

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000396.D
 Acq On : 22 Mar 2018 10:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 3/23/2018 1:52:53 PM

Quant Time: Mar 23 05:52:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115110	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76317	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	5.51	113	58767	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.72	98	250206	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.15	95	94500	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	58254	46.06	ug/l	94
3) Chloromethane	1.32	50	60178	45.17	ug/l	93
4) Vinyl Chloride	1.41	62	68672	48.78	ug/l	98
5) Bromomethane	1.64	94	102691	60.92	ug/l	100
6) Chloroethane	1.73	64	44945	53.44	ug/l	95
7) Trichlorofluoromethane	1.93	101	121276	47.73	ug/l	98
8) Diethyl Ether	2.19	74	42419	46.71	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69331	48.93	ug/l	99
10) Methyl Iodide	2.52	142	62560	45.03	ug/l	100
11) Tert butyl alcohol	3.07	59	124995	242.58	ug/l	99
12) 1,1-Dichloroethene	2.38	96	60745	48.84	ug/l	99
13) Acrolein	2.29	56	36345	222.61	ug/l	97
14) Allyl chloride	2.73	41	110682	50.38	ug/l	99
15) Acrylonitrile	3.15	53	249920	239.47	ug/l	99
16) Acetone	2.45	43	328619	263.71	ug/l	98
17) Carbon Disulfide	2.57	76	156166	47.20	ug/l	100
18) Methyl Acetate	2.78	43	130066	49.79	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	222068	48.27	ug/l	95
20) Methylene Chloride	2.86	84	68045	47.28	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	64848	46.74	ug/l	91
22) Diisopropyl ether	3.88	45	214450	55.15	ug/l	98
23) Vinyl Acetate	3.83	43	1032703	280.15	ug/l	99
24) 1,1-Dichloroethane	3.70	63	120071	49.11	ug/l	100
25) 2-Butanone	4.71	43	351266	250.78	ug/l	99
26) 2,2-Dichloropropane	4.60	77	84226	49.15	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	62754	48.39	ug/l	98
28) Bromochloromethane	5.03	49	52098	51.68	ug/l	100
29) Tetrahydrofuran	5.17	42	207919	241.26	ug/l	99
30) Chloroform	5.23	83	112662	49.17	ug/l	96
31) Cyclohexane	5.59	56	91800	48.57	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	101205	48.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	82897	48.36	ug/l	98
37) Ethyl Acetate	4.87	43	111963	47.82	ug/l	100
38) Carbon Tetrachloride	5.79	117	89612	49.84	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106959	51.31	ug/l	97
40) Benzene	6.15	78	249356	50.10	ug/l	96
41) Methacrylonitrile	5.07	41	58861	47.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	98403	50.39	ug/l	99
43) Isopropyl Acetate	6.48	43	178659	51.26	ug/l	99
44) Trichloroethene	7.22	130	71596	50.21	ug/l	95
45) 1,2-Dichloropropane	7.52	63	65898	51.72	ug/l	98
46) Dibromomethane	7.67	93	50568	50.56	ug/l	98
47) Bromodichloromethane	7.91	83	92823	52.75	ug/l	99
48) Methyl methacrylate	7.79	41	87292	51.59	ug/l	99
49) 1,4-Dioxane	7.77	88	34530	970.89	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	715440	265.21	ug/l	99
52) Toluene	8.79	92	176803	50.81	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	108011	52.97	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	105689	53.44	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	73753	51.54	ug/l	98
56) Ethyl methacrylate	9.19	69	113989	52.57	ug/l	99
57) 1,3-Dichloropropane	9.38	76	121895	53.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	290671	279.30	ug/l	98
59) 2-Hexanone	9.51	43	605313	264.26	ug/l	100
60) Dibromochloromethane	9.59	129	79657	47.28	ug/l	99
61) 1,2-Dibromoethane	9.68	107	80292	52.32	ug/l	99
64) Tetrachloroethene	9.34	164	76697	51.95	ug/l	98
65) Chlorobenzene	10.15	112	205472	48.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	72611	50.50	ug/l	99
67) Ethyl Benzene	10.26	91	357031	49.75	ug/l	99
68) m/p-Xylenes	10.37	106	277345	98.21	ug/l	98
69) o-Xylene	10.71	106	136130	49.79	ug/l	100
70) Styrene	10.72	104	230022	50.84	ug/l	98
71) Bromoform	10.87	173	63009	42.81	ug/l #	97
73) Isopropylbenzene	11.02	105	376445	49.36	ug/l	99
74) N-amyl acetate	6.48	43	178659	54.01	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	131660	48.81	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120724m	48.80	ug/l	
77) Bromobenzene	11.26	156	92468	45.51	ug/l	97
78) n-propylbenzene	11.37	91	447671	49.23	ug/l	99
79) 2-Chlorotoluene	11.43	91	253268	48.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	327253	51.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	38045	49.79	ug/l	96
82) 4-Chlorotoluene	11.52	91	313214	49.93	ug/l	100
83) tert-Butylbenzene	11.78	119	315033	48.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	340205	50.60	ug/l	99
85) sec-Butylbenzene	11.96	105	408964	51.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	365978	51.49	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	185431	48.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	194921	48.33	ug/l	98
89) n-Butylbenzene	12.40	91	339763	51.34	ug/l	99
90) Hexachloroethane	12.60	117	58435	52.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	185298	49.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37095	49.31	ug/l	97

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ClientSampleId :
VSTDCCC050

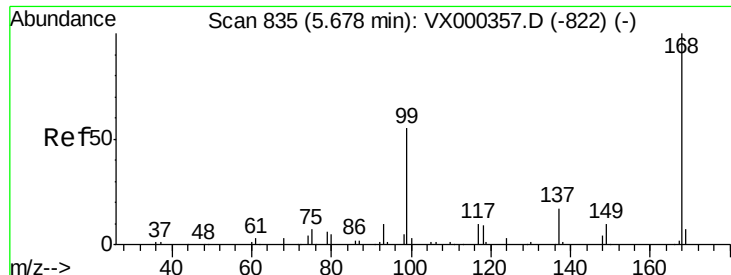
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129482	47.96	ug/l	98
94) Hexachlorobutadiene	13.79	225	56702	50.72	ug/l	98
95) Naphthalene	13.84	128	463335	49.26	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	130297	48.84	ug/l	98

(#) = 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: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 114758

Ion Ratio Lower Upper

168 100

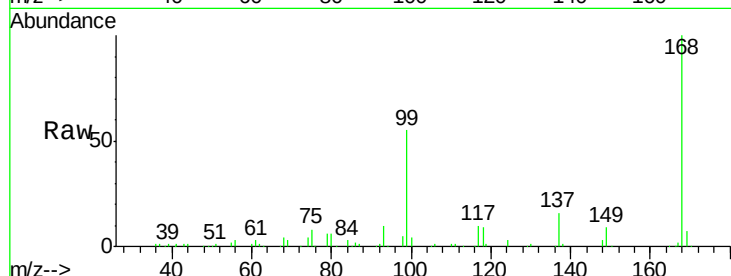
99 54.7 45.8 68.6

Manual Integrations

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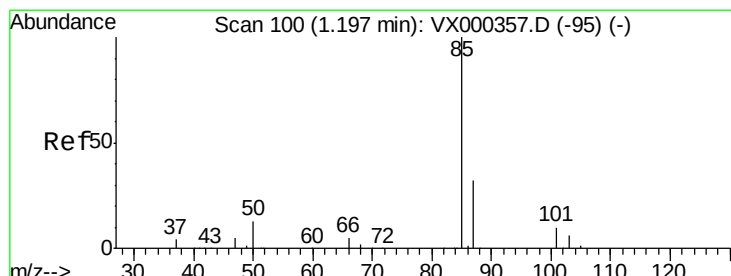
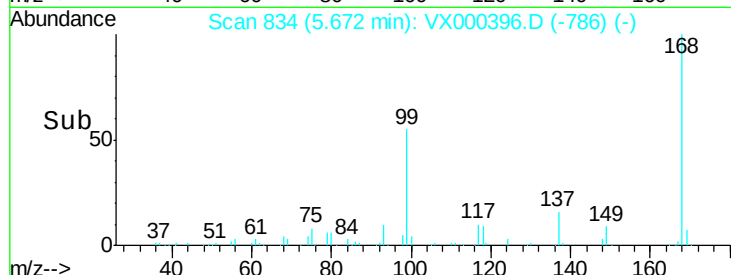
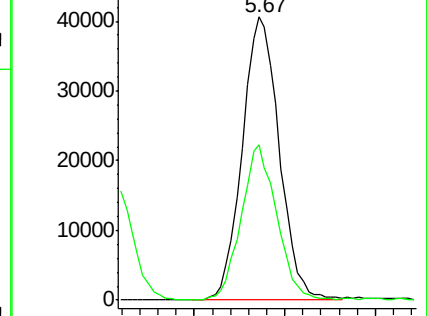
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000396.D

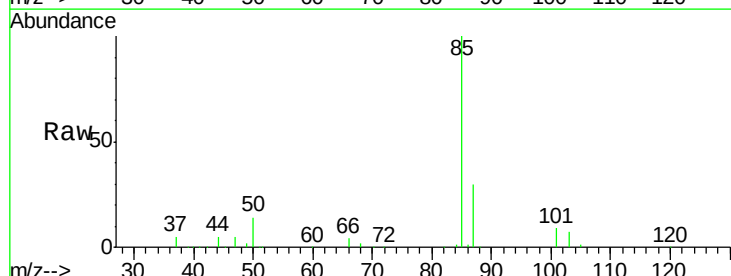
Acq: 22 Mar 2018 10:34

Tgt Ion: 85 Resp: 58254

Ion Ratio Lower Upper

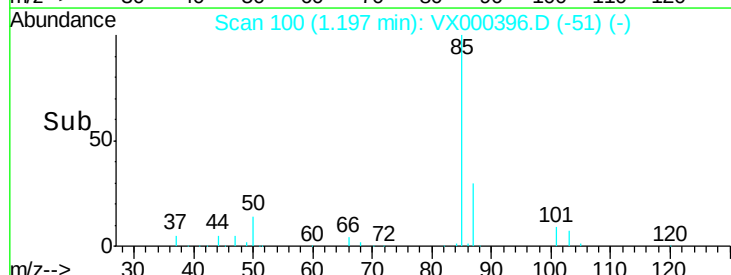
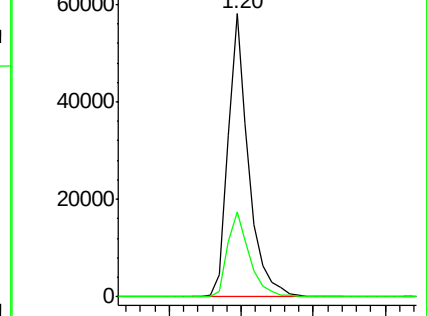
85 100

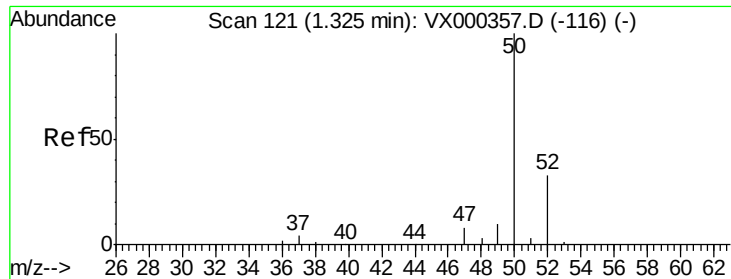
87 30.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.17 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 60178

Ion Ratio Lower Upper

50 100

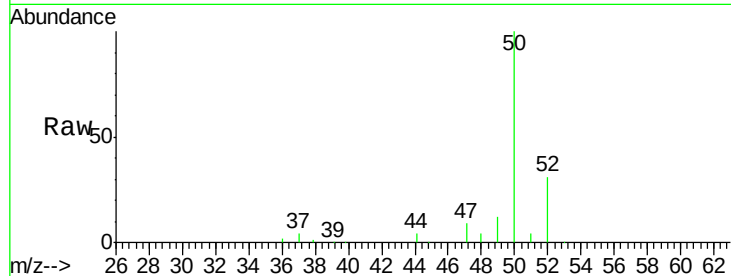
52 30.7 27.5 41.3

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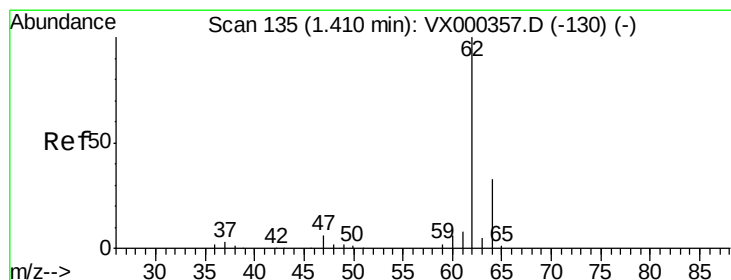
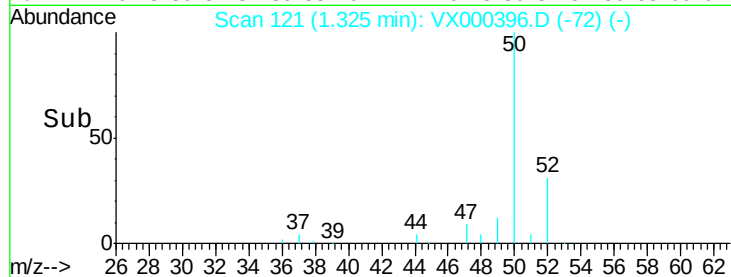
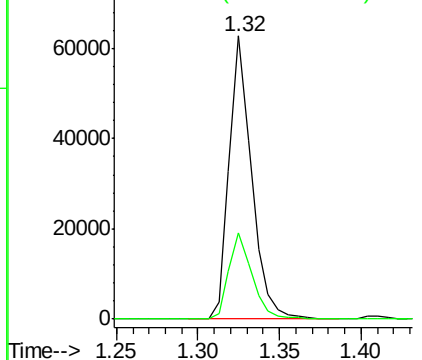
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.78 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000396.D

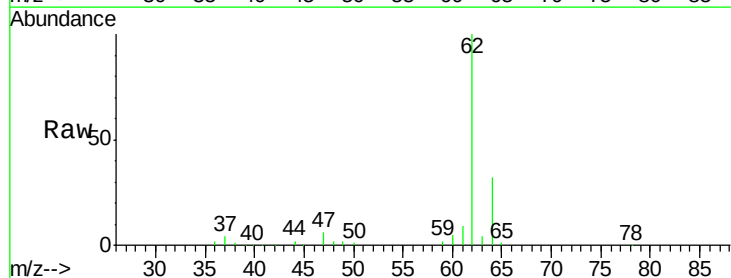
Acq: 22 Mar 2018 10:34

Tgt Ion: 62 Resp: 68672

Ion Ratio Lower Upper

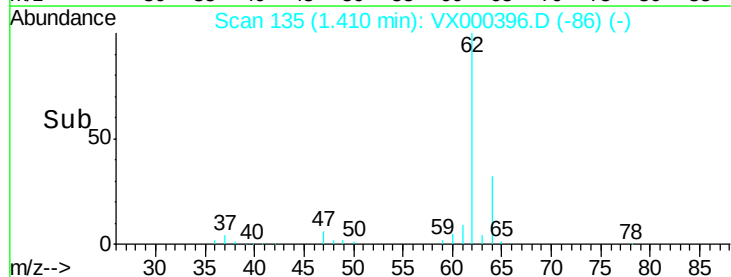
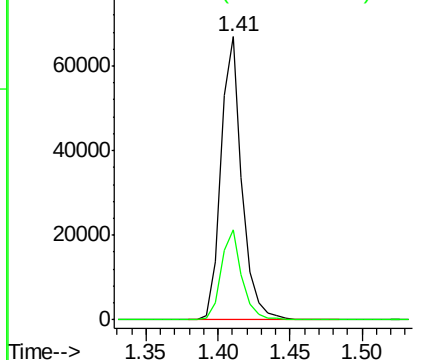
62 100

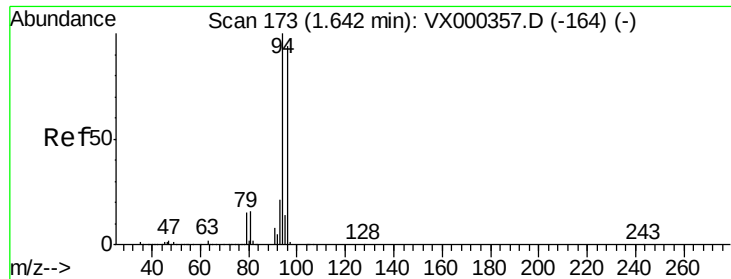
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 60.92 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 102691

Ion Ratio Lower Upper

94 100

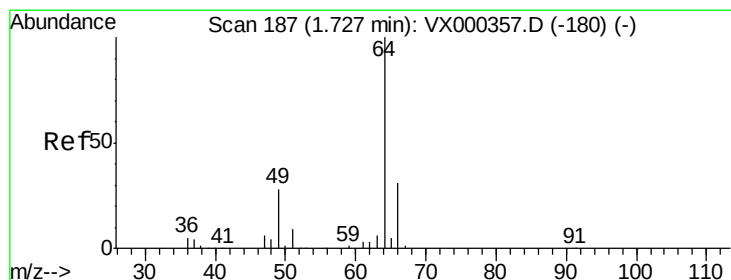
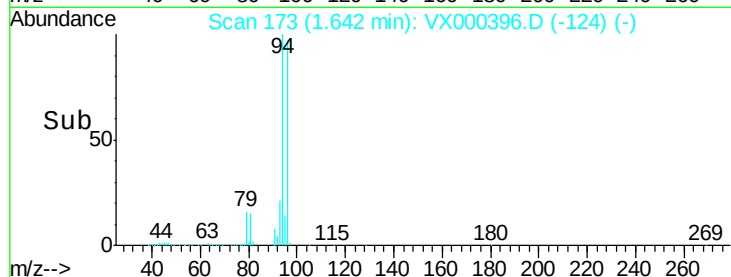
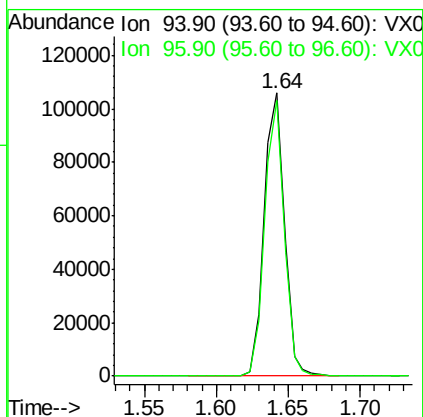
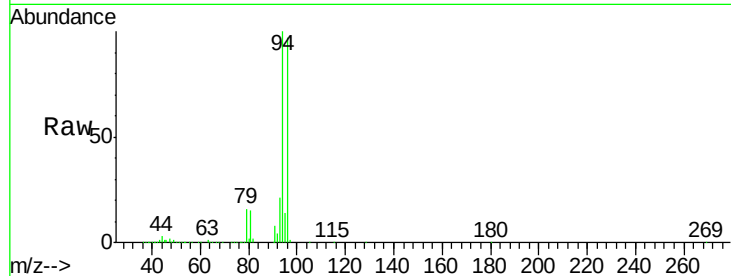
96 97.3 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 53.44 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000396.D

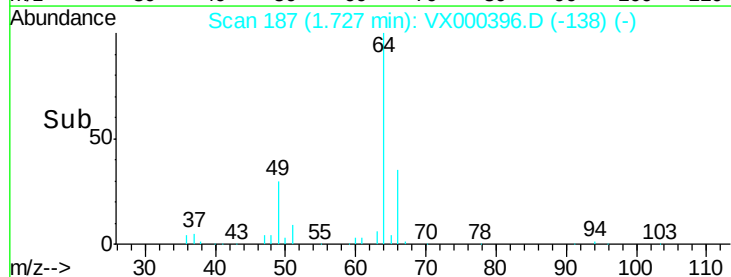
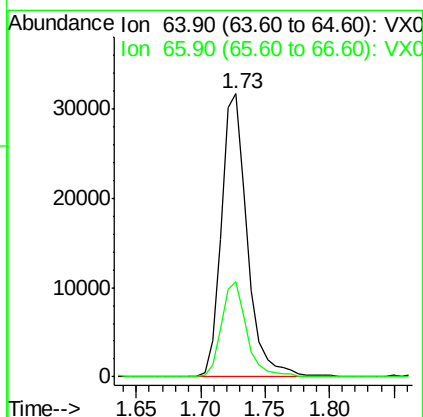
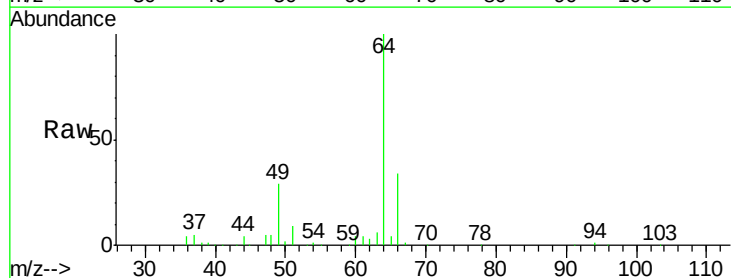
Acq: 22 Mar 2018 10:34

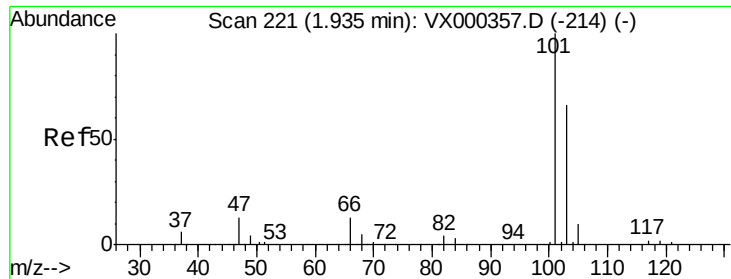
Tgt Ion: 64 Resp: 44945

Ion Ratio Lower Upper

64 100

66 33.7 24.8 37.2





#7

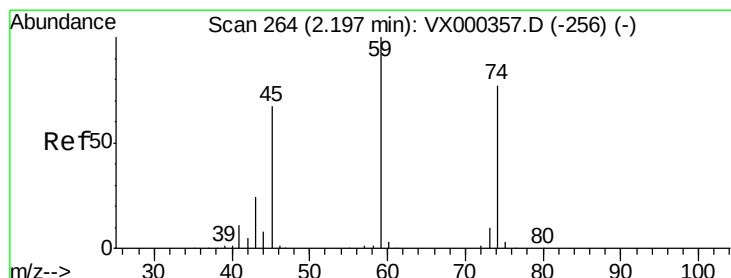
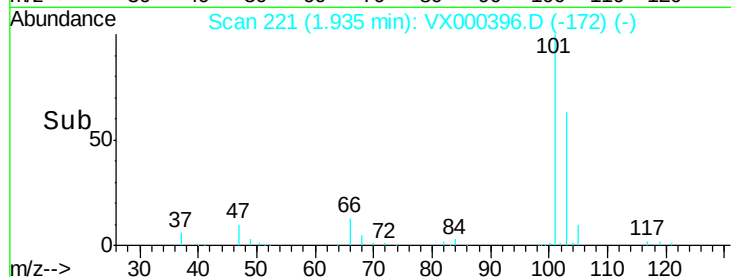
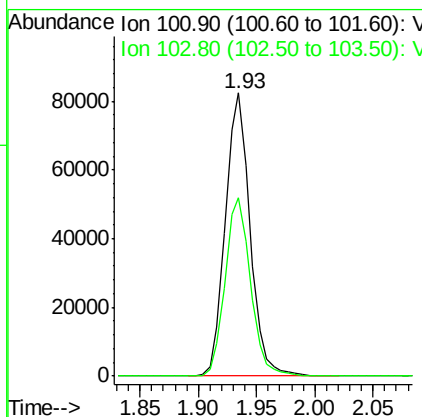
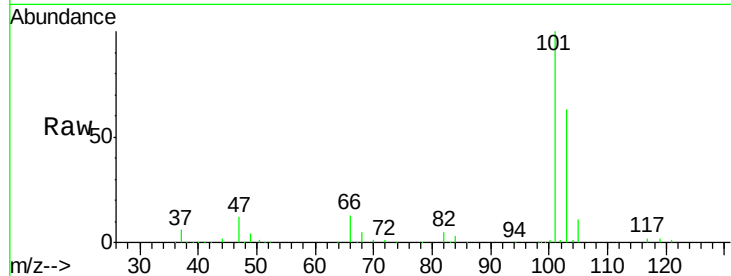
Trichlorofluoromethane
Concen: 47.73 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.6	77.4

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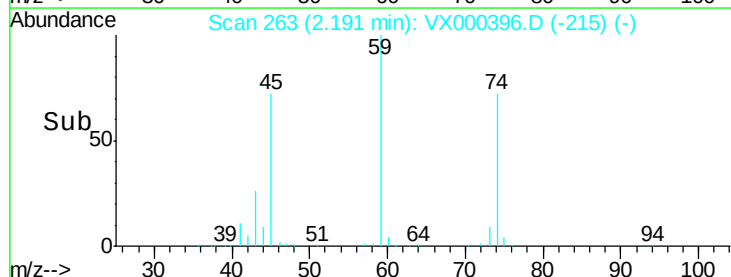
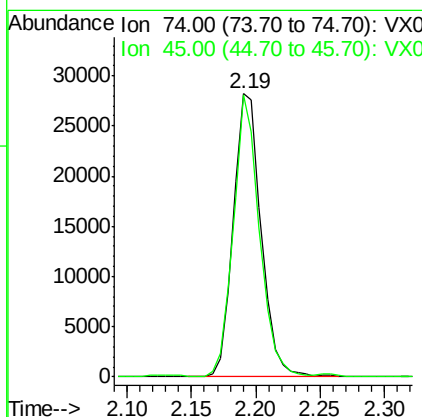
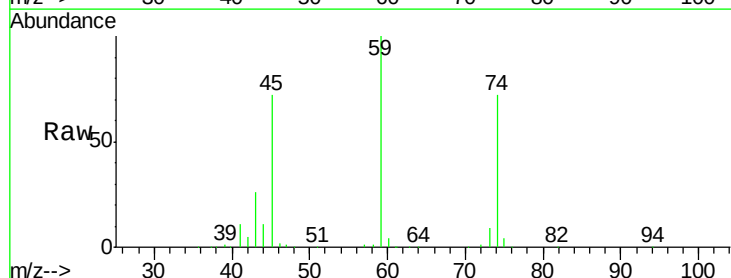
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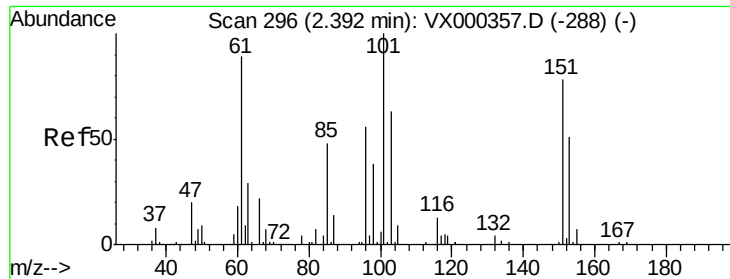


#8

Diethyl Ether
Concen: 46.71 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.93 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

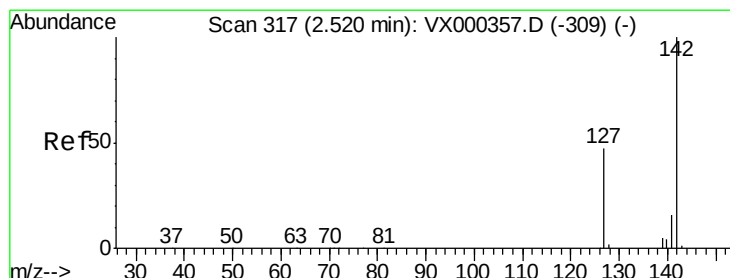
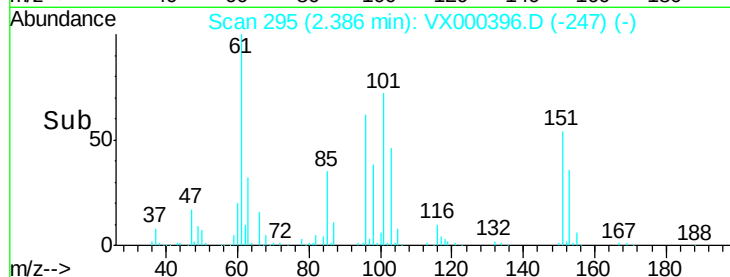
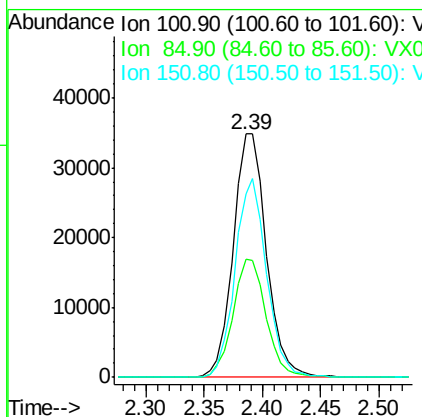
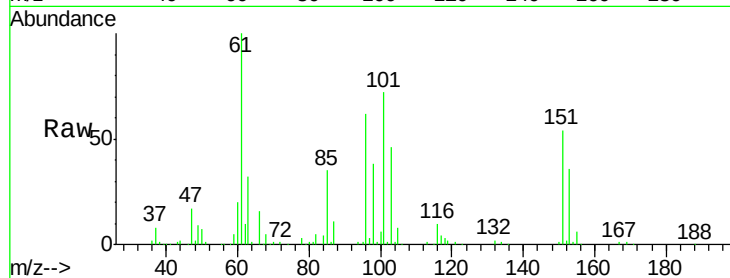
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	69331
Ion Ratio	Lower	Upper	
101	100		
85	48.4	37.6	56.4
151	77.7	62.6	93.8

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 45.03 ug/l

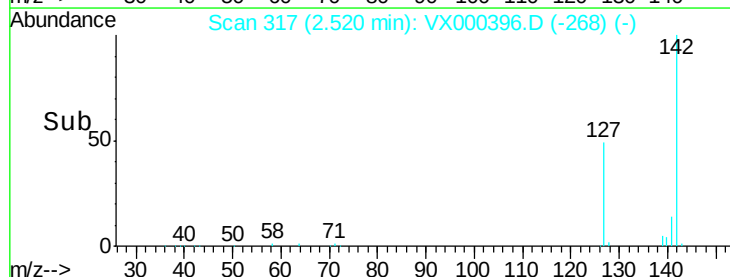
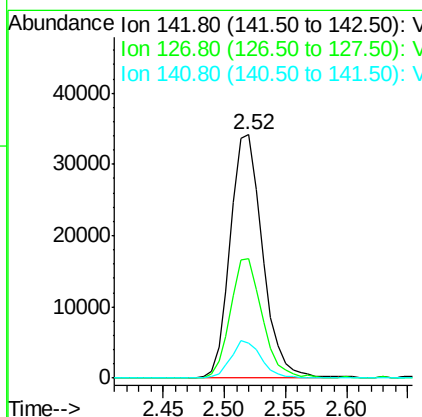
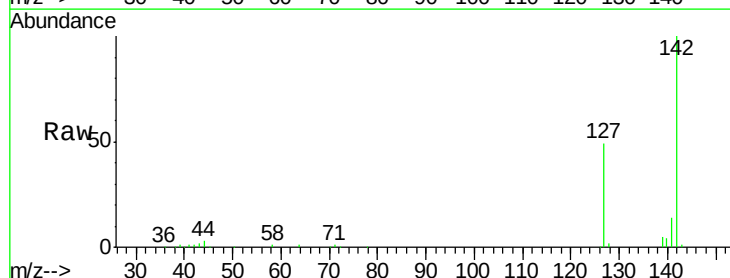
RT: 2.52 min Scan# 317

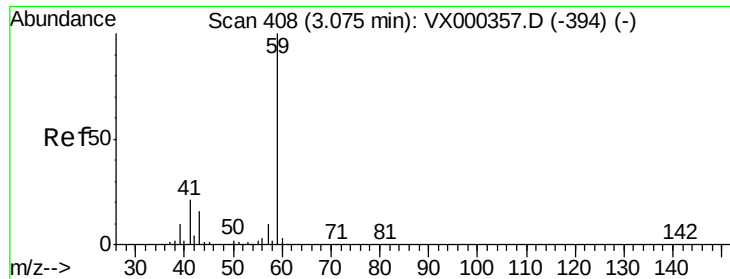
Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion:	142	Resp:	62560
Ion Ratio	Lower	Upper	
142	100		
127	49.1	39.2	58.8
141	14.6	11.7	17.5





