

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000434.D
 Acq On : 26 Mar 2018 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 3/27/2018 5:23:48 PM

Quant Time: Mar 27 07:00:47 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	5.68	168	149728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	239196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	237413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	98120	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.51	113	77374	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.73	98	303686	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.15	95	121594	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	81719	49.52	ug/l	98
3) Chloromethane	1.32	50	64656	37.19	ug/l	97
4) Vinyl Chloride	1.41	62	86728	47.22	ug/l	97
5) Bromomethane	1.64	94	80688	36.70	ug/l	95
6) Chloroethane	1.73	64	55482	50.95	ug/l	100
7) Trichlorofluoromethane	1.93	101	149450	45.08	ug/l	97
8) Diethyl Ether	2.19	74	53068	44.79	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85542	46.27	ug/l	99
10) Methyl Iodide	2.52	142	40943	24.72	ug/l	98
11) Tert butyl alcohol	3.07	59	151932	225.99	ug/l	99
12) 1,1-Dichloroethene	2.38	96	72799	44.86	ug/l	92
13) Acrolein	2.29	56	41444	196.39	ug/l	99
14) Allyl chloride	2.73	41	132774	46.31	ug/l	97
15) Acrylonitrile	3.15	53	305390	224.28	ug/l	100
16) Acetone	2.45	43	412923	253.97	ug/l	96
17) Carbon Disulfide	2.57	76	190617	44.16	ug/l	99
18) Methyl Acetate	2.78	43	159817	46.89	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	271716	45.27	ug/l	100
20) Methylene Chloride	2.86	84	80181	42.70	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	78048	43.11	ug/l	95
22) Diisopropyl ether	3.87	45	269928	53.21	ug/l	98
23) Vinyl Acetate	3.83	43	1292234	268.68	ug/l	99
24) 1,1-Dichloroethane	3.70	63	146737	46.00	ug/l	99
25) 2-Butanone	4.71	43	441617	241.65	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107659	48.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	77004	45.51	ug/l	100
28) Bromochloromethane	5.03	49	65937	50.13	ug/l	97
29) Tetrahydrofuran	5.17	42	274339	243.99	ug/l	99
30) Chloroform	5.22	83	151608	50.72	ug/l	97
31) Cyclohexane	5.58	56	119315	48.39	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	138207	51.25	ug/l	98
36) 1,1-Dichloropropene	5.81	75	108110	48.25	ug/l	97
37) Ethyl Acetate	4.87	43	146816	47.97	ug/l	100
38) Carbon Tetrachloride	5.79	117	117106	49.82	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	140901	51.71	ug/l	96
40) Benzene	6.15	78	323624	49.74	ug/l	100
41) Methacrylonitrile	5.07	41	76408	47.35	ug/l	97
42) 1,2-Dichloroethane	6.21	62	128467	50.32	ug/l	99
43) Isopropyl Acetate	6.47	43	236887	52.00	ug/l	99
44) Trichloroethene	7.22	130	93579	50.20	ug/l	99
45) 1,2-Dichloropropane	7.52	63	85051	51.07	ug/l	98
46) Dibromomethane	7.67	93	64791	49.56	ug/l	97
47) Bromodichloromethane	7.91	83	125718	54.66	ug/l	99
48) Methyl methacrylate	7.79	41	114060	51.57	ug/l	100
49) 1,4-Dioxane	7.76	88	46874	1008.24	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	897987	254.65	ug/l	99
52) Toluene	8.79	92	224386	49.33	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	143080	53.68	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	138799	53.69	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	95960	51.30	ug/l	98
56) Ethyl methacrylate	9.19	69	145026	51.16	ug/l	100
57) 1,3-Dichloropropane	9.38	76	150041	50.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	343586	252.56	ug/l	98
59) 2-Hexanone	9.51	43	784310	261.94	ug/l	99
60) Dibromochloromethane	9.59	129	103214	46.90	ug/l	99
61) 1,2-Dibromoethane	9.68	107	102346	51.02	ug/l	99
64) Tetrachloroethene	9.34	164	87042	47.25	ug/l	96
65) Chlorobenzene	10.15	112	264364	50.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	93556	52.14	ug/l	98
67) Ethyl Benzene	10.26	91	461918	51.57	ug/l	98
68) m/p-Xylenes	10.37	106	377258	107.04	ug/l	98
69) o-Xylene	10.71	106	179727	52.67	ug/l	98
70) Styrene	10.72	104	304897	54.00	ug/l	99
71) Bromoform	10.87	173	86542	46.64	ug/l #	95
73) Isopropylbenzene	11.02	105	511421	49.08	ug/l	98
74) N-amyl acetate	6.47	43	236887	52.31	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	179685	48.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	160482m	47.48	ug/l	
77) Bromobenzene	11.26	156	124059	44.69	ug/l	99
78) n-propylbenzene	11.37	91	604951	48.69	ug/l	99
79) 2-Chlorotoluene	11.43	91	340612	47.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	450229	51.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	54174	51.89	ug/l	99
82) 4-Chlorotoluene	11.52	91	426212	49.73	ug/l	99
83) tert-Butylbenzene	11.78	119	439811	49.77	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	466295	50.76	ug/l	99
85) sec-Butylbenzene	11.95	105	563019	51.50	ug/l	99
86) p-Isopropyltoluene	12.07	119	511138	52.64	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	256744	48.92	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	268611	48.75	ug/l	98
89) n-Butylbenzene	12.40	91	466903	51.64	ug/l	99
90) Hexachloroethane	12.60	117	80680	52.79	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	255960	49.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50775	49.40	ug/l	97

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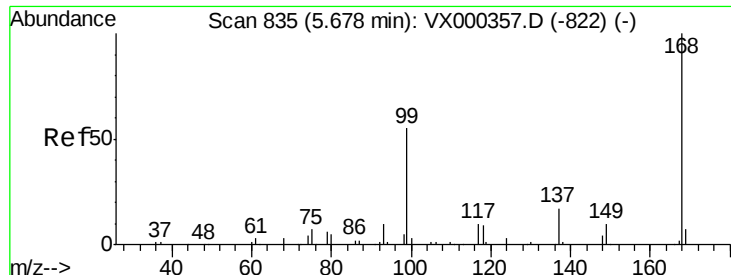
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	175075	47.46	ug/l	98
94) Hexachlorobutadiene	13.79	225	74566	48.82	ug/l	97
95) Naphthalene	13.84	128	631910	49.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	179755	49.31	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 149728

Ion Ratio Lower Upper

168 100

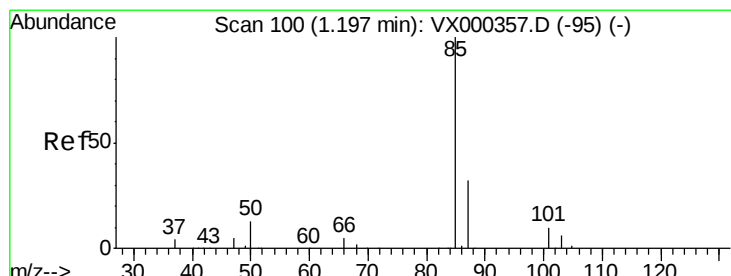
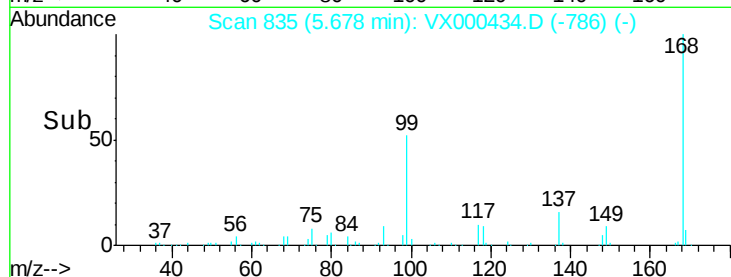
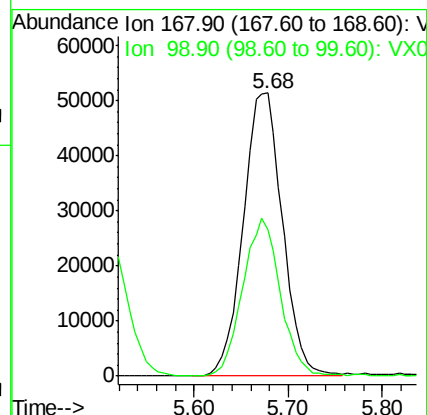
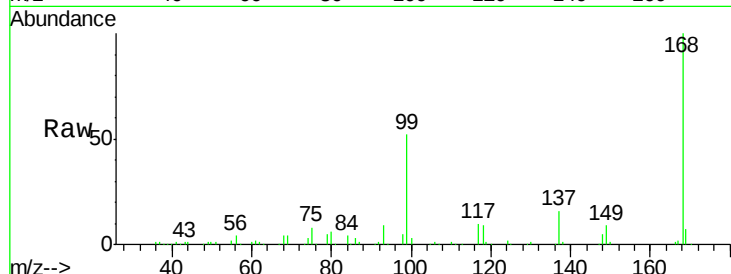
99 51.5 45.8 68.6

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#2

Dichlorodifluoromethane

Concen: 49.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000434.D

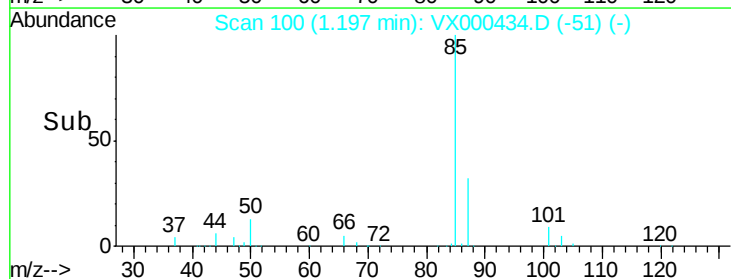
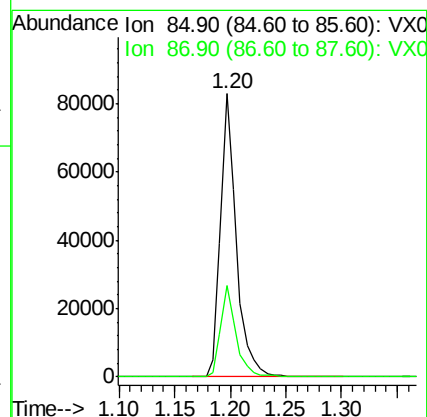
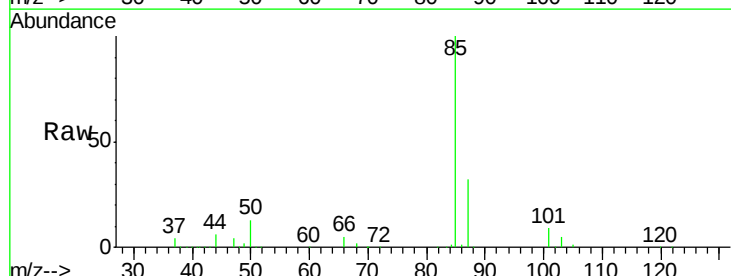
Acq: 26 Mar 2018 11:07

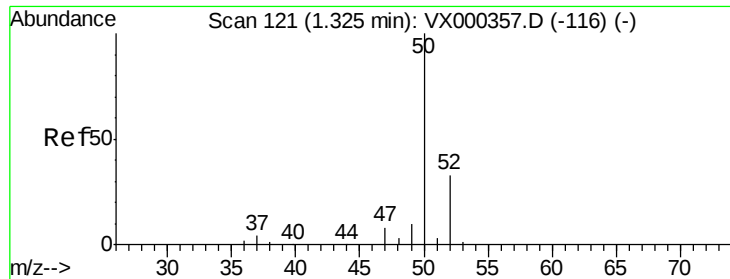
Tgt Ion: 85 Resp: 81719

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.3





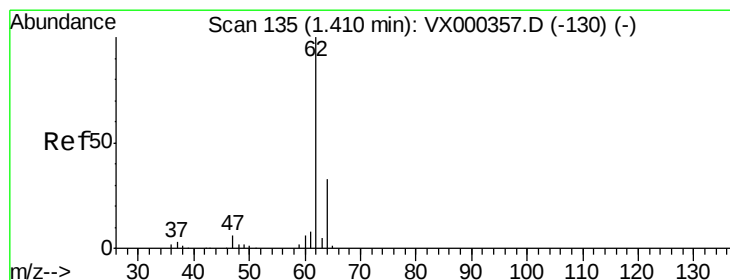
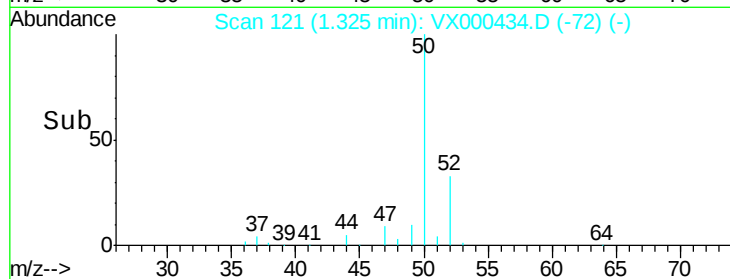
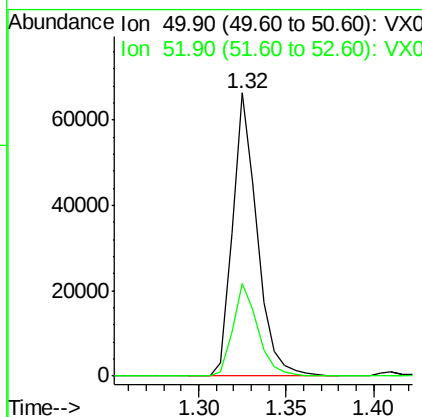
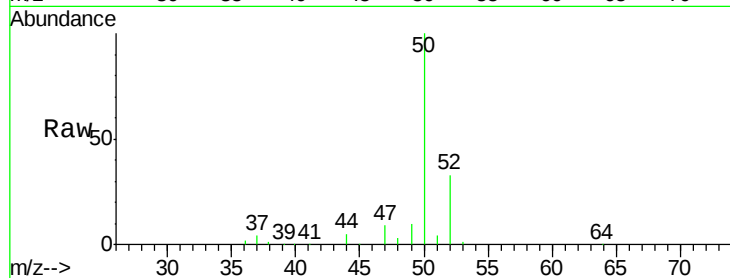
#3
Chloromethane
Concen: 37.19 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.5	27.5	41.3

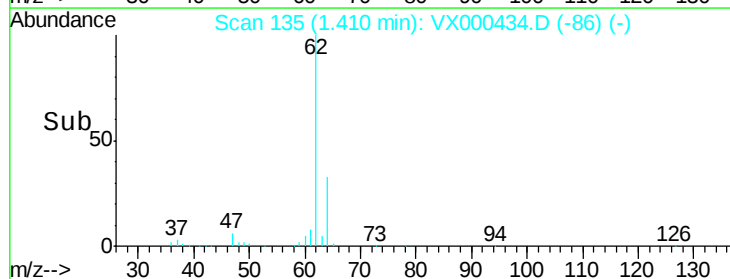
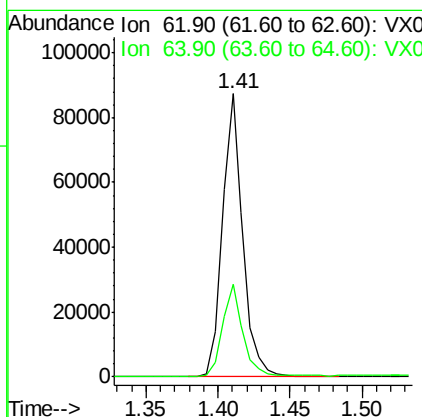
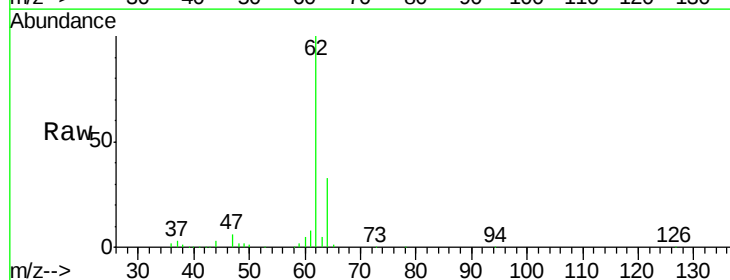
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#4
Vinyl Chloride
Concen: 47.22 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.6	24.8	37.2





#5

Bromomethane

Concen: 36.70 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 80688

Ion Ratio Lower Upper

94 100

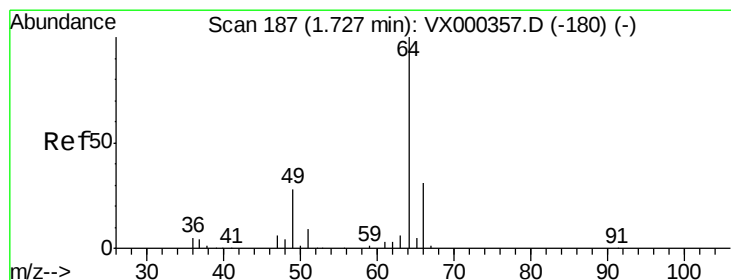
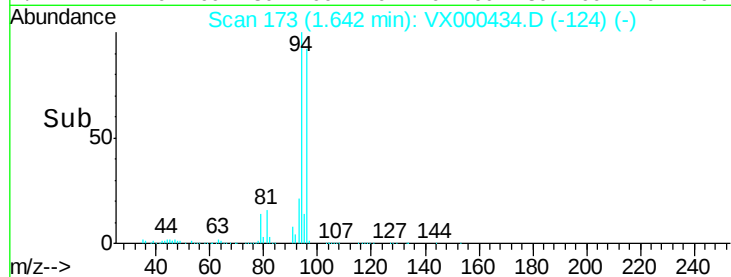
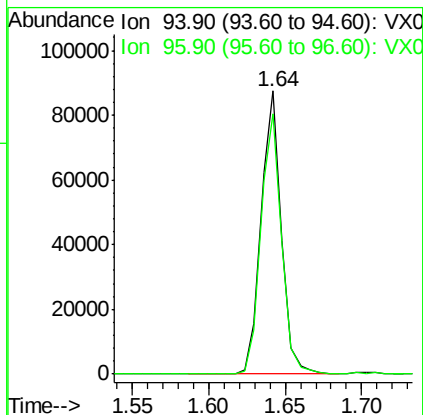
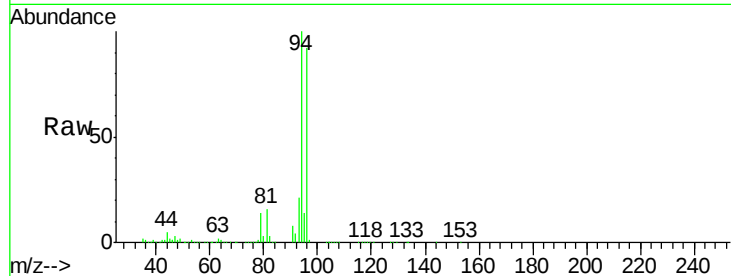
96 92.0 77.7 116.5

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#6

Chloroethane

Concen: 50.95 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000434.D

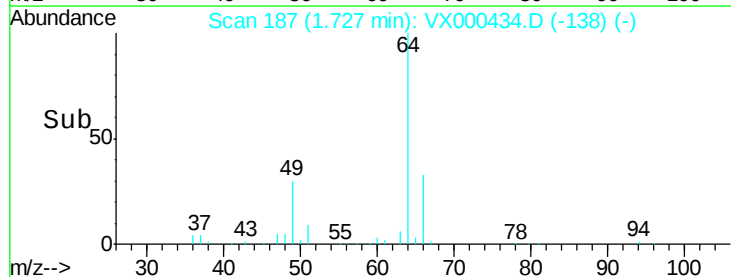
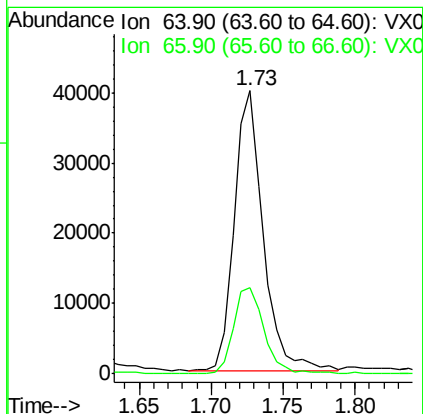
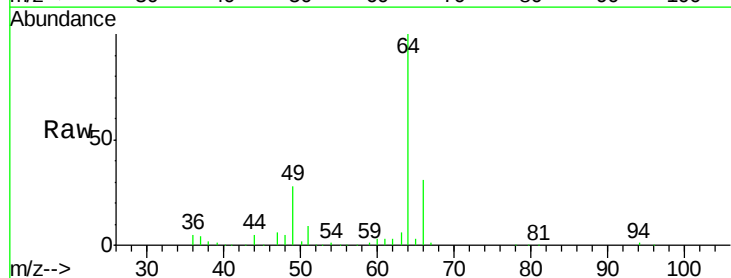
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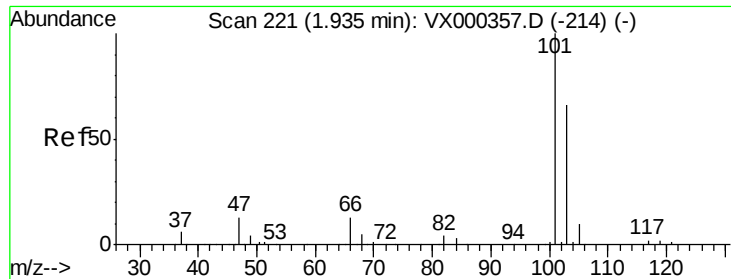
Tgt Ion: 64 Resp: 55482

Ion Ratio Lower Upper

64 100

66 30.8 24.8 37.2





#7

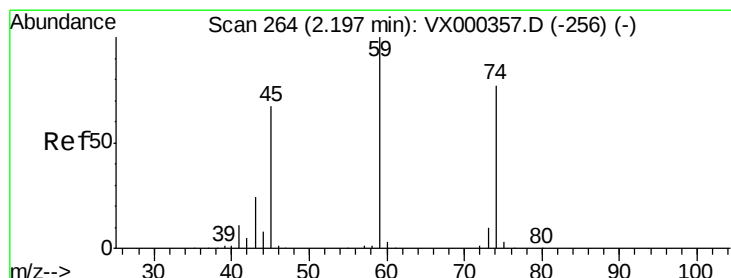
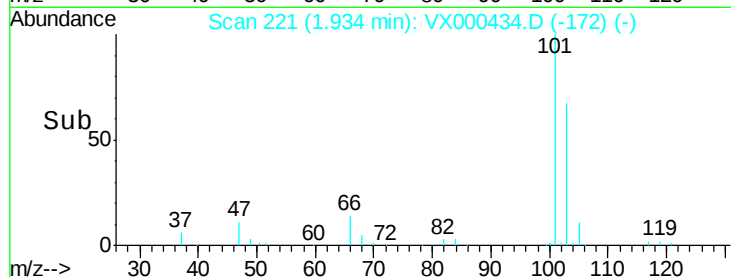
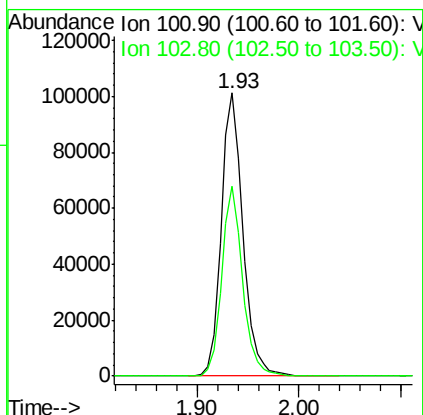
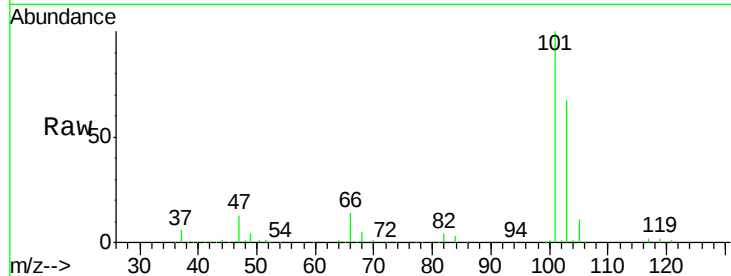
Trichlorofluoromethane
Concen: 45.08 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.6	77.4

