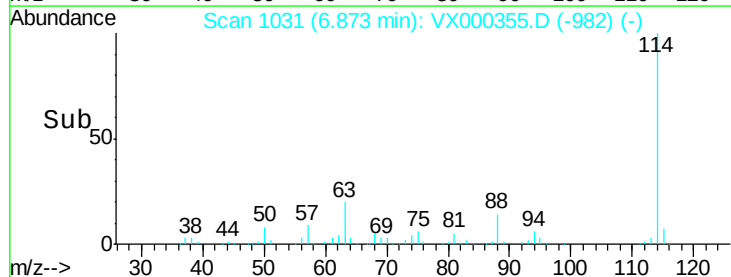
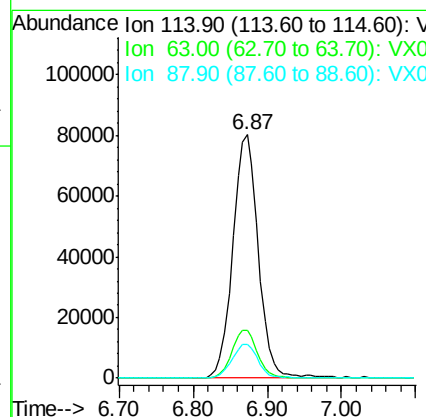
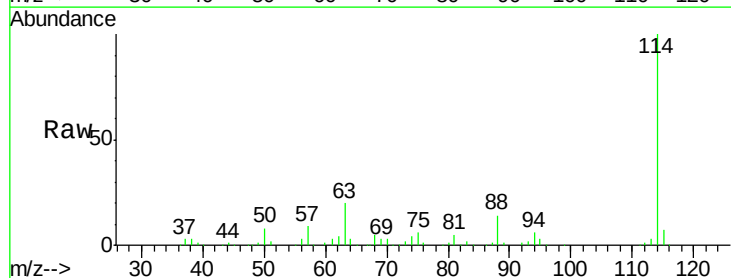
Manual Integrations
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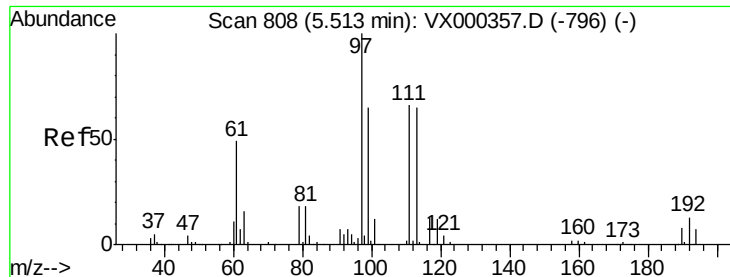
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	192085		
63	19.6		0.0	38.4
88	13.9		0.0	27.0





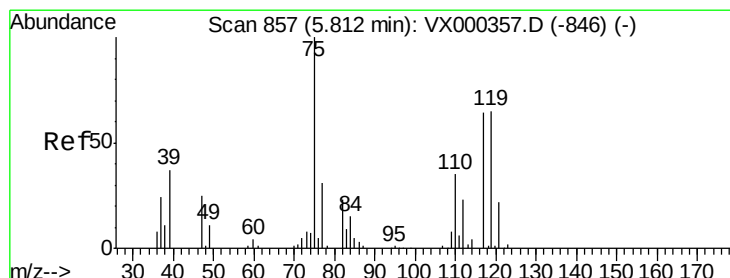
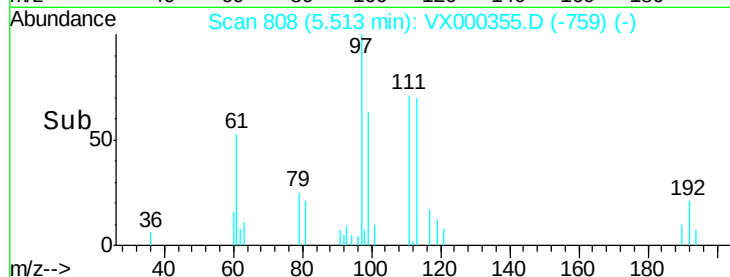
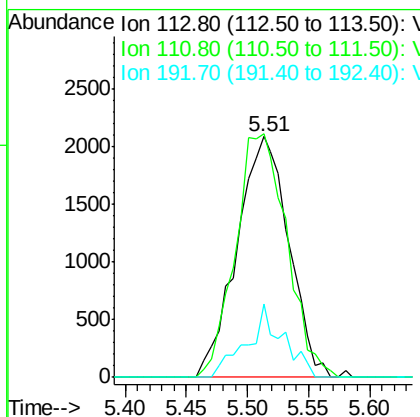
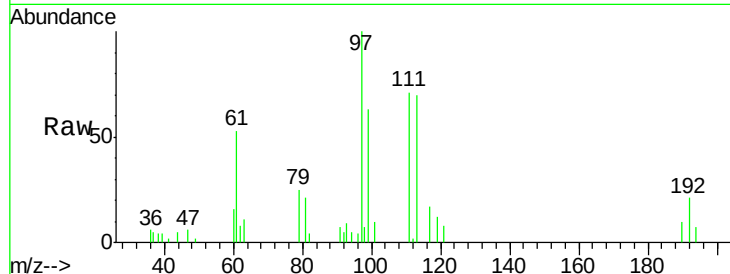
#35
Dibromofluoromethane
Concen: 5.08 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	6152		
111	100.4	82.4	123.6	
192	21.3	15.8	23.6	

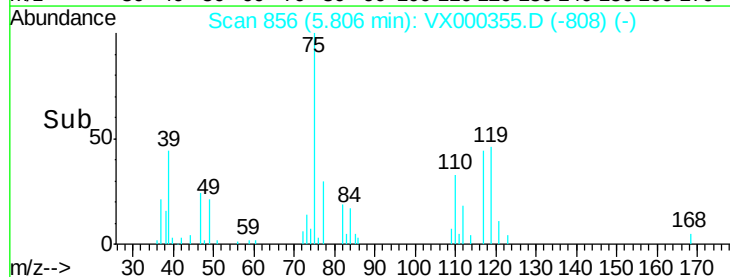
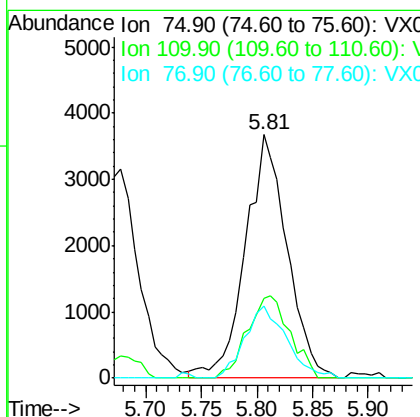
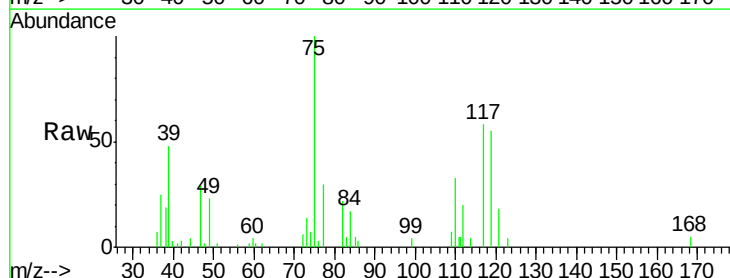
Manual Integrations
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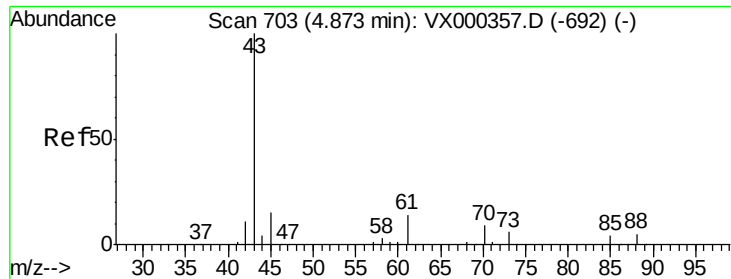
sam
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#36
1,1-Dichloropropene
Concen: 5.49 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9590		
110	34.3	17.9	53.7	
77	29.4	24.0	36.0	





#37

Ethyl Acetate

Concen: 5.35 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

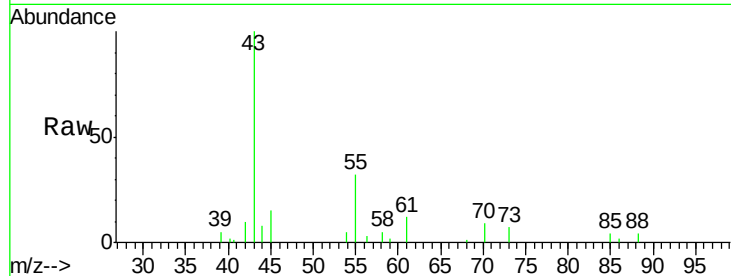
ClientSampled :

VSTDIC005

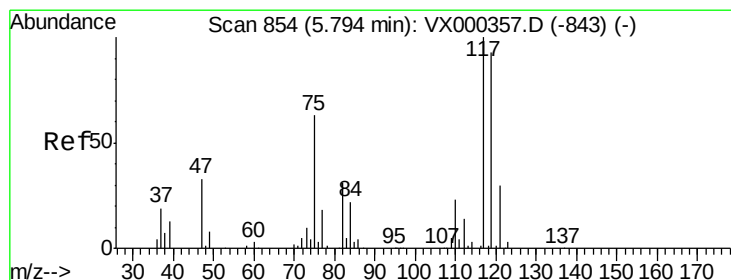
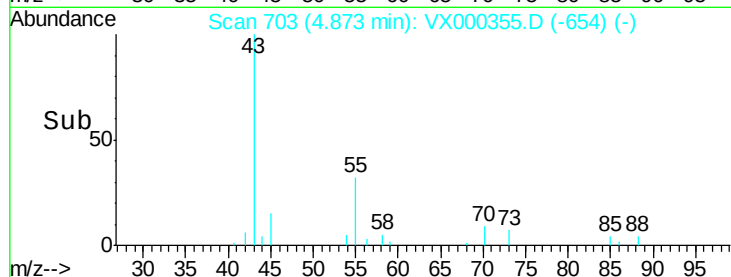
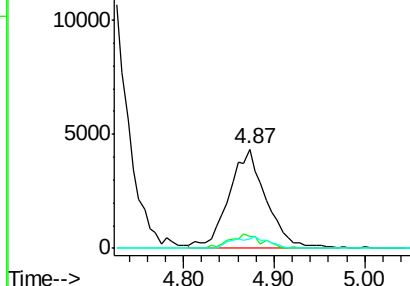
Tot Ion:	43	Resp:	12417
Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.1	16.7
70	10.8	7.7	11.5

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



#38

Carbon Tetrachloride

Concen: 4.89 ug/l

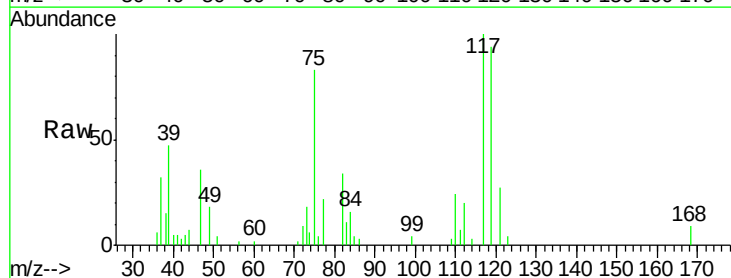
RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

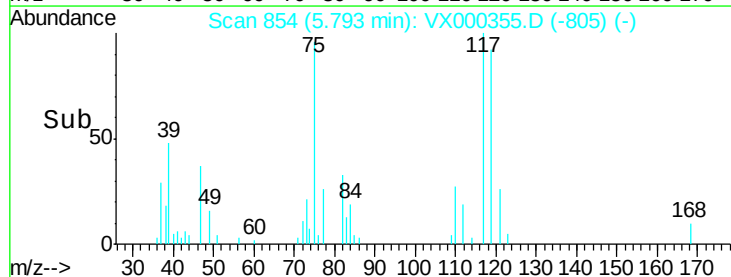
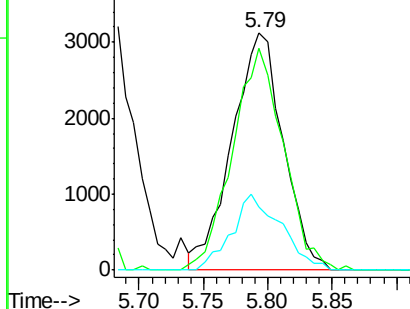
Lab File: VX000355.D

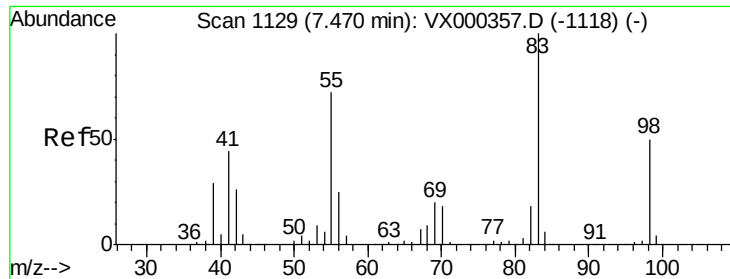
Acq: 20 Mar 2018 10:42

Tgt Ion:	117	Resp:	8603
Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.4	116.2
121	26.5	24.8	37.2



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





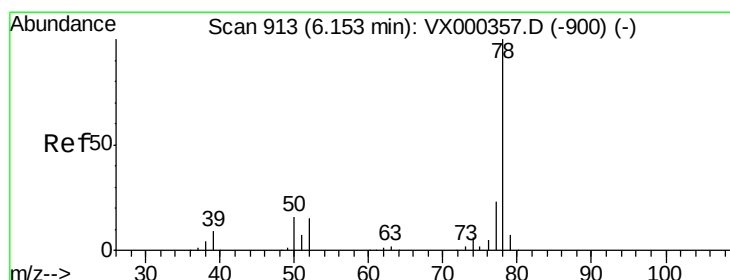
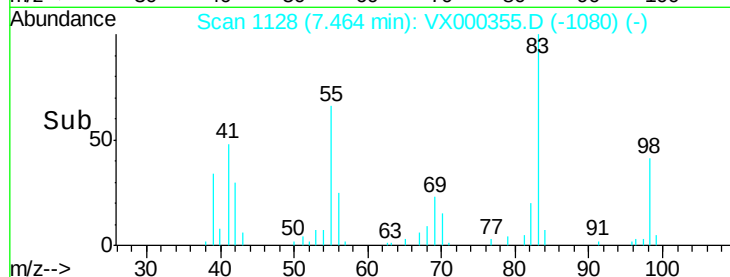
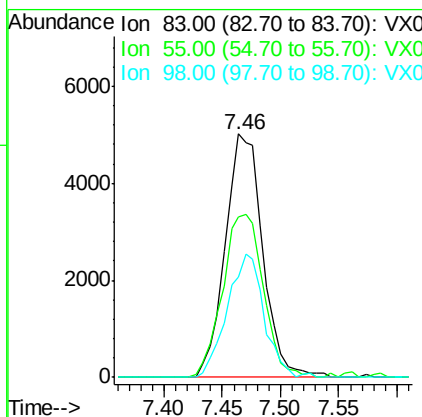
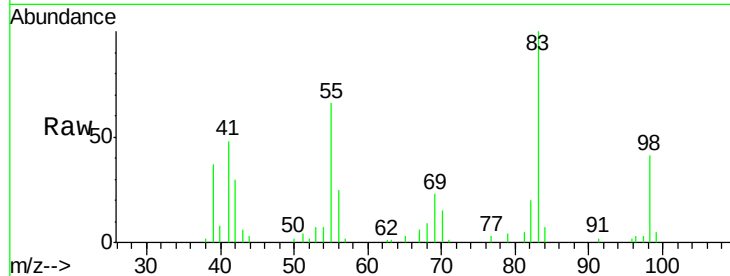
#39
Methylvlcyclohexane
Concen: 5.51 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.8	55.5	83.3
98	41.3	38.2	57.4

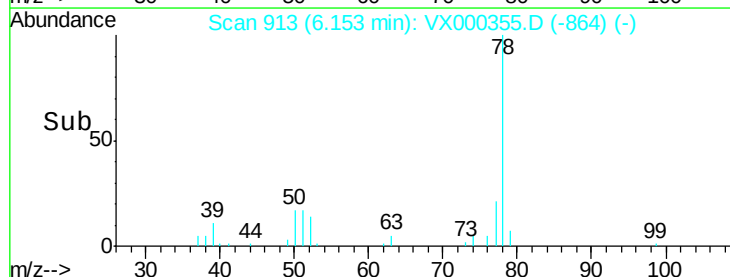
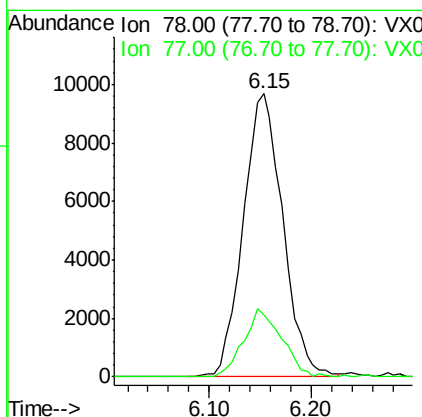
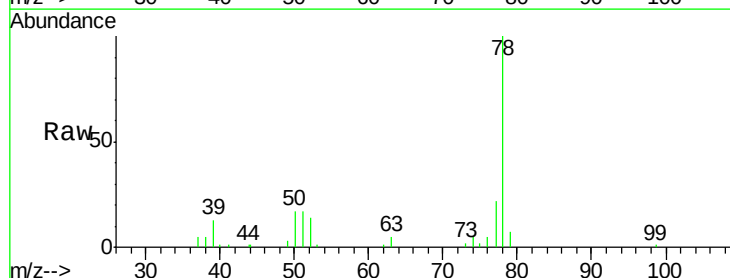
Manual Integrations
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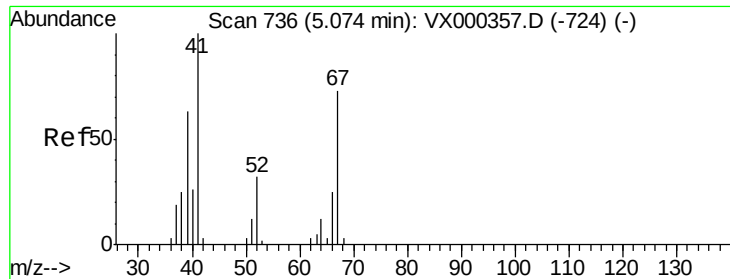
sam
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#40
Benzene
Concen: 5.27 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.7	28.1





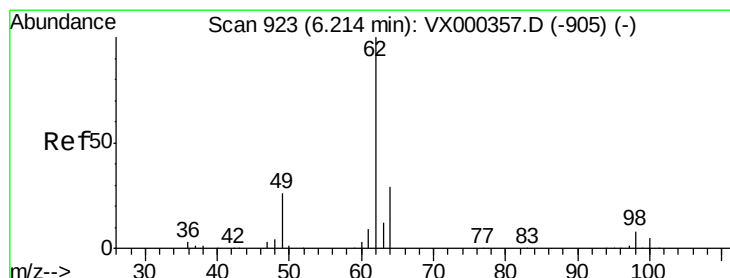
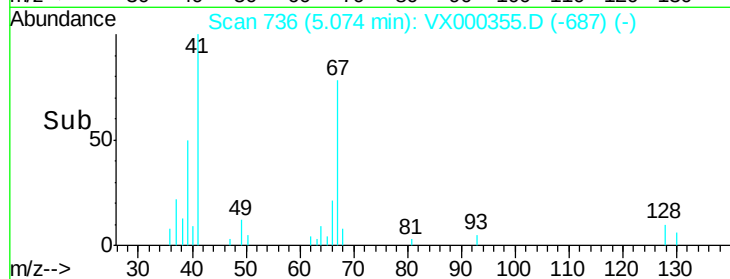
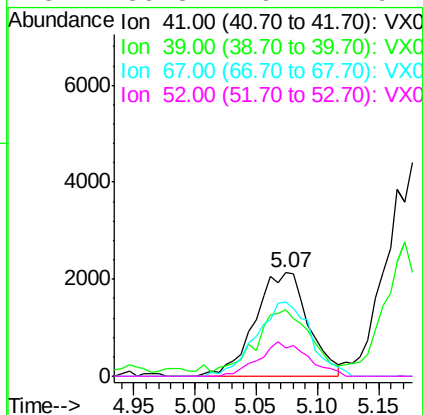
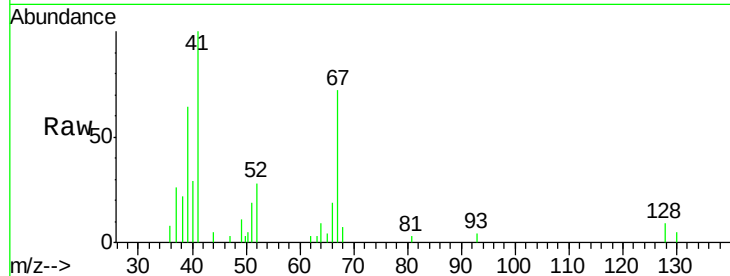
#41
Methacrylonitrile
Concen: 5.36 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	6522
Ion	Ratio	Lower	Upper
41	100		
39	59.2	45.7	68.5
67	72.2	57.8	86.8
52	30.3	26.7	40.1

