

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000648.D
 Acq On : 03 Apr 2018 12:14
 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
 4/4/2018 5:42:45 PM

Quant Time: Apr 03 18:01:20 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	148216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	234169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178973	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	83412	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	5.51	113	66738	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
50) Toluene-d8	8.72	98	292263	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.15	95	126917	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	71142	43.552	ug/l	99
3) Chloromethane	1.32	50	62430	36.278	ug/l	97
4) Vinyl Chloride	1.41	62	83810	46.092	ug/l	99
5) Bromomethane	1.64	94	102107	46.907	ug/l	96
6) Chloroethane	1.73	64	58271	53.618	ug/l	99
7) Trichlorofluoromethane	1.93	101	148722	45.315	ug/l	98
8) Diethyl Ether	2.19	74	52130	44.447	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80849	44.178	ug/l	97
10) Methyl Iodide	2.51	142	62410	35.751	ug/l	100
11) Tert butyl alcohol	3.07	59	143070	214.979	ug/l	100
12) 1,1-Dichloroethene	2.38	96	71831	44.712	ug/l	96
13) Acrolein	2.29	56	67752	314.834	ug/l	100
14) Allyl chloride	2.73	41	129413	45.600	ug/l	99
15) Acrylonitrile	3.15	53	291060	215.937	ug/l	99
16) Acetone	2.45	43	359225	223.195	ug/l	100
17) Carbon Disulfide	2.57	76	172913	40.464	ug/l	99
18) Methyl Acetate	2.78	43	146452	43.403	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	267707	45.056	ug/l	100
20) Methylene Chloride	2.86	84	78465	42.209	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77597	43.300	ug/l	99
22) Diisopropyl ether	3.87	45	269342	53.632	ug/l	99
23) Vinyl Acetate	3.83	43	1277816	268.397	ug/l	99
24) 1,1-Dichloroethane	3.70	63	136382	43.193	ug/l	99
25) 2-Butanone	4.71	43	389753	215.445	ug/l	97
26) 2,2-Dichloropropane	4.59	77	96304	43.516	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71583	42.739	ug/l	97
28) Bromochloromethane	5.03	49	54806	42.092	ug/l	99
29) Tetrahydrofuran	5.17	42	245291	220.377	ug/l	100
30) Chloroform	5.22	83	137162	46.351	ug/l	97
31) Cyclohexane	5.59	56	103690	42.480	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	123484	46.256	ug/l	99
36) 1,1-Dichloropropene	5.81	75	99109	45.183	ug/l	99
37) Ethyl Acetate	4.87	43	133244	44.471	ug/l	100
38) Carbon Tetrachloride	5.79	117	104473	45.400	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	127023	47.617	ug/l	98
40) Benzene	6.15	78	300930	47.242	ug/l	98
41) Methacrylonitrile	5.07	41	70467	44.610	ug/l	99
42) 1,2-Dichloroethane	6.20	62	117084	46.847	ug/l	99
43) Isopropyl Acetate	6.47	43	211278	47.371	ug/l	98
44) Trichloroethene	7.22	130	87035	47.693	ug/l	92
45) 1,2-Dichloropropane	7.52	63	80050	49.096	ug/l	99
46) Dibromomethane	7.67	93	60876	47.566	ug/l	97
47) Bromodichloromethane	7.90	83	116099	51.559	ug/l	99
48) Methyl methacrylate	7.79	41	104170	48.109	ug/l	100
49) 1,4-Dioxane	7.76	88	45832	1006.988	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	866982	251.137	ug/l	100
52) Toluene	8.79	92	225704	50.684	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	133952	51.337	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	136837	54.064	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	95582	52.194	ug/l	97
56) Ethyl methacrylate	9.19	69	145335	52.373	ug/l	98
57) 1,3-Dichloropropane	9.38	76	151467	51.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	265883	199.636	ug/l	99
59) 2-Hexanone	9.51	43	750877	256.155	ug/l	98
60) Dibromochloromethane	9.59	129	106479	49.204	ug/l	99
61) 1,2-Dibromoethane	9.68	107	107912	54.950	ug/l	96
64) Tetrachloroethene	9.34	164	88359	42.256	ug/l	97
65) Chlorobenzene	10.15	112	282337	47.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	99768	48.987	ug/l	99
67) Ethyl Benzene	10.26	91	480094	47.228	ug/l	100
68) m/p-Xylenes	10.37	106	394952	98.735	ug/l	96
69) o-Xylene	10.71	106	186531	48.161	ug/l	99
70) Styrene	10.72	104	326168	50.896	ug/l	96
71) Bromoform	10.87	173	90337	43.277	ug/l #	98
73) Isopropylbenzene	11.02	105	529116	44.621	ug/l	100
74) N-amyl acetate	6.47	43	211278	40.233	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	182425	43.494	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	189502m	49.268	ug/l	
77) Bromobenzene	11.26	156	136399	43.178	ug/l	97
78) n-propylbenzene	11.37	91	628280	44.435	ug/l	99
79) 2-Chlorotoluene	11.43	91	346846	42.462	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	457882	45.923	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	55040	46.329	ug/l	94
82) 4-Chlorotoluene	11.52	91	440533	45.169	ug/l	99
83) tert-Butylbenzene	11.78	119	462000	45.943	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	472918	45.240	ug/l	99
85) sec-Butylbenzene	11.95	105	573339	46.079	ug/l	100
86) p-Isopropyltoluene	12.07	119	524006	47.420	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	278039	46.550	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	291282	46.450	ug/l	98
89) n-Butylbenzene	12.40	91	490255	47.649	ug/l	99
90) Hexachloroethane	12.60	117	82633	47.508	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	272538	46.542	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49562	42.370	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	203788	48.543	ug/l	99
94) Hexachlorobutadiene	13.79	225	81464	46.866	ug/l	99
95) Naphthalene	13.84	128	683743	46.756	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	199366	48.061	ug/l	100

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

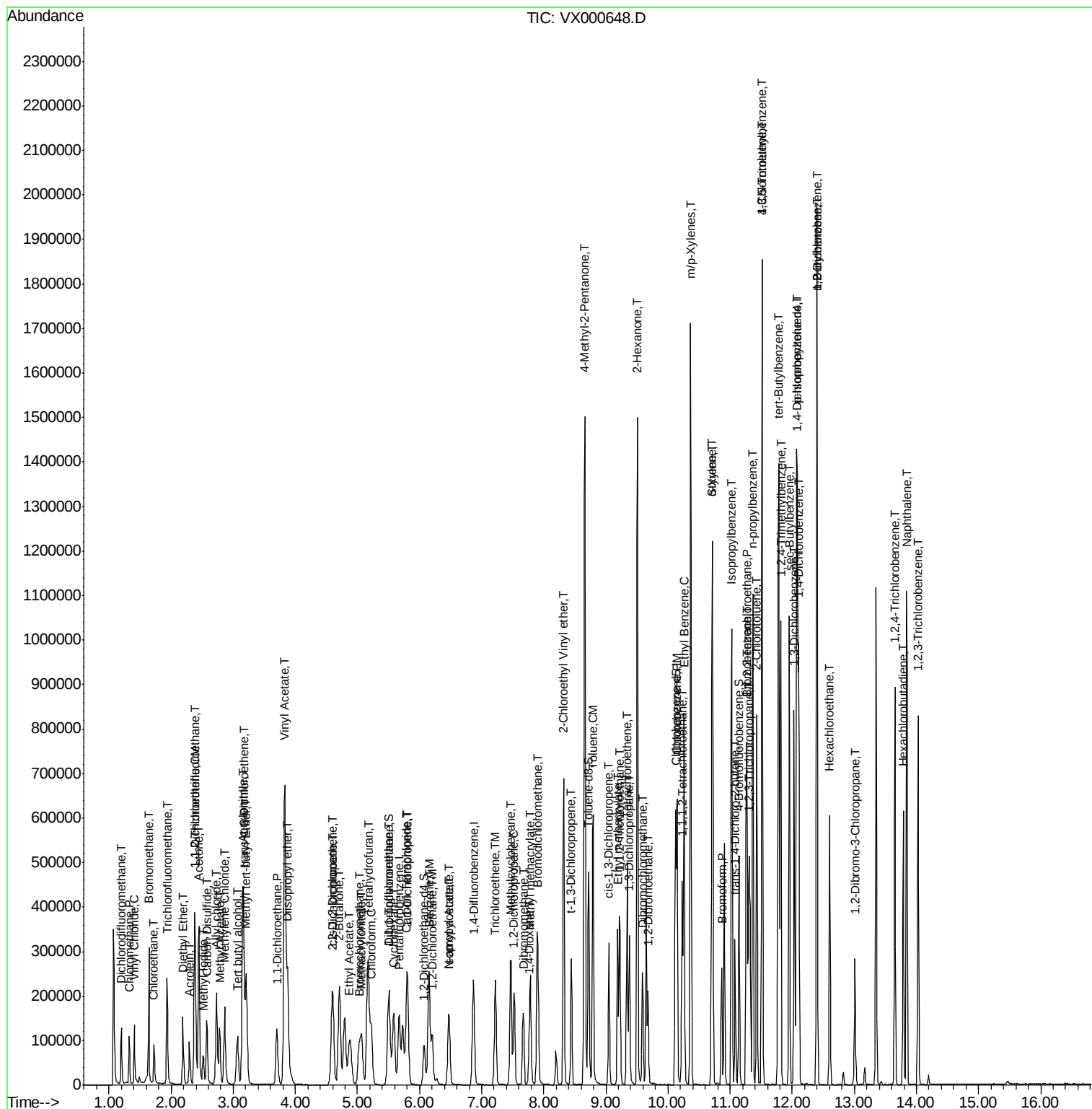
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Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\  
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Acq On    : 03 Apr 2018  12:14  
Operator  : JC/MD  
Sample    : VSTDCCC050  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 2      Sample Multiplier: 1
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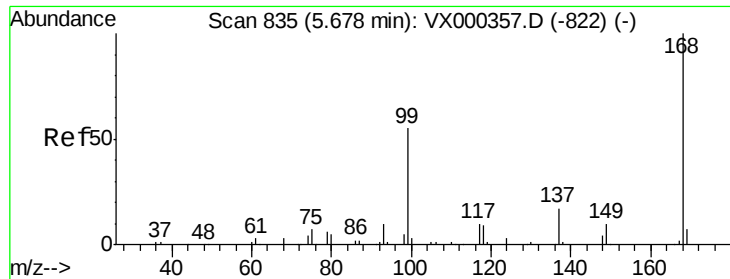
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion:168 Resp: 148216

Ion Ratio Lower Upper

168 100

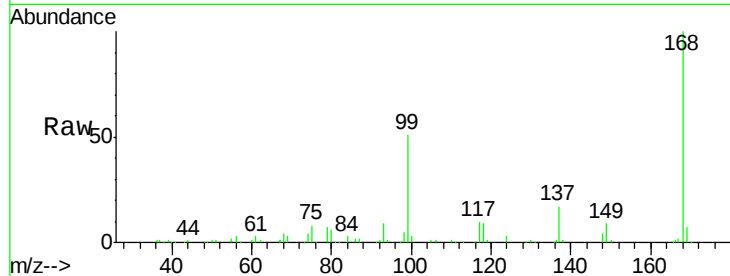
99 50.7 45.8 68.6

Manual Integrations

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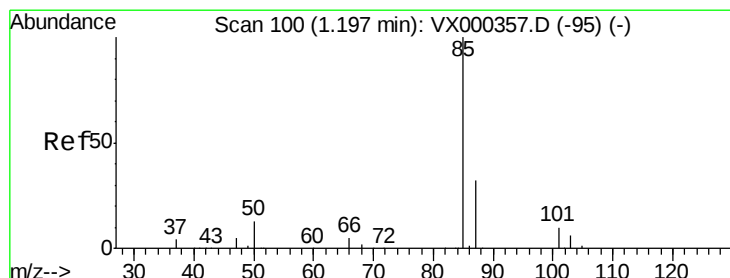
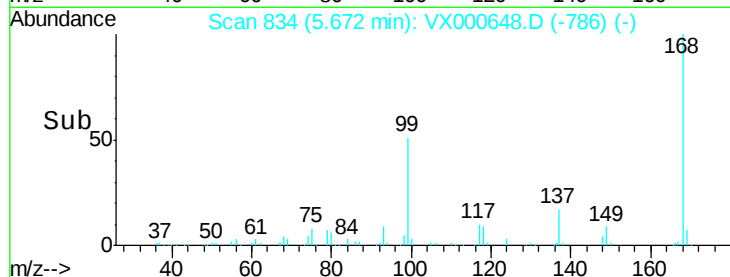
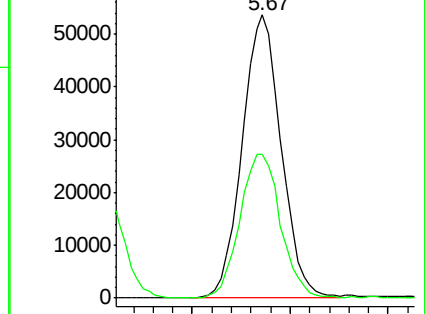
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.552 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000648.D

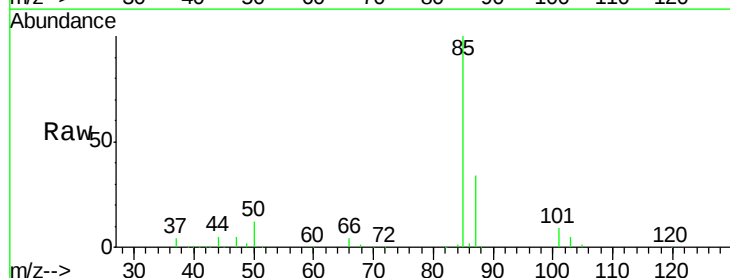
Acq: 03 Apr 2018 12:14

Tgt Ion: 85 Resp: 71142

Ion Ratio Lower Upper

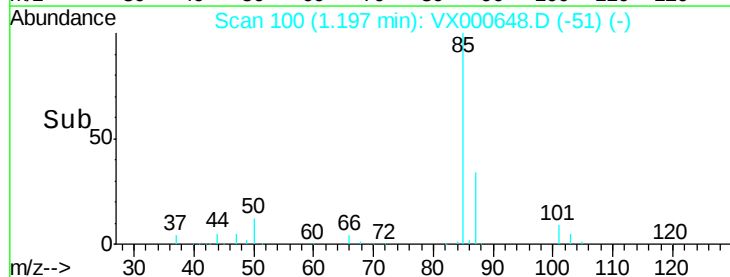
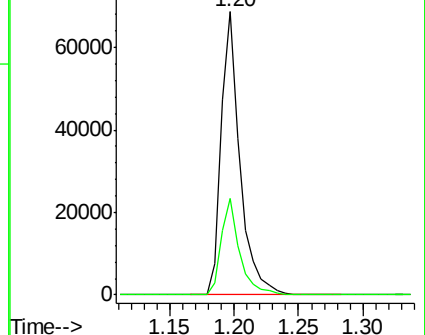
85 100

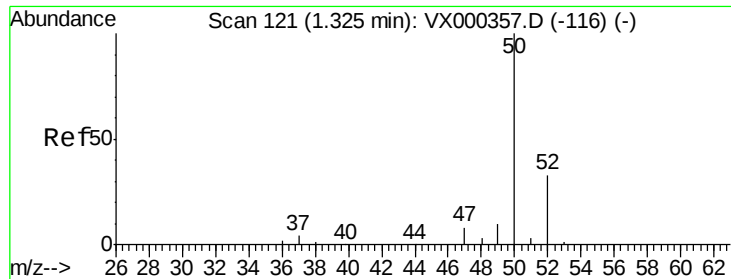
87 34.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 36.278 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 62430

Ion Ratio Lower Upper

50 100

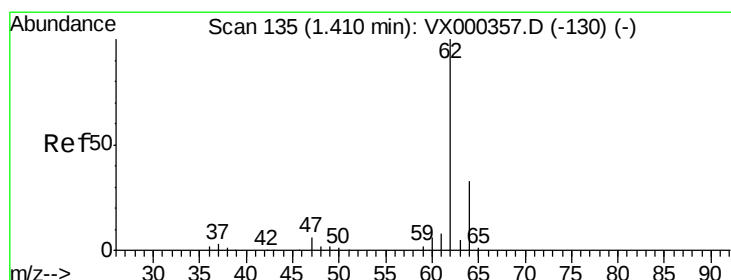
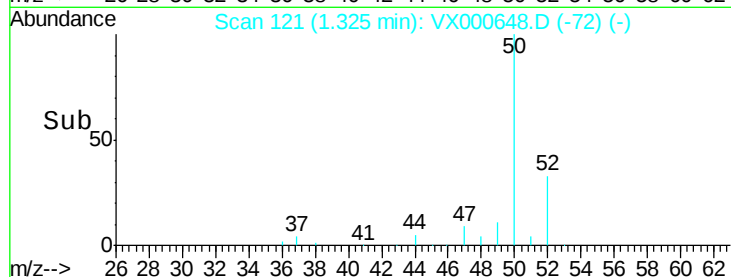
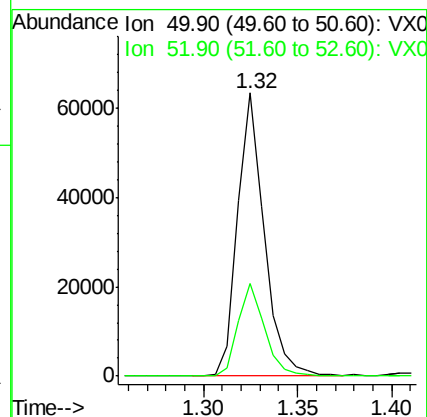
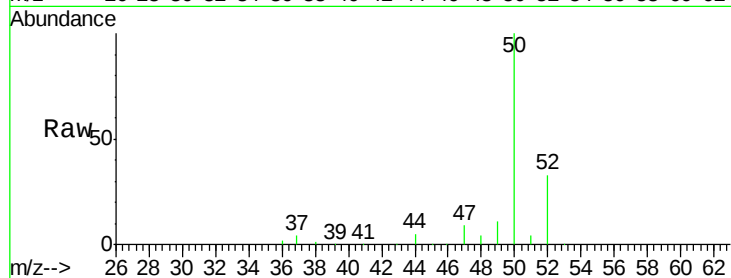
52 32.9 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.092 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000648.D

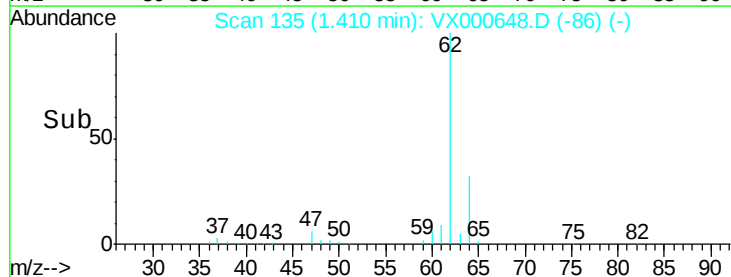
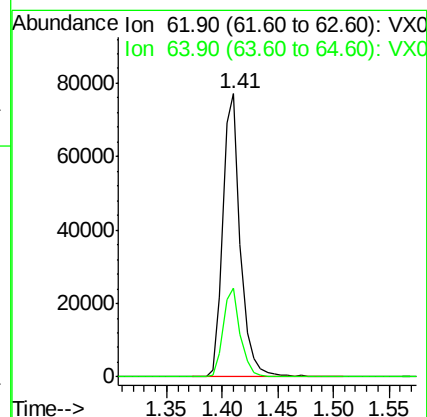
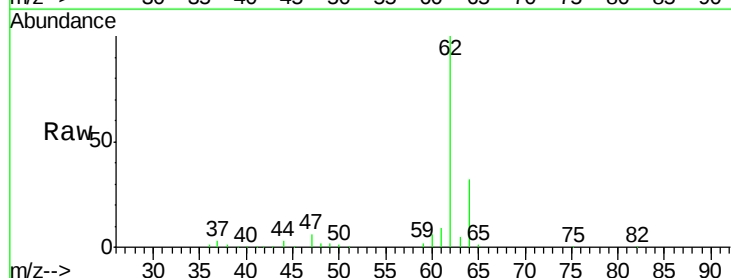
Acq: 03 Apr 2018 12:14

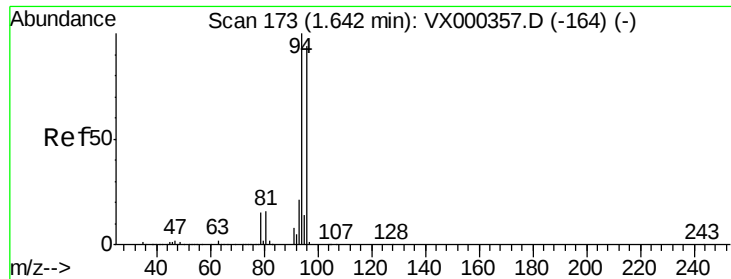
Tgt Ion: 62 Resp: 83810

Ion Ratio Lower Upper

62 100

64 31.5 24.8 37.2





#5

Bromomethane

Concen: 46.907 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 102107

Ion Ratio Lower Upper

94 100

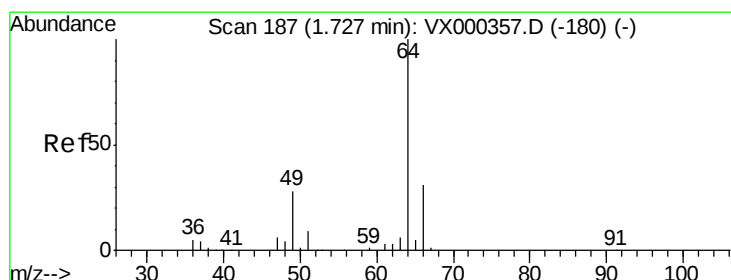
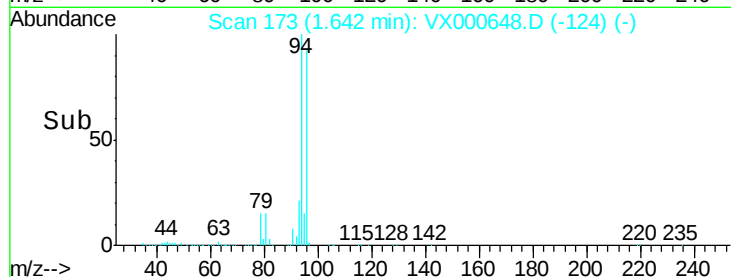
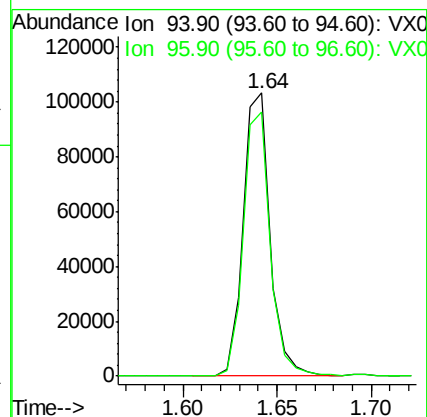
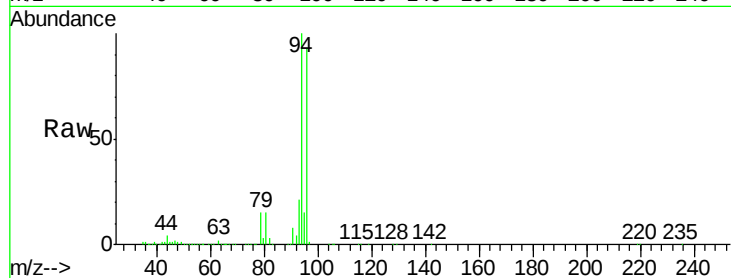
96 93.6 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 53.618 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000648.D

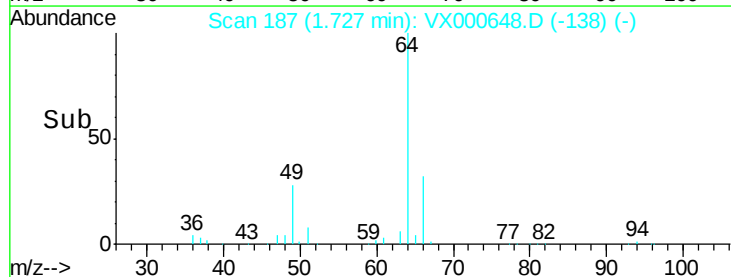
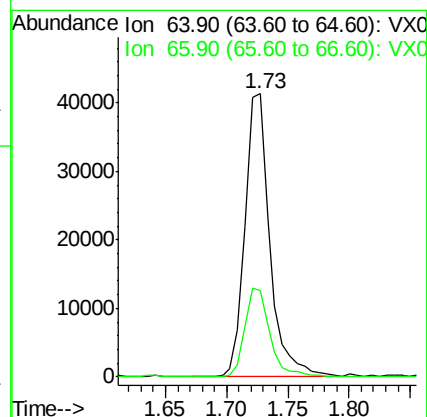
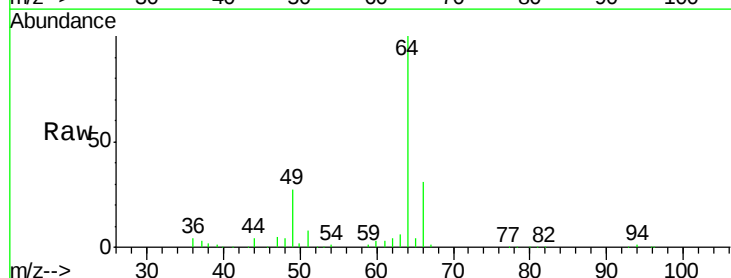
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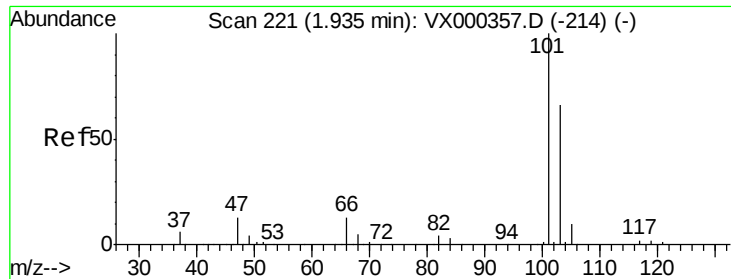
Tgt Ion: 64 Resp: 58271

Ion Ratio Lower Upper

64 100

66 30.6 24.8 37.2





#7

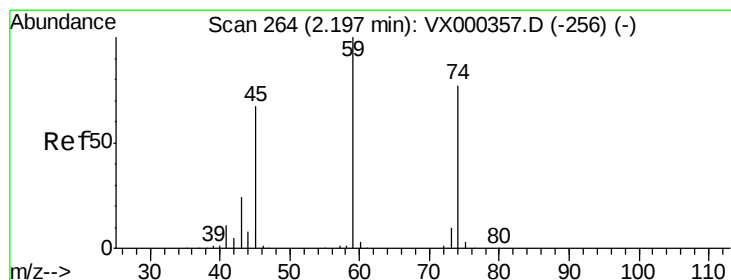
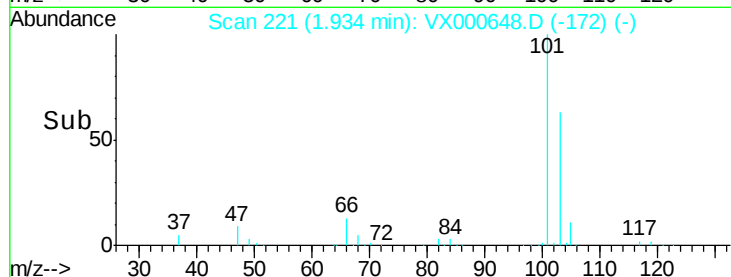
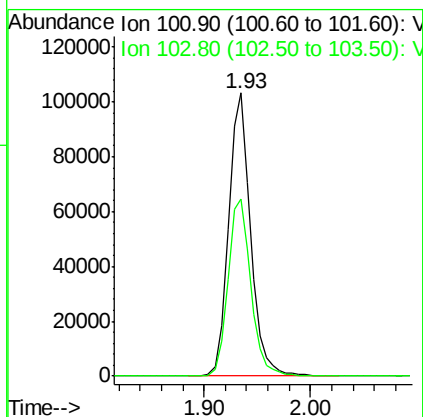
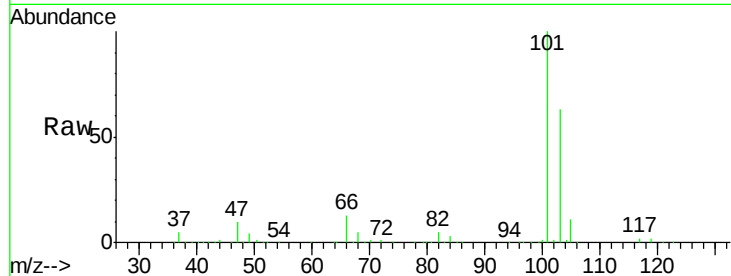
Trichlorofluoromethane
 Concen: 45.315 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
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 VSTDCCC050

Tgt Ion: 101 Resp: 148722
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.6 77.4

Manual Integrations
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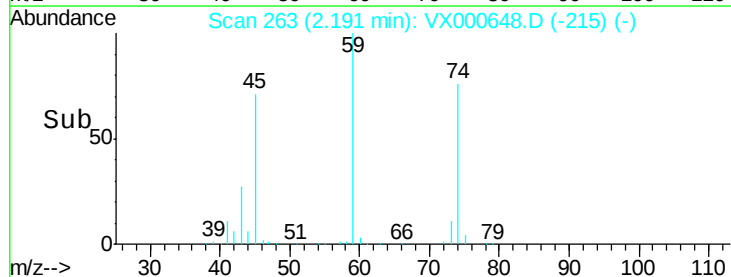
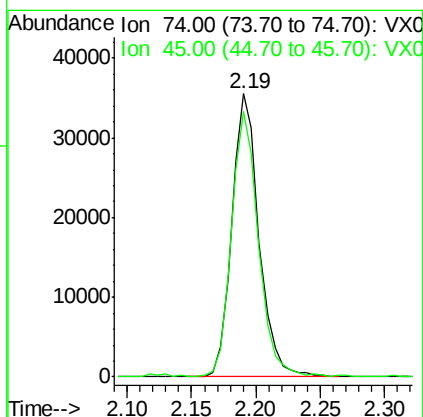
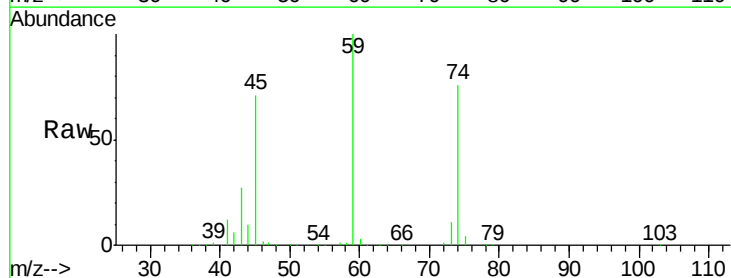
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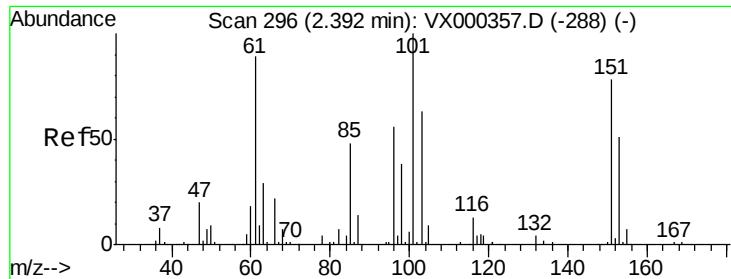


#8

Diethyl Ether
 Concen: 44.447 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion: 74 Resp: 52130
 Ion Ratio Lower Upper
 74 100
 45 92.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.178 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