#11

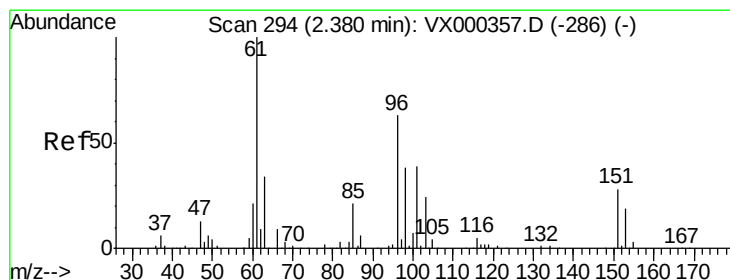
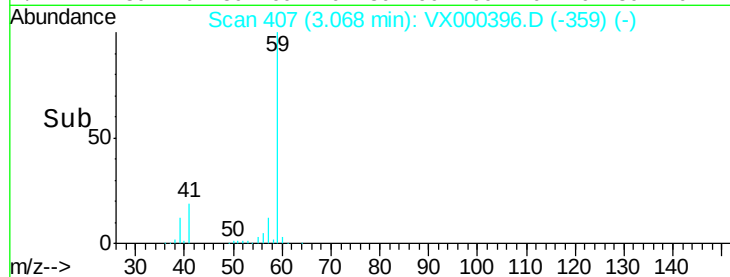
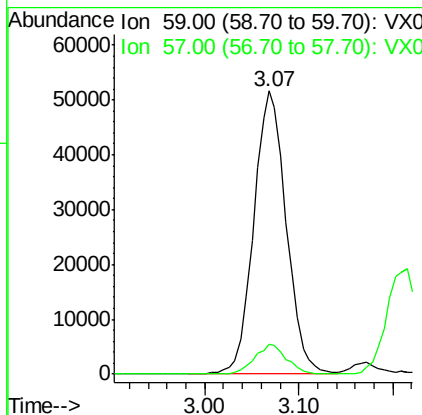
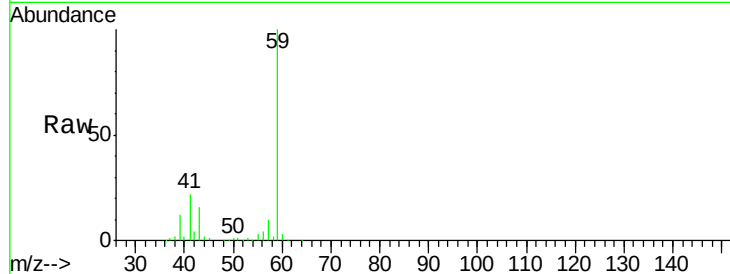
Tert butyl alcohol
 Concen: 242.58 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	59	Resp	124995
Ion Ratio	100	Lower	Upper
57	10.3	8.4	12.6

Manual Integrations
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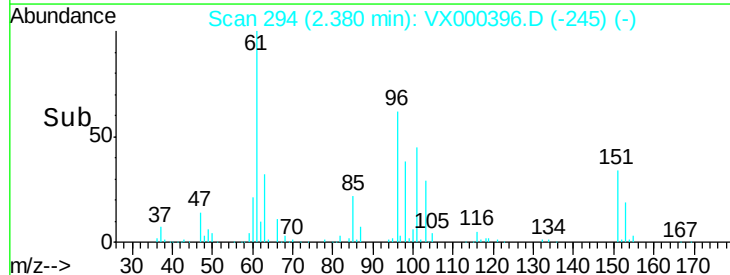
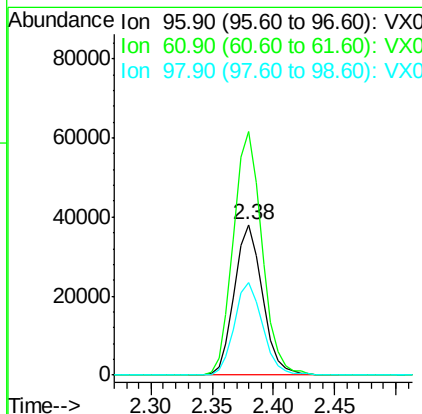
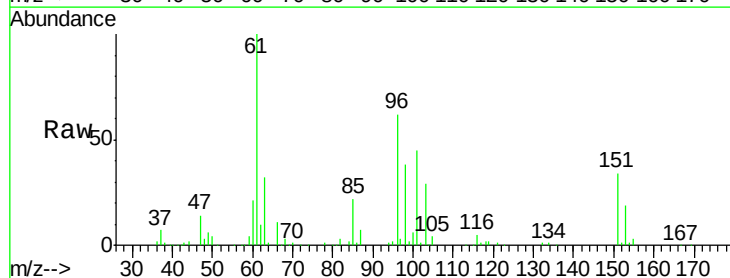
sam
 3/23/2018 1:52:53 PM

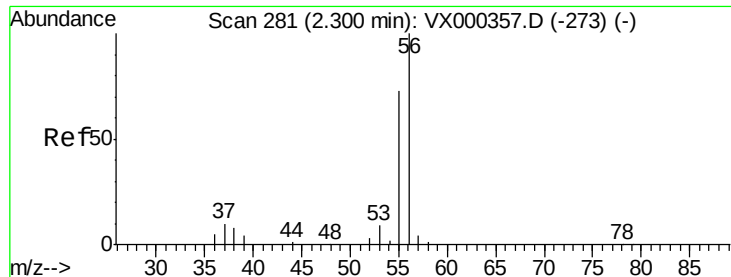


#12

1,1-Dichloroethene
 Concen: 48.84 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion	96	Resp	60745
Ion Ratio	100	Lower	Upper
61	162.0	131.2	196.8
98	61.6	49.8	74.8





#13

Acrolein

Concen: 222.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 36345

Ion Ratio Lower Upper

56 100

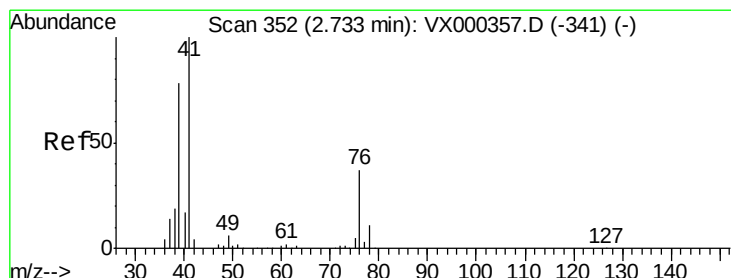
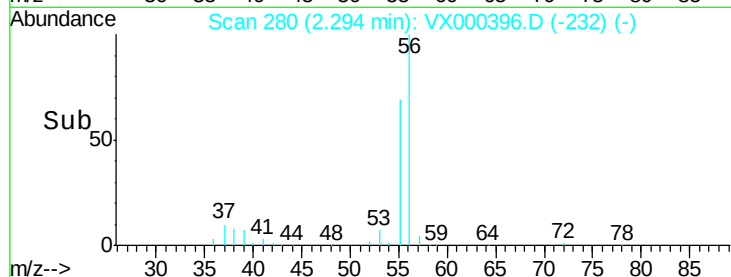
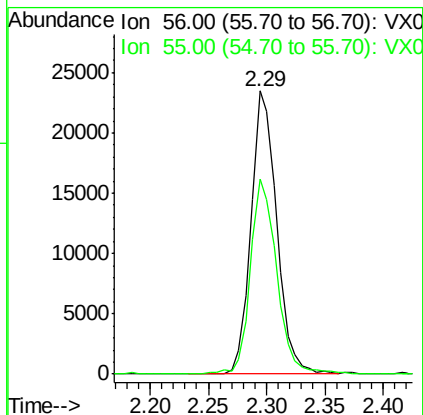
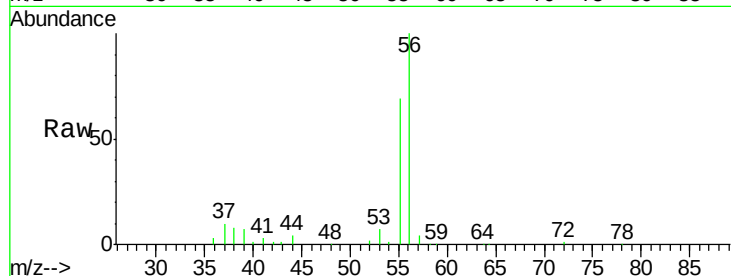
55 71.0 58.8 88.2

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 50.38 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

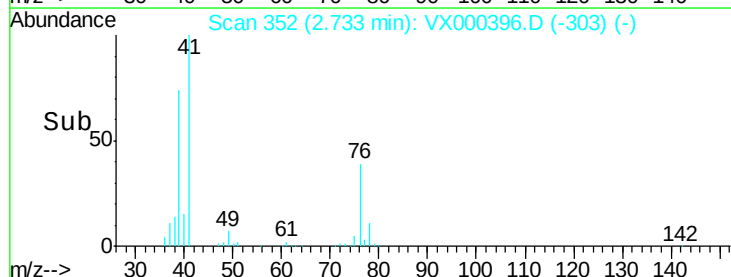
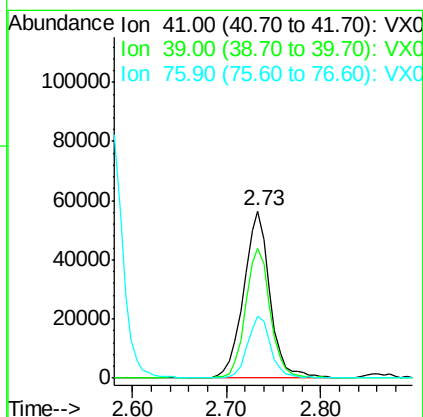
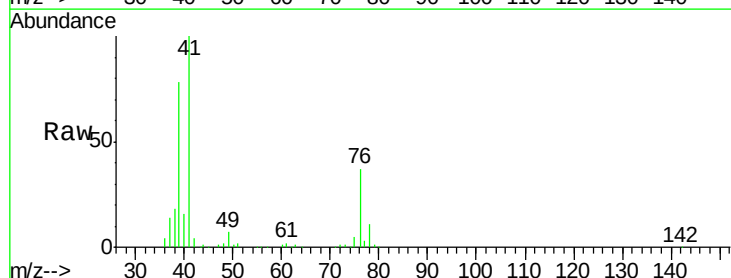
Tgt Ion: 41 Resp: 110682

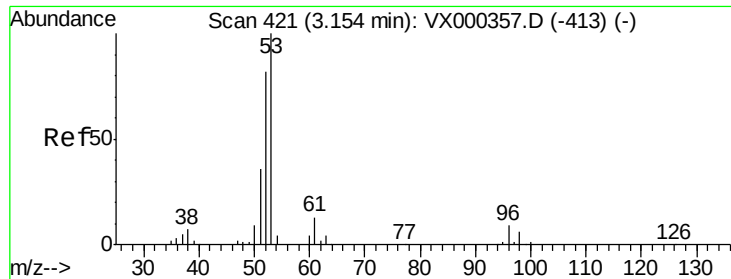
Ion Ratio Lower Upper

41 100

39 72.0 57.6 86.4

76 32.9 27.3 40.9





#15

Acrylonitrile

Concen: 239.47 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

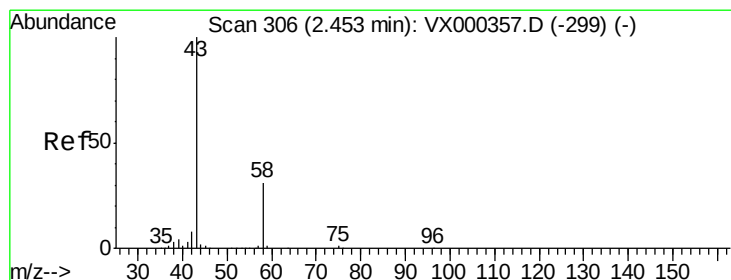
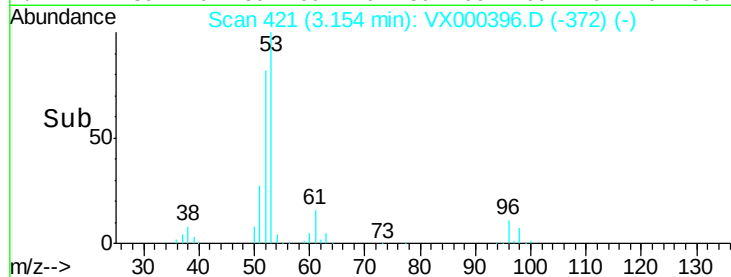
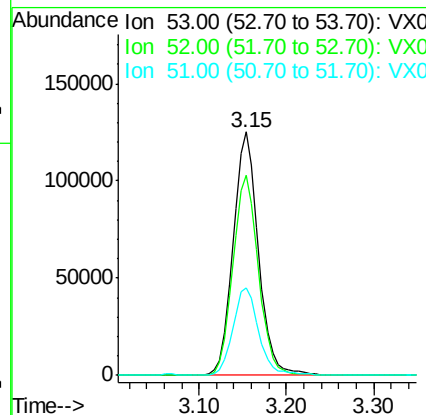
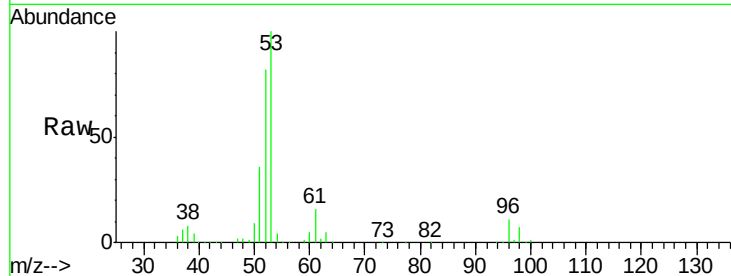
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	249920
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.6	99.8
51	37.1	29.3	43.9

Manual Integrations
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sam
3/23/2018 1:52:53 PM



#16

Acetone

Concen: 263.71 ug/l

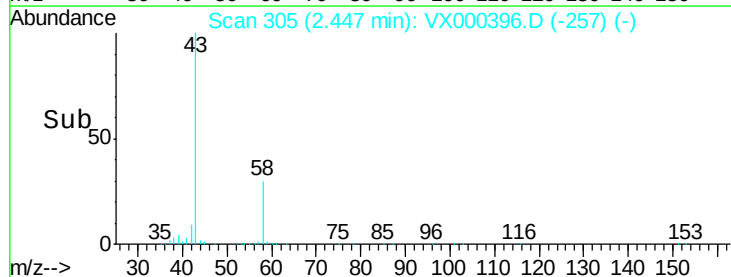
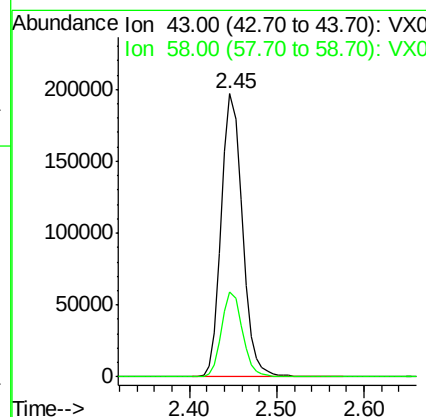
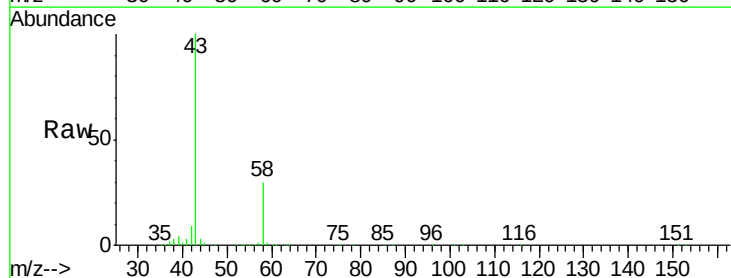
RT: 2.45 min Scan# 305

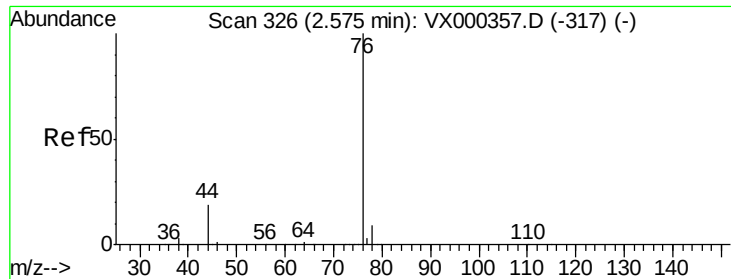
Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion:	43	Resp:	328619
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.7	37.1





#17

Carbon Disulfide

Concen: 47.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 156166

Ion Ratio Lower Upper

76 100

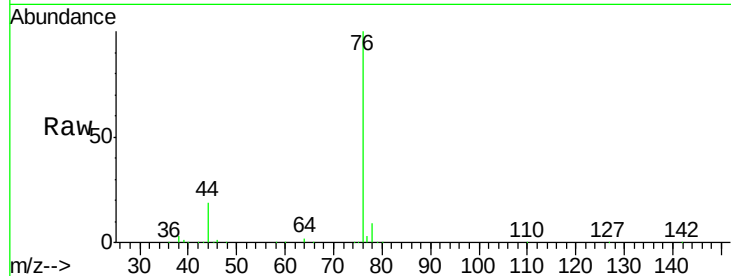
78 8.6 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

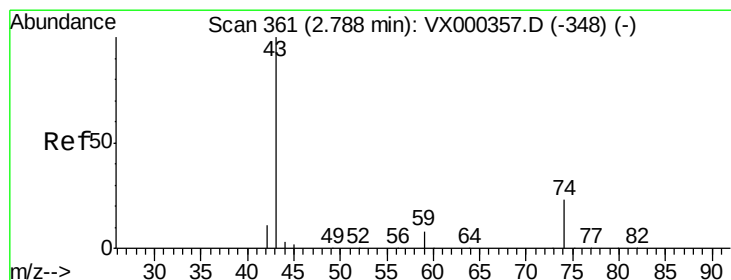
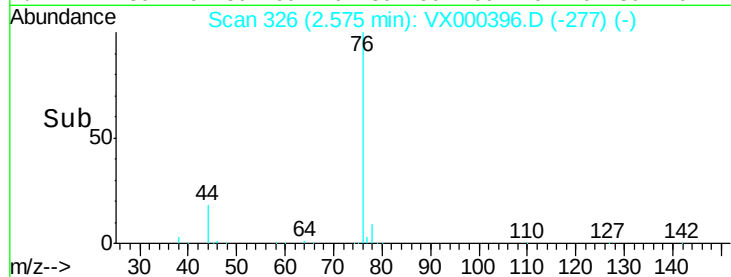
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000396.D

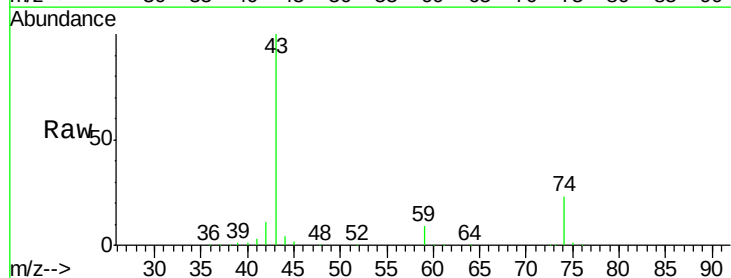
Acq: 22 Mar 2018 10:34

Tgt Ion: 43 Resp: 130066

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

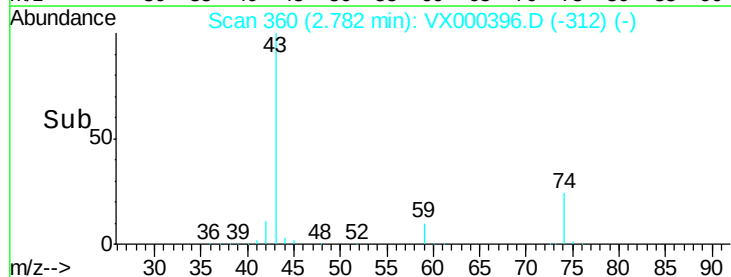
60000

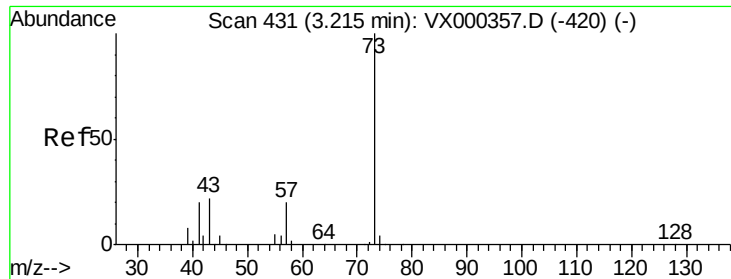
40000

20000

0

Time-->





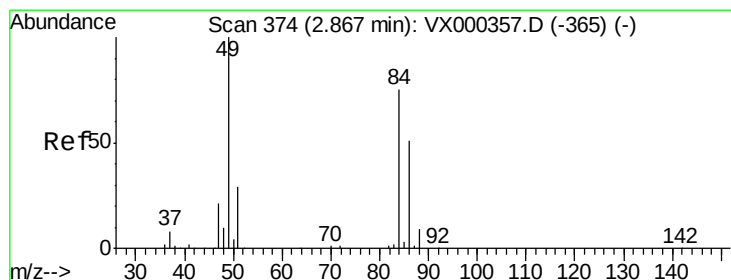
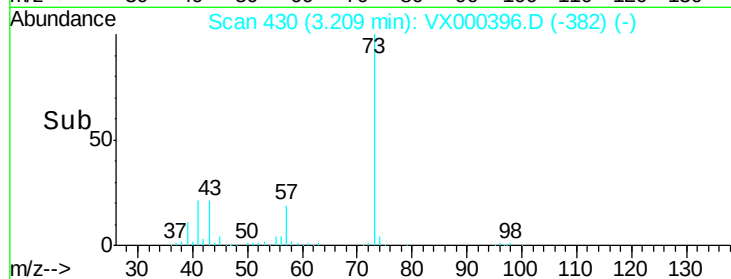
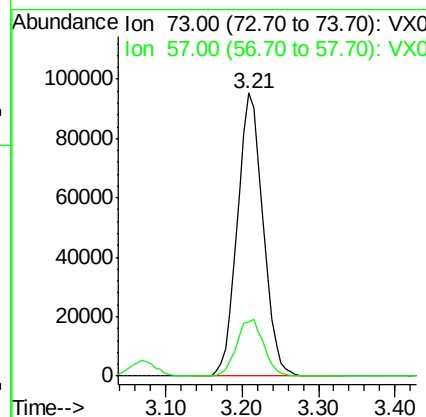
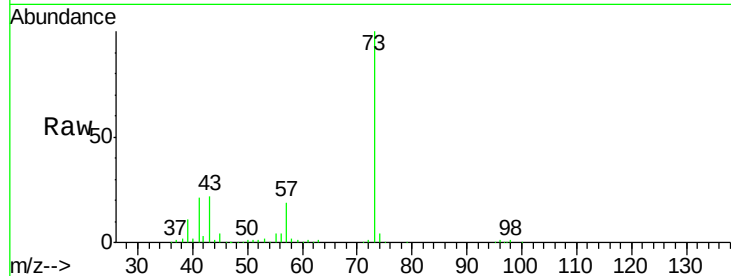
#19
Methyl tert-butyl Ether
Concen: 48.27 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.3	17.2	25.8

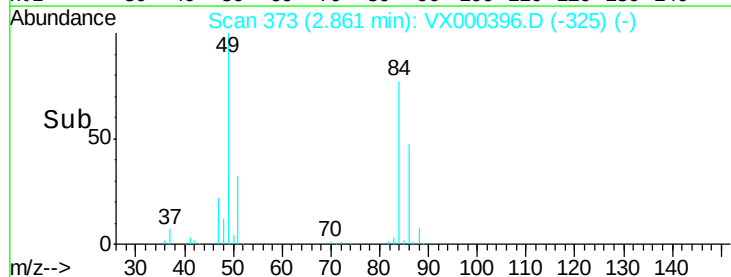
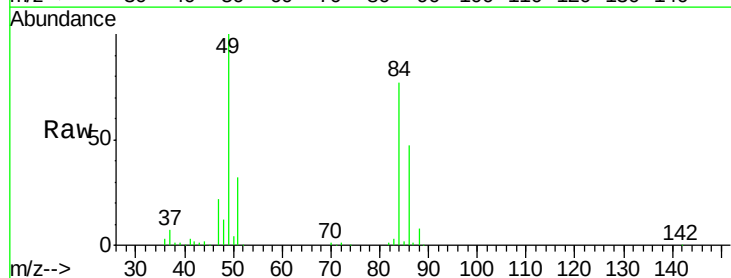
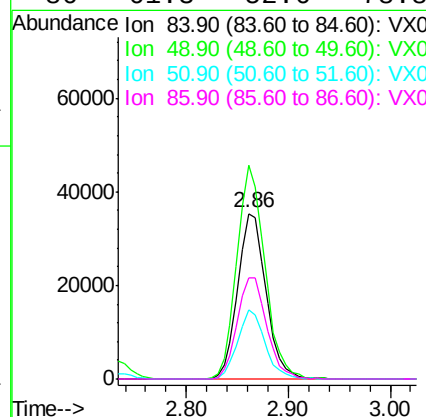
Manual Integrations
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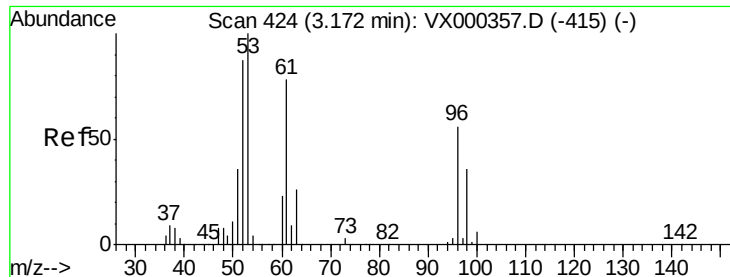
sam
3/23/2018 1:52:53 PM



#20
Methylene Chloride
Concen: 47.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.1	100.6	151.0
51	41.9	31.6	47.4
86	61.3	52.6	78.8





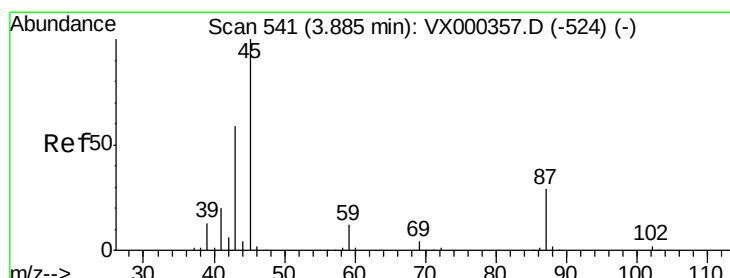
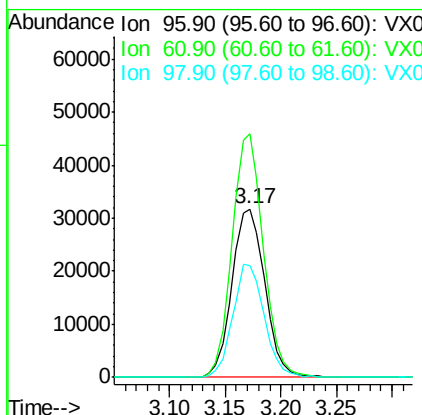
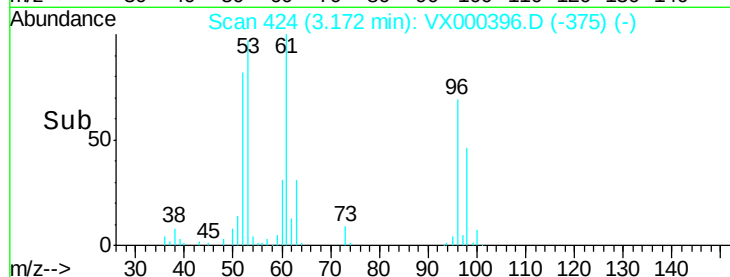
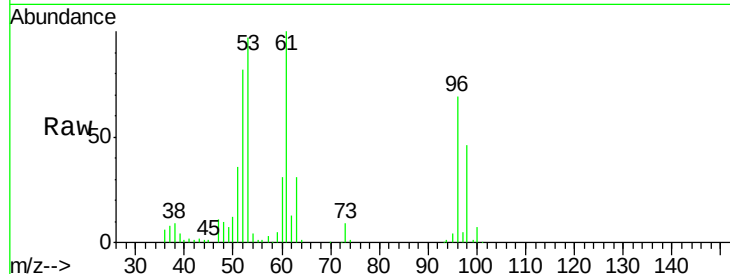
#21
trans-1,2-Dichloroethene
Concen: 46.74 ug/l
RT: 3.17 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.5	104.0	156.0
98	66.6	52.1	78.1

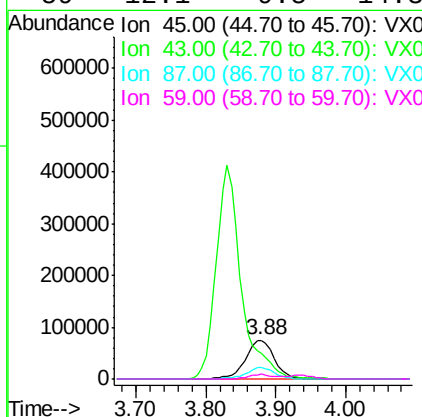
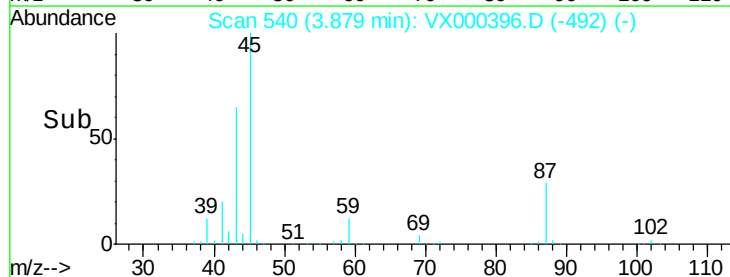
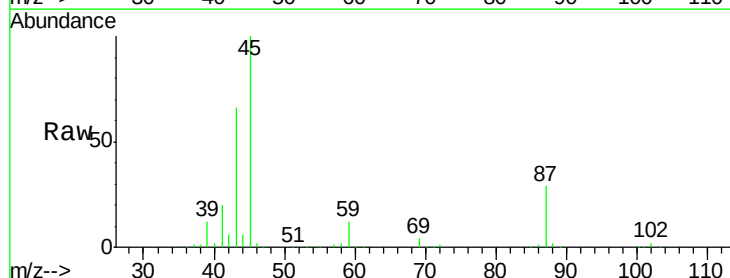
Manual Integrations
APPROVED

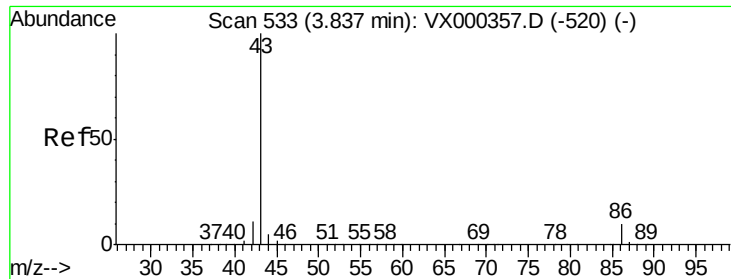
sam
3/23/2018 1:52:53 PM



#22
Diisopropyl ether
Concen: 55.15 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.1	53.9	80.9
87	29.0	22.6	34.0
59	12.1	9.5	14.3