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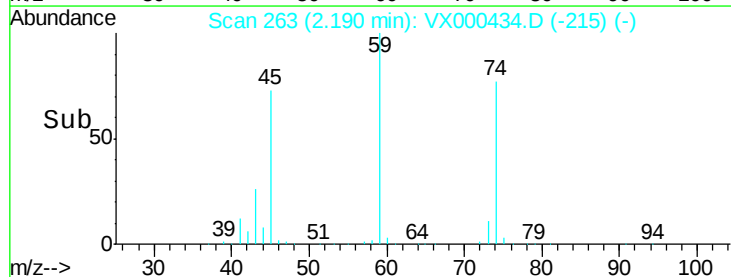
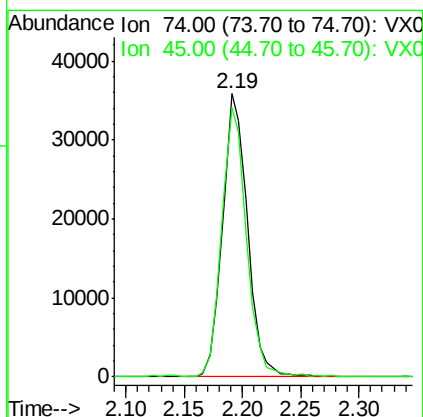
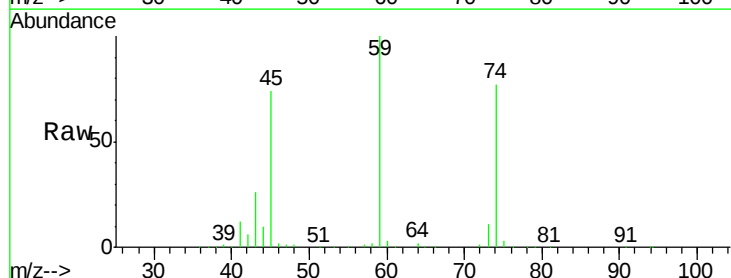
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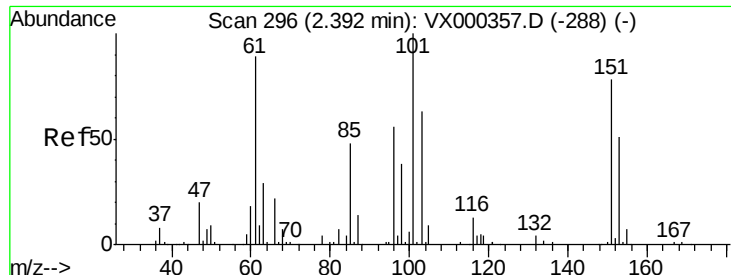


#8

Diethyl Ether
Concen: 44.79 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.27 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

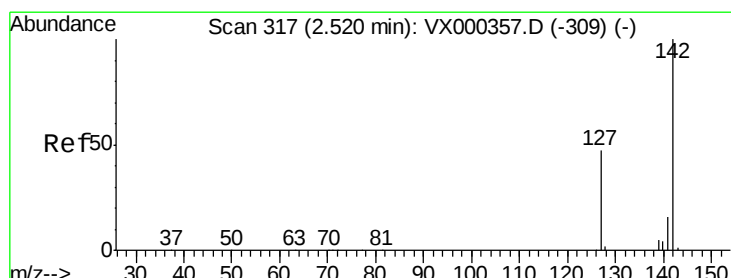
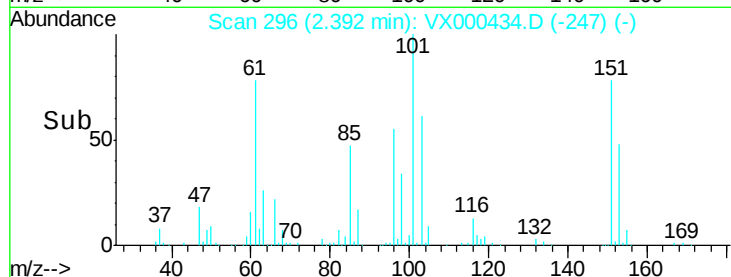
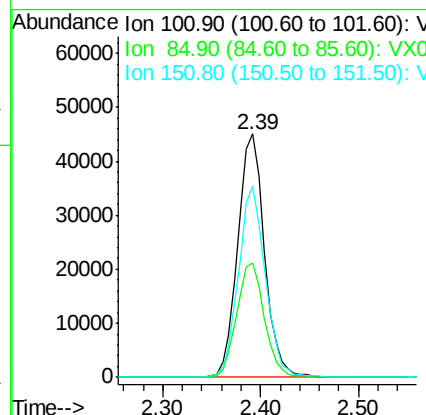
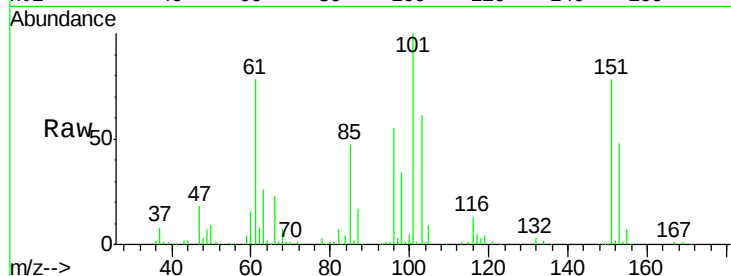
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	85542
Ion Ratio	Lower	Upper	
101	100		
85	48.7	37.6	56.4
151	79.0	62.6	93.8

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#10

Methyl Iodide

Concen: 24.72 ug/l

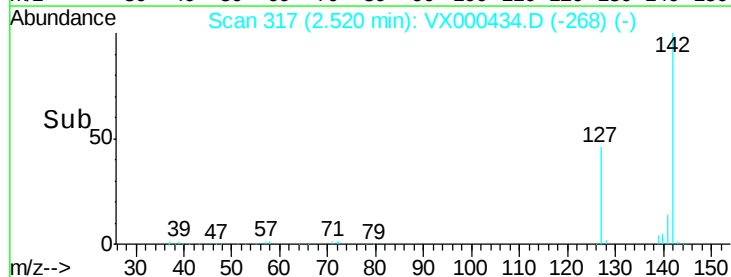
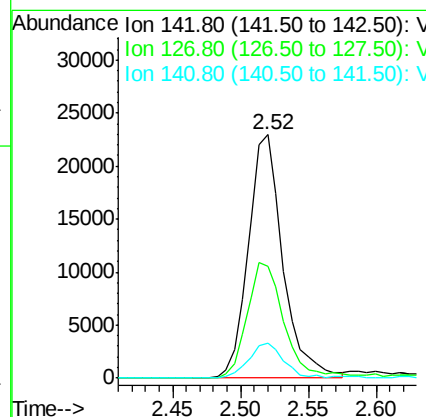
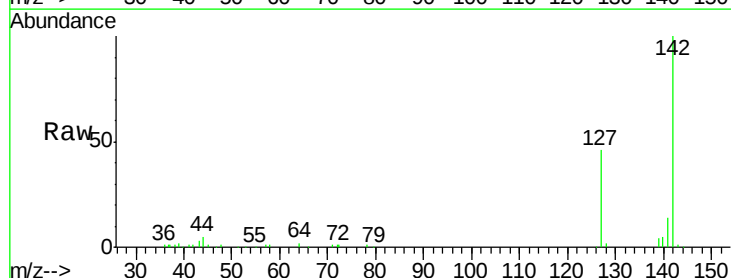
RT: 2.52 min Scan# 317

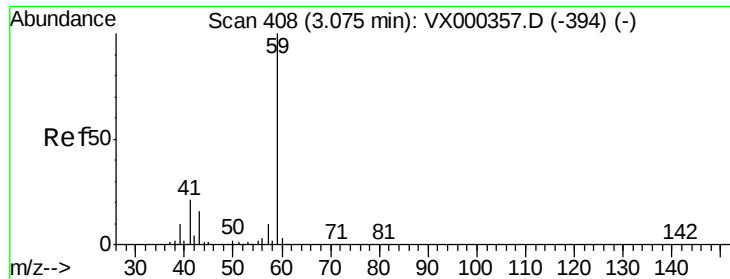
Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion:	142	Resp:	40943
Ion Ratio	Lower	Upper	
142	100		
127	50.4	39.2	58.8
141	14.5	11.7	17.5





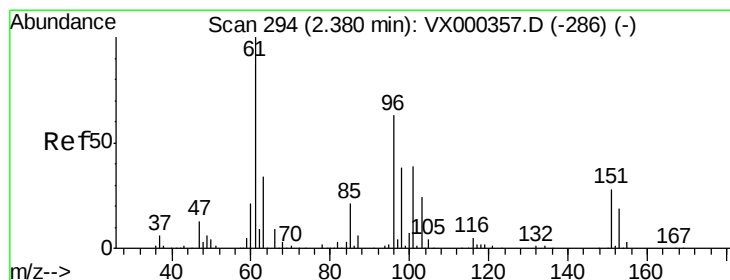
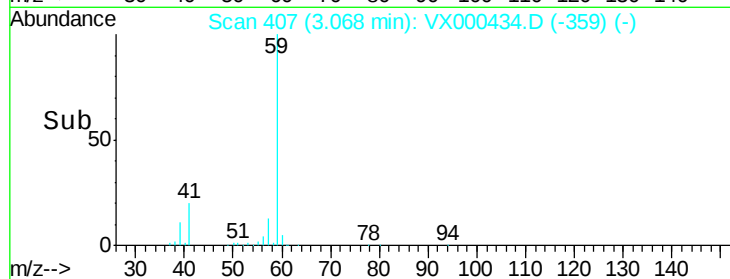
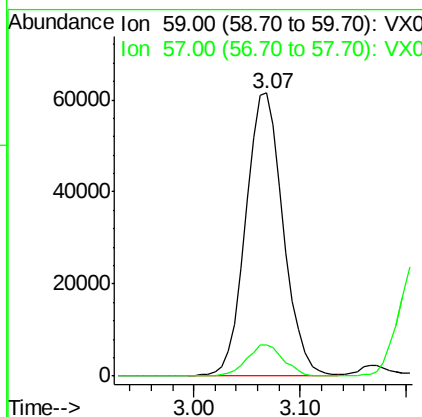
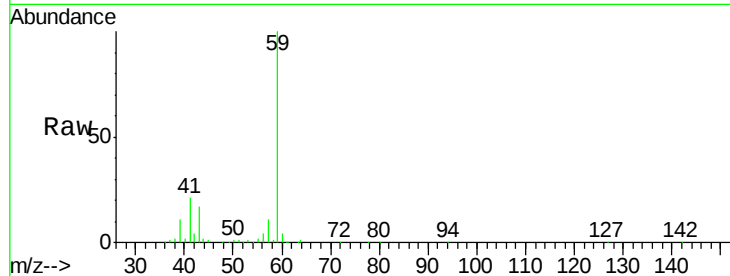
#11
Tert butyl alcohol
Concen: 225.99 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 151932
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6

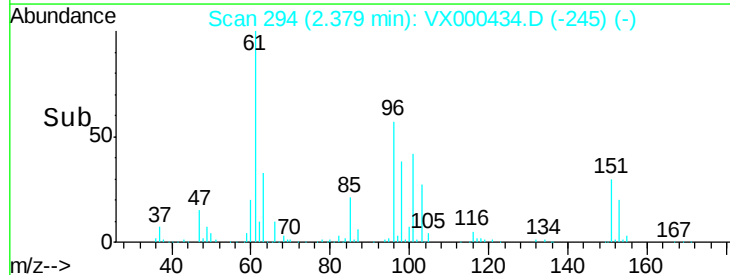
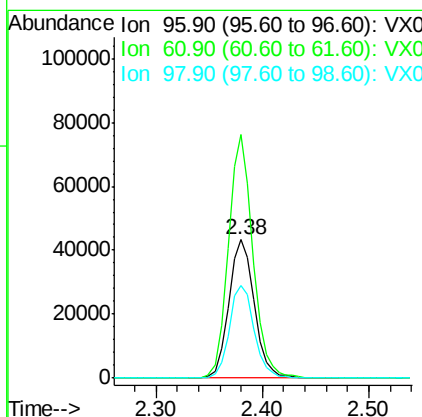
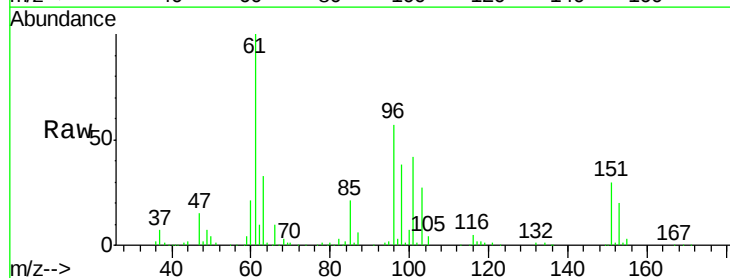
Manual Integrations
APPROVED

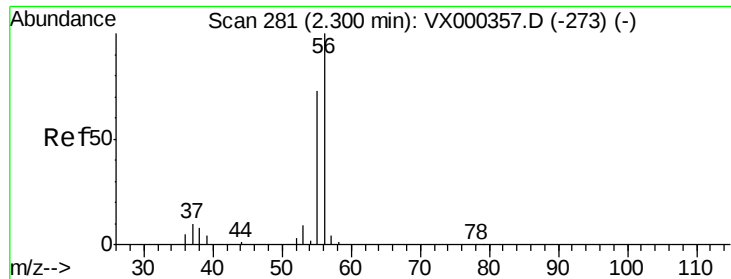
sam
3/27/2018 5:23:48 PM



#12
1,1-Dichloroethene
Concen: 44.86 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 96 Resp: 72799
Ion Ratio Lower Upper
96 100
61 175.8 131.2 196.8
98 66.6 49.8 74.8





#13

Acrolein

Concen: 196.39 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 41444

Ion Ratio Lower Upper

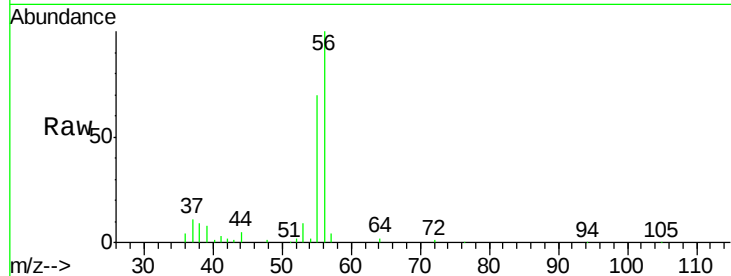
56 100

55 72.7 58.8 88.2

Manual Integrations
APPROVED

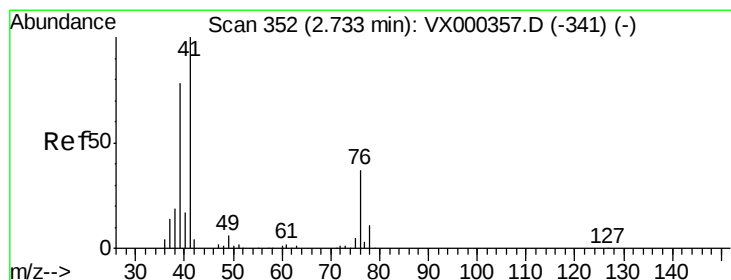
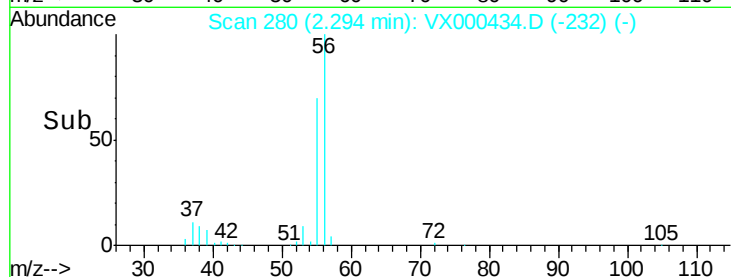
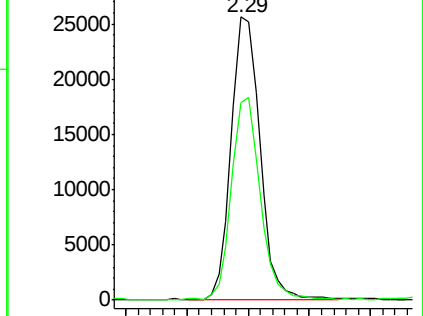
sam

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.31 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

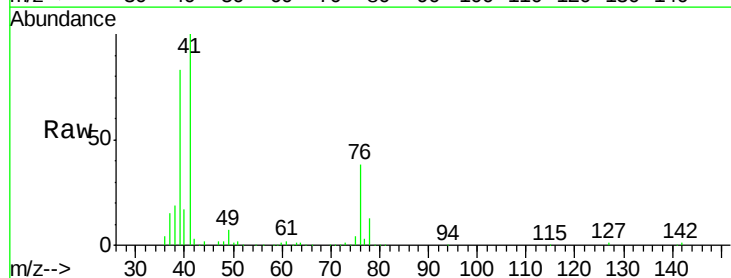
Tgt Ion: 41 Resp: 132774

Ion Ratio Lower Upper

41 100

39 75.2 57.6 86.4

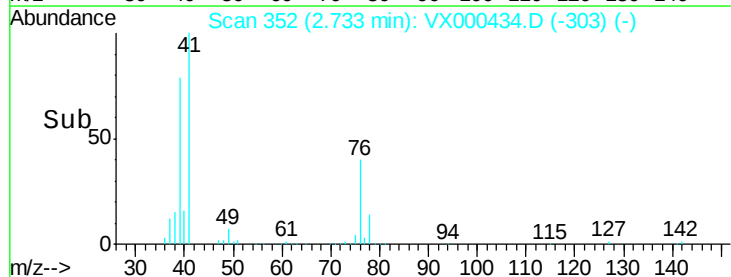
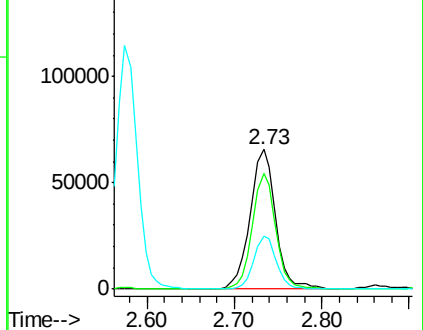
76 34.0 27.3 40.9

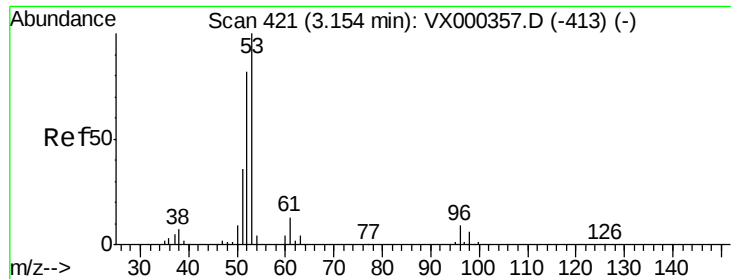


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 224.28 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

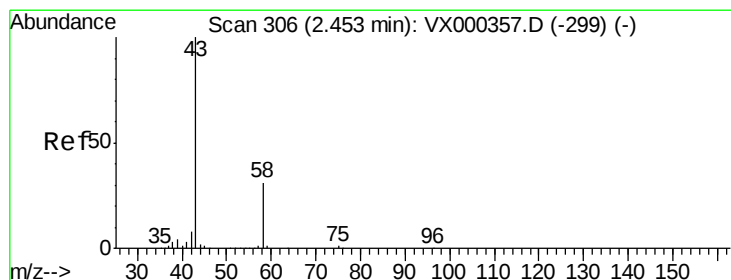
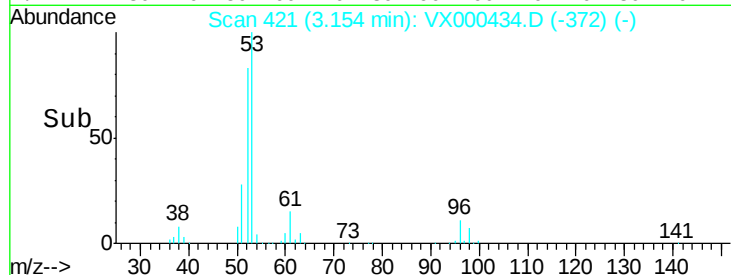
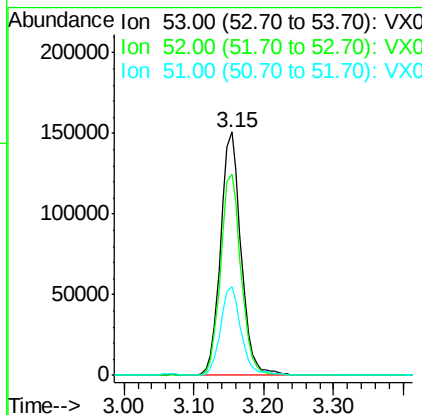
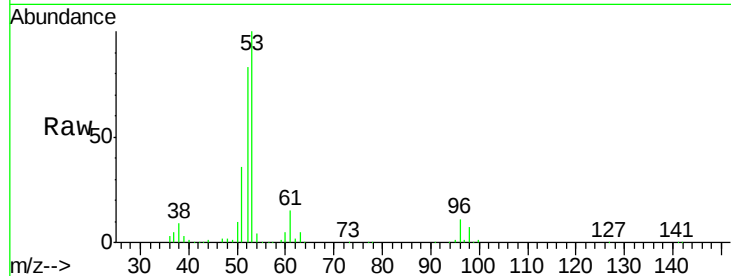
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	305390
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.6	99.8
51	36.7	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 253.97 ug/l