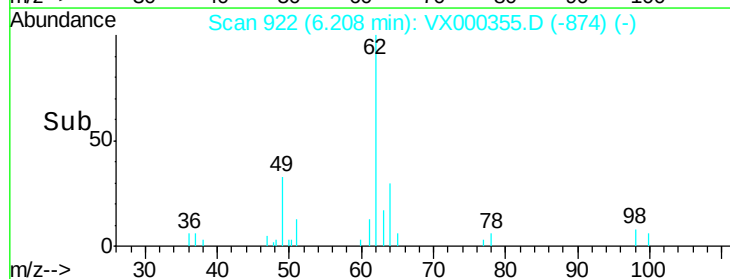
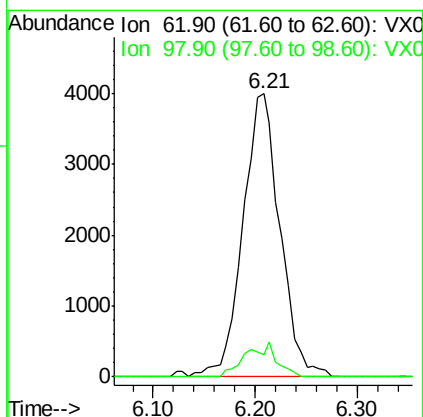
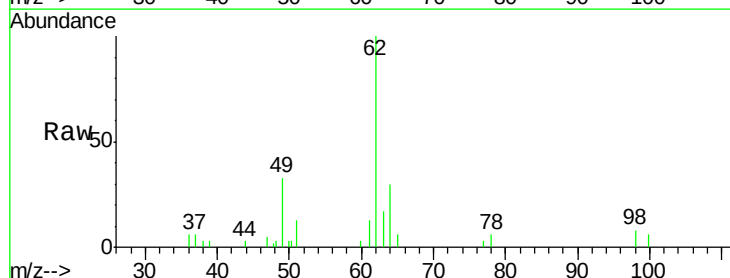
Manual Integrations
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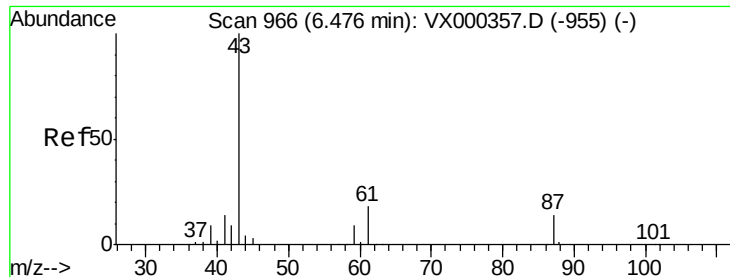
sam
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#42
1,2-Dichloroethane
Concen: 5.14 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:	62	Resp:	10096
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 5.18 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

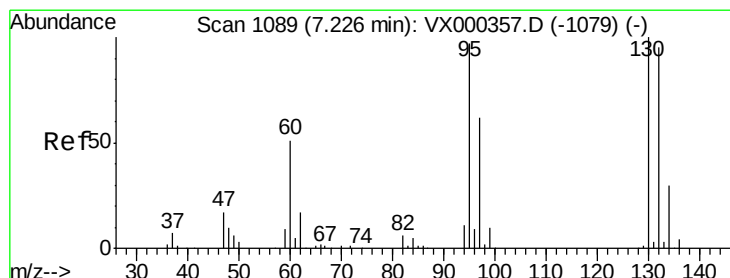
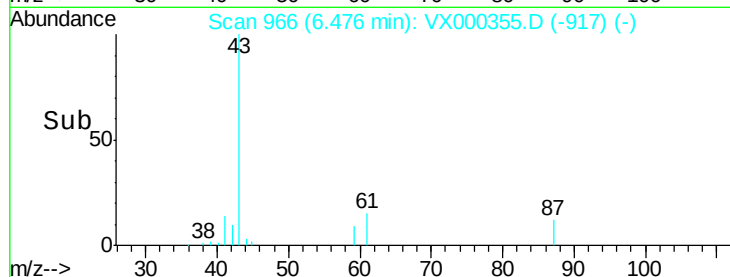
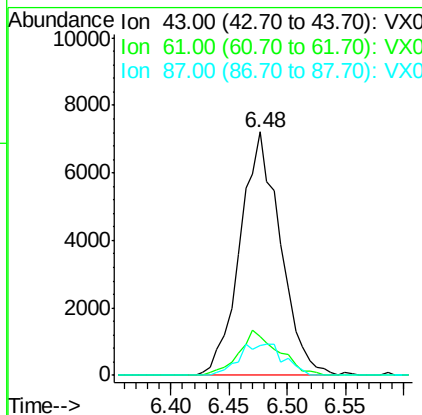
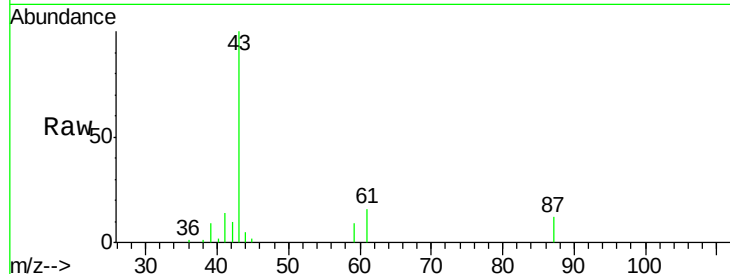
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	17339
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	14.4	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 5.45 ug/l

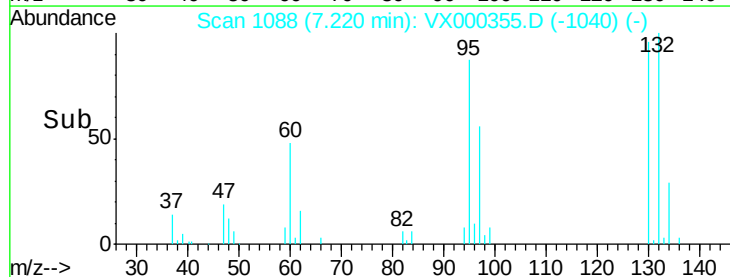
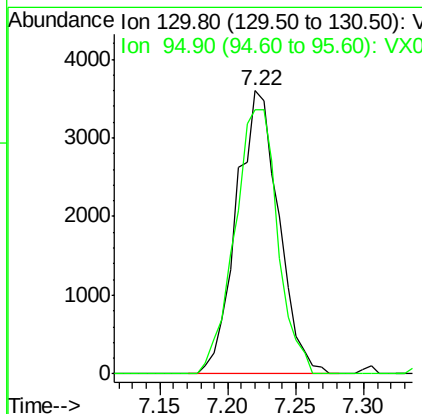
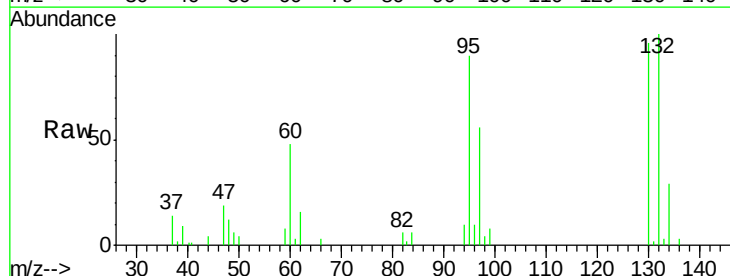
RT: 7.22 min Scan# 1088

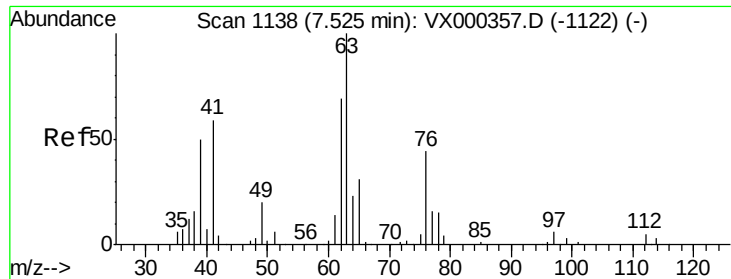
Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion:	130	Resp:	7823
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	186.0





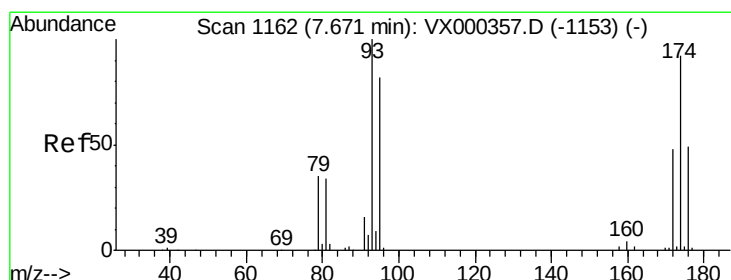
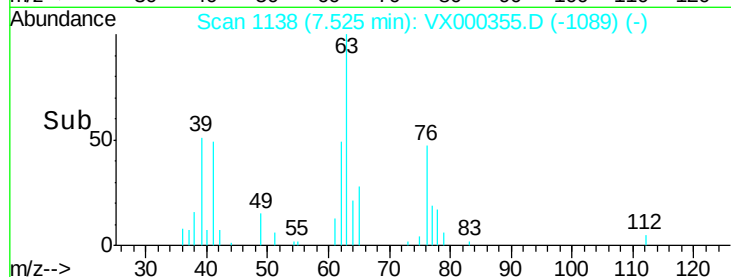
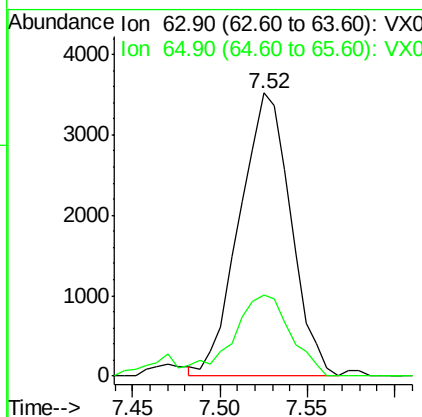
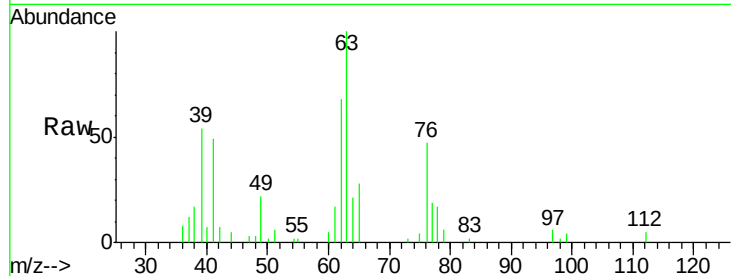
#45
 1,2-Dichloropropane
 Concen: 5.87 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 7170
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.6 36.8

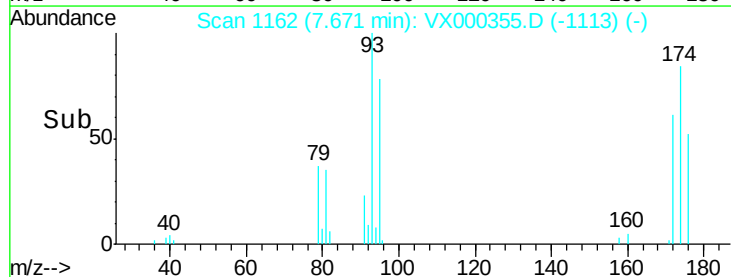
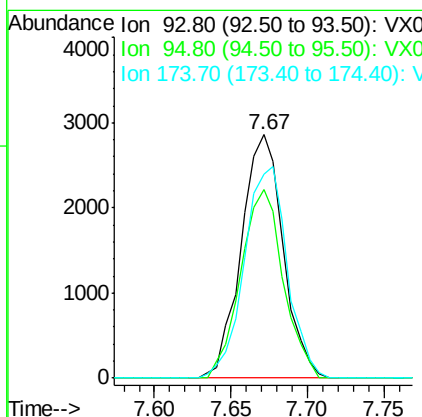
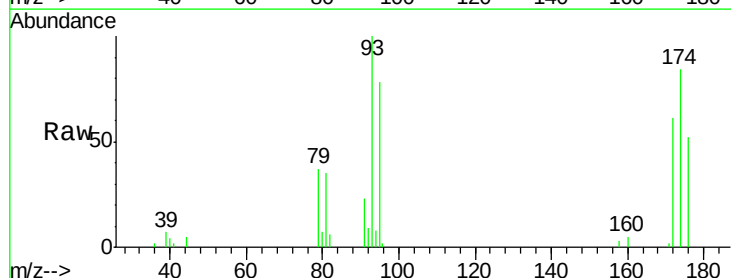
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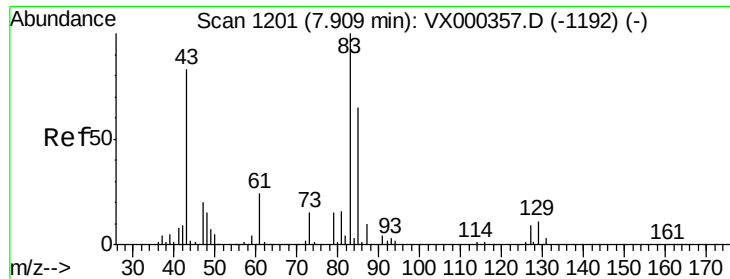
sam
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#46
 Dibromomethane
 Concen: 5.55 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 93 Resp: 5440
 Ion Ratio Lower Upper
 93 100
 95 78.7 66.5 99.7
 174 89.4 76.0 114.0





#47

Bromodichloromethane

Concen: 4.97 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tot Ion:	83	Resp:	8652
Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.4	77.0
127	9.3	7.0	10.6

Instrument :

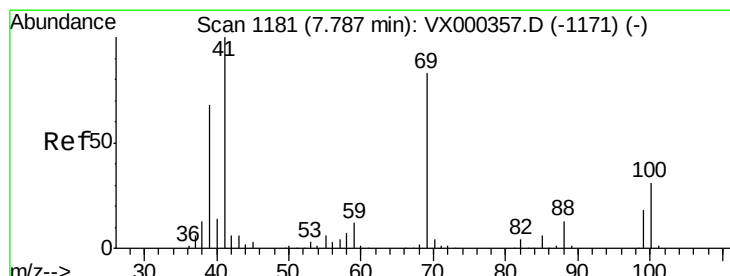
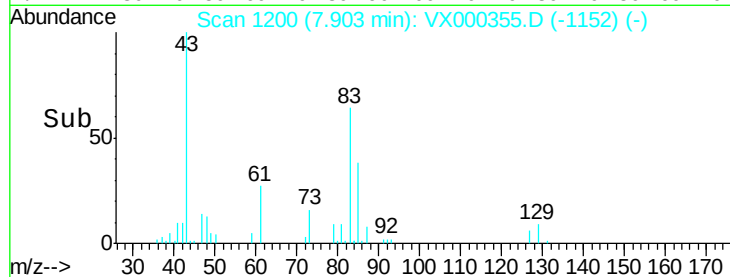
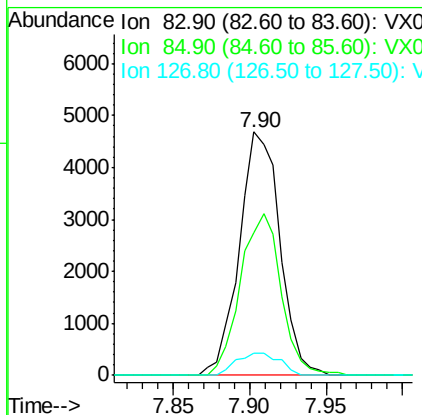
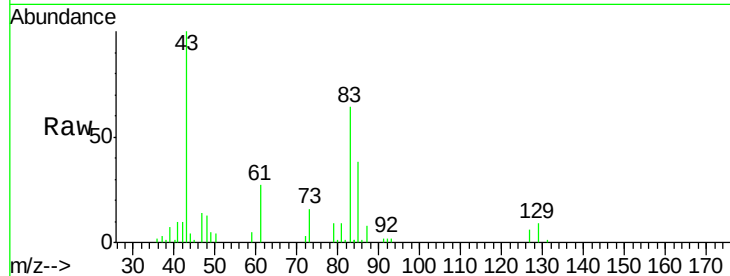
MSVOA_X

ClientSampleId :

VSTDIC005

Manual Integrations
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#48

Methyl methacrylate

Concen: 5.07 ug/l

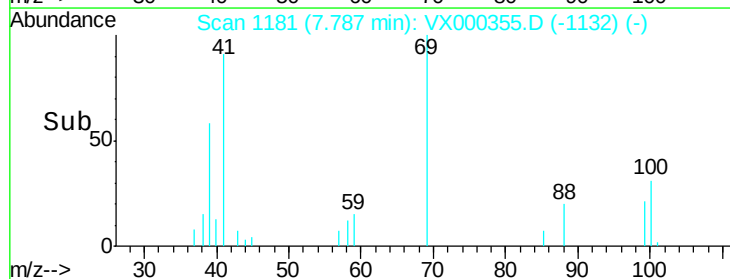
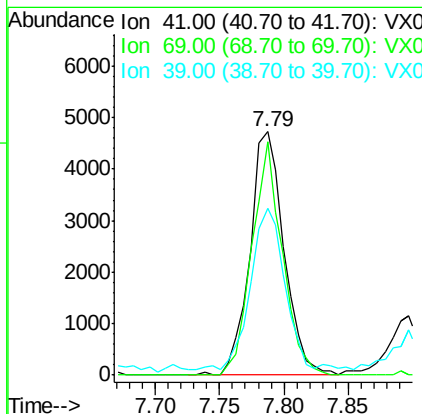
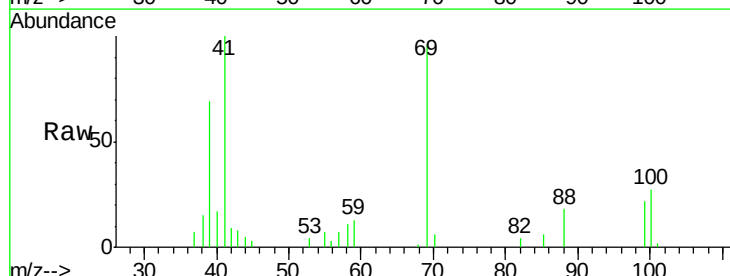
RT: 7.79 min Scan# 1181

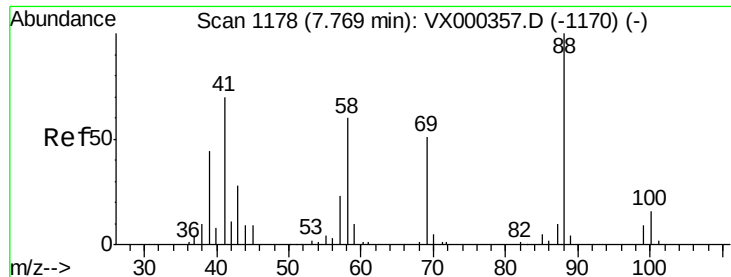
Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion:	41	Resp:	8580
Ion	Ratio	Lower	Upper
41	100		
69	85.8	68.2	102.4
39	66.7	54.6	81.8