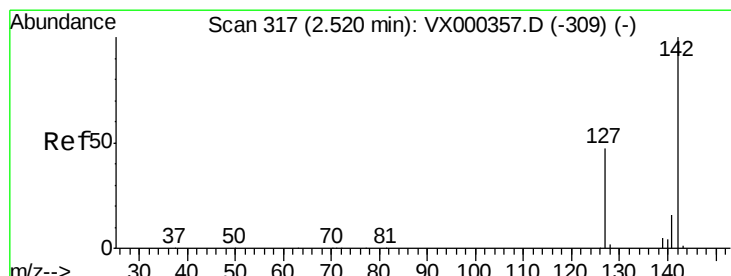
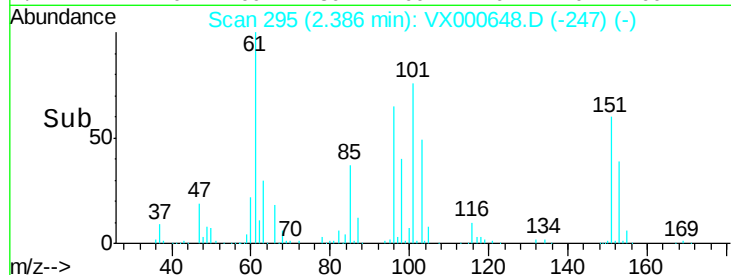
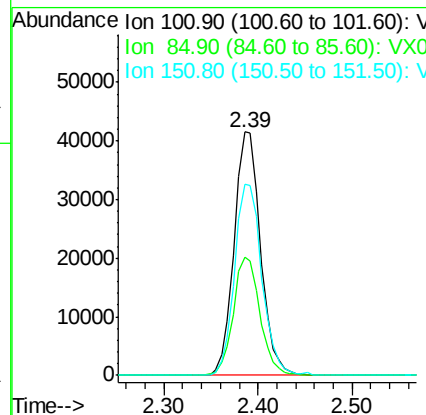
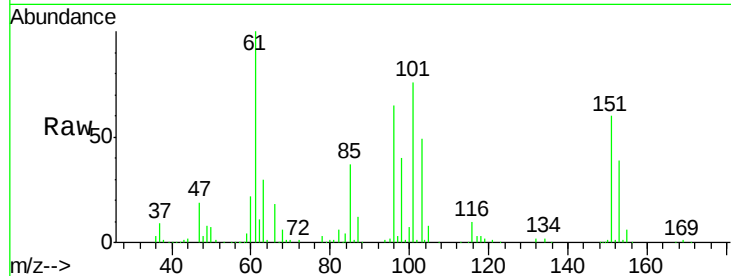
ClientSampled :

VSTDCCC050

Tgt Ion:	101	Resp:	80849
Ion Ratio	Lower	Upper	
101	100		
85	49.1	37.6	56.4
151	81.2	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 35.751 ug/l

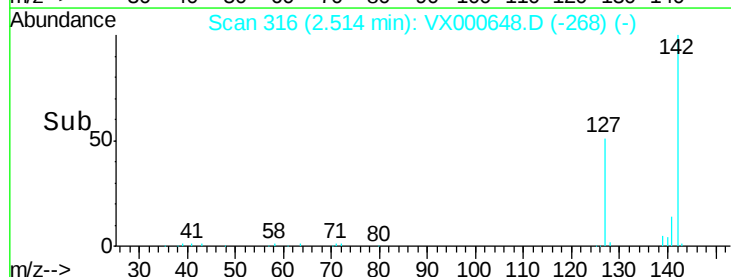
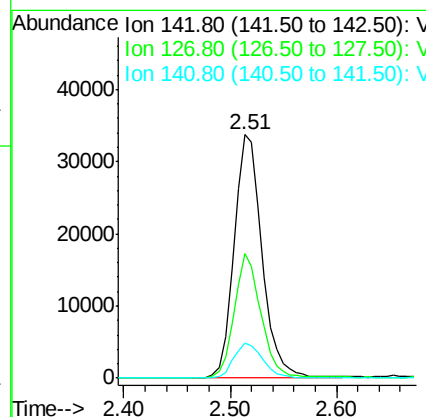
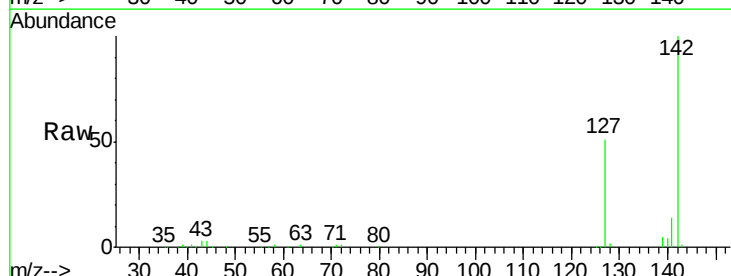
RT: 2.51 min Scan# 316

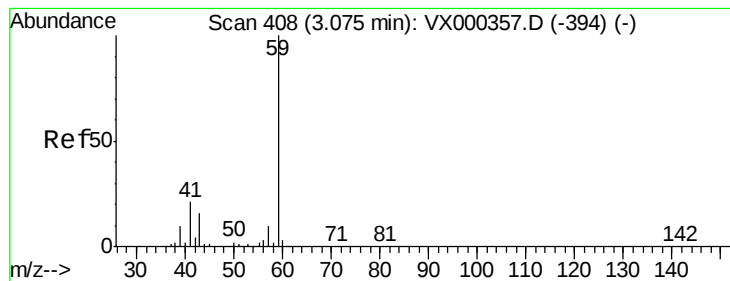
Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Tgt Ion:	142	Resp:	62410
Ion Ratio	Lower	Upper	
142	100		
127	48.9	39.2	58.8
141	14.7	11.7	17.5





#11

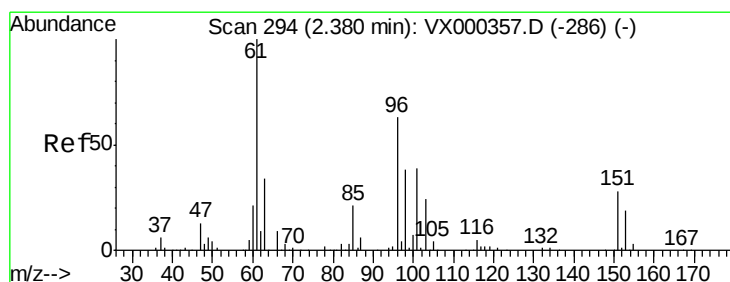
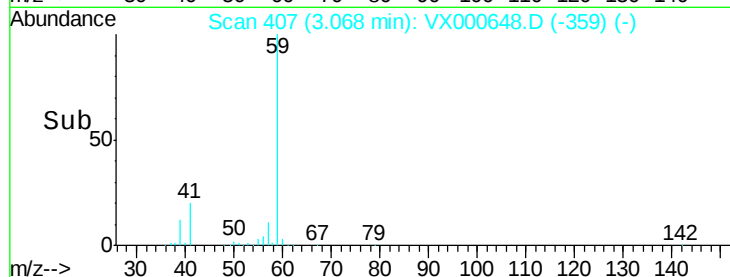
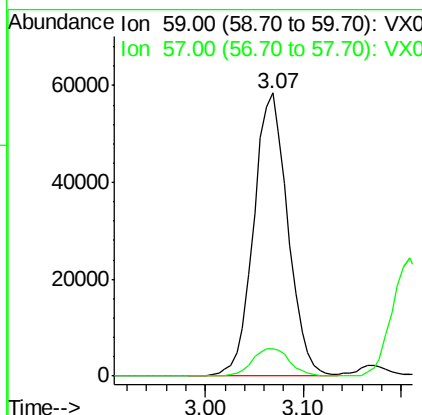
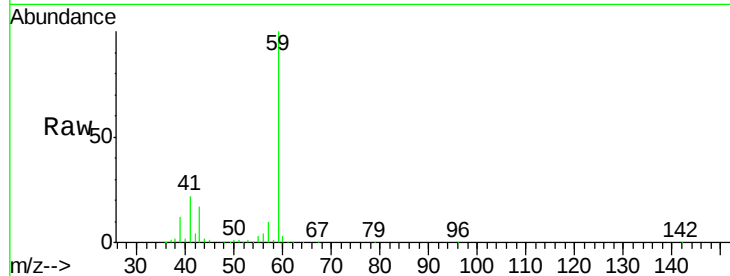
Tert butyl alcohol
 Concen: 214.979 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 59 Resp: 143070
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

Manual Integrations
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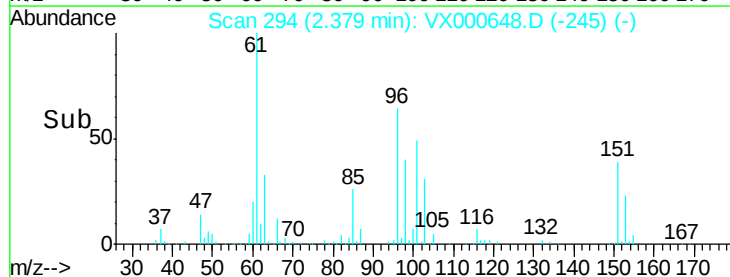
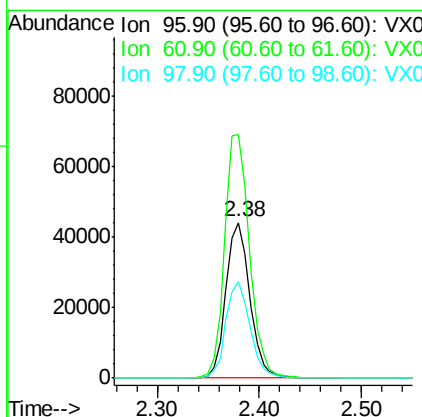
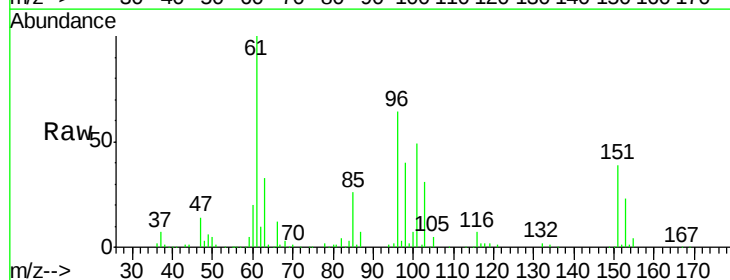
sam
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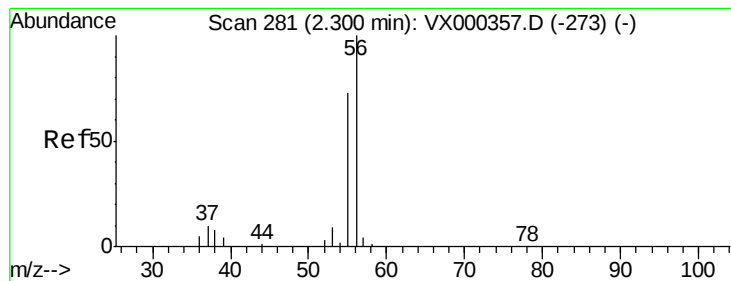


#12

1,1-Dichloroethene
 Concen: 44.712 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion: 96 Resp: 71831
 Ion Ratio Lower Upper
 96 100
 61 156.3 131.2 196.8
 98 61.9 49.8 74.8





#13

Acrolein

Concen: 314.834 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 67752

Ion Ratio Lower Upper

56 100

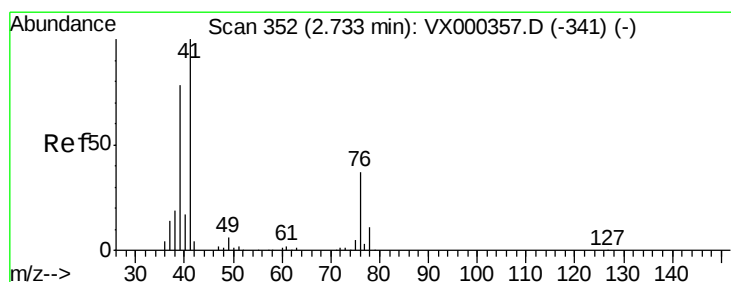
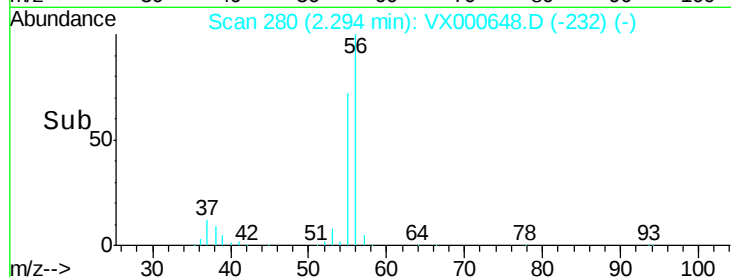
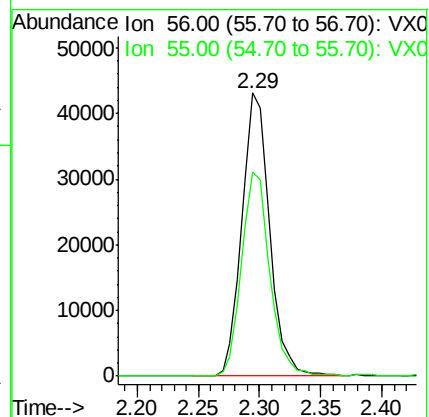
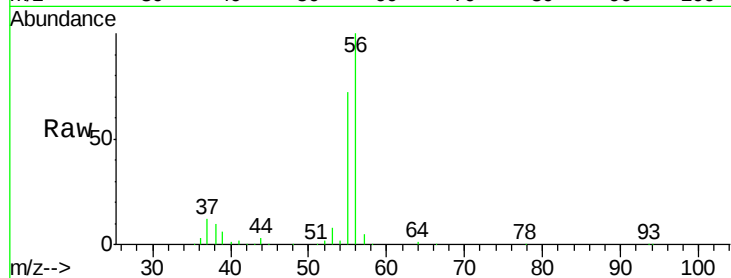
55 73.2 58.8 88.2

Manual Integrations

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#14

Allyl chloride

Concen: 45.600 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

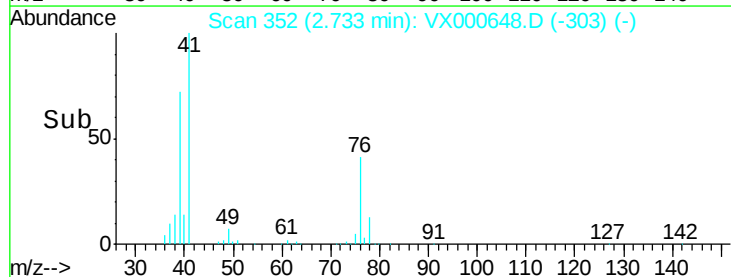
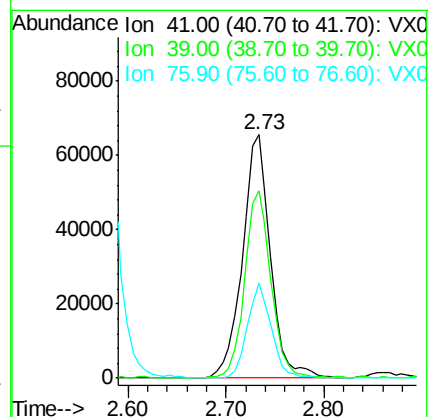
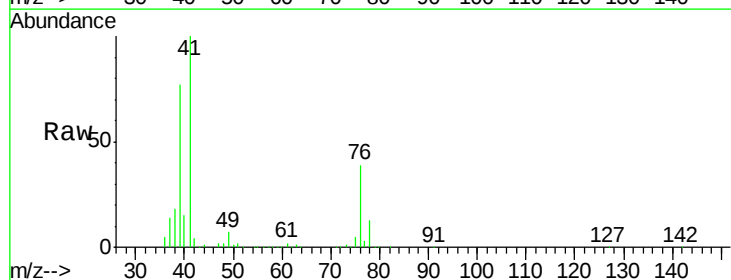
Tgt Ion: 41 Resp: 129413

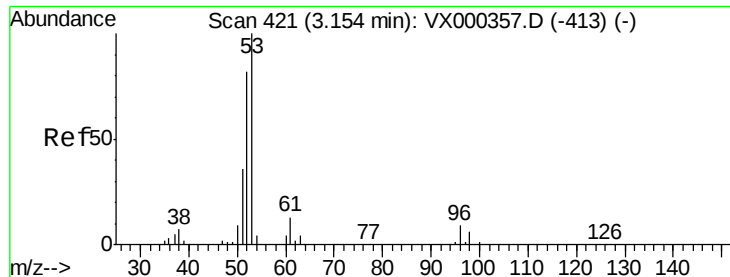
Ion Ratio Lower Upper

41 100

39 71.7 57.6 86.4

76 33.3 27.3 40.9





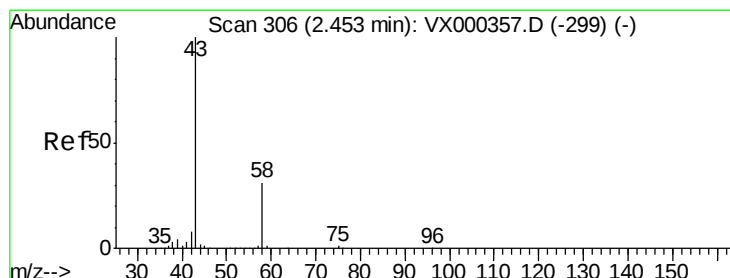
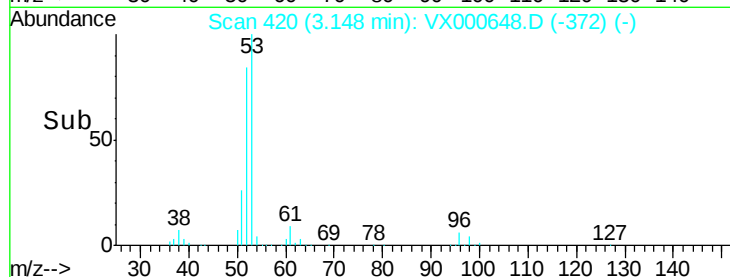
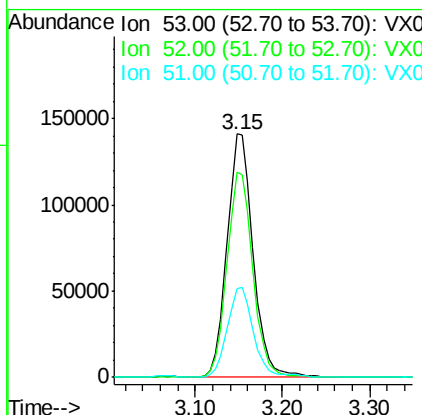
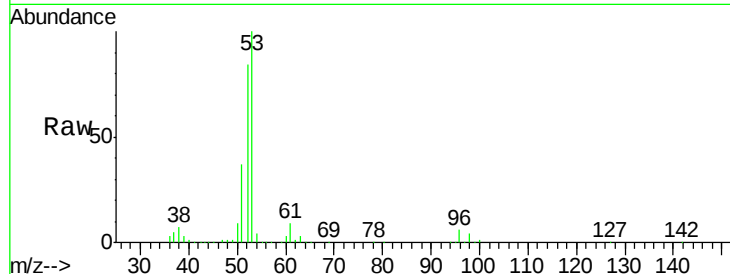
#15
Acrylonitrile
Concen: 215.937 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.6	99.8
51	37.3	29.3	43.9

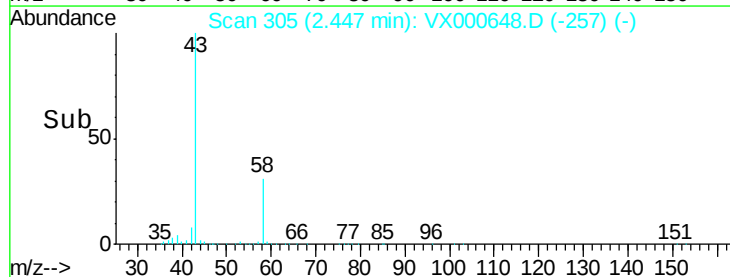
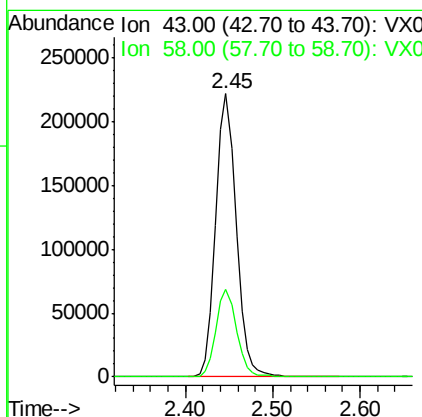
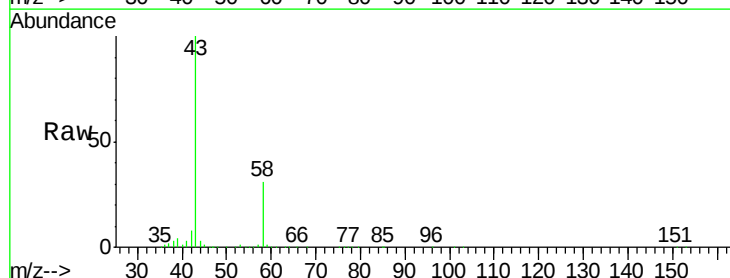
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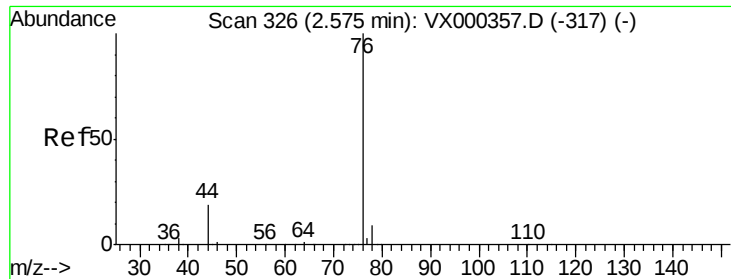
sam
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#16
Acetone
Concen: 223.195 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.7	37.1





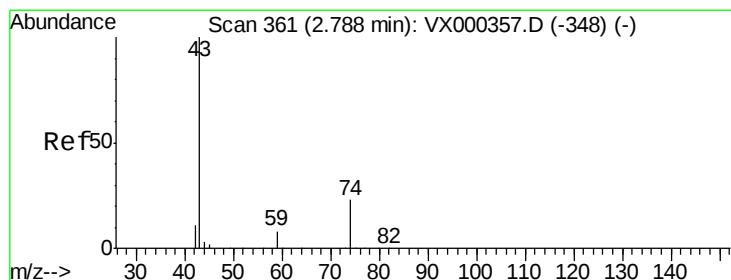
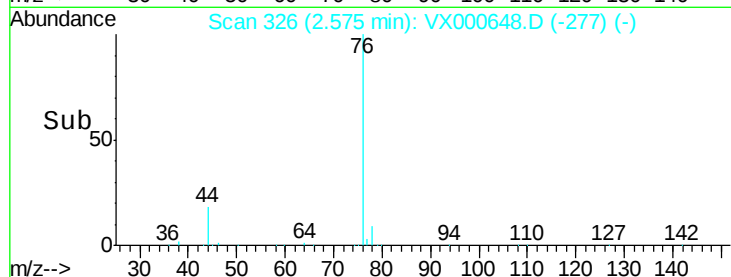
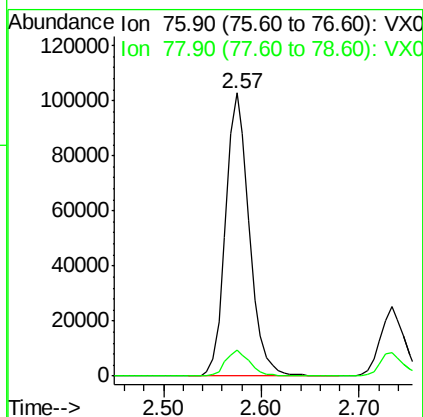
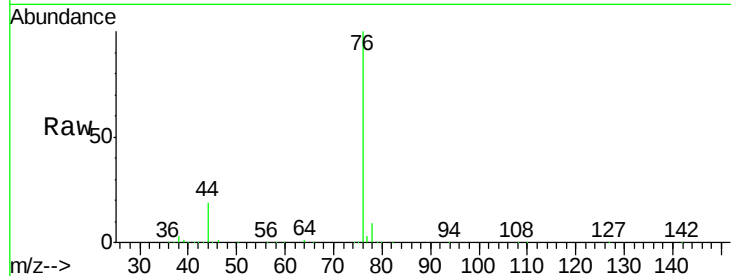
#17
Carbon Disulfide
Concen: 40.464 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 172913
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

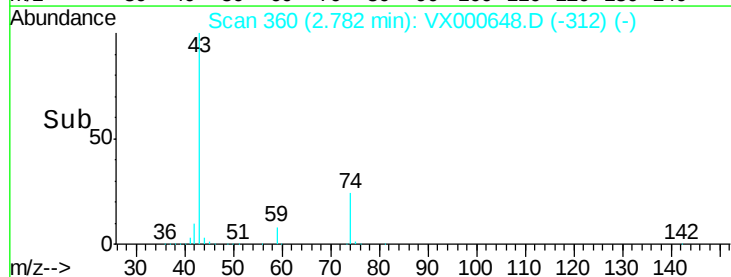
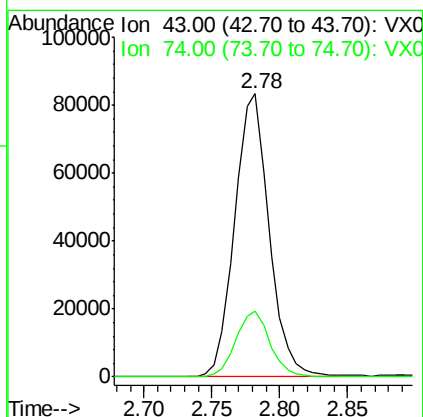
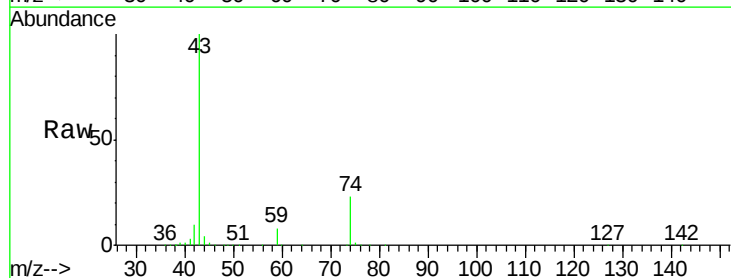
Manual Integrations
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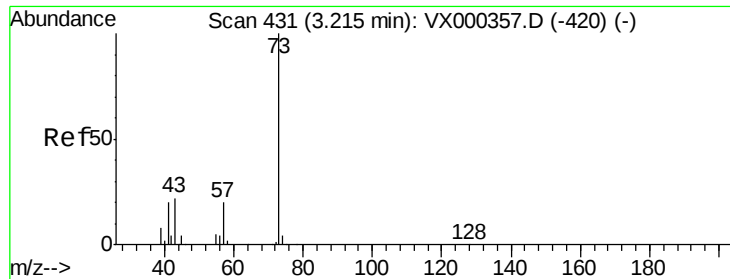
sam
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#18
Methyl Acetate
Concen: 43.403 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion: 43 Resp: 146452
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2





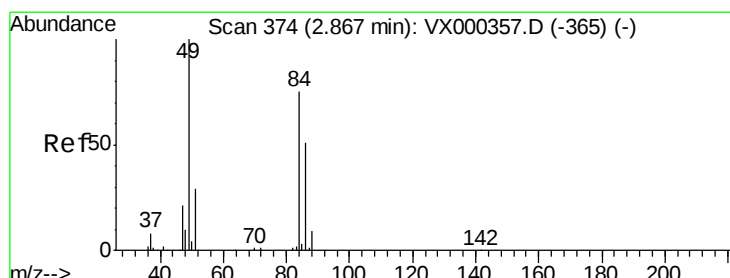
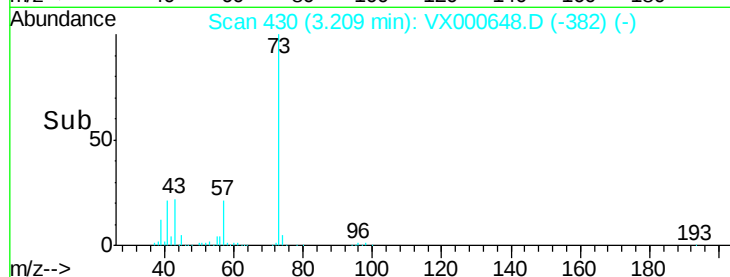
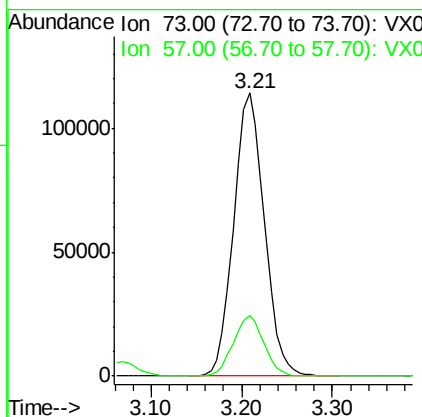
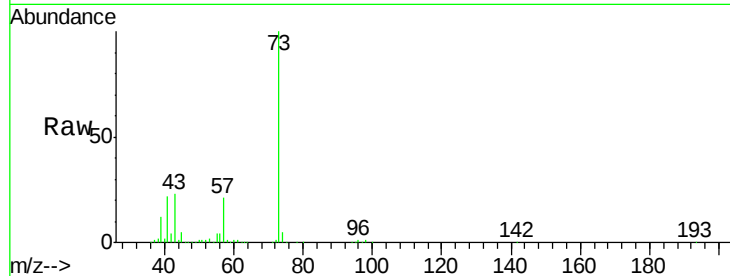
#19
Methyl tert-butyl Ether
Concen: 45.056 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 267707
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8

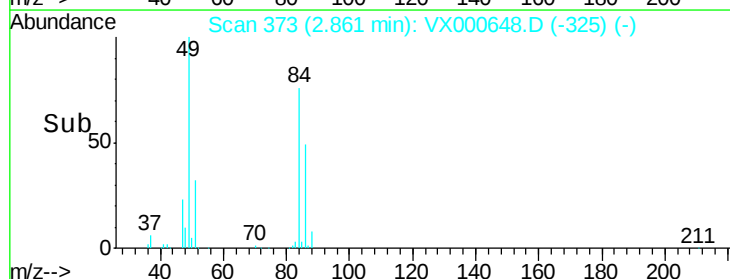
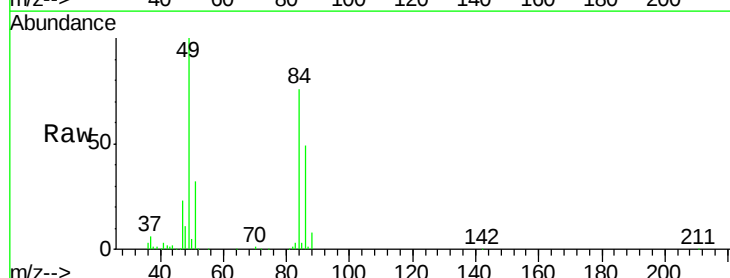
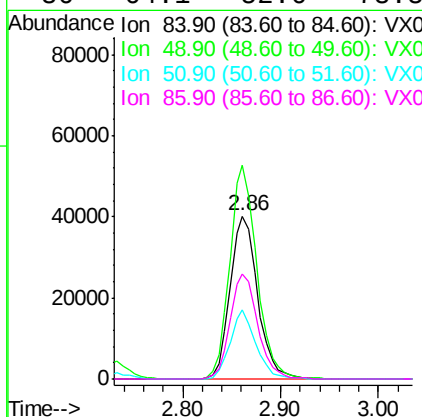
Manual Integrations
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#20
Methylene Chloride
Concen: 42.209 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion: 84 Resp: 78465
Ion Ratio Lower Upper
84 100
49 131.1 100.6 151.0
51 42.3 31.6 47.4
86 64.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 43.300 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