#23

Vinyl Acetate

Concen: 280.15 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1032703

Ion Ratio Lower Upper

43 100

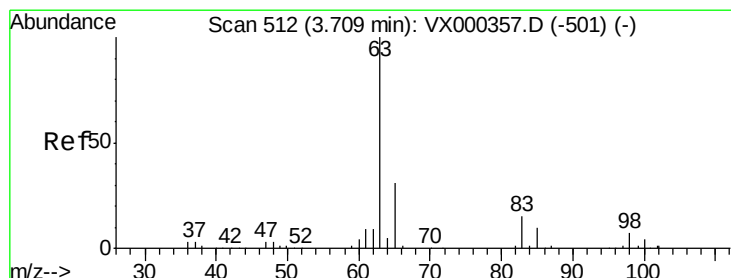
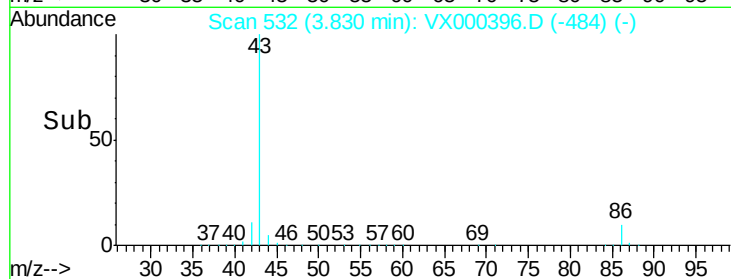
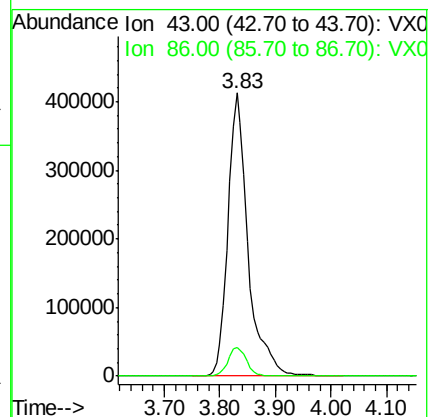
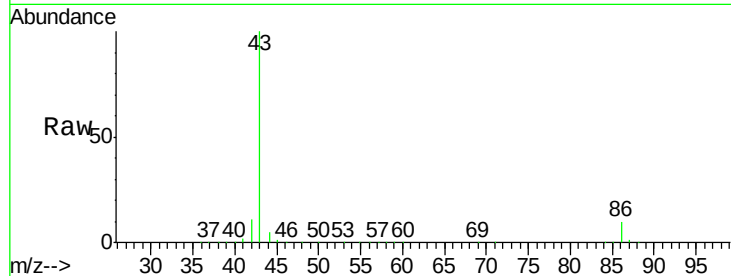
86 10.3 8.6 12.8

Manual Integrations

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sam

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#24

1,1-Dichloroethane

Concen: 49.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

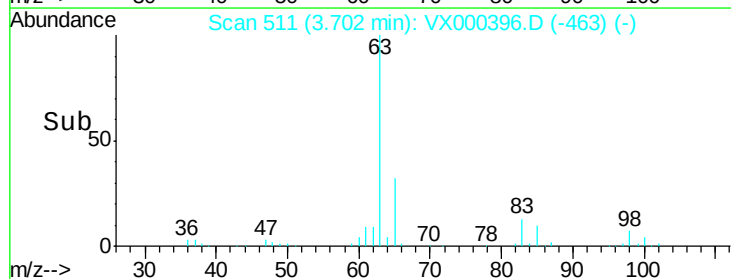
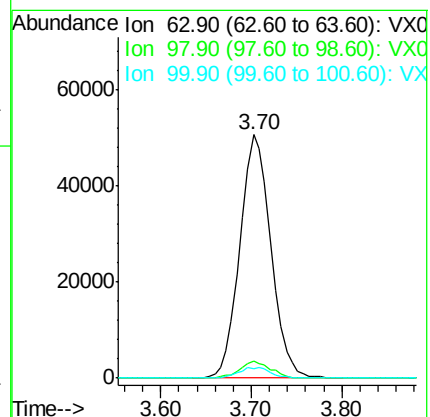
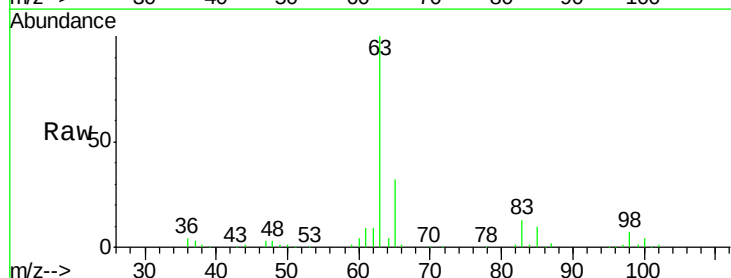
Tgt Ion: 63 Resp: 120071

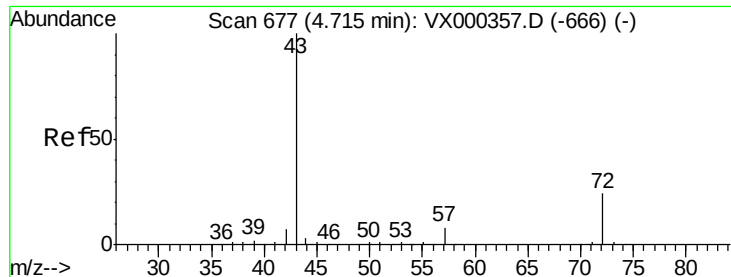
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 250.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 351266

Ion Ratio Lower Upper

43 100

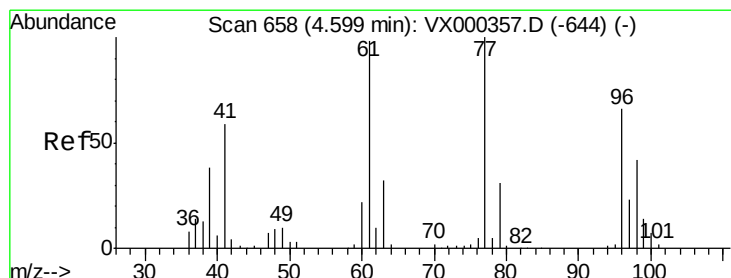
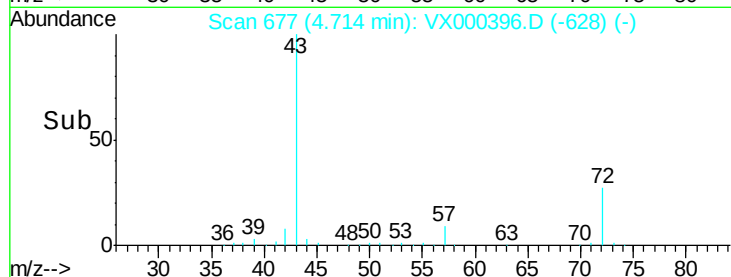
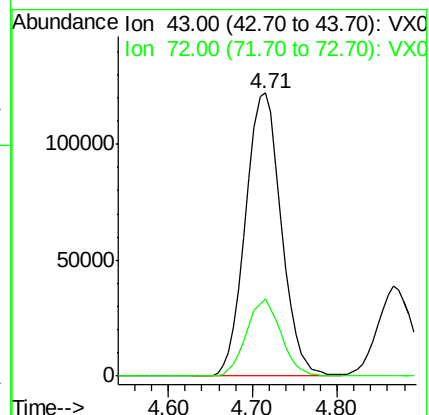
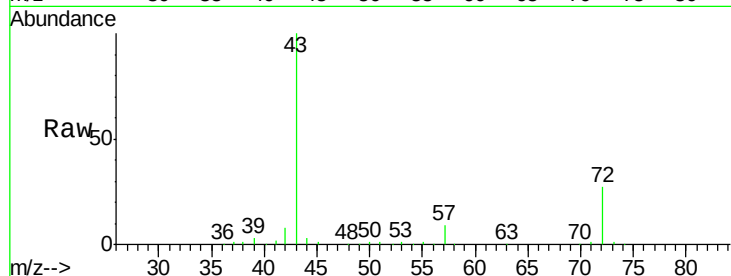
72 27.1 21.0 31.6

Manual Integrations

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sam

3/23/2018 1:52:53 PM



#26

2,2-Dichloropropane

Concen: 49.15 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000396.D

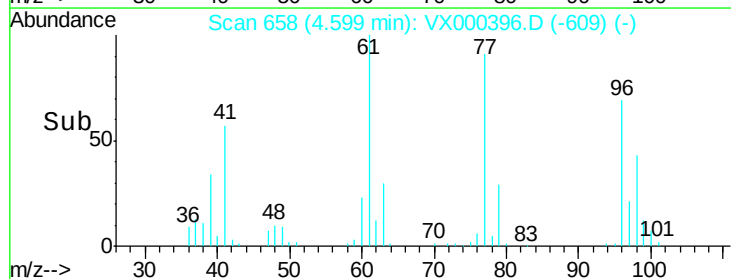
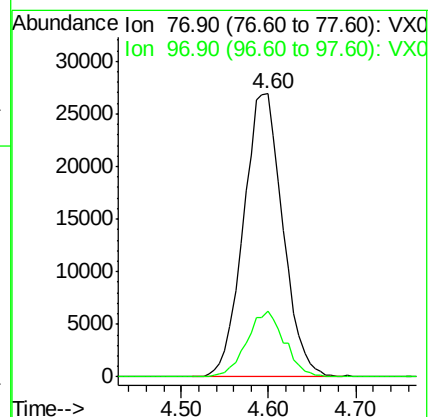
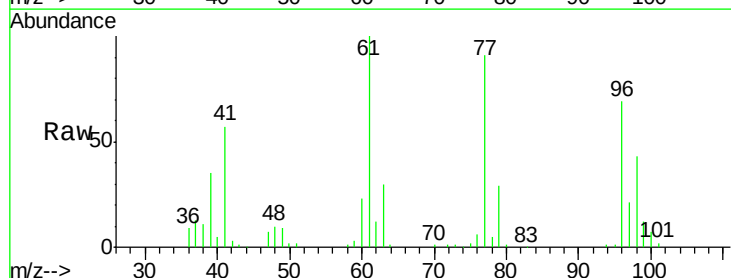
Acq: 22 Mar 2018 10:34

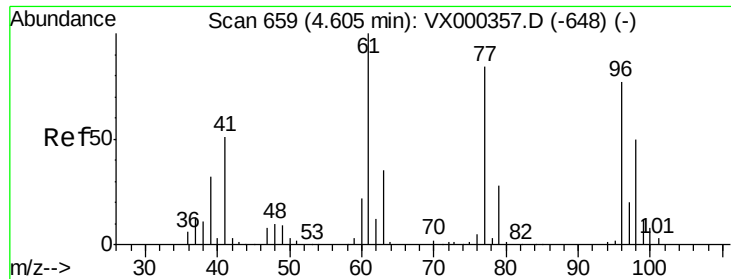
Tgt Ion: 77 Resp: 84226

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

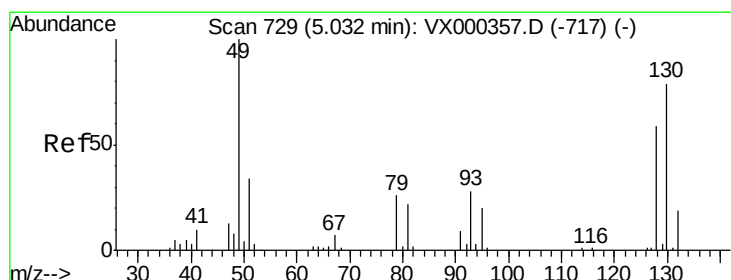
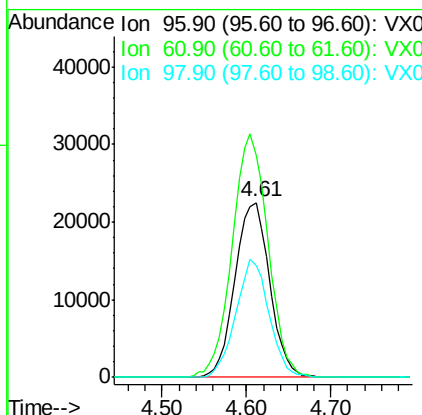
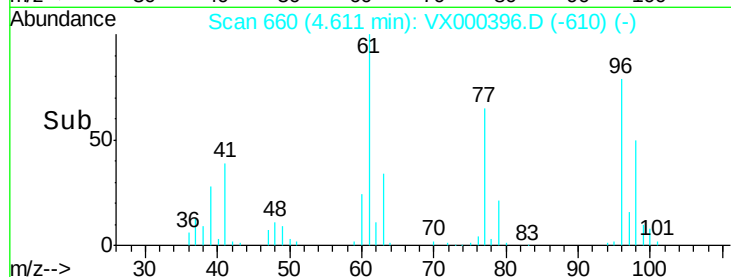
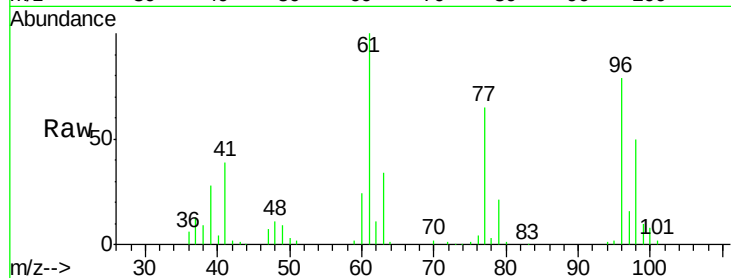
cis-1,2-Dichloroethene
Concen: 48.39 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	291.6
98	64.5	0.0	132.0

Manual Integrations
APPROVED

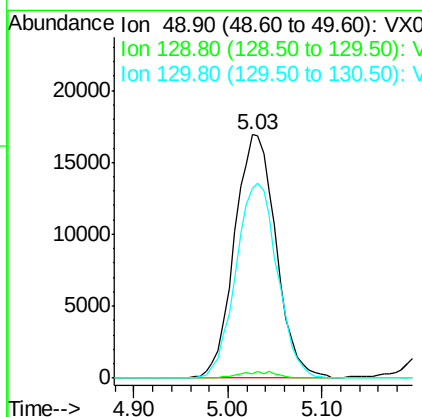
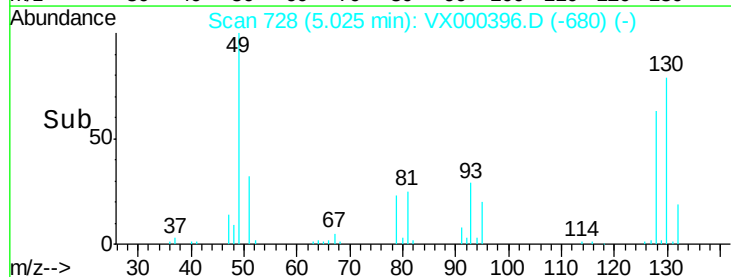
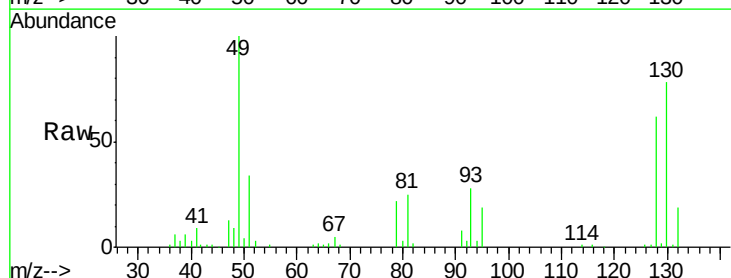
sam
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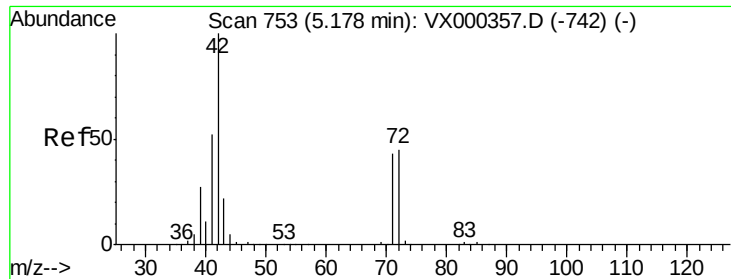


#28

Bromochloromethane
Concen: 51.68 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	80.0	64.0	96.0





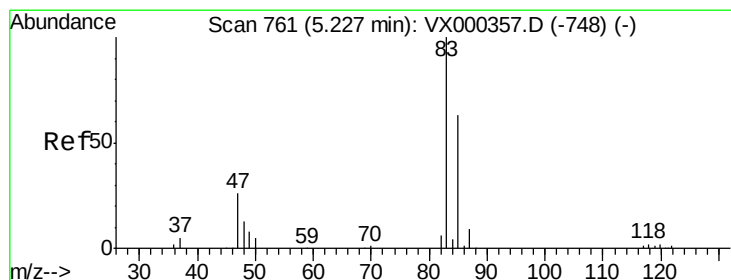
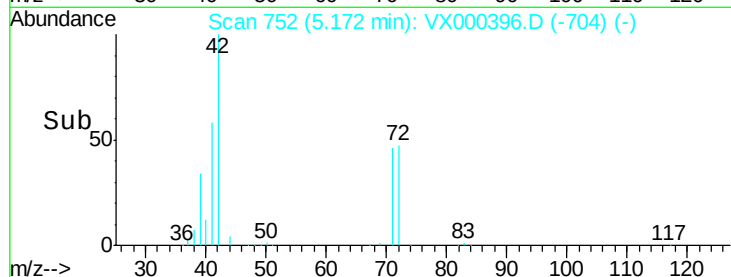
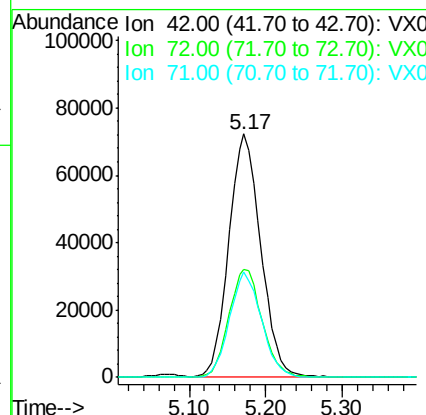
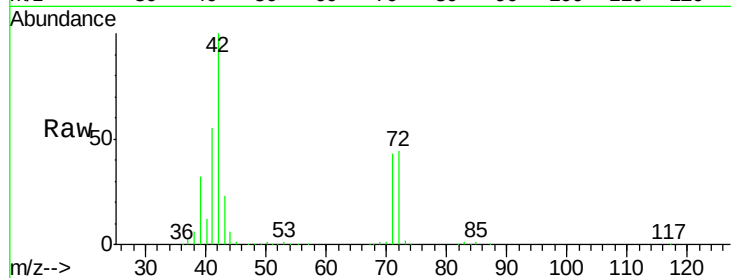
#29
Tetrahydrofuran
Concen: 241.26 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	37.9	56.9
71	43.5	34.4	51.6

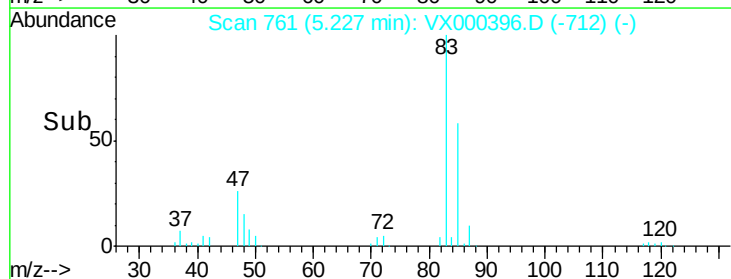
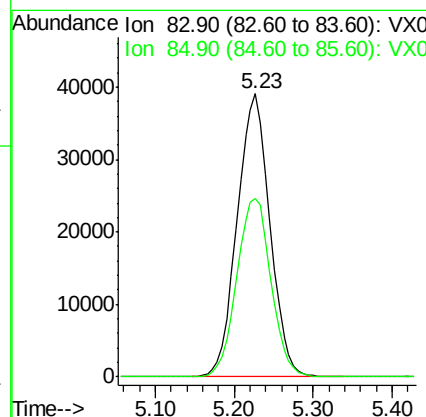
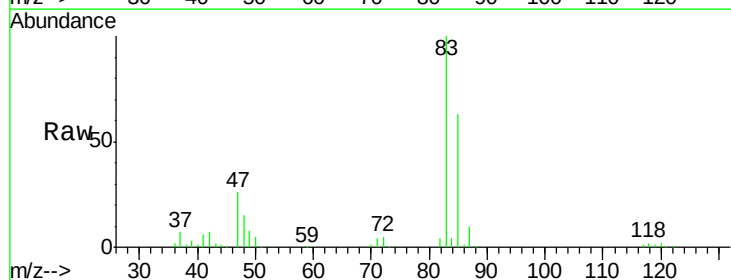
Manual Integrations
APPROVED

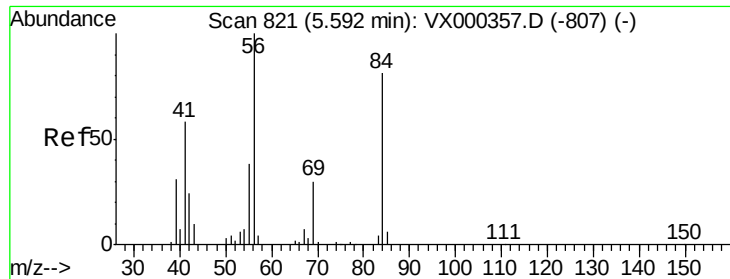
sam
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#30
Chloroform
Concen: 49.17 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	53.3	79.9





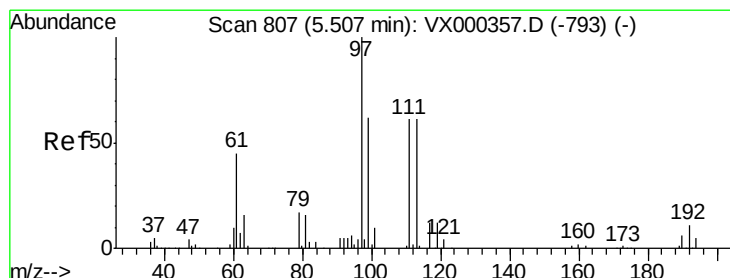
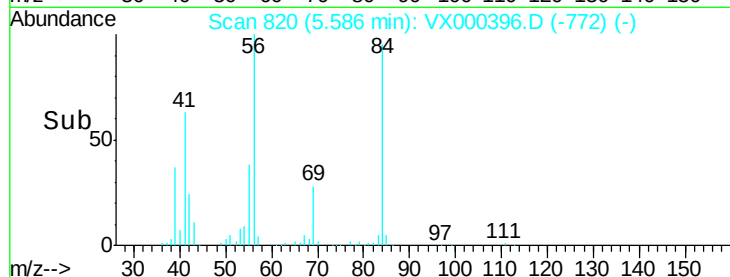
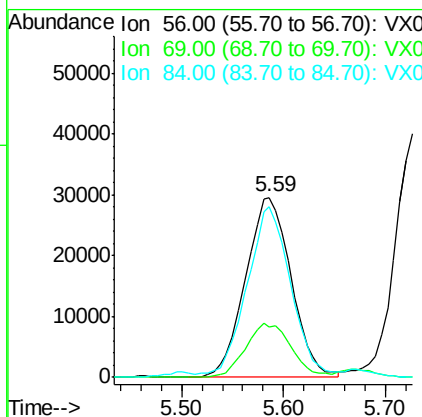
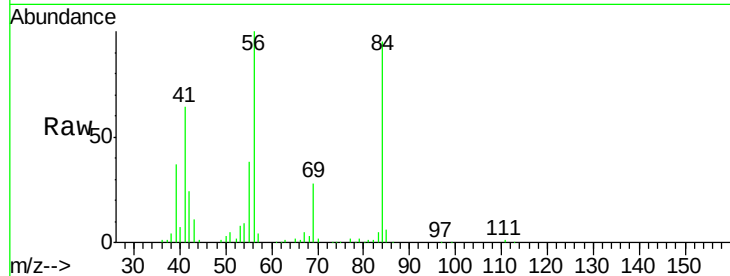
#31
Cyclohexane
Concen: 48.57 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.4	35.0
84	92.5	71.0	106.4

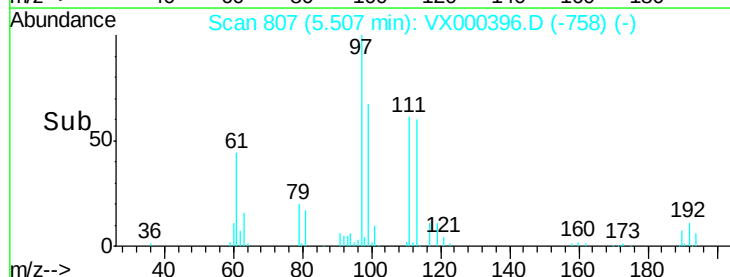
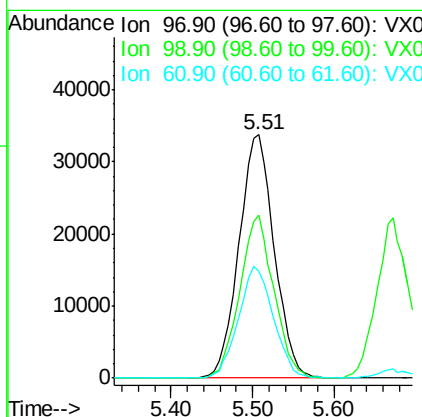
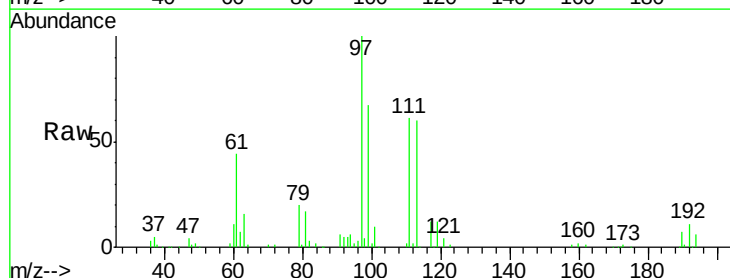
Manual Integrations
APPROVED

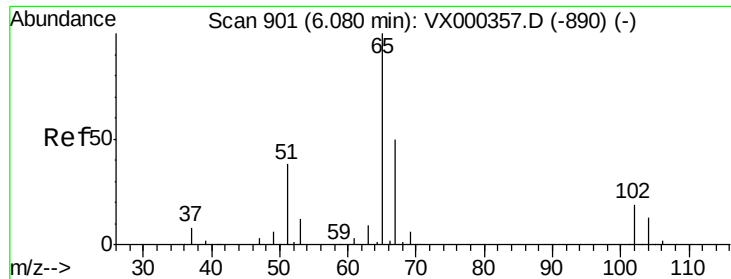
sam
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#32
1,1,1-Trichloroethane
Concen: 48.96 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.1	78.1
61	45.7	36.2	54.4





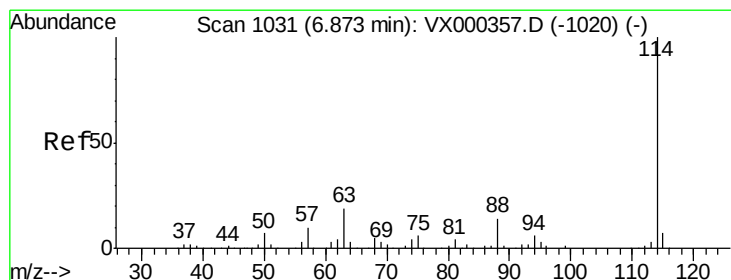
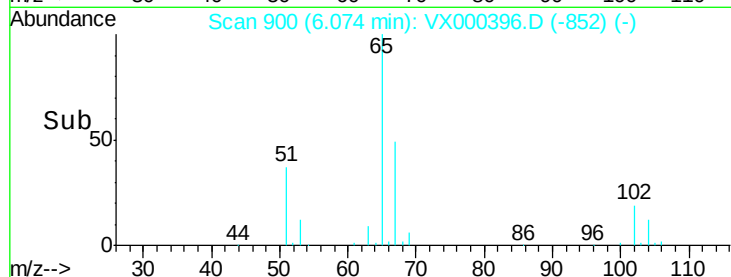
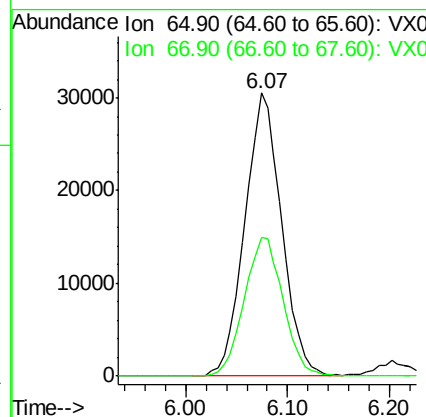
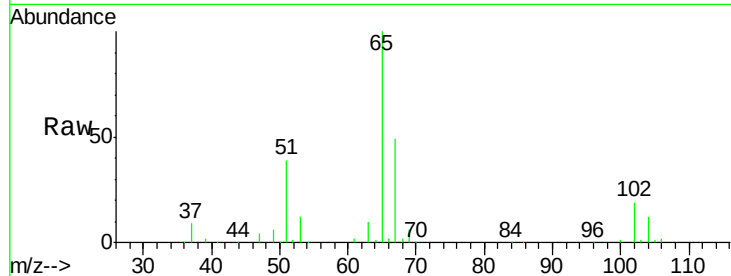
#33
 1,2-Dichloroethane-d4
 Concen: 50.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.2

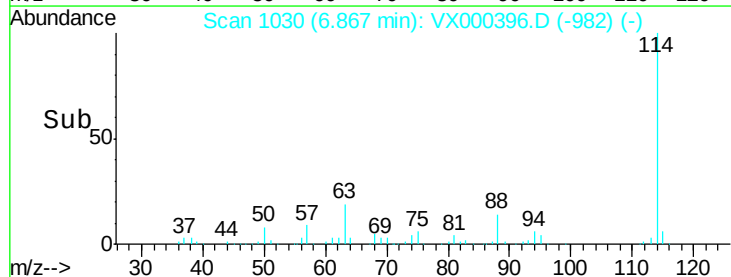
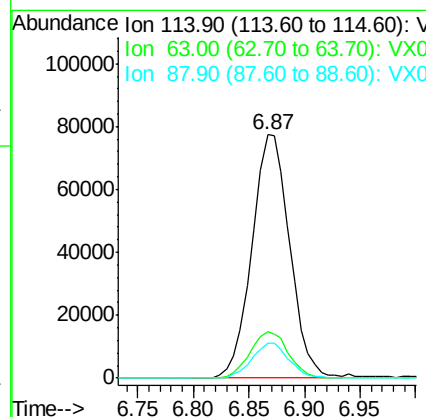
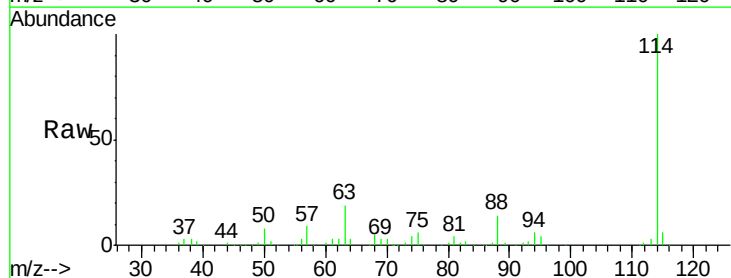
Manual Integrations
 APPROVED

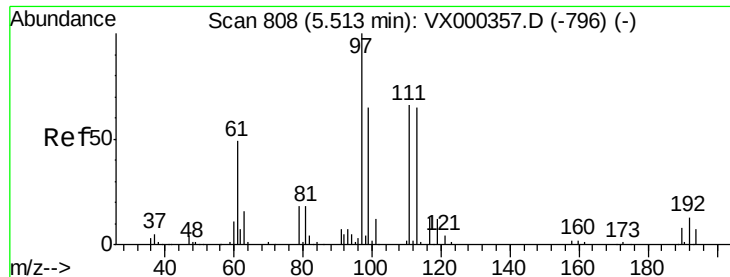
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	14.2	0.0	27.0