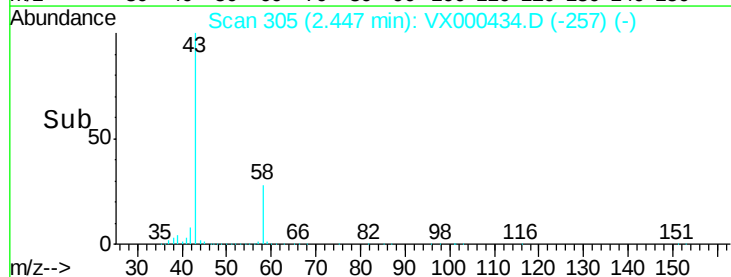
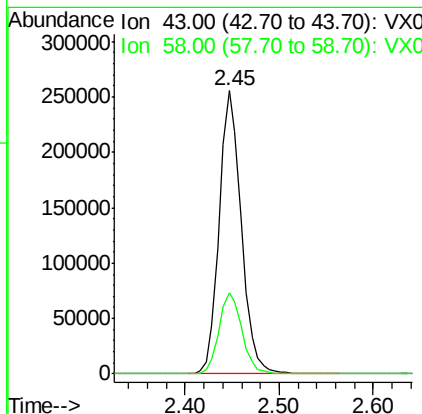
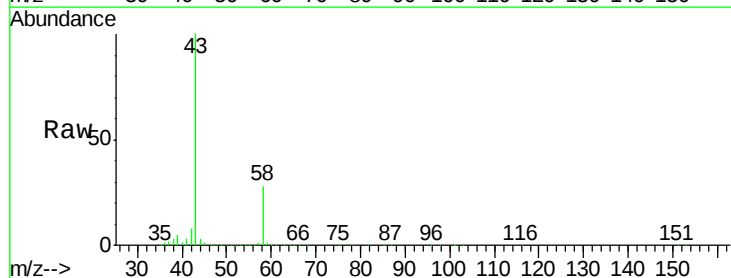
RT: 2.45 min Scan# 305

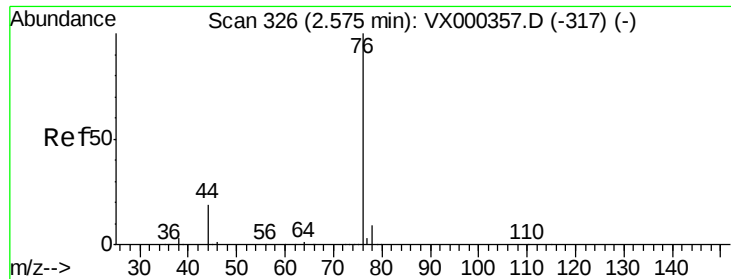
Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion:	43	Resp:	412923
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.7	37.1





#17

Carbon Disulfide

Concen: 44.16 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 190617

Ion Ratio Lower Upper

76 100

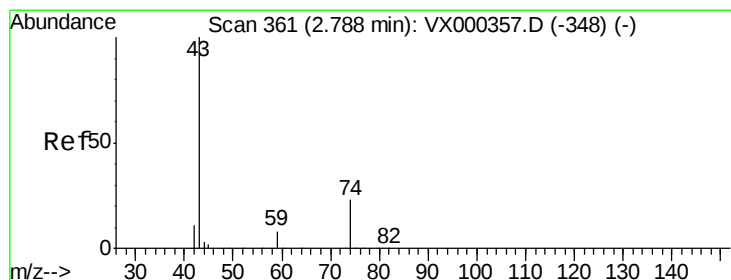
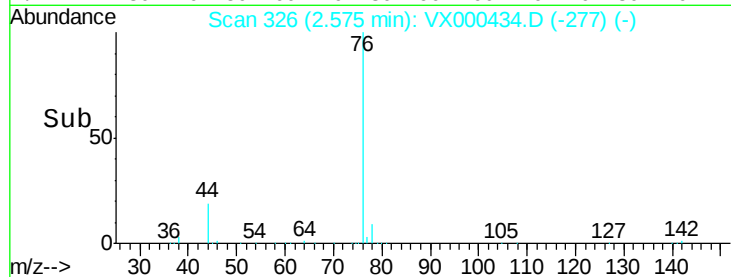
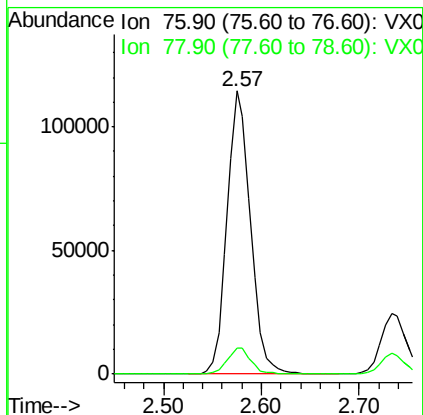
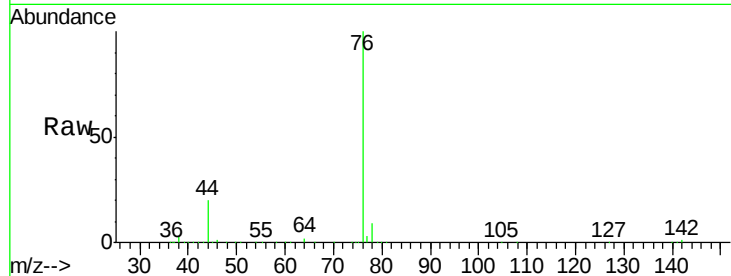
78 9.1 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 46.89 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000434.D

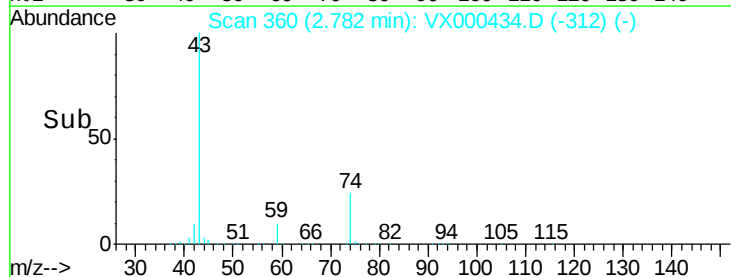
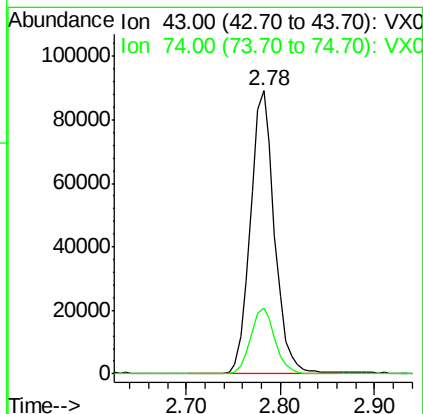
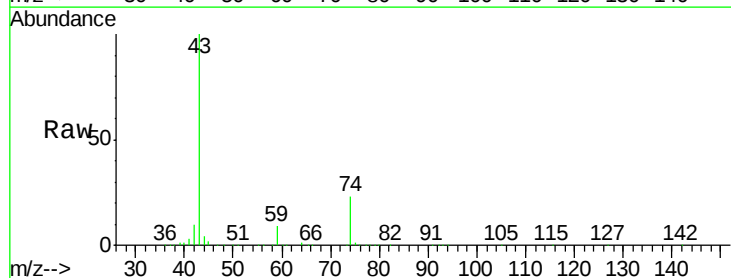
Acq: 26 Mar 2018 11:07

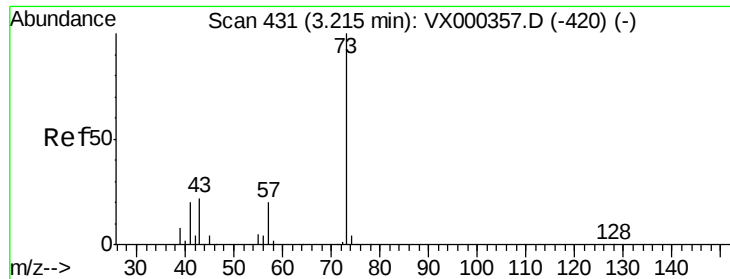
Tgt Ion: 43 Resp: 159817

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2





#19

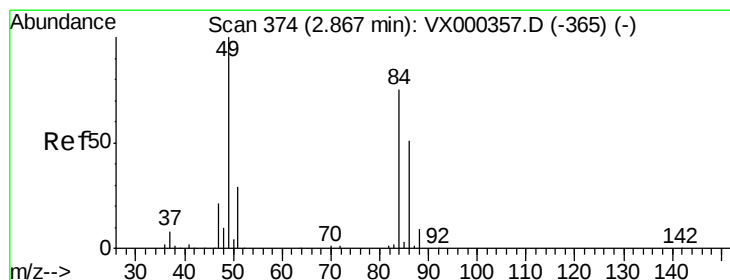
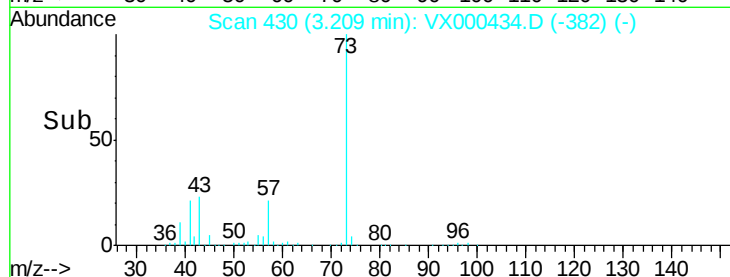
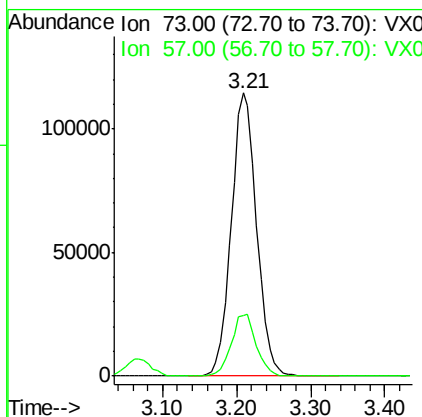
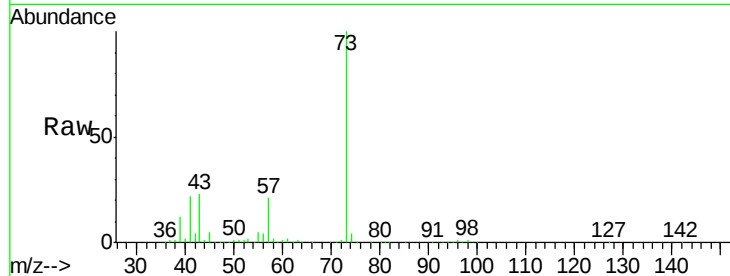
Methyl tert-butyl Ether
Concen: 45.27 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.2	25.8

Manual Integrations
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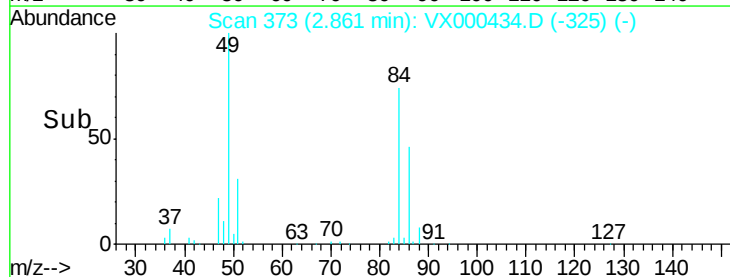
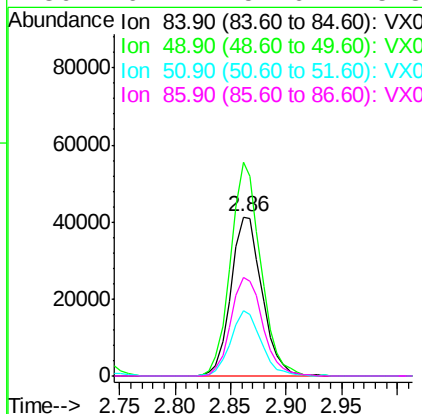
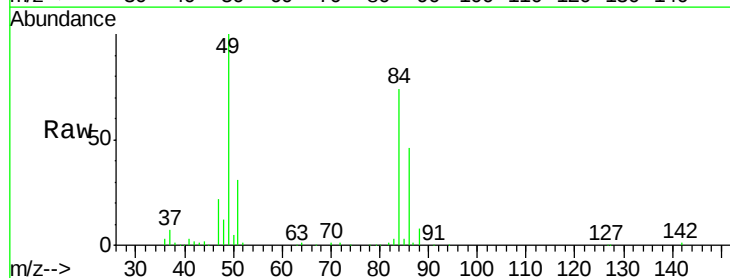
sam
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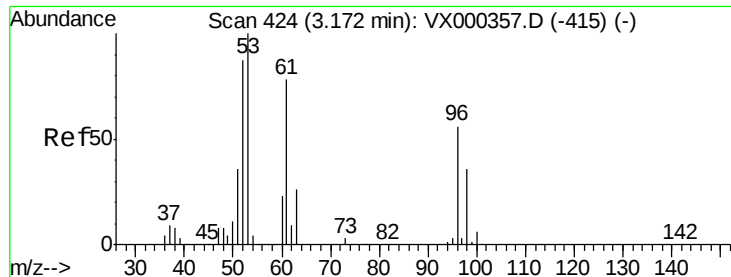


#20

Methylene Chloride
Concen: 42.70 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.4	100.6	151.0
51	41.3	31.6	47.4
86	62.4	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 43.11 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

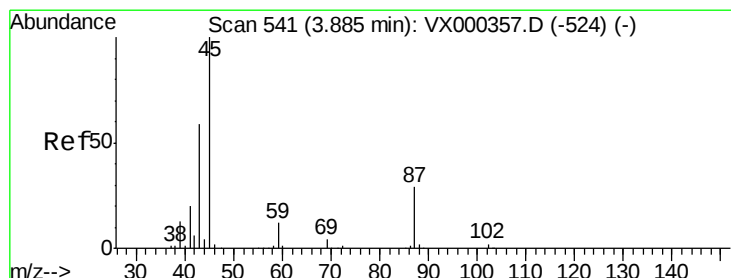
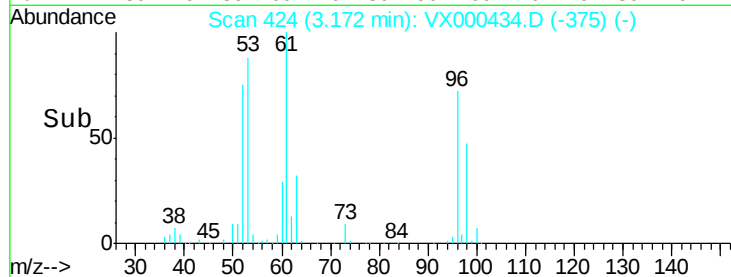
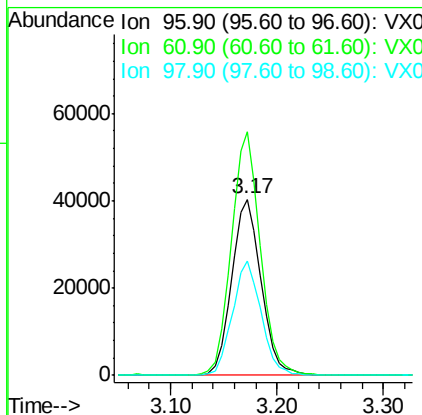
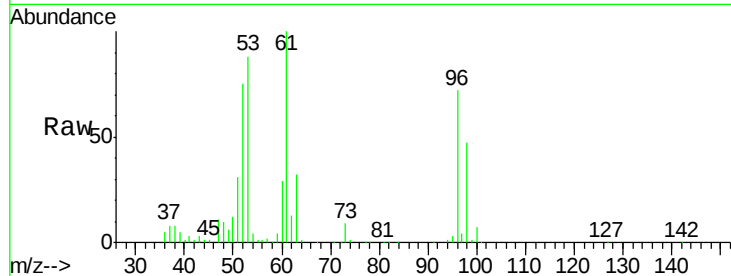
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	78048
Ion	Ratio	Lower	Upper
96	100		
61	138.4	104.0	156.0
98	64.9	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.21 ug/l

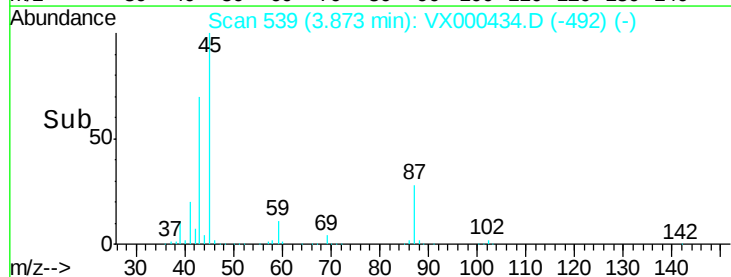
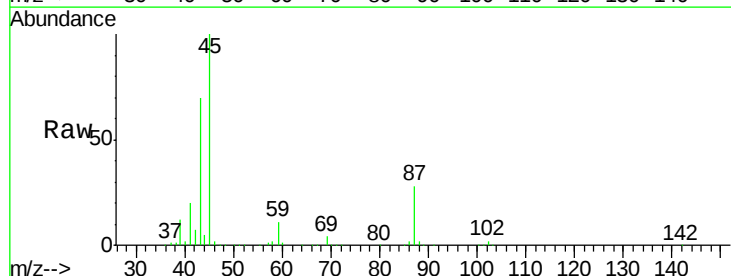
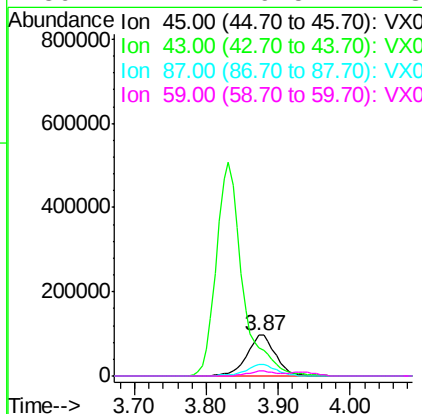
RT: 3.87 min Scan# 539

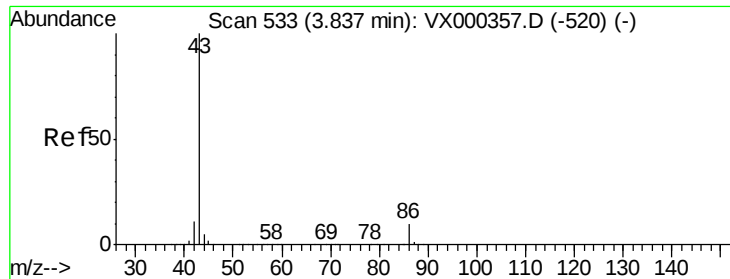
Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion:	45	Resp:	269928
Ion	Ratio	Lower	Upper
45	100		
43	69.4	53.9	80.9
87	27.6	22.6	34.0
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 268.68 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tot Ion: 43 Resp: 1292234

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

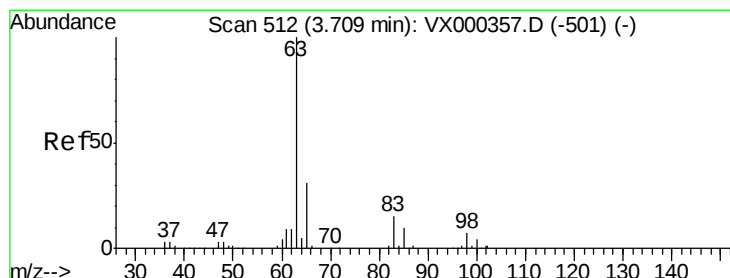
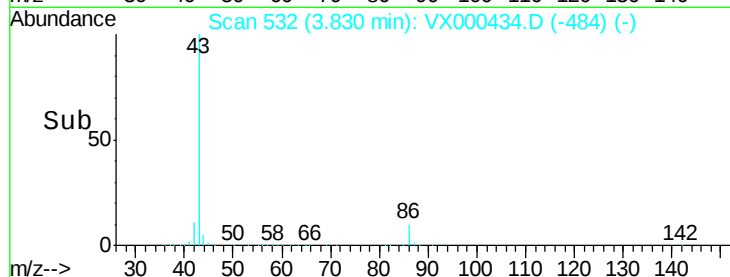
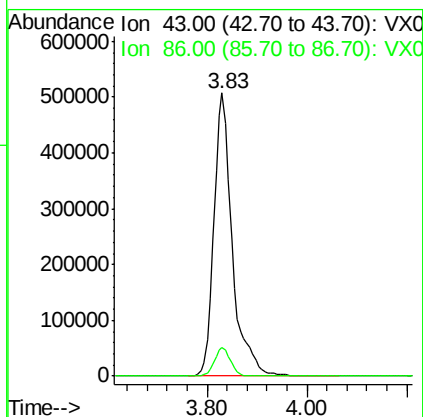
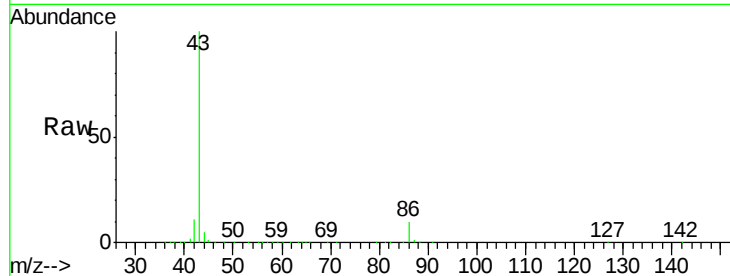
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 46.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

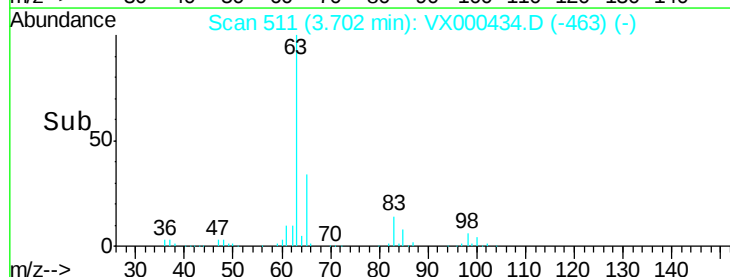
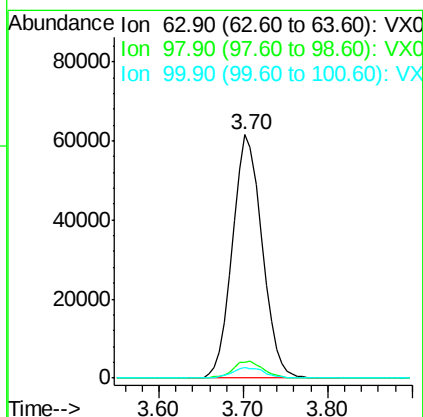
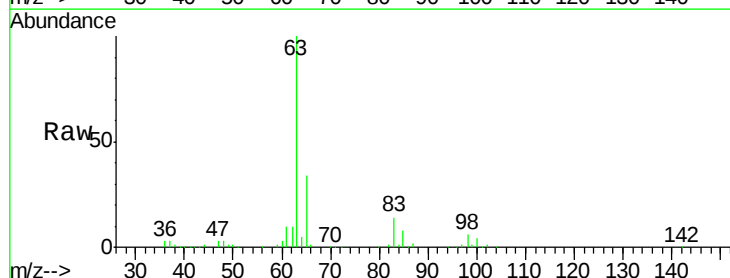
Tgt Ion: 63 Resp: 146737

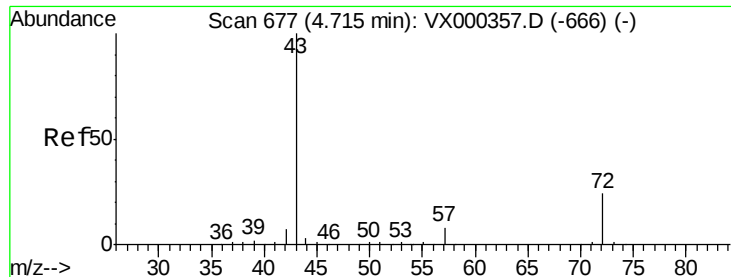
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.4 2.0 5.8