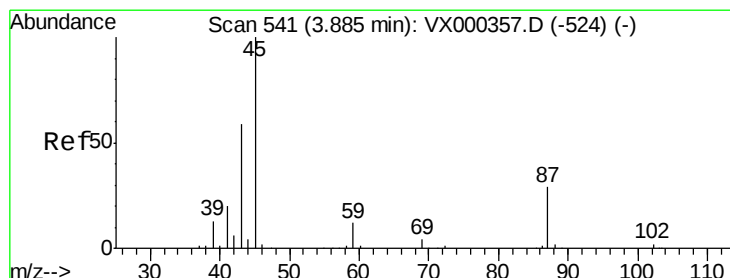
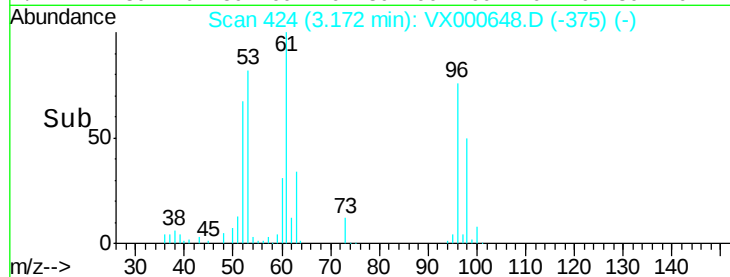
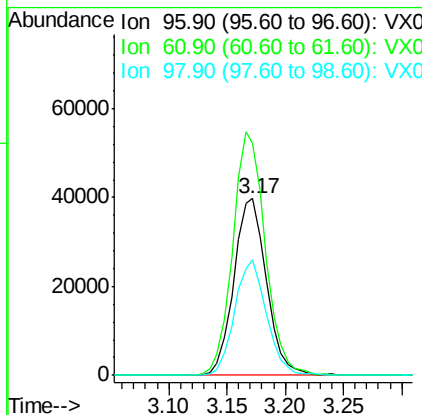
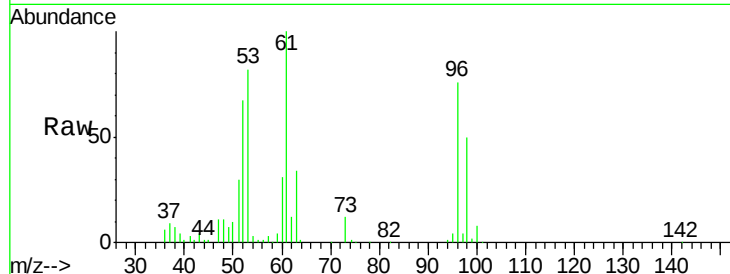
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	77597
Ion	Ratio	Lower	Upper
96	100		
61	131.5	104.0	156.0
98	65.3	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.632 ug/l

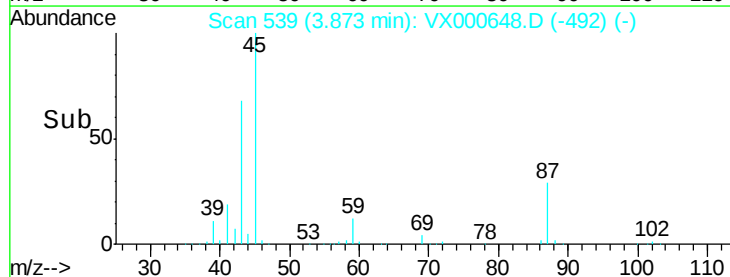
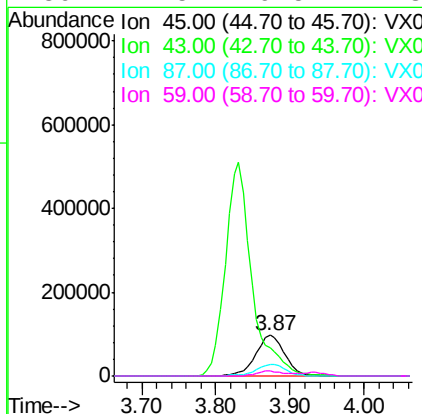
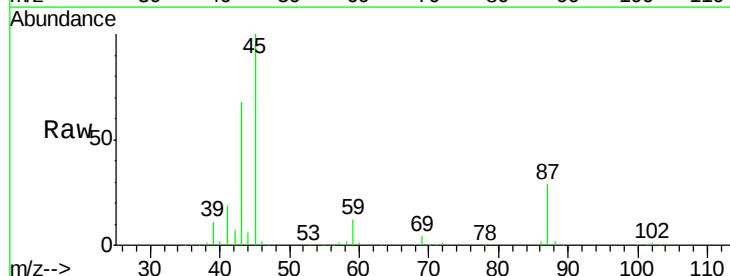
RT: 3.87 min Scan# 539

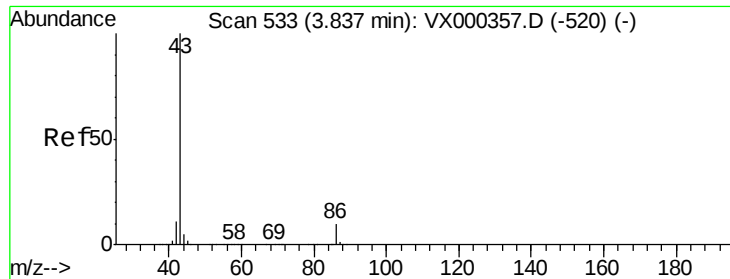
Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Tgt Ion:	45	Resp:	269342
Ion	Ratio	Lower	Upper
45	100		
43	67.6	53.9	80.9
87	29.5	22.6	34.0
59	11.5	9.5	14.3





#23

Vinyl Acetate

Concen: 268.397 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1277816

Ion Ratio Lower Upper

43 100

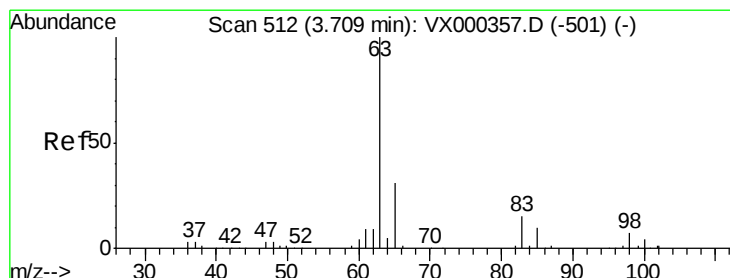
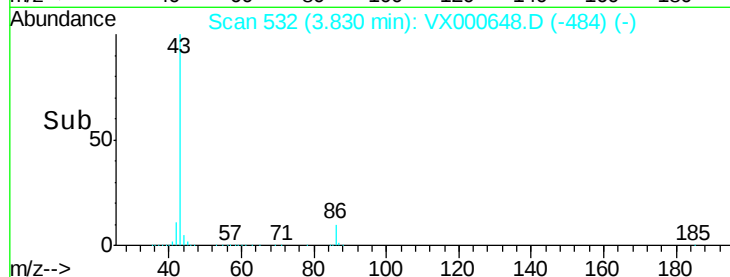
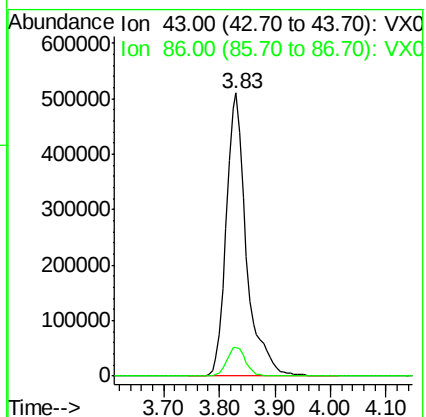
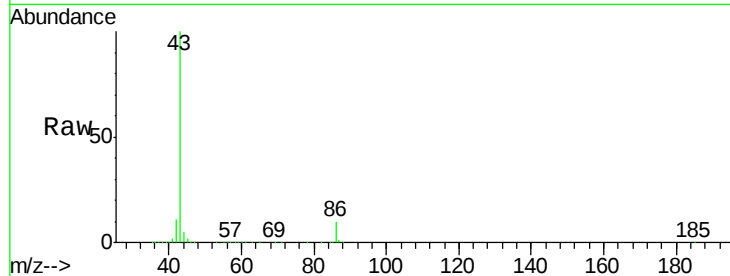
86 10.3 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 43.193 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

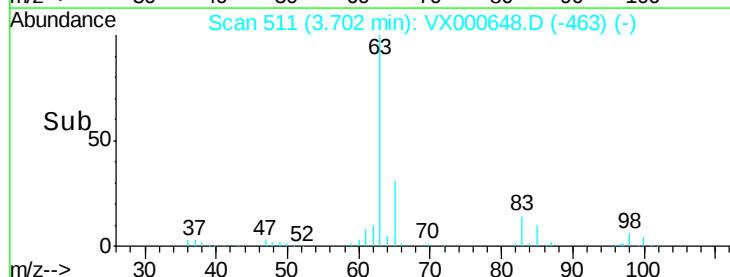
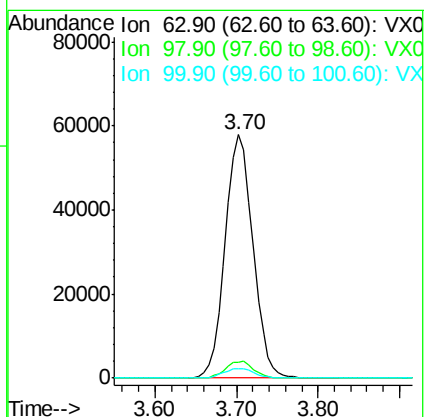
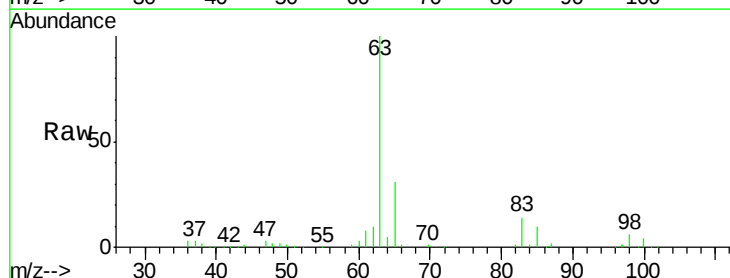
Tgt Ion: 63 Resp: 136382

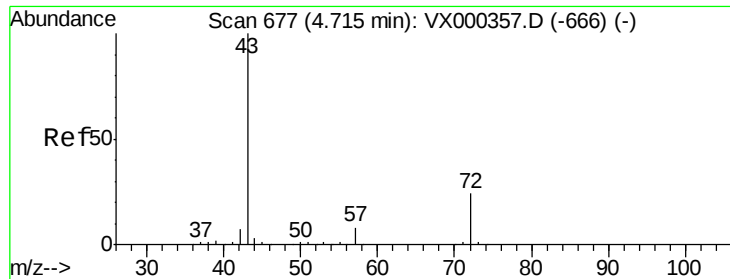
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 215.445 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 389753

Ion Ratio Lower Upper

43 100

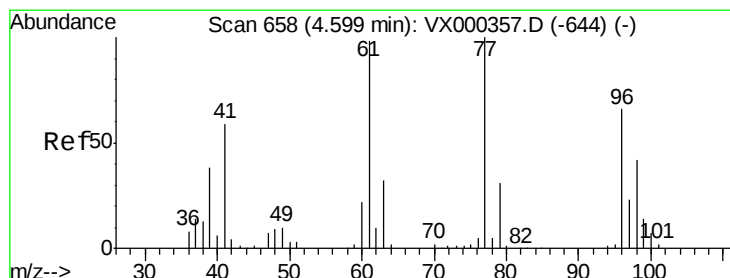
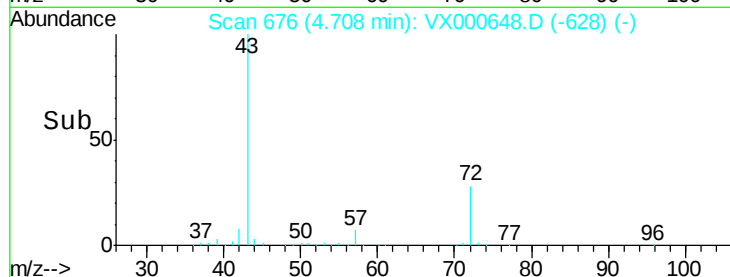
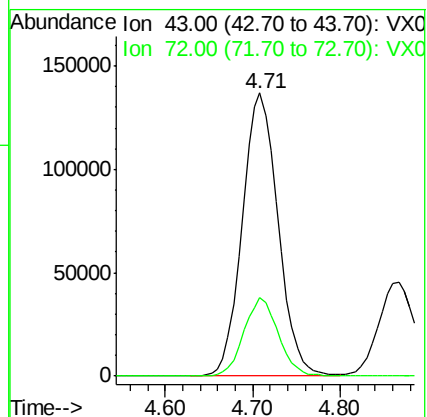
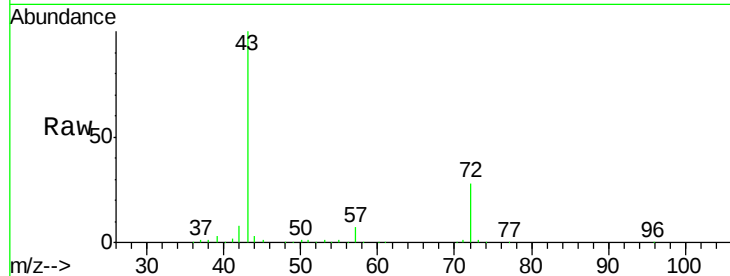
72 27.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.516 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000648.D

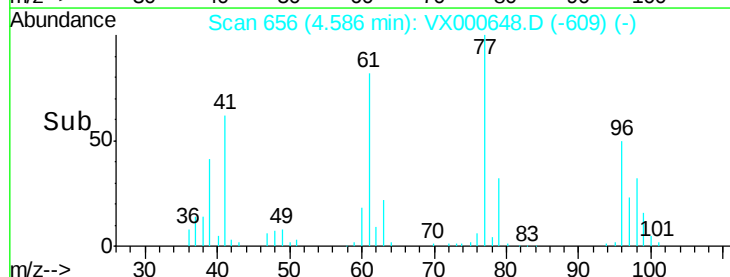
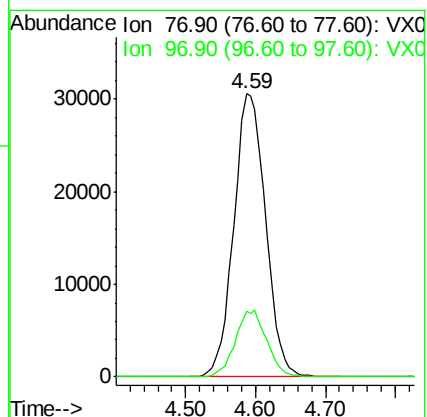
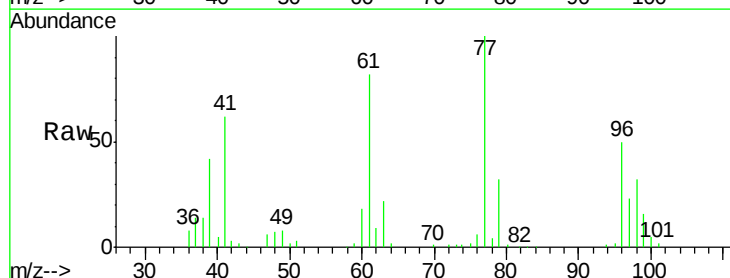
Acq: 03 Apr 2018 12:14

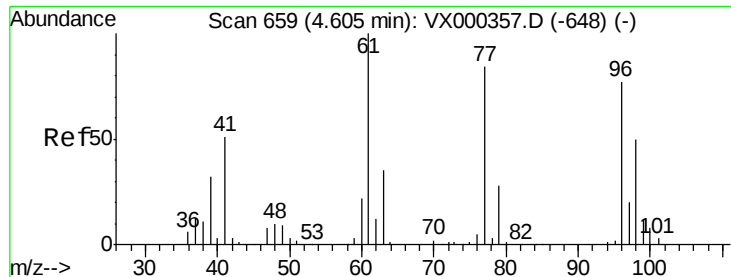
Tgt Ion: 77 Resp: 96304

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.8





#27

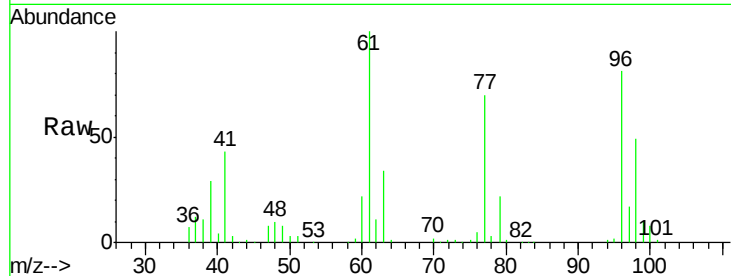
cis-1,2-Dichloroethene
Concen: 42.739 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

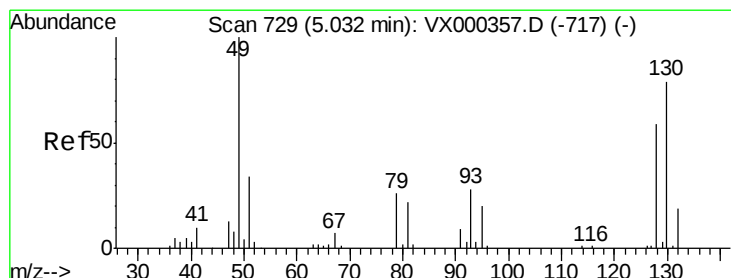
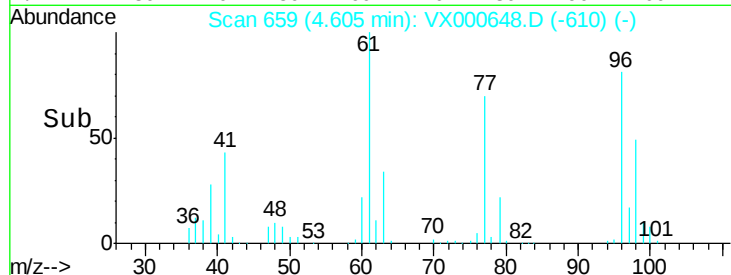
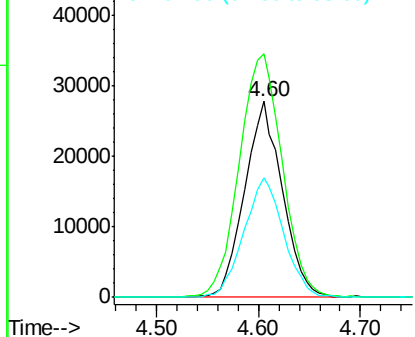
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	71583		
61	141.7	0.0	291.6	
98	64.4	0.0	132.0	

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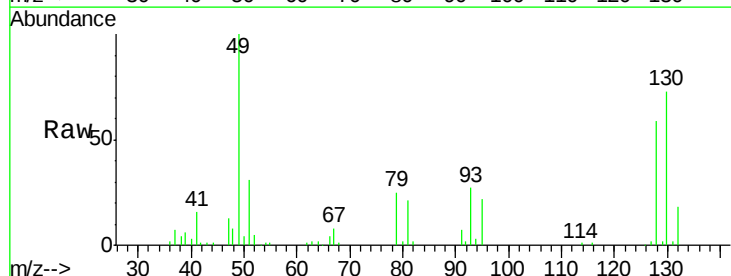
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



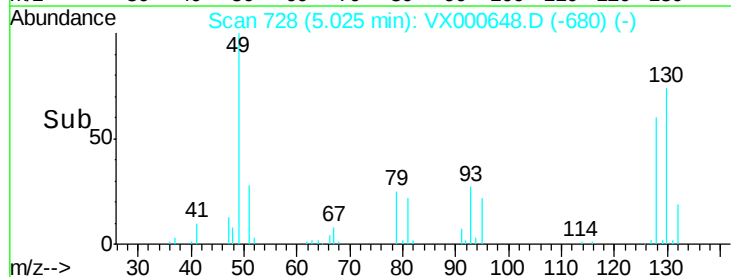
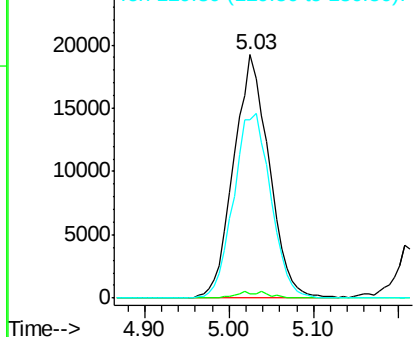
#28

Bromochloromethane
Concen: 42.092 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	54806		
129	1.2	0.0	5.0	
130	79.4	64.0	96.0	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





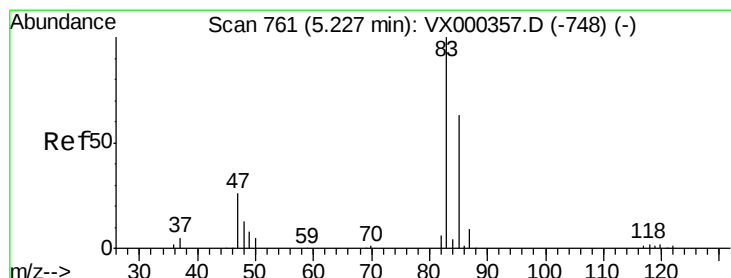
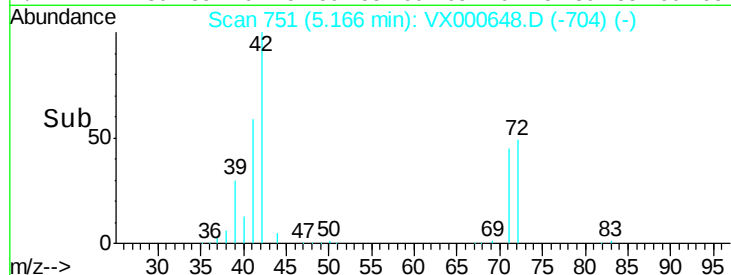
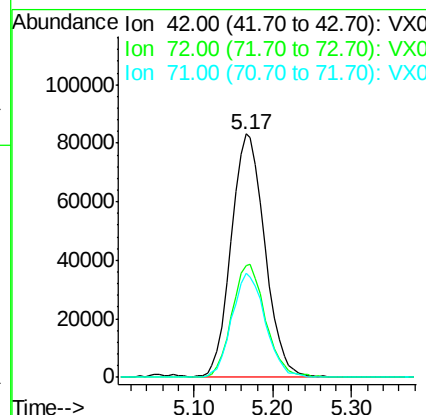
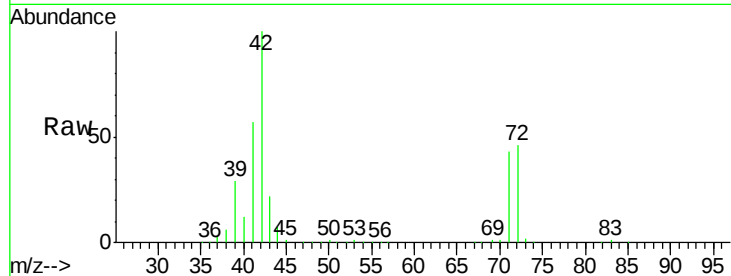
#29
Tetrahydrofuran
Concen: 220.377 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.9	56.9
71	43.0	34.4	51.6

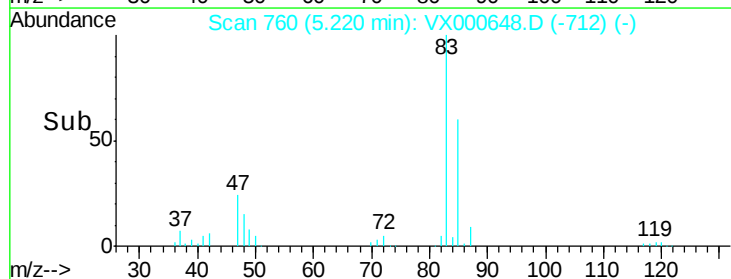
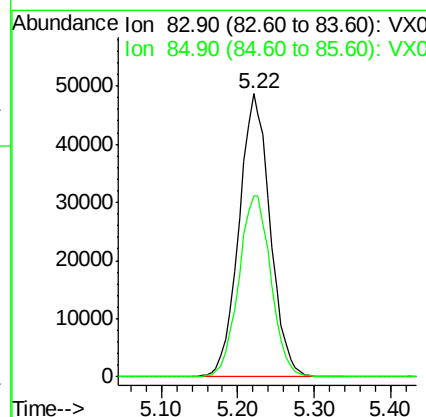
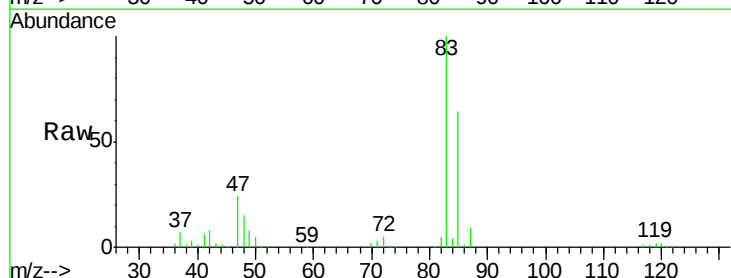
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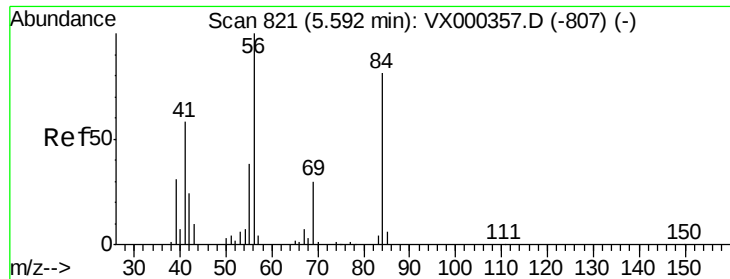
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#30
Chloroform
Concen: 46.351 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.3	79.9





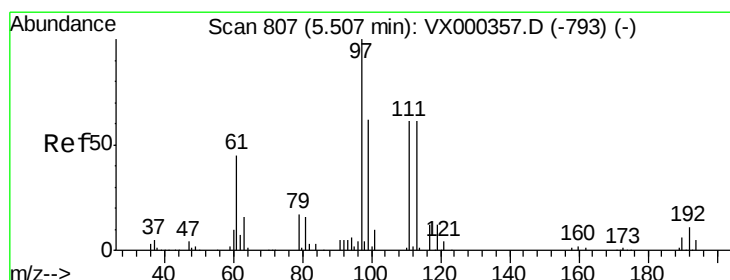
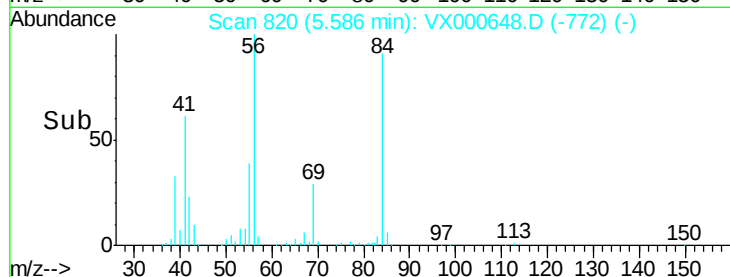
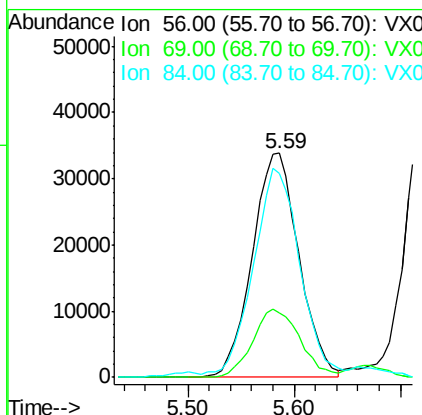
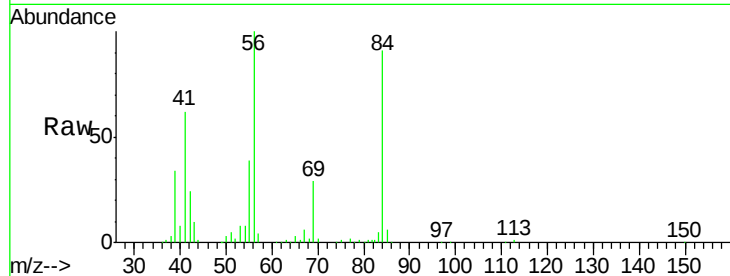
#31
Cyclohexane
Concen: 42.480 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.0
84	88.9	71.0	106.4

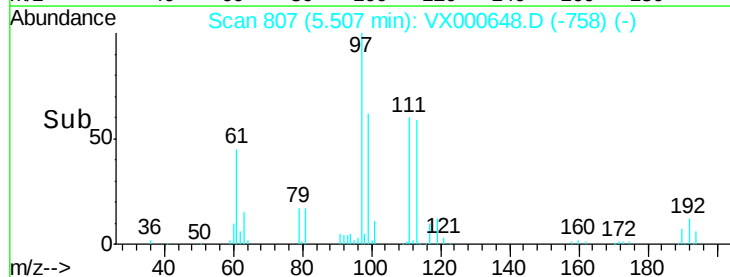
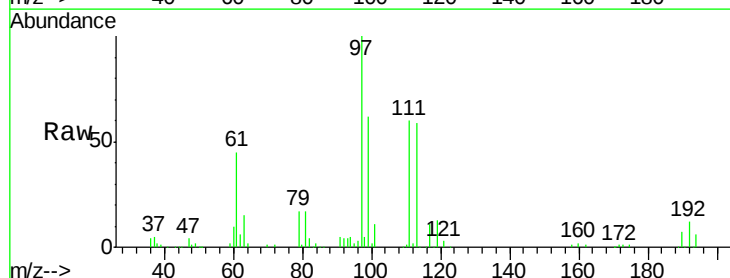
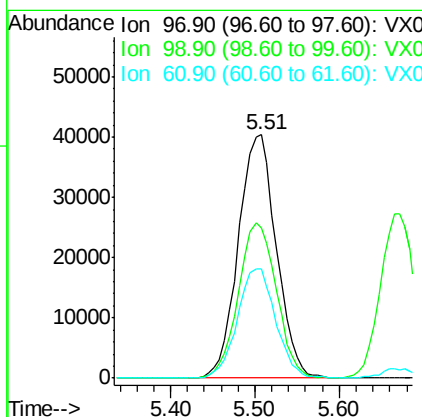
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#32
1,1,1-Trichloroethane
Concen: 46.256 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.1	78.1
61	45.4	36.2	54.4





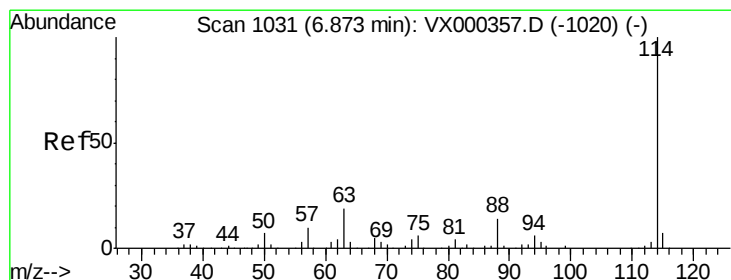
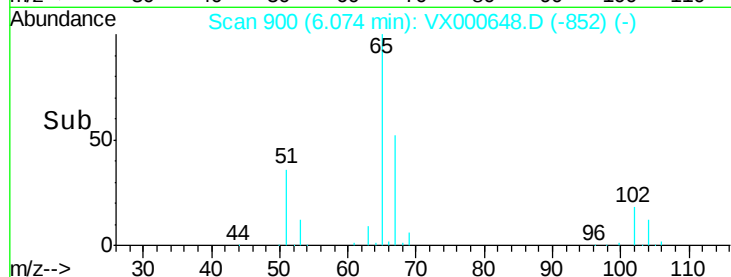
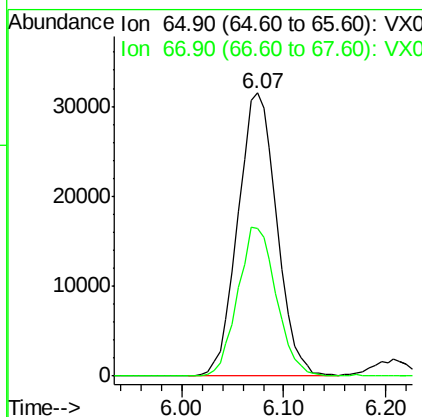
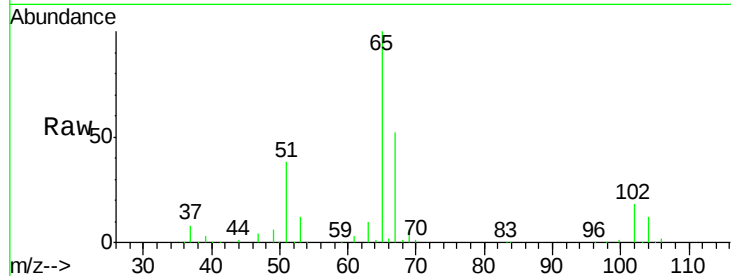
#33
 1,2-Dichloroethane-d4
 Concen: 43.113 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 83412
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.2