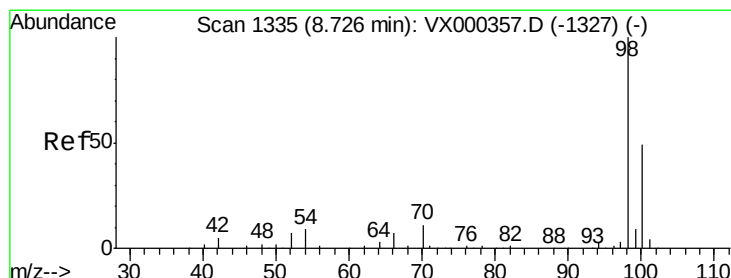
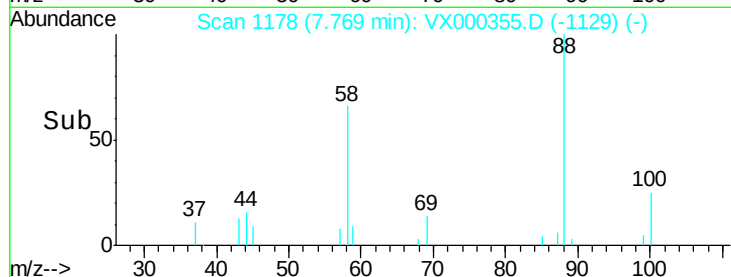
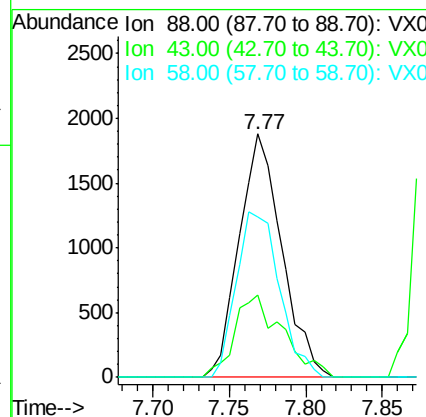
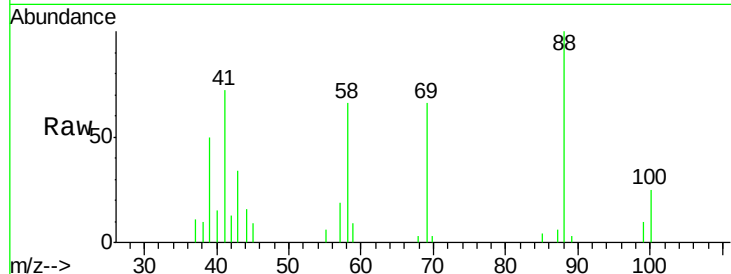
#49
1,4-Dioxane
Concen: 95.58 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	88	Resp	3640
Ion Ratio	Lower	Upper	
88	100		
43	38.3	26.8	40.2
58	68.8	52.2	78.2

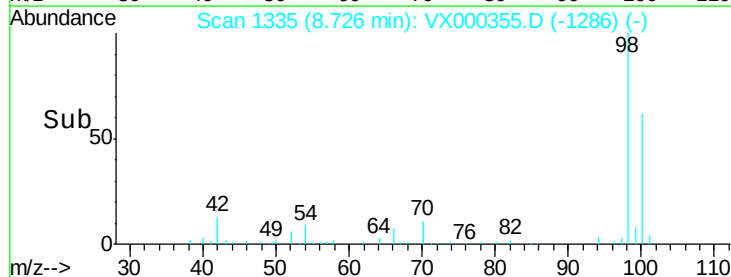
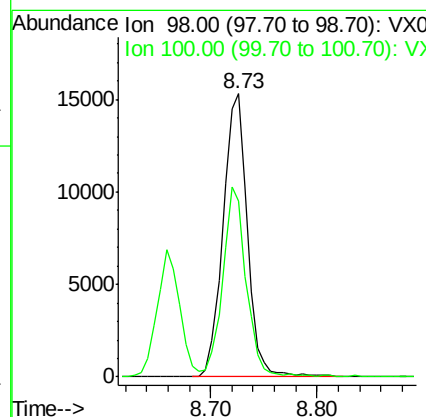
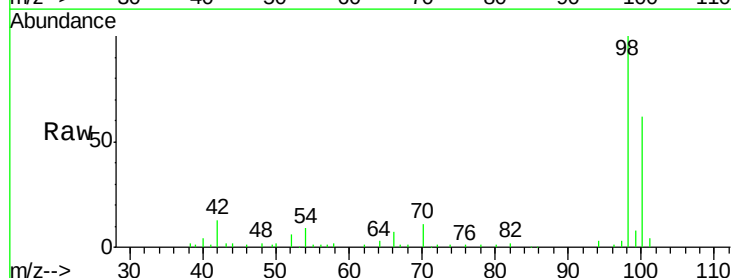
Manual Integrations
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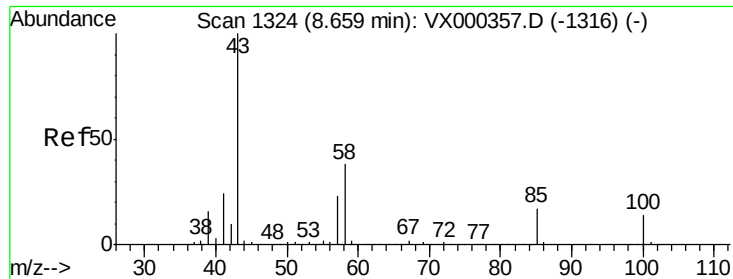
sam
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#50
Toluene-d8
Concen: 4.83 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	98	Resp	24416
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 26.19 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 68095

Ion Ratio Lower Upper

43 100

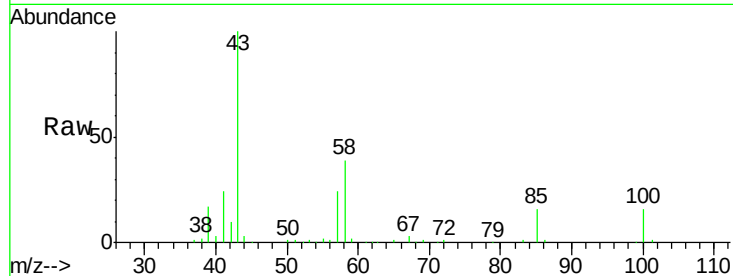
58 36.5 30.3 45.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

40000

30000

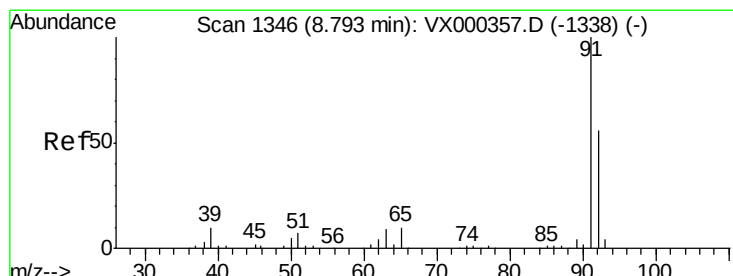
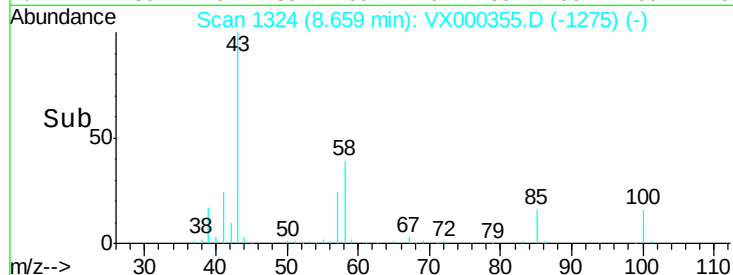
20000

10000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 4.96 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000355.D

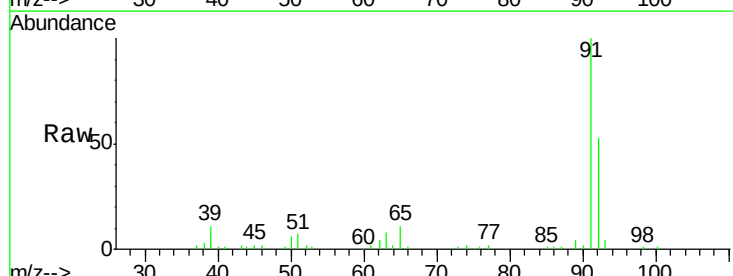
Acq: 20 Mar 2018 10:42

Tgt Ion: 92 Resp: 17269

Ion Ratio Lower Upper

92 100

91 185.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

25000

20000

15000

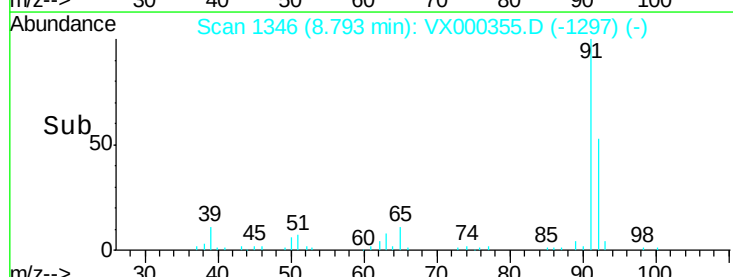
10000

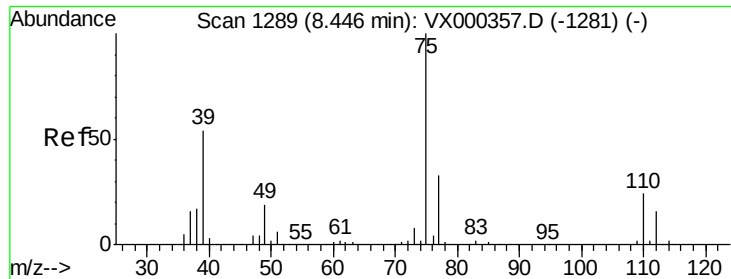
5000

0

8.70 8.75 8.80 8.85 8.90

Time-->





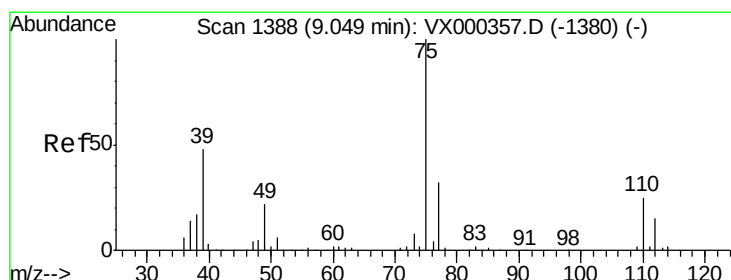
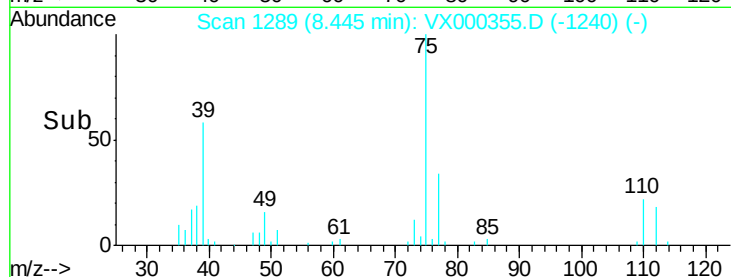
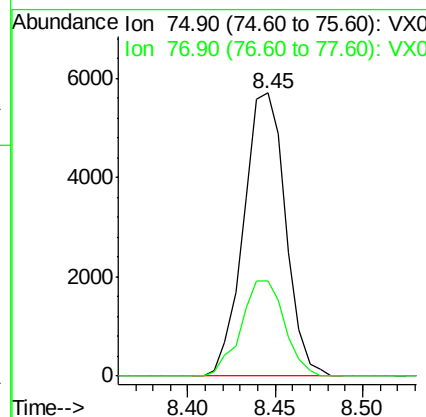
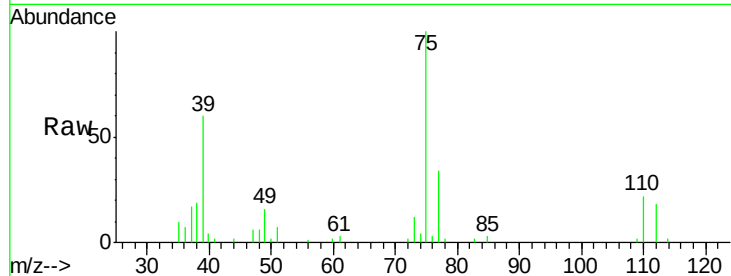
#53
 t-1,3-Dichloropropene
 Concen: 4.75 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 9537
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.0 36.0

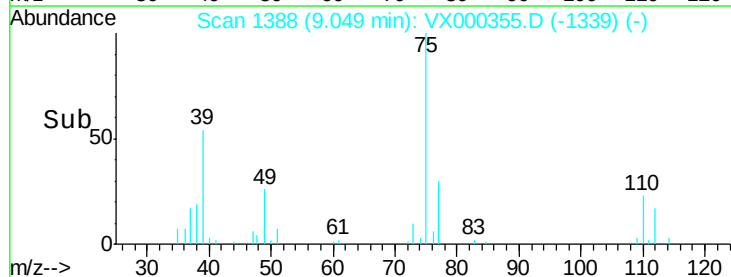
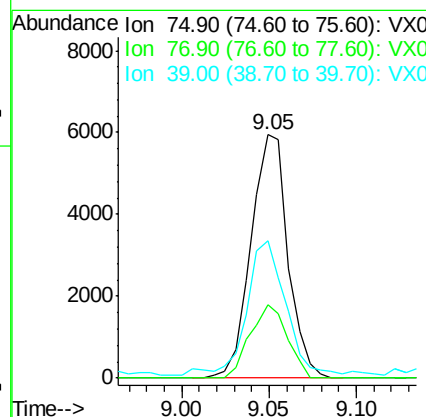
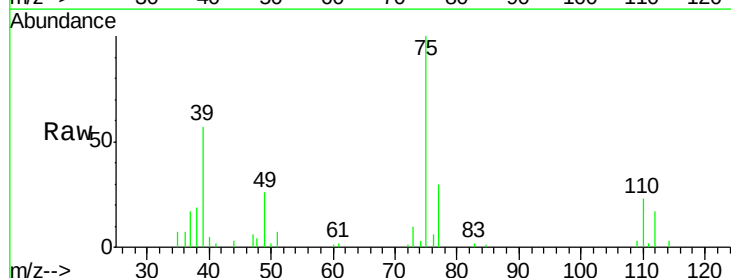
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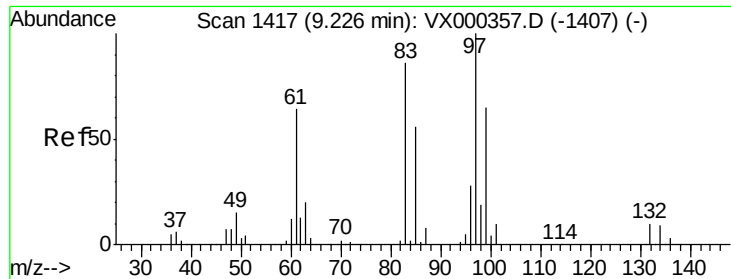
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 4.43 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 75 Resp: 8708
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.1 39.1
 39 55.0 39.8 59.6





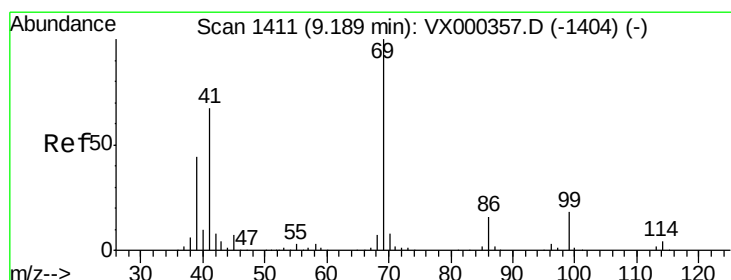
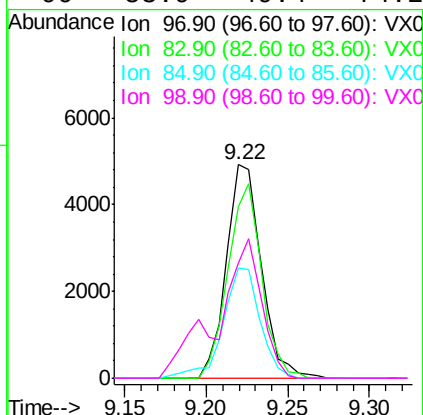
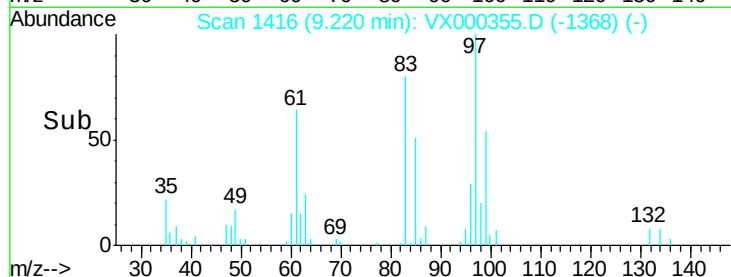
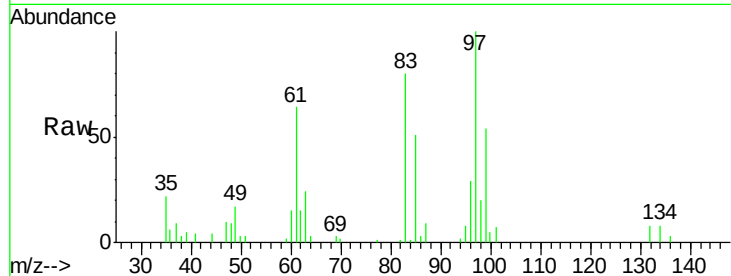
#55
1,1,2-Trichloroethane
Concen: 5.27 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	97	Resp:	7356
Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.9	101.9
85	51.5	42.8	64.2
99	53.9	49.4	74.2

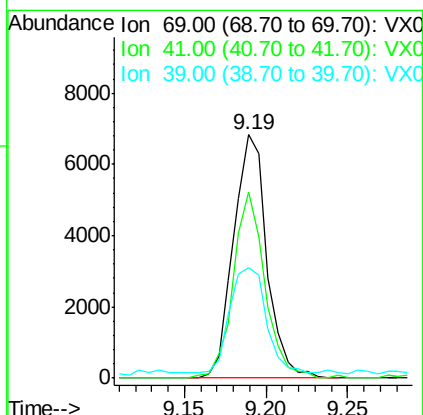
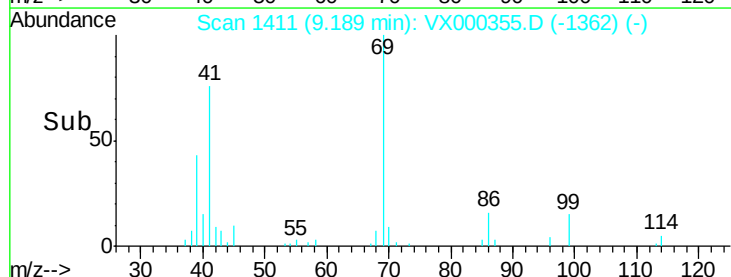
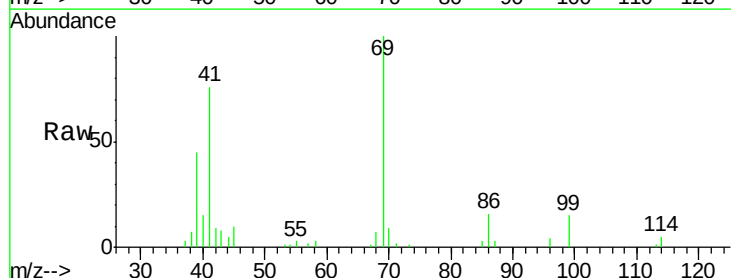
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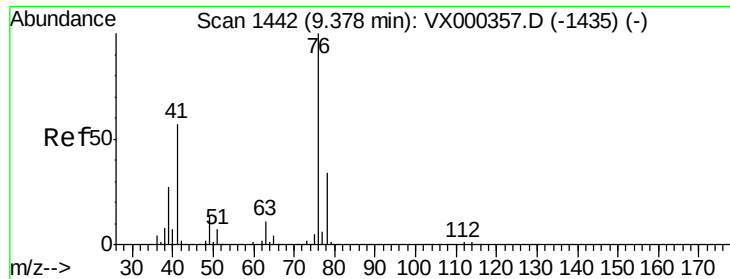
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#56
Ethyl methacrylate
Concen: 4.70 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:	69	Resp:	9711
Ion	Ratio	Lower	Upper
69	100		
41	72.4	53.0	79.6
39	47.3	35.3	52.9