#35

Dibromofluoromethane

Concen: 50.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

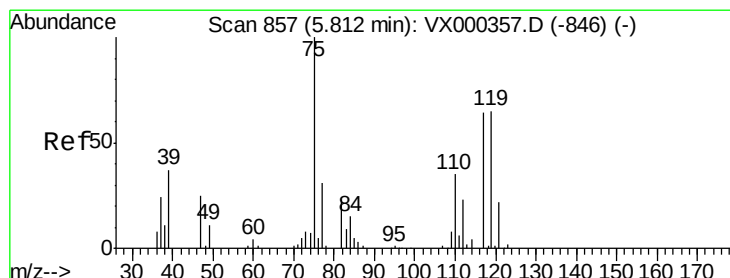
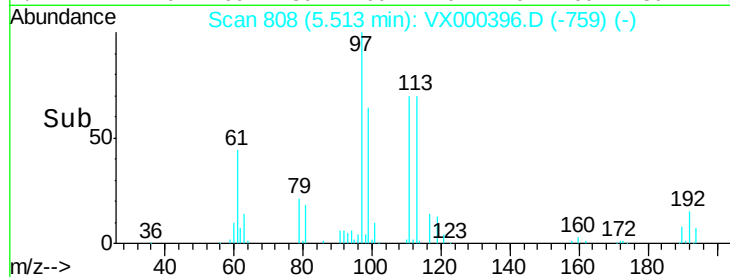
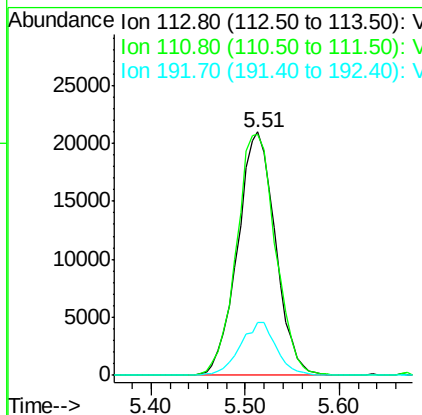
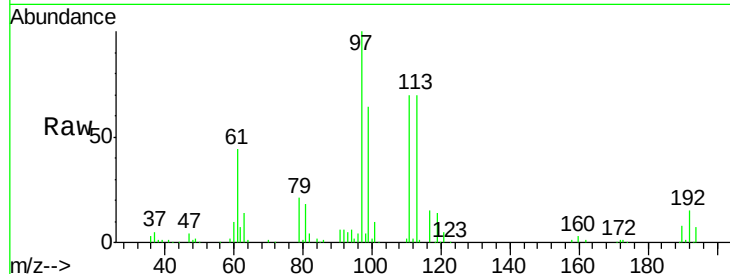
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	58767
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	20.9	15.8	23.6

Manual Integrations
APPROVED

sam
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#36

1,1-Dichloropropene

Concen: 48.36 ug/l

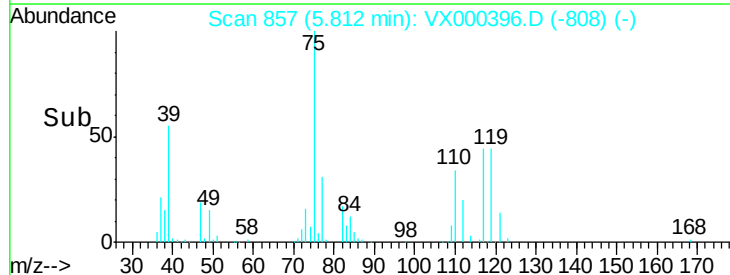
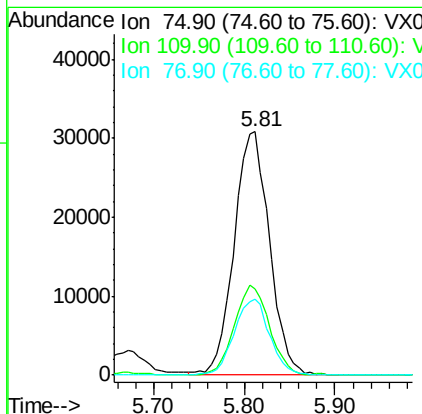
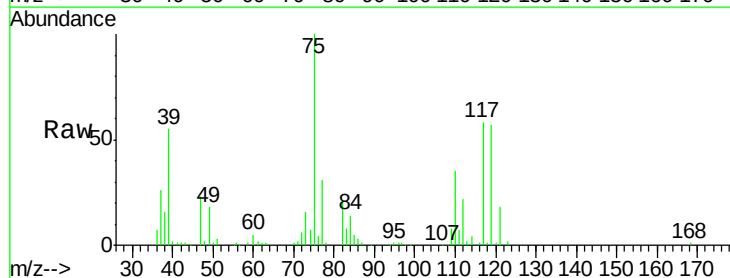
RT: 5.81 min Scan# 857

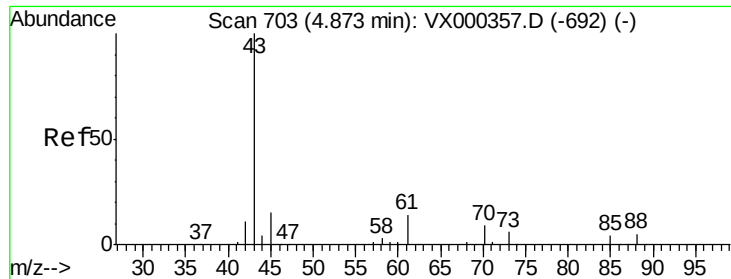
Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion:	75	Resp:	82897
Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.9	53.7
77	31.7	24.0	36.0





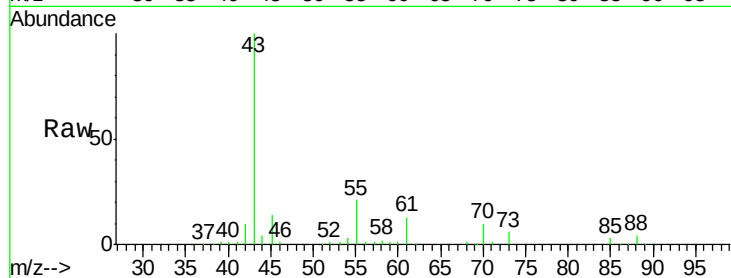
#37
Ethyl Acetate
Concen: 47.82 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

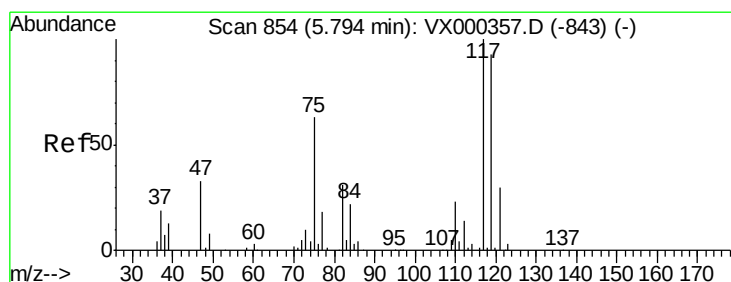
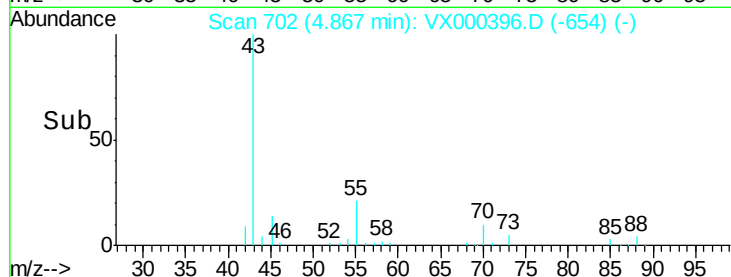
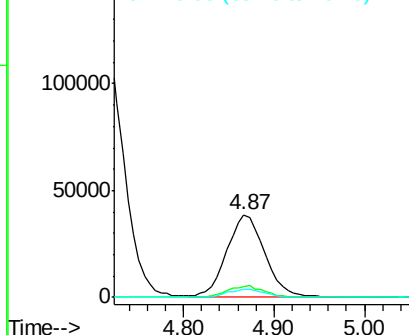
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	9.8	7.7	11.5

Manual Integrations
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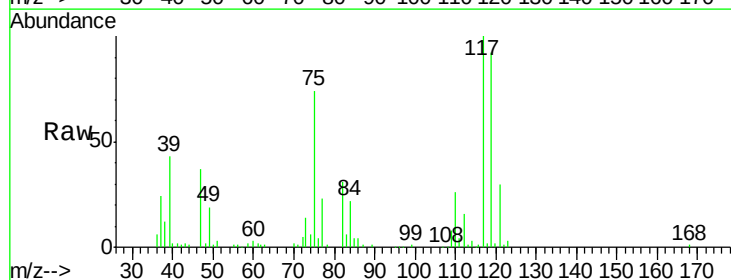


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

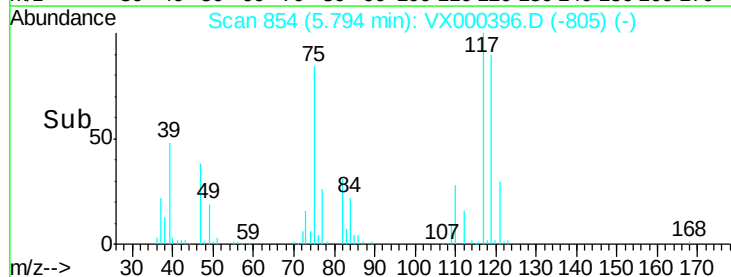
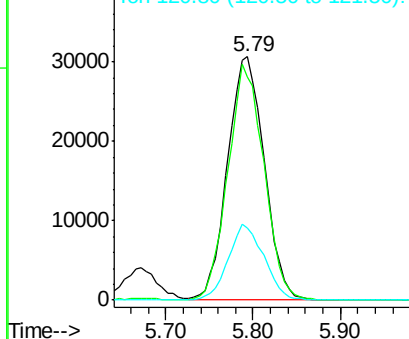


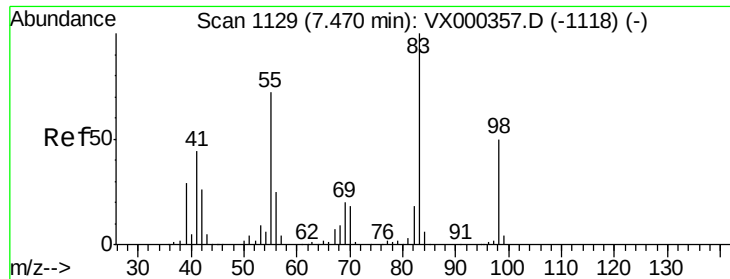
#38
Carbon Tetrachloride
Concen: 49.84 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.4	116.2
121	29.7	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





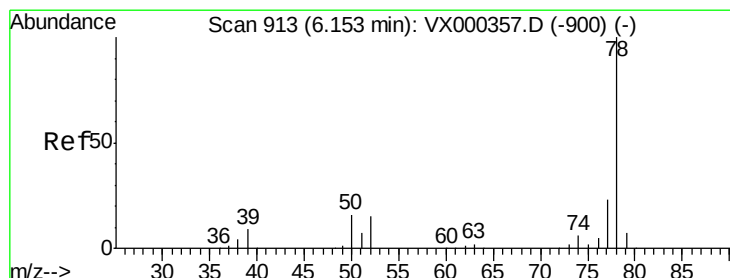
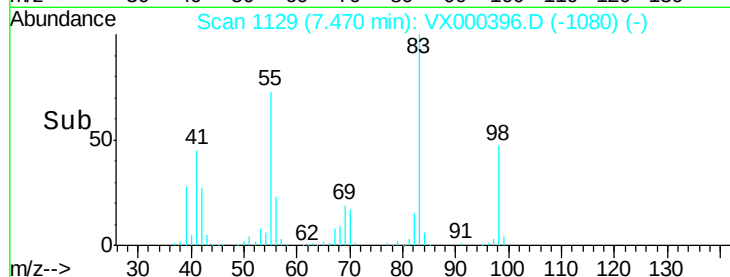
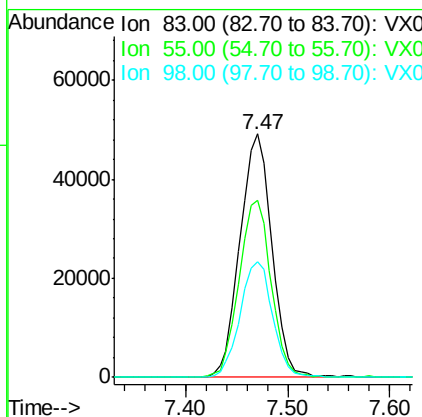
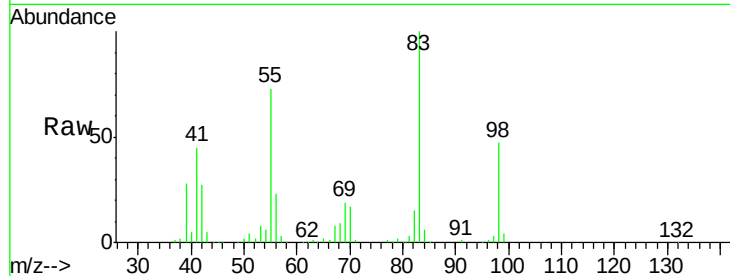
#39
Methylvlcyclohexane
Concen: 51.31 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	55.5	83.3
98	47.5	38.2	57.4

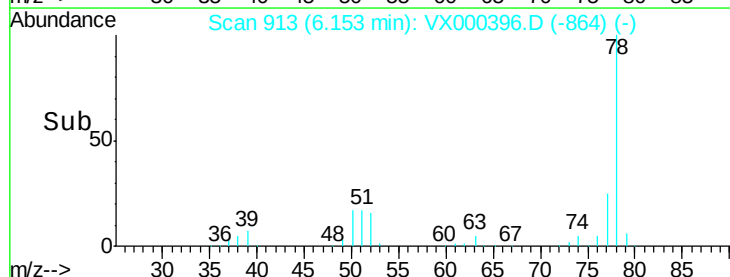
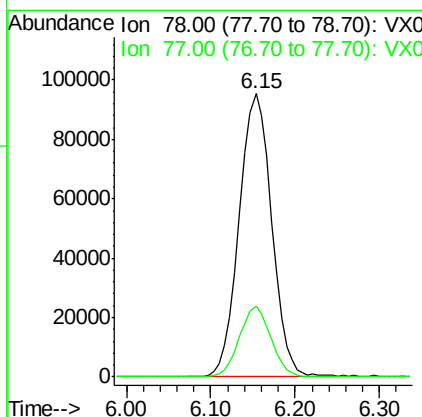
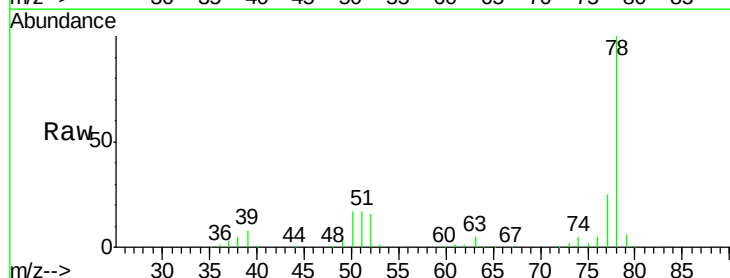
Manual Integrations
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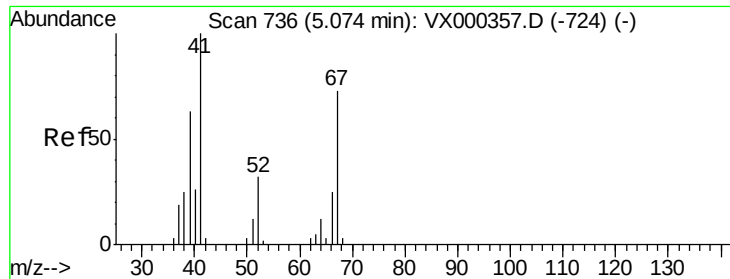
sam
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#40
Benzene
Concen: 50.10 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.7	28.1





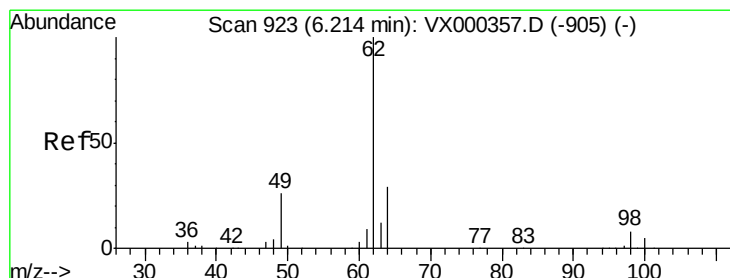
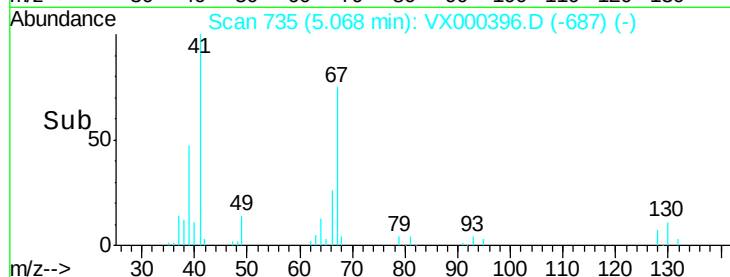
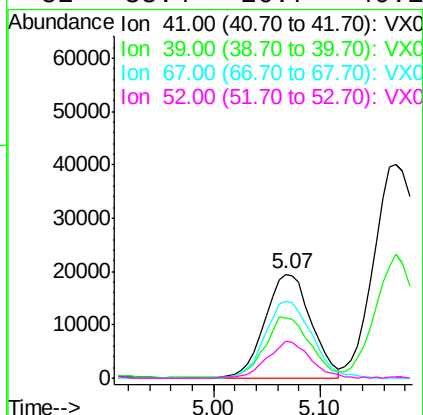
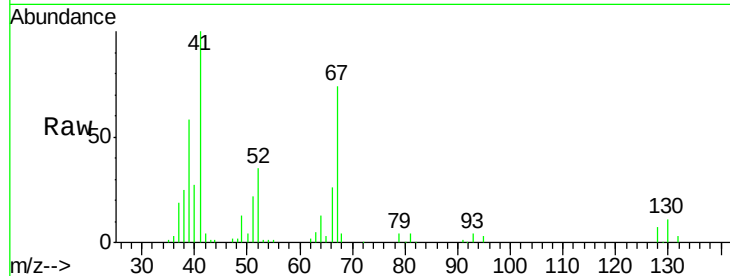
#41
Methacrylonitrile
Concen: 47.69 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	58861
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.7	68.5
67	75.0	57.8	86.8
52	33.4	26.7	40.1

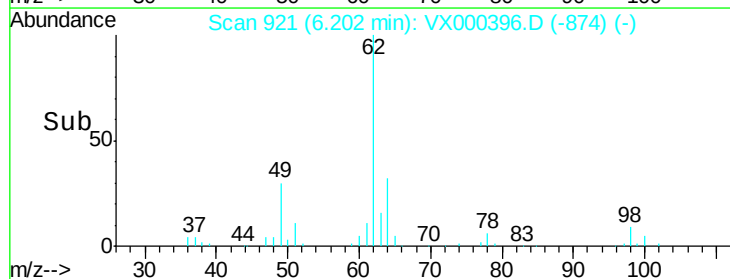
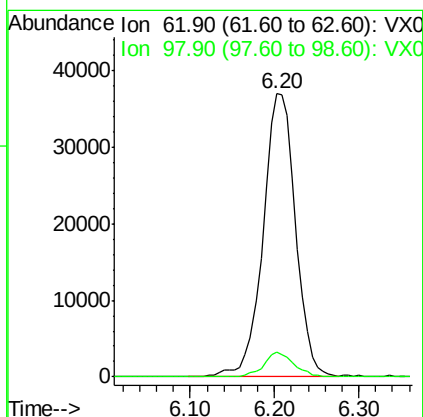
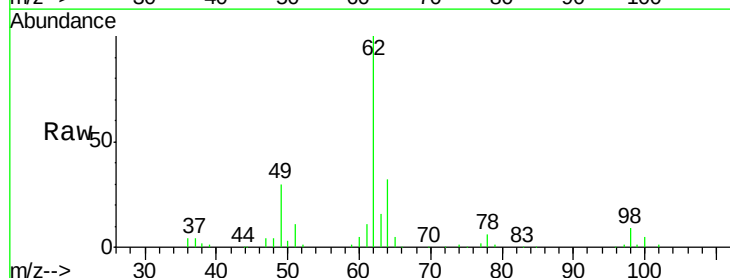
Manual Integrations
APPROVED

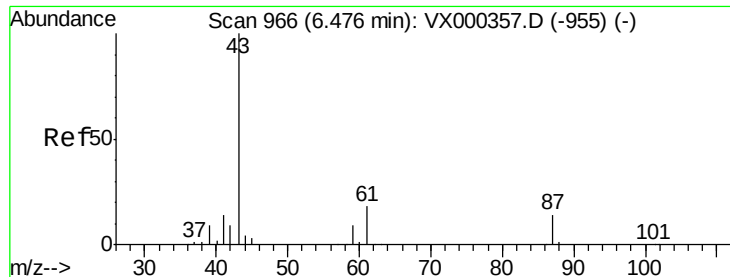
sam
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#42
1,2-Dichloroethane
Concen: 50.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion:	62	Resp:	98403
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

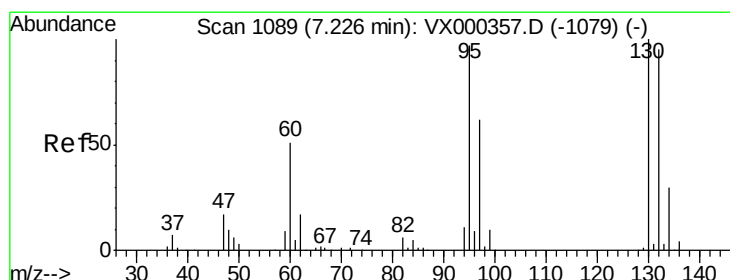
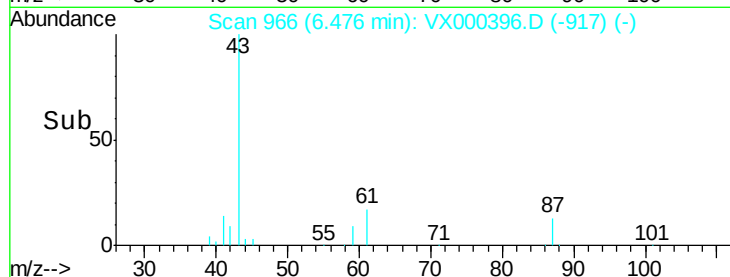
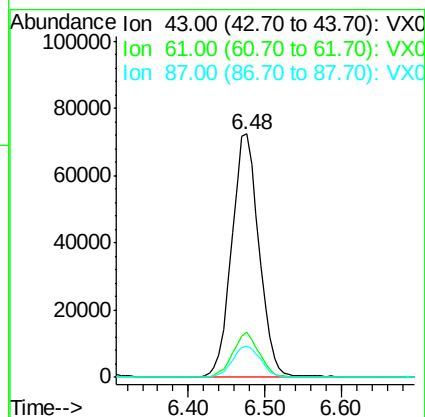
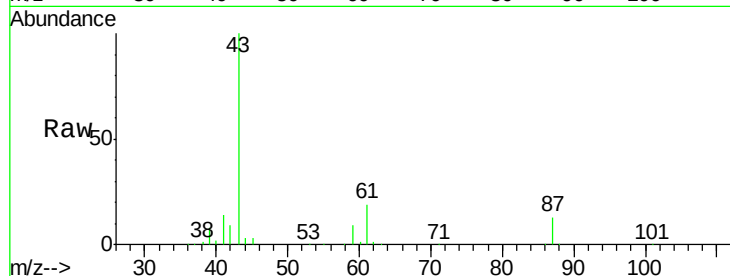
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	178659
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	13.1	11.0	16.4

Manual Integrations
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sam
3/23/2018 1:52:53 PM



#44

Trichloroethene

Concen: 50.21 ug/l

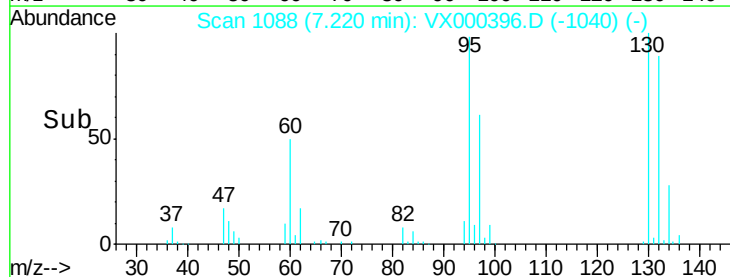
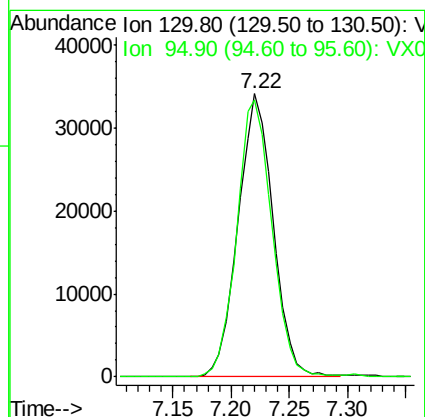
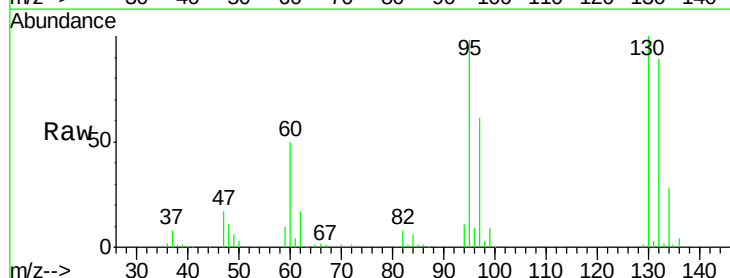
RT: 7.22 min Scan# 1088

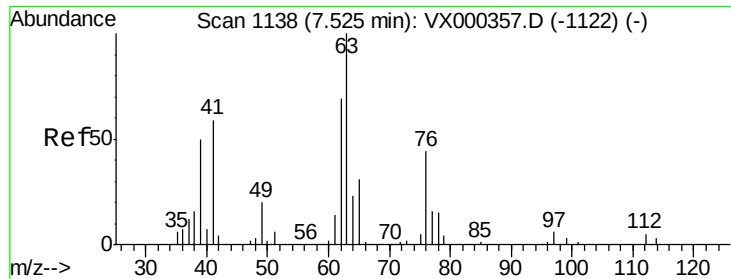
Delta R.T. -0.01 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion:	130	Resp:	71596
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	186.0





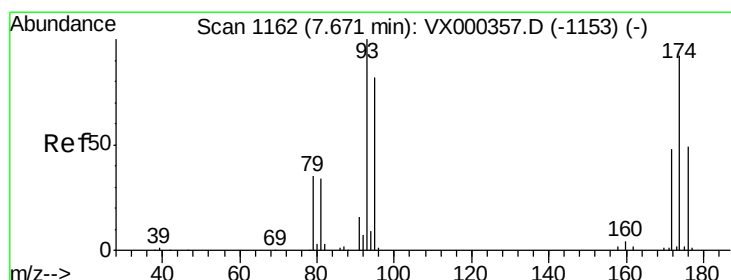
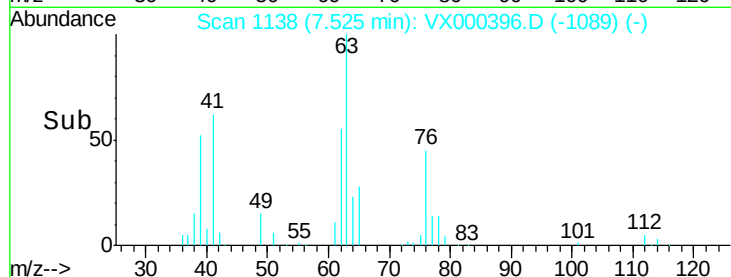
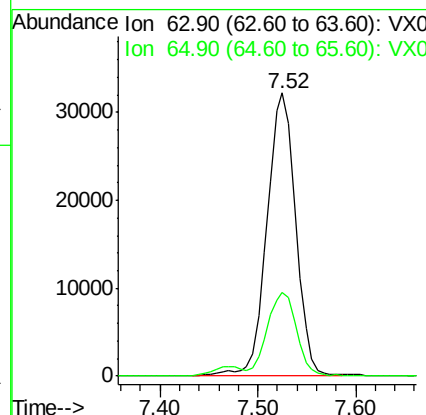
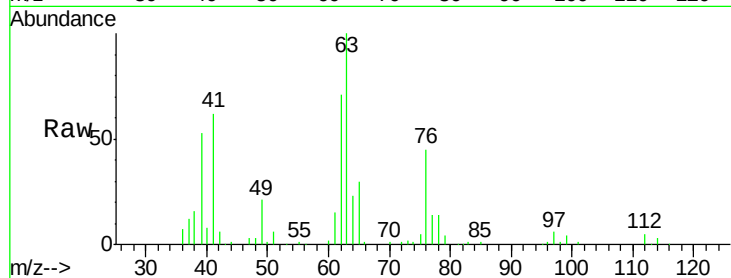
#45
 1,2-Dichloropropane
 Concen: 51.72 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 65898
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.6 36.8

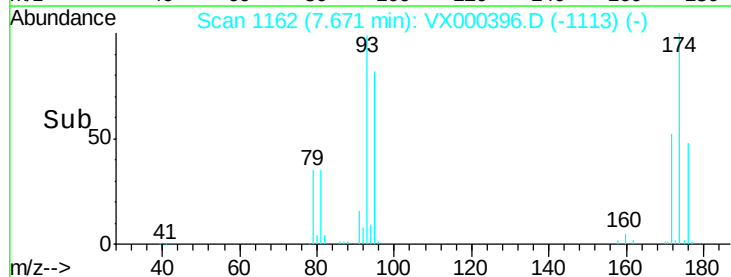
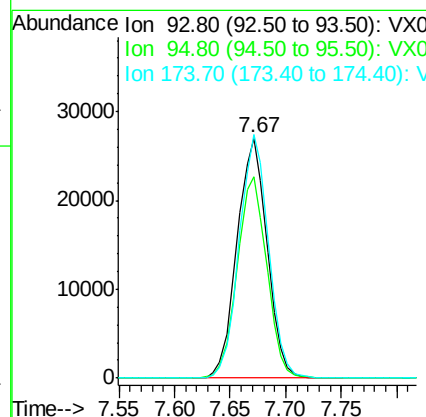
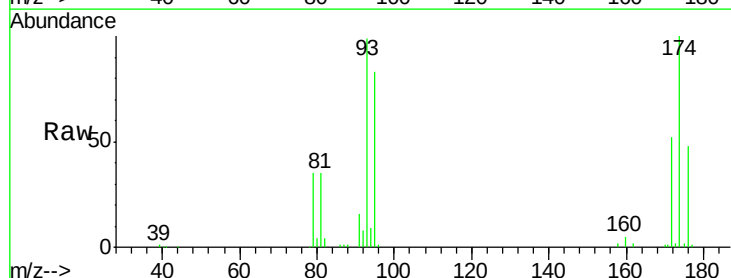
Manual Integrations
 APPROVED

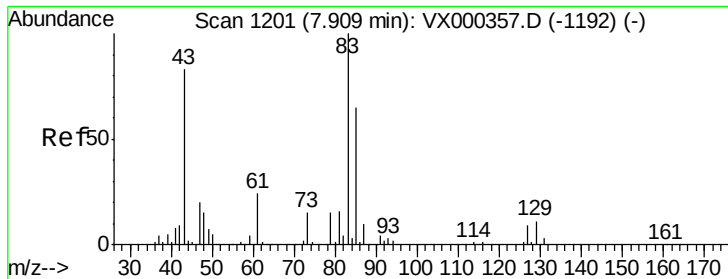
sam
 3/23/2018 1:52:53 PM



#46
 Dibromomethane
 Concen: 50.56 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion: 93 Resp: 50568
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.5 99.7
 174 98.4 76.0 114.0