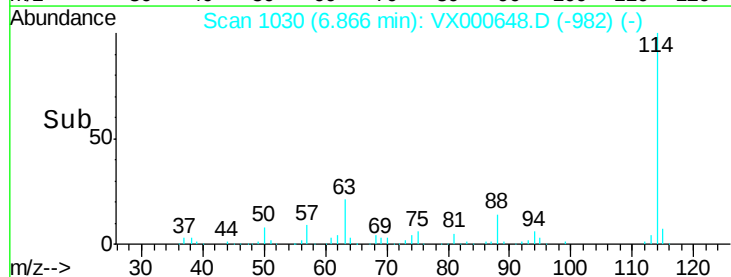
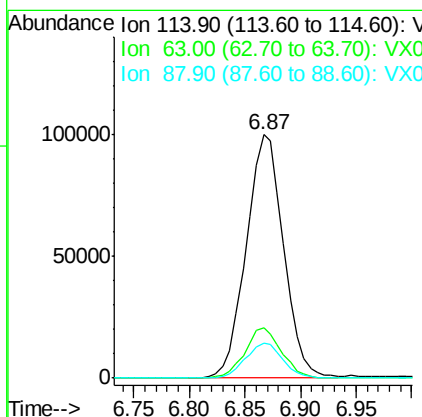
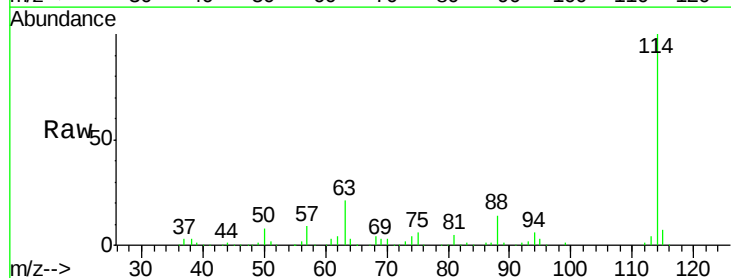
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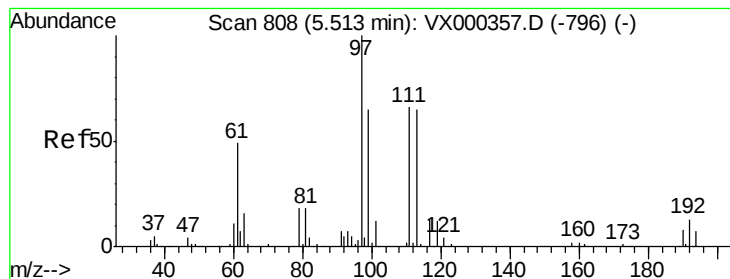
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion: 114 Resp: 234169
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.4
 88 14.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 45.232 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

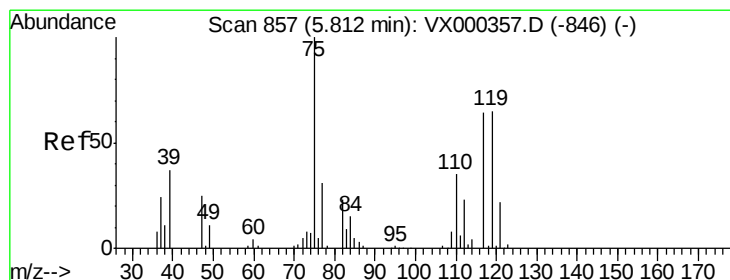
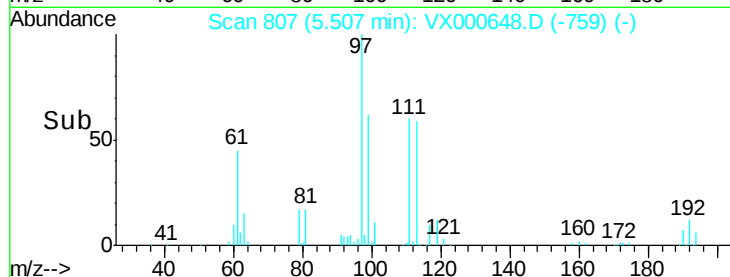
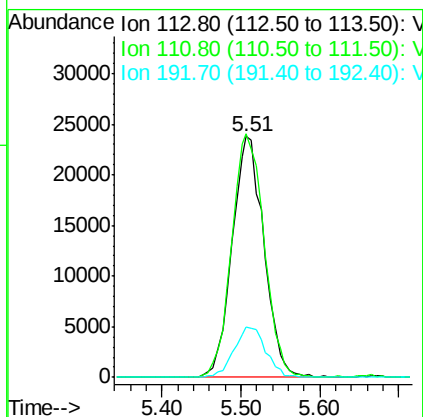
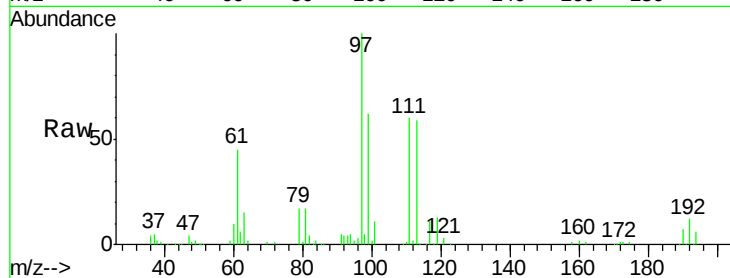
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	66738
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	20.9	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.183 ug/l

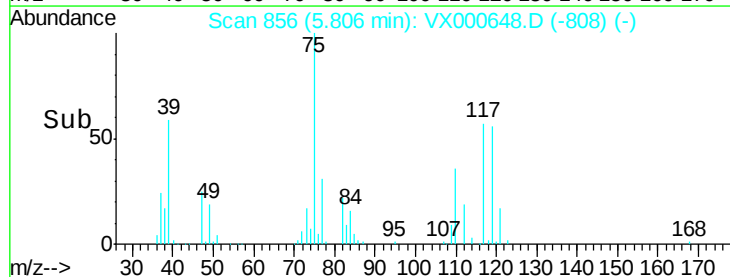
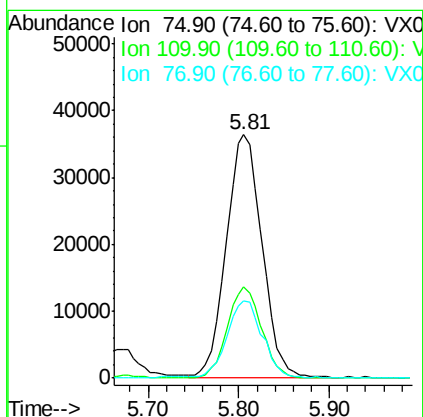
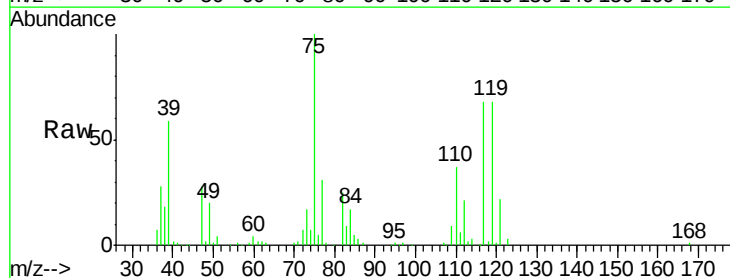
RT: 5.81 min Scan# 856

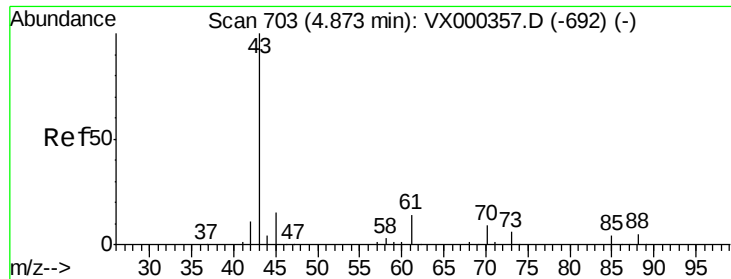
Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Tgt Ion:	75	Resp:	99109
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	31.2	24.0	36.0





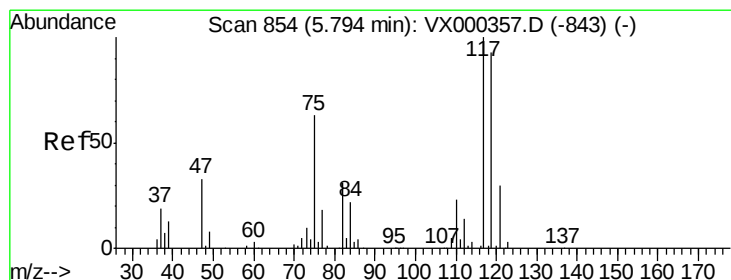
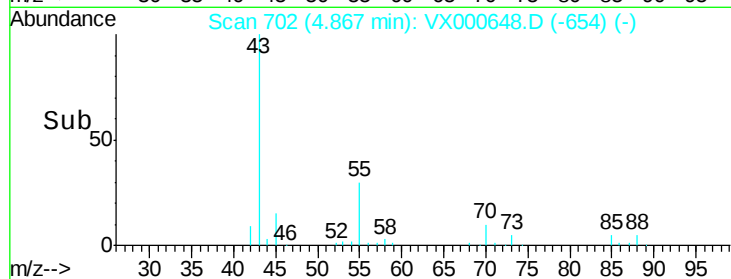
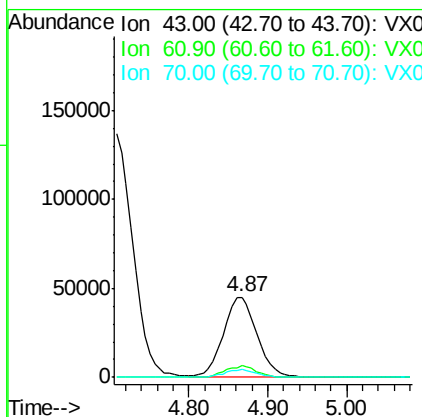
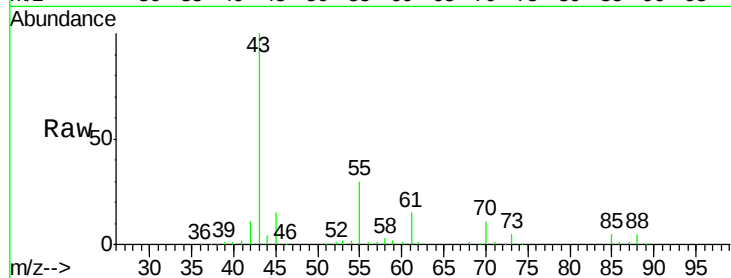
#37
Ethyl Acetate
Concen: 44.471 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	9.5	7.7	11.5

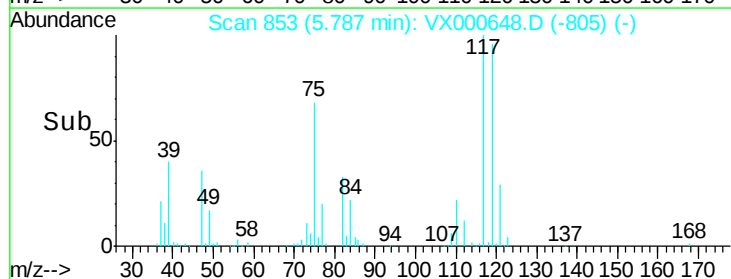
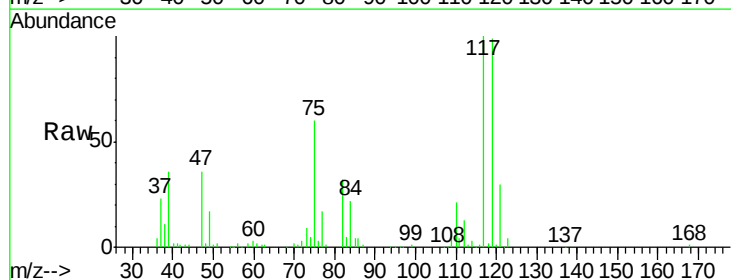
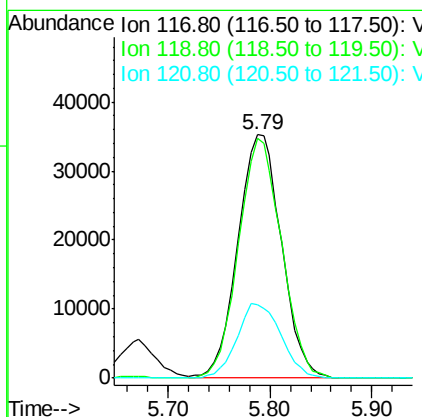
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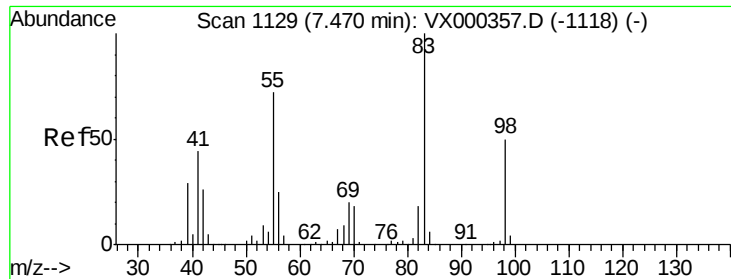
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#38
Carbon Tetrachloride
Concen: 45.400 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.4	116.2
121	29.9	24.8	37.2





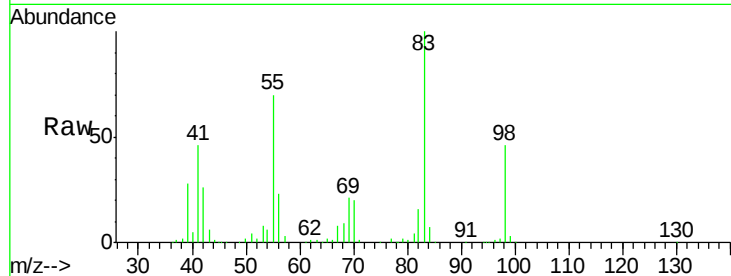
#39
Methylcyclohexane
Concen: 47.617 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

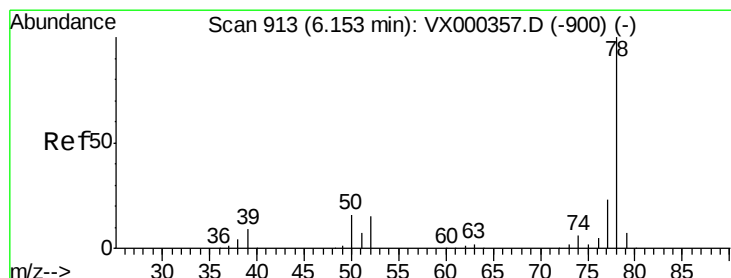
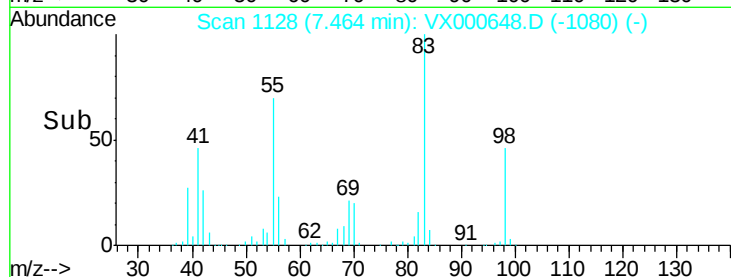
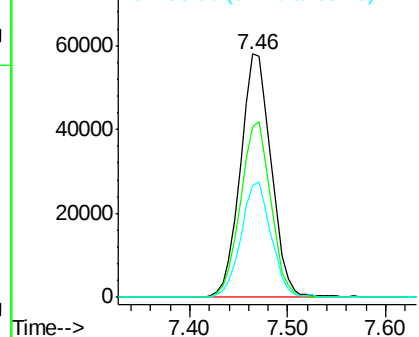
Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.3	55.5	83.3
98	46.1	38.2	57.4

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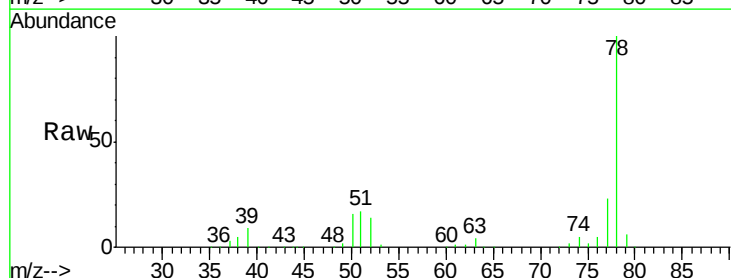


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

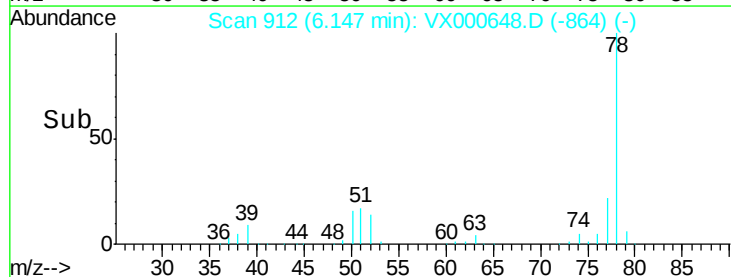
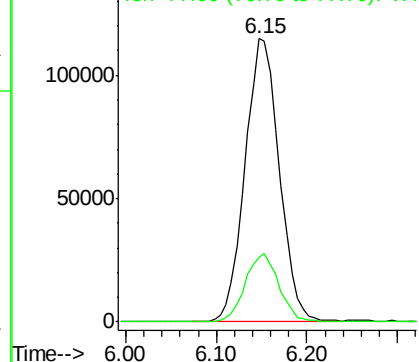


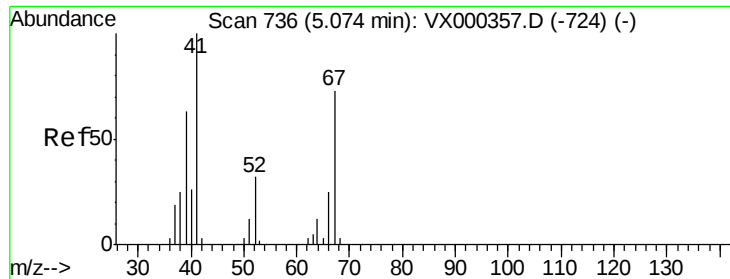
#40
Benzene
Concen: 47.242 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





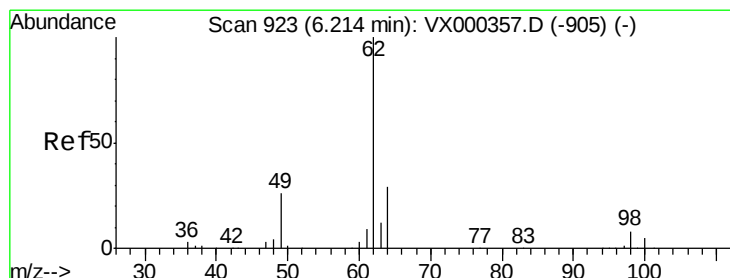
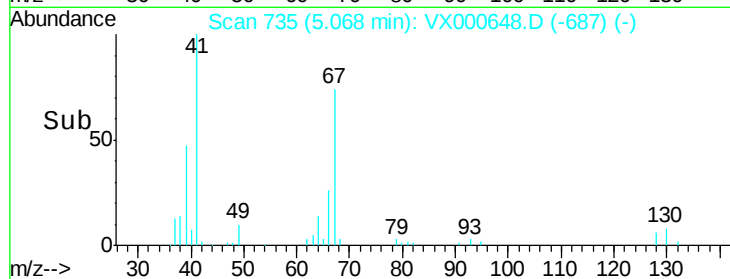
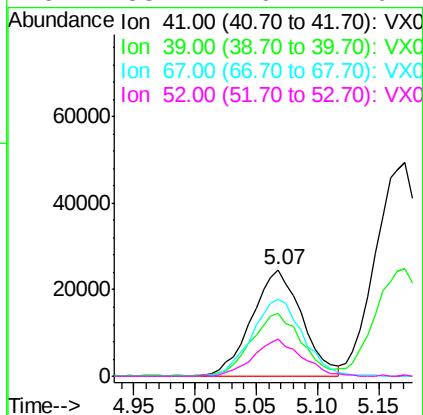
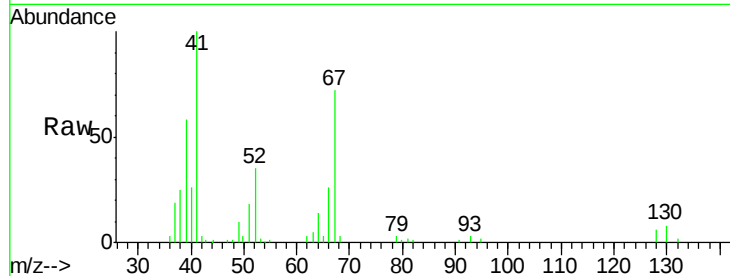
#41
Methacrylonitrile
Concen: 44.610 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	70467
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.7	68.5
67	73.6	57.8	86.8
52	33.7	26.7	40.1

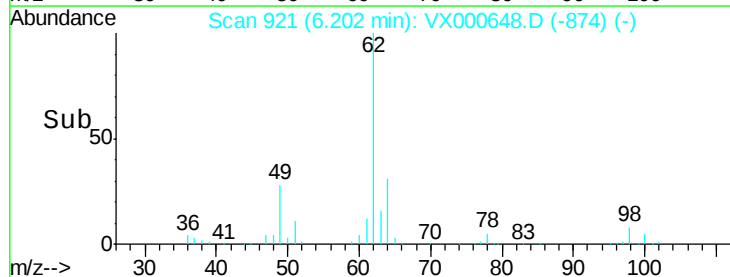
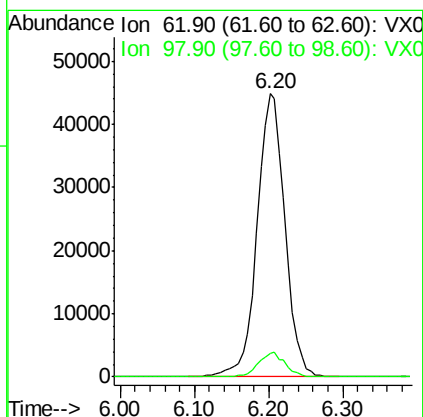
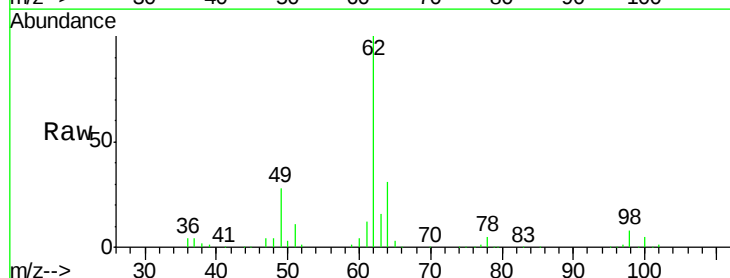
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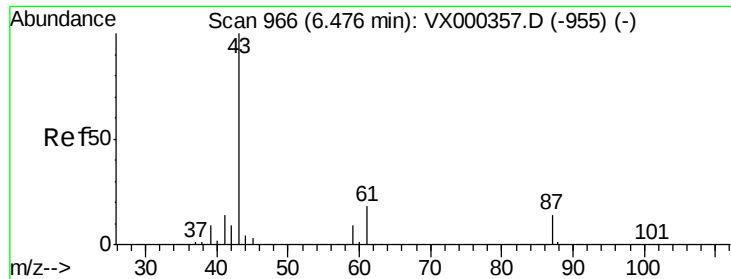
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#42
1,2-Dichloroethane
Concen: 46.847 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion:	62	Resp:	117084
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 47.371 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

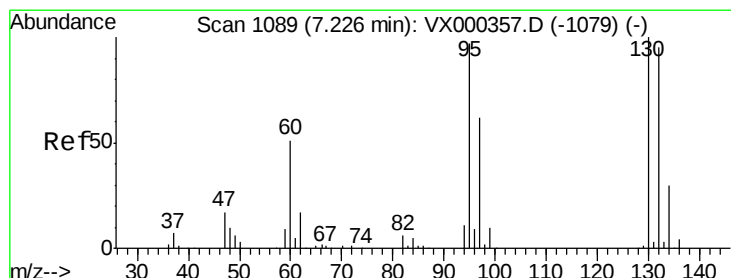
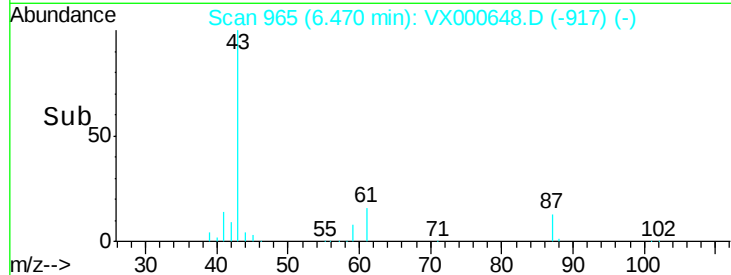
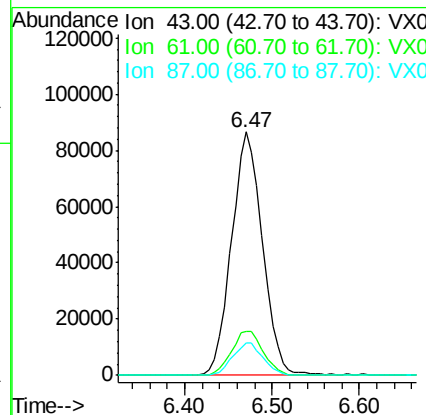
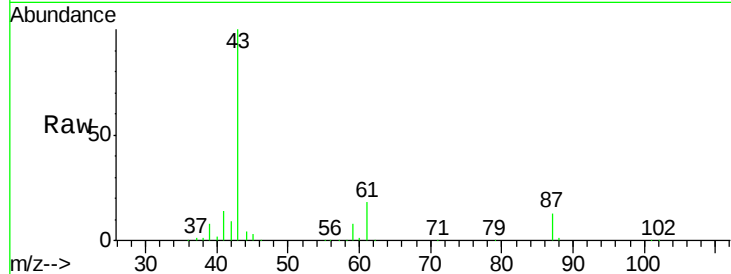
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	211278
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.4	21.6
87	13.3	11.0	16.4

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sam
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#44

Trichloroethene

Concen: 47.693 ug/l

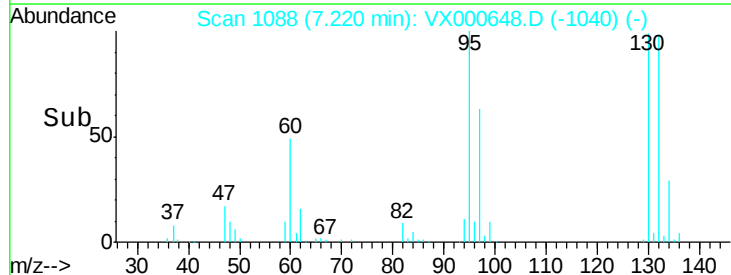
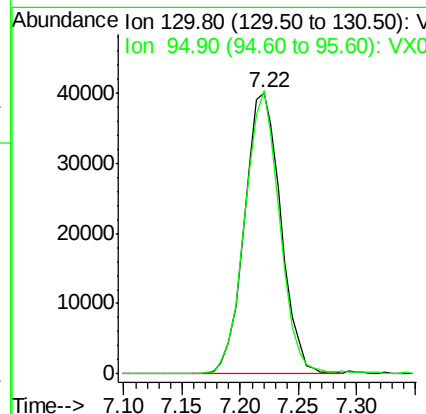
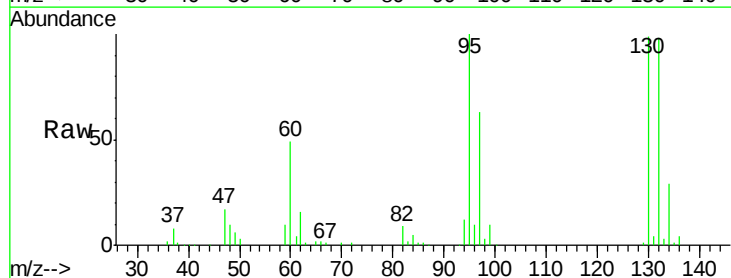
RT: 7.22 min Scan# 1088

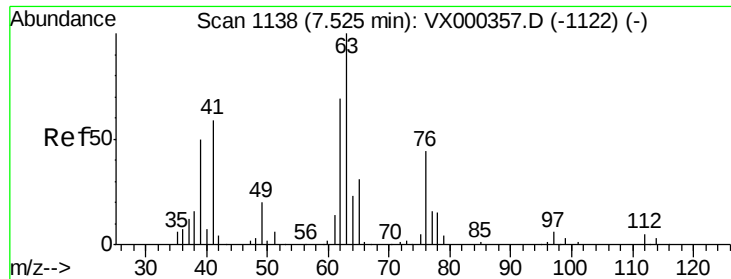
Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Tgt Ion:	130	Resp:	87035
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	186.0





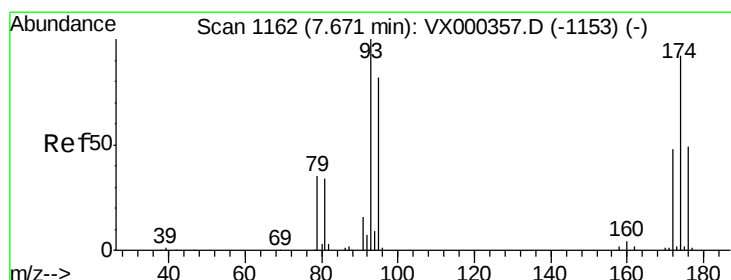
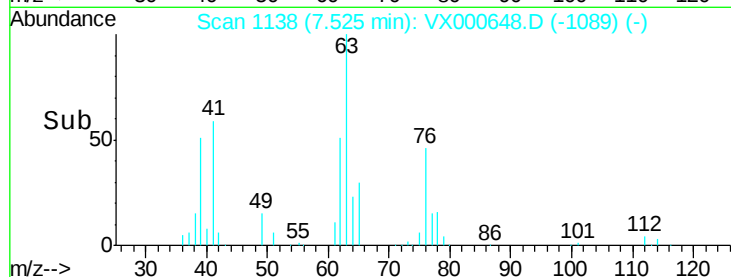
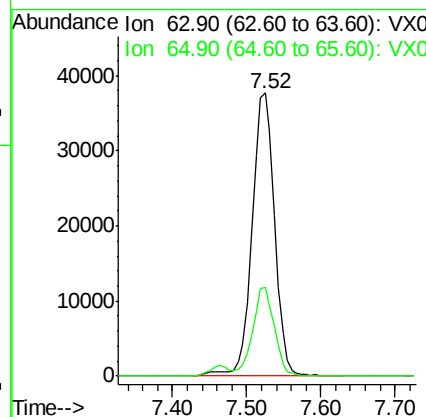
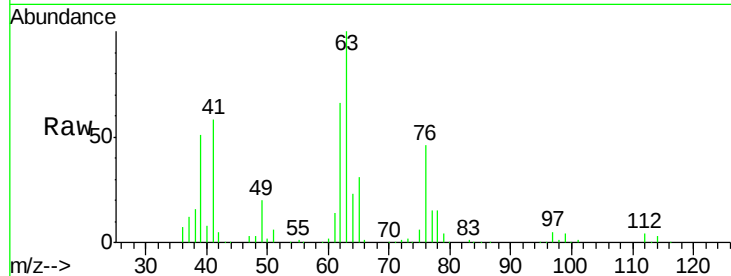
#45
 1,2-Dichloropropane
 Concen: 49.096 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 80050
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 36.8