#25

2-Butanone

Concen: 241.65 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 441617

Ion Ratio Lower Upper

43 100

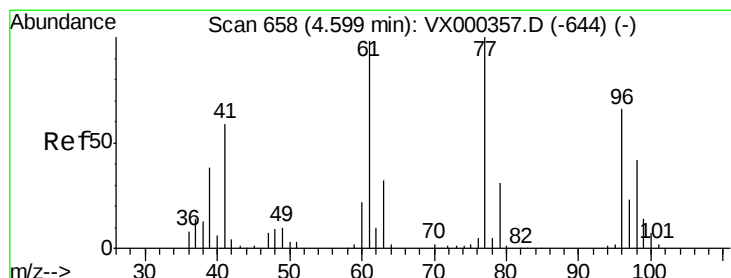
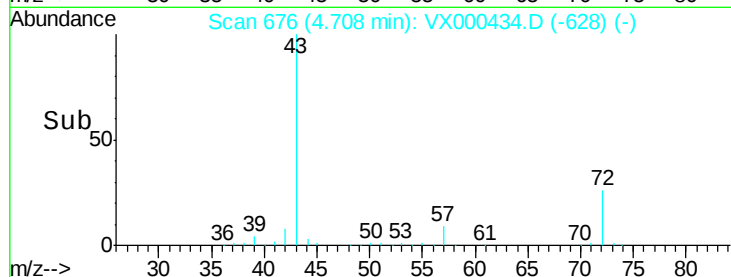
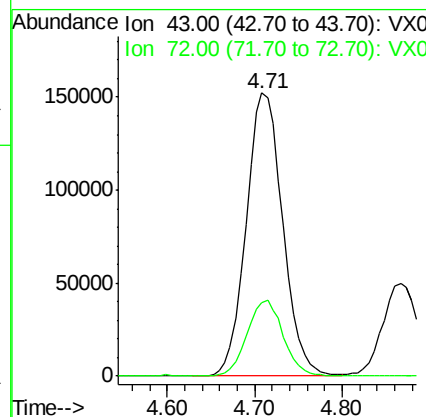
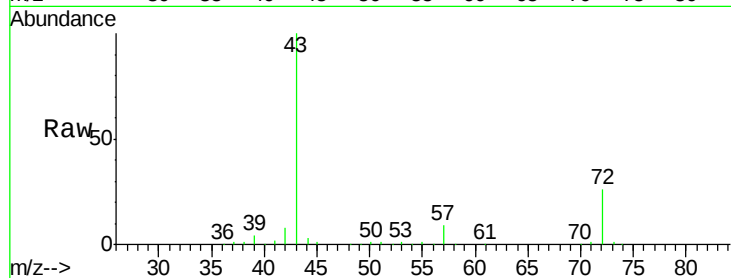
72 26.1 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.16 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000434.D

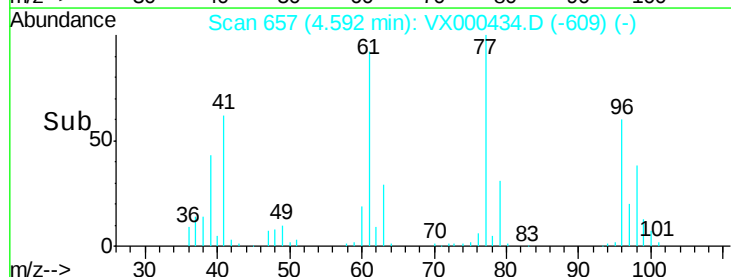
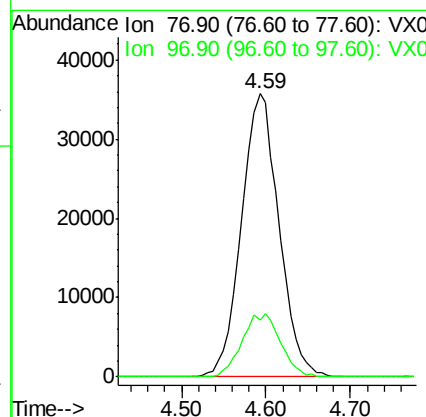
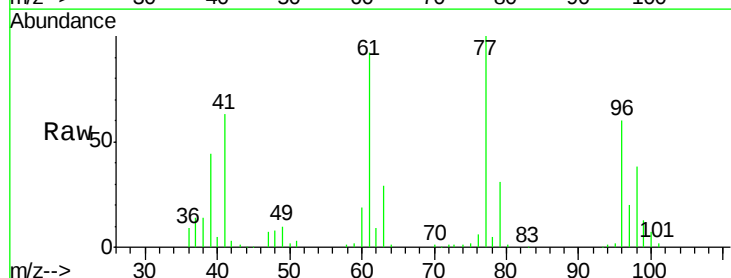
Acq: 26 Mar 2018 11:07

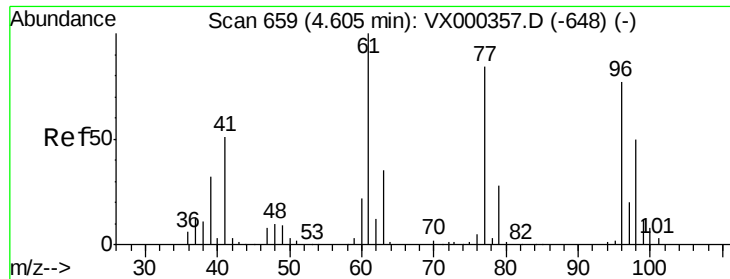
Tgt Ion: 77 Resp: 107659

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

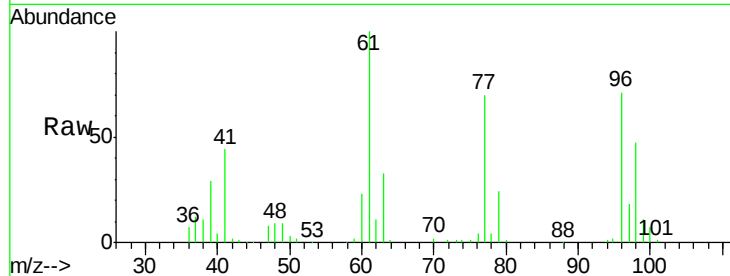
cis-1,2-Dichloroethene
Concen: 45.51 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	291.6
98	65.1	0.0	132.0

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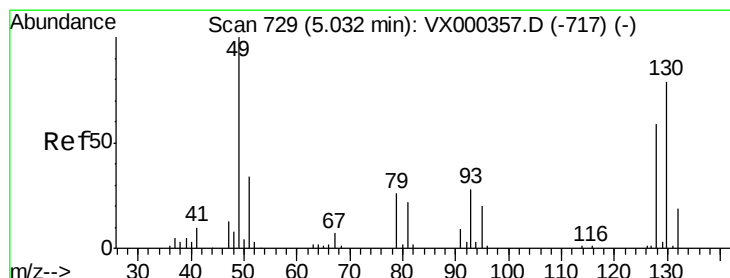
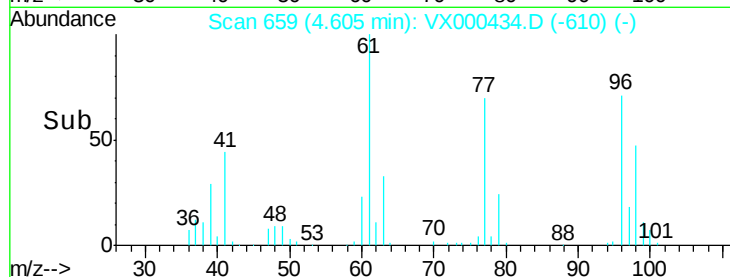
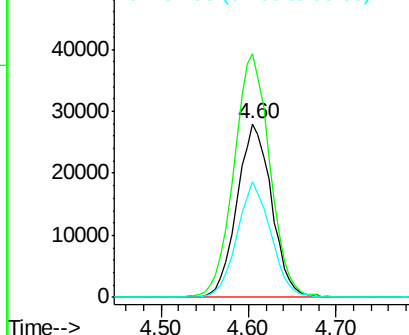


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

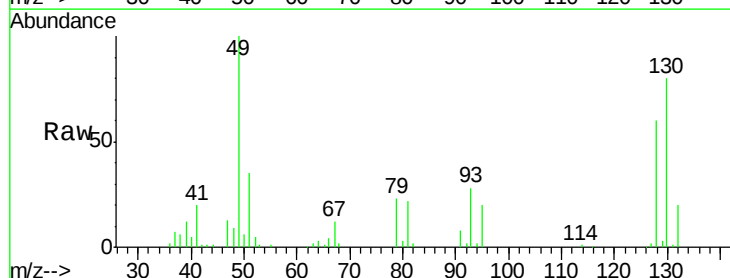
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.13 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	77.0	64.0	96.0

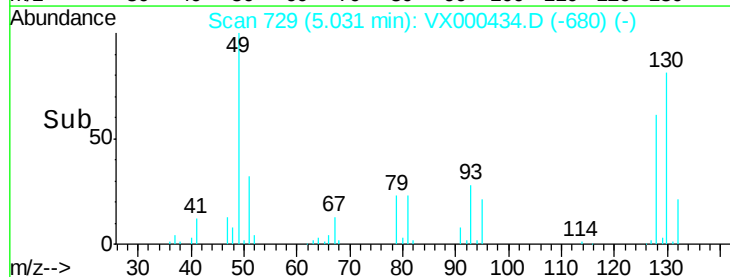
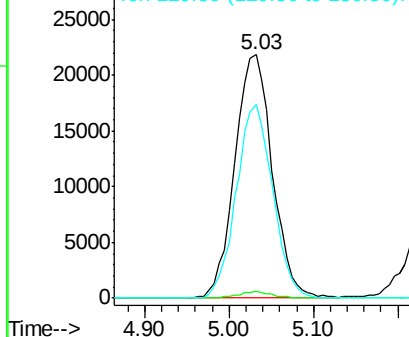


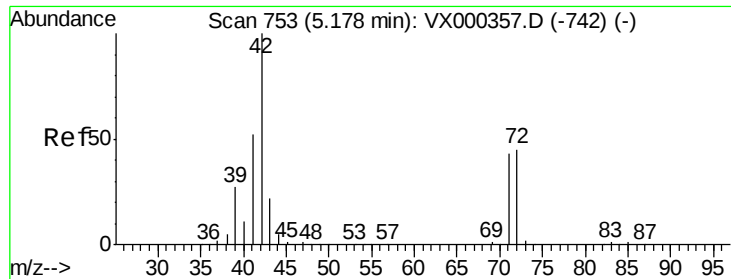
Abundance

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





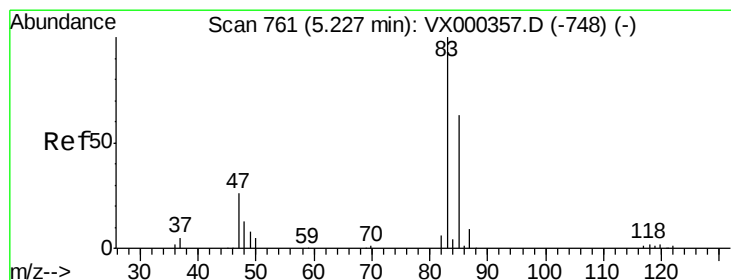
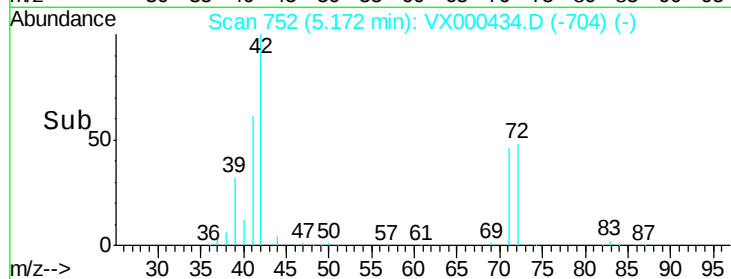
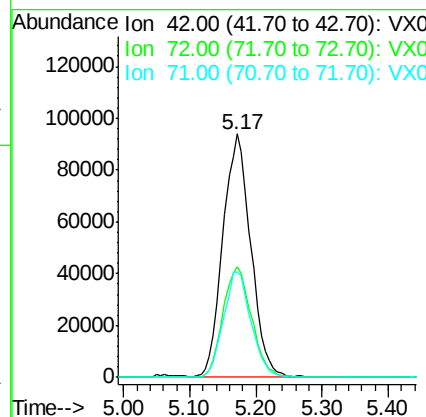
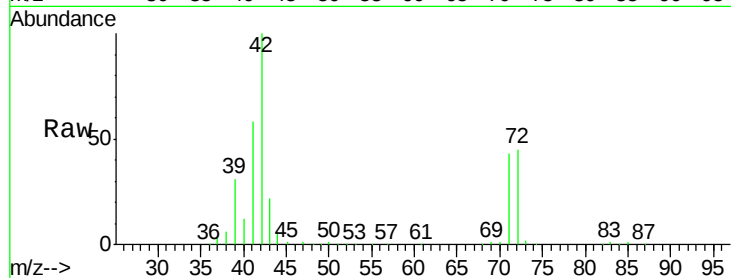
#29
Tetrahydrofuran
Concen: 243.99 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.9	56.9
71	42.8	34.4	51.6

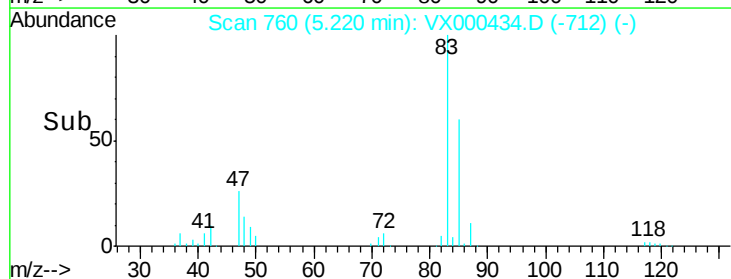
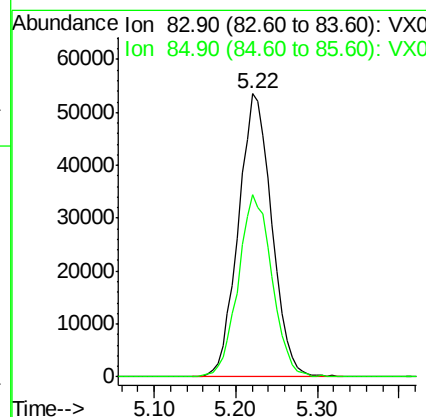
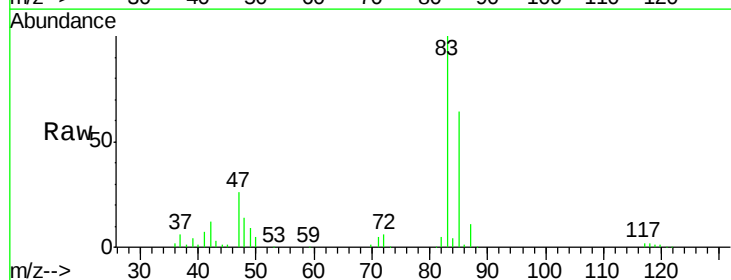
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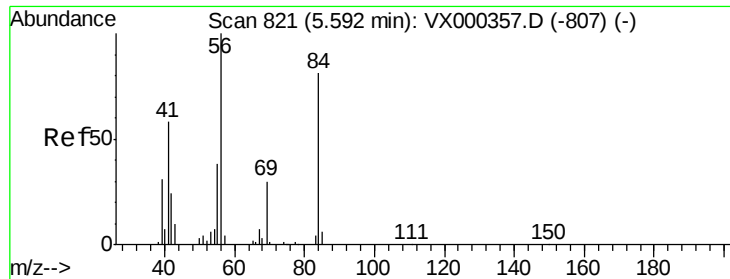
sam
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#30
Chloroform
Concen: 50.72 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.3	79.9





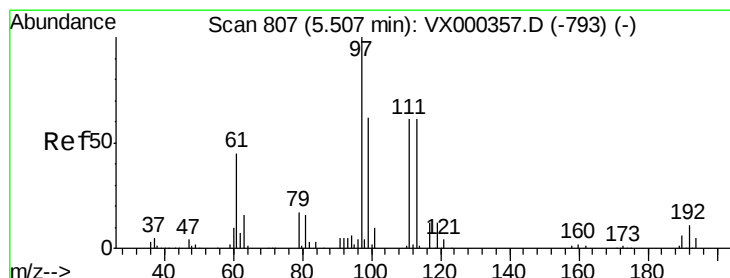
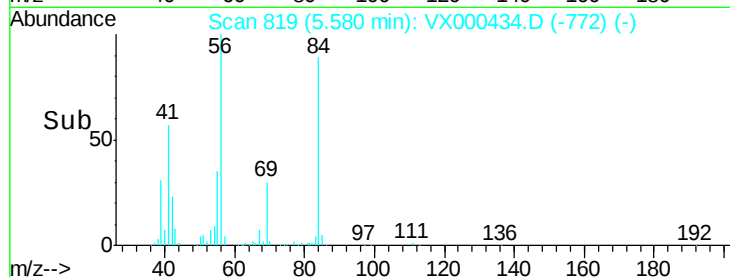
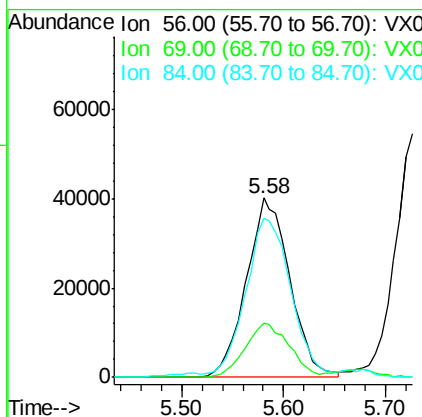
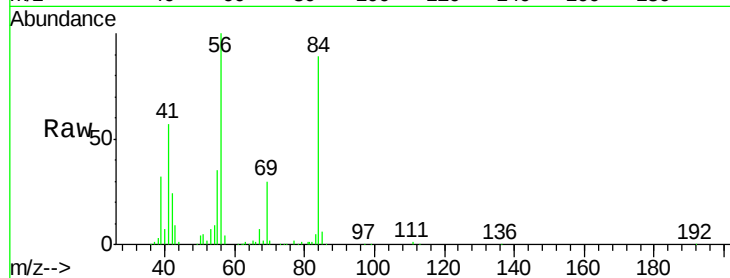
#31
Cyclohexane
Concen: 48.39 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.4	35.0
84	86.7	71.0	106.4

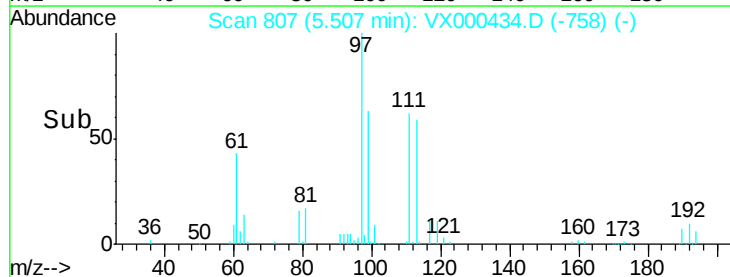
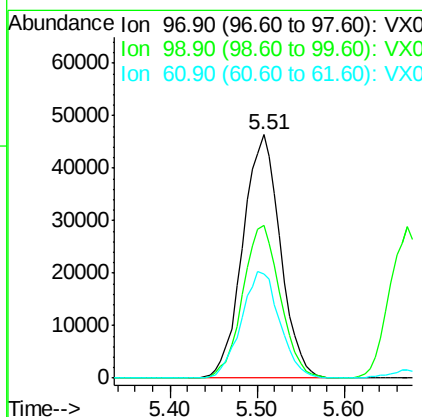
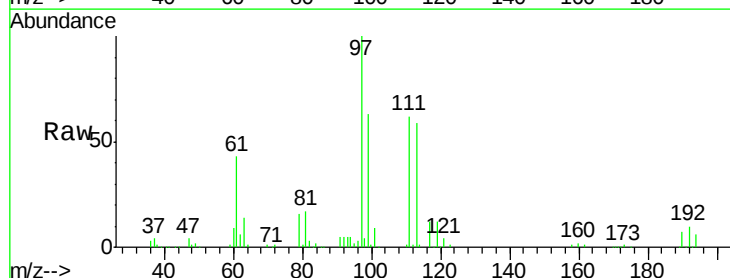
Manual Integrations
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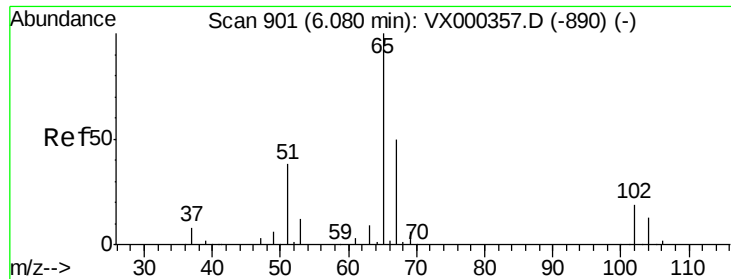
sam
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#32
1,1,1-Trichloroethane
Concen: 51.25 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.1	78.1
61	44.9	36.2	54.4





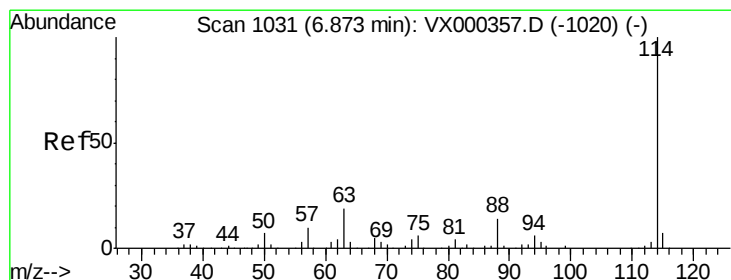
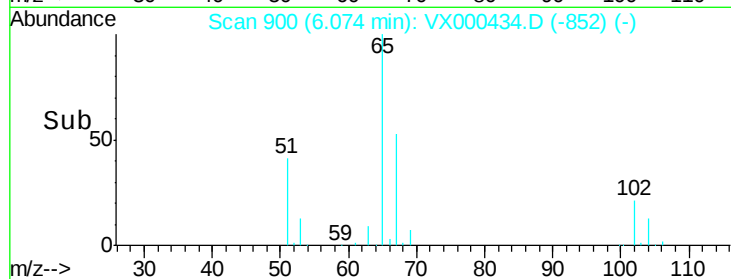
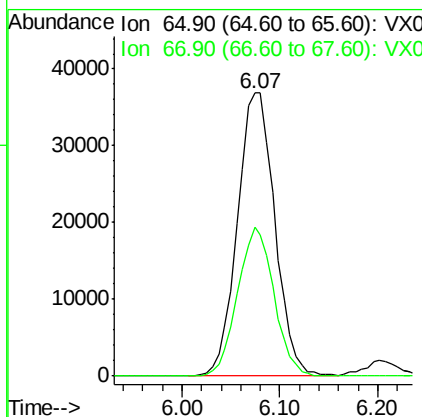
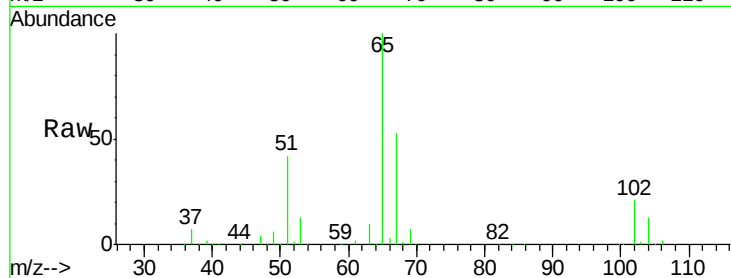
#33
 1,2-Dichloroethane-d4
 Concen: 50.20 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	98120		
67	51.0	0.0	103.2	