#47

Bromodichloromethane

Concen: 52.75 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

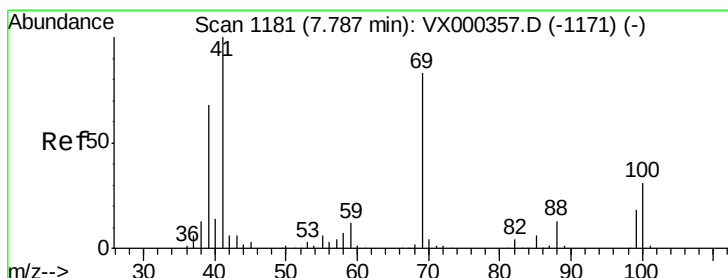
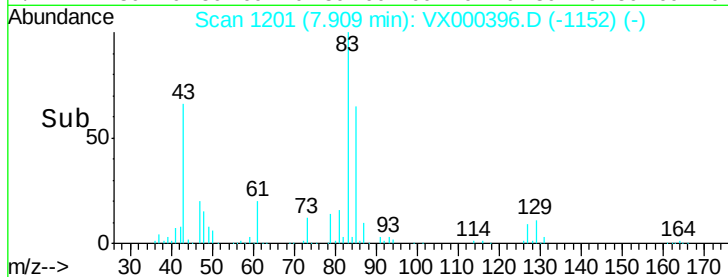
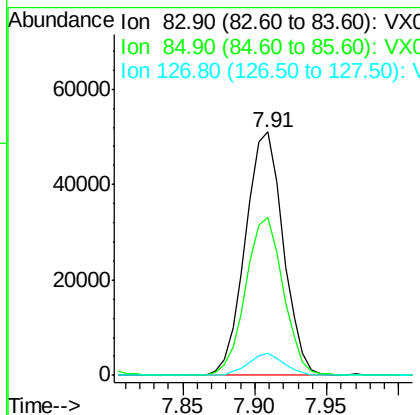
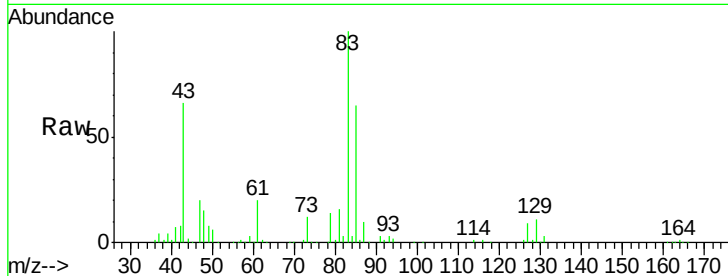
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	92823
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0
127	9.0	7.0	10.6

Manual Integrations
APPROVED

sam
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#48

Methyl methacrylate

Concen: 51.59 ug/l

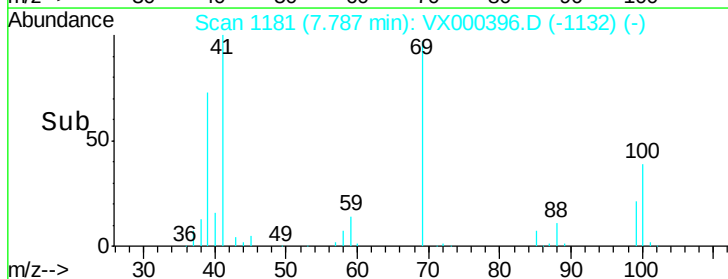
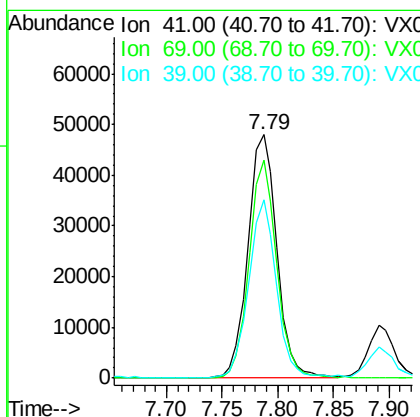
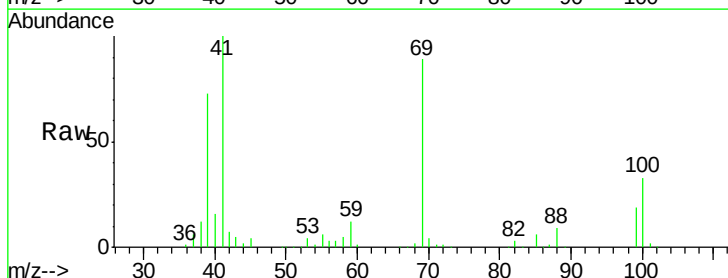
RT: 7.79 min Scan# 1181

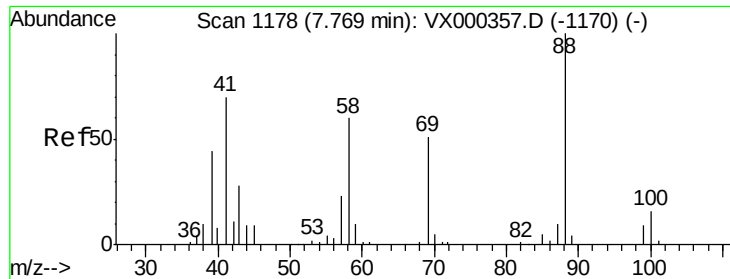
Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion:	41	Resp:	87292
Ion	Ratio	Lower	Upper
41	100		
69	85.5	68.2	102.4
39	69.8	54.6	81.8





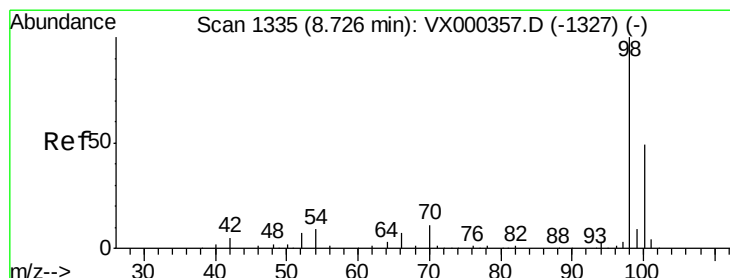
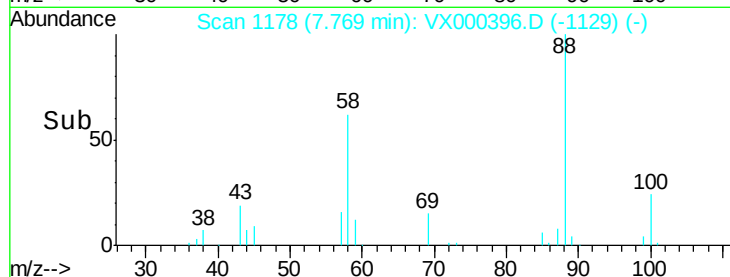
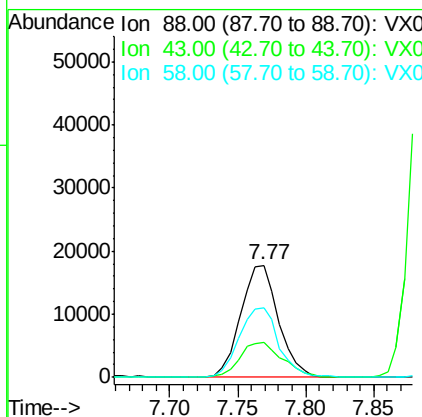
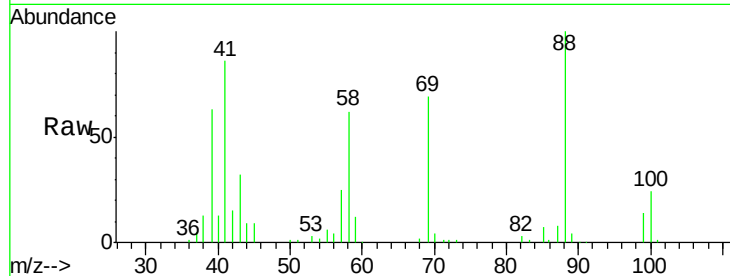
#49
 1,4-Dioxane
 Concen: 970.89 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	26.8	40.2
58	64.9	52.2	78.2

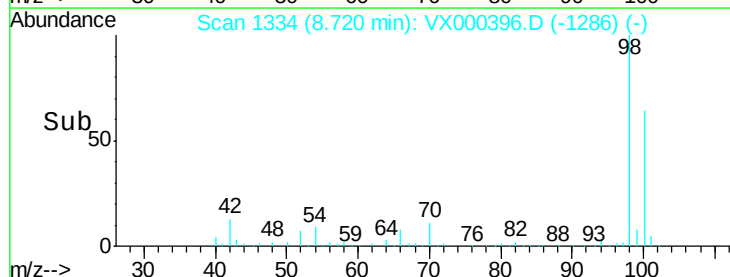
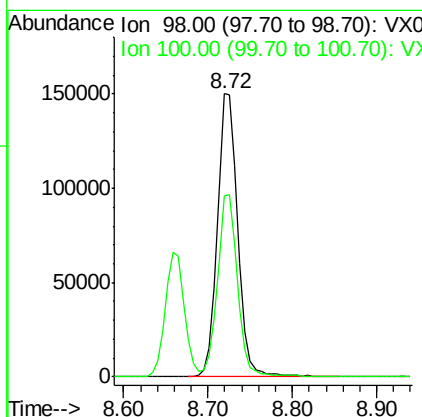
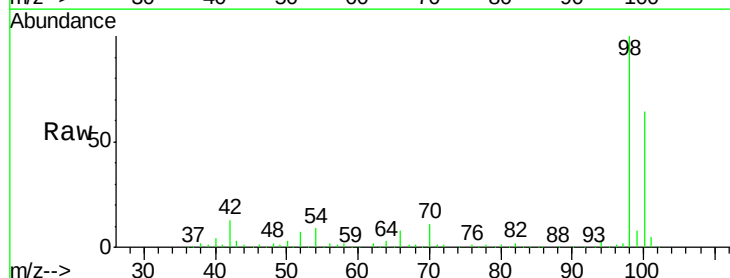
Manual Integrations
 APPROVED

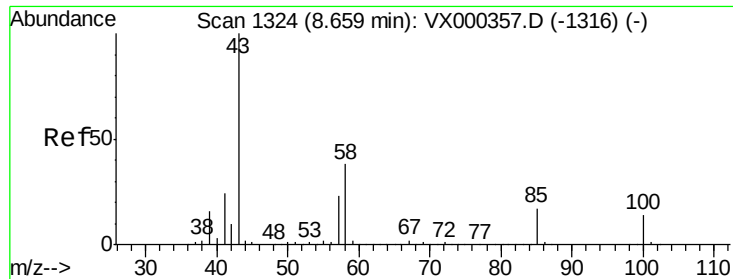
sam
 3/23/2018 1:52:53 PM



#50
 Toluene-d8
 Concen: 52.40 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 265.21 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 715440

Ion Ratio Lower Upper

43 100

58 37.0

30.3

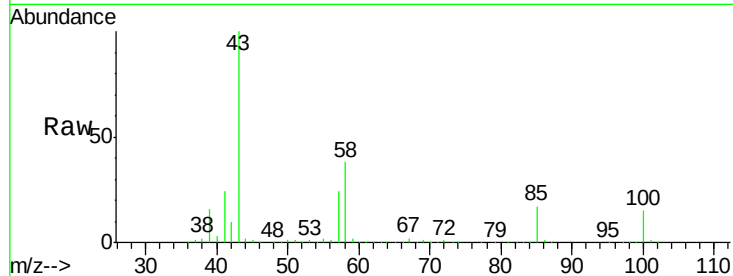
45.5

Manual Integrations

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sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

200000

100000

0

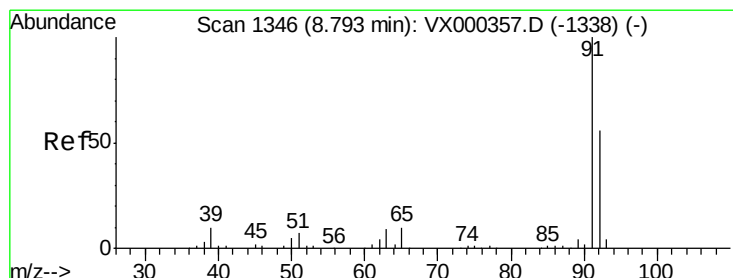
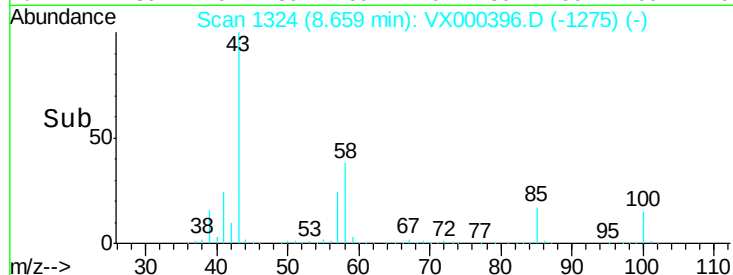
8.60

8.66

8.70

8.80

Time-->



#52

Toluene

Concen: 50.81 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion: 92 Resp: 176803

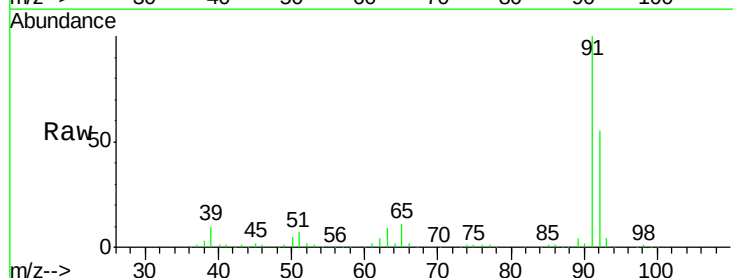
Ion Ratio Lower Upper

92 100

91 177.7

140.2

210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

50000

0

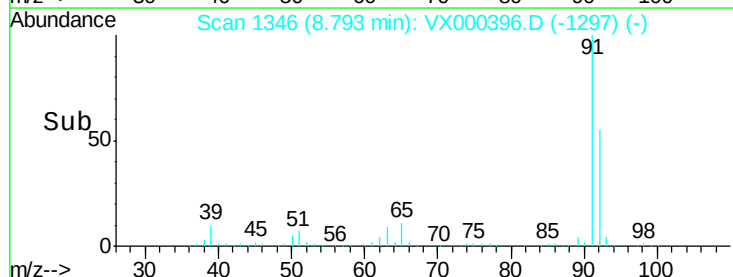
8.70

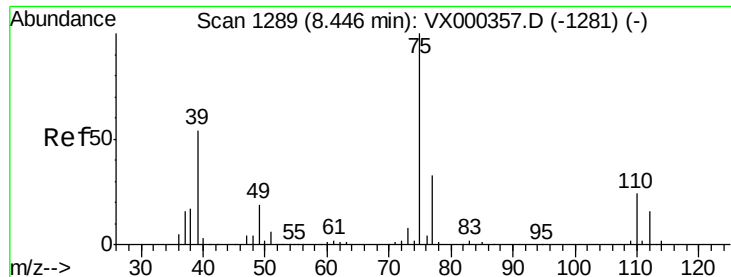
8.79

8.80

8.90

Time-->





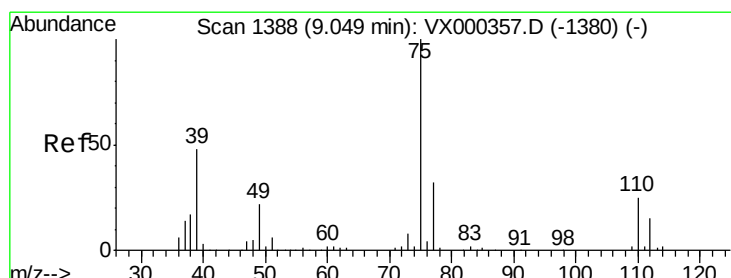
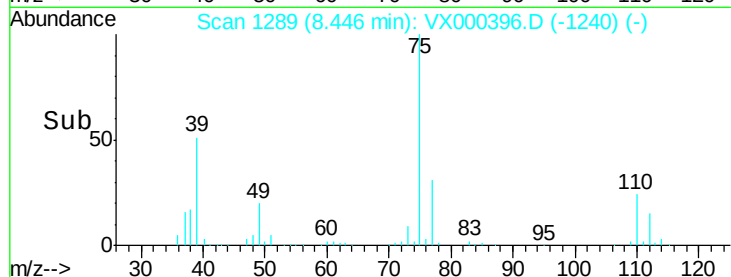
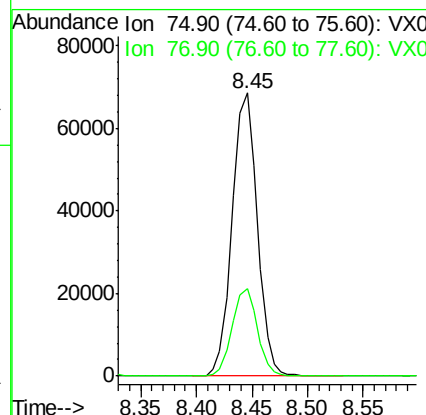
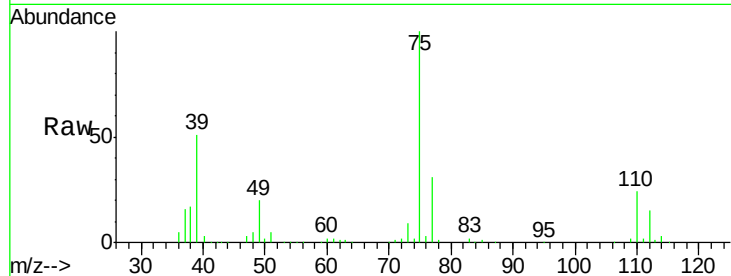
#53
t-1,3-Dichloropropene
Concen: 52.97 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.0	36.0

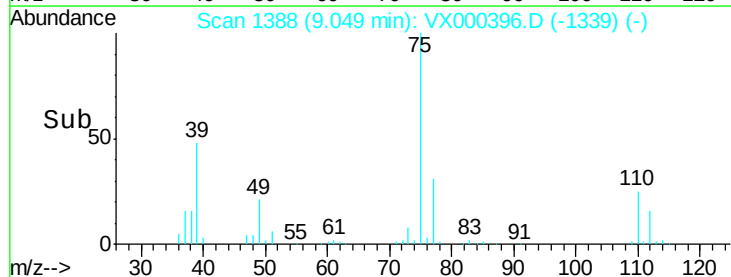
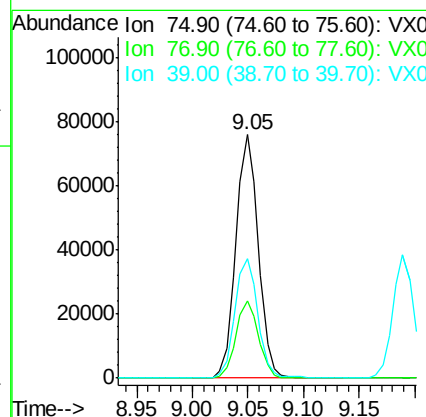
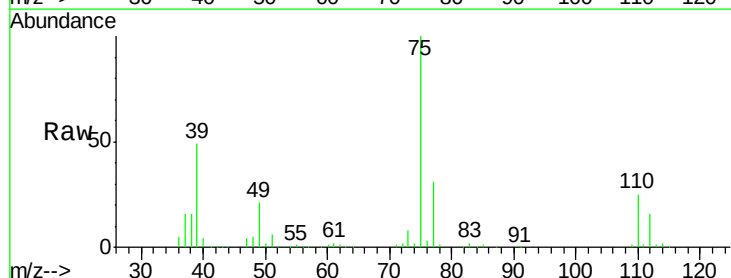
Manual Integrations
APPROVED

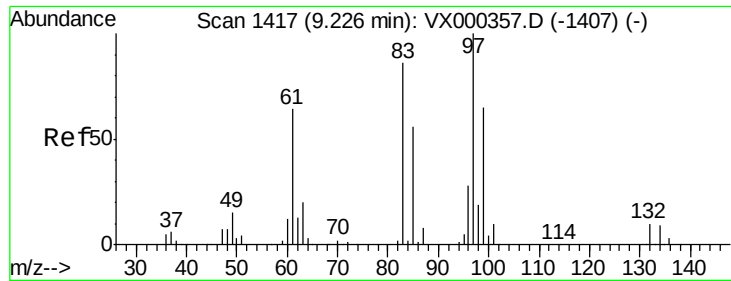
sam
3/23/2018 1:52:53 PM



#54
cis-1,3-Dichloropropene
Concen: 53.44 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.1	39.1
39	48.8	39.8	59.6





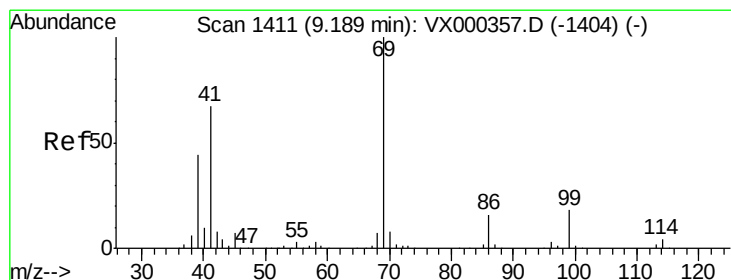
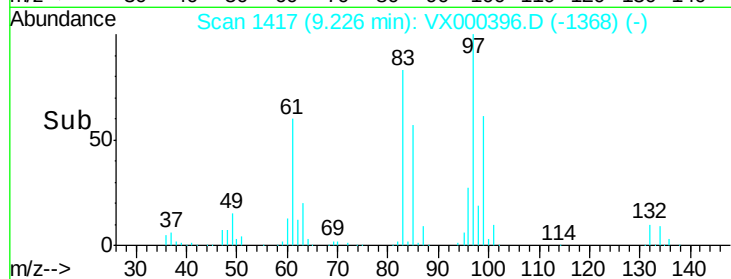
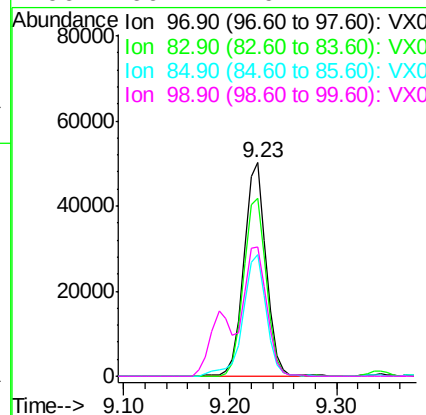
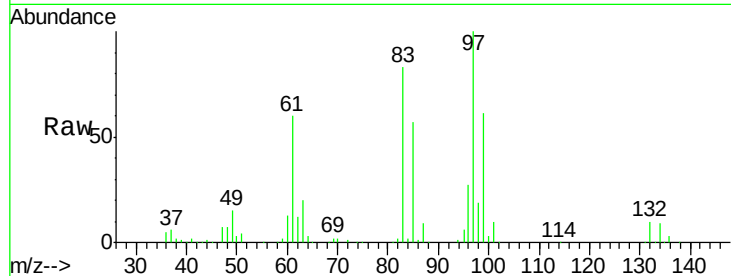
#55
 1,1,2-Trichloroethane
 Concen: 51.54 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	73753
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.9	101.9
85	56.7	42.8	64.2
99	60.7	49.4	74.2

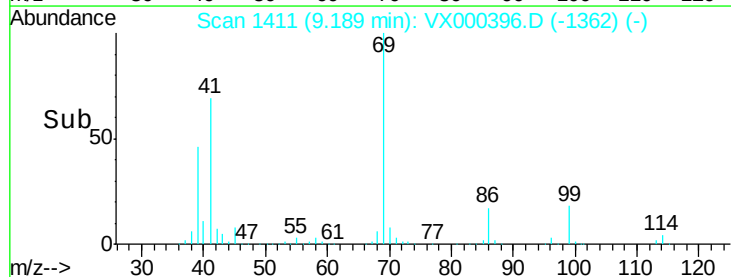
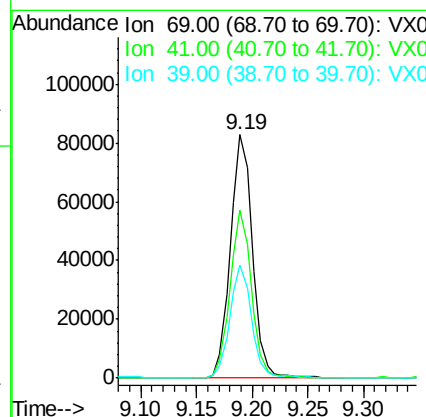
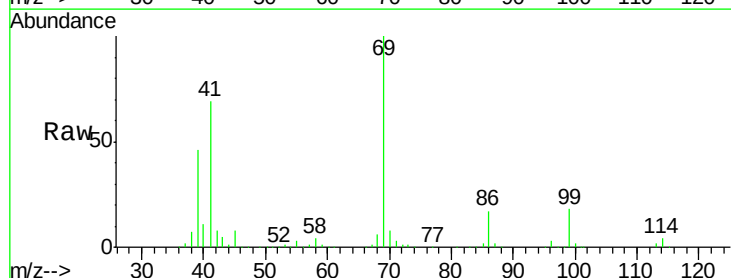
Manual Integrations
 APPROVED

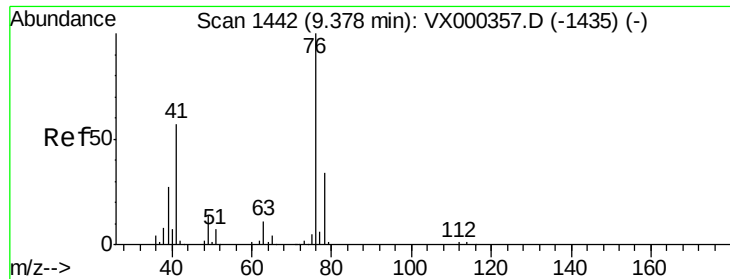
sam
 3/23/2018 1:52:53 PM



#56
 Ethyl methacrylate
 Concen: 52.57 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion:	69	Resp:	113989
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.0	79.6
39	45.0	35.3	52.9





#57

1,3-Dichloropropane

Concen: 53.26 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 121895

Ion Ratio Lower Upper

76 100

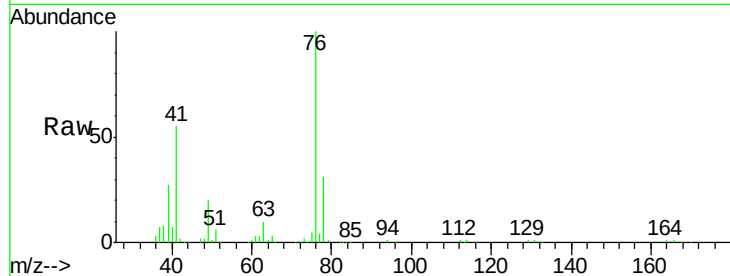
78 32.0 26.4 39.6

Manual Integrations

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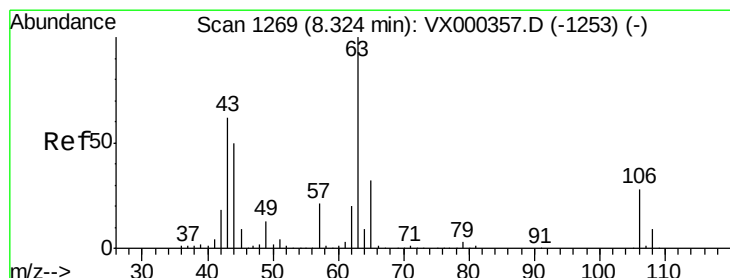
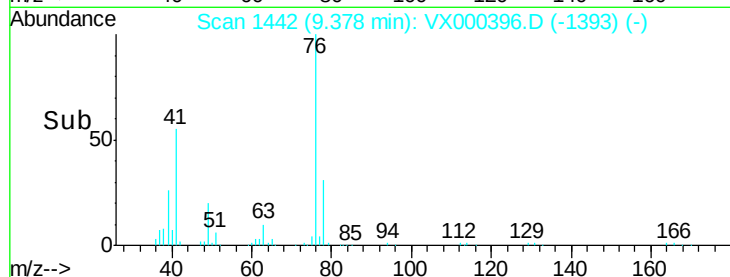
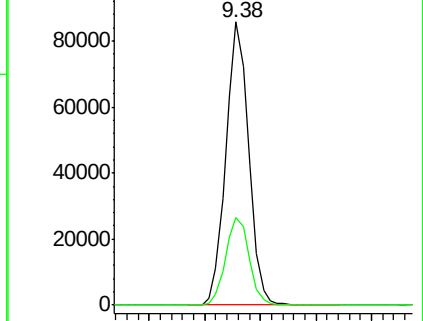
sam

3/23/2018 1:52:53 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 279.30 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000396.D

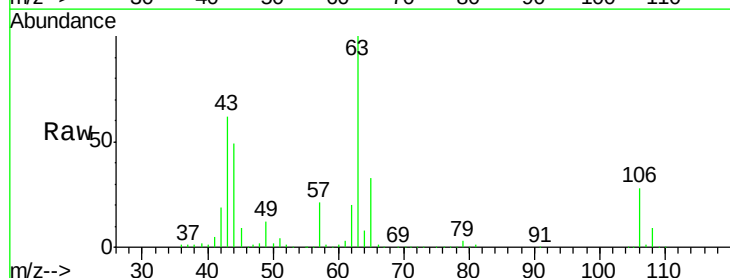
Acq: 22 Mar 2018 10:34

Tgt Ion: 63 Resp: 290671

Ion Ratio Lower Upper

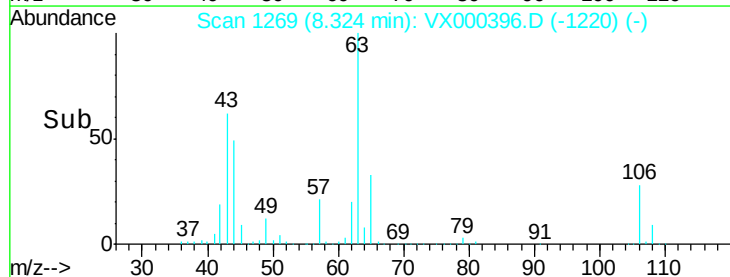
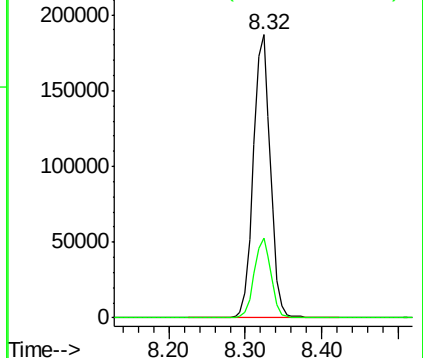
63 100

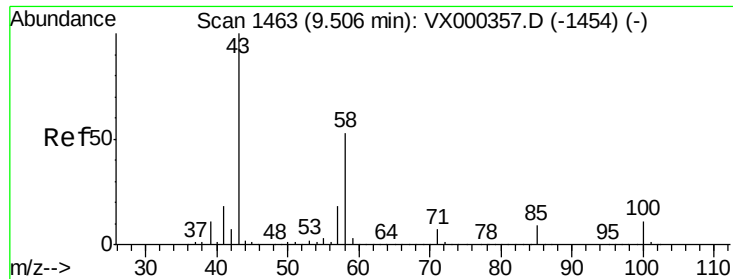
106 27.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





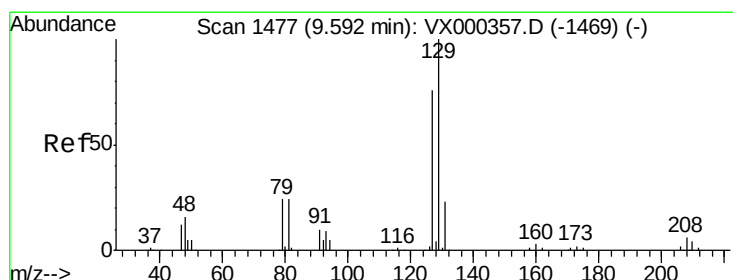
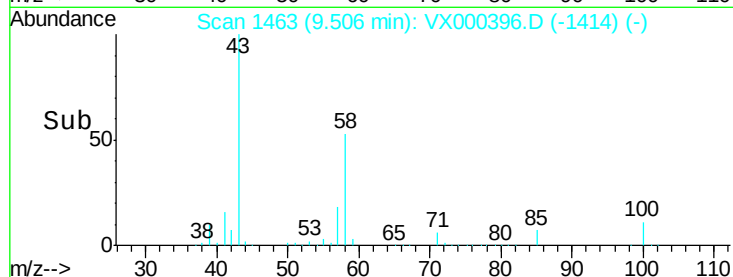
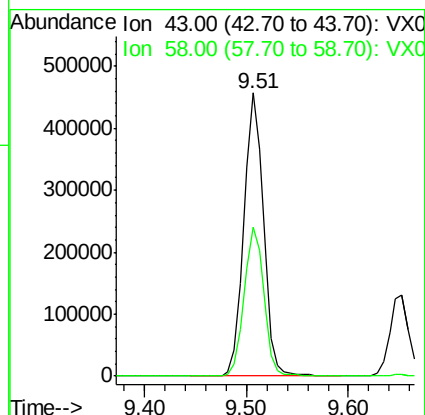
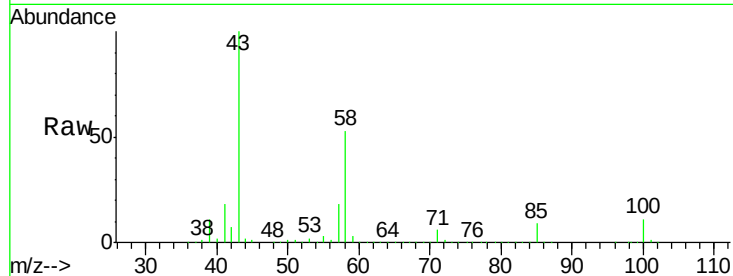
#59
2-Hexanone
Concen: 264.26 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 605313
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7