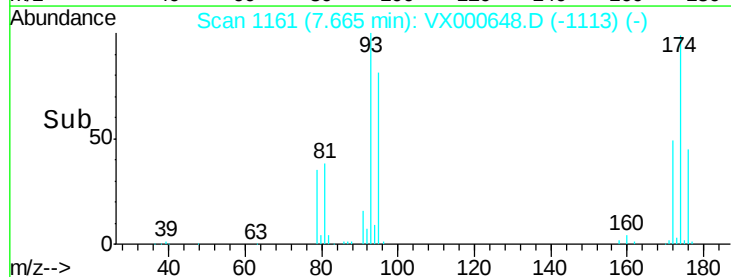
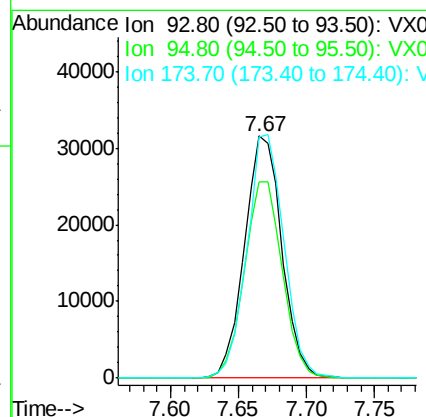
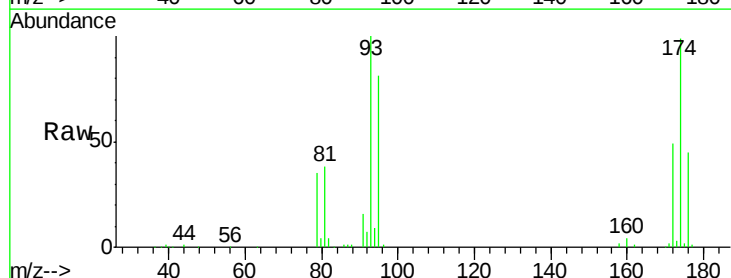
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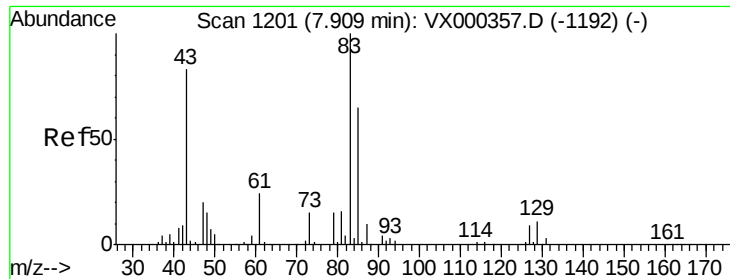
sam
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#46
 Dibromomethane
 Concen: 47.566 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion: 93 Resp: 60876
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.5 99.7
 174 99.4 76.0 114.0





#47

Bromodichloromethane

Concen: 51.559 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

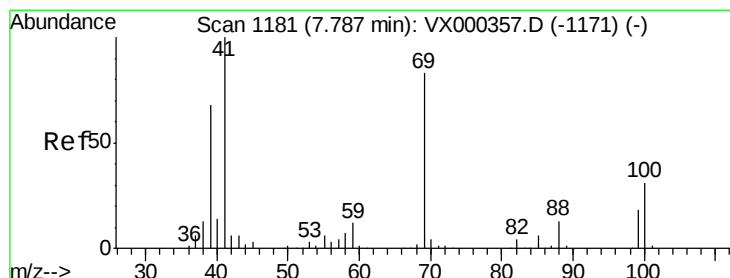
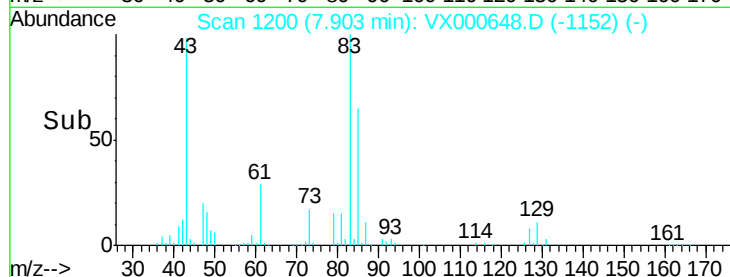
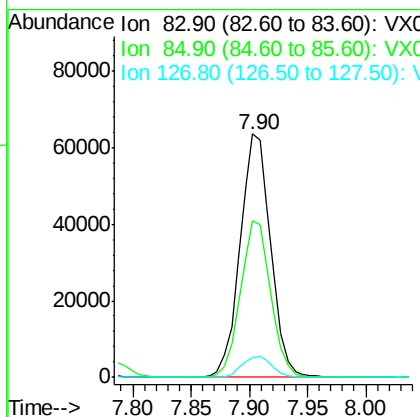
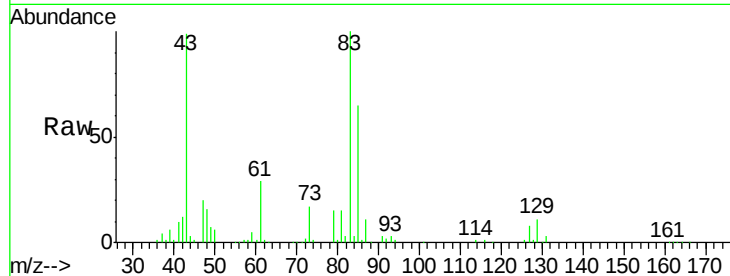
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	116099
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0
127	8.0	7.0	10.6

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 48.109 ug/l

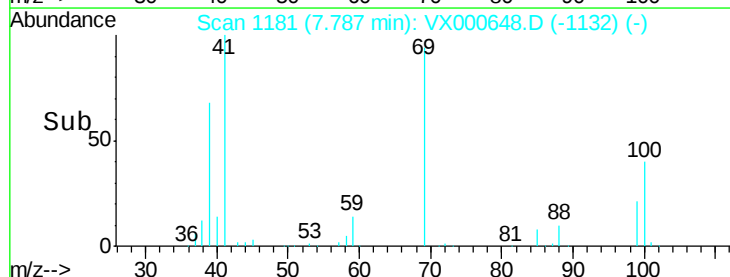
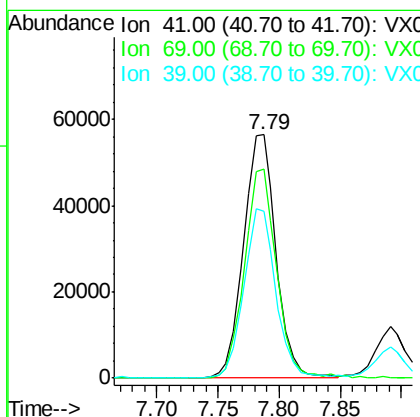
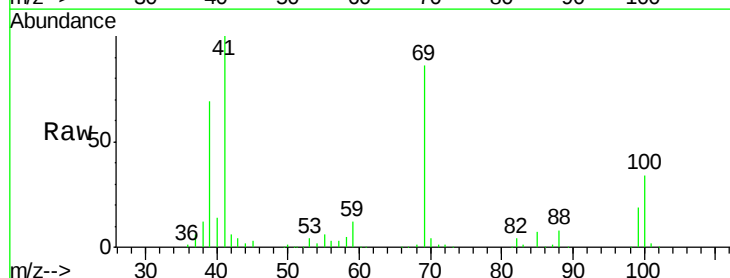
RT: 7.79 min Scan# 1181

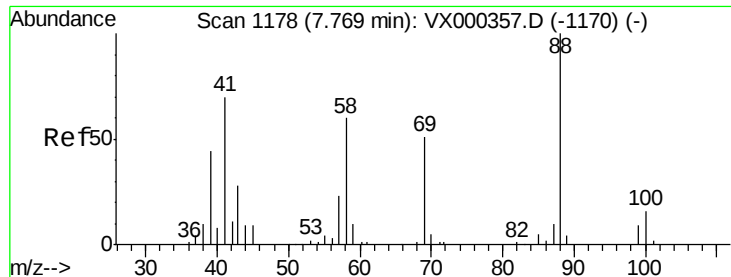
Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Tgt Ion:	41	Resp:	104170
Ion	Ratio	Lower	Upper
41	100		
69	85.3	68.2	102.4
39	67.9	54.6	81.8





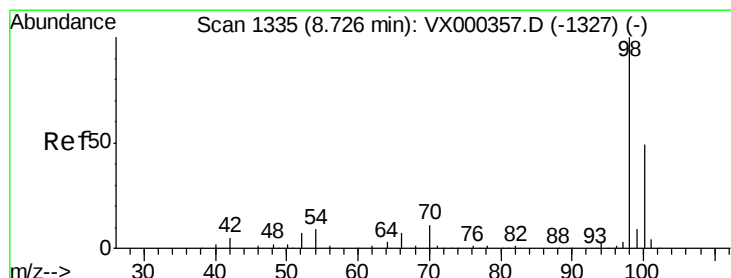
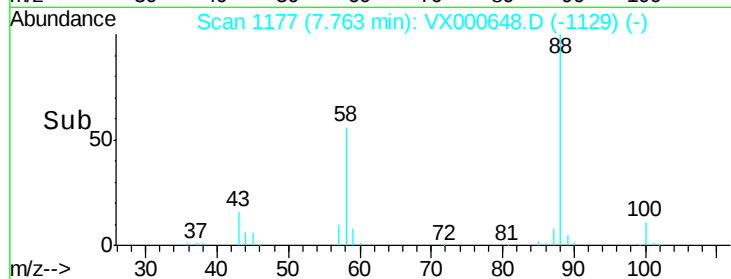
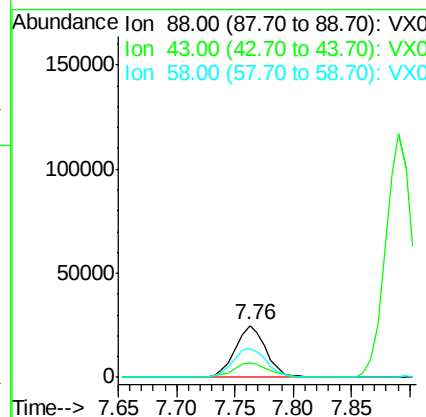
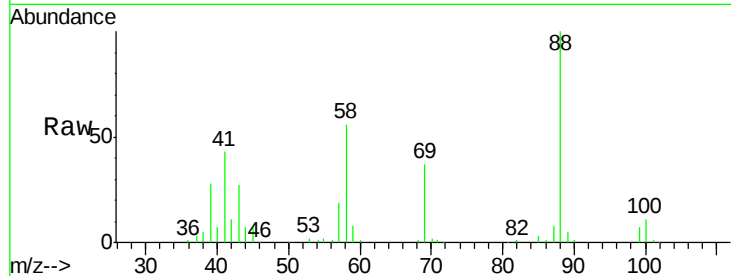
#49
 1,4-Dioxane
 Concen: 1006.988 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.8	40.2
58	61.1	52.2	78.2

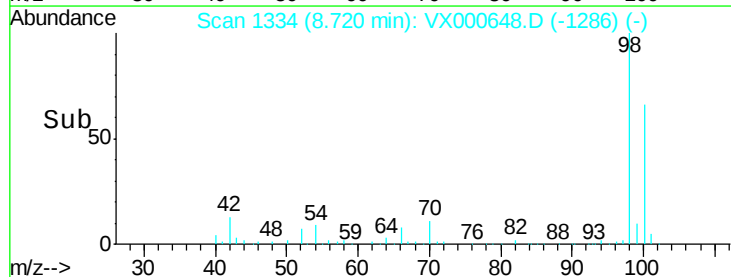
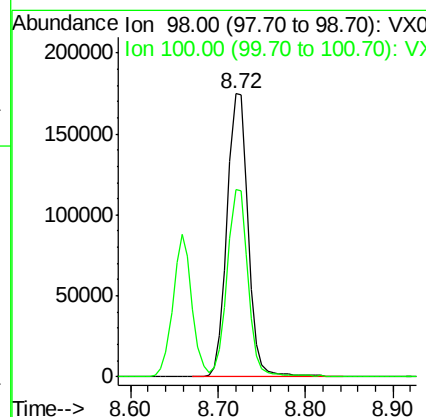
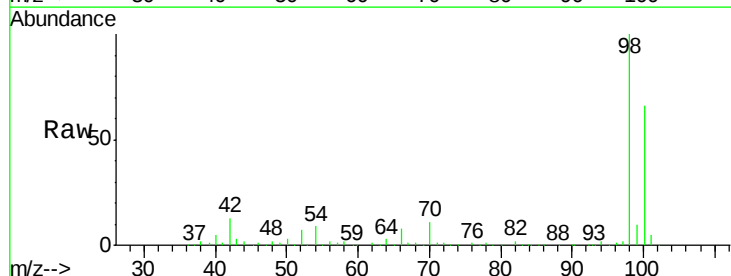
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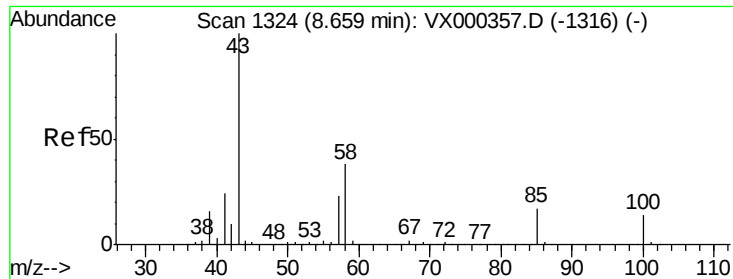
sam
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#50
 Toluene-d8
 Concen: 47.827 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 251.137 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 866982

Ion Ratio Lower Upper

43 100

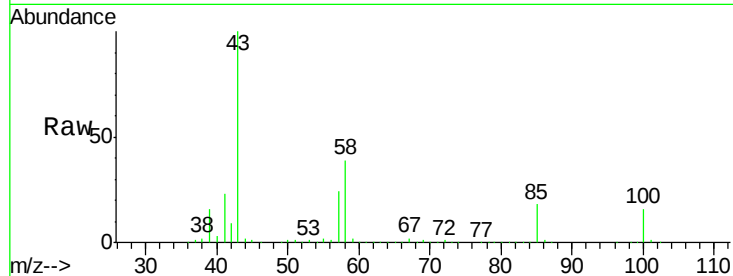
58 38.0 30.3 45.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

0

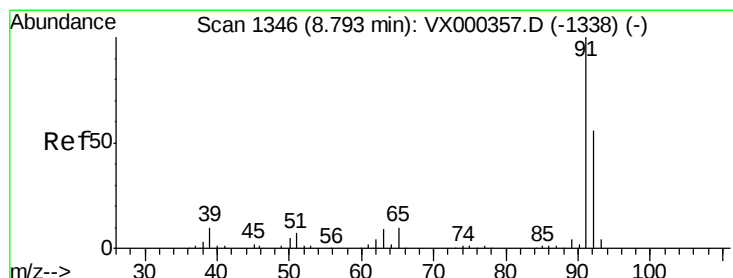
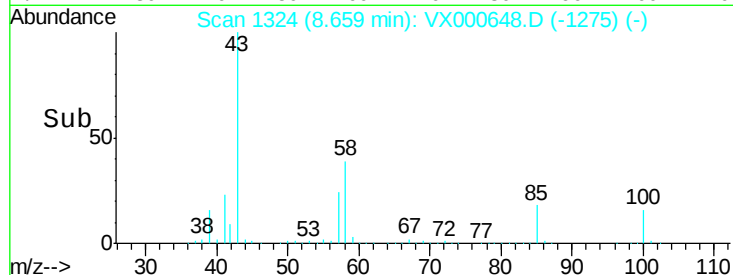
8.66

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 50.684 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000648.D

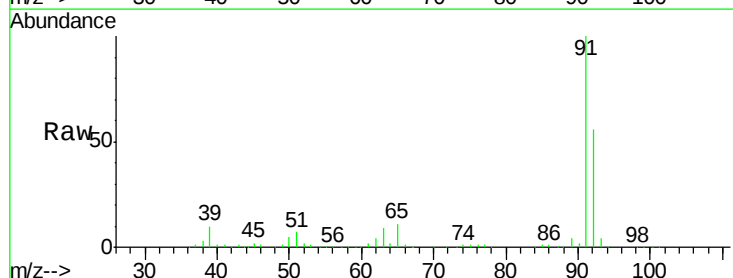
Acq: 03 Apr 2018 12:14

Tgt Ion: 92 Resp: 225704

Ion Ratio Lower Upper

92 100

91 175.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

0

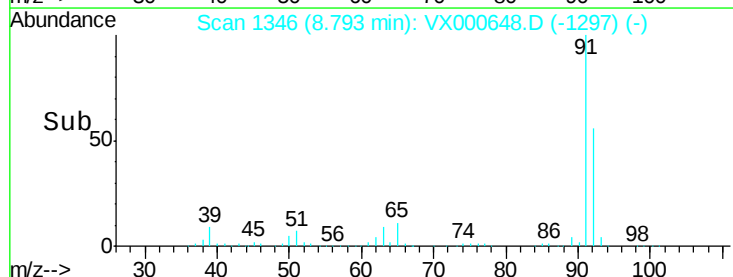
8.79

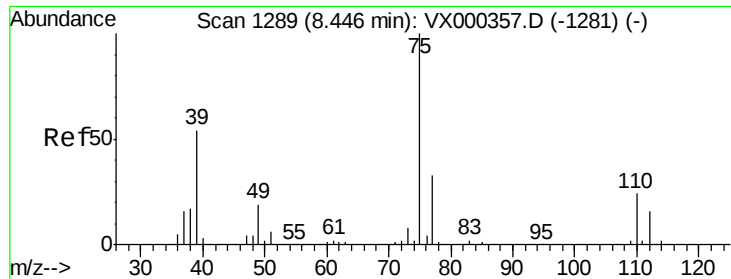
8.70

8.80

8.90

Time-->





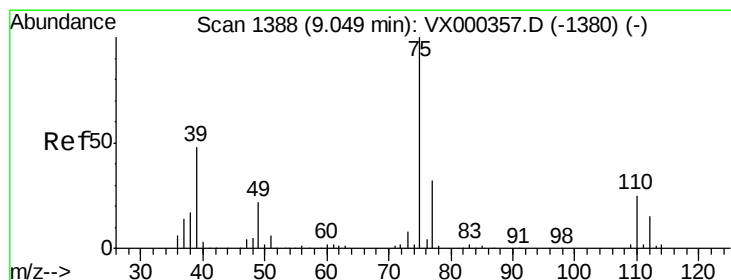
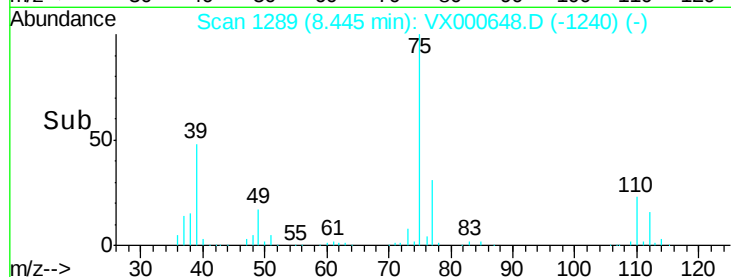
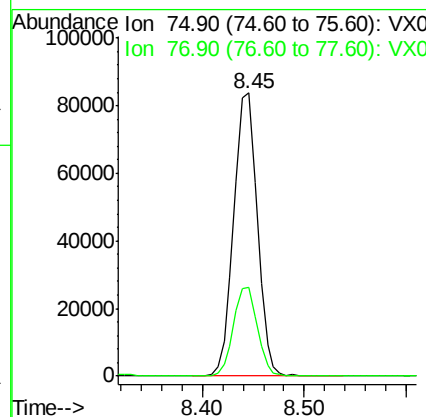
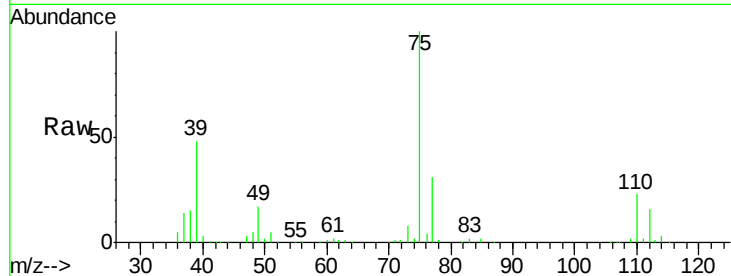
#53
t-1,3-Dichloropropene
Concen: 51.337 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 133952
Ion Ratio Lower Upper
75 100
77 31.3 24.0 36.0

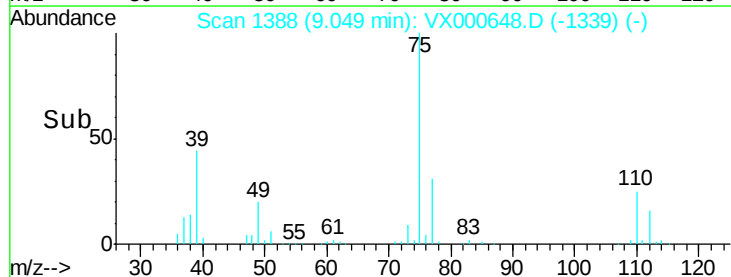
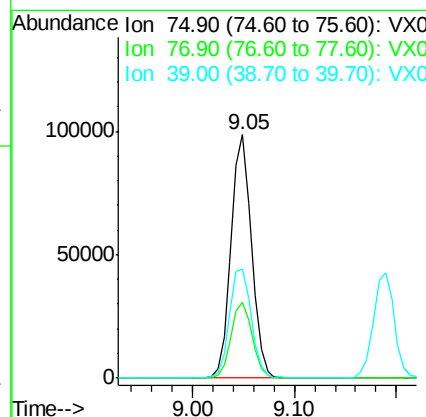
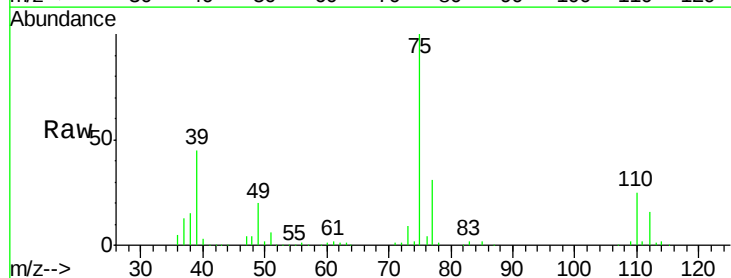
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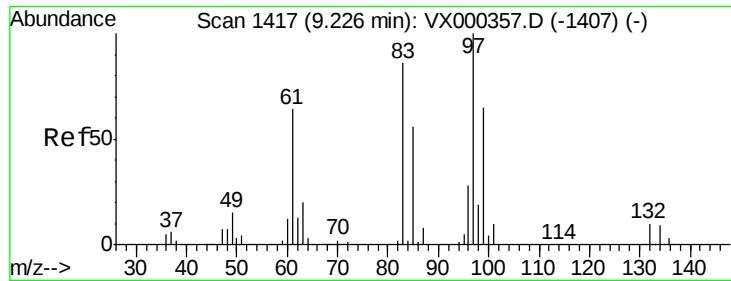
sam
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#54
cis-1,3-Dichloropropene
Concen: 54.064 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion: 75 Resp: 136837
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 44.7 39.8 59.6





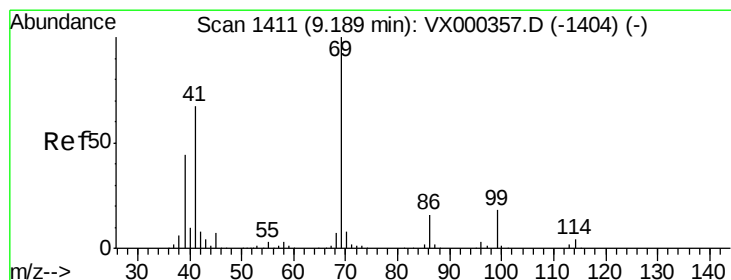
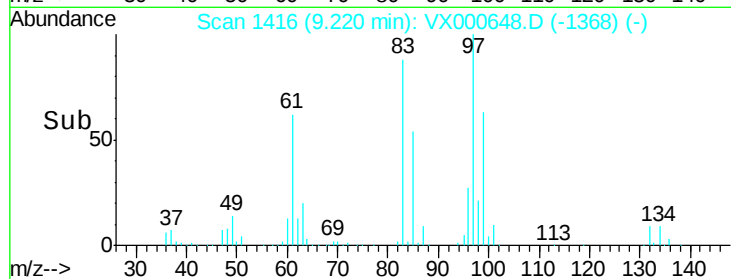
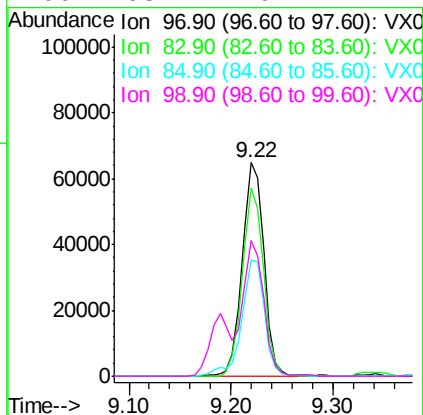
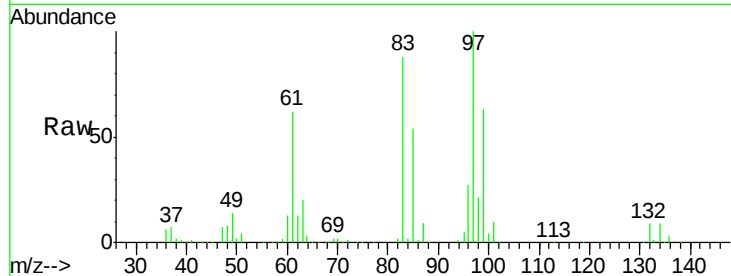
#55
 1,1,2-Trichloroethane
 Concen: 52.194 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	95582		
83	88.4	67.9	101.9	
85	54.4	42.8	64.2	
99	63.4	49.4	74.2	

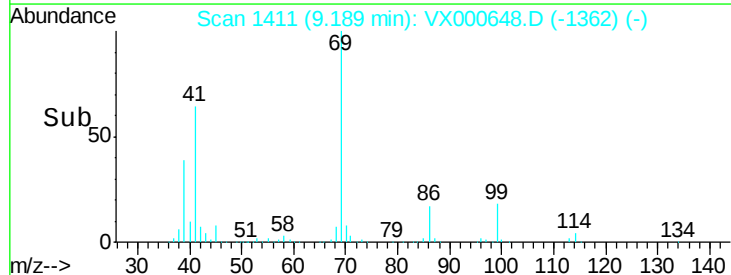
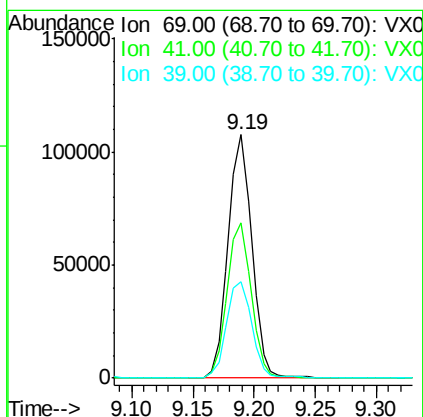
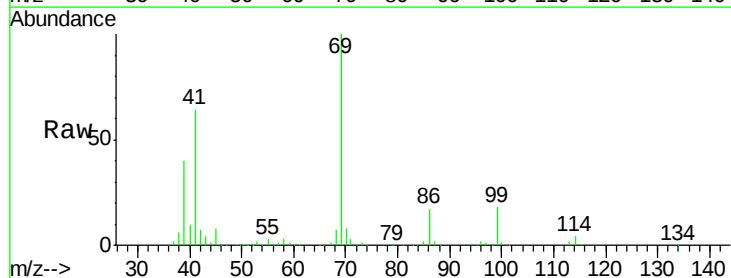
Manual Integrations
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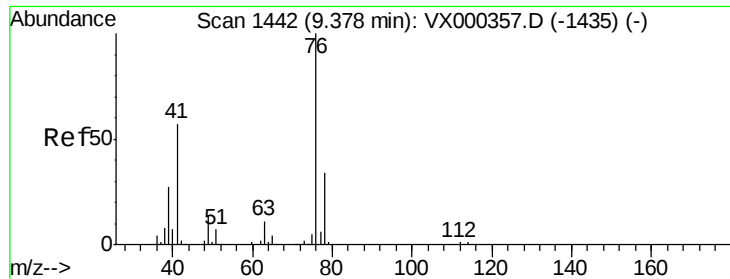
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#56
 Ethyl methacrylate
 Concen: 52.373 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	145335		
41	65.3	53.0	79.6	
39	42.1	35.3	52.9	





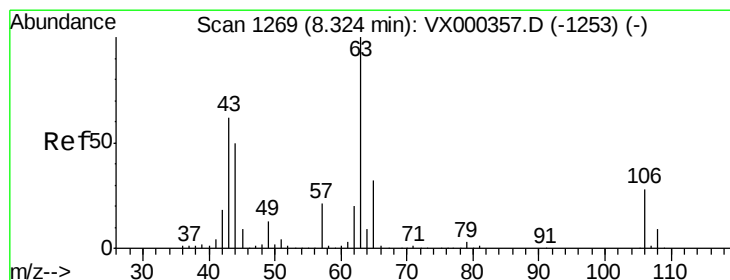
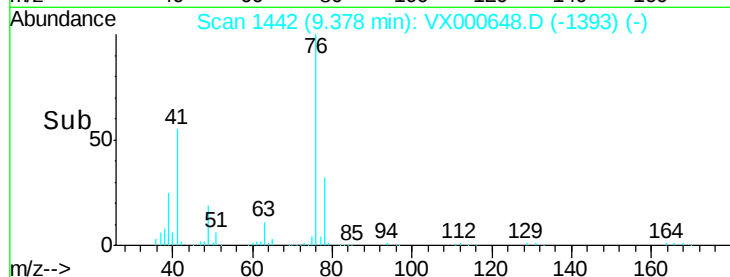
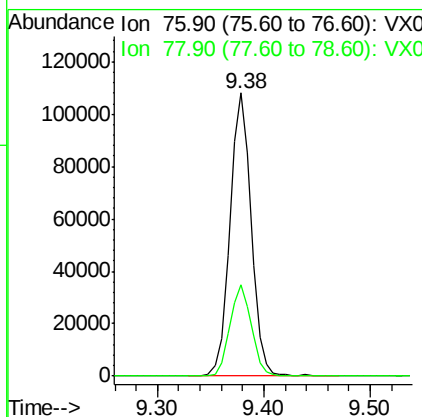
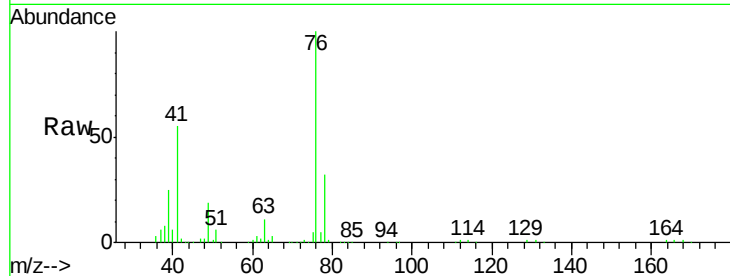
#57
 1,3-Dichloropropane
 Concen: 51.712 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 151467
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6

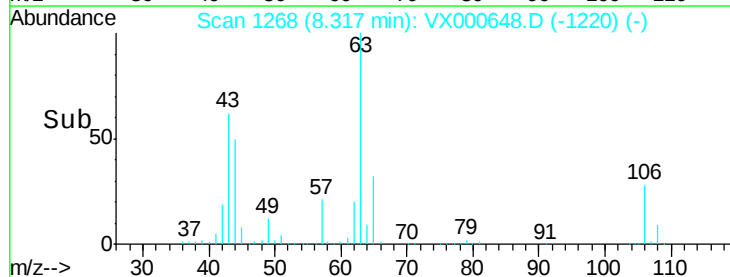
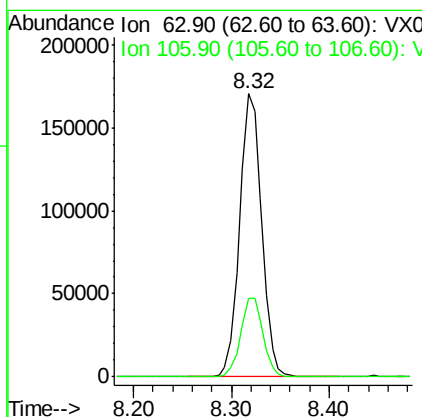
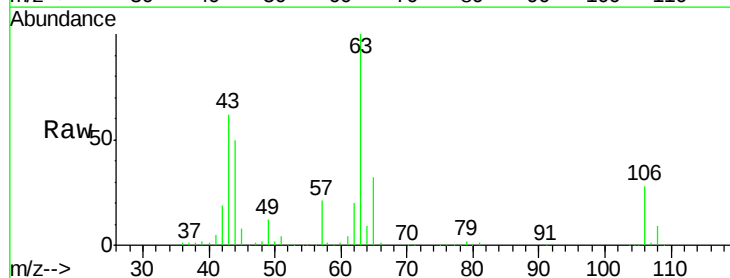
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 199.636 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion: 63 Resp: 265883
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