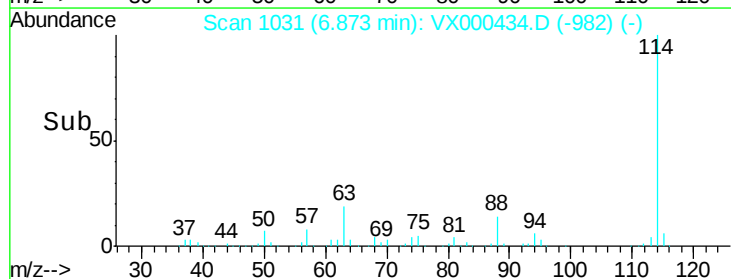
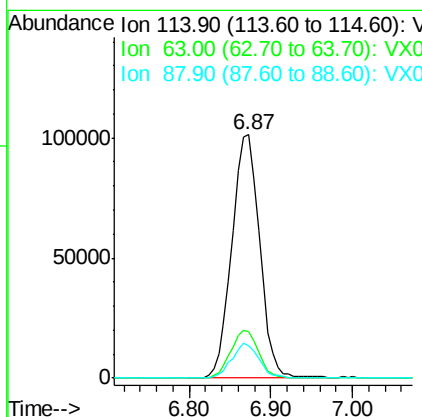
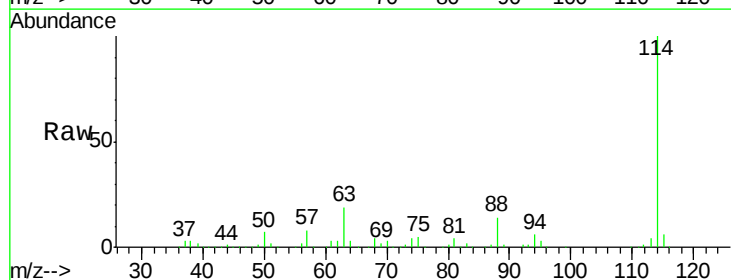
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	239196		
63	19.0	0.0	38.4	
88	13.5	0.0	27.0	





#35

Dibromofluoromethane

Concen: 51.34 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

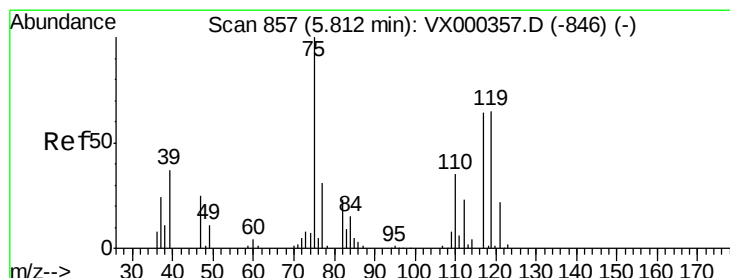
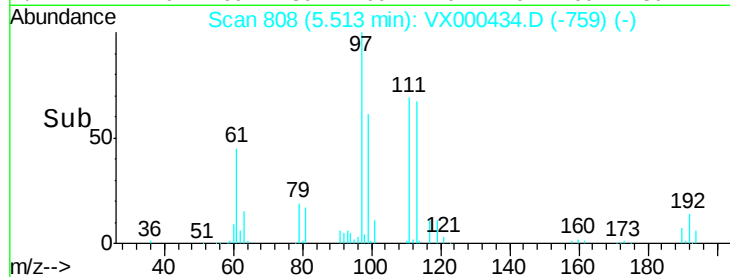
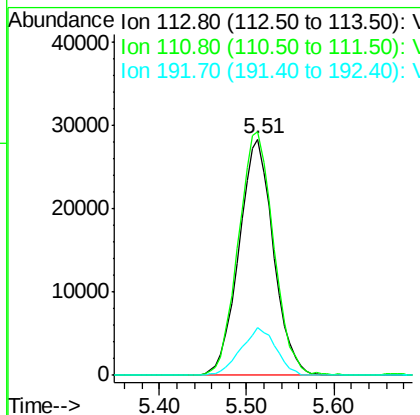
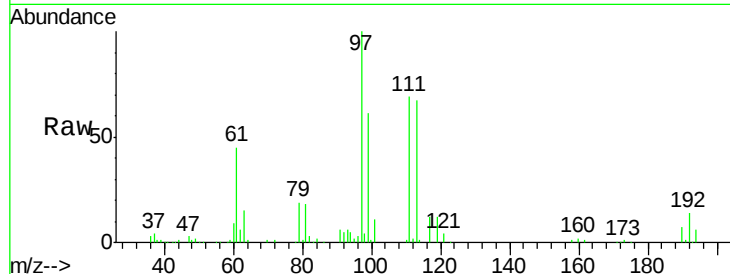
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	77374
Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.4	123.6
192	20.6	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.25 ug/l

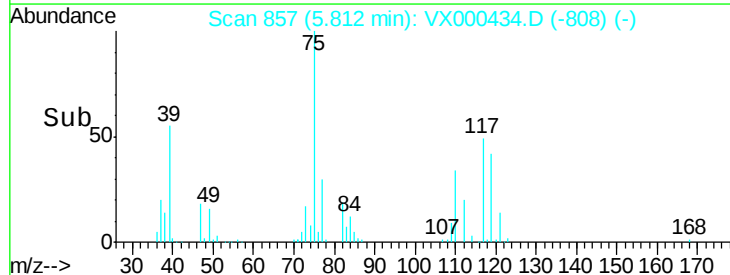
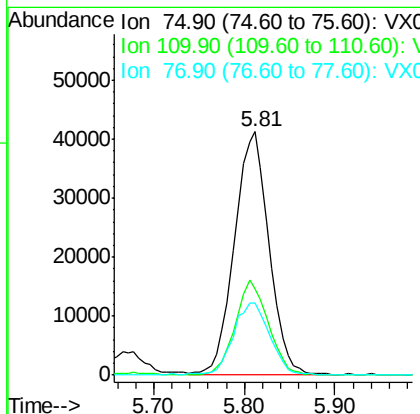
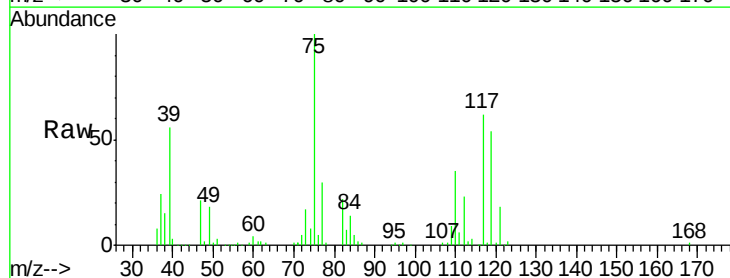
RT: 5.81 min Scan# 857

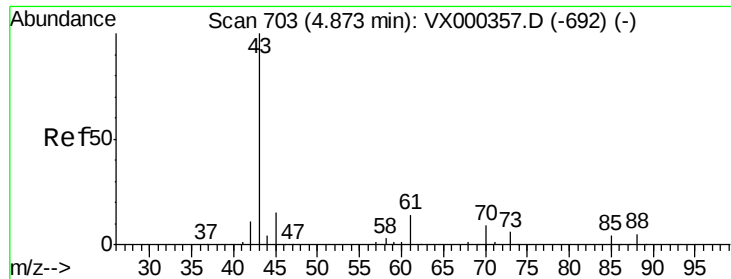
Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion:	75	Resp:	108110
Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.9	53.7
77	31.8	24.0	36.0





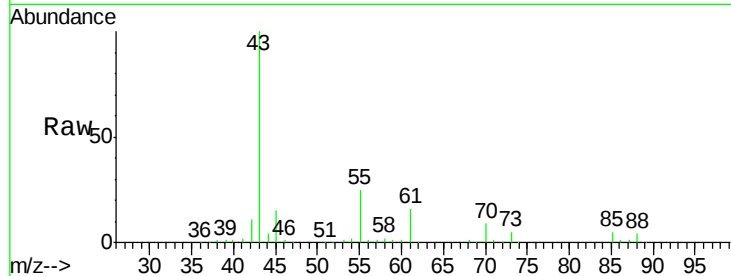
#37
Ethyl Acetate
Concen: 47.97 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	9.6	7.7	11.5

Manual Integrations
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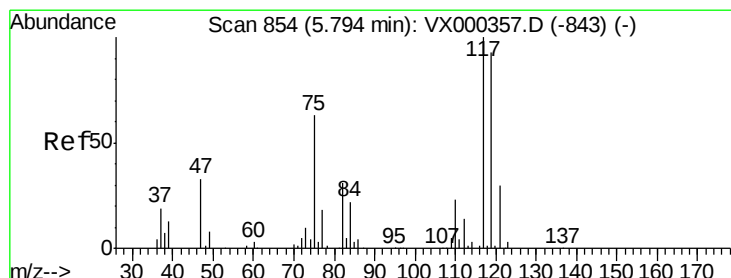
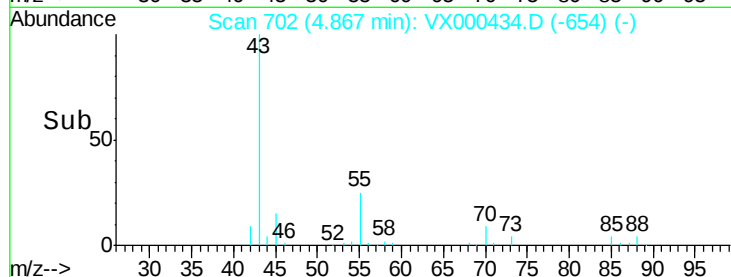
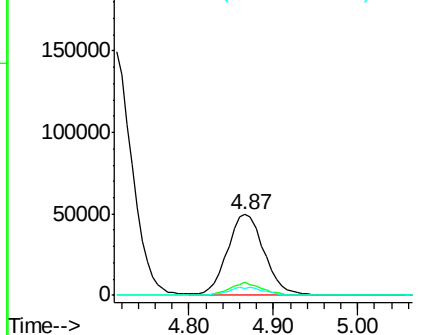


Abundance

Ion 43.00 (42.70 to 43.70): VX000434.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX000434.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX000434.D (-654) (-)



#38
Carbon Tetrachloride
Concen: 49.82 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

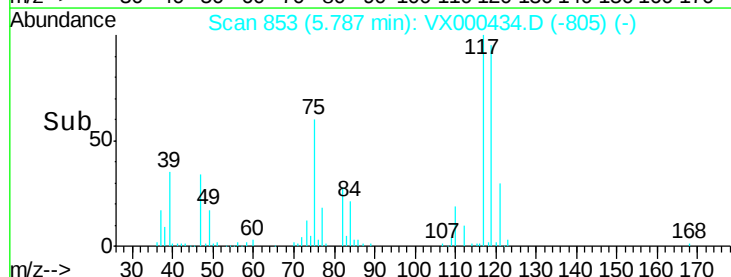
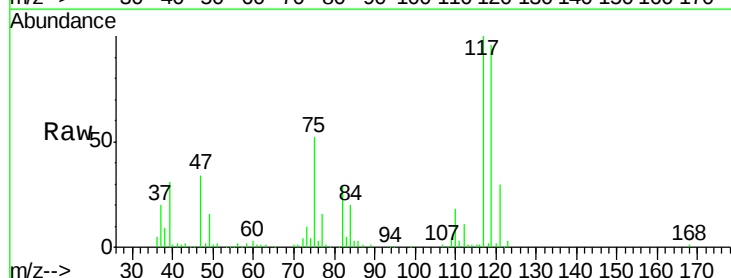
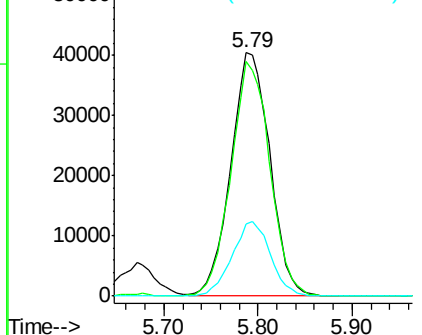
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
121	29.7	24.8	37.2

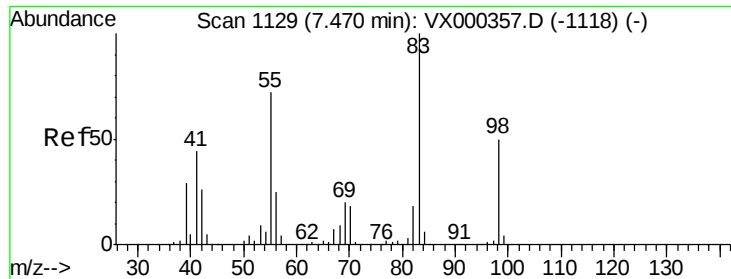
Abundance

Ion 116.80 (116.50 to 117.50): VX000434.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000434.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000434.D (-805) (-)





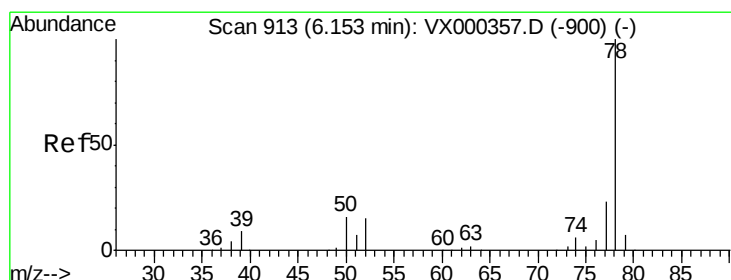
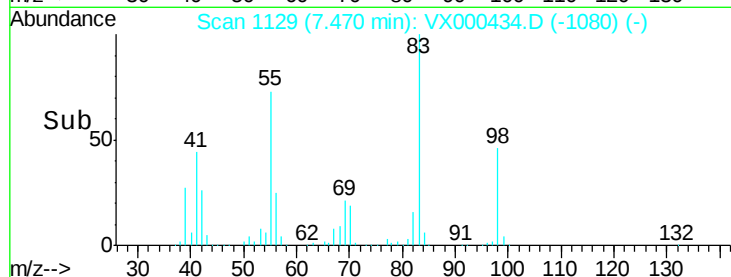
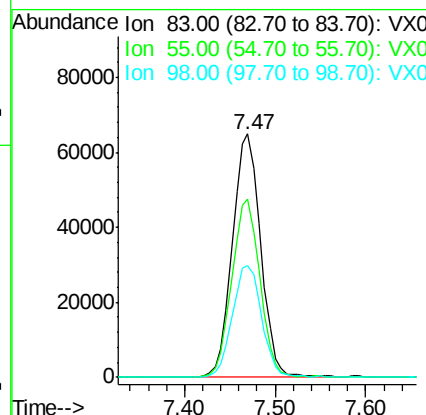
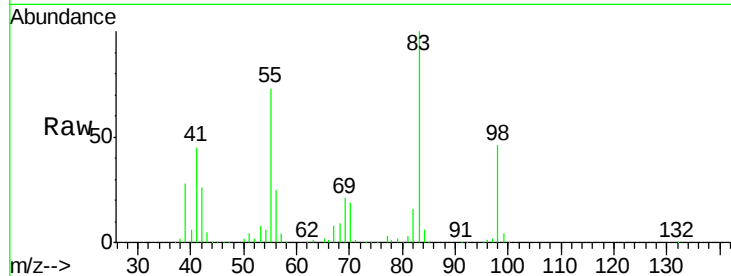
#39
Methvlcvclohexane
Concen: 51.71 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	55.5	83.3
98	45.9	38.2	57.4

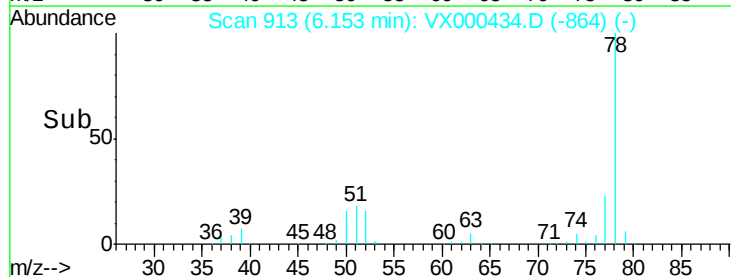
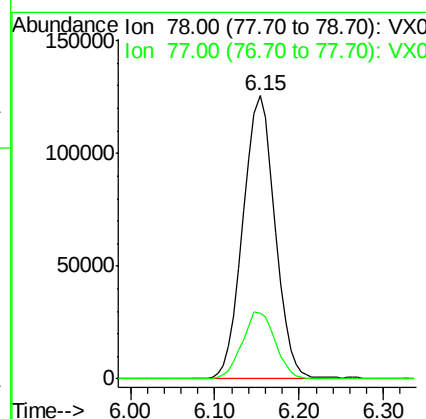
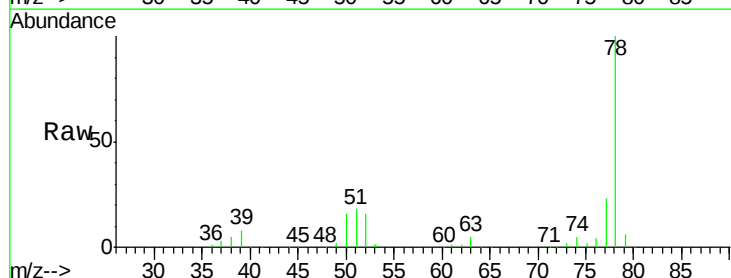
Manual Integrations
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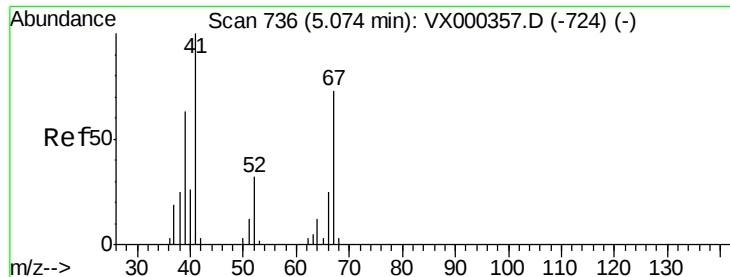
sam
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#40
Benzene
Concen: 49.74 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





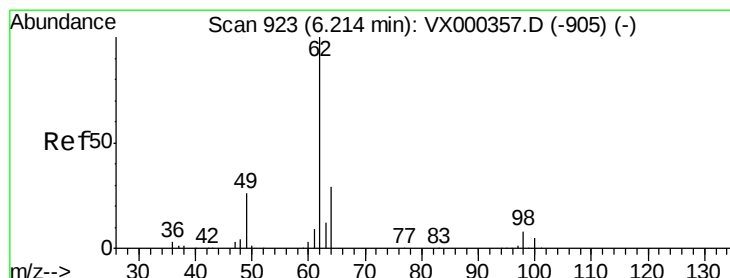
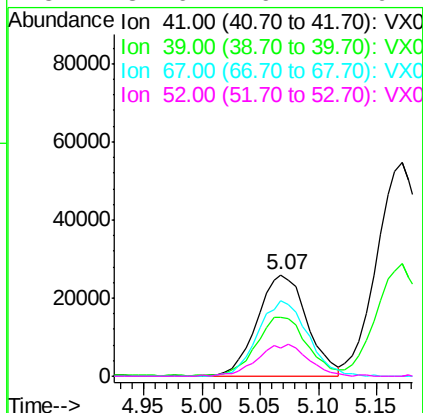
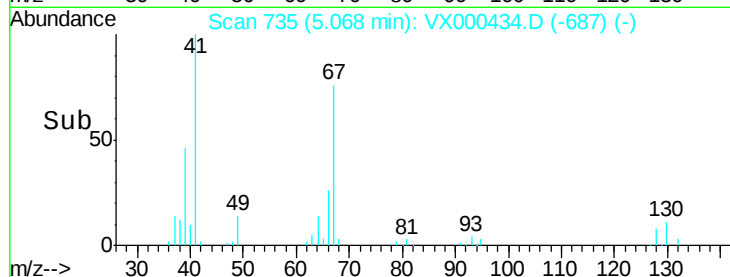
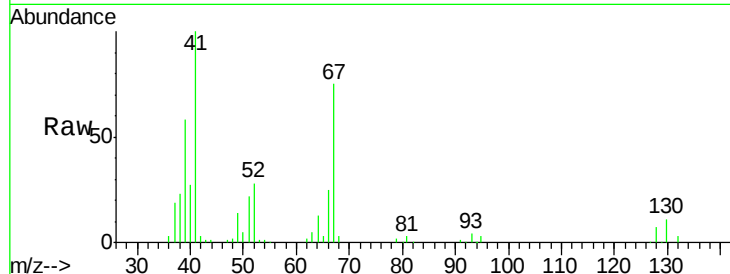
#41
Methacrylonitrile
Concen: 47.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.1	45.7	68.5	
67	75.5	57.8	86.8	
52	32.6	26.7	40.1	

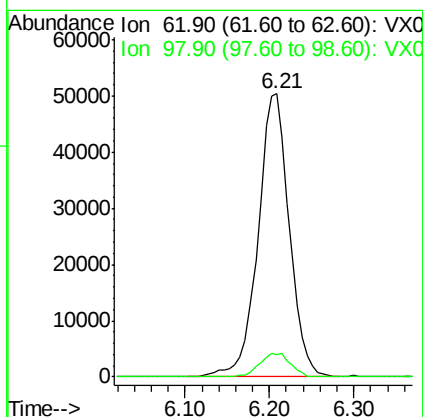
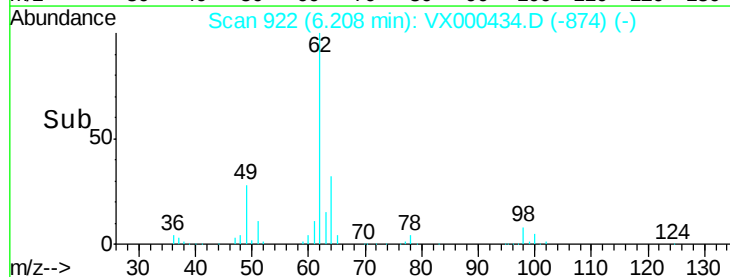
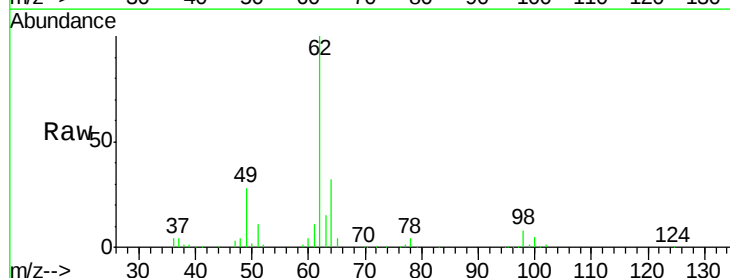
Manual Integrations
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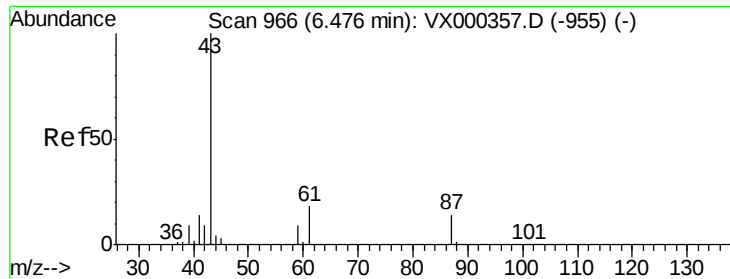
sam
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#42
1,2-Dichloroethane
Concen: 50.32 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	15.8	