#57

1,3-Dichloropropane

Concen: 5.46 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 12340

Ion Ratio Lower Upper

76 100

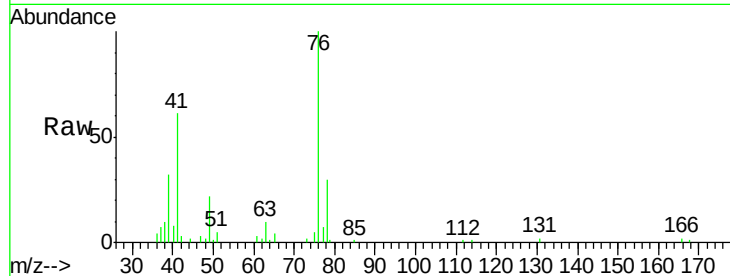
78 28.4 26.4 39.6

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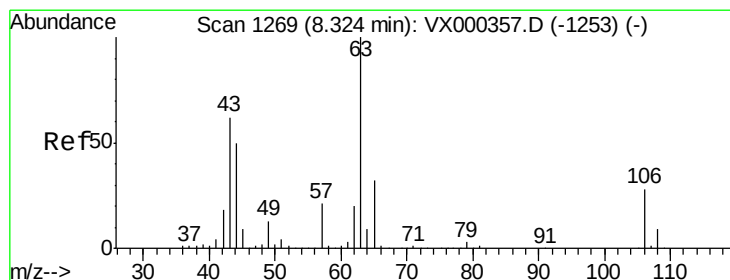
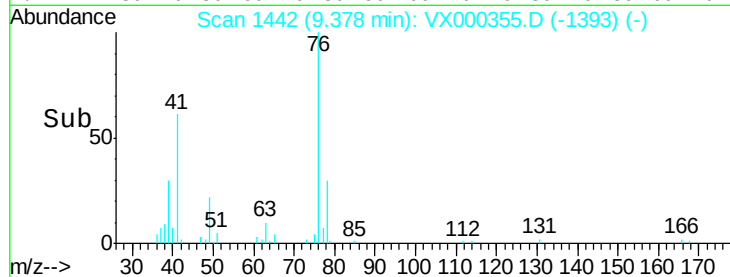
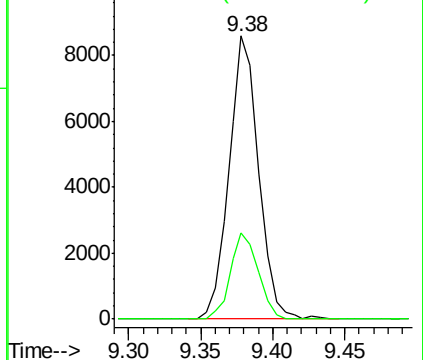
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 28.37 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000355.D

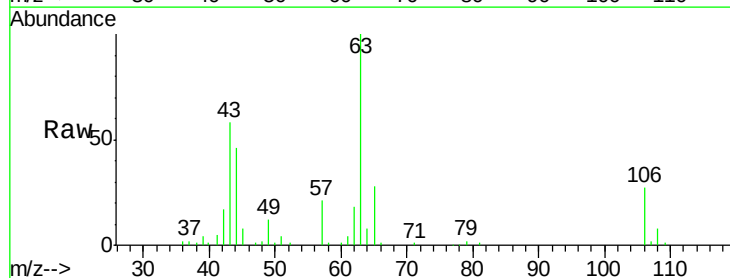
Acq: 20 Mar 2018 10:42

Tgt Ion: 63 Resp: 26961

Ion Ratio Lower Upper

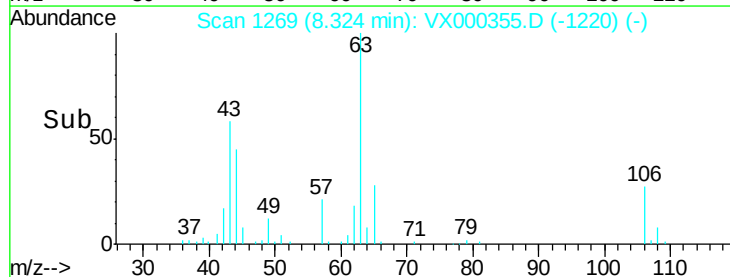
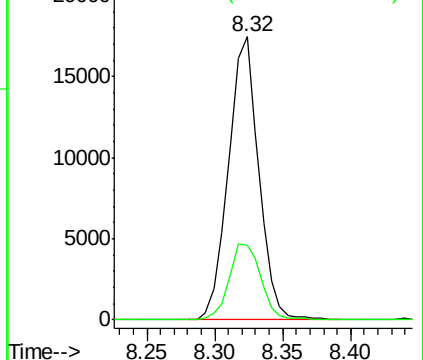
63 100

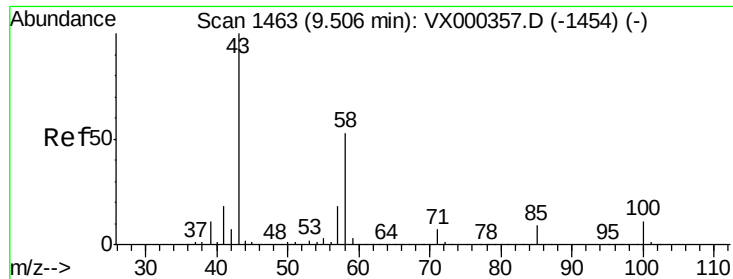
106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





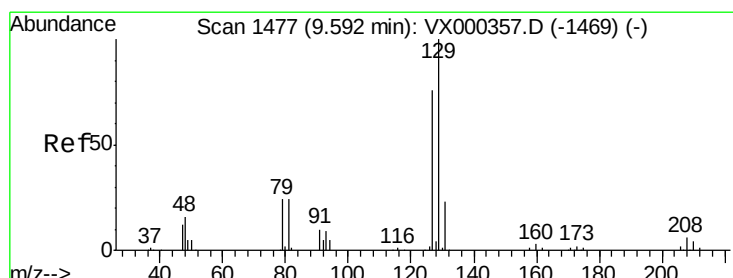
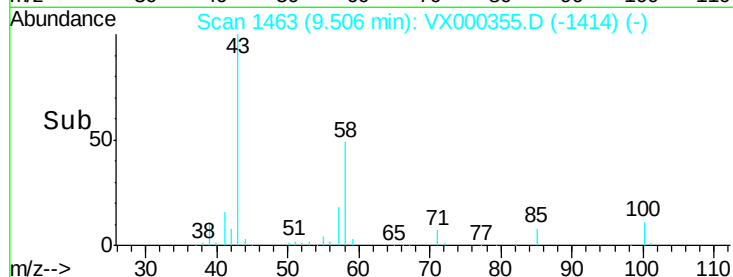
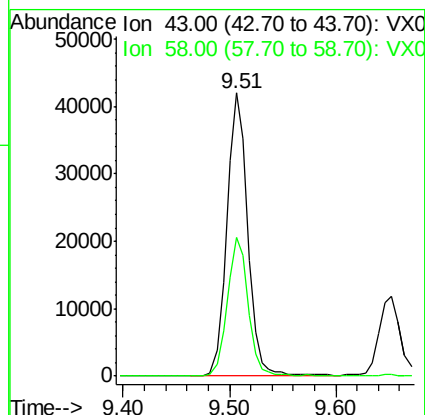
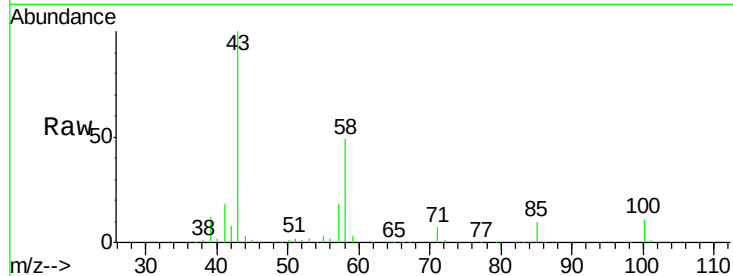
#59
2-Hexanone
Concen: 26.30 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 57614
Ion Ratio Lower Upper
43 100
58 48.8 26.6 79.7

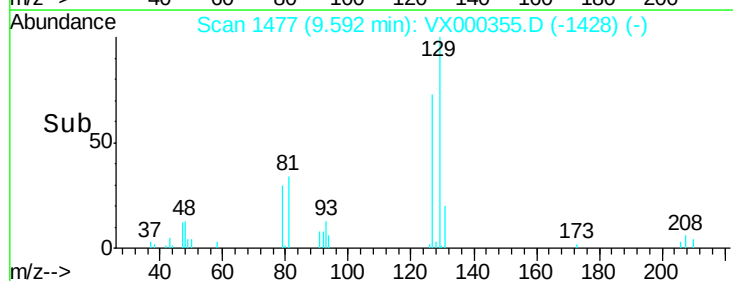
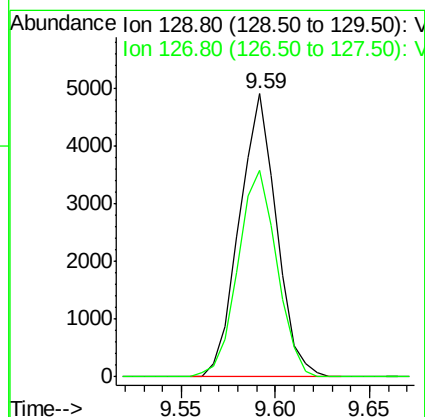
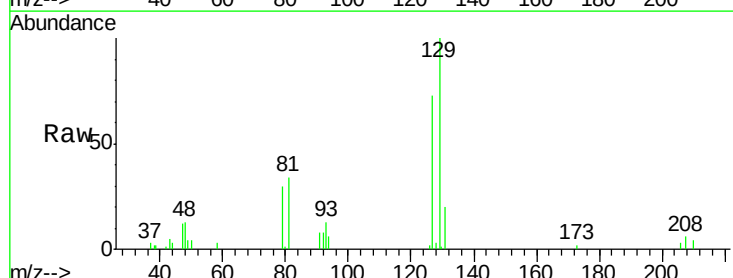
Manual Integrations
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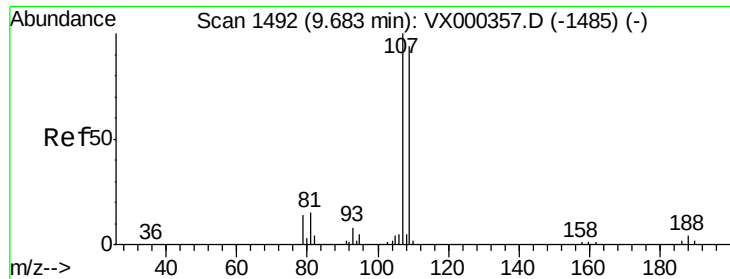
sam
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#60
Dibromochloromethane
Concen: 4.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 129 Resp: 6707
Ion Ratio Lower Upper
129 100
127 76.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 5.01 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 7744

Ion Ratio Lower Upper

107 100

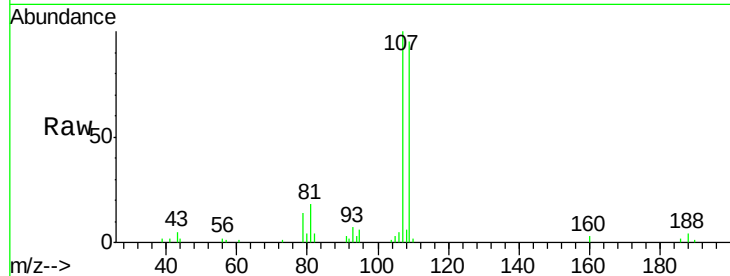
109 91.6 76.1 114.1

Manual Integrations

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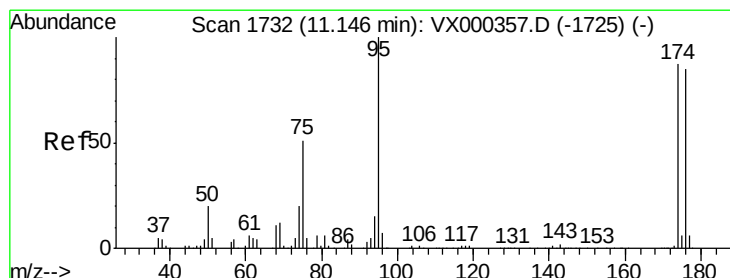
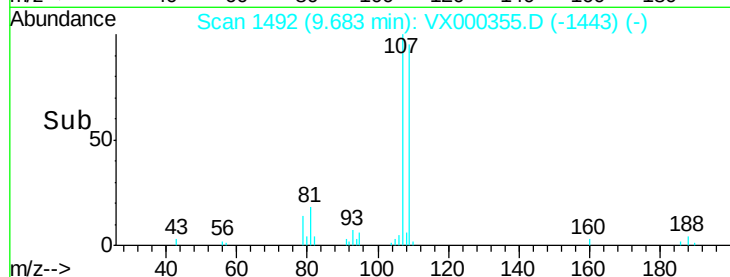
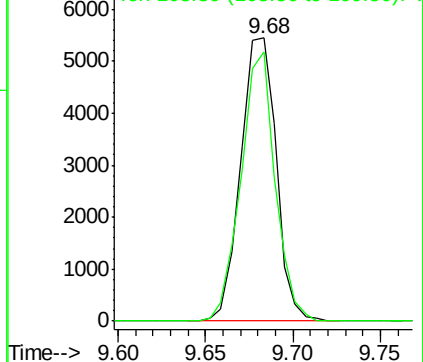
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

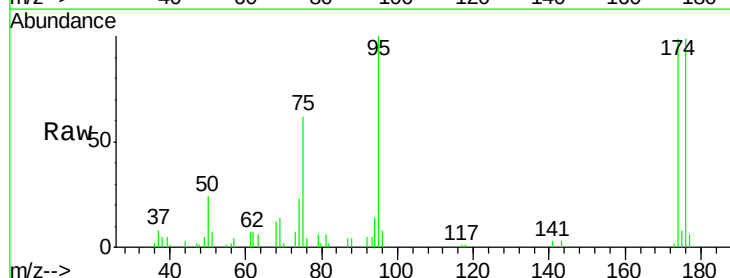
Tgt Ion: 95 Resp: 8491

Ion Ratio Lower Upper

95 100

174 97.1 0.0 173.6

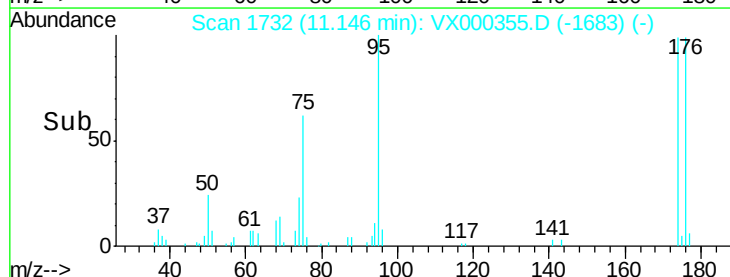
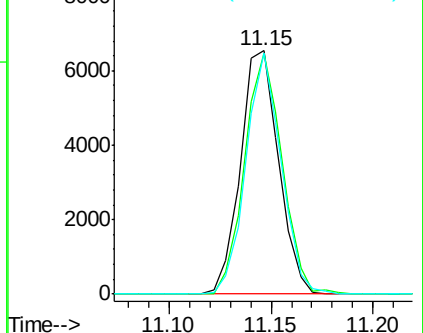
176 91.6 0.0 164.6

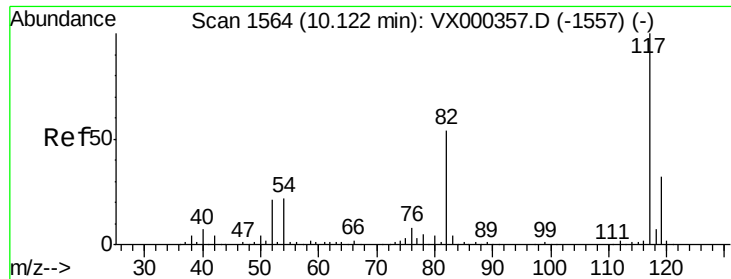


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





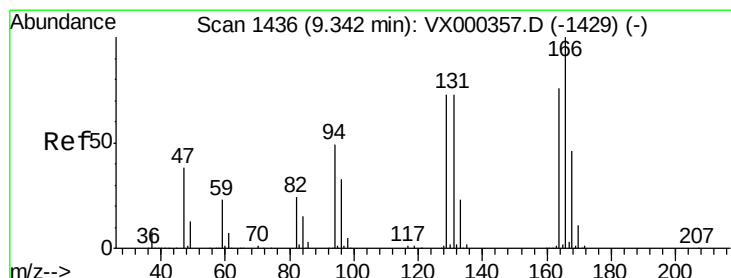
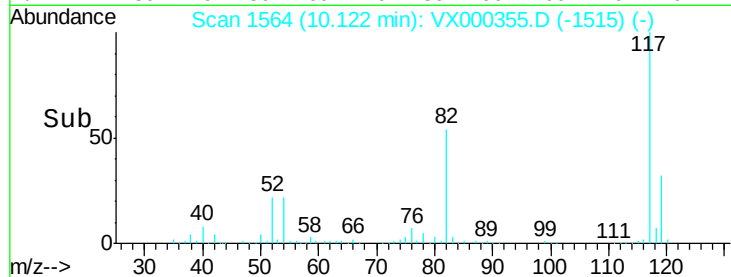
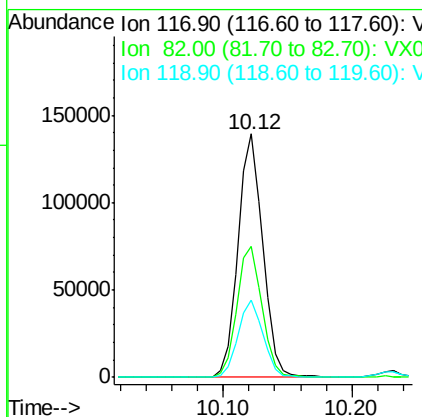
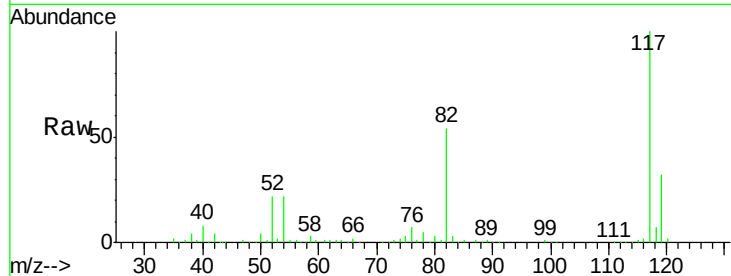
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.8
119	31.9	24.9	37.3

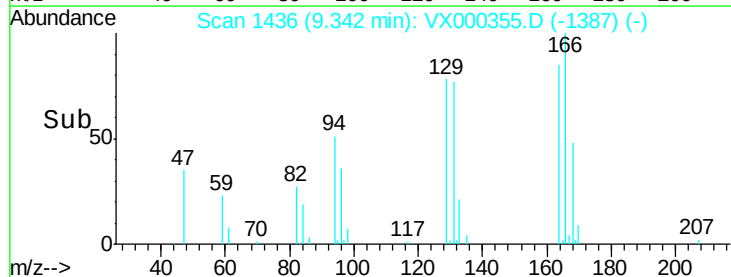
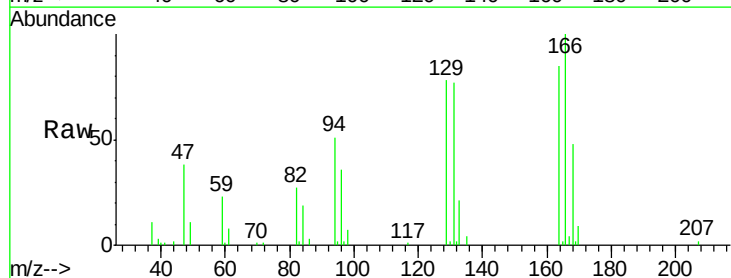
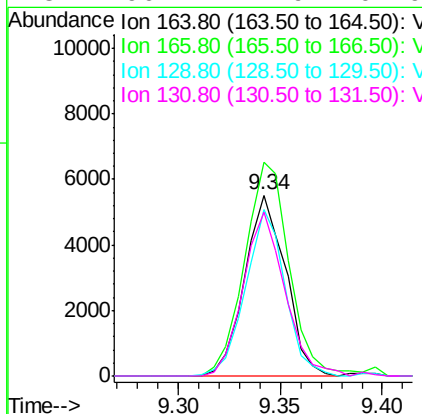
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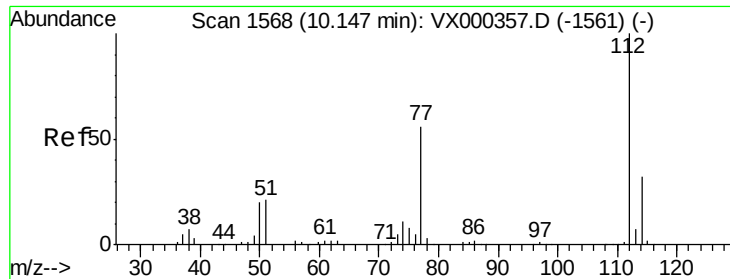
sam
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#64
Tetrachloroethene
Concen: 5.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.0	101.0	151.6
129	92.2	79.0	118.4
131	90.4	71.9	107.9