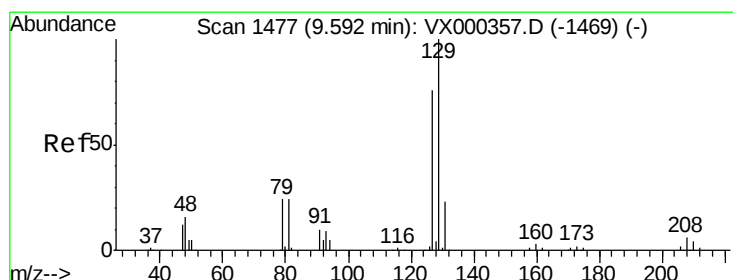
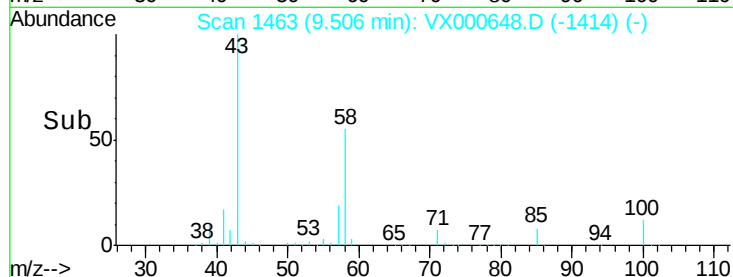
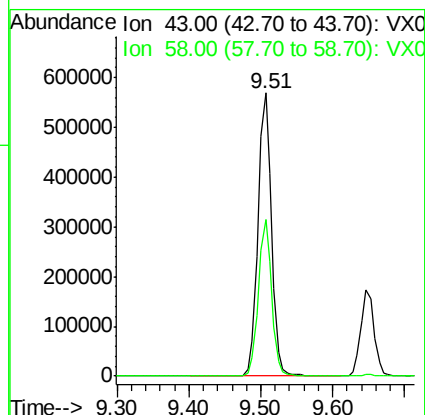
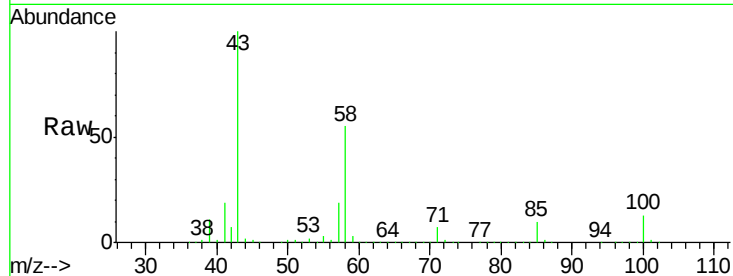
#59
2-Hexanone
Concen: 256.155 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 750877
Ion Ratio Lower Upper
43 100
58 54.4 26.6 79.7

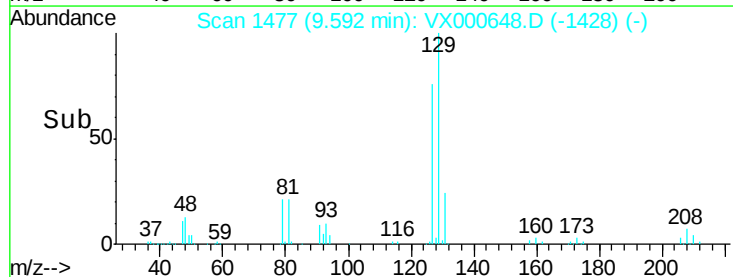
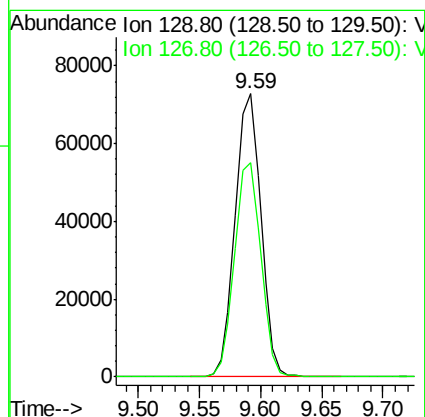
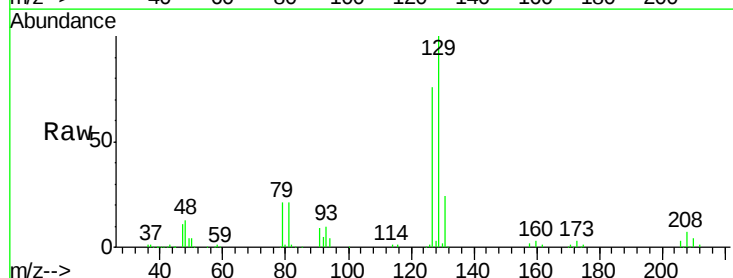
Manual Integrations
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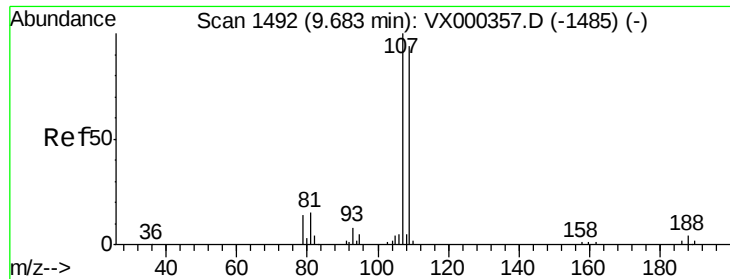
sam
4/4/2018 5:42:45 PM



#60
Dibromochloromethane
Concen: 49.204 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion: 129 Resp: 106479
Ion Ratio Lower Upper
129 100
127 77.0 37.9 113.6





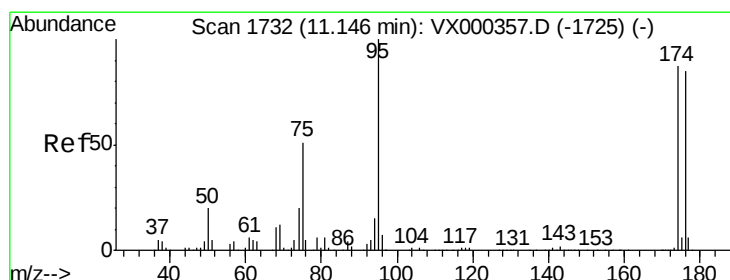
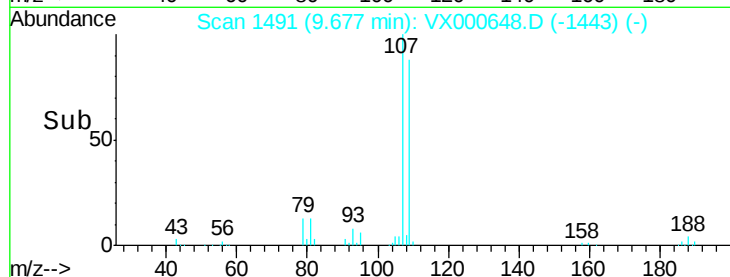
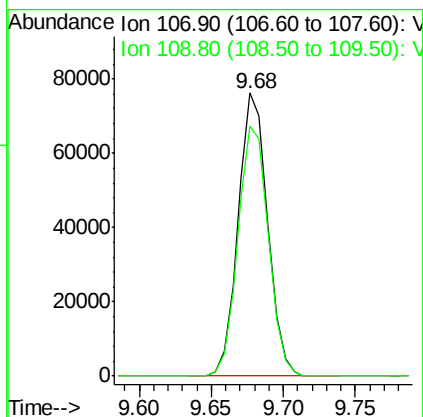
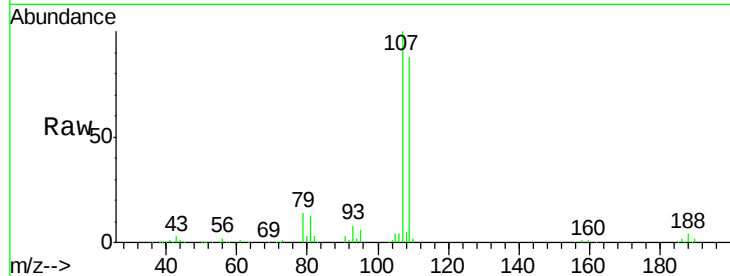
#61
 1,2-Dibromoethane
 Concen: 54.950 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 107912
 Ion Ratio Lower Upper
 107 100
 109 91.5 76.1 114.1

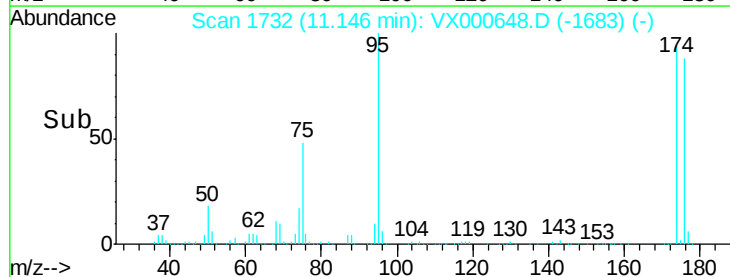
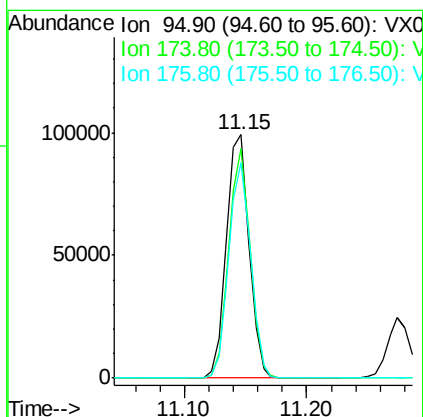
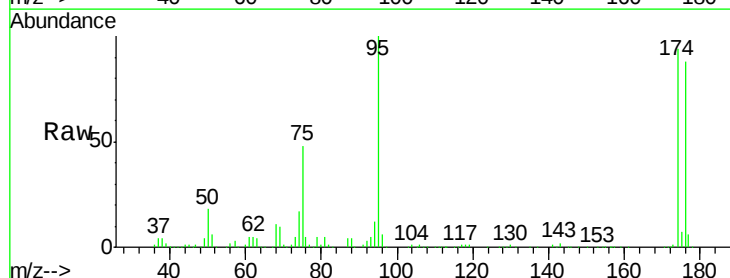
Manual Integrations
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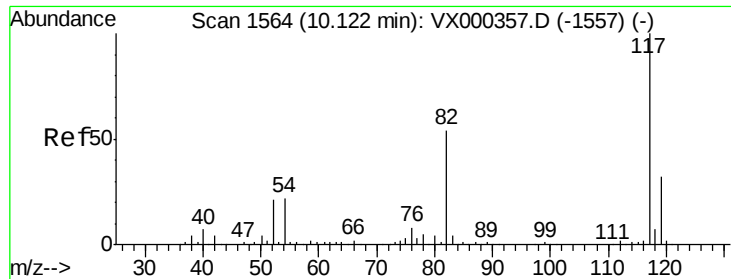
sam
 4/4/2018 5:42:45 PM



#62
 4-Bromofluorobenzene
 Concen: 49.249 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion: 95 Resp: 126917
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 173.6
 176 85.5 0.0 164.6





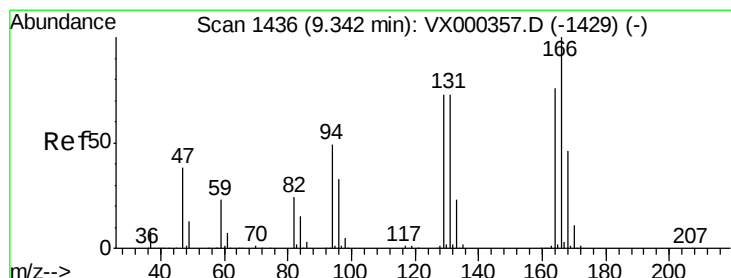
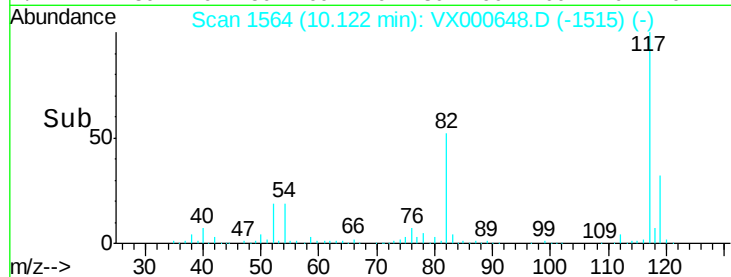
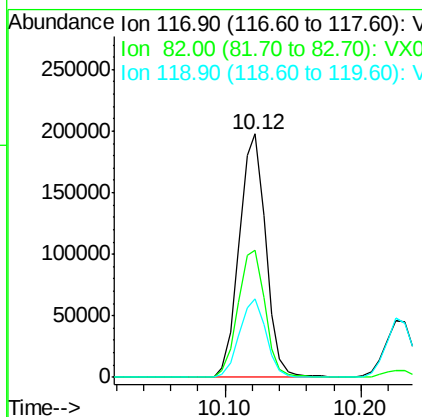
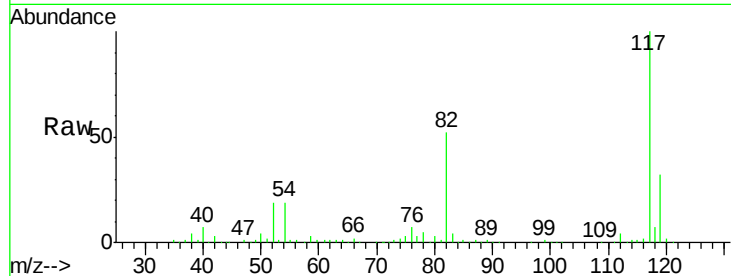
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	269461		
82	52.3	43.8	65.8	
119	32.3	24.9	37.3	

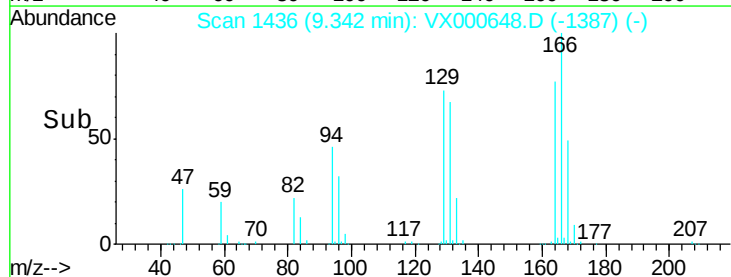
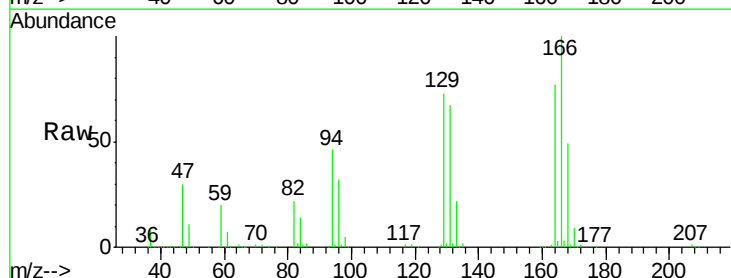
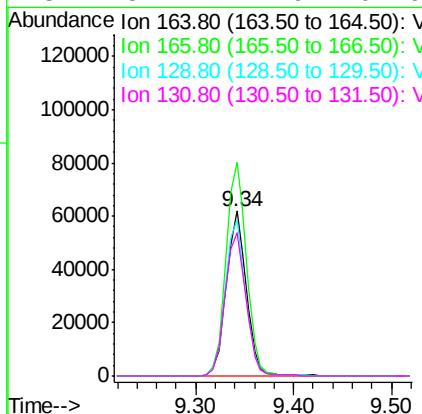
Manual Integrations
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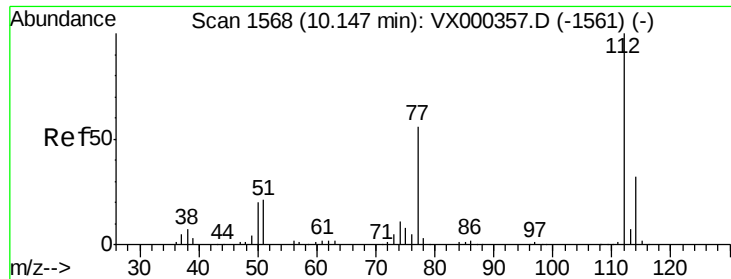
sam
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#64
Tetrachloroethene
Concen: 42.256 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88359		
166	129.4	101.0	151.6	
129	94.7	79.0	118.4	
131	87.2	71.9	107.9	





#65

Chlorobenzene

Concen: 47.082 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 282337

Ion Ratio Lower Upper

112 100

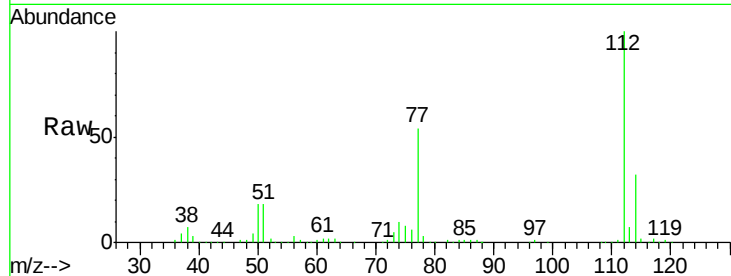
114 31.9 25.7 38.5

Manual Integrations

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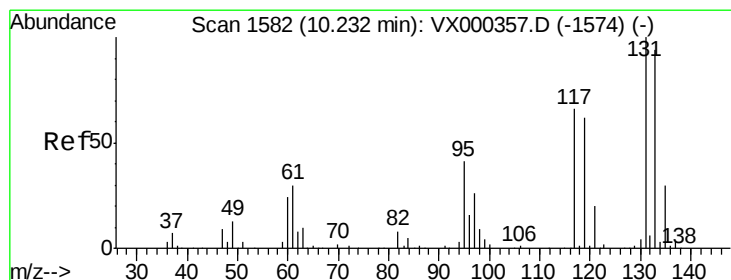
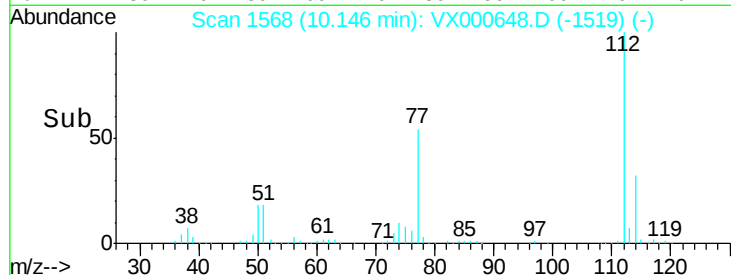
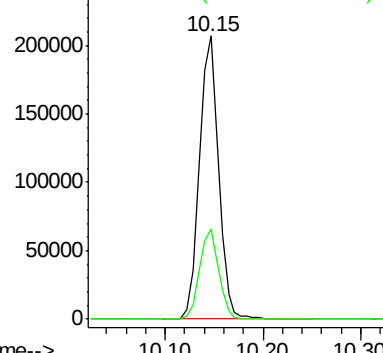
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.987 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

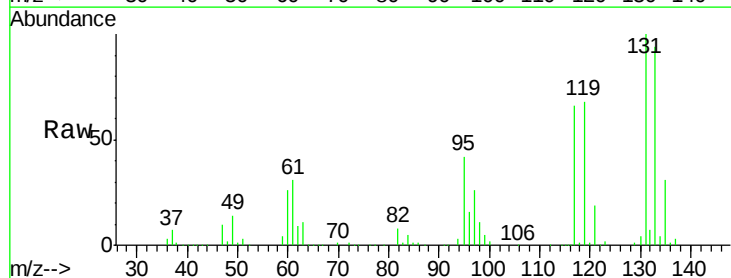
Tgt Ion:131 Resp: 99768

Ion Ratio Lower Upper

131 100

133 94.7 47.1 141.3

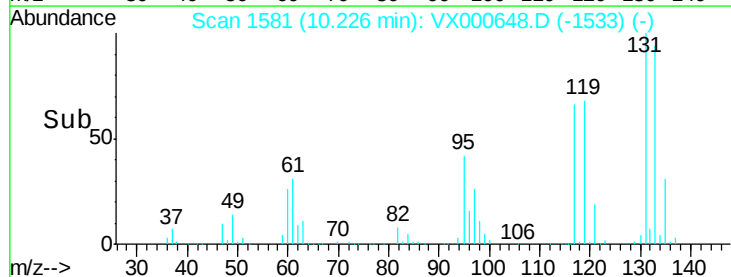
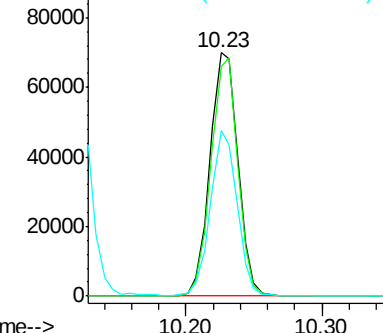
119 65.5 33.1 99.2

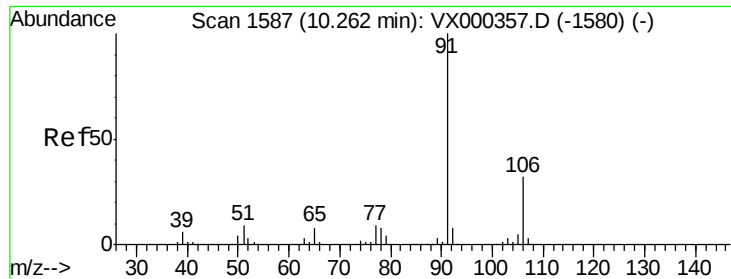


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





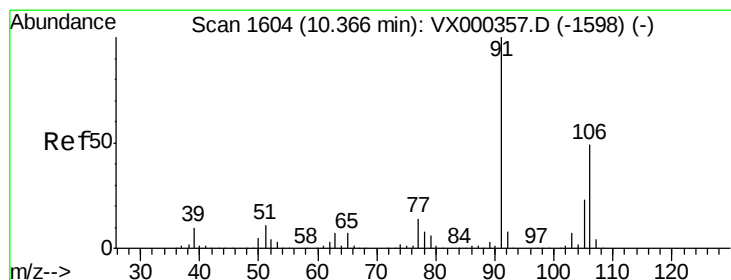
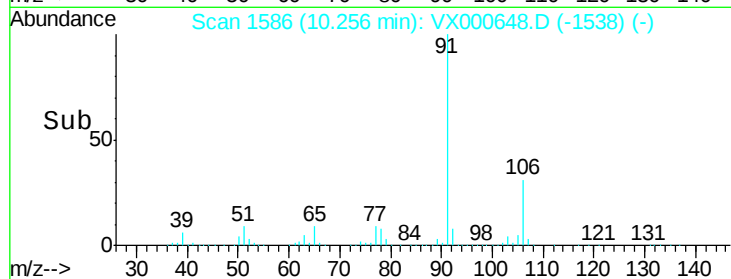
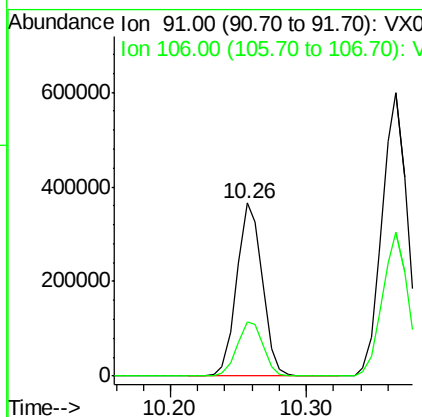
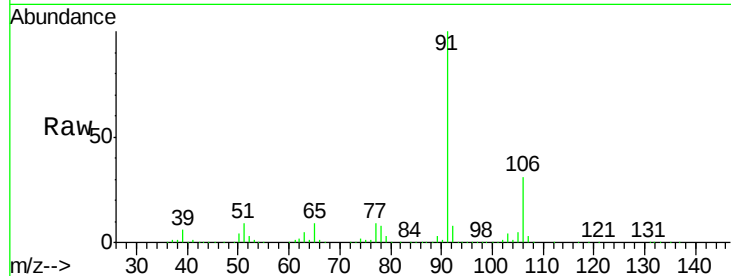
#67
Ethyl Benzene
Concen: 47.228 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 480094
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

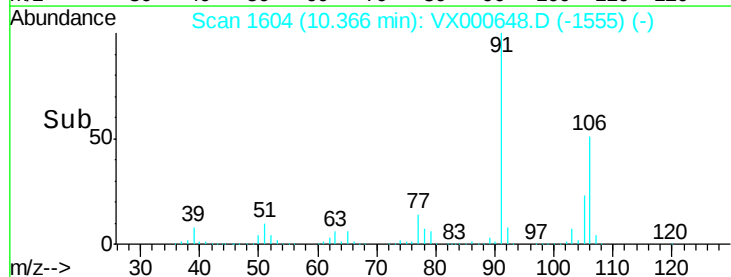
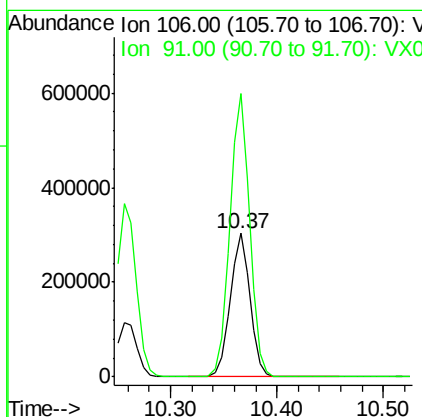
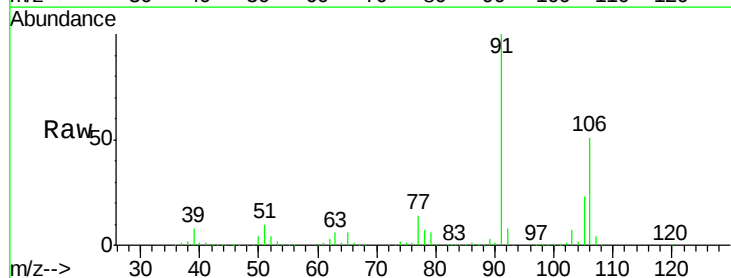
Manual Integrations
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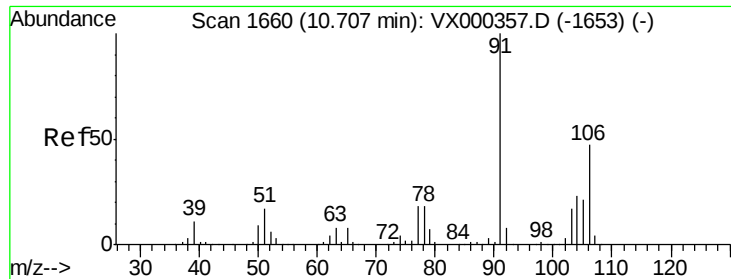
sam
4/4/2018 5:42:45 PM



#68
m/p-Xylenes
Concen: 98.735 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion: 106 Resp: 394952
Ion Ratio Lower Upper
106 100
91 197.4 163.4 245.2





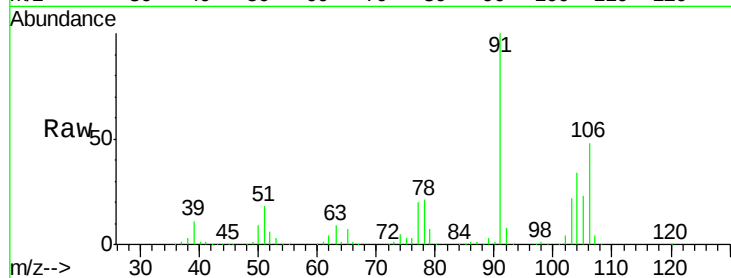
#69
o-Xylene
Concen: 48.161 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

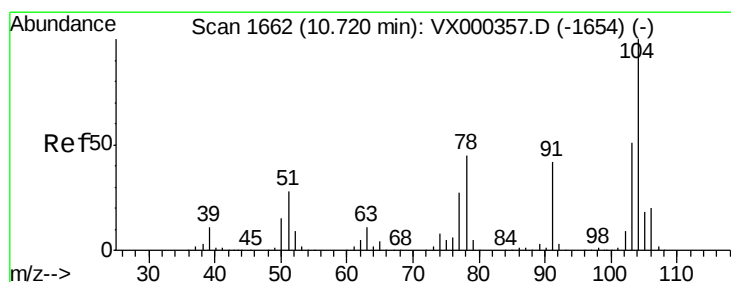
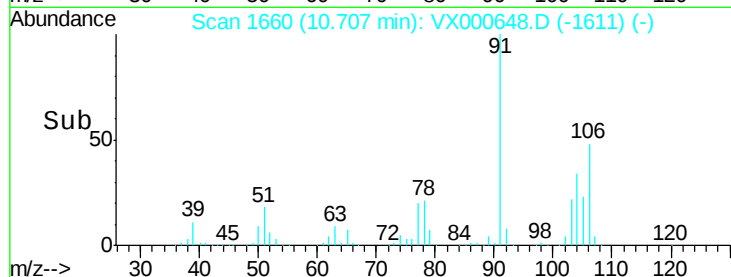
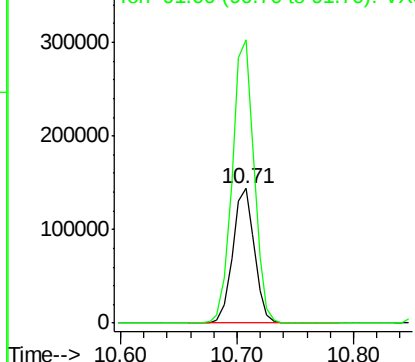
Tgt Ion:106 Resp: 186531
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.6

Manual Integrations
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sam
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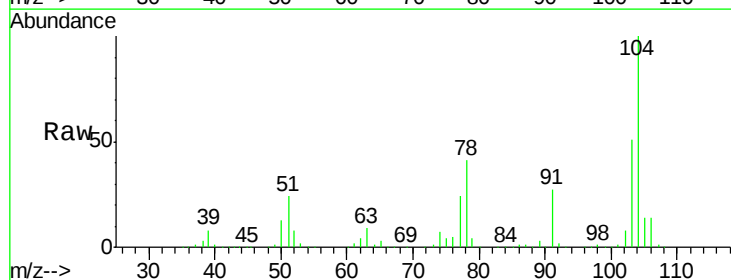


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

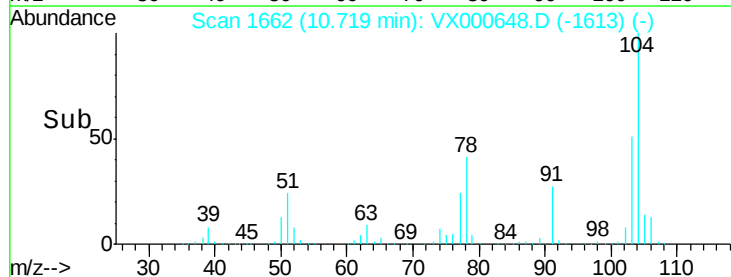
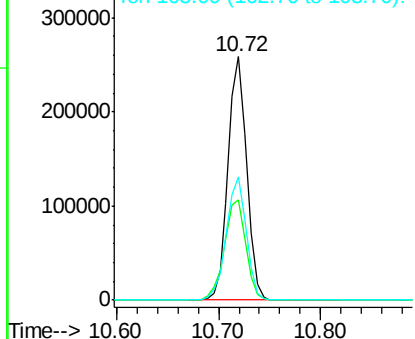


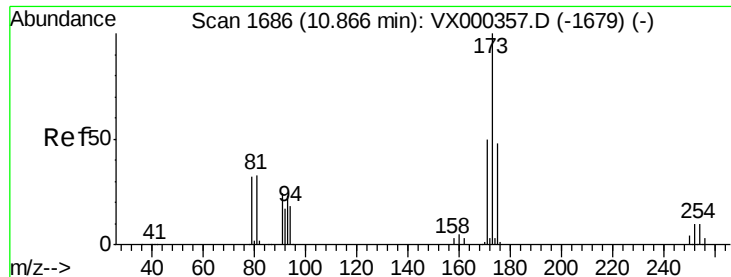
#70
Styrene
Concen: 50.896 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion:104 Resp: 326168
Ion Ratio Lower Upper
104 100
78 47.4 40.5 60.7
103 54.6 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 43.277 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 90337