#43

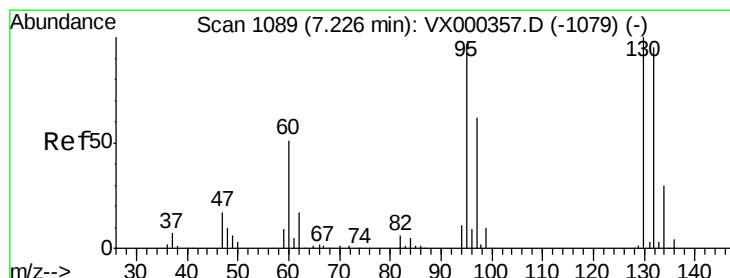
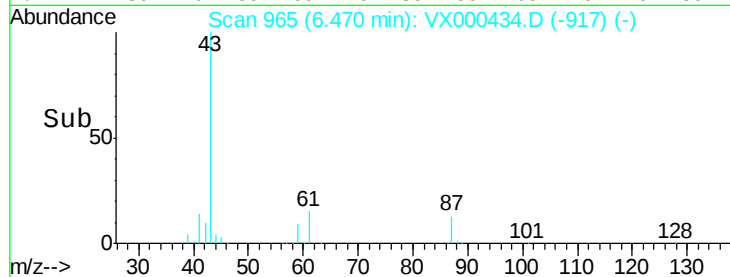
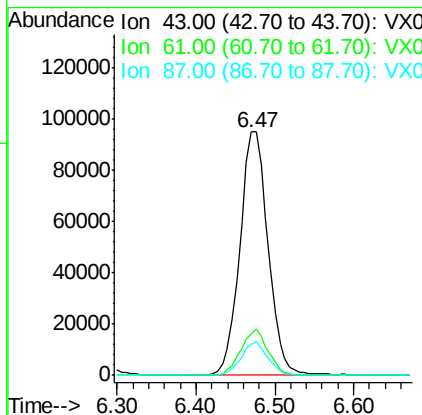
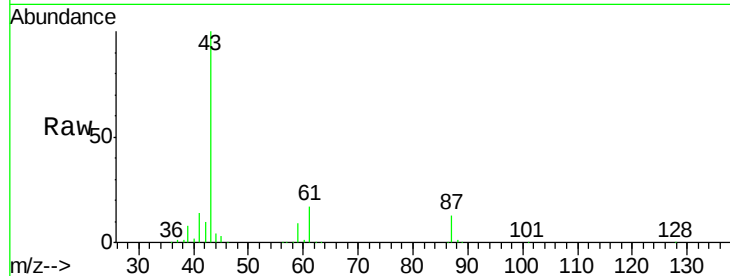
Isopropyl Acetate
 Concen: 52.00 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	13.0	11.0	16.4

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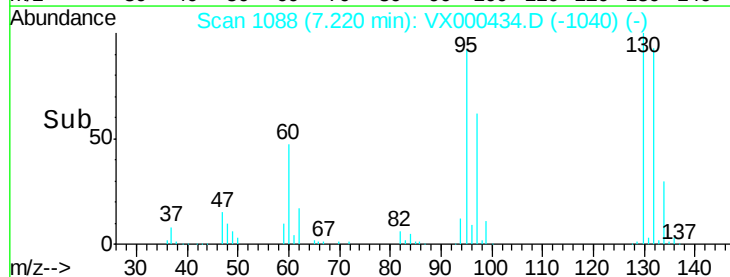
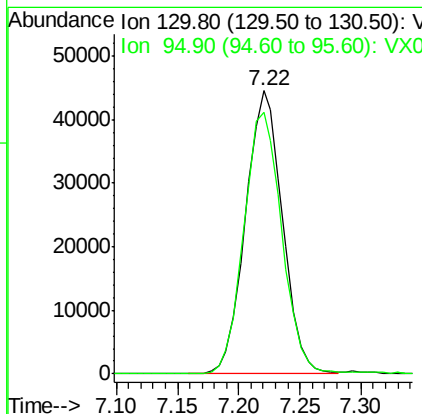
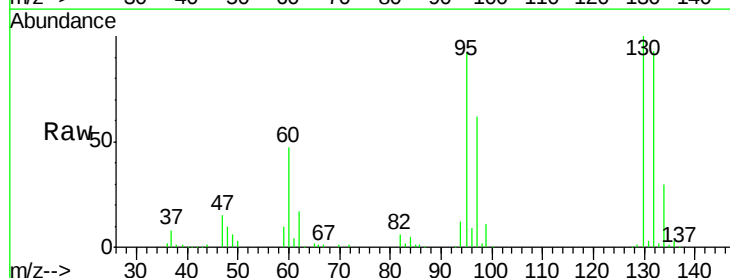
sam
 3/27/2018 5:23:48 PM



#44

Trichloroethene
 Concen: 50.20 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	186.0





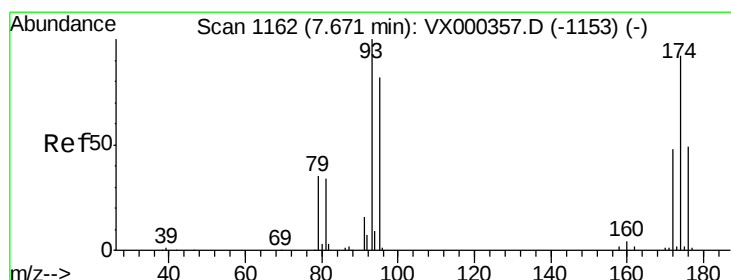
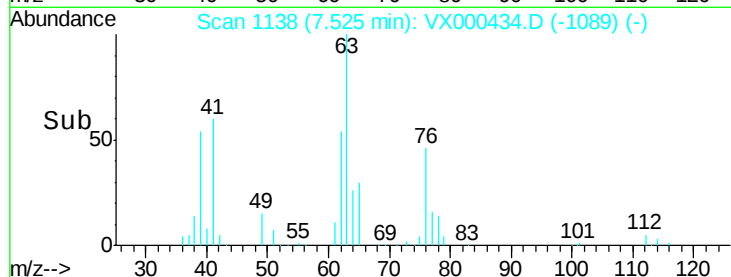
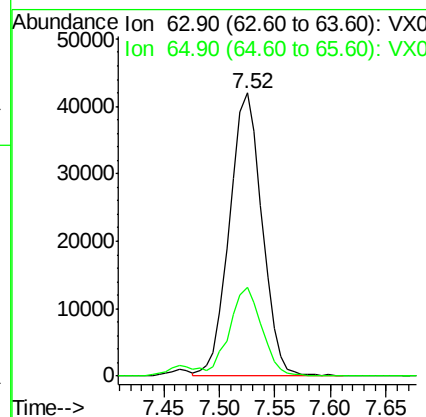
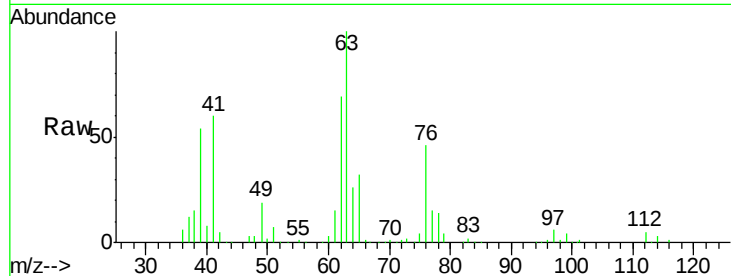
#45
 1,2-Dichloropropane
 Concen: 51.07 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 85051
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 36.8

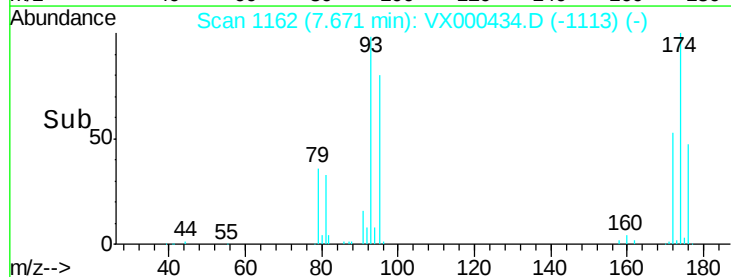
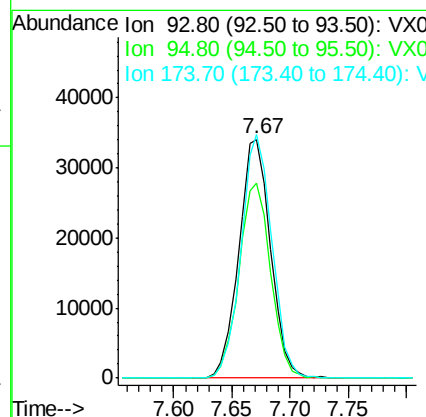
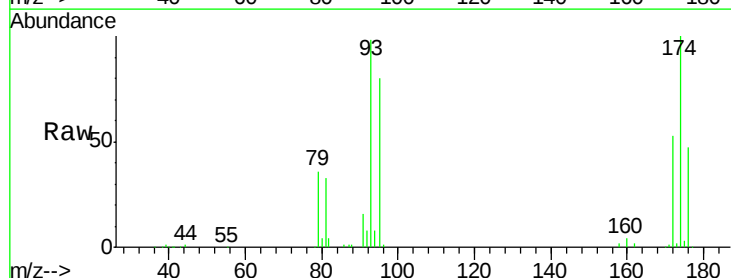
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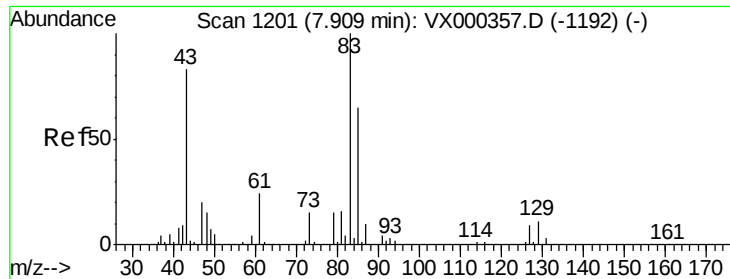
sam
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#46
 Dibromomethane
 Concen: 49.56 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 93 Resp: 64791
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.5 99.7
 174 99.0 76.0 114.0





#47

Bromodichloromethane

Concen: 54.66 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

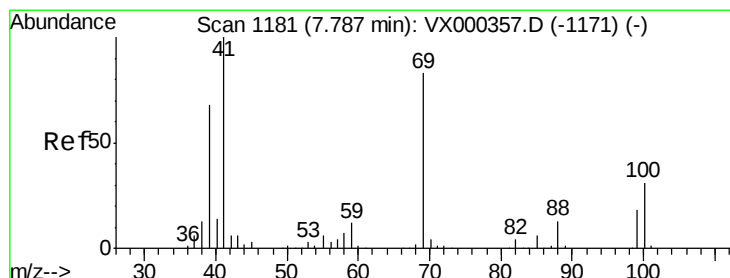
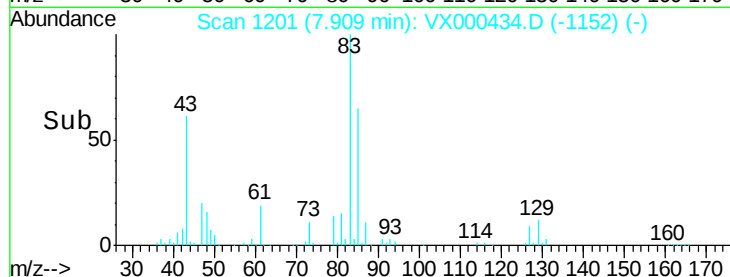
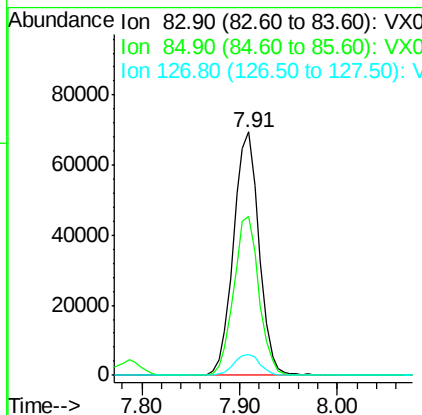
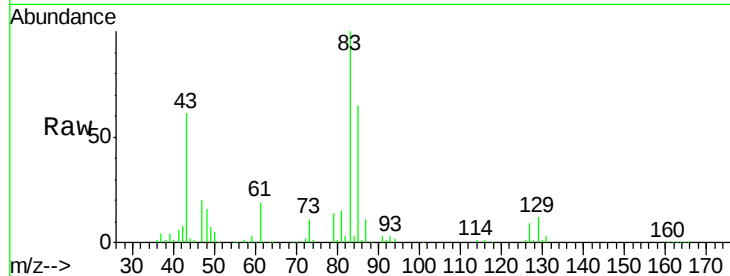
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	125718
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.4	77.0
127	8.5	7.0	10.6

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#48

Methyl methacrylate

Concen: 51.57 ug/l

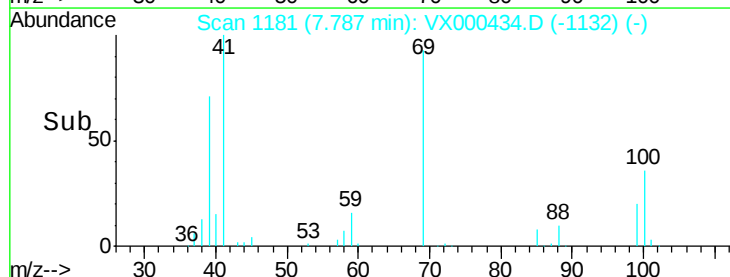
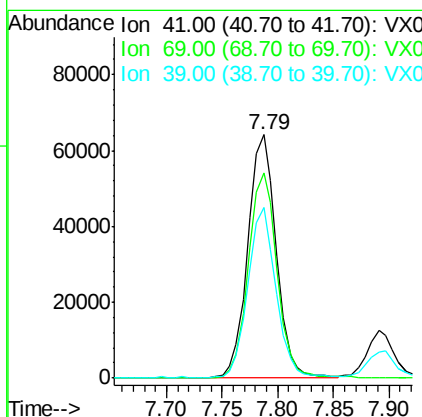
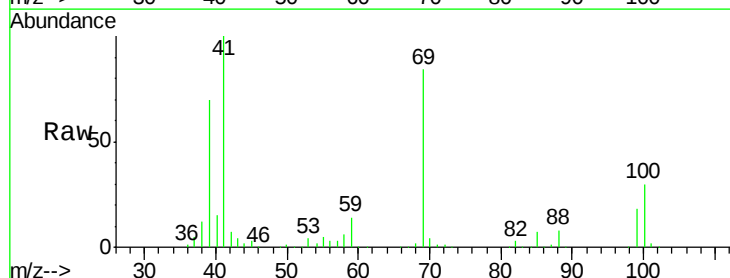
RT: 7.79 min Scan# 1181

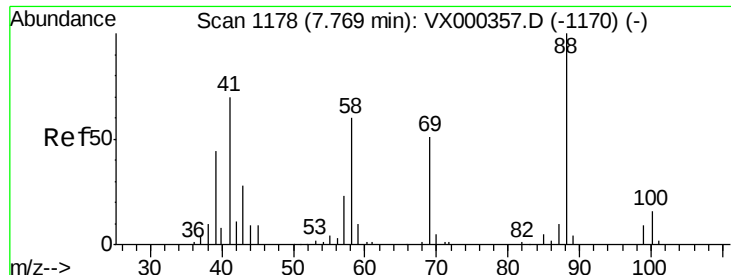
Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion:	41	Resp:	114060
Ion	Ratio	Lower	Upper
41	100		
69	85.6	68.2	102.4
39	68.5	54.6	81.8





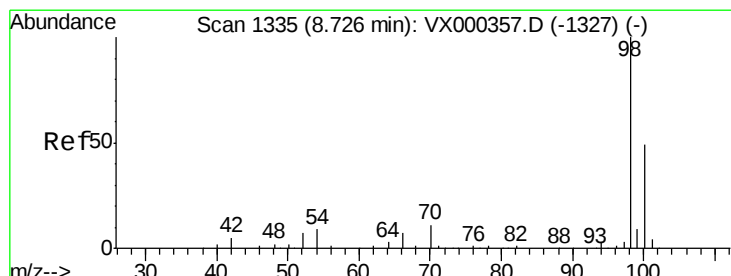
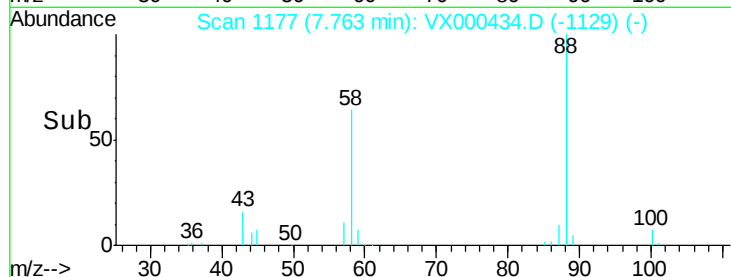
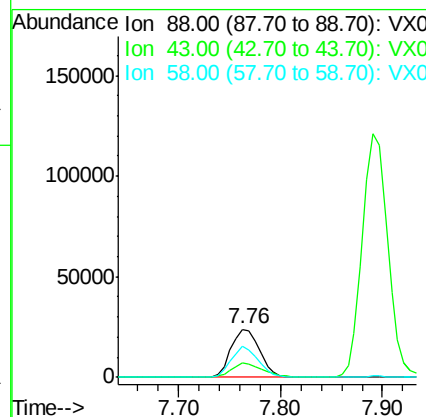
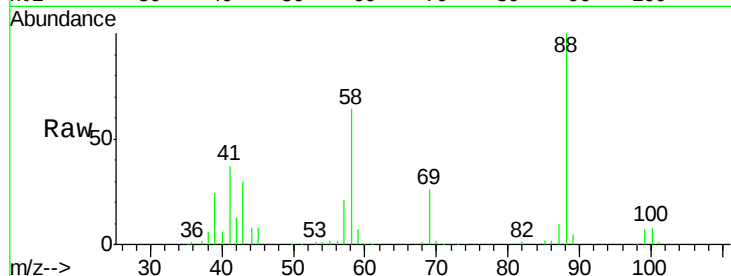
#49
1,4-Dioxane
Concen: 1008.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.8	40.2
58	61.7	52.2	78.2

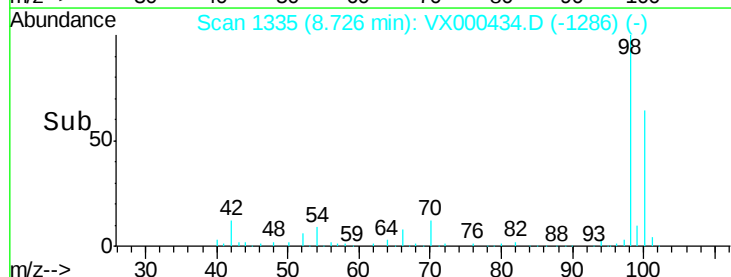
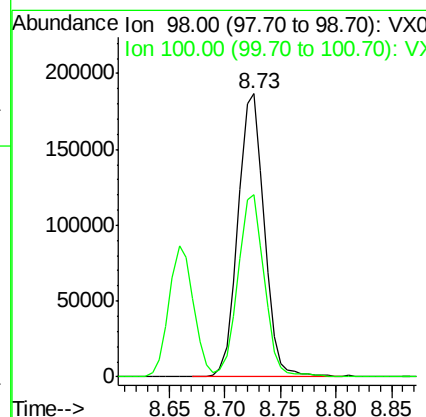
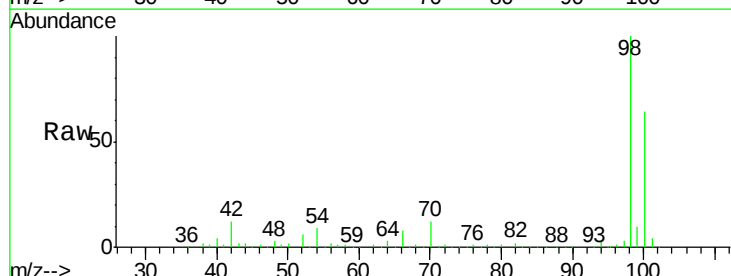
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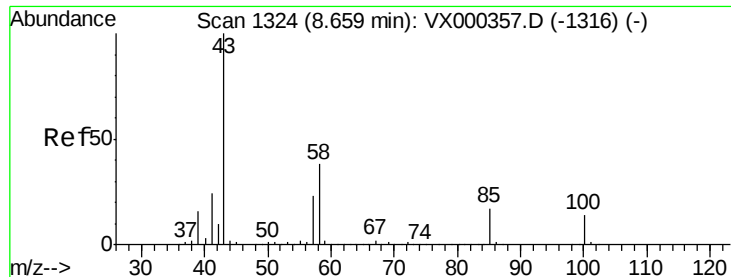
sam
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#50
Toluene-d8
Concen: 48.65 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 254.65 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 897987

Ion Ratio Lower Upper

43 100

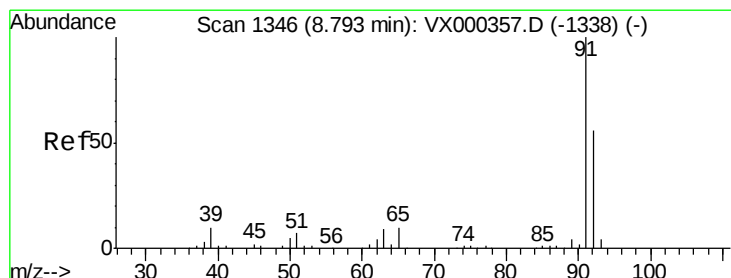
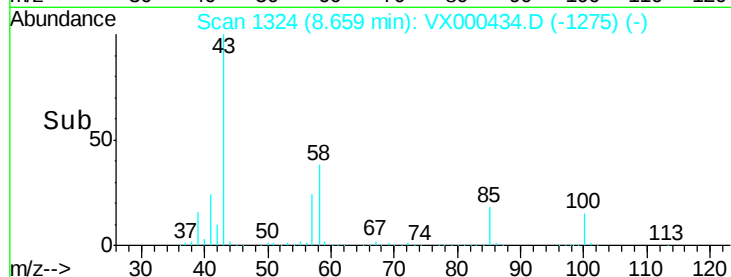
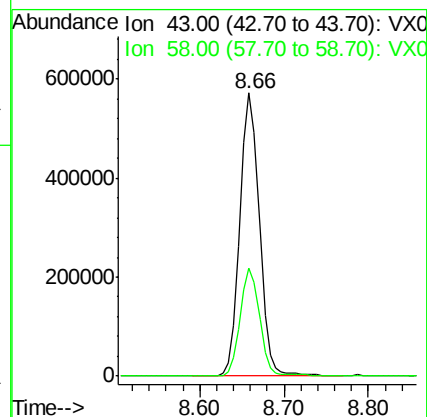
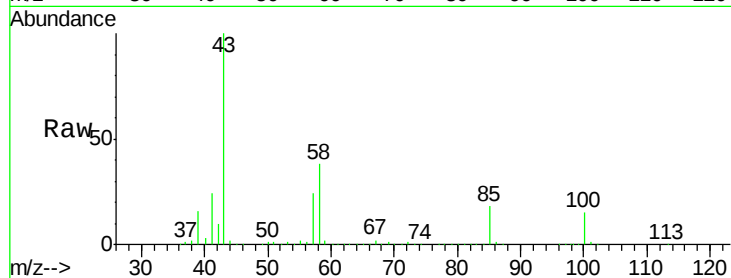
58 37.4 30.3 45.5