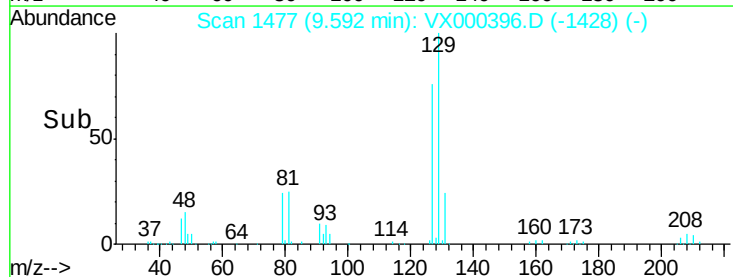
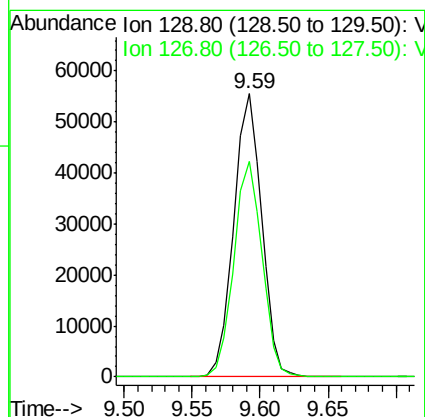
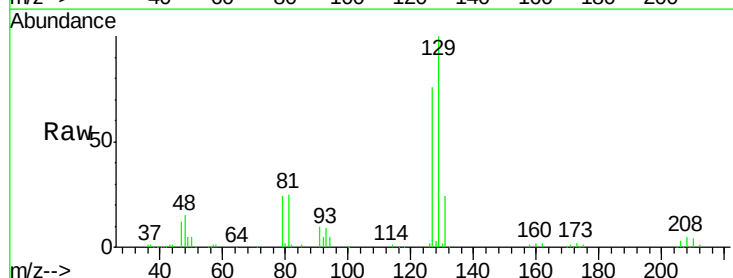
Manual Integrations
APPROVED

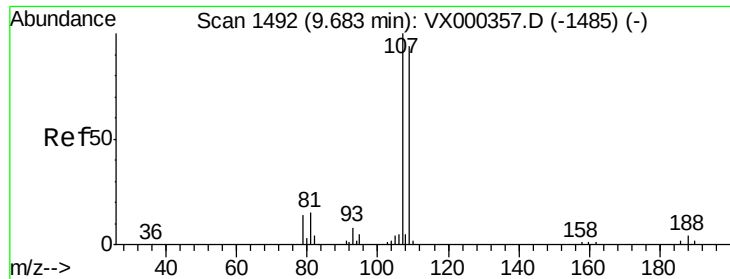
sam
3/23/2018 1:52:53 PM



#60
Dibromochloromethane
Concen: 47.28 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 129 Resp: 79657
Ion Ratio Lower Upper
129 100
127 76.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.32 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 80292

Ion Ratio Lower Upper

107 100

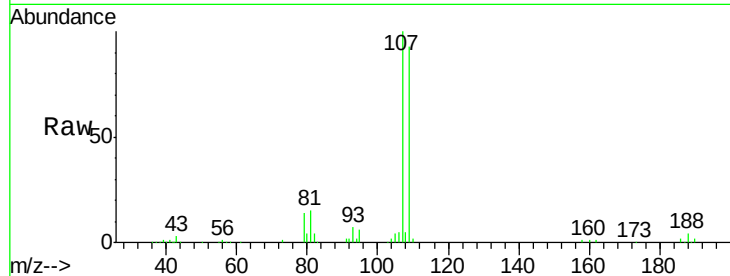
109 94.3 76.1 114.1

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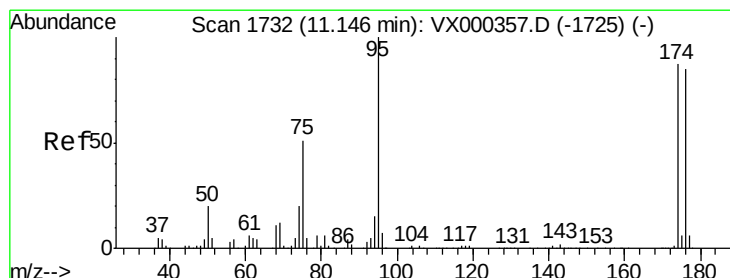
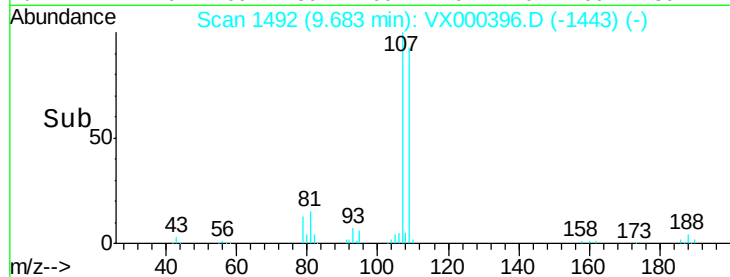
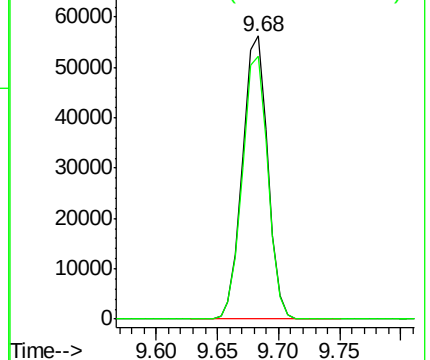
sam

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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: 47.22 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

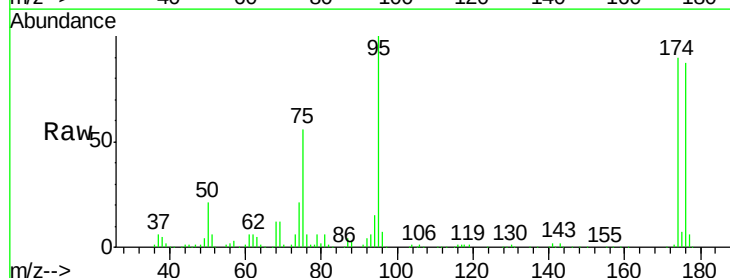
Tgt Ion: 95 Resp: 94500

Ion Ratio Lower Upper

95 100

174 90.5 0.0 173.6

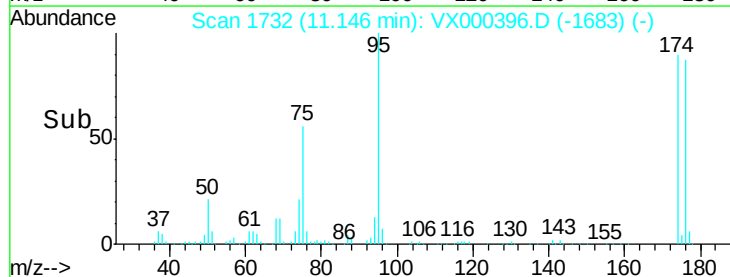
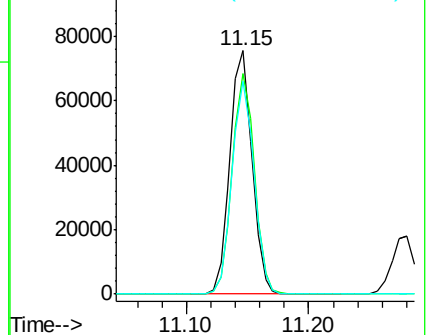
176 86.8 0.0 164.6

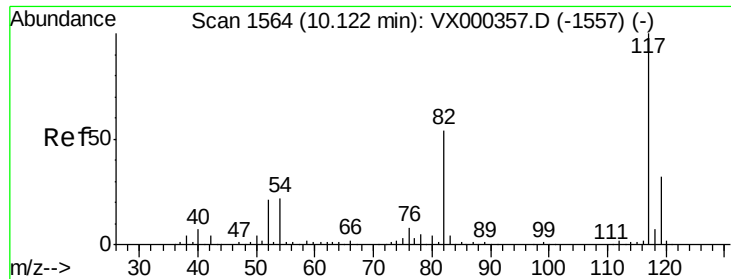


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





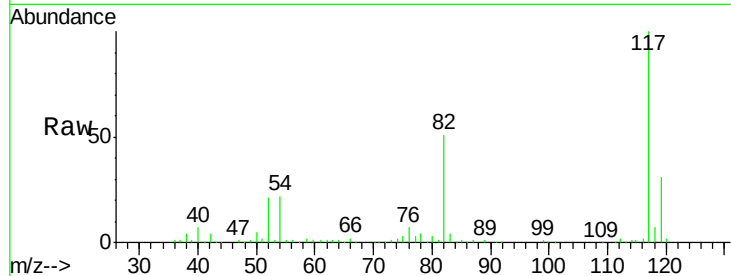
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

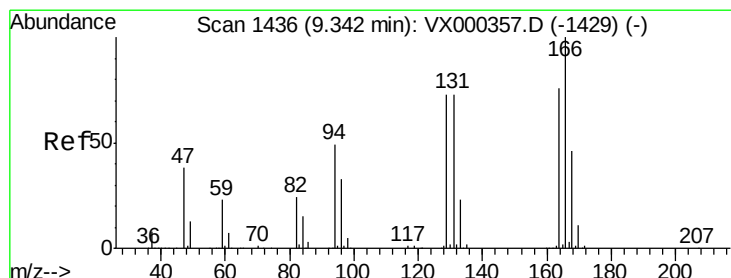
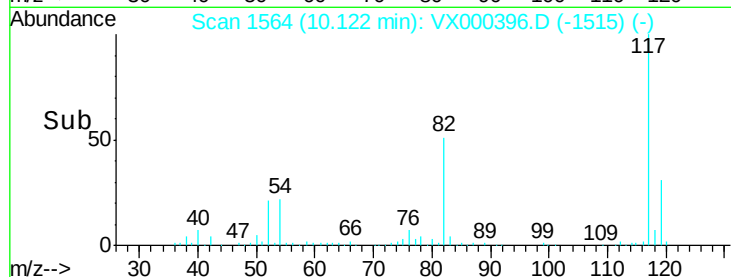
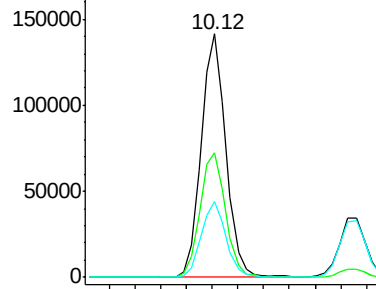
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.8	65.8
119	31.4	24.9	37.3

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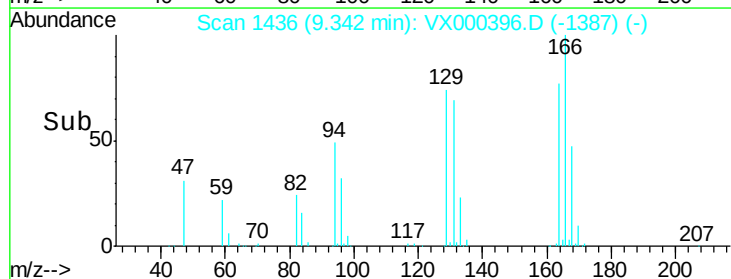
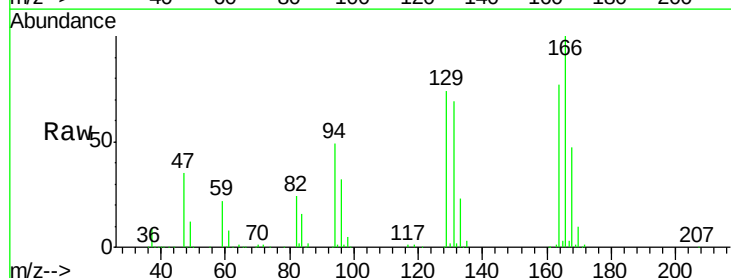
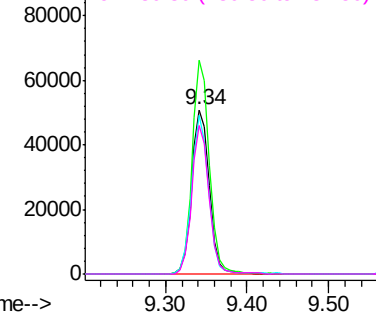
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

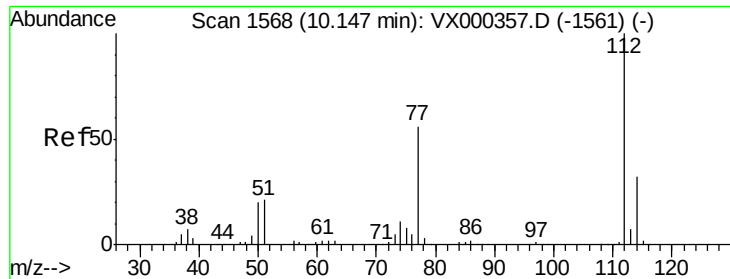


#64
Tetrachloroethene
Concen: 51.95 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	101.0	151.6
129	96.7	79.0	118.4
131	90.0	71.9	107.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





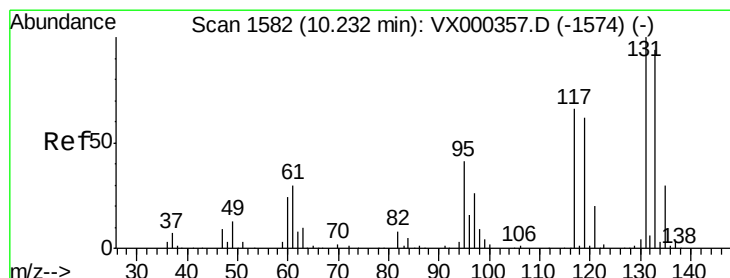
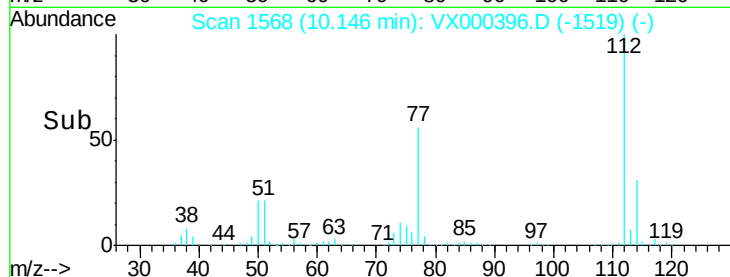
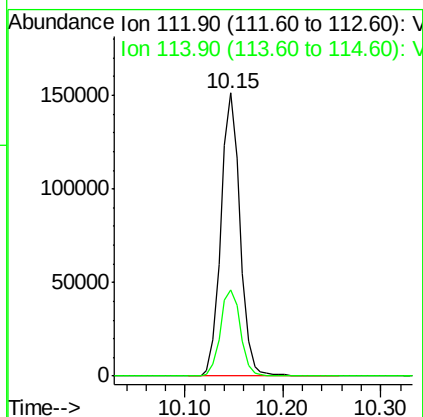
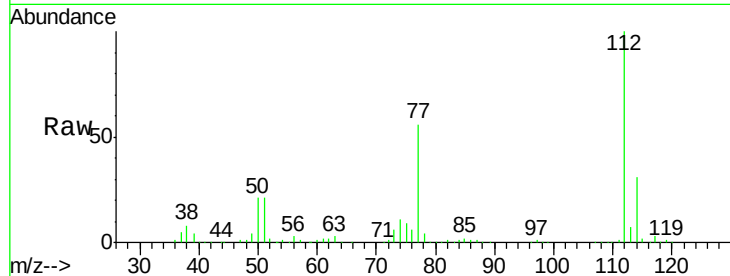
#65
Chlorobenzene
Concen: 48.53 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 205472
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

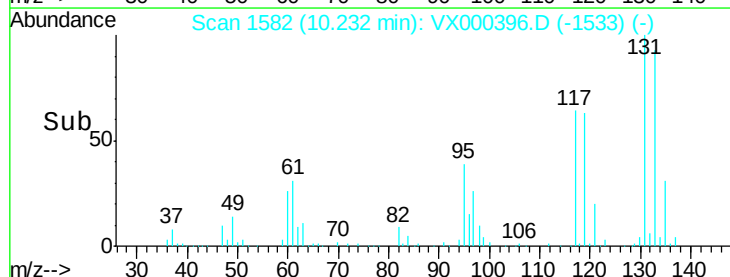
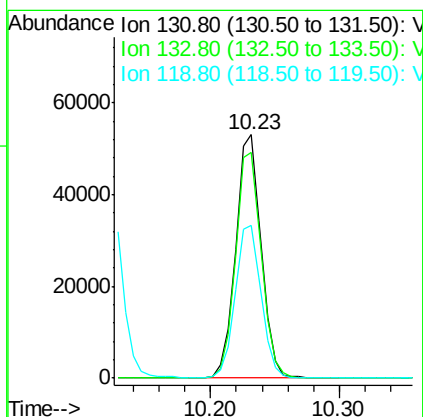
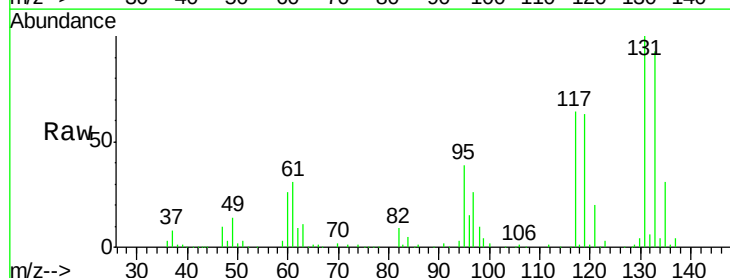
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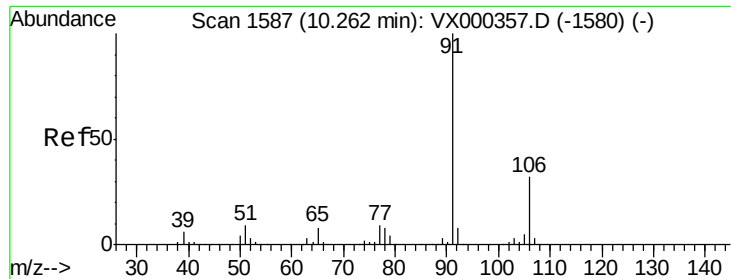
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.50 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion:131 Resp: 72611
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 64.2 33.1 99.2





#67

Ethyl Benzene

Concen: 49.75 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 357031

Ion Ratio Lower Upper

91 100

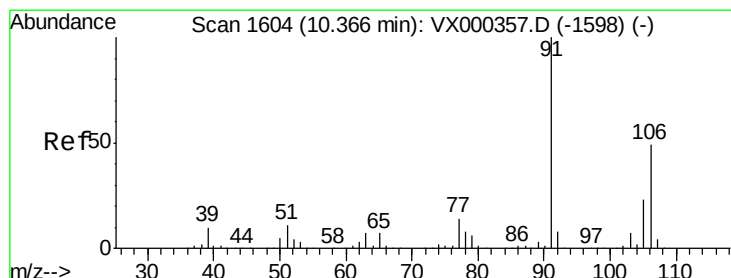
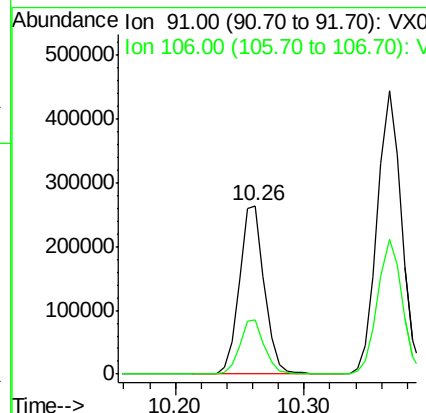
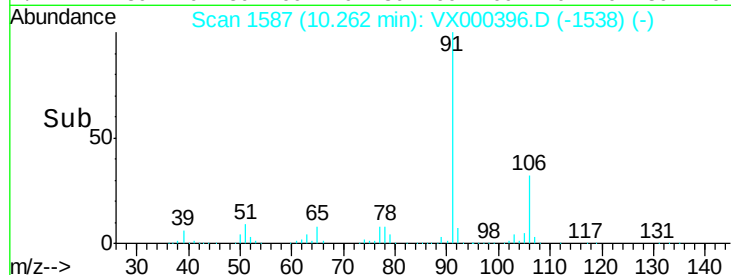
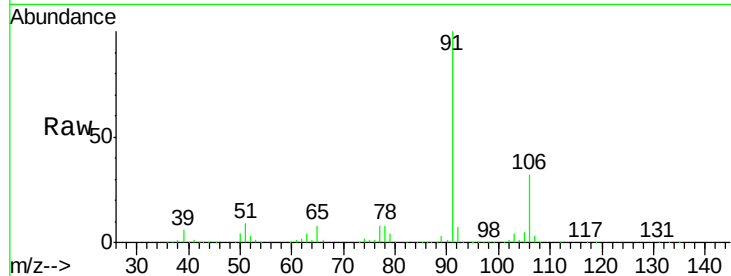
106 32.1 25.0 37.6

Manual Integrations

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sam

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#68

m/p-Xylenes

Concen: 98.21 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000396.D

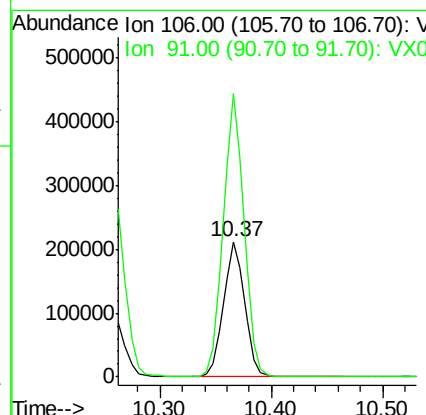
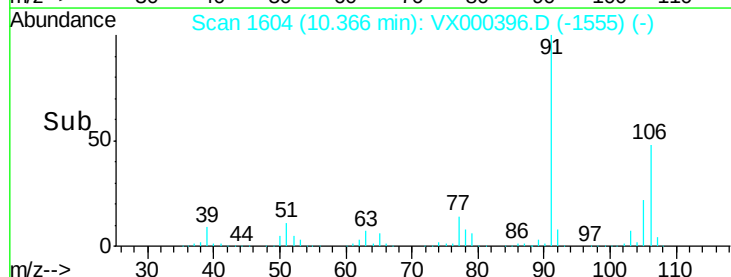
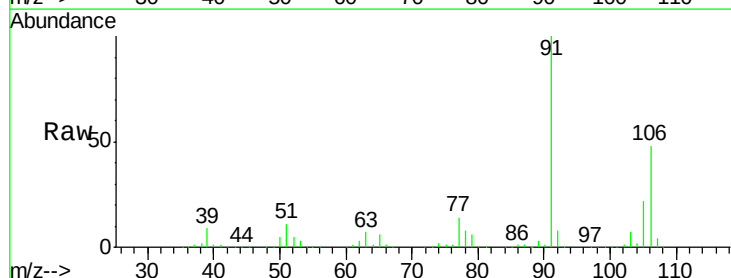
Acq: 22 Mar 2018 10:34

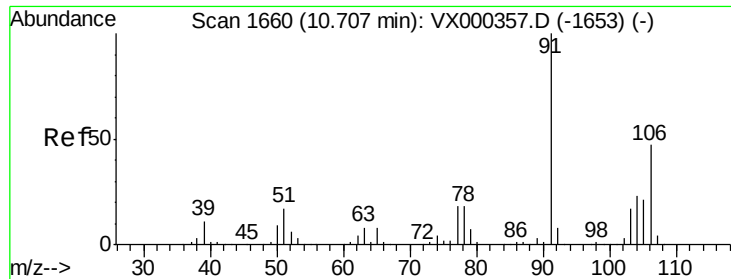
Tgt Ion: 106 Resp: 277345

Ion Ratio Lower Upper

106 100

91 207.2 163.4 245.2





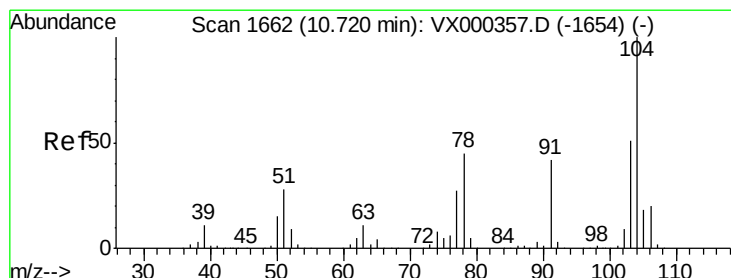
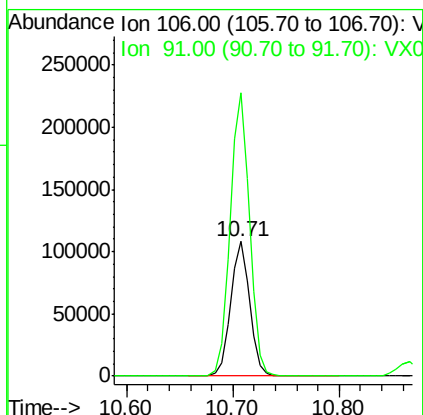
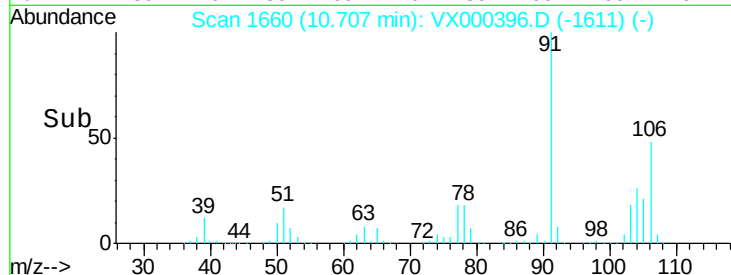
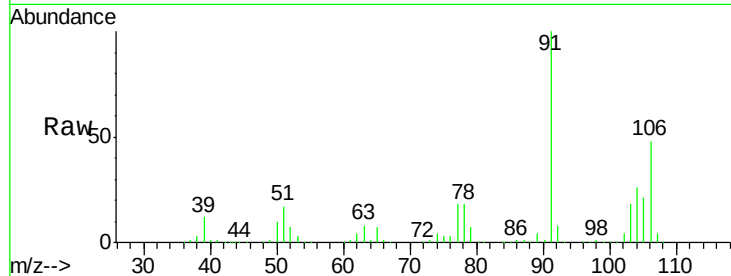
#69
o-Xylene
Concen: 49.79 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 136130
Ion Ratio Lower Upper
106 100
91 213.6 106.5 319.6

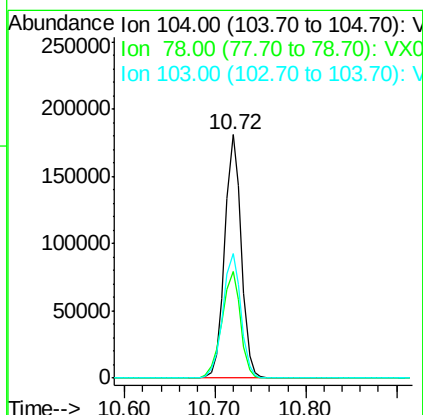
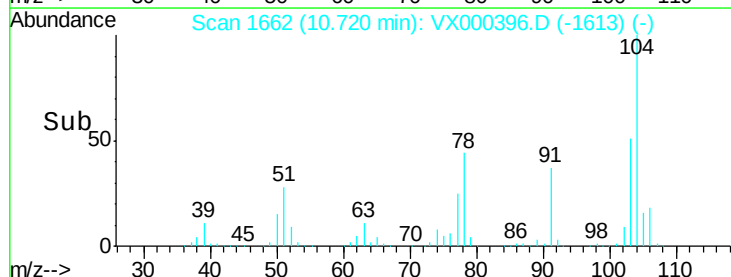
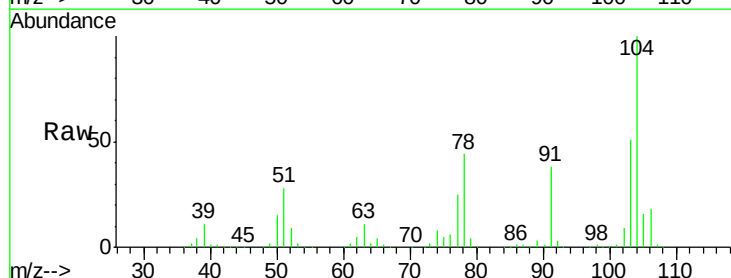
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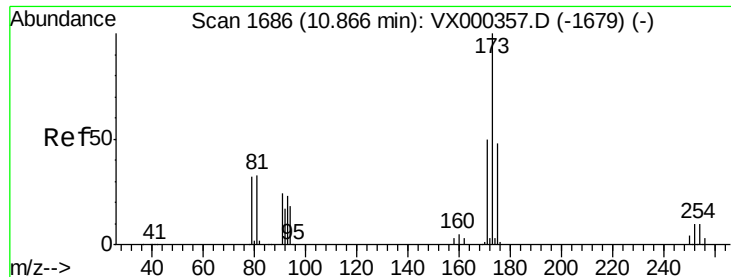
sam
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#70
Styrene
Concen: 50.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion:104 Resp: 230022
Ion Ratio Lower Upper
104 100
78 49.4 40.5 60.7
103 56.1 45.7 68.5





#71

Bromoform

Concen: 42.81 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 63009

Ion Ratio Lower Upper

173 100

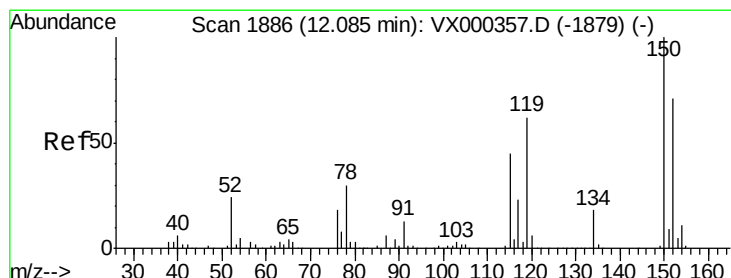
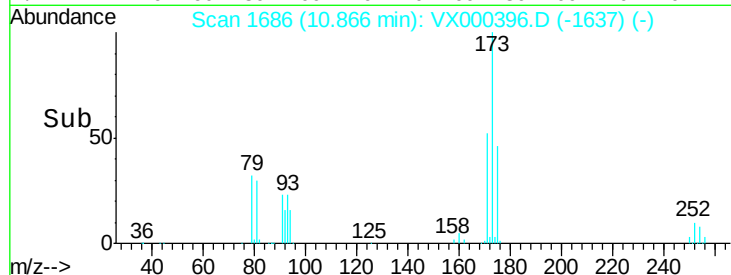
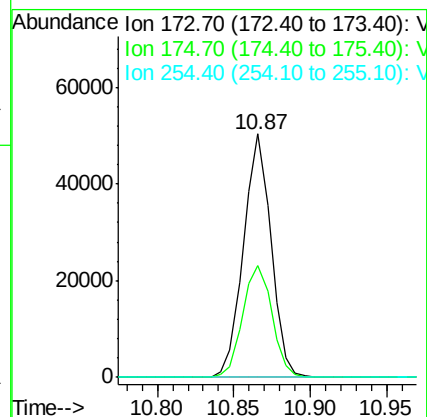
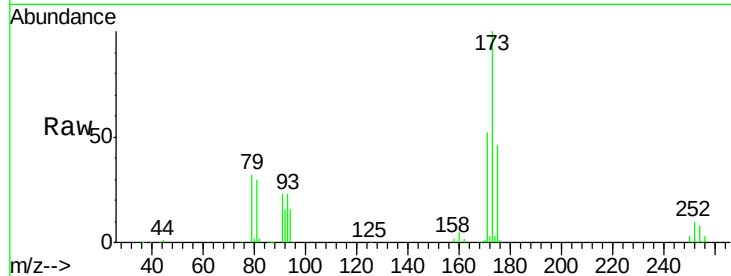
175 49.1 25.4 76.4