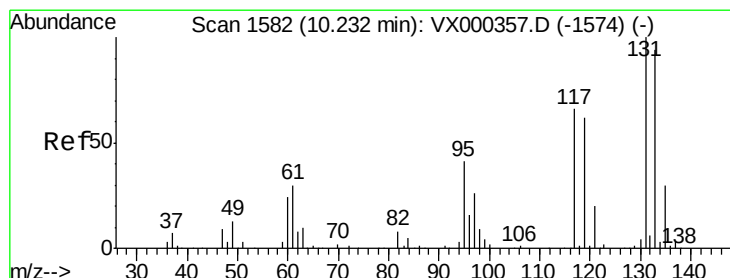
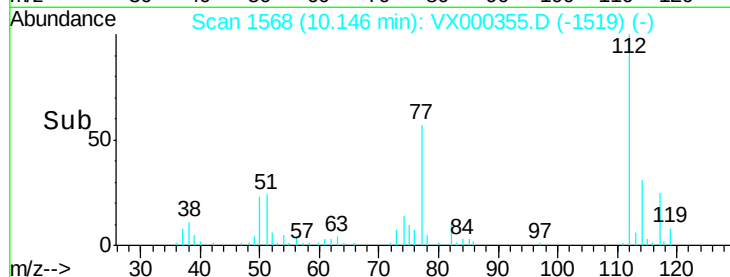
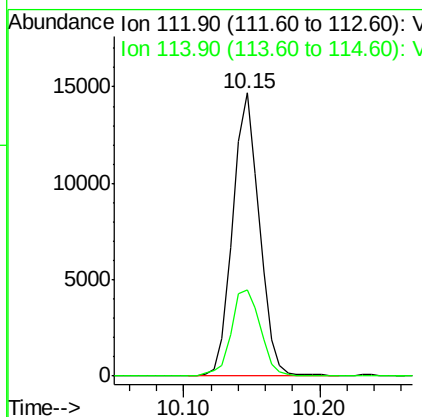
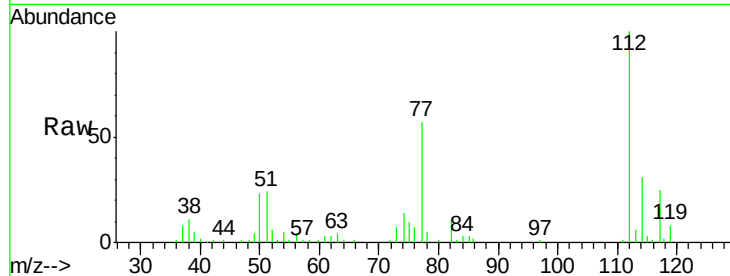
#65
Chlorobenzene
Concen: 5.30 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 20008
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5

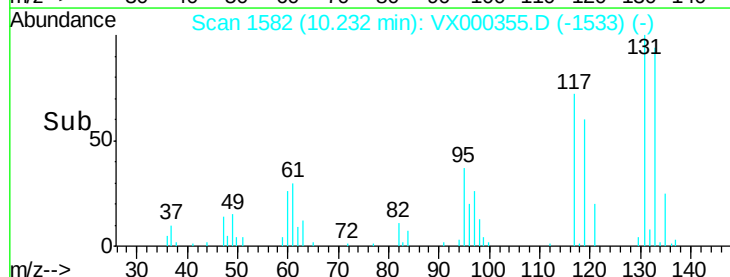
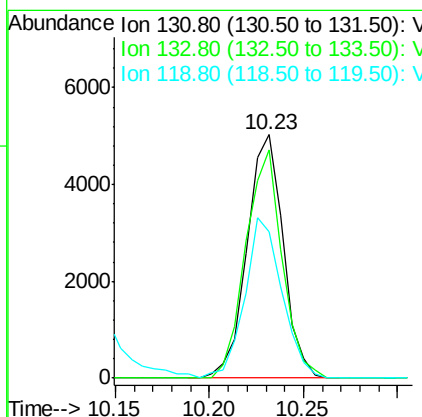
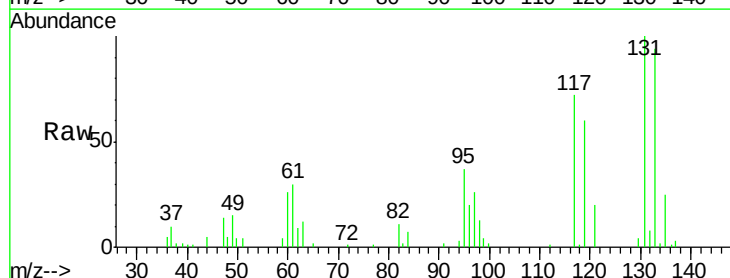
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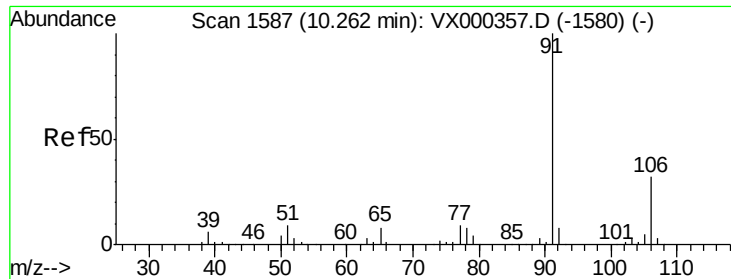
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.27 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:131 Resp: 6689
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 67.6 33.1 99.2





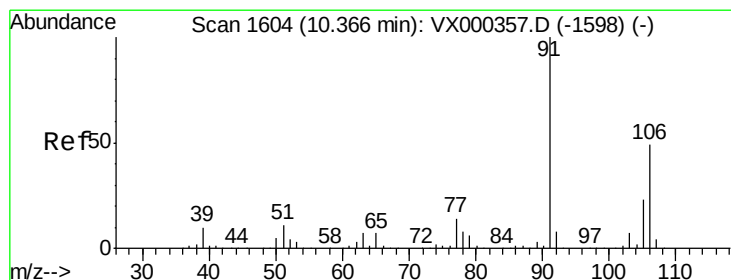
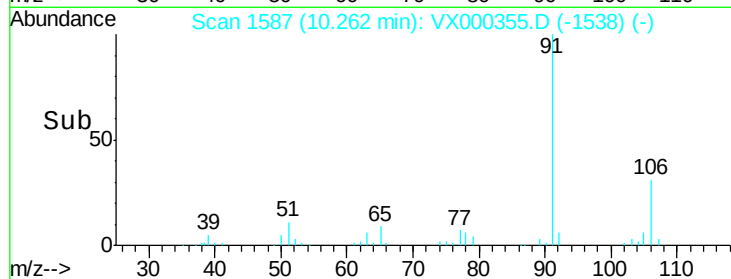
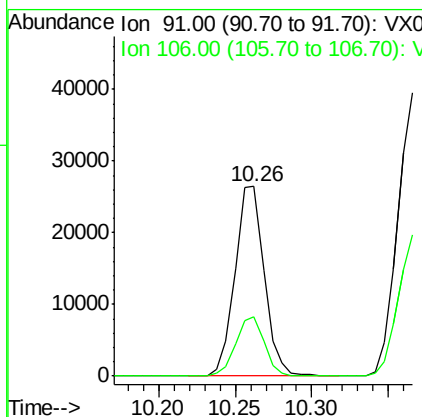
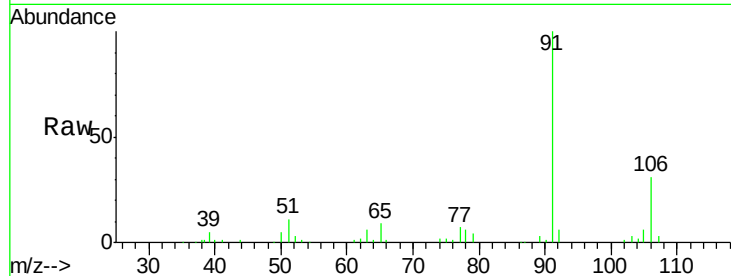
#67
Ethyl Benzene
Concen: 5.48 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 35243
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6

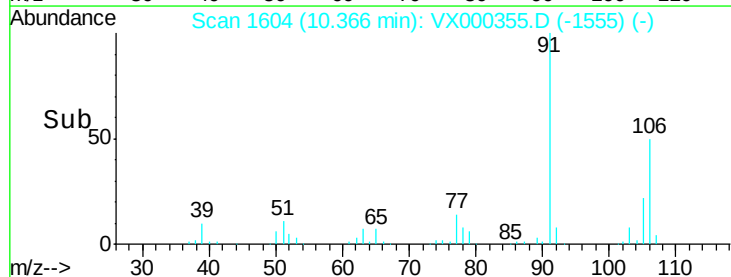
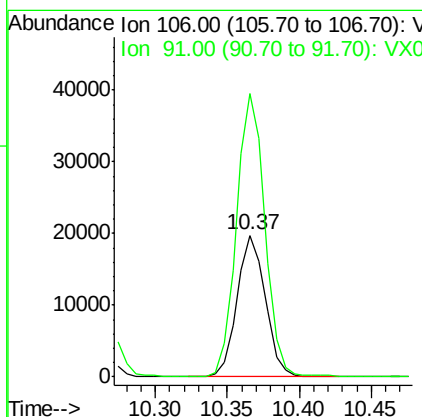
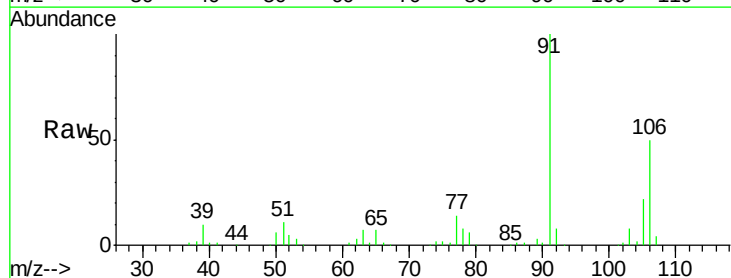
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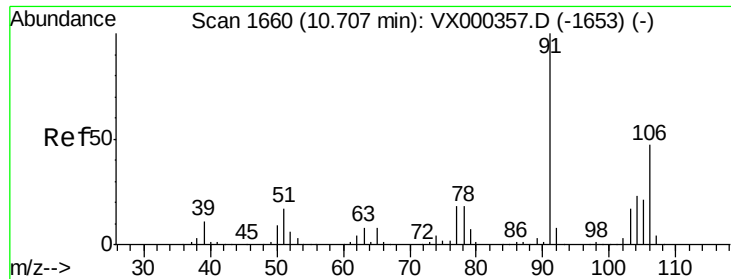
sam
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#68
m/p-Xylenes
Concen: 10.79 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 106 Resp: 27034
Ion Ratio Lower Upper
106 100
91 199.7 163.4 245.2





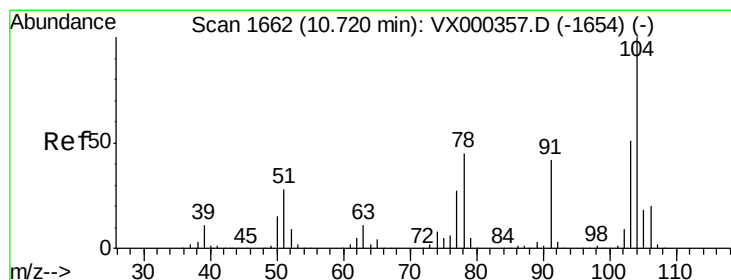
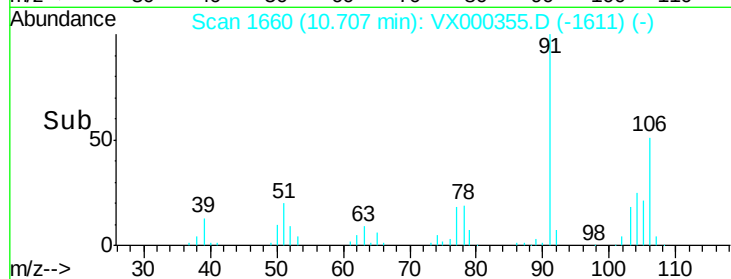
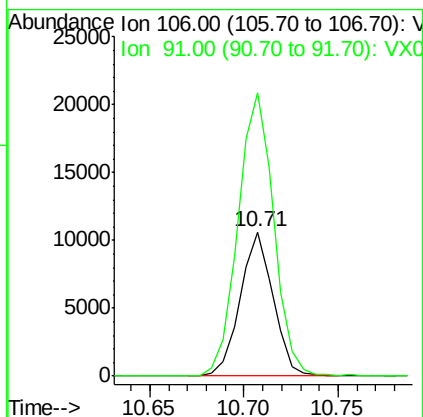
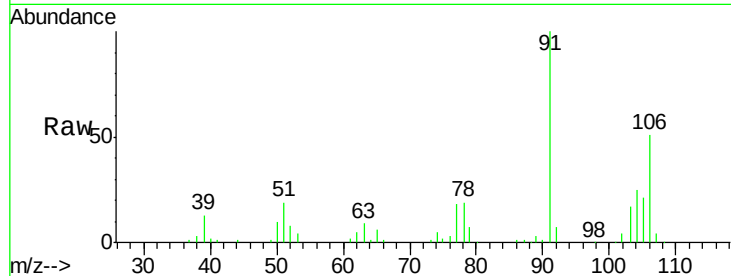
#69
o-Xylene
Concen: 5.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 12846
Ion Ratio Lower Upper
106 100
91 212.8 106.5 319.6

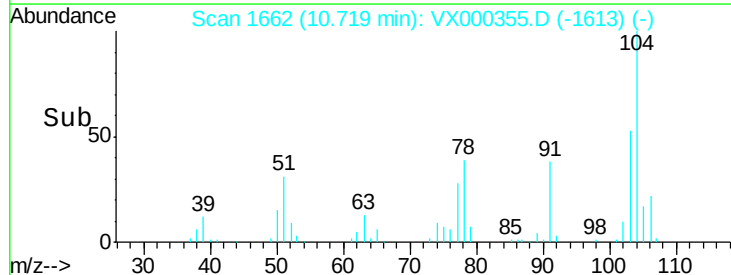
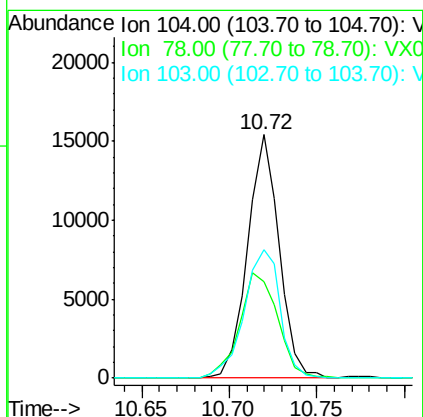
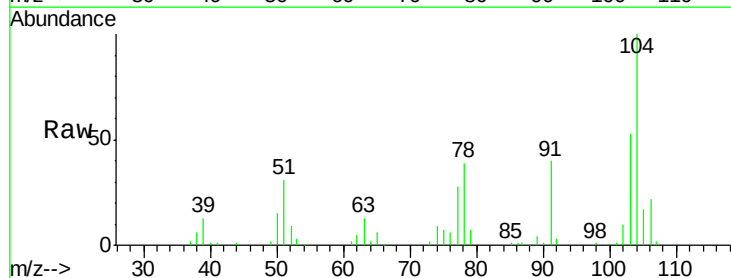
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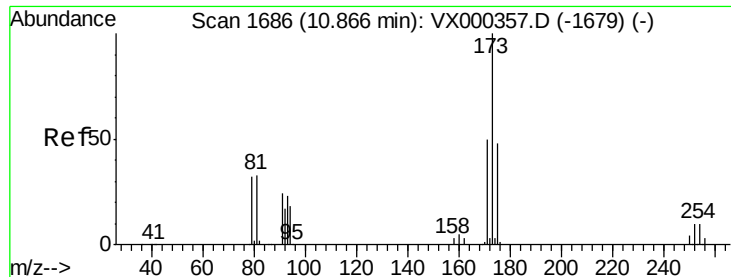
sam
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#70
Styrene
Concen: 4.80 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:104 Resp: 19392
Ion Ratio Lower Upper
104 100
78 52.0 40.5 60.7
103 60.7 45.7 68.5





#71

Bromoform

Concen: 4.53 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

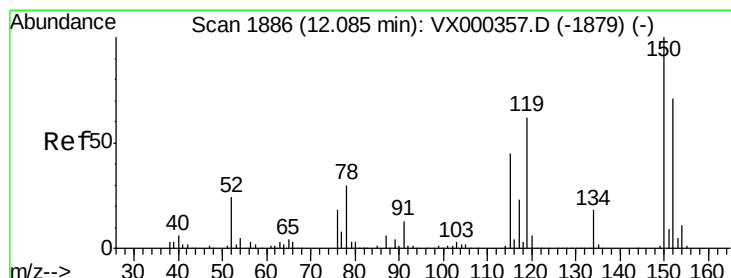
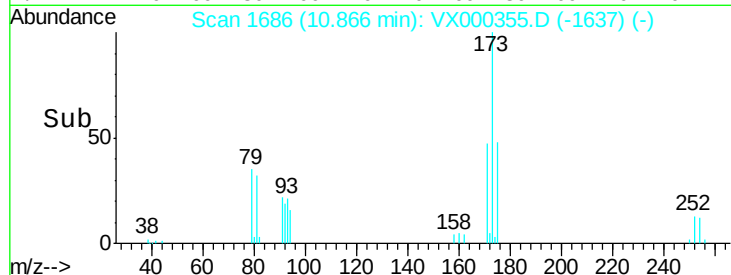
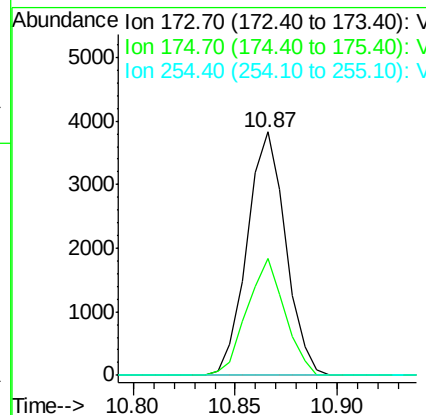
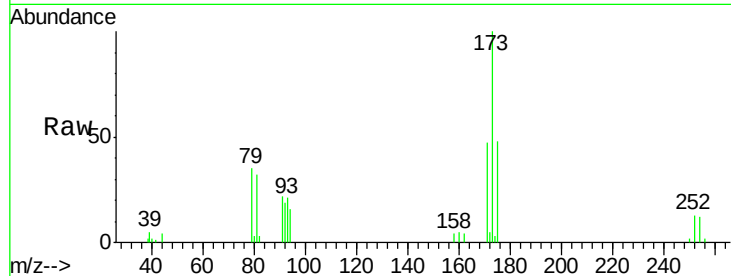
ClientSampled :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

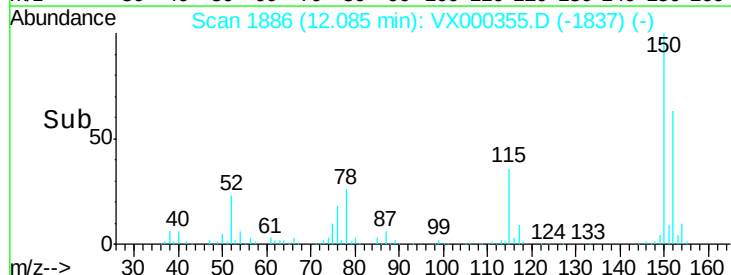
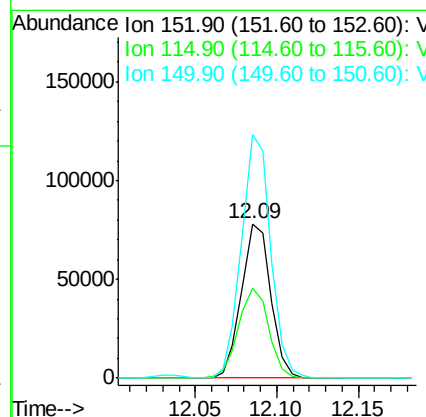
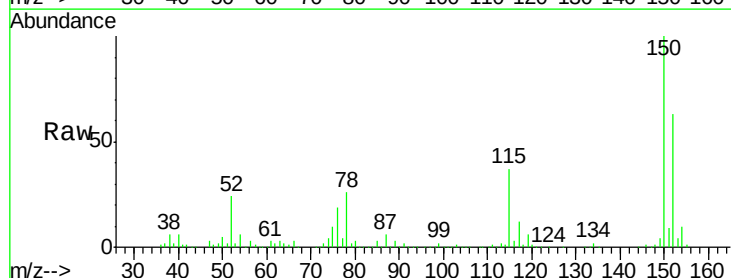
RT: 12.09 min Scan# 1886