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#52

Toluene

Concen: 49.33 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000434.D

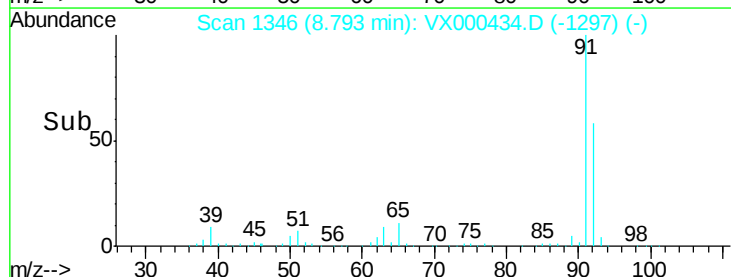
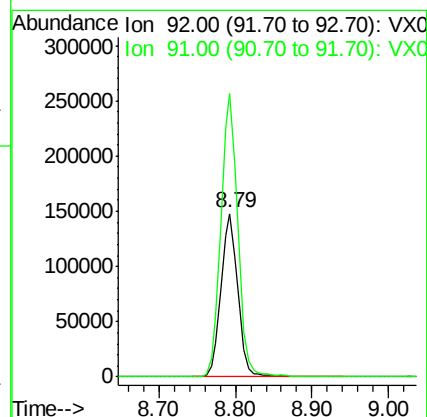
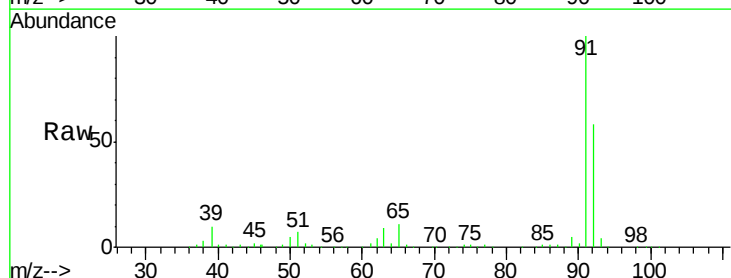
Acq: 26 Mar 2018 11:07

Tgt Ion: 92 Resp: 224386

Ion Ratio Lower Upper

92 100

91 174.6 140.2 210.2





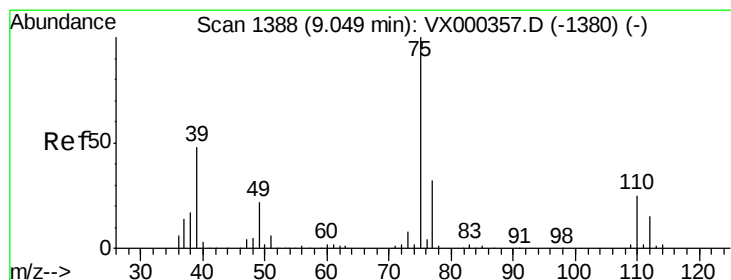
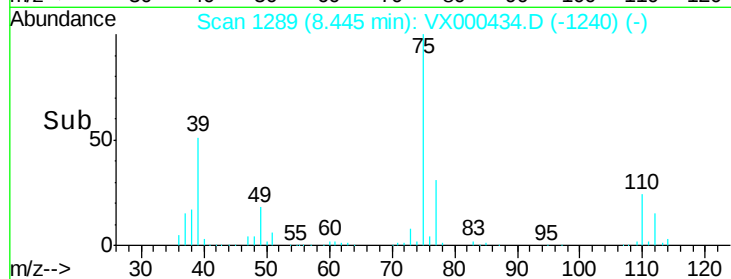
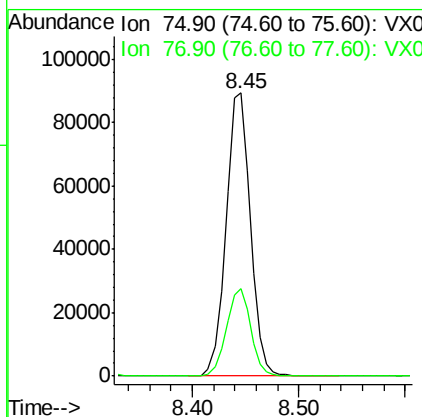
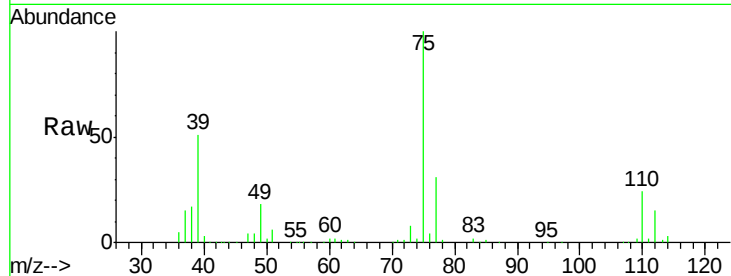
#53
 t-1,3-Dichloropropene
 Concen: 53.68 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 143080
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.0 36.0

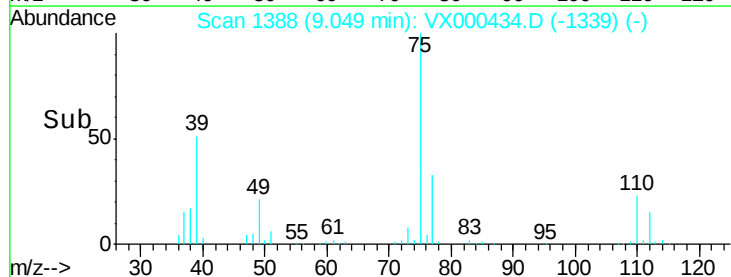
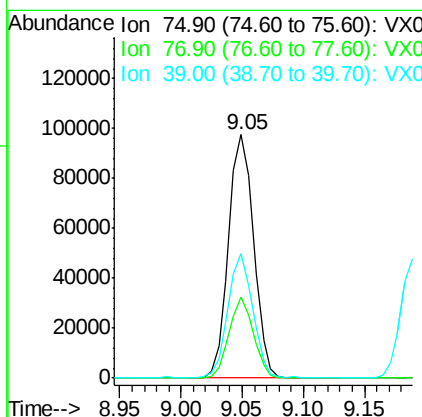
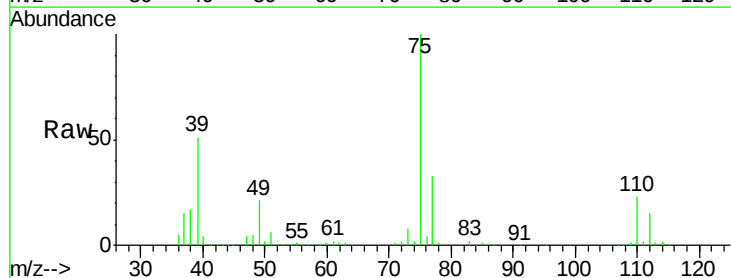
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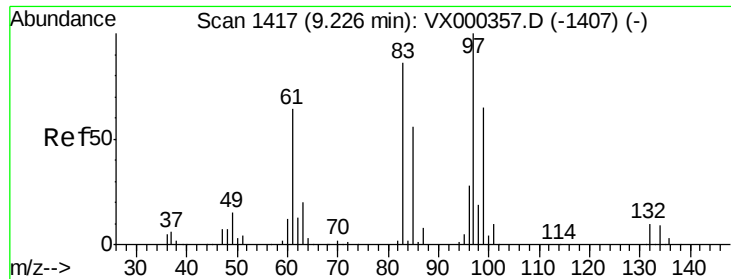
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 53.69 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 75 Resp: 138799
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.1 39.1
 39 50.7 39.8 59.6





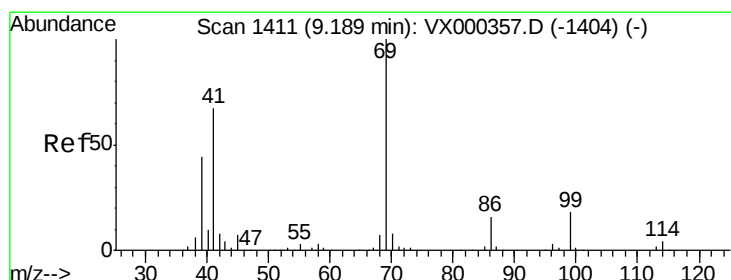
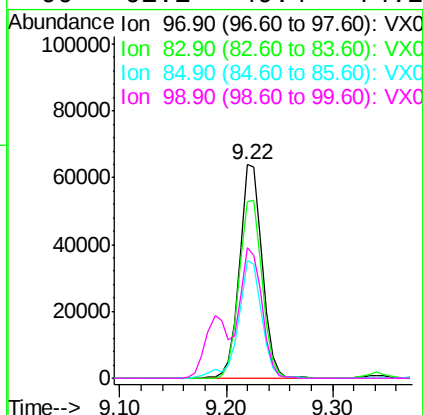
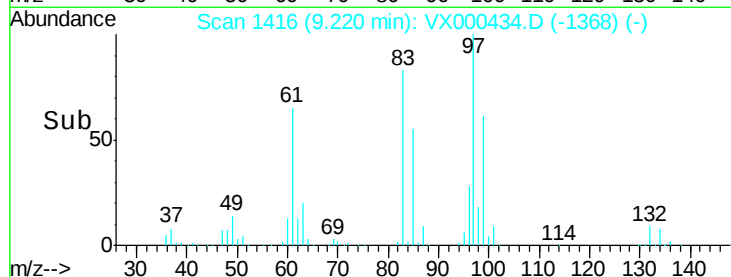
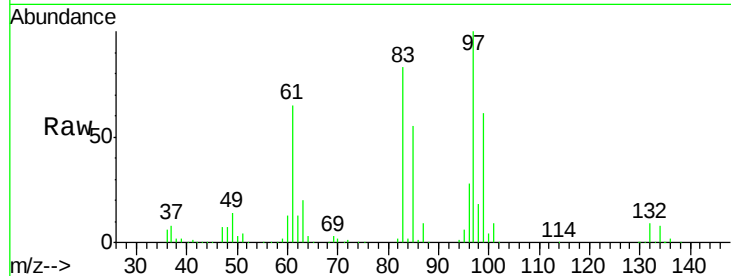
#55
 1,1,2-Trichloroethane
 Concen: 51.30 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	95960
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.9	101.9
85	55.3	42.8	64.2
99	61.1	49.4	74.2

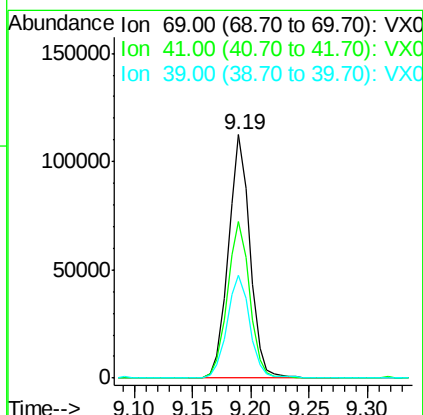
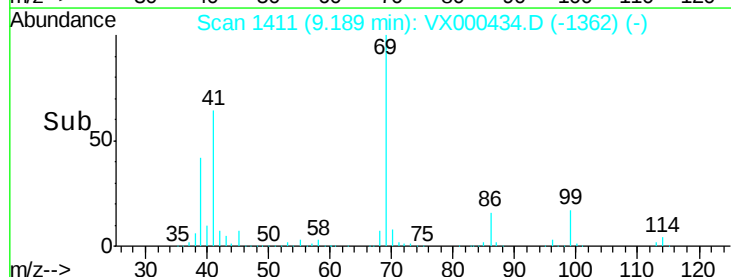
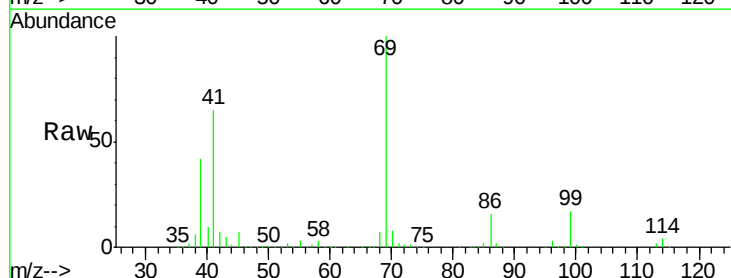
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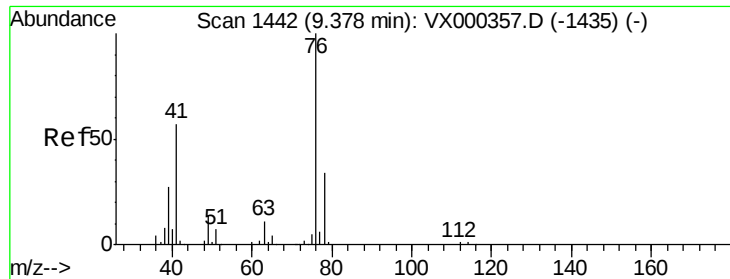
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#56
 Ethyl methacrylate
 Concen: 51.16 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion:	69	Resp:	145026
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.0	79.6
39	44.3	35.3	52.9





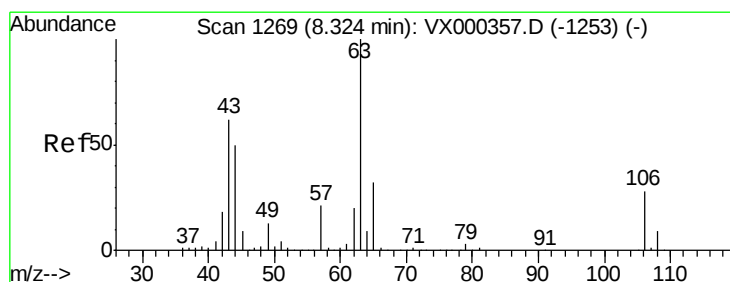
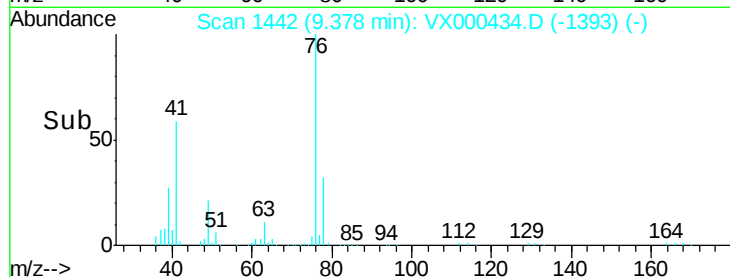
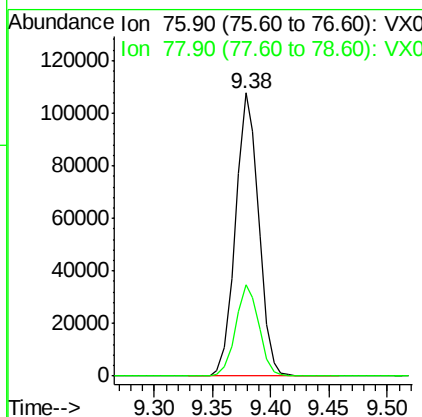
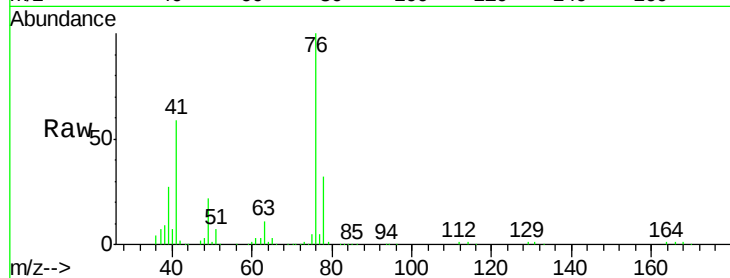
#57
 1,3-Dichloropropane
 Concen: 50.15 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 150041
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6

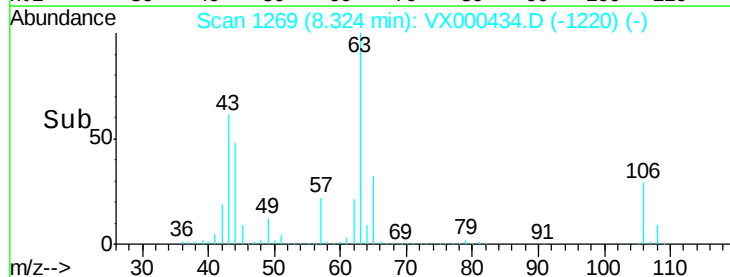
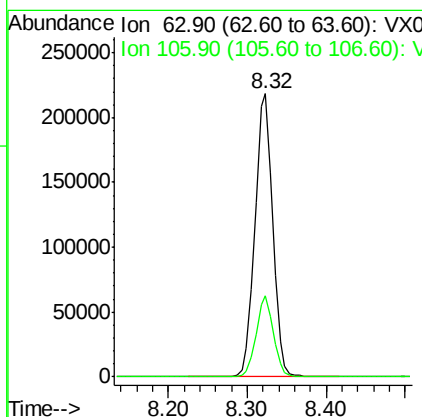
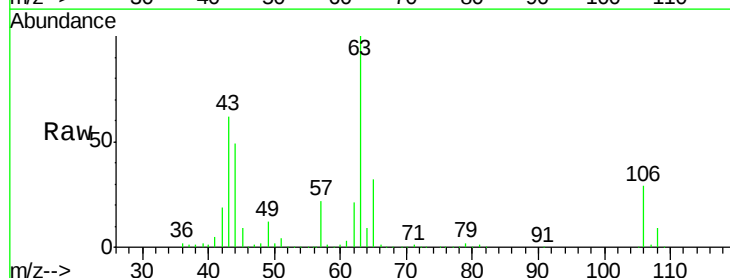
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.56 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion: 63 Resp: 343586
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8





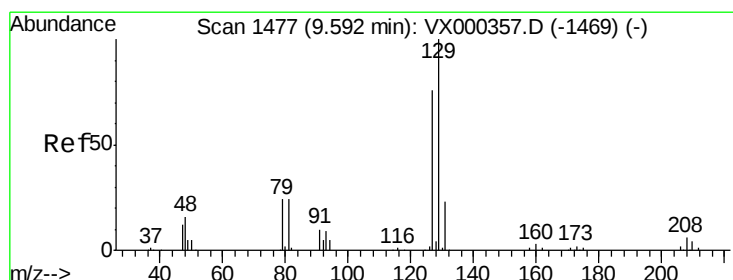
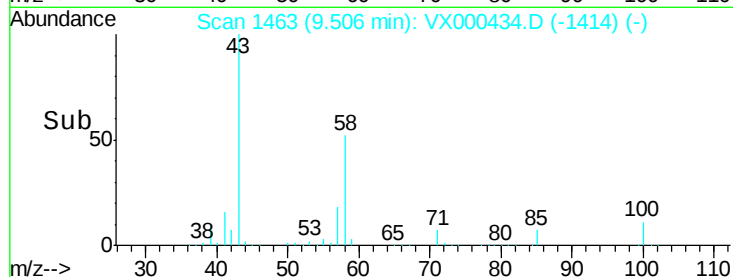
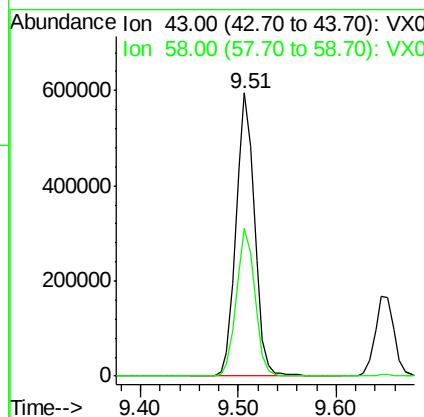
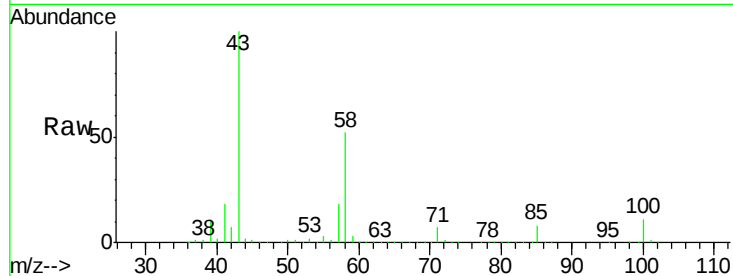
#59
2-Hexanone
Concen: 261.94 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 784310
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7

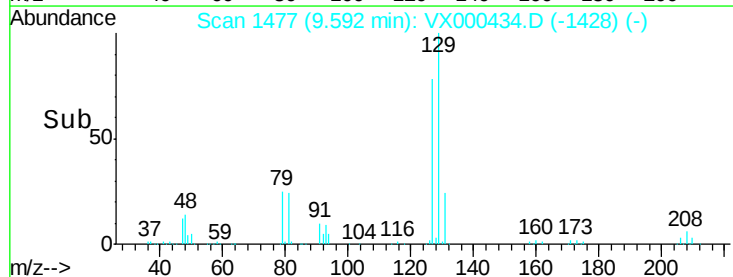
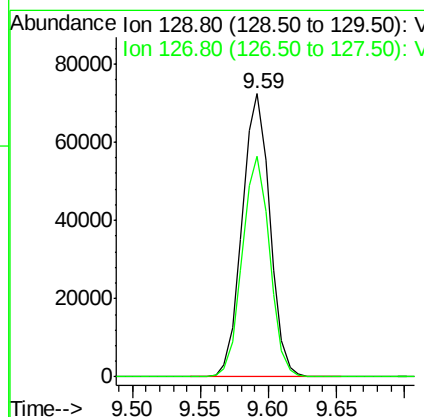
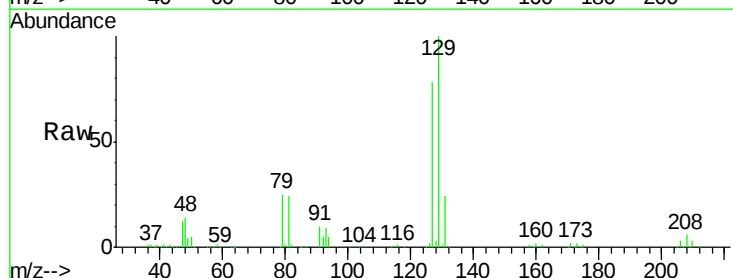
Manual Integrations
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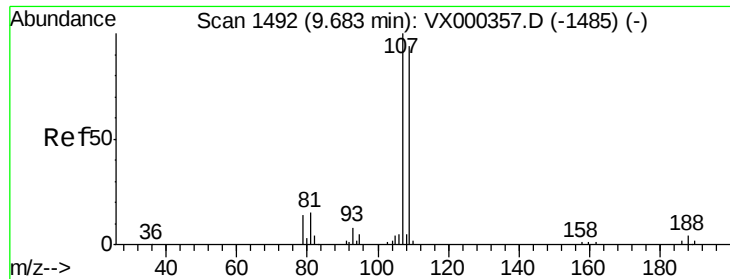
sam
3/27/2018 5:23:48 PM



#60
Dibromochloromethane
Concen: 46.90 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion: 129 Resp: 103214
Ion Ratio Lower Upper
129 100
127 77.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 51.02 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 102346