254 0.1 0.0 0.0#

Manual Integrations
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sam

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

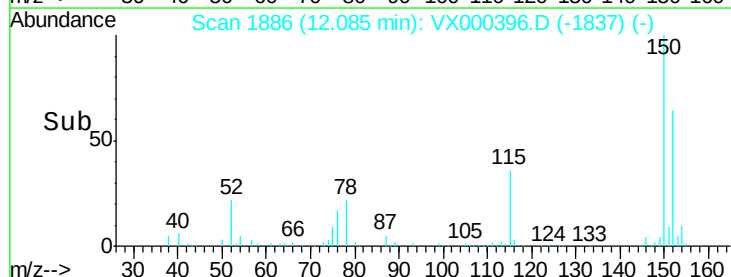
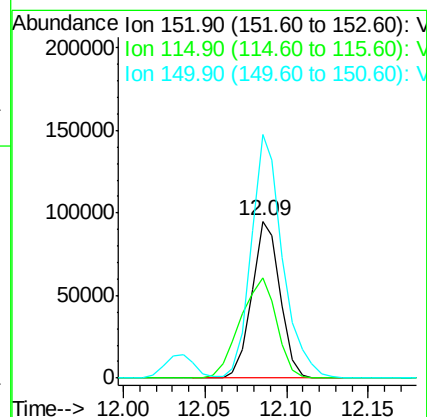
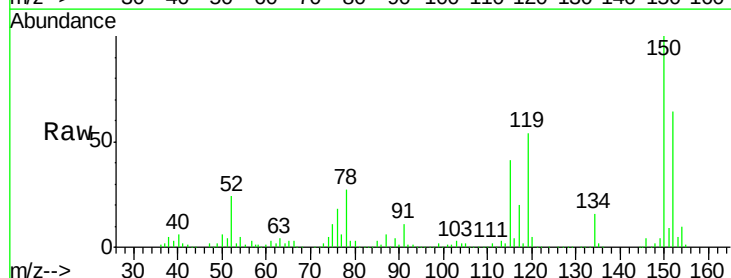
Tgt Ion:152 Resp: 115110

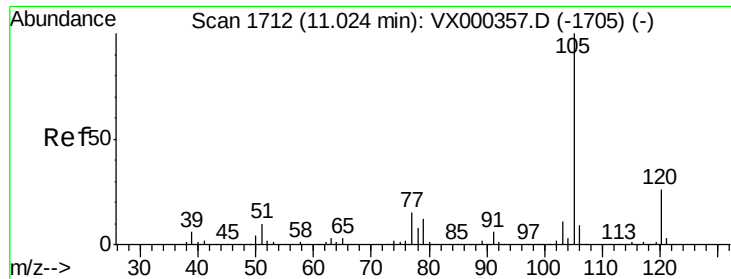
Ion Ratio Lower Upper

152 100

115 82.0 39.8 119.3

150 171.5 0.0 344.4





#73

Isopropylbenzene

Concen: 49.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 376445

Ion Ratio Lower Upper

105 100

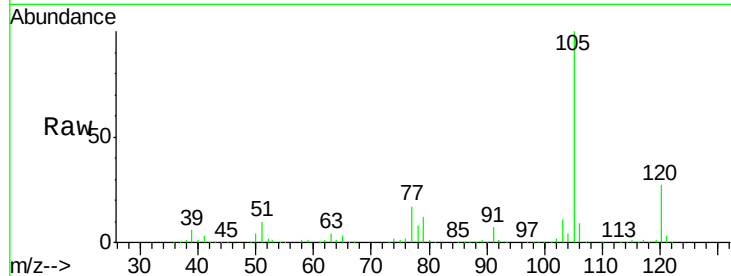
120 26.6 13.6 40.7

Manual Integrations

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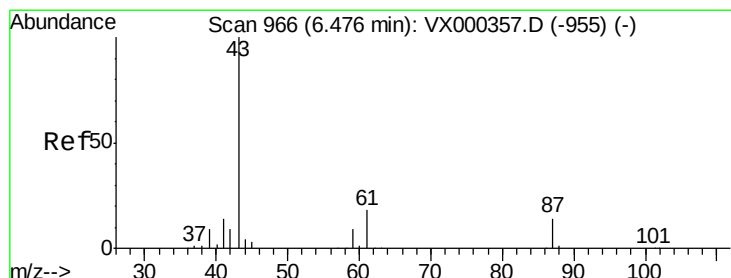
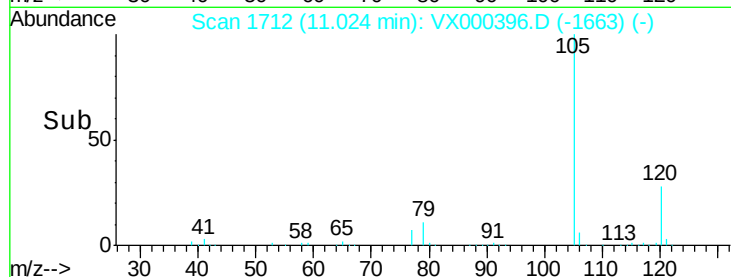
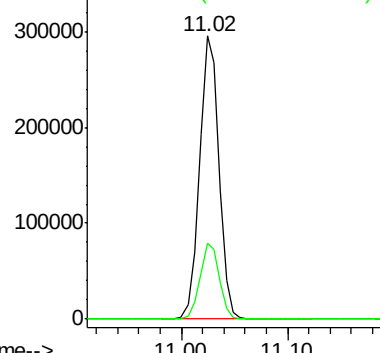
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.01 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion: 43 Resp: 178659

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

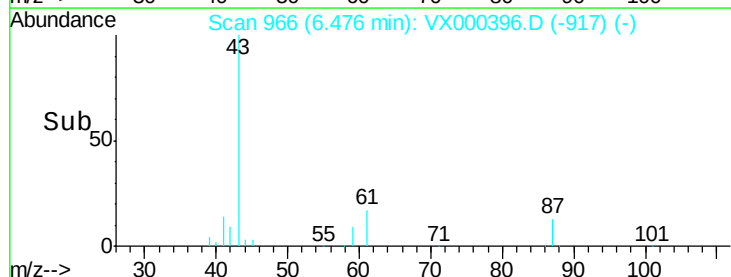
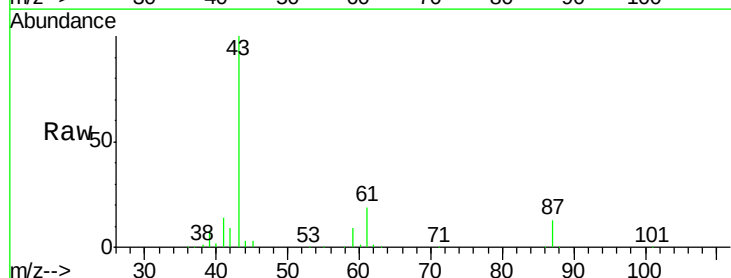
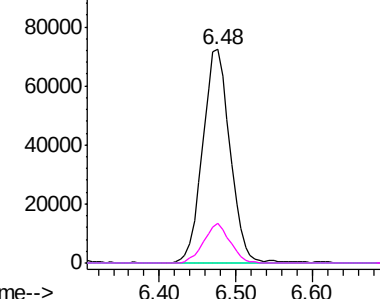
61 17.9 14.4 21.6

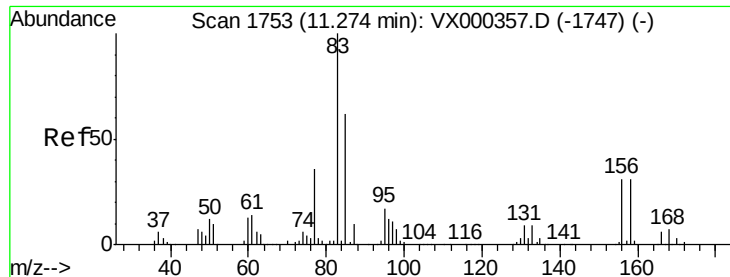
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

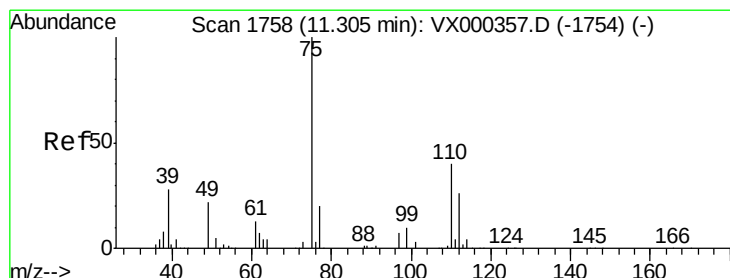
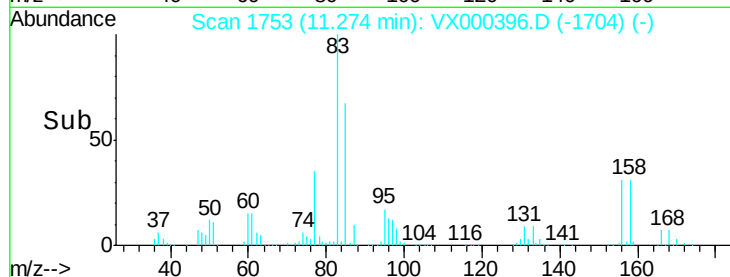
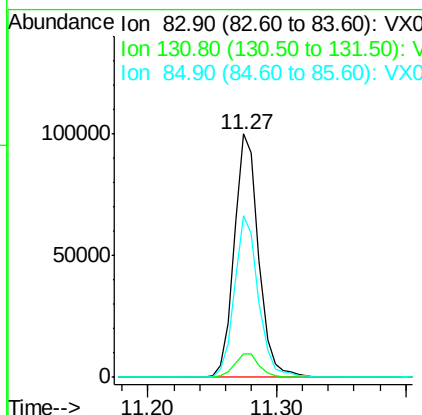
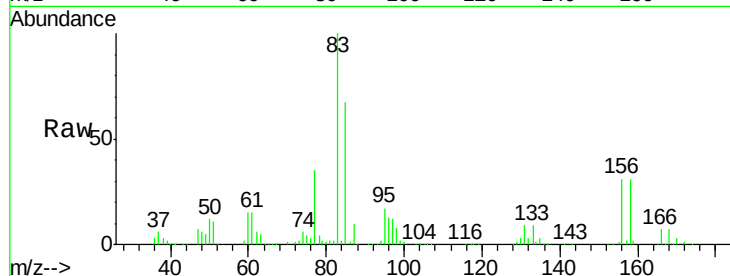
ClientSampled :

VSTDCCC050

Tot Ion	83	Resp	131660
Ion Ratio	100	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	65.4	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.80 ug/l m

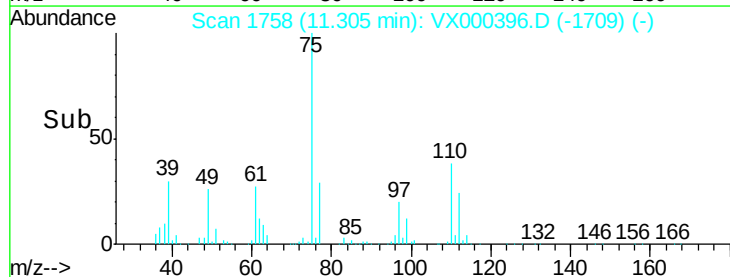
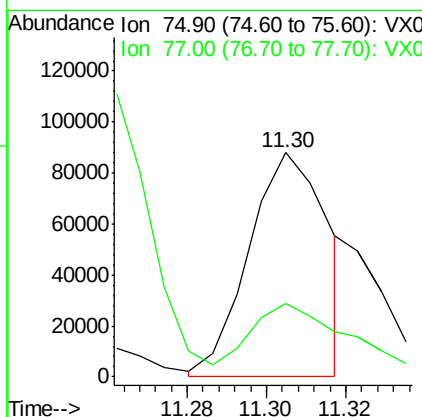
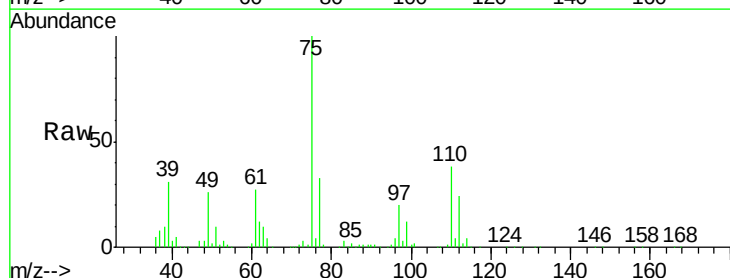
RT: 11.30 min Scan# 1758

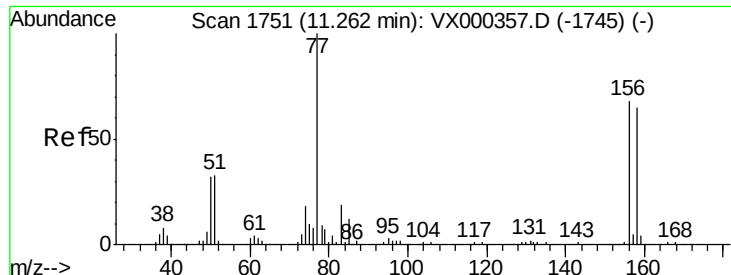
Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion	75	Resp	120724
Ion Ratio	100	Lower	Upper
75	100		
77	41.8	21.4	64.2





#77

Bromobenzene

Concen: 45.51 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 92468

Ion Ratio Lower Upper

156 100

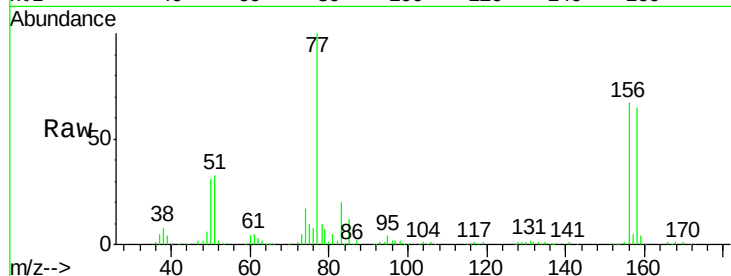
77 150.7 73.4 220.2

158 98.9 48.5 145.6

Manual Integrations
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sam

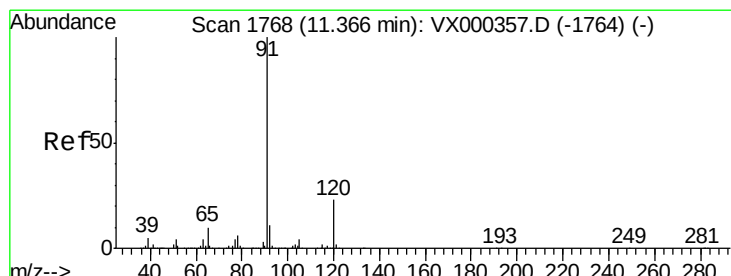
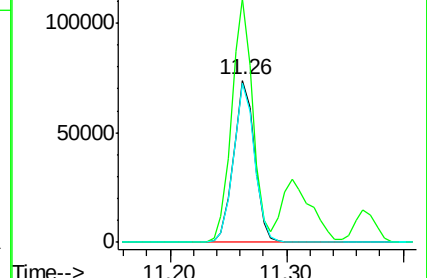
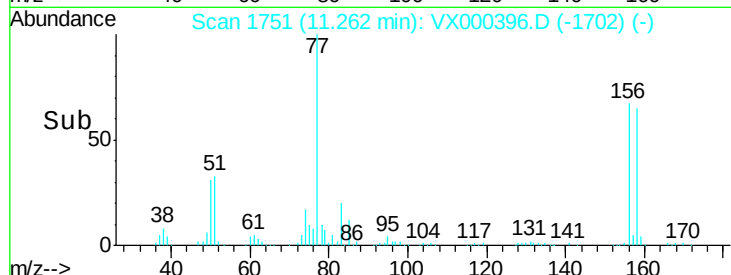
3/23/2018 1:52:53 PM



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: 49.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000396.D

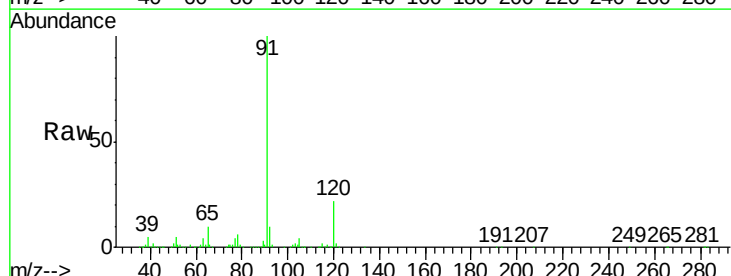
Acq: 22 Mar 2018 10:34

Tgt Ion: 91 Resp: 447671

Ion Ratio Lower Upper

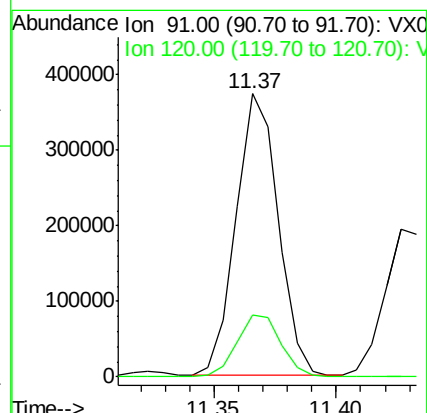
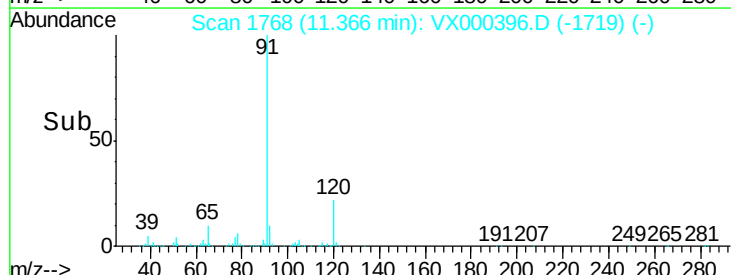
91 100

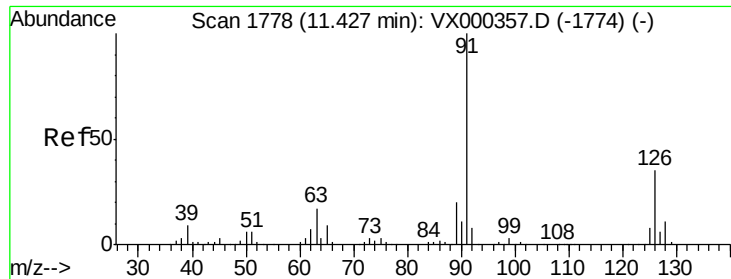
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





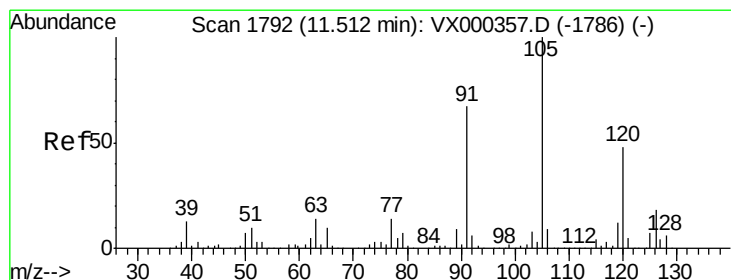
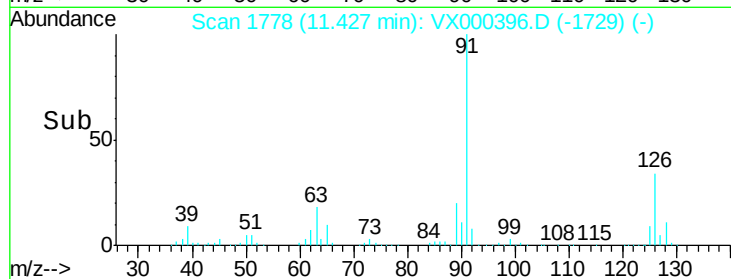
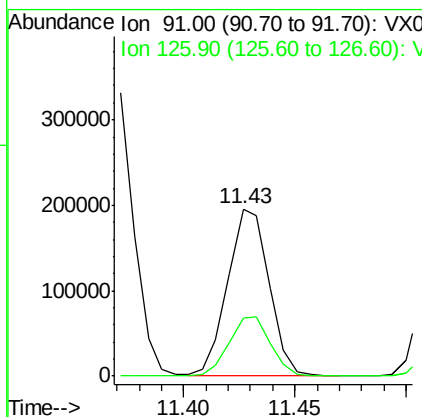
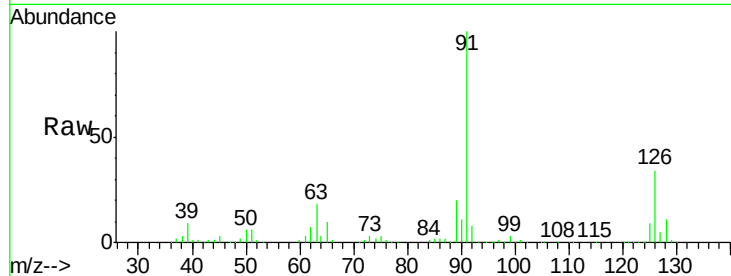
#79
2-Chlorotoluene
Concen: 48.21 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 253268
Ion Ratio Lower Upper
91 100
126 35.7 17.7 53.1

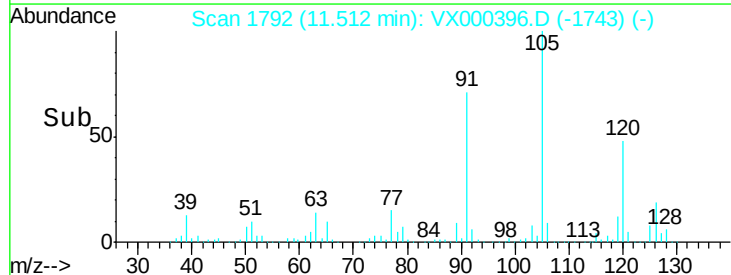
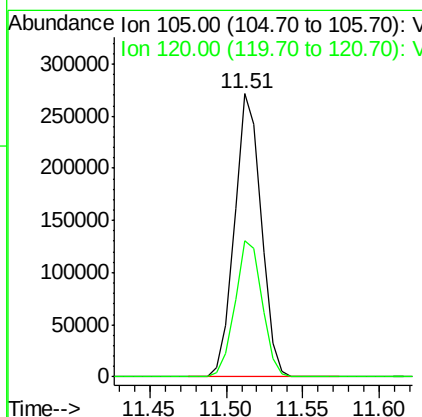
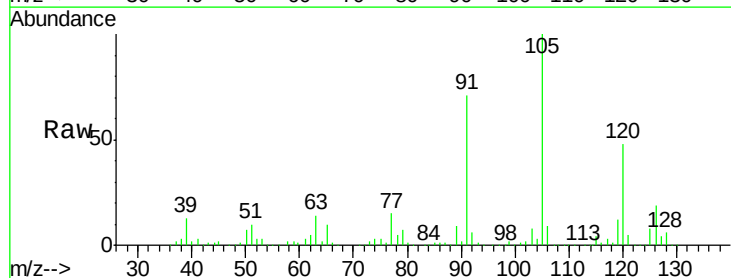
Manual Integrations
APPROVED

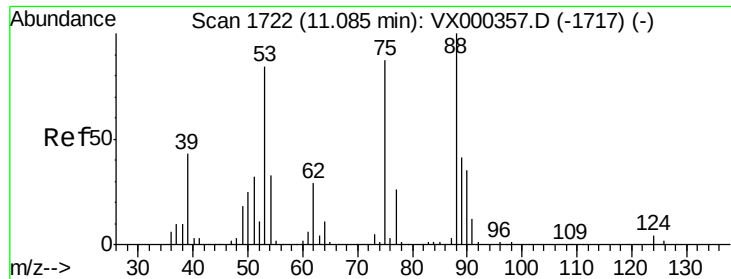
sam
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#80
1,3,5-Trimethylbenzene
Concen: 51.03 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion: 105 Resp: 327253
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4





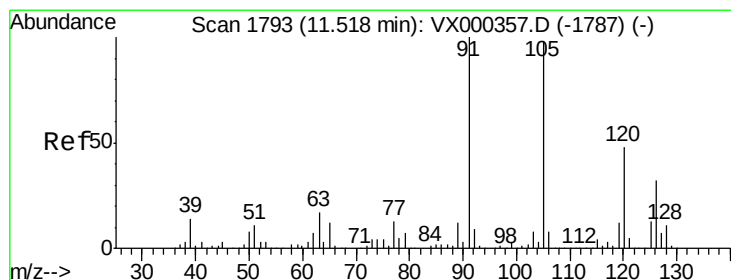
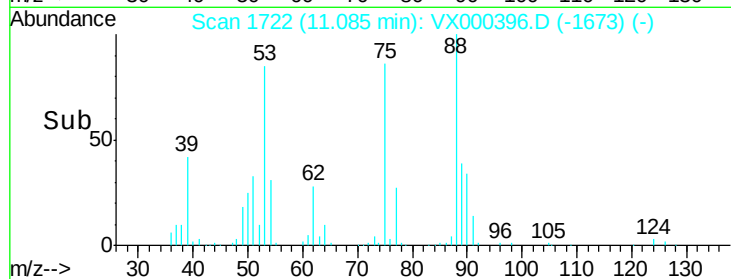
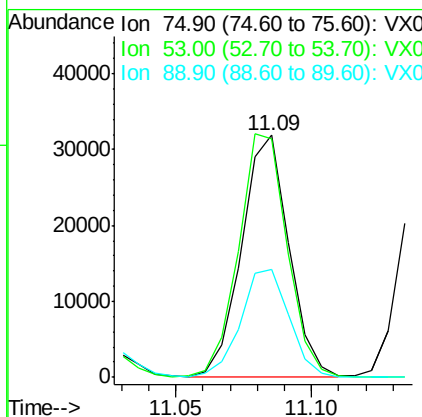
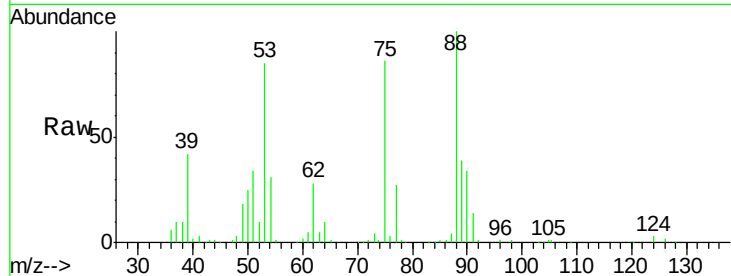
#81
trans-1,4-Dichloro-2-butene
Concen: 49.79 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.8	80.7	121.1
89	46.4	39.4	59.0

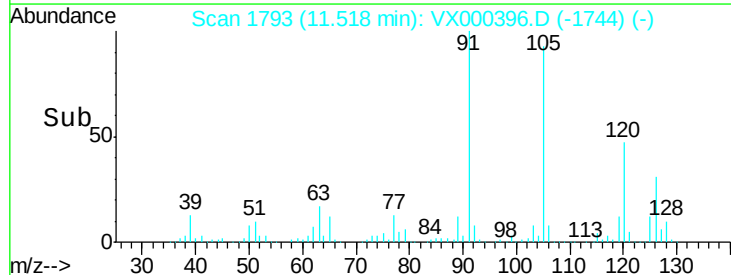
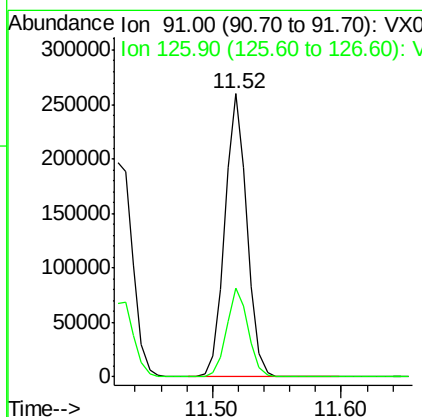
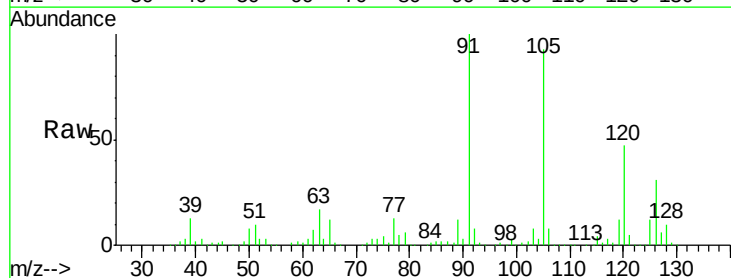
Manual Integrations
APPROVED

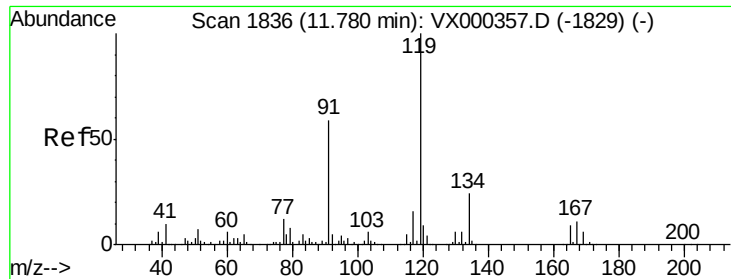
sam
3/23/2018 1:52:53 PM



#82
4-Chlorotoluene
Concen: 49.93 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.1





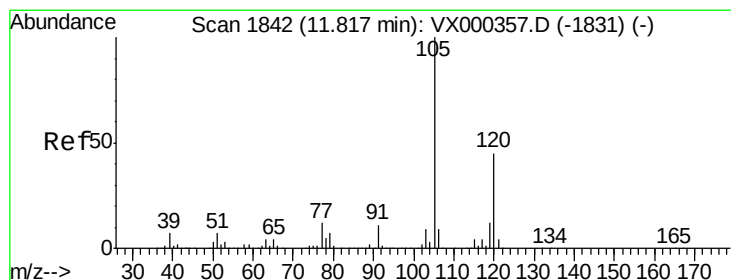
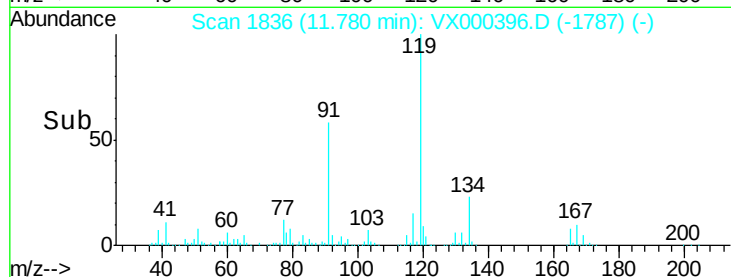
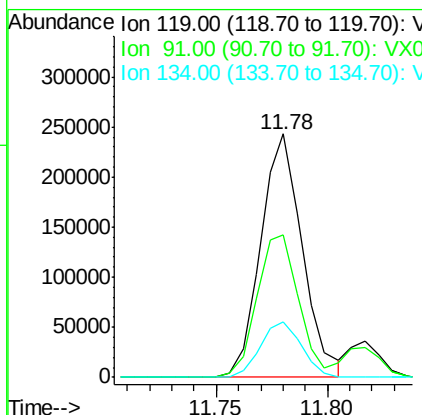
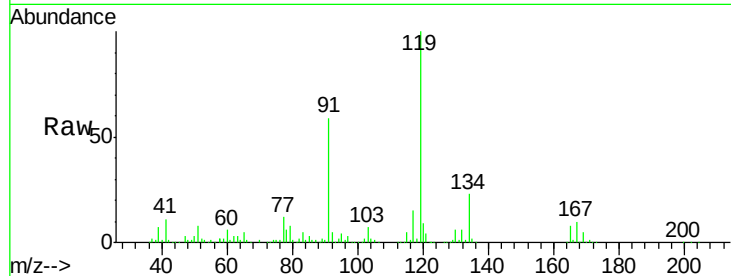
#83
 tert-Butylbenzene
 Concen: 48.71 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	315033		
91	58.7	28.8	86.4	
134	22.9	11.4	34.1	