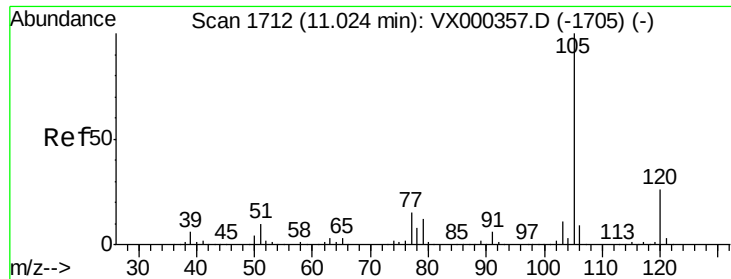
Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	39.8	119.3
150	158.2	0.0	344.4





#73

Isopropylbenzene

Concen: 5.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 34027

Ion Ratio Lower Upper

105 100

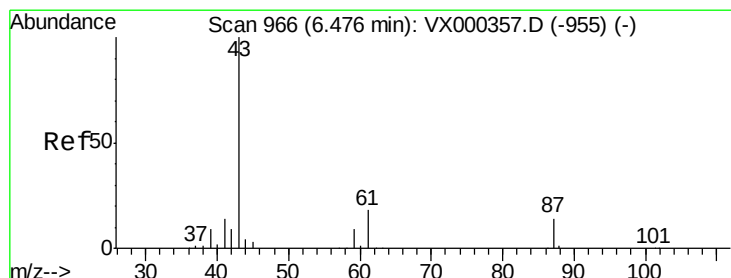
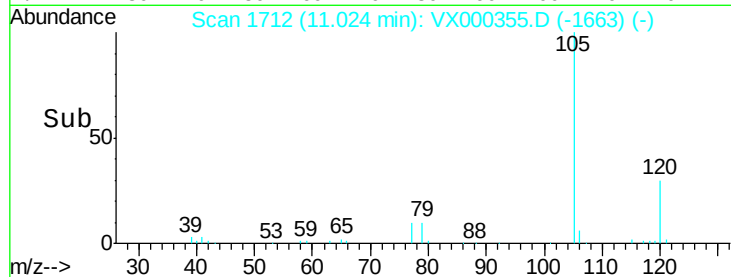
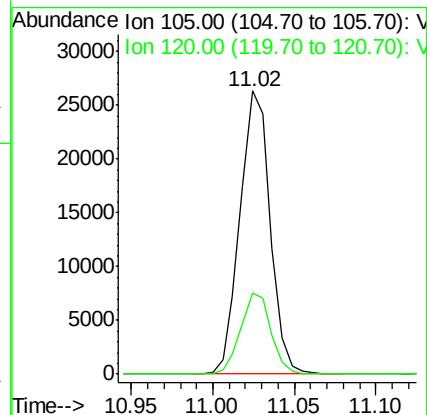
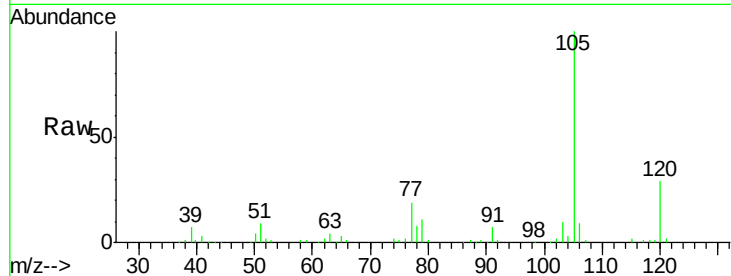
120 28.6 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 6.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion: 43 Resp: 17339

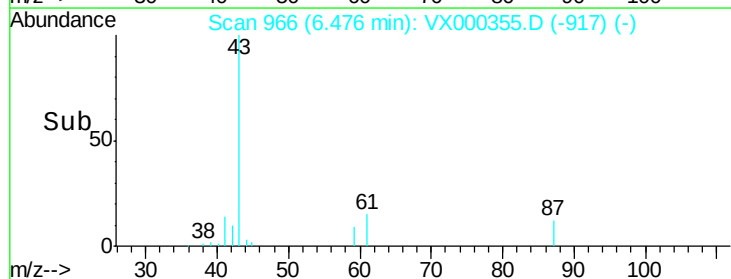
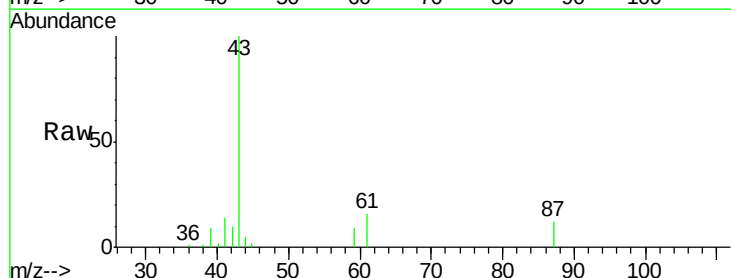
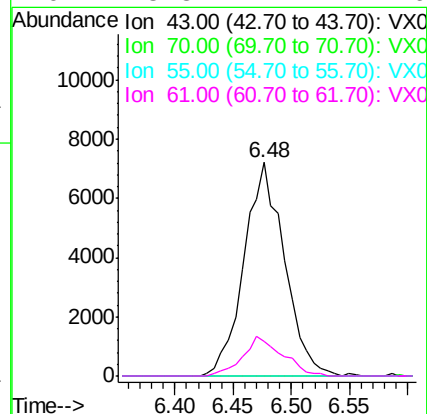
Ion Ratio Lower Upper

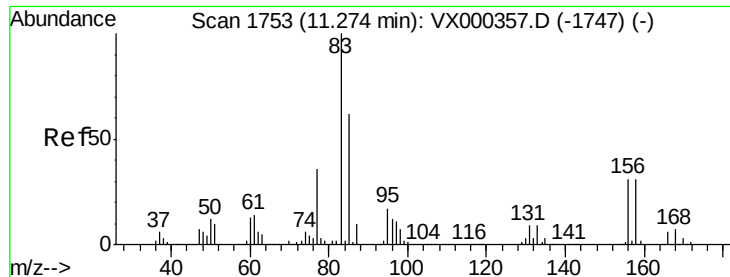
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

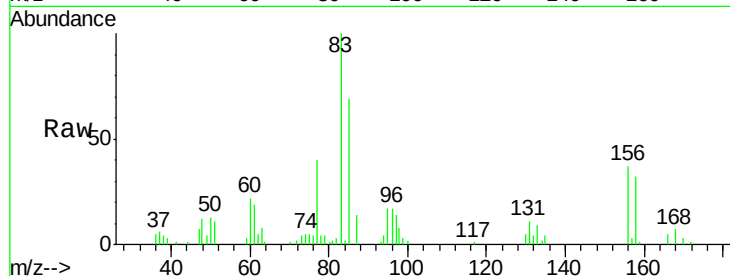
ClientSampleId :

VSTDIC005

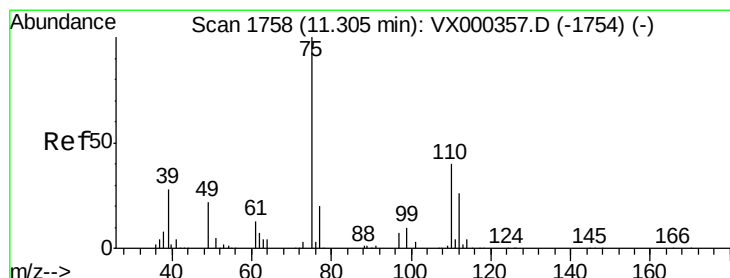
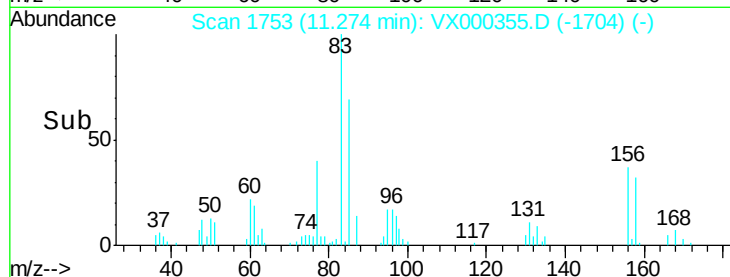
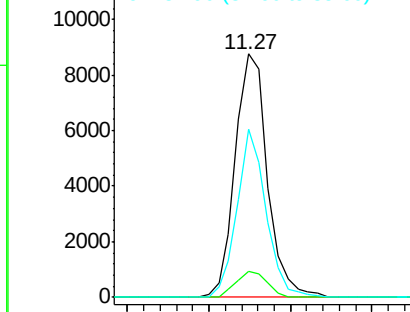
Tot Ion:	83	Resp:	12078
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	62.1	32.5	97.5

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



#76

1,2,3-Trichloropropane

Concen: 5.59 ug/l m

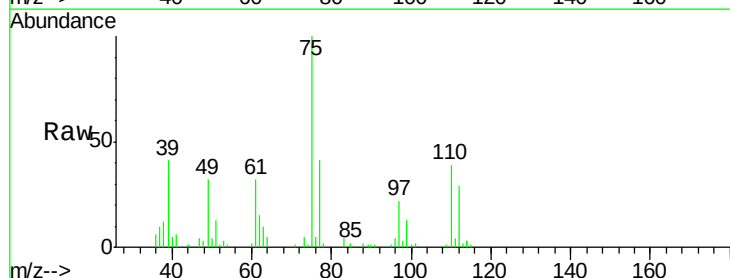
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

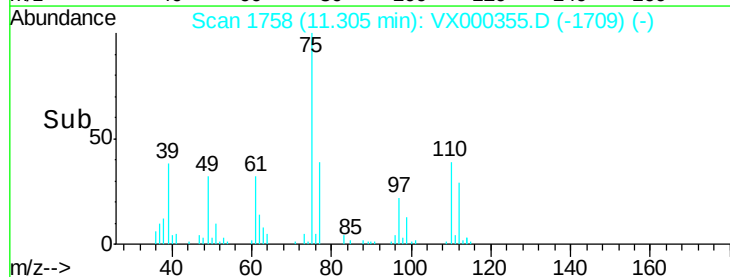
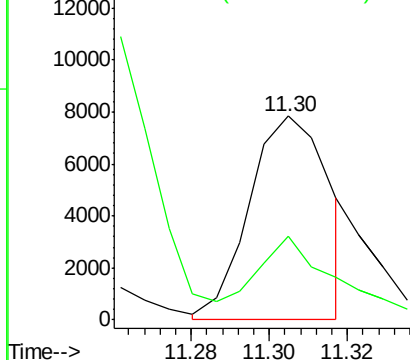
Lab File: VX000355.D

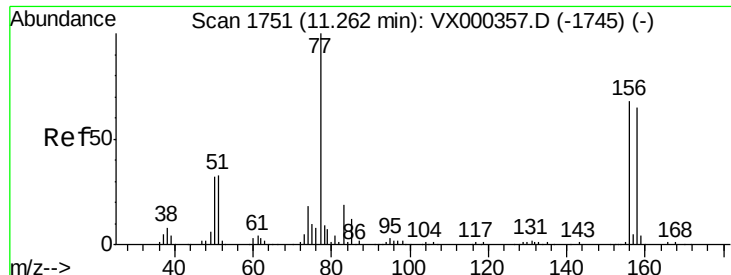
Acq: 20 Mar 2018 10:42

Tgt Ion:	75	Resp:	11014
Ion	Ratio	Lower	Upper
75	100		
77	41.8	21.4	64.2



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





#77

Bromobenzene

Concen: 5.95 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

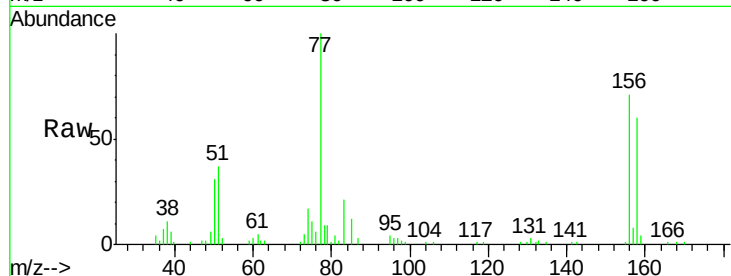
ClientSampled :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.7	73.4	220.2
158	93.6	48.5	145.6

Manual Integrations
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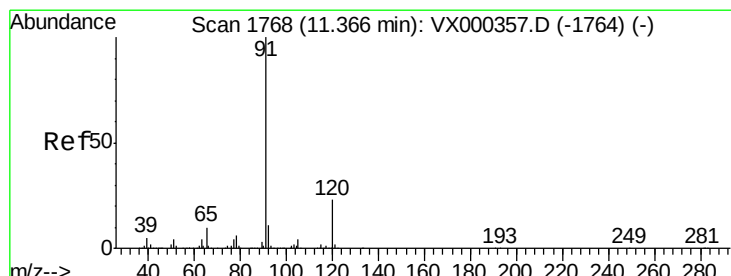
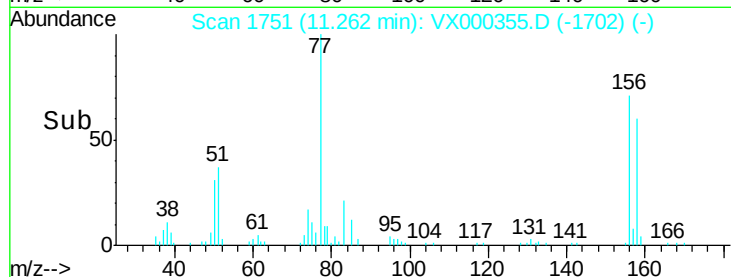
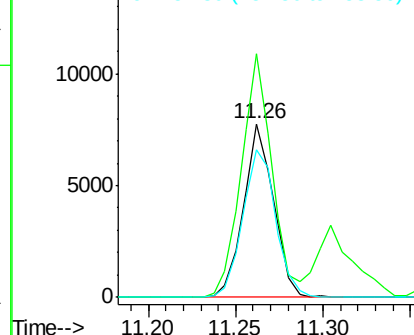
sam
3/21/2018 11:44:02 AM



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: 5.67 ug/l

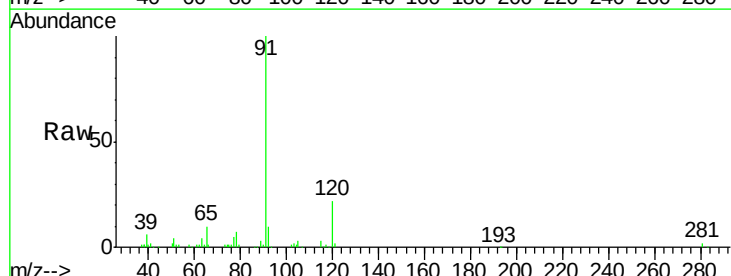
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000355.D

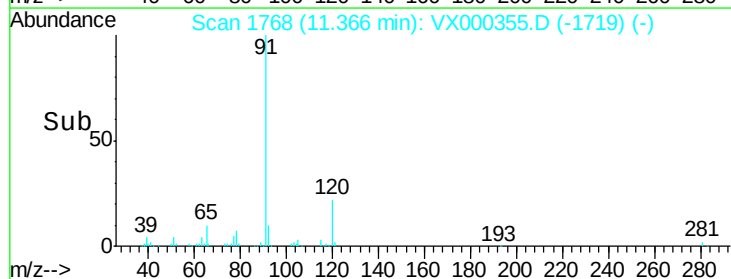
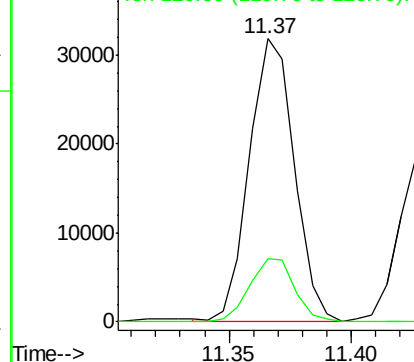
Acq: 20 Mar 2018 10:42

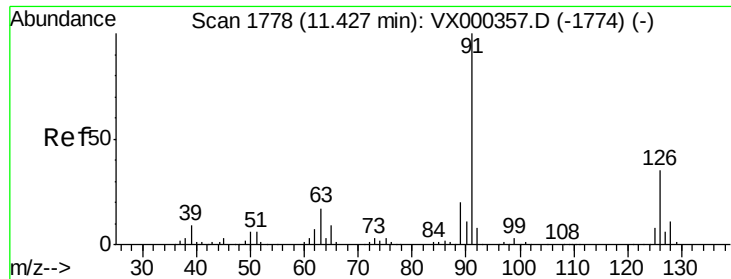
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





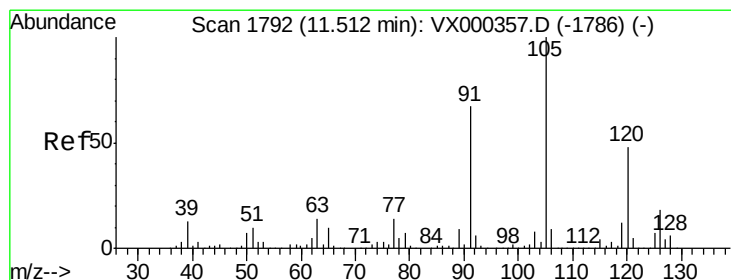
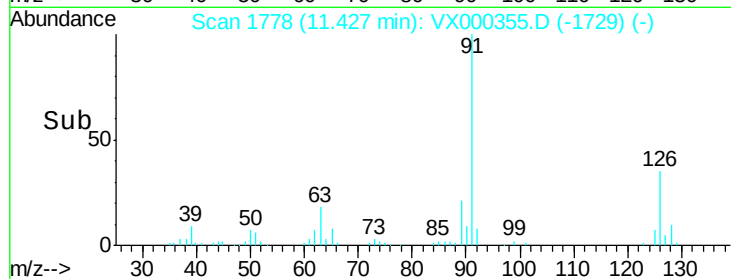
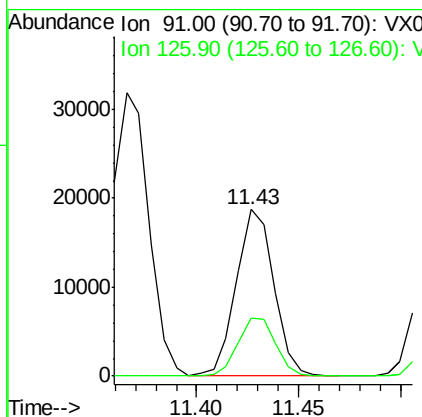
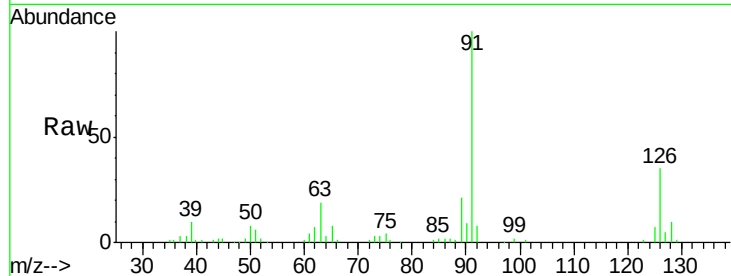
#79
 2-Chlorotoluene
 Concen: 5.96 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 24058
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1

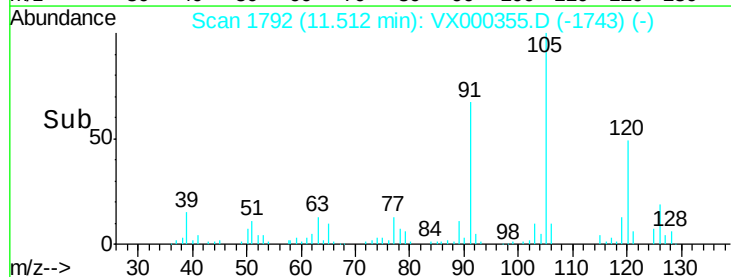
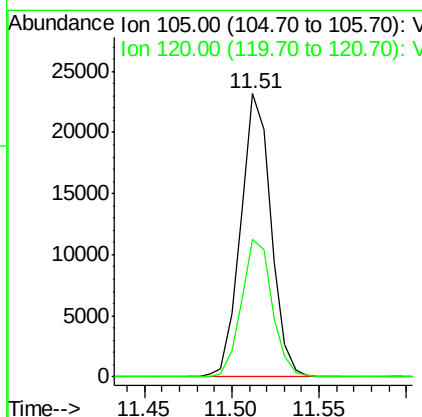
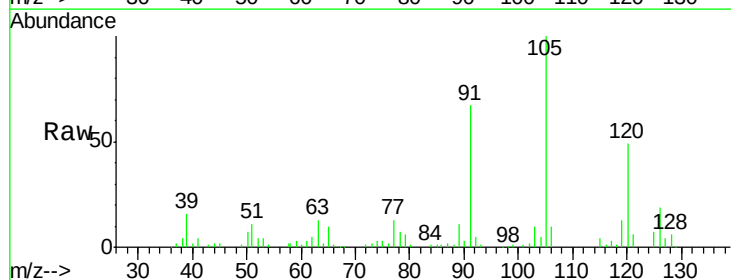
Manual Integrations
 APPROVED