Ion Ratio Lower Upper

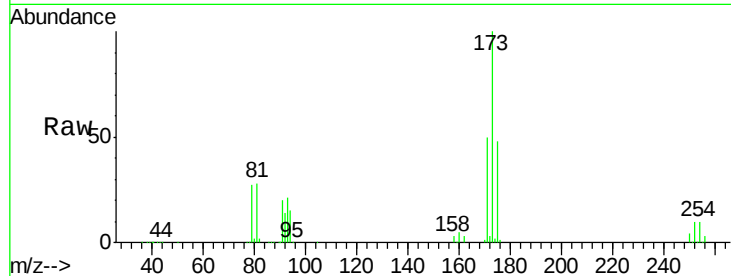
173 100

175 49.6 25.4 76.4

254 0.1 0.0 0.0#

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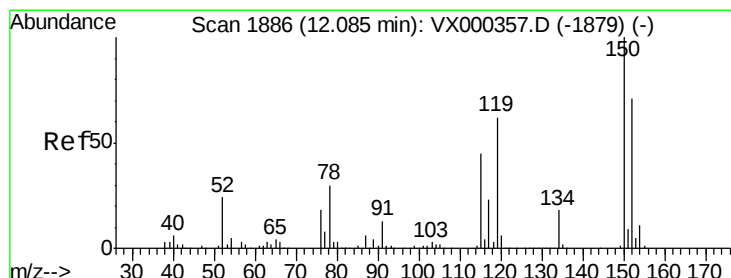
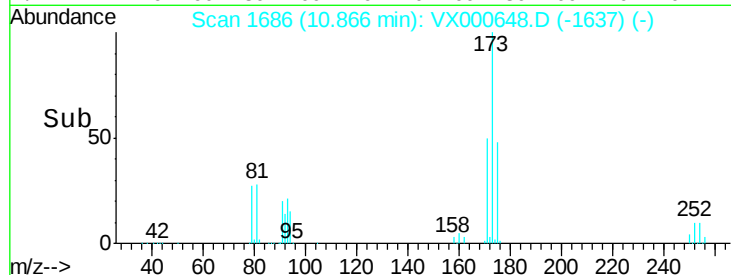
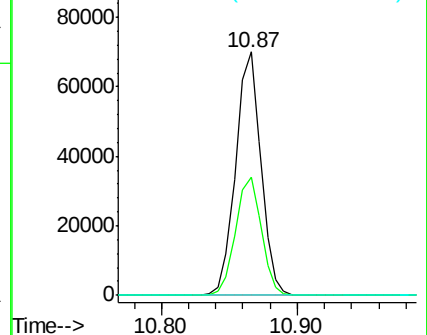
sam
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

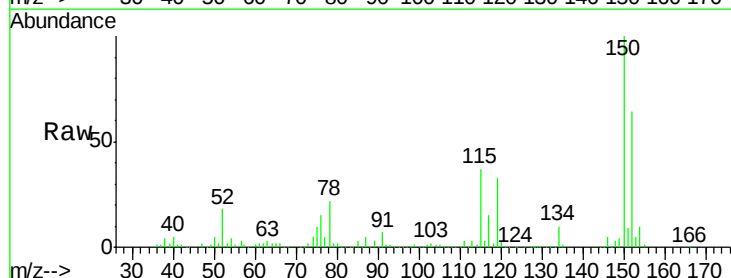
Tgt Ion:152 Resp: 178973

Ion Ratio Lower Upper

152 100

115 78.5 39.8 119.3

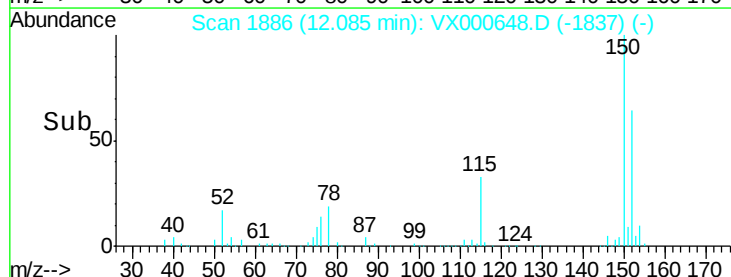
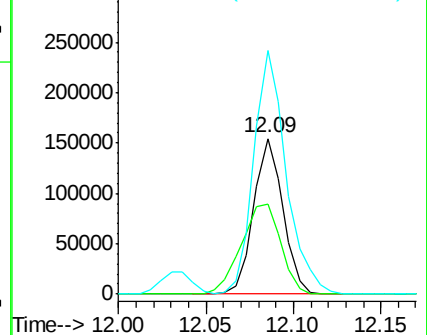
150 174.5 0.0 344.4

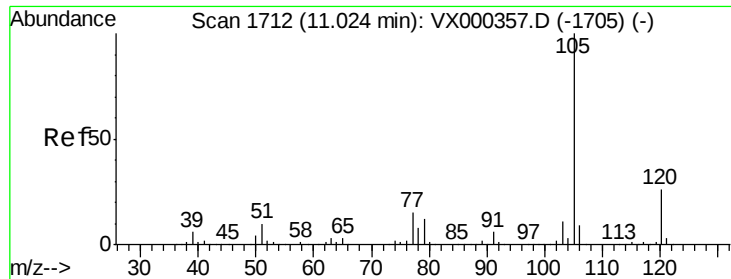


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.621 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 529116

Ion Ratio Lower Upper

105 100

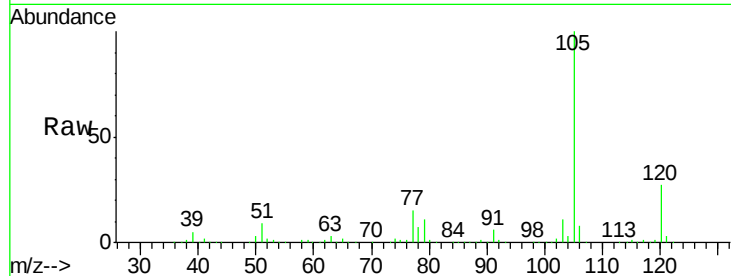
120 27.0 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

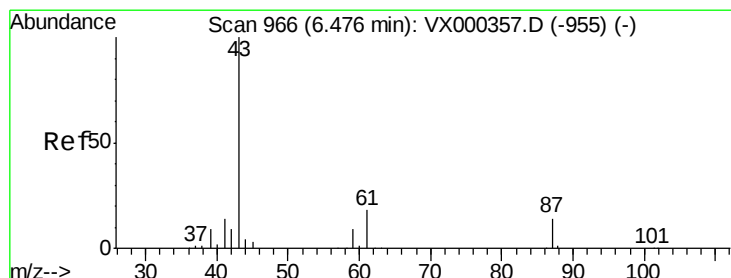
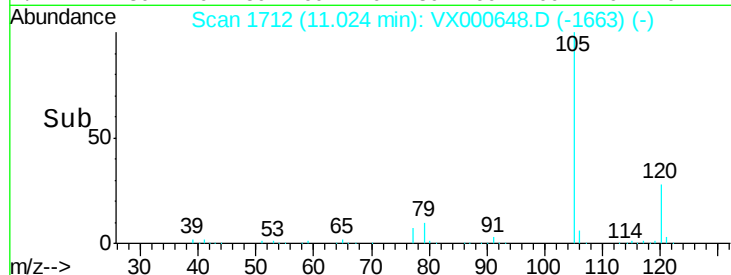
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 40.233 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Tgt Ion: 43 Resp: 211278

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.9 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

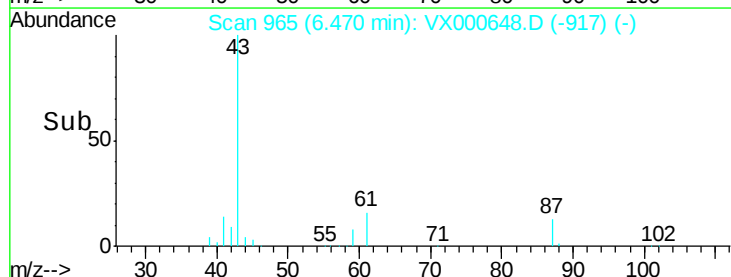
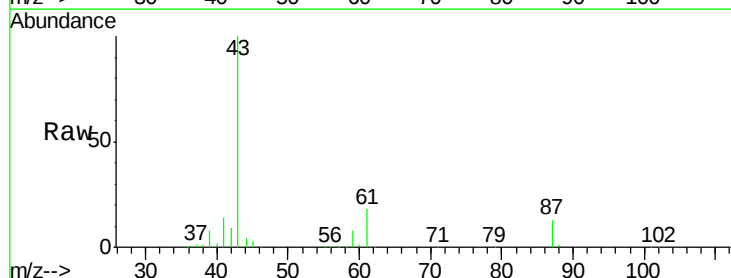
Ion 61.00 (60.70 to 61.70): VX0

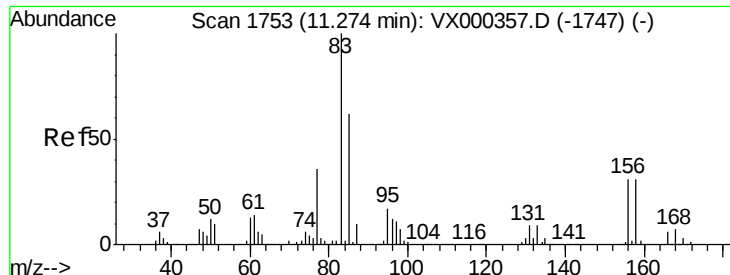
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.494 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

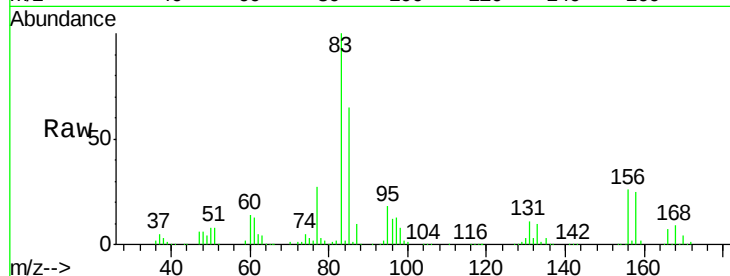
ClientSampled :

VSTDCCC050

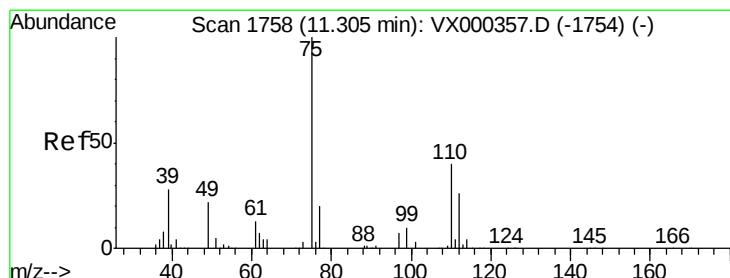
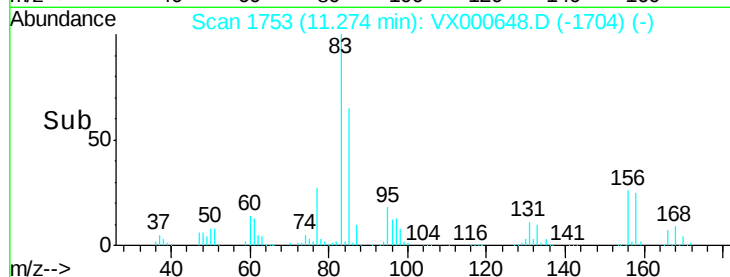
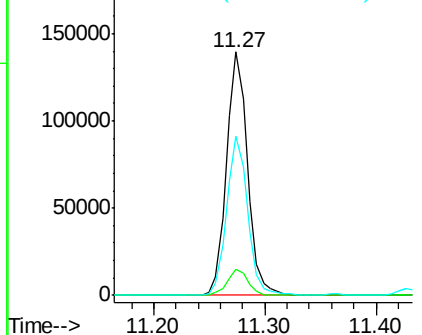
Tgt Ion:	83	Resp:	182425
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	14.9
85	65.2	32.5	97.5

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



#76

1,2,3-Trichloropropane

Concen: 49.268 ug/l m

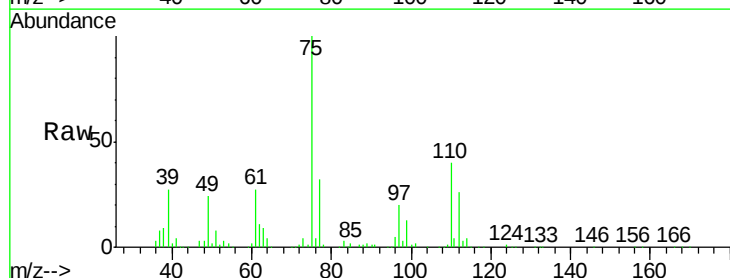
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

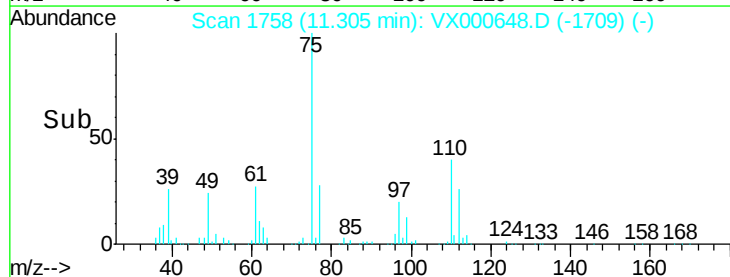
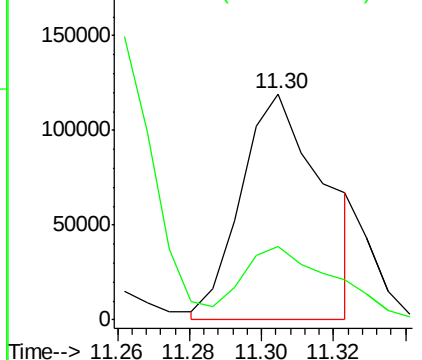
Lab File: VX000648.D

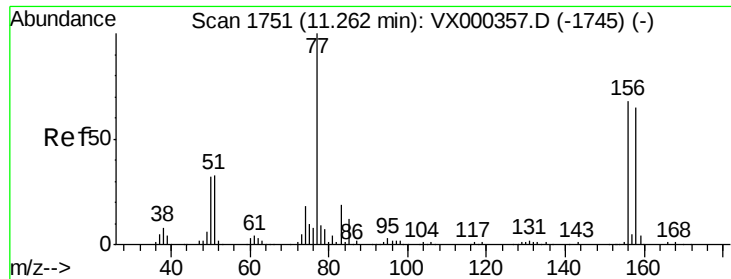
Acq: 03 Apr 2018 12:14

Tgt Ion:	75	Resp:	189502
Ion Ratio	Lower	Upper	
75	100		
77	35.6	21.4	64.2



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





#77

Bromobenzene

Concen: 43.178 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

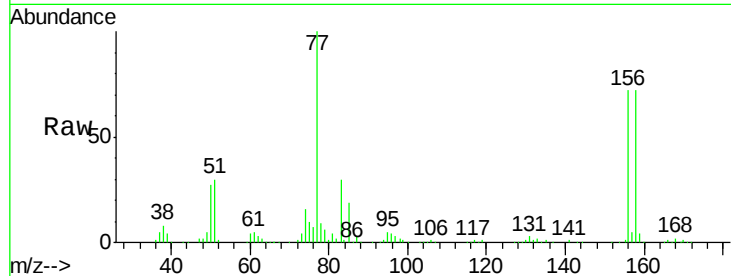
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	136399		
77	141.5	73.4	220.2	
158	97.8	48.5	145.6	

Manual Integrations
APPROVED

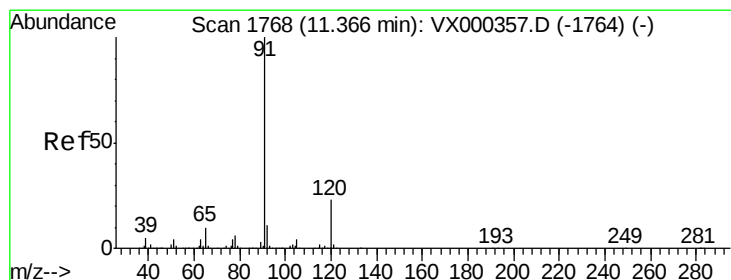
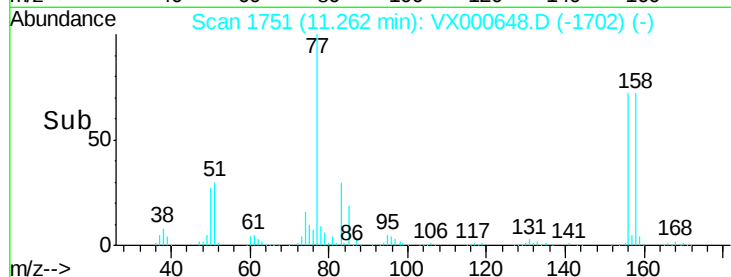
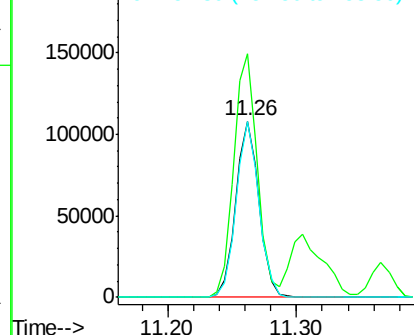
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.435 ug/l

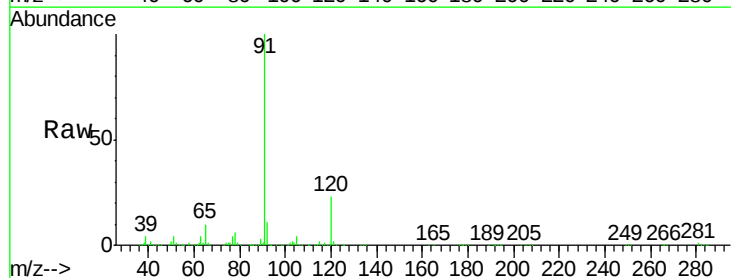
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000648.D

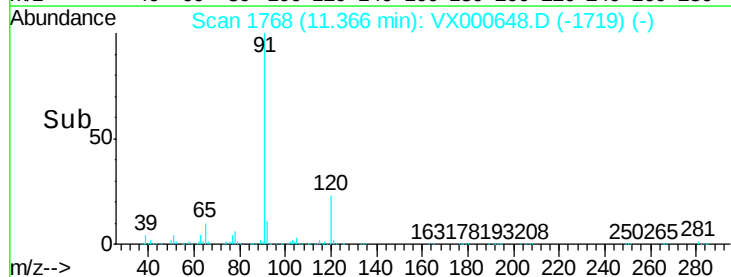
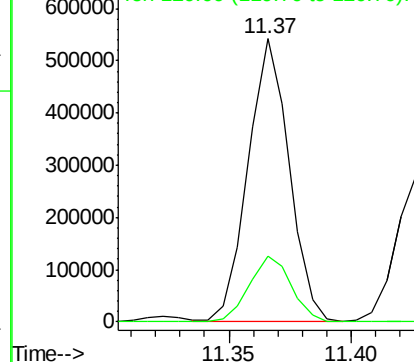
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	628280		
120	23.9	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: 42.462 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 346846

Ion Ratio Lower Upper

91 100

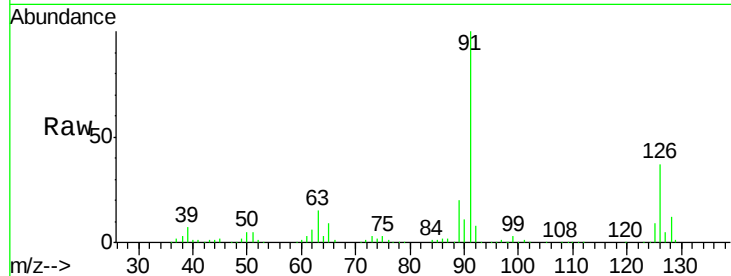
126 37.0 17.7 53.1

Manual Integrations

APPROVED

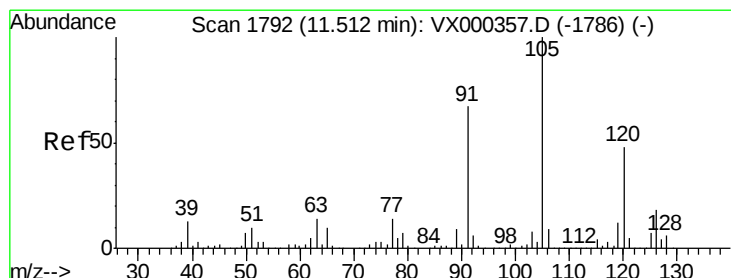
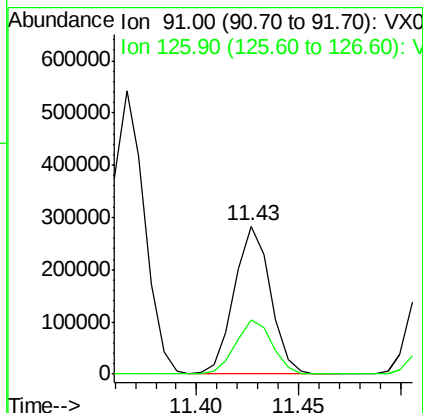
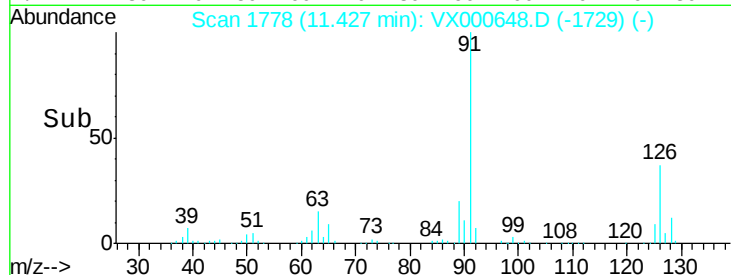
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.923 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000648.D

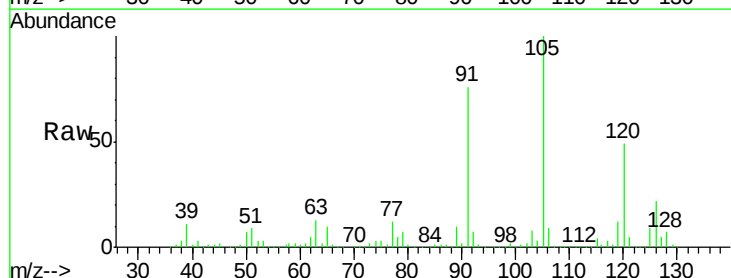
Acq: 03 Apr 2018 12:14

Tgt Ion: 105 Resp: 457882

Ion Ratio Lower Upper

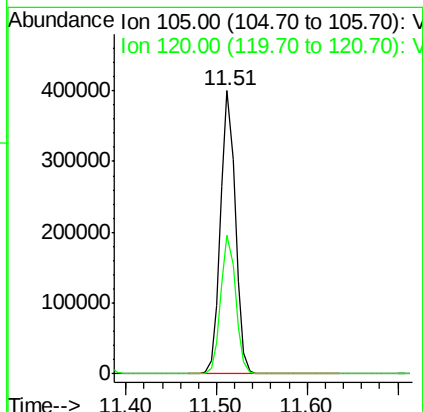
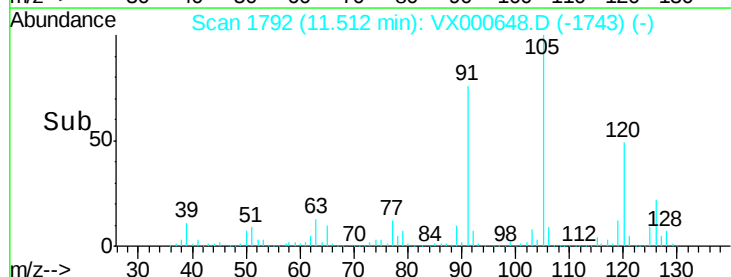
105 100

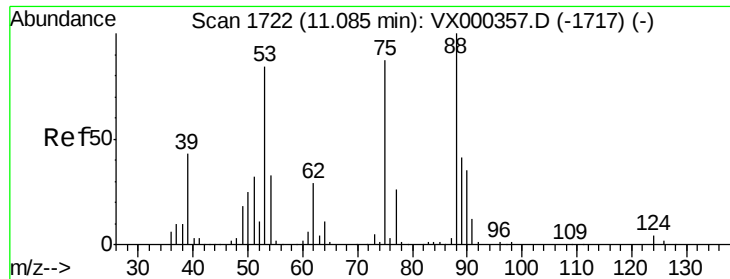
120 49.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)





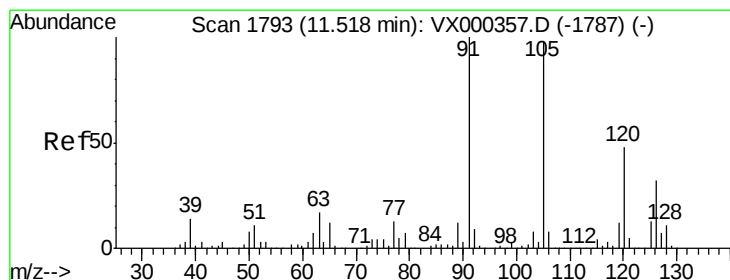
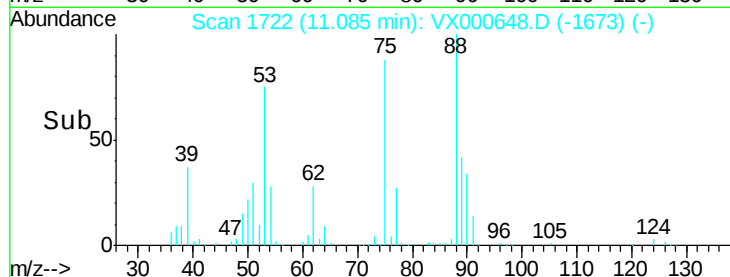
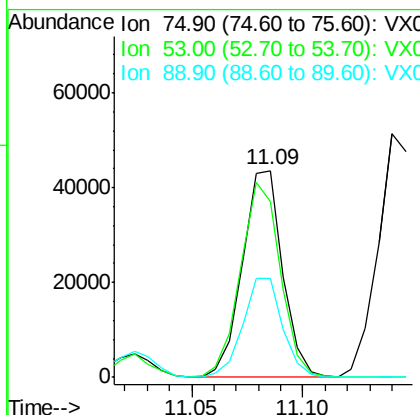
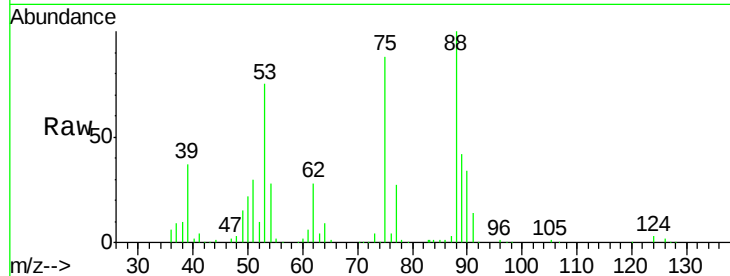
#81
trans-1,4-Dichloro-2-butene
Concen: 46.329 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.9	80.7	121.1
89	47.4	39.4	59.0

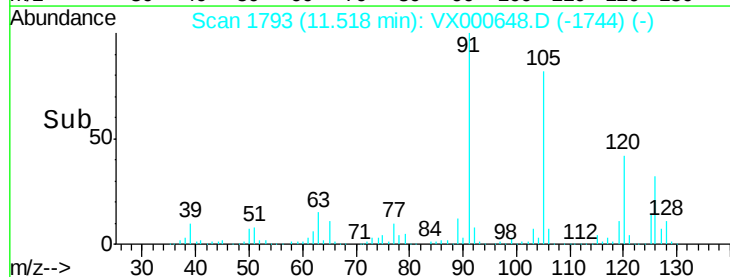
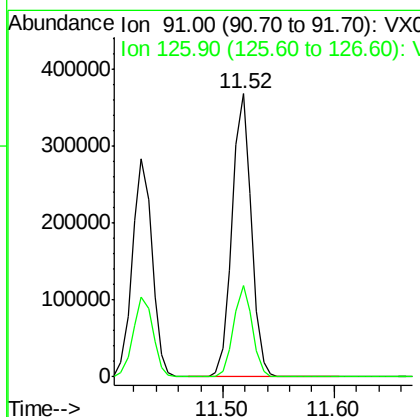
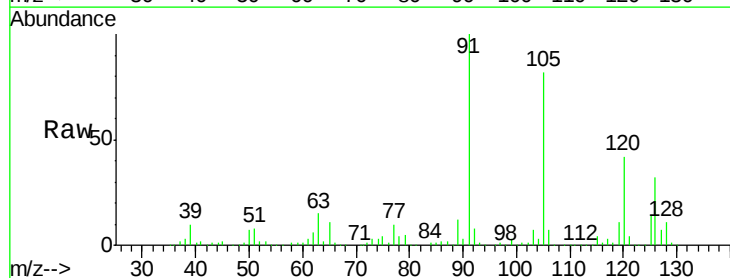
Manual Integrations
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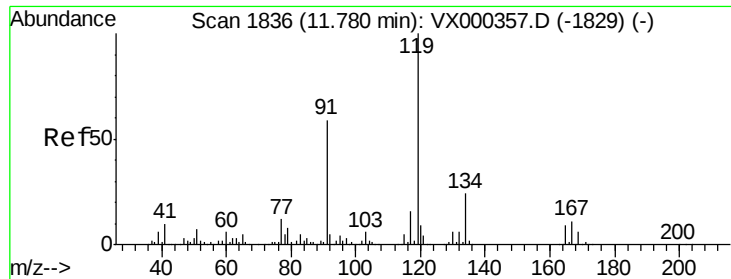
sam
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#82
4-Chlorotoluene
Concen: 45.169 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.1





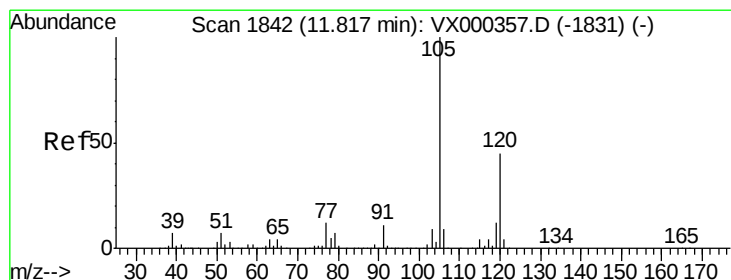
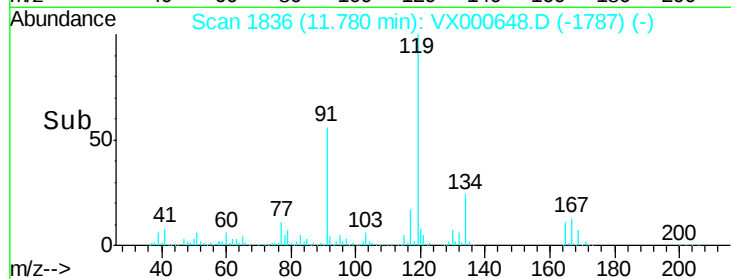
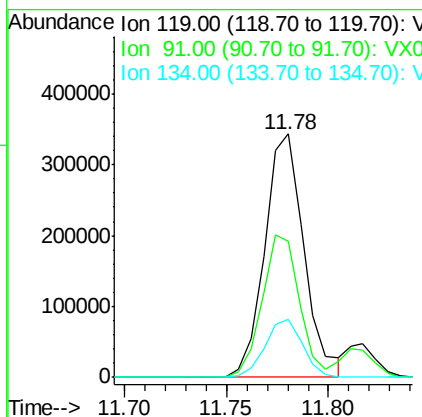
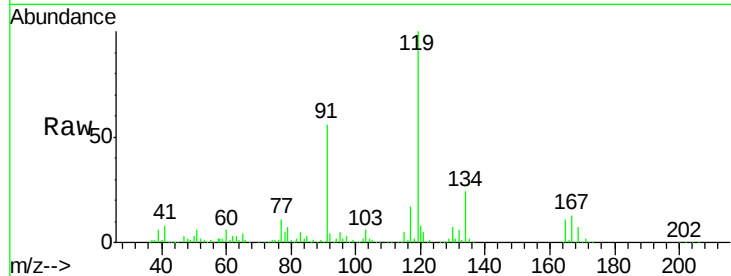
#83
 tert-Butylbenzene
 Concen: 45.943 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.5	28.8	86.4
134	23.0	11.4	34.1