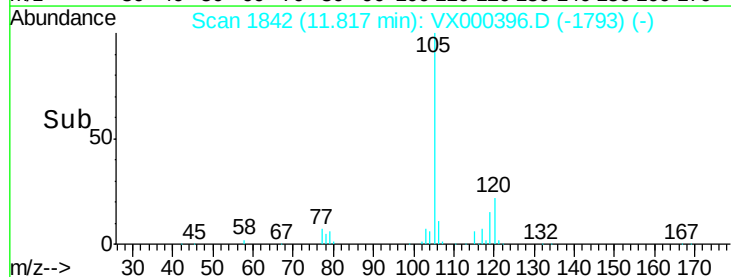
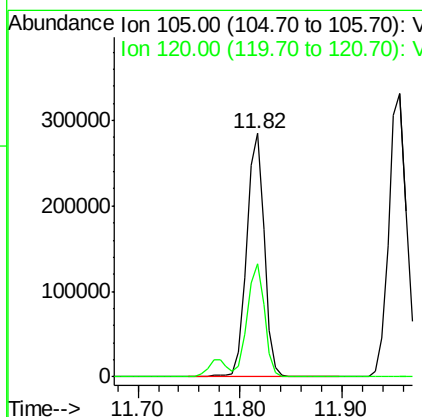
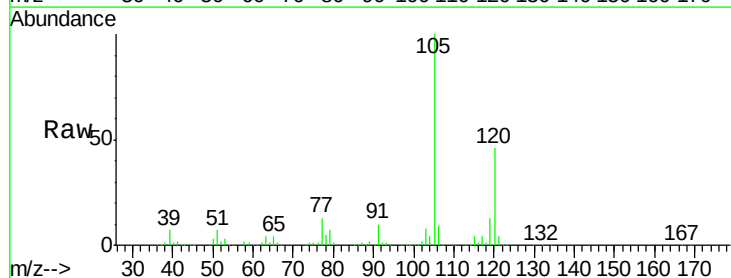
Manual Integrations
 APPROVED

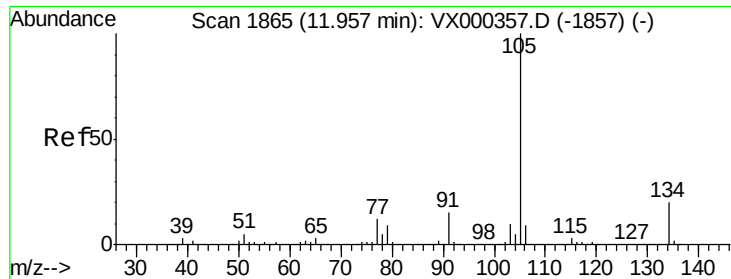
sam
 3/23/2018 1:52:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.60 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340205		
120	45.6	22.4	67.3	





#85

sec-Butylbenzene

Concen: 51.10 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 408964

Ion Ratio Lower Upper

105 100

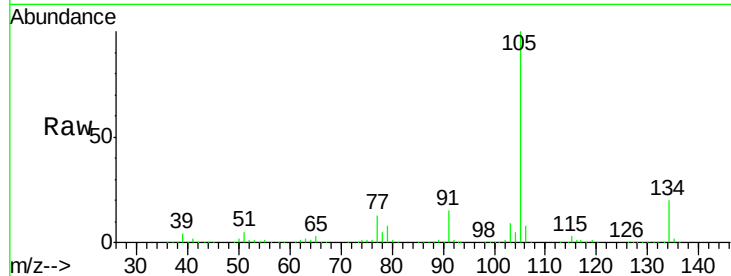
134 20.2 10.3 30.8

Manual Integrations

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sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

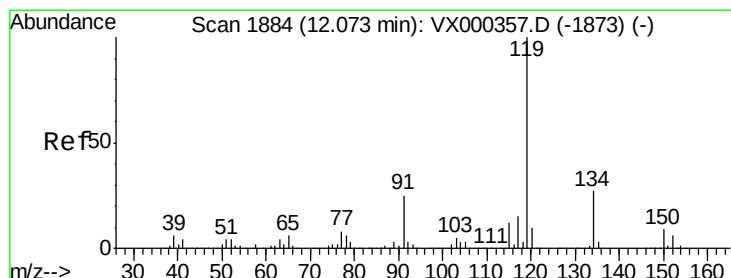
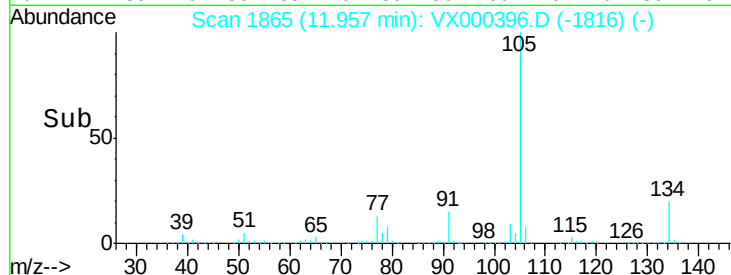
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.49 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

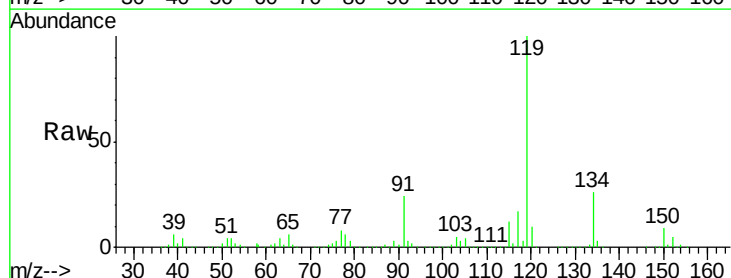
Tgt Ion:119 Resp: 365978

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 24.4 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

400000

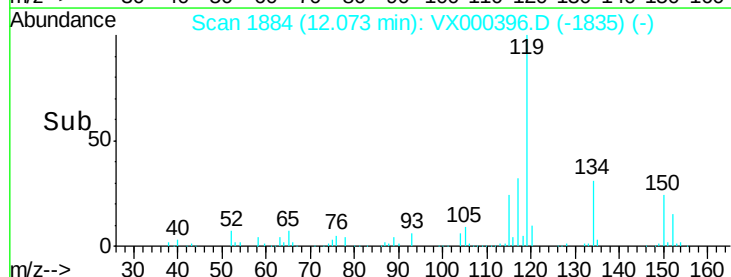
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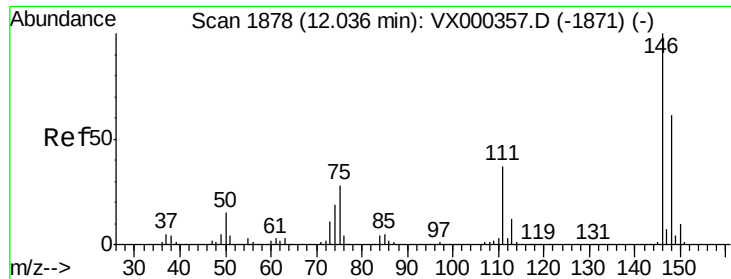
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100000

0

Time-->





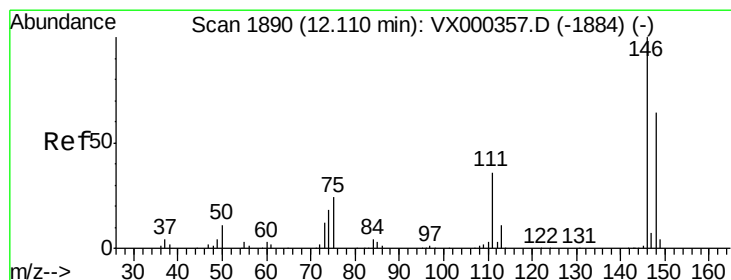
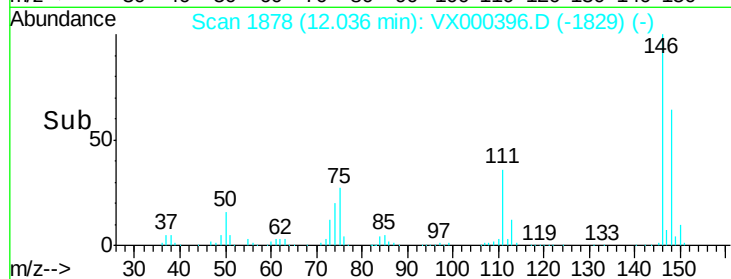
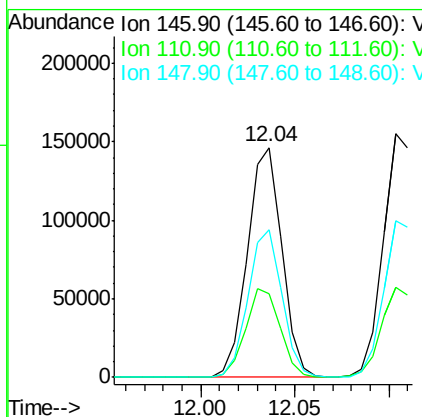
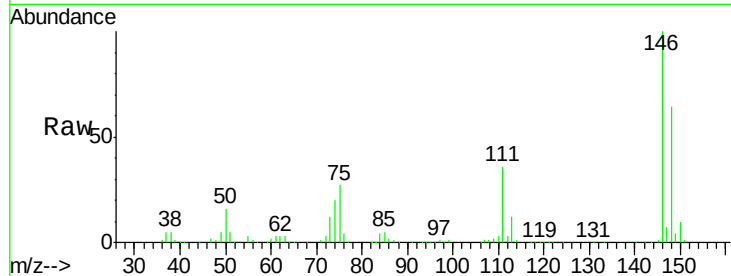
#87
 1,3-Dichlorobenzene
 Concen: 48.27 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.3	32.4	97.0

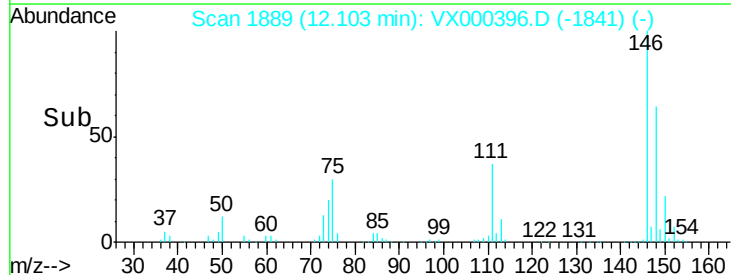
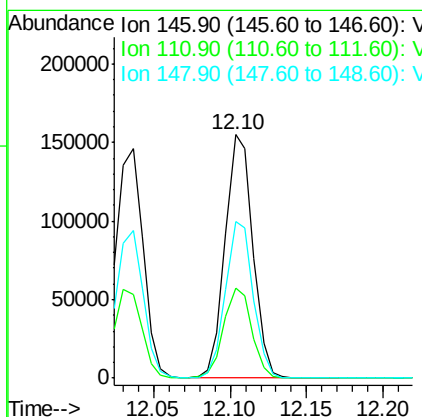
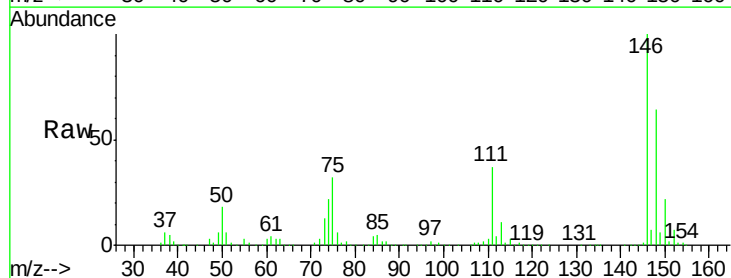
Manual Integrations
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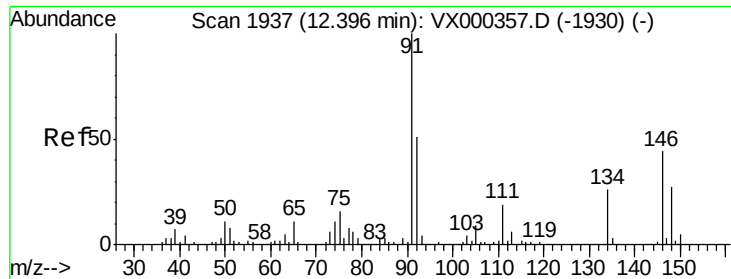
sam
 3/23/2018 1:52:53 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	64.1	31.0	93.0





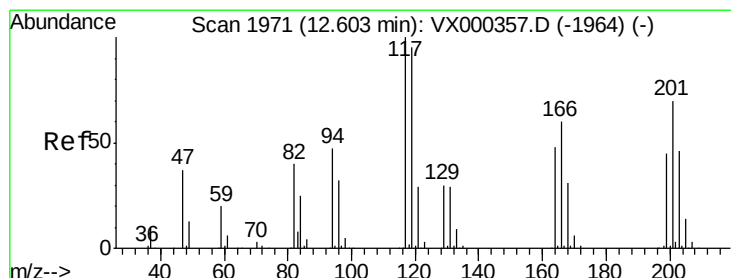
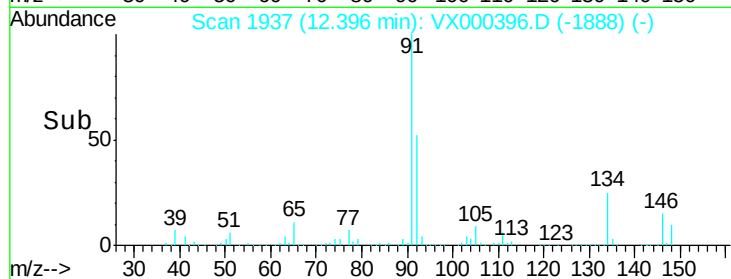
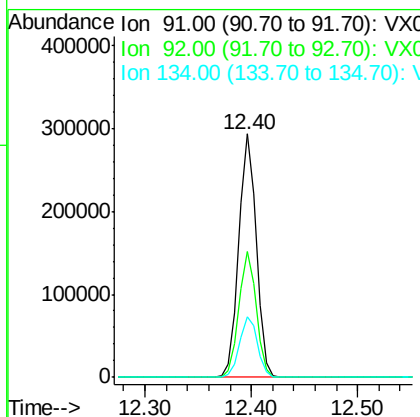
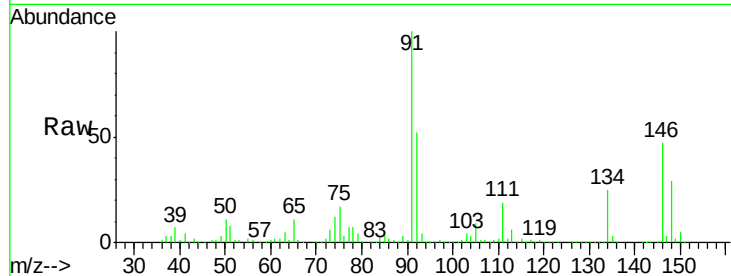
#89
n-Butylbenzene
Concen: 51.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	339763		
92	51.3	25.9	77.8	
134	25.5	13.1	39.3	

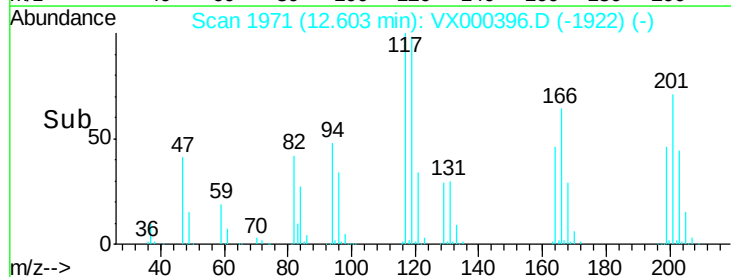
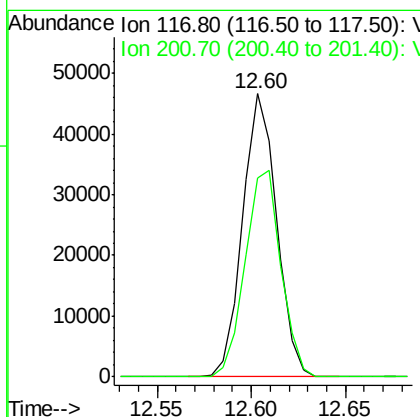
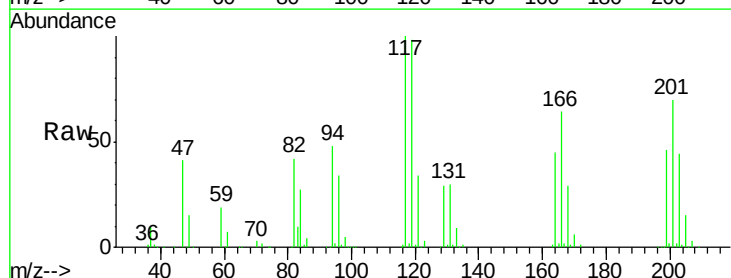
Manual Integrations
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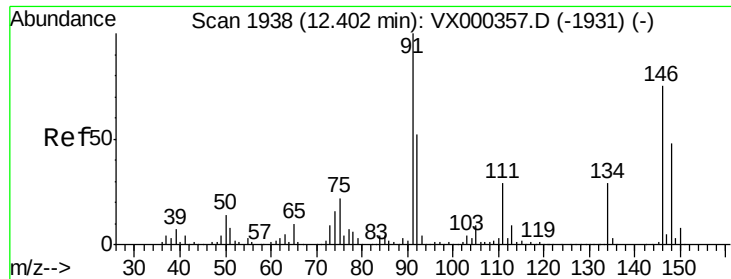
sam
3/23/2018 1:52:53 PM



#90
Hexachloroethane
Concen: 52.24 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000396.D
Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58435		
201	76.9	37.9	113.6	





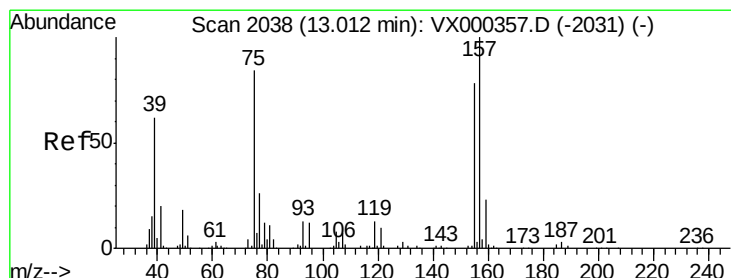
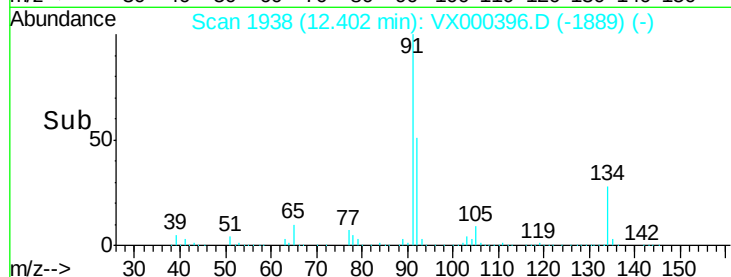
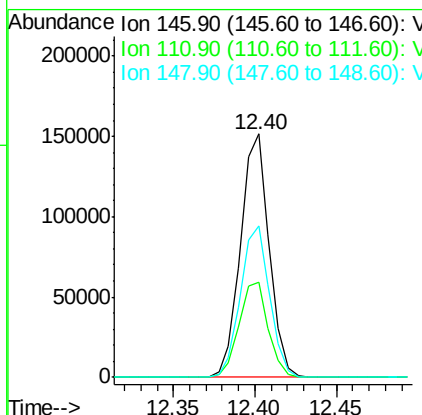
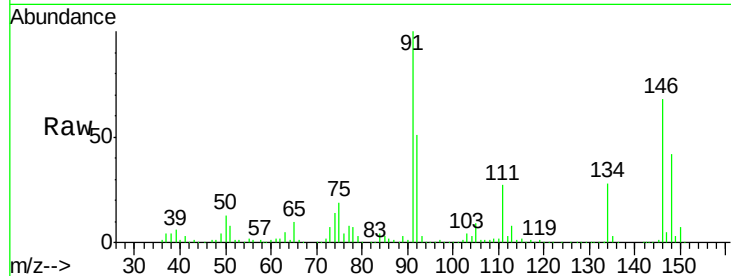
#91
 1,2-Dichlorobenzene
 Concen: 49.20 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	185298		
111	39.8	20.1	60.2	
148	63.3	31.2	93.6	

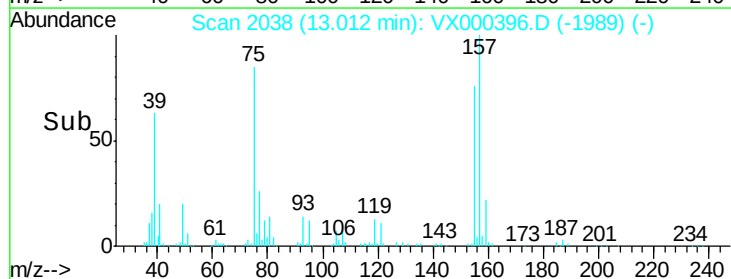
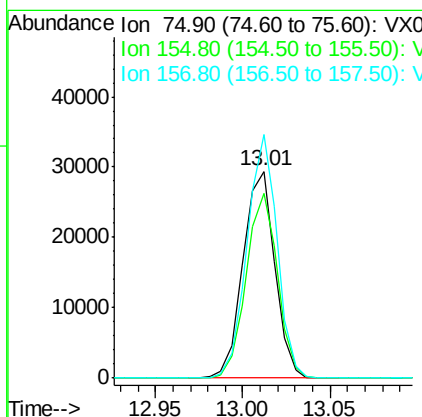
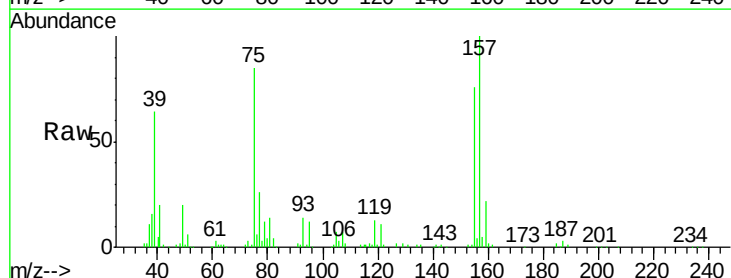
Manual Integrations
 APPROVED

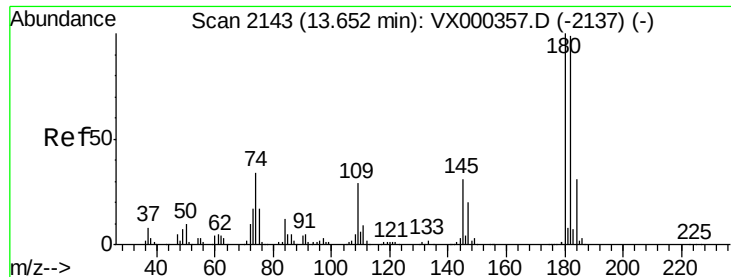
sam
 3/23/2018 1:52:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.31 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37095		
155	88.0	45.0	134.8	
157	111.1	58.1	174.2	





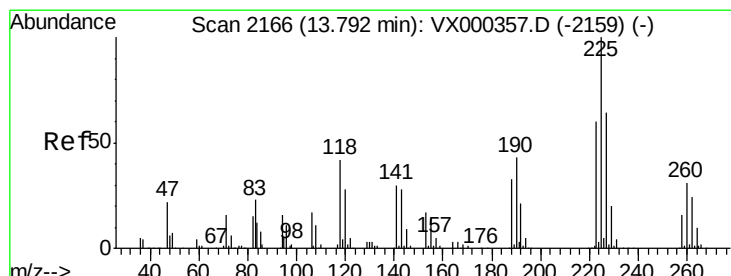
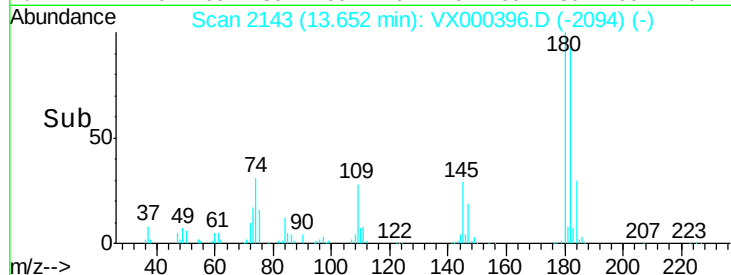
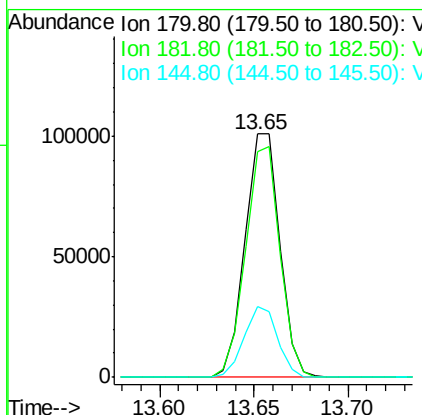
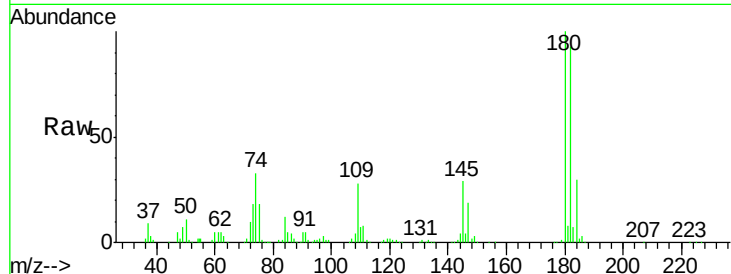
#93
 1,2,4-Trichlorobenzene
 Concen: 47.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	180	Resp:	129482
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.6	142.9
145	28.1	15.1	45.3

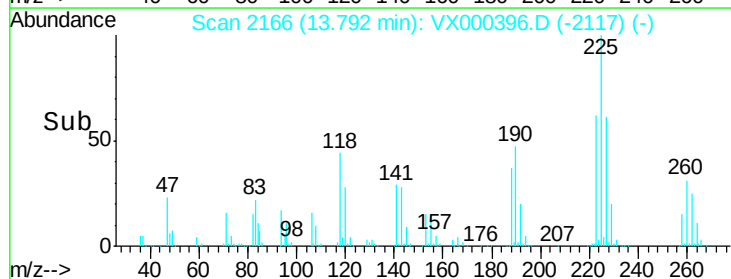
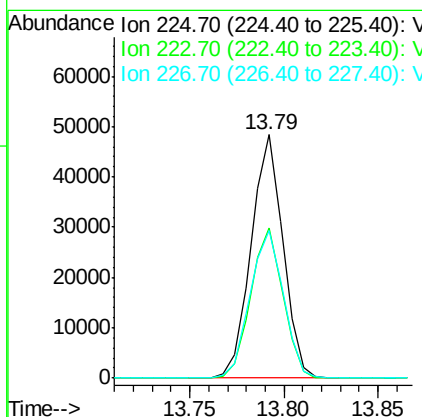
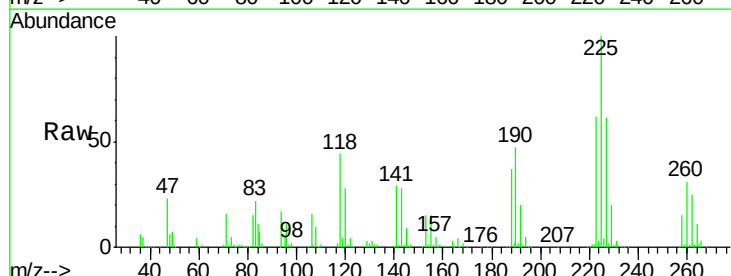
Manual Integrations
 APPROVED

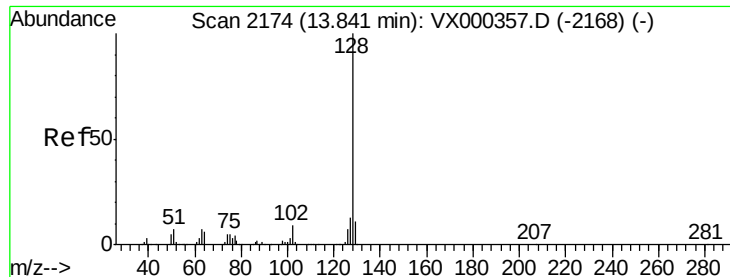
sam
 3/23/2018 1:52:53 PM



#94
 Hexachlorobutadiene
 Concen: 50.72 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000396.D
 Acq: 22 Mar 2018 10:34

Tgt Ion:	225	Resp:	56702
Ion Ratio	Lower	Upper	
225	100		
223	62.5	32.0	96.0
227	63.3	32.6	98.0





#95

Naphthalene

Concen: 49.26 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Instrument :

MSVOA_X

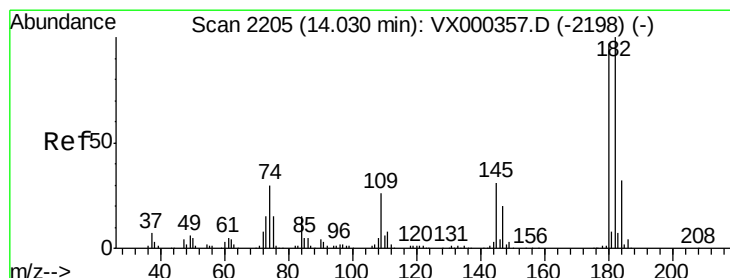
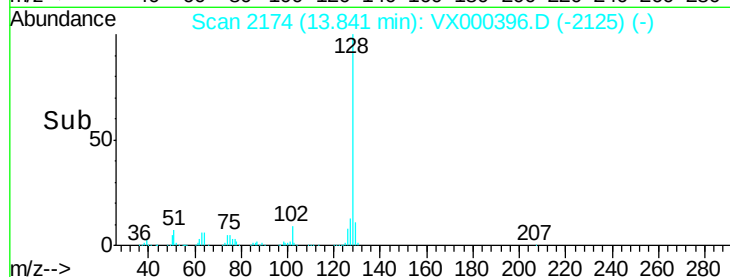
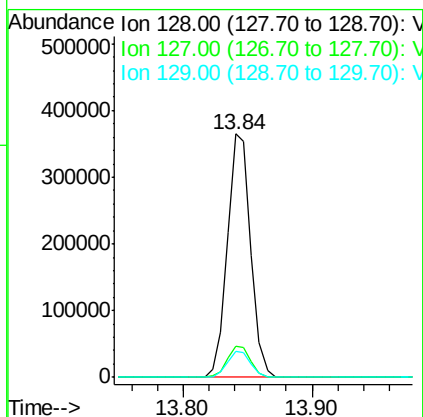
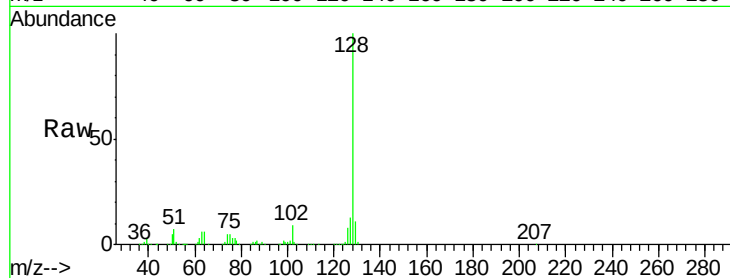
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	463335
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.7	8.9	13.3

Manual Integrations
APPROVED

sam
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#96

1,2,3-Trichlorobenzene

Concen: 48.84 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000396.D

Acq: 22 Mar 2018 10:34

Tgt Ion:	180	Resp:	130297
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.4	142.3
145	29.9	15.8	47.3