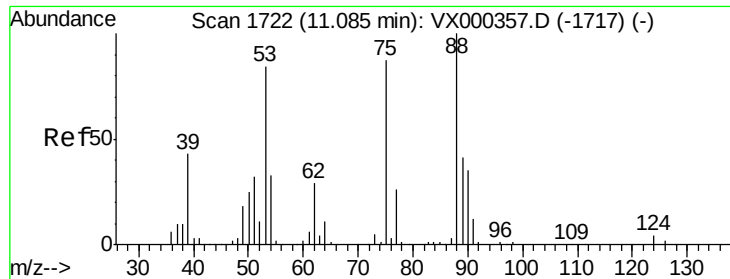
sam
 3/21/2018 11:44:02 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 5.53 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 105 Resp: 27801
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.4





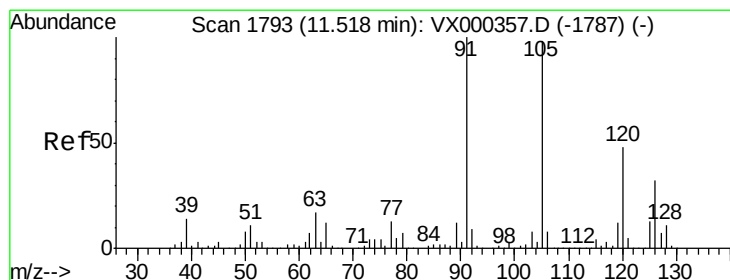
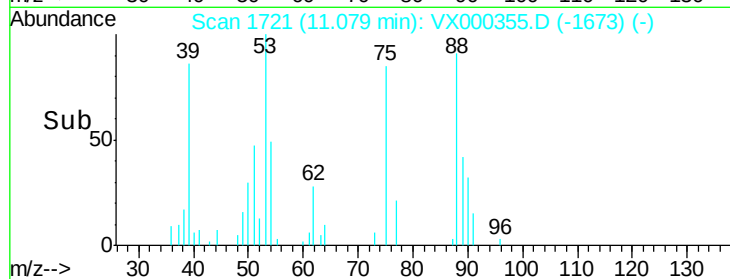
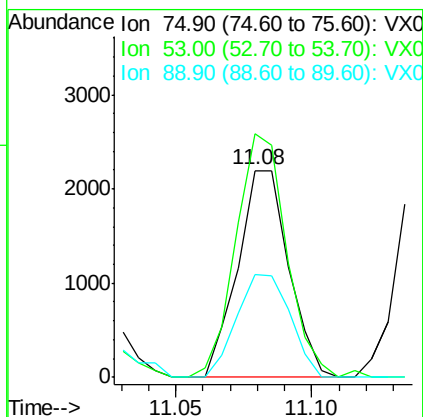
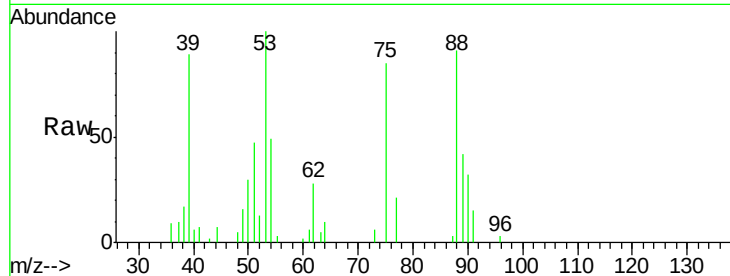
#81
trans-1,4-Dichloro-2-butene
Concen: 4.93 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.6	80.7	121.1
89	52.1	39.4	59.0

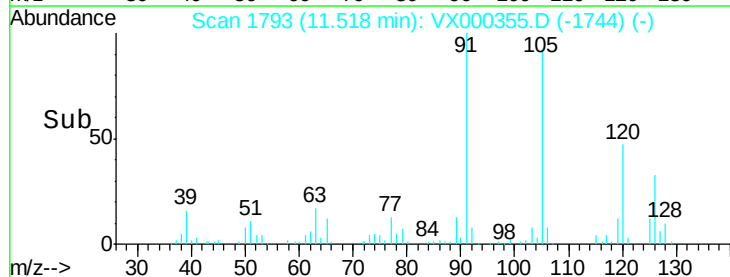
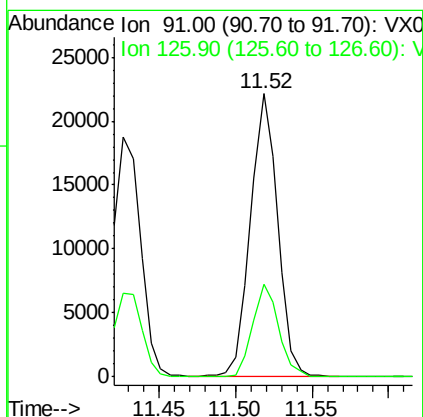
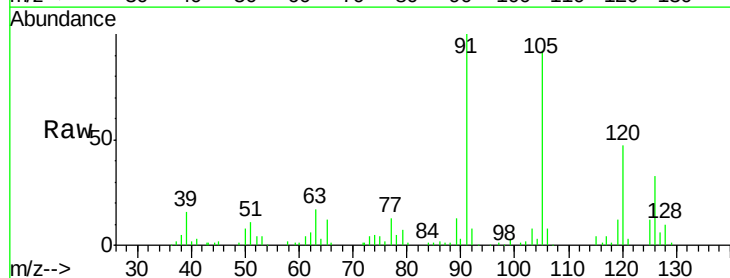
Manual Integrations
APPROVED

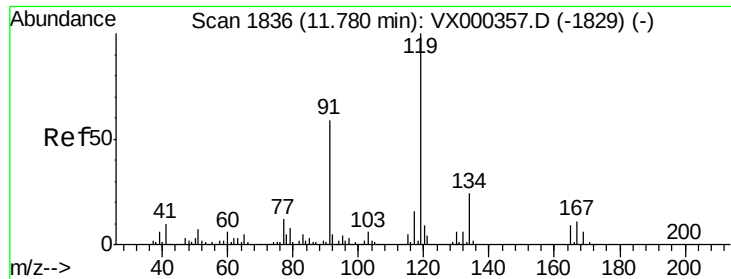
sam
3/21/2018 11:44:02 AM



#82
4-Chlorotoluene
Concen: 5.54 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.1





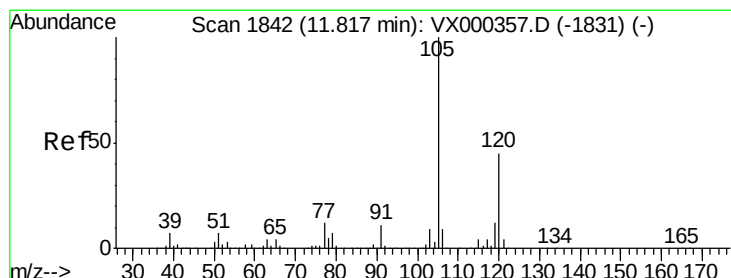
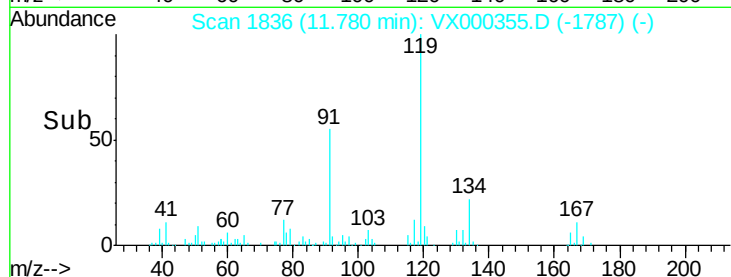
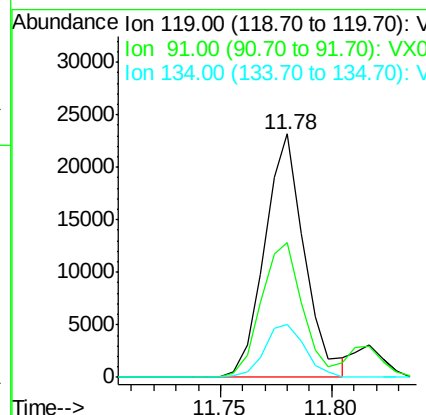
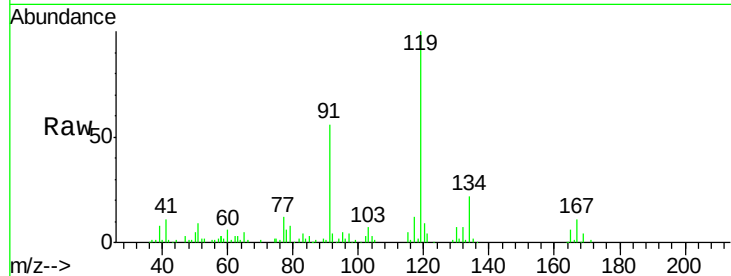
#83
 tert-Butylbenzene
 Concen: 5.87 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.8	86.4
134	22.0	11.4	34.1

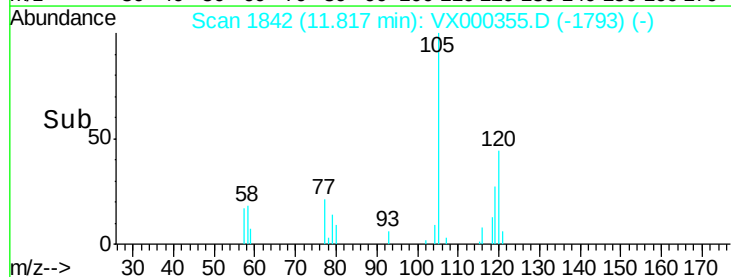
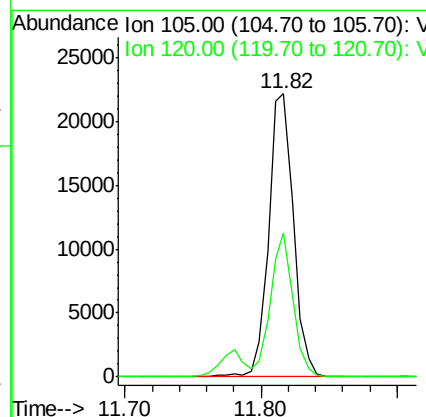
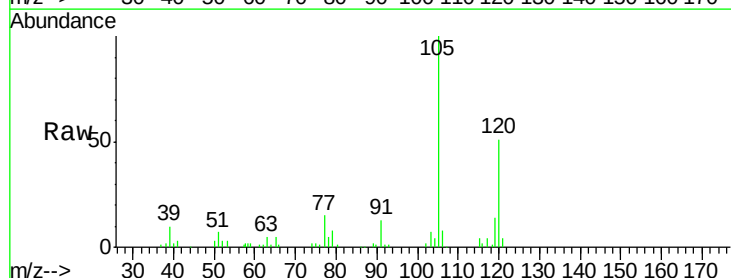
Manual Integrations
 APPROVED

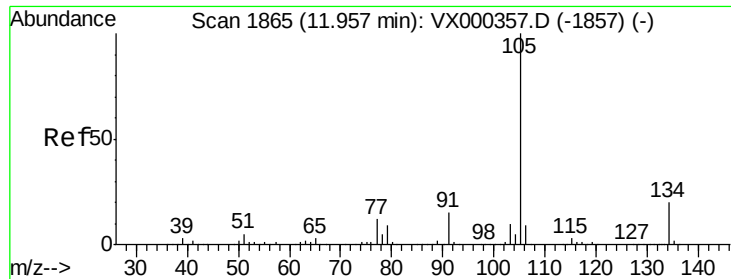
sam
 3/21/2018 11:44:02 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 5.50 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.3





#85

sec-Butylbenzene

Concen: 5.67 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 34788

Ion Ratio Lower Upper

105 100

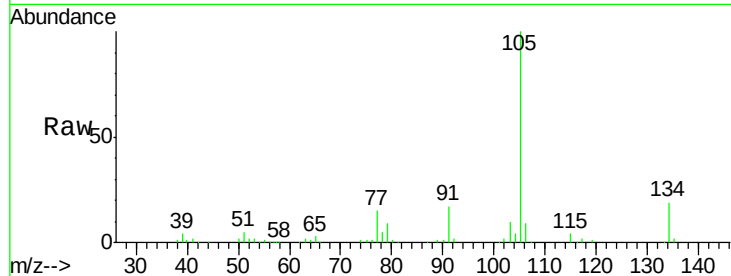
134 19.5 10.3 30.8

Manual Integrations

APPROVED

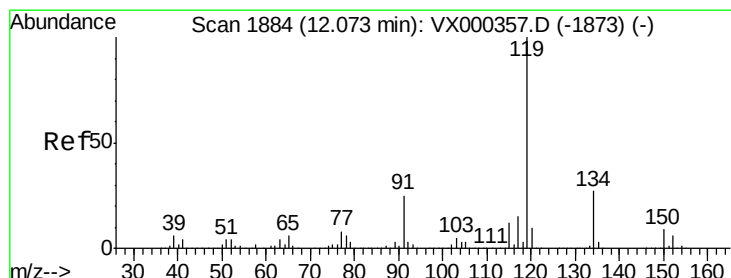
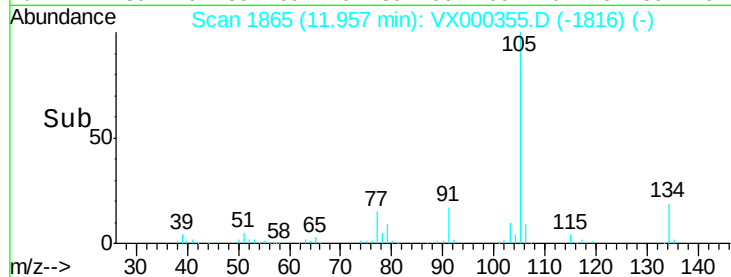
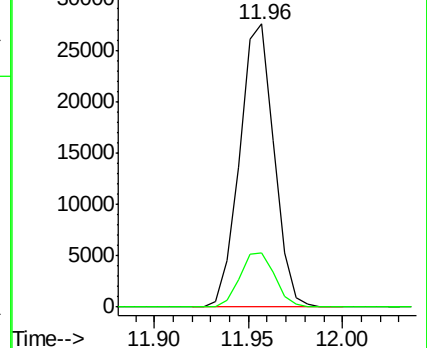
sam

3/21/2018 11:44:02 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.63 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

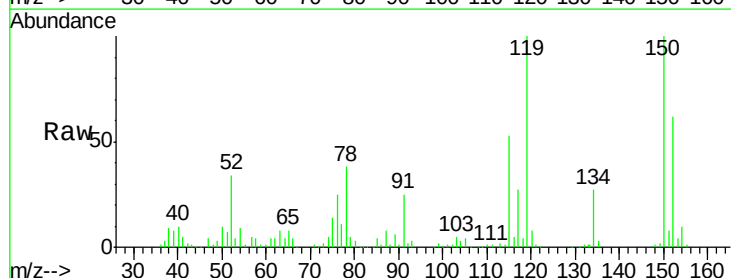
Tgt Ion:119 Resp: 30730

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

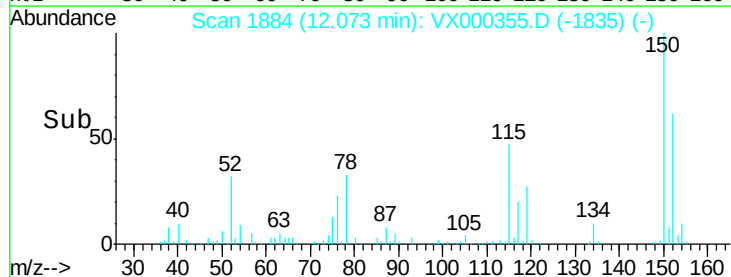
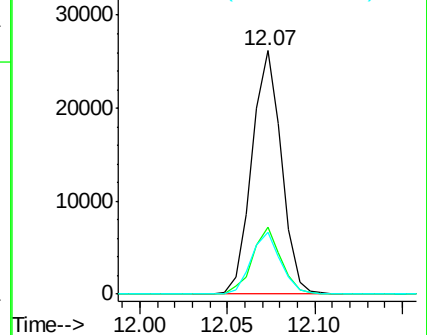
91 25.9 12.0 36.1

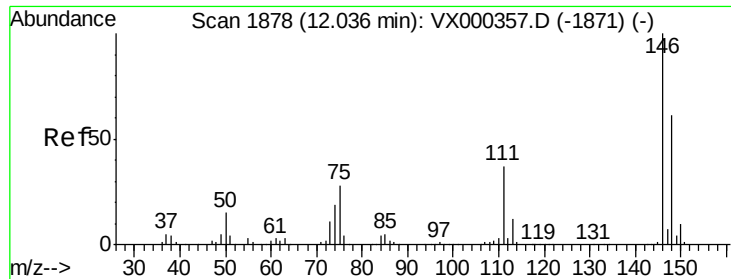


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





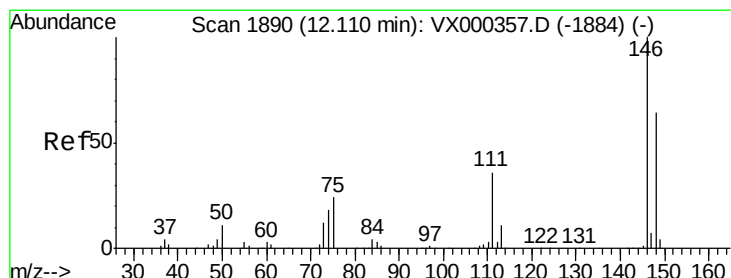
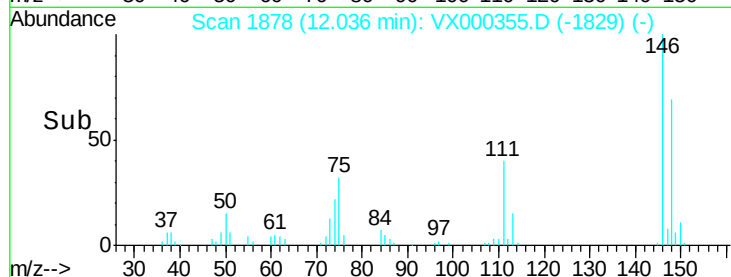
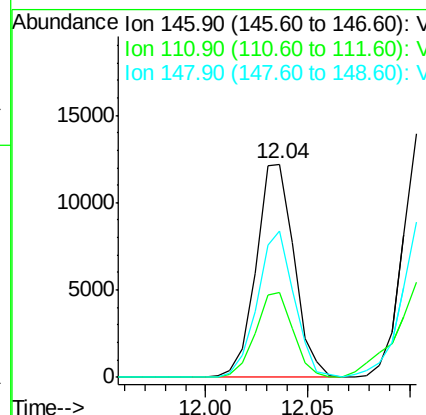
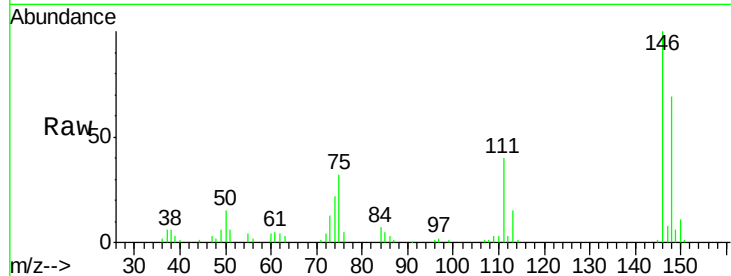
#87
 1,3-Dichlorobenzene
 Concen: 5.21 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	66.1	32.4	97.0

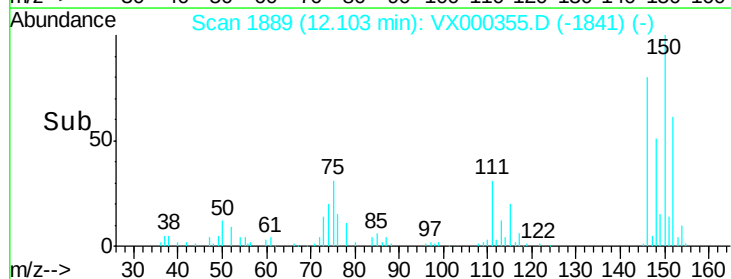
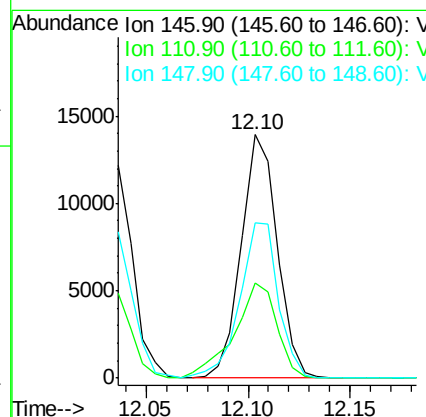
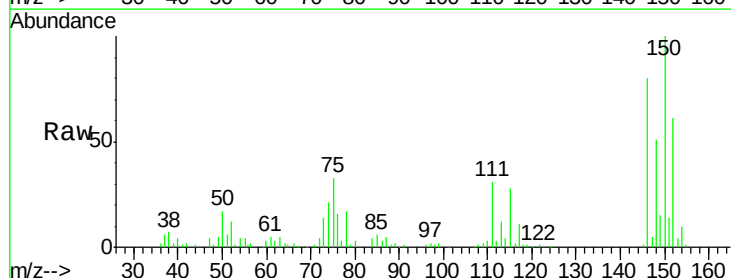
Manual Integrations
 APPROVED