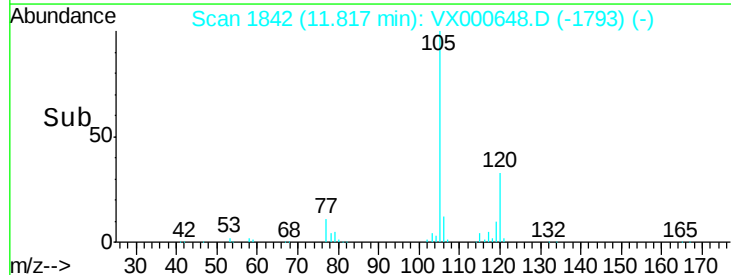
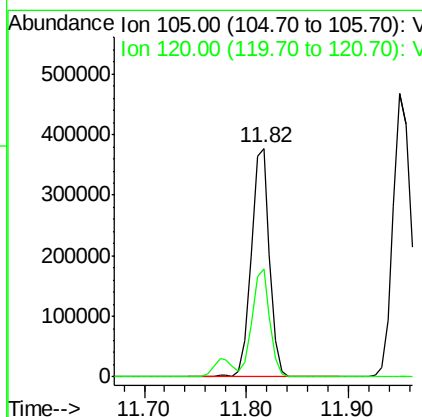
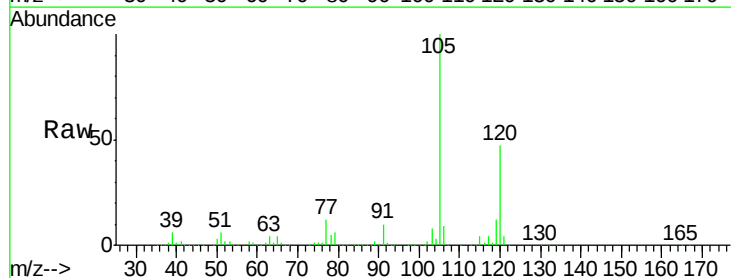
Manual Integrations
 APPROVED

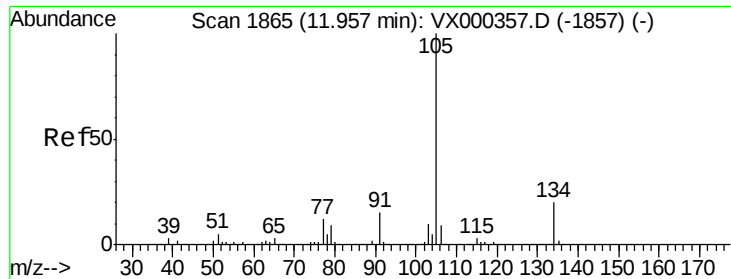
sam
 4/4/2018 5:42:45 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 45.240 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3





#85

sec-Butylbenzene

Concen: 46.079 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion:105 Resp: 573339

Ion Ratio Lower Upper

105 100

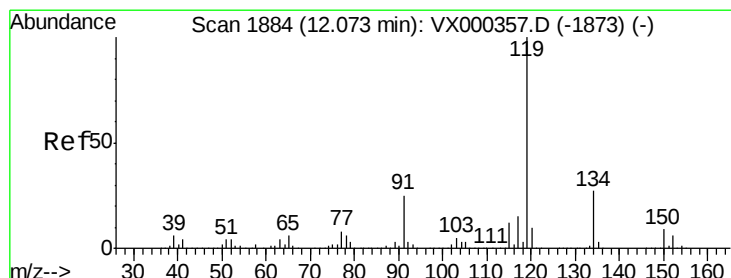
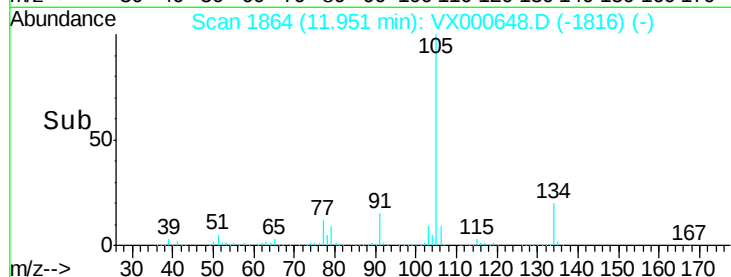
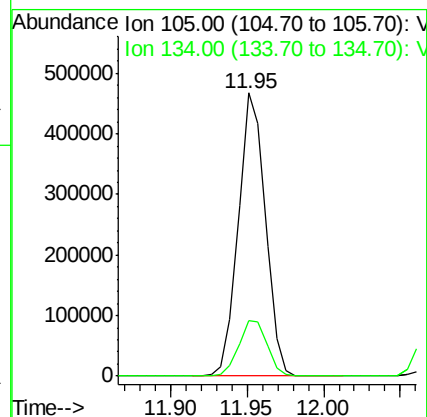
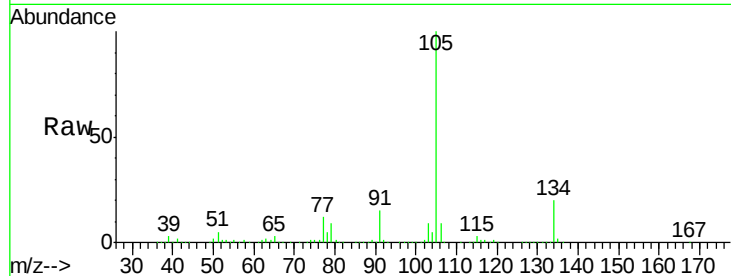
134 20.5 10.3 30.8

Manual Integrations

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sam

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#86

p-Isopropyltoluene

Concen: 47.420 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

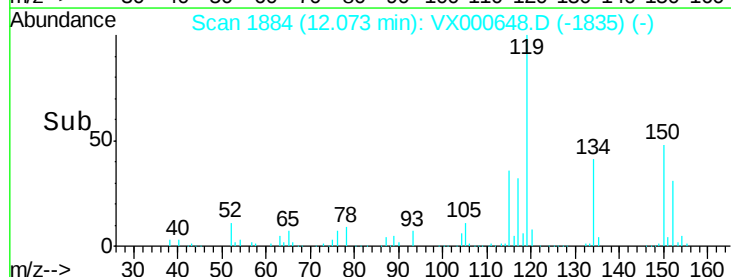
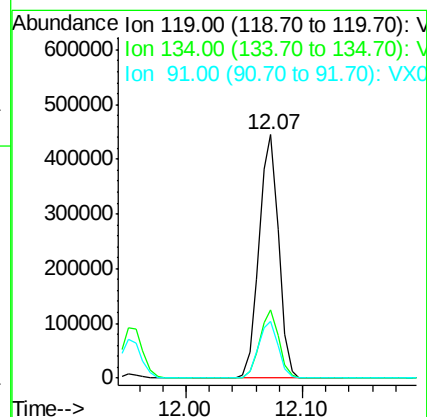
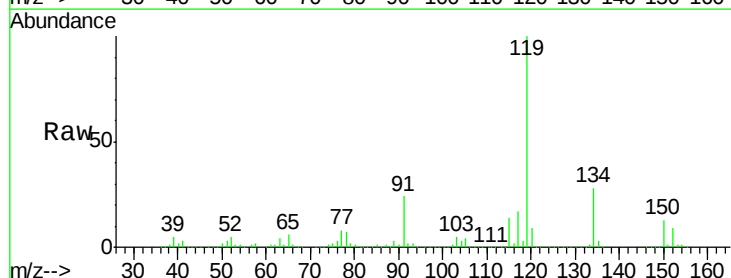
Tgt Ion:119 Resp: 524006

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

91 23.5 12.0 36.1





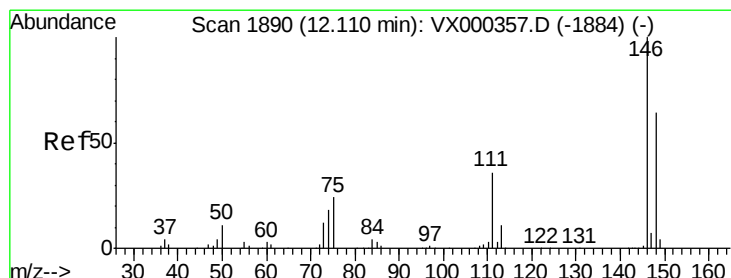
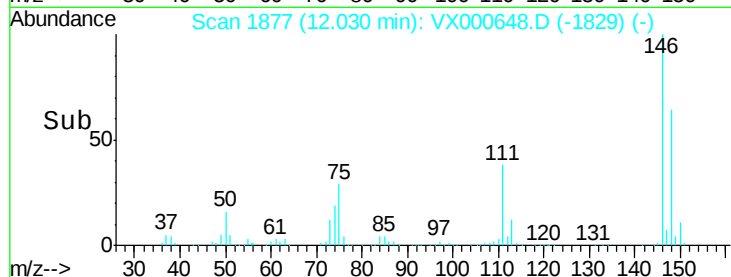
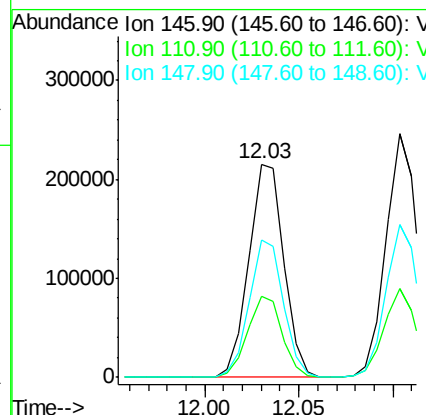
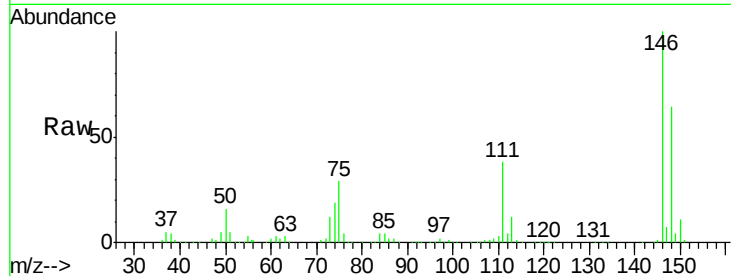
#87
 1,3-Dichlorobenzene
 Concen: 46.550 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	278039		
111	37.5	19.5	58.5	
148	62.9	32.4	97.0	

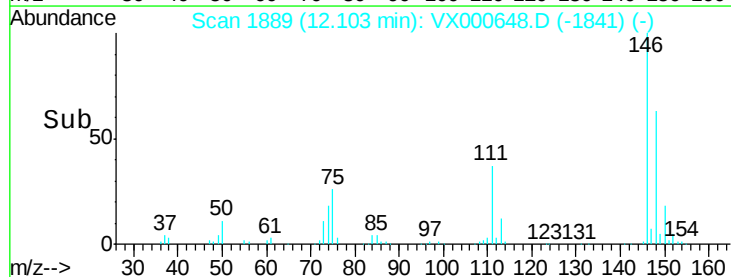
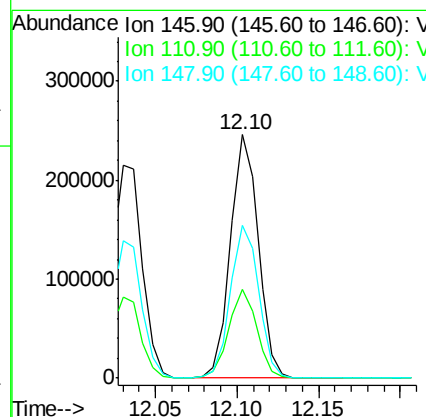
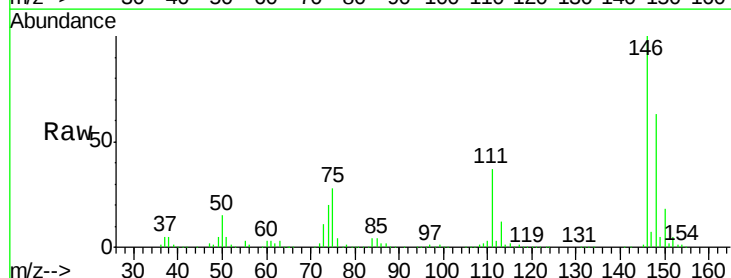
Manual Integrations
 APPROVED

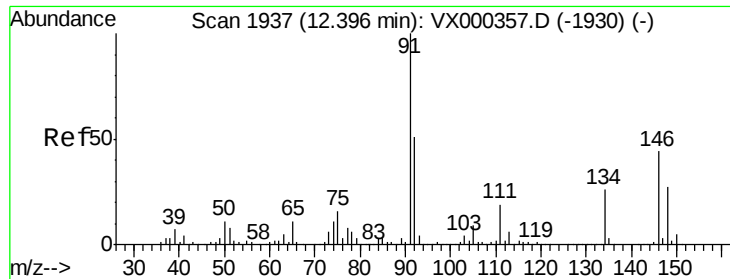
sam
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#88
 1,4-Dichlorobenzene
 Concen: 46.450 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	291282		
111	37.0	18.9	56.9	
148	64.3	31.0	93.0	





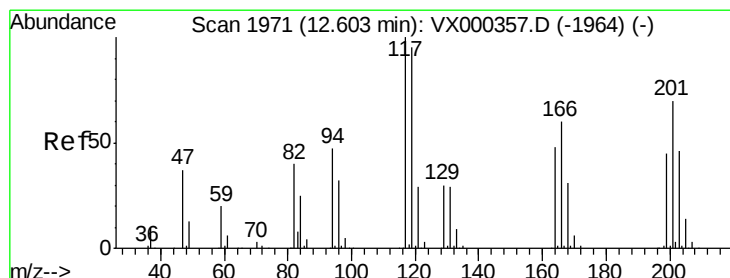
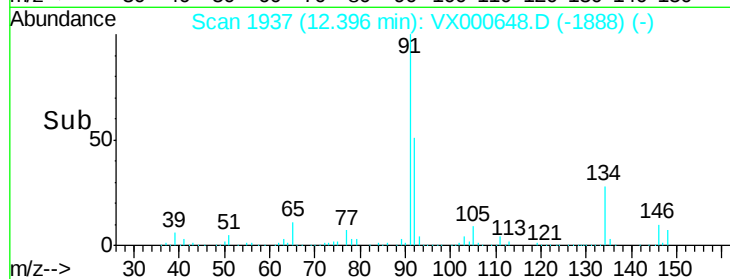
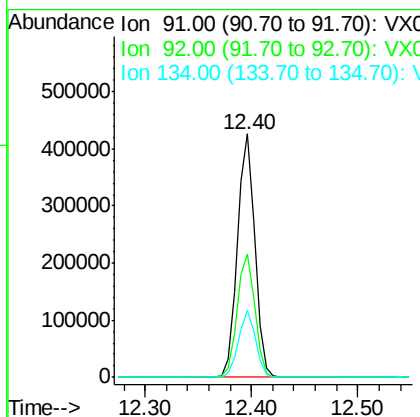
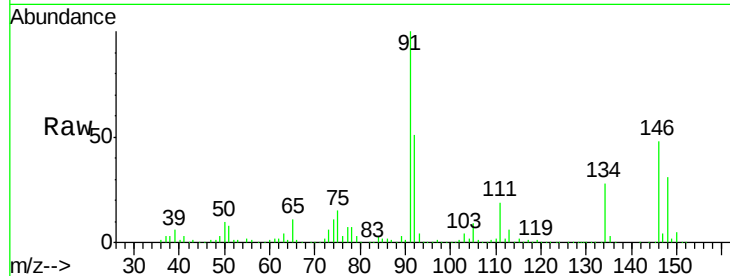
#89
n-Butylbenzene
Concen: 47.649 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.8
134	27.1	13.1	39.3

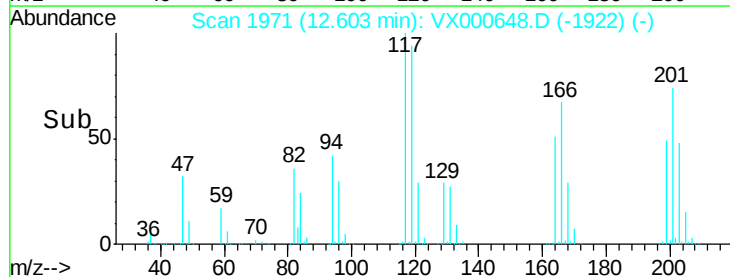
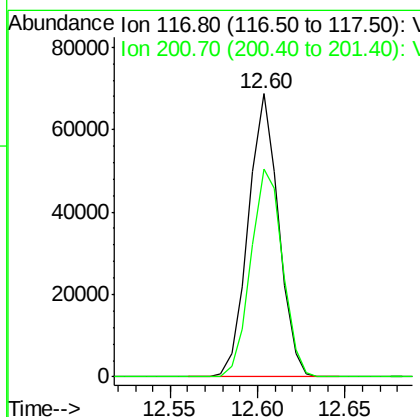
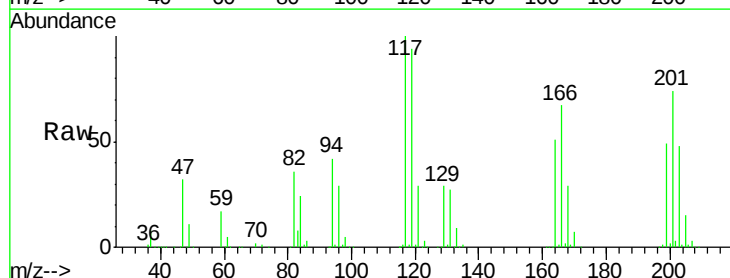
Manual Integrations
APPROVED

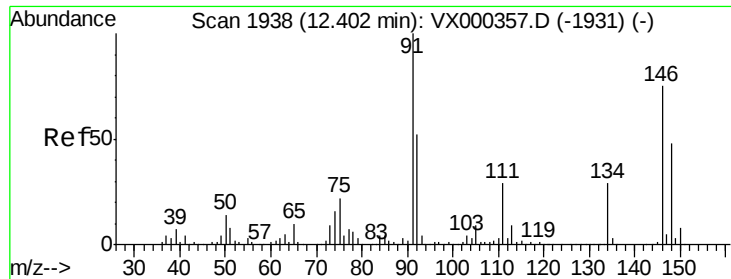
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#90
Hexachloroethane
Concen: 47.508 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000648.D
Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	37.9	113.6





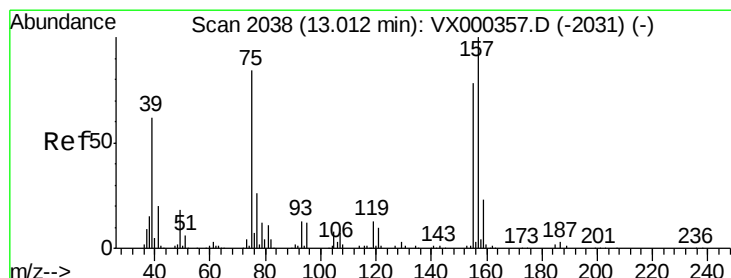
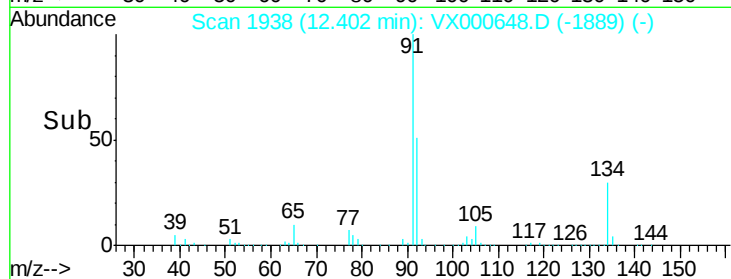
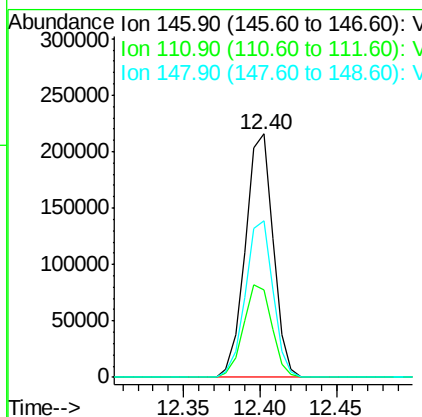
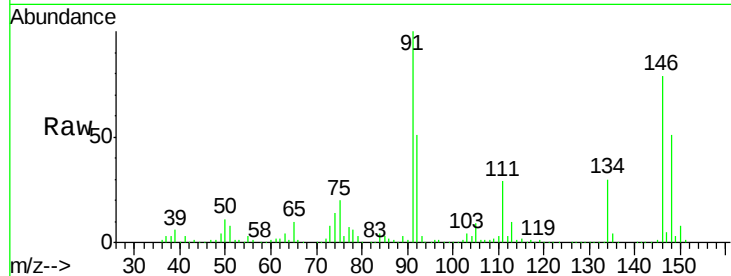
#91
 1,2-Dichlorobenzene
 Concen: 46.542 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	64.0	31.2	93.6

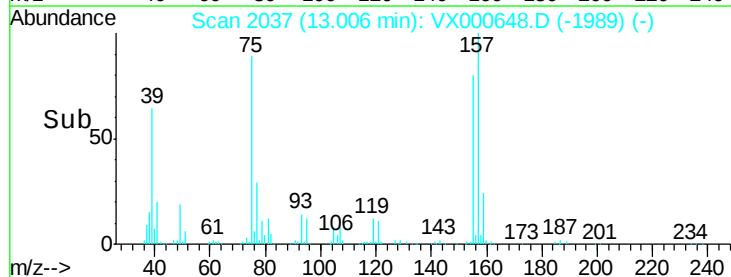
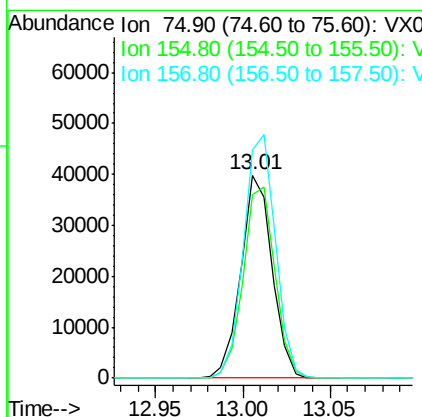
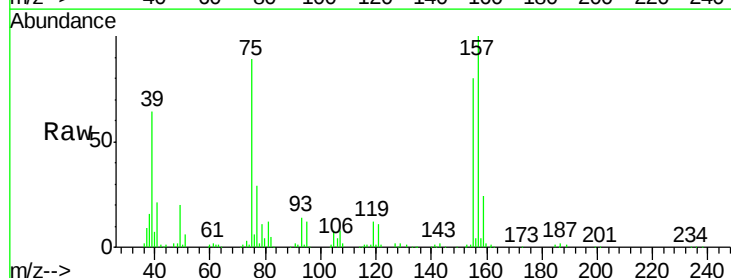
Manual Integrations
 APPROVED

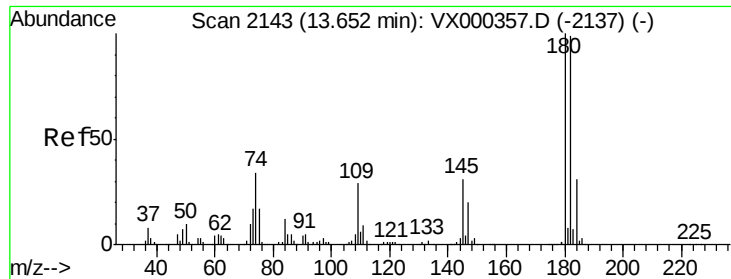
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.370 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	45.0	134.8
157	121.9	58.1	174.2





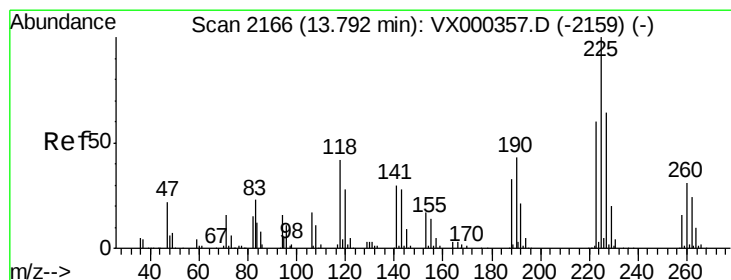
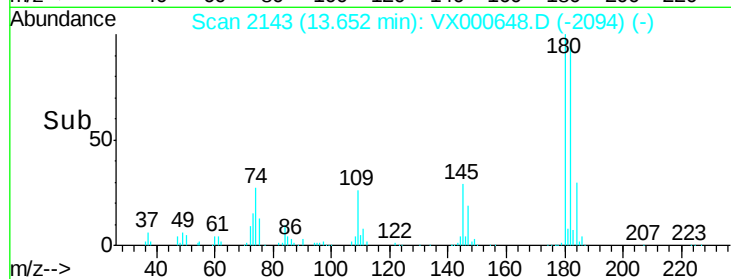
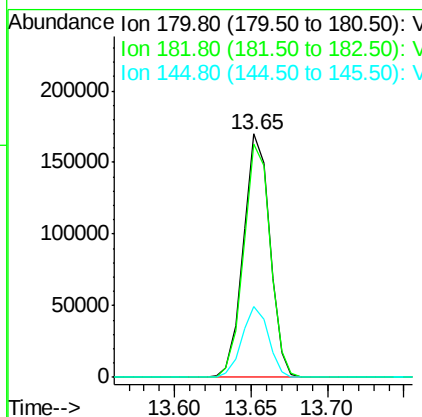
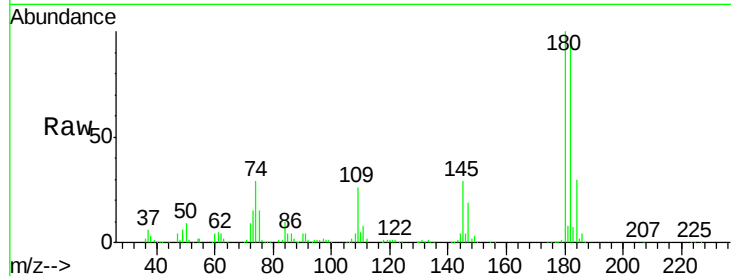
#93
 1,2,4-Trichlorobenzene
 Concen: 48.543 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203788		
182	96.3	47.6	142.9	
145	29.1	15.1	45.3	

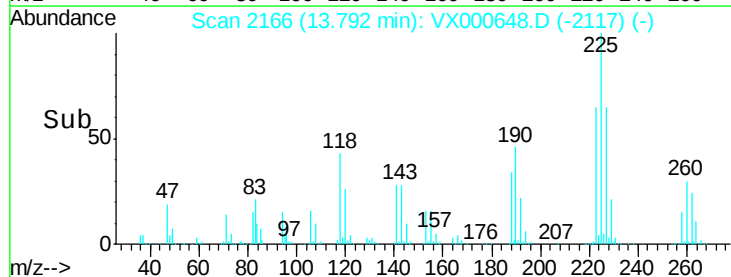
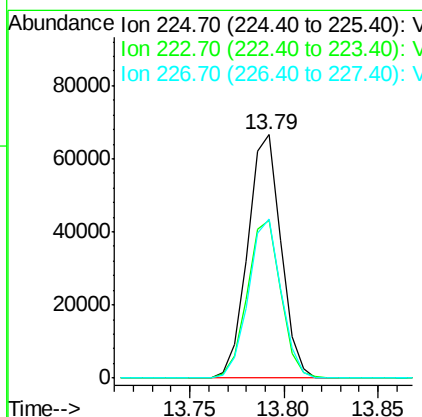
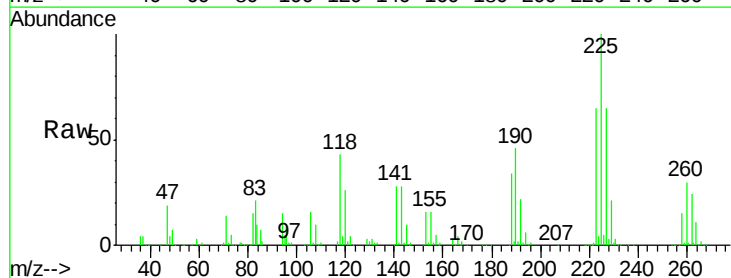
Manual Integrations
 APPROVED

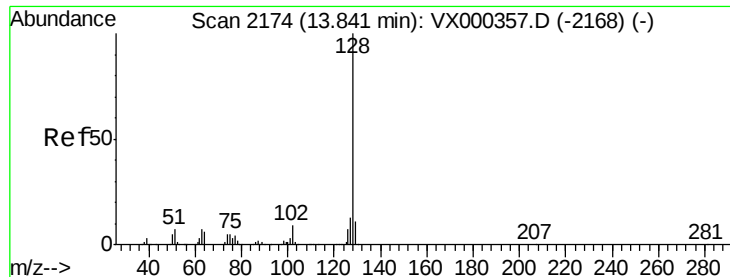
sam
 4/4/2018 5:42:45 PM



#94
 Hexachlorobutadiene
 Concen: 46.866 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000648.D
 Acq: 03 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81464		
223	65.4	32.0	96.0	
227	64.3	32.6	98.0	





#95

Naphthalene

Concen: 46.756 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Instrument :

MSVOA_X

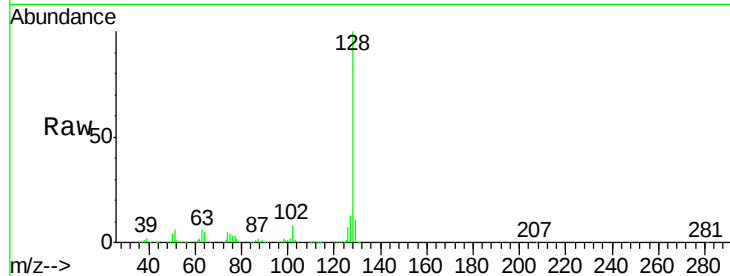
ClientSampleId :

VSTDCCC050

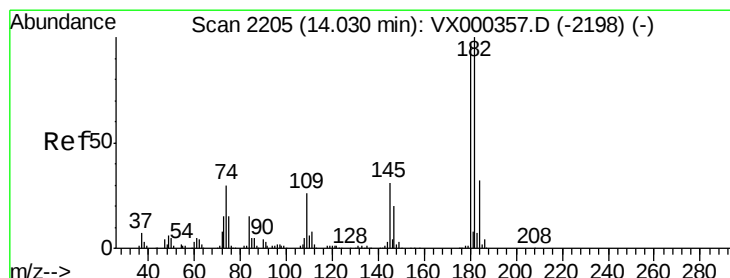
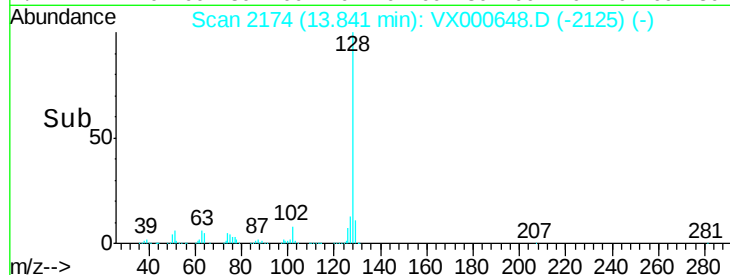
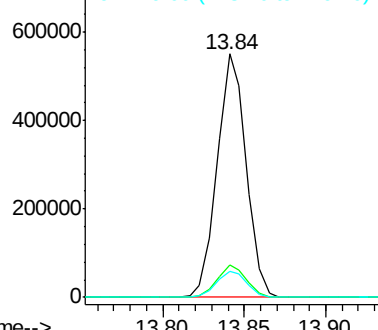
Tgt Ion:	128	Resp:	683743
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
APPROVED

sam
4/4/2018 5:42:45 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.061 ug/l

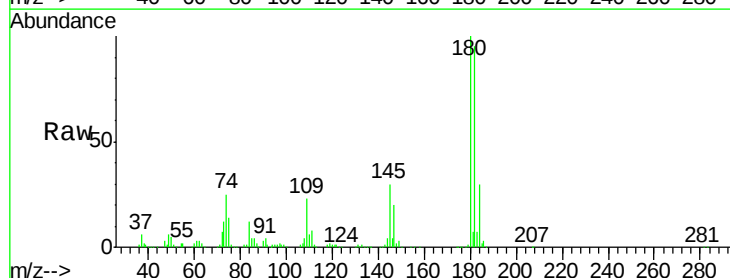
RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000648.D

Acq: 03 Apr 2018 12:14

Tgt Ion:	180	Resp:	199366
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.3
145	31.2	15.8	47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