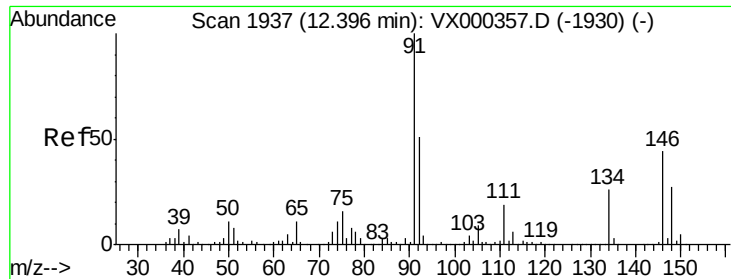
sam
 3/21/2018 11:44:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 5.41 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	18.9	56.9
148	67.9	31.0	93.0





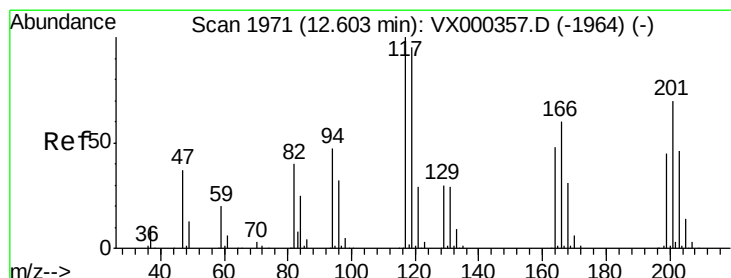
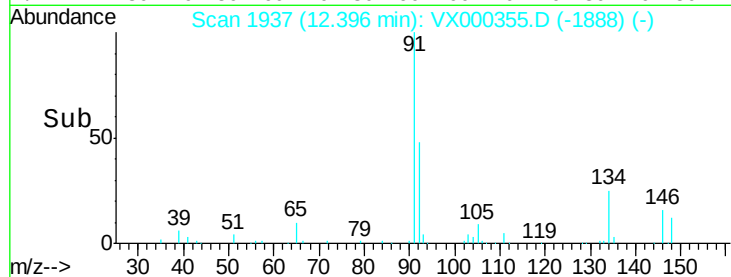
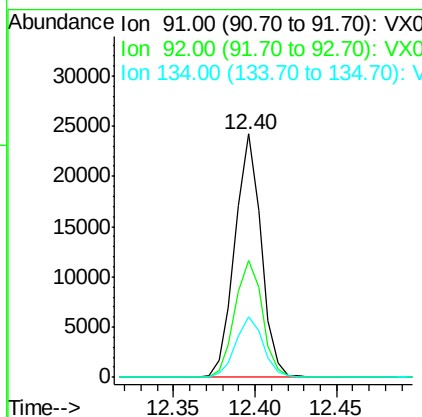
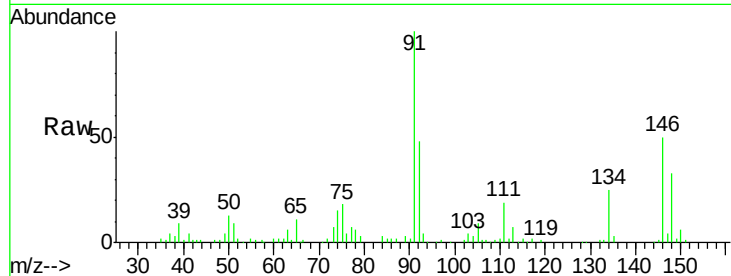
#89
n-Butylbenzene
Concen: 5.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.9	77.8
134	25.6	13.1	39.3

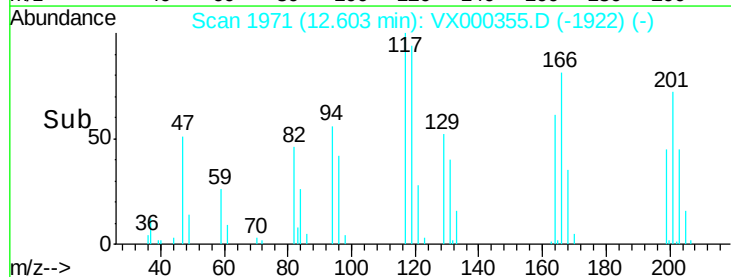
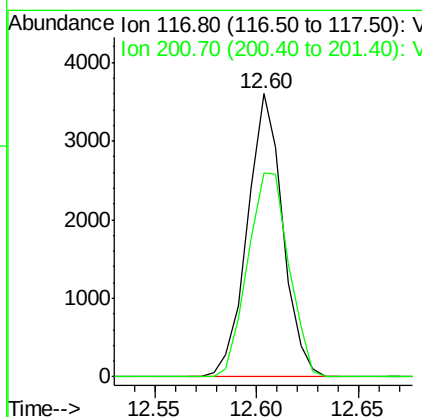
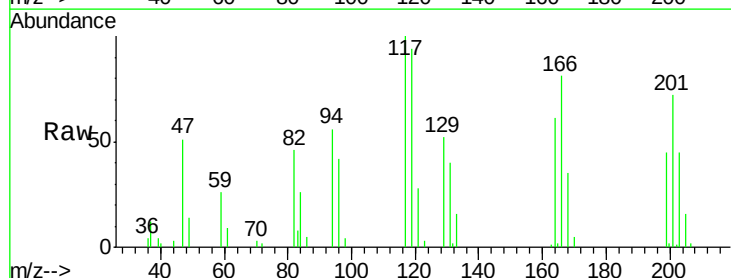
Manual Integrations
APPROVED

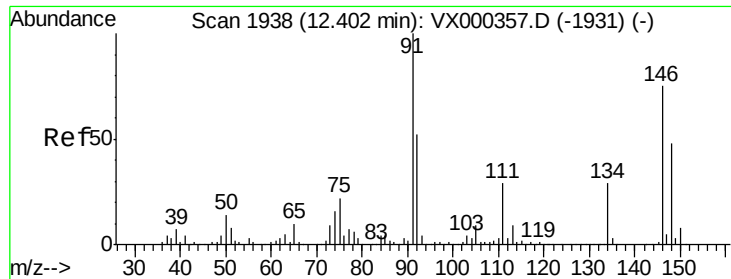
sam
3/21/2018 11:44:02 AM



#90
Hexachloroethane
Concen: 4.96 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	37.9	113.6





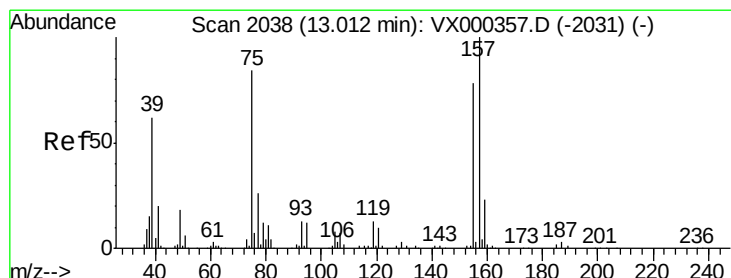
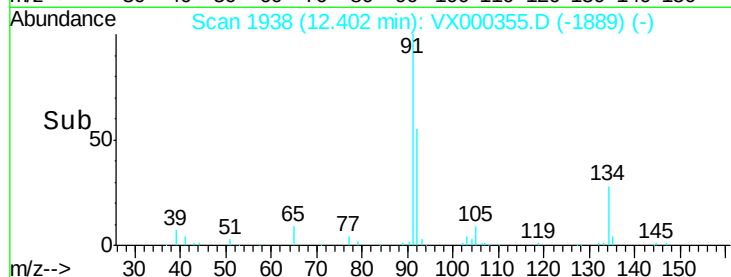
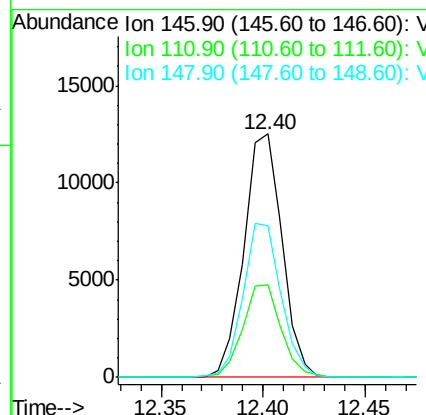
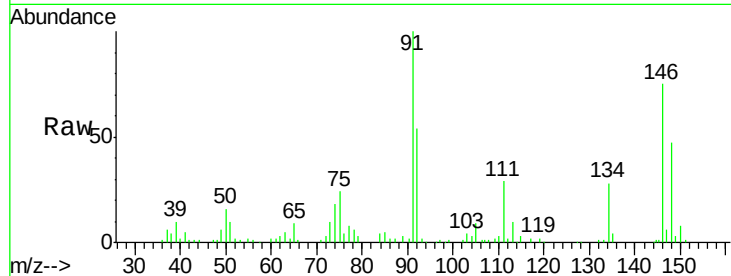
#91
 1,2-Dichlorobenzene
 Concen: 5.53 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.1	60.2
148	63.2	31.2	93.6

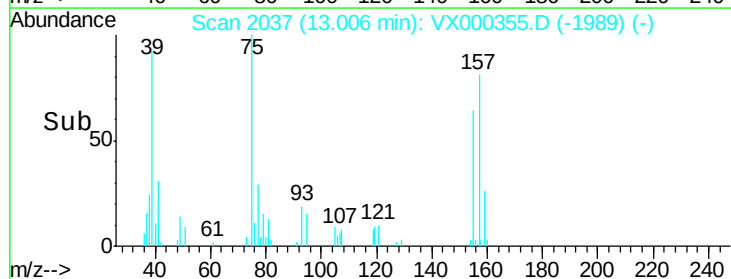
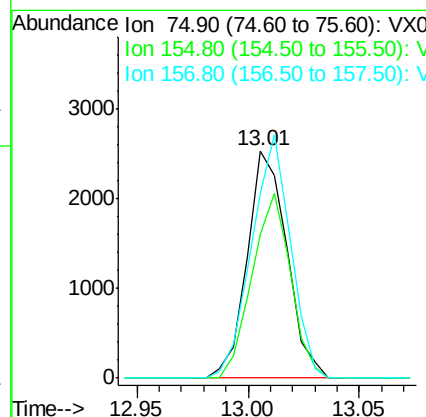
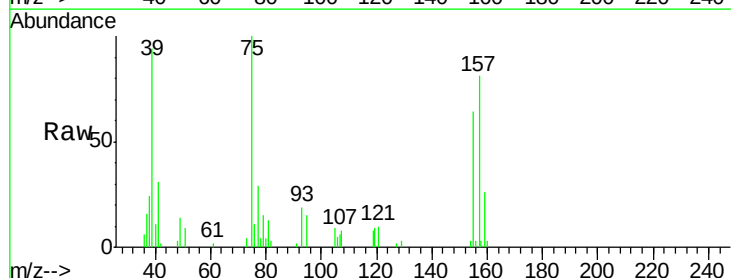
Manual Integrations
 APPROVED

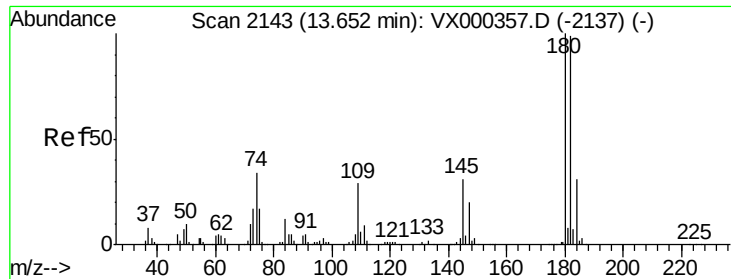
sam
 3/21/2018 11:44:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.56 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	45.0	134.8
157	104.5	58.1	174.2





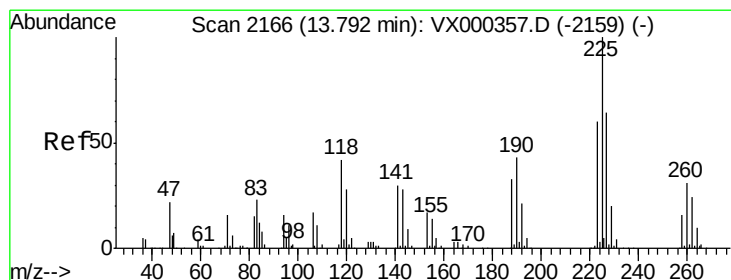
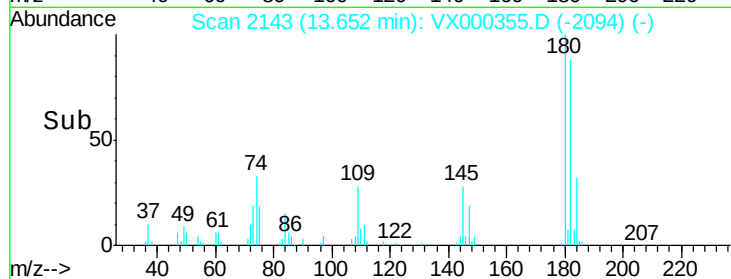
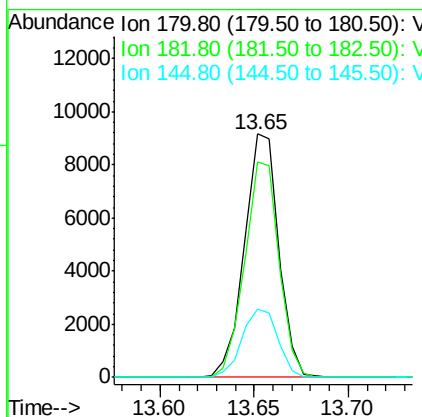
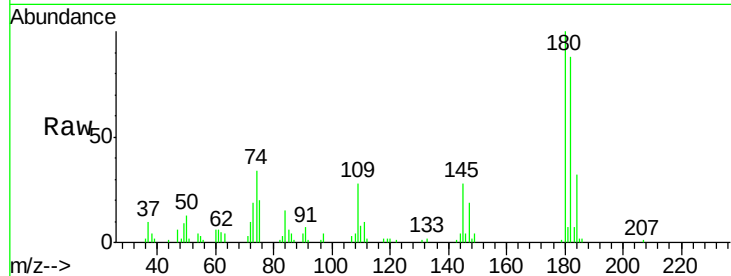
#93
 1,2,4-Trichlorobenzene
 Concen: 5.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.2	47.6	142.9
145	29.1	15.1	45.3

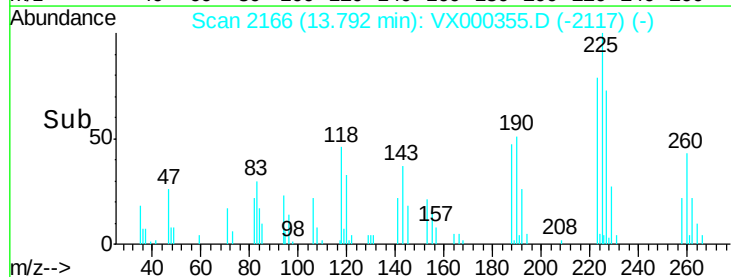
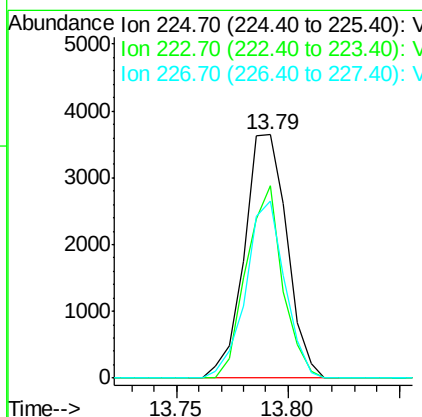
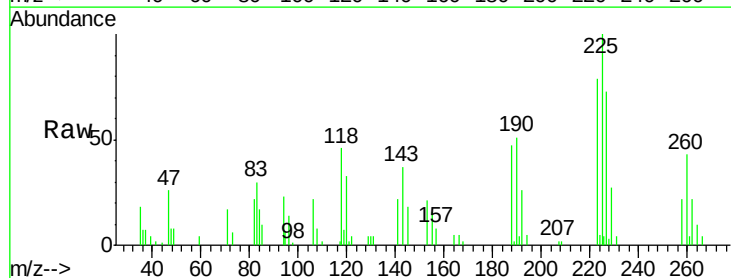
Manual Integrations
 APPROVED

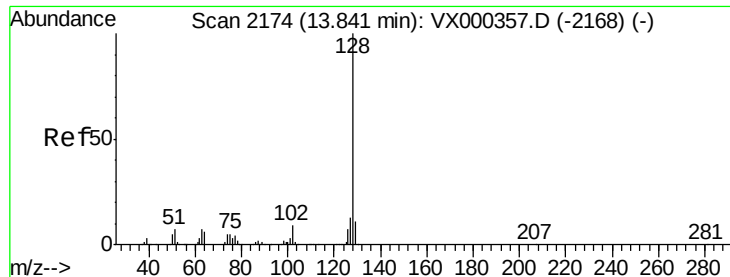
sam
 3/21/2018 11:44:02 AM



#94
 Hexachlorobutadiene
 Concen: 5.84 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	32.0	96.0
227	66.1	32.6	98.0





#95

Naphthalene

Concen: 5.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

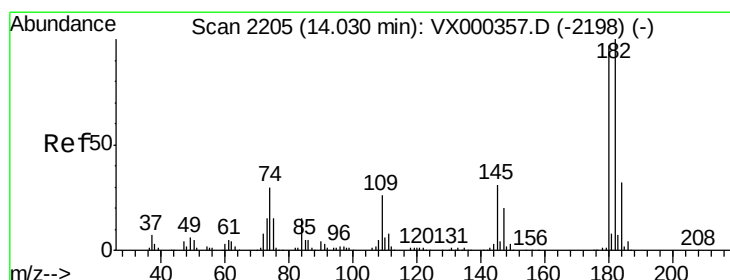
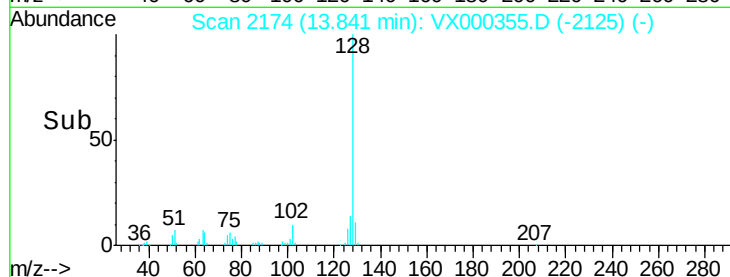
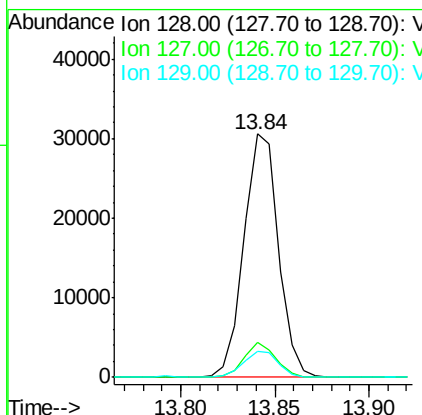
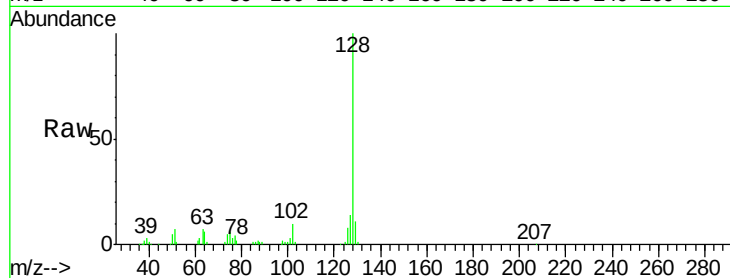
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	38985
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
APPROVED

sam
3/21/2018 11:44:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 5.48 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion:	180	Resp:	11748
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.4	142.3
145	30.4	15.8	47.3