Ion Ratio Lower Upper

107 100

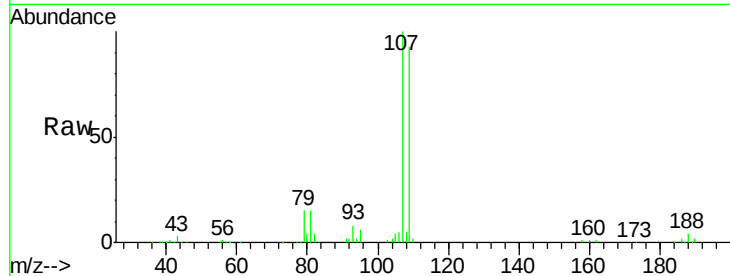
109 93.9 76.1 114.1

Manual Integrations

APPROVED

sam

3/27/2018 5:23:48 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

80000

60000

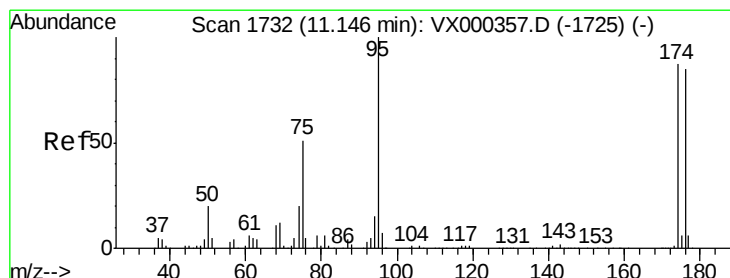
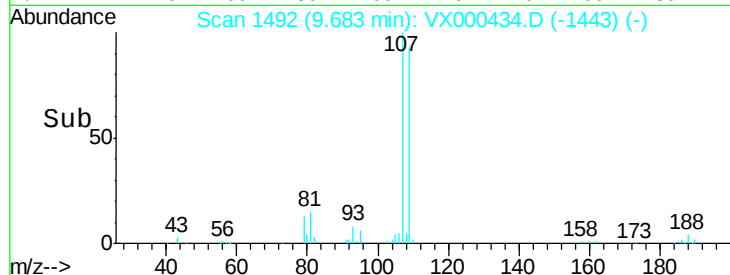
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.58 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

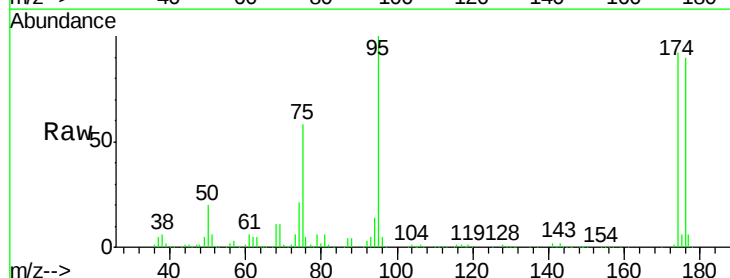
Tgt Ion: 95 Resp: 121594

Ion Ratio Lower Upper

95 100

174 90.1 0.0 173.6

176 86.4 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

120000

100000

80000

60000

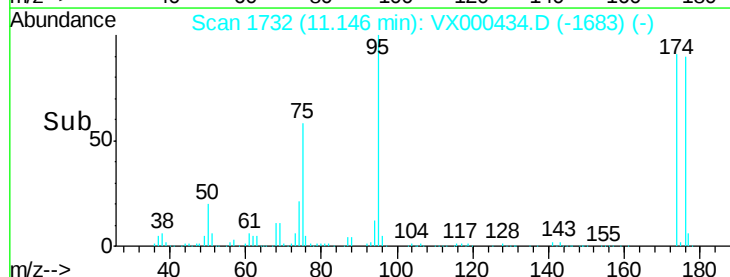
40000

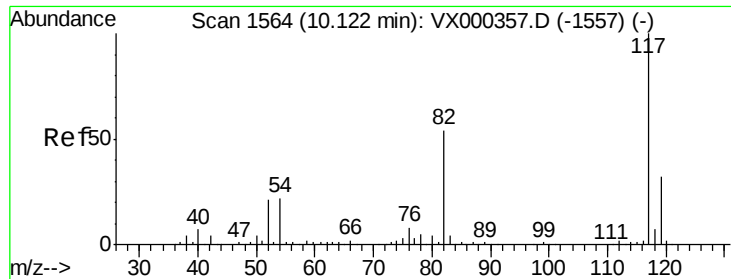
20000

0

Time-->

11.10 11.15 11.20





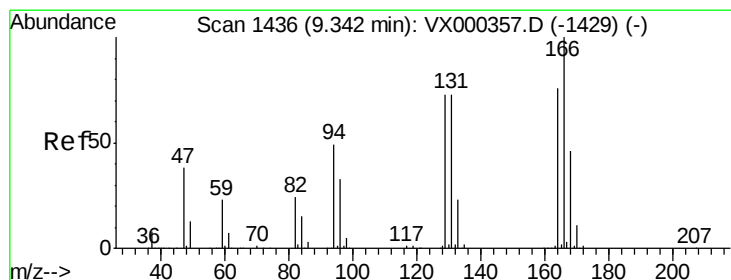
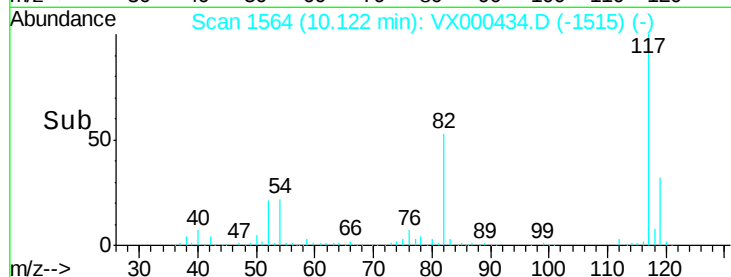
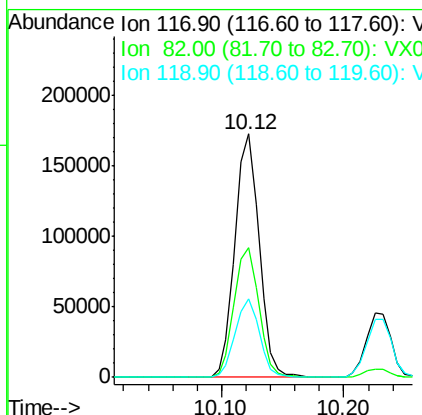
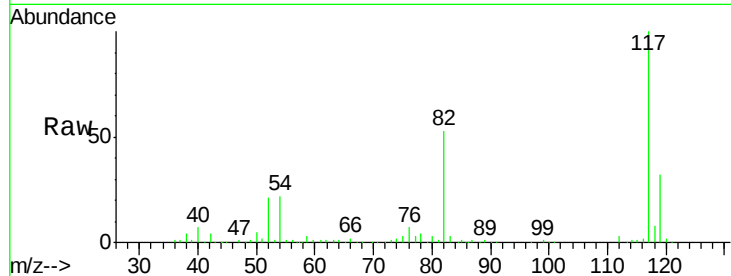
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	32.3	24.9	37.3

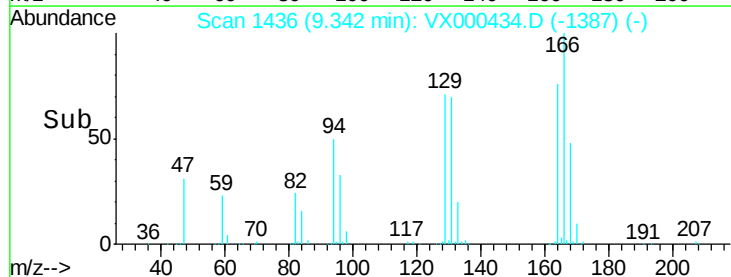
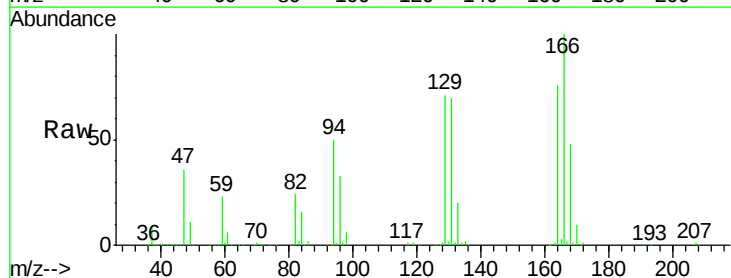
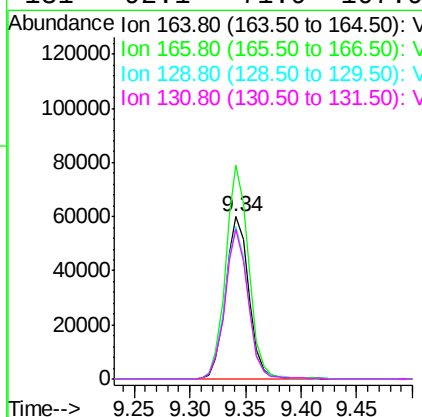
Manual Integrations
APPROVED

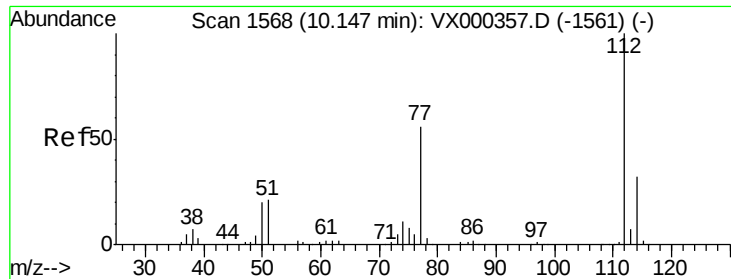
sam
3/27/2018 5:23:48 PM



#64
Tetrachloroethene
Concen: 47.25 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	101.0	151.6
129	94.0	79.0	118.4
131	92.1	71.9	107.9





#65

Chlorobenzene

Concen: 50.04 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 264364

Ion Ratio Lower Upper

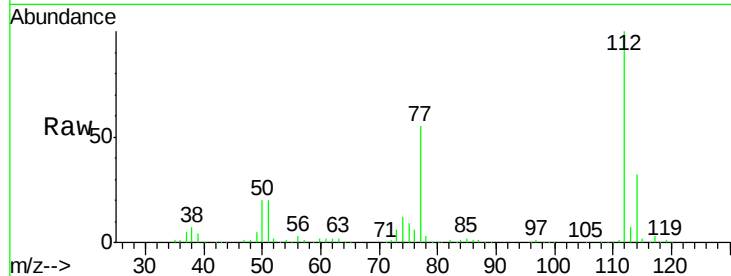
112 100

114 31.8 25.7 38.5

Manual Integrations
APPROVED

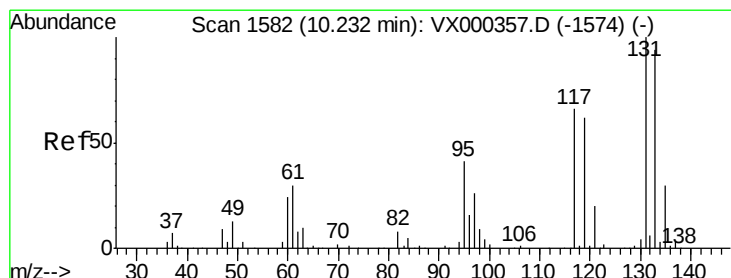
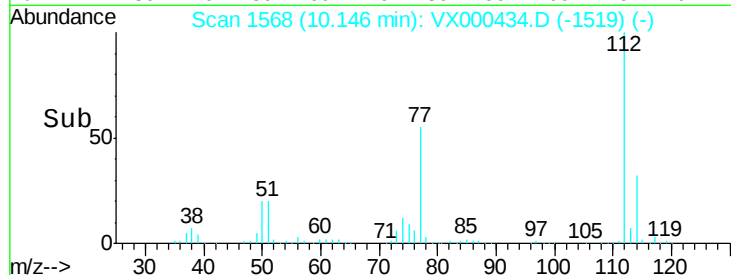
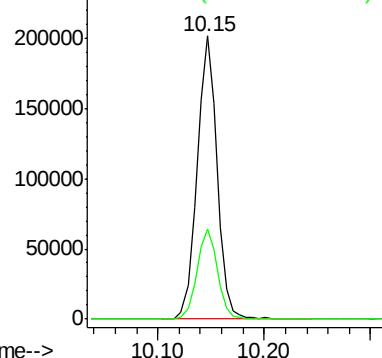
sam

3/27/2018 5:23:48 PM



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: 52.14 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

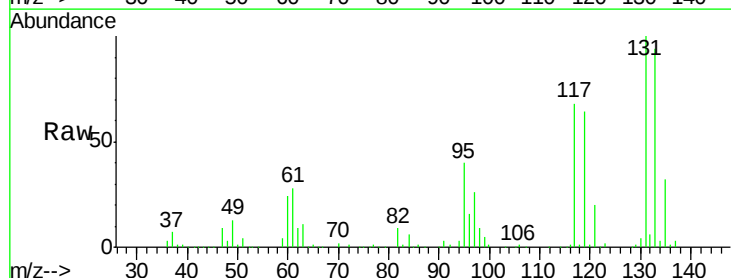
Tgt Ion:131 Resp: 93556

Ion Ratio Lower Upper

131 100

133 92.6 47.1 141.3

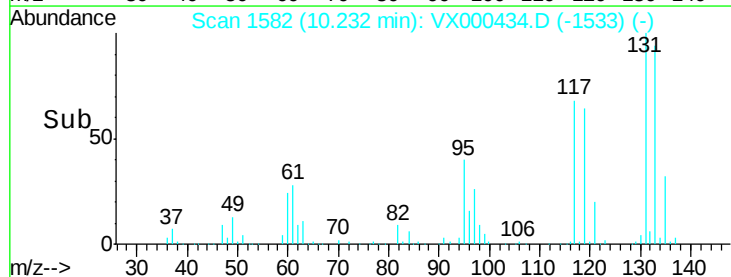
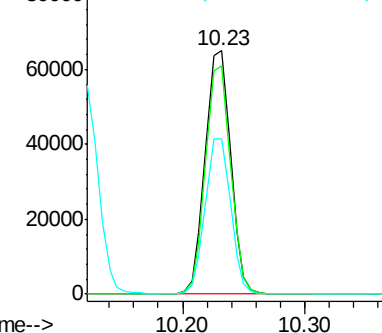
119 64.3 33.1 99.2

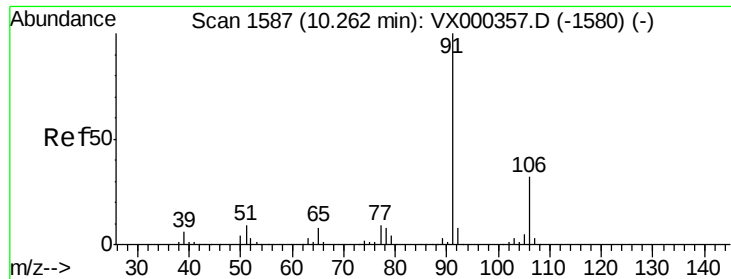


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.57 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 461918

Ion Ratio Lower Upper

91 100

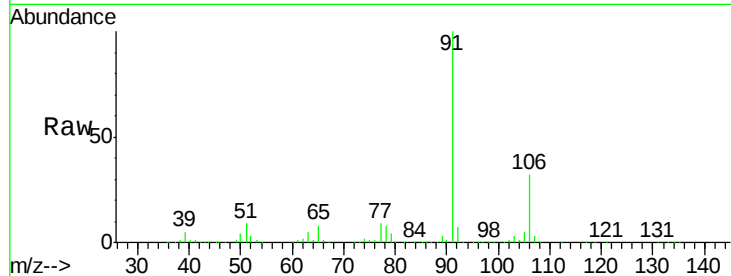
106 32.4 25.0 37.6

Manual Integrations

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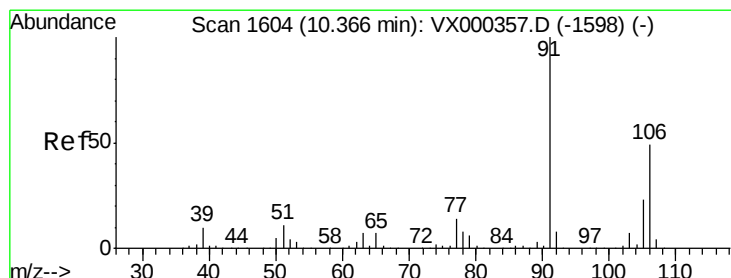
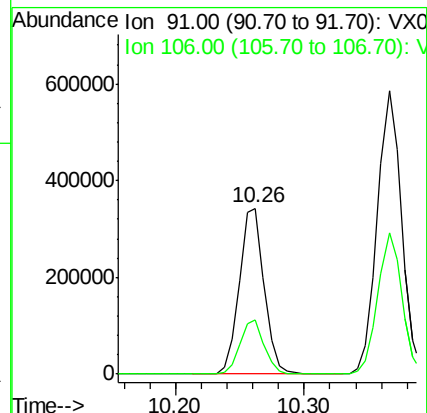
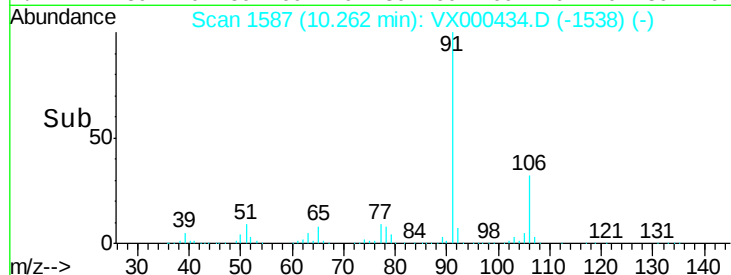
sam

3/27/2018 5:23:48 PM



Abundance Ion 91.00 (90.70 to 91.70): VX000434.D (-1538) (-)

Ion 106.00 (105.70 to 106.70): VX000434.D (-1538) (-)



#68

m/p-Xylenes

Concen: 107.04 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000434.D

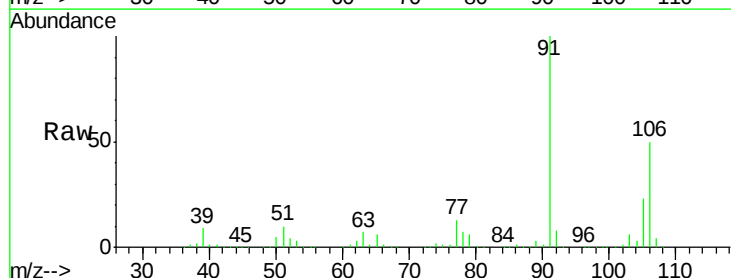
Acq: 26 Mar 2018 11:07

Tgt Ion: 106 Resp: 377258

Ion Ratio Lower Upper

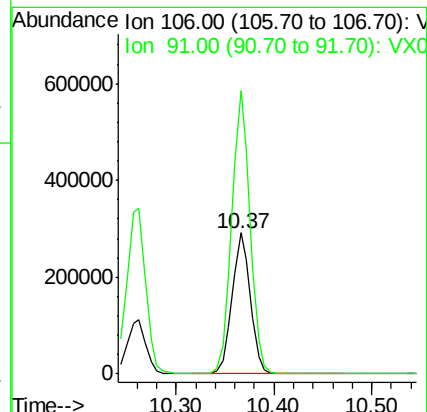
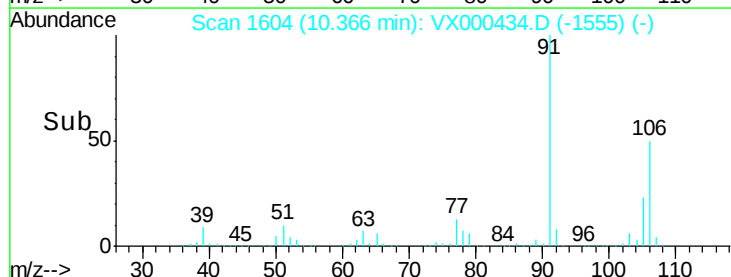
106 100

91 200.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX000434.D (-1555) (-)

Ion 91.00 (90.70 to 91.70): VX000434.D (-1555) (-)





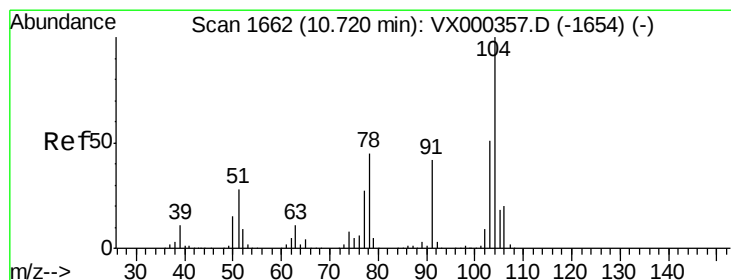
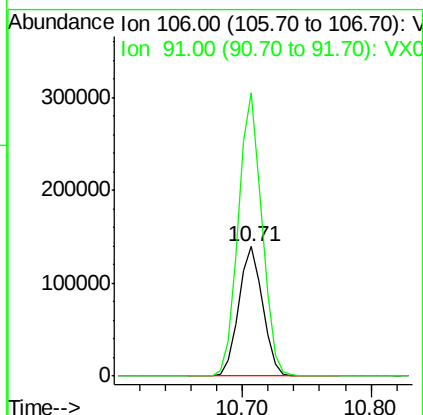
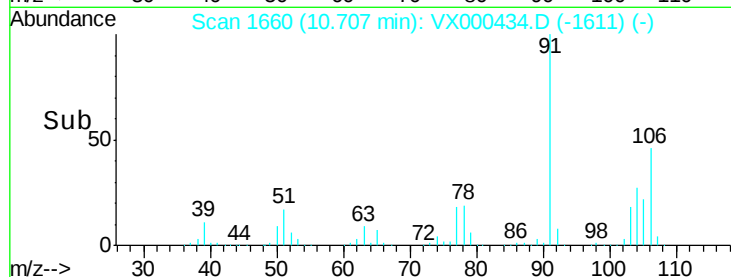
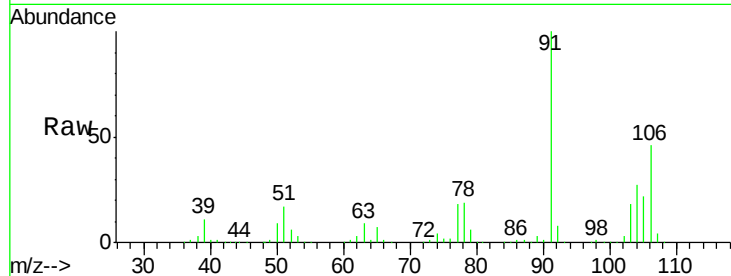
#69
o-Xylene
Concen: 52.67 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 179727
Ion Ratio Lower Upper
106 100
91 215.8 106.5 319.6

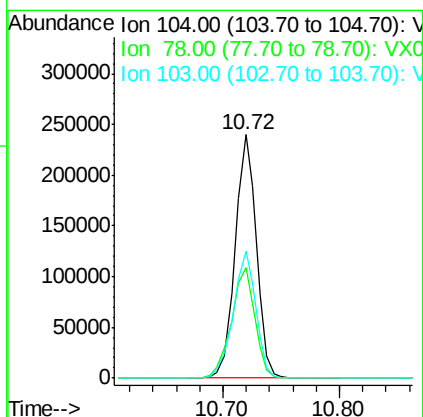
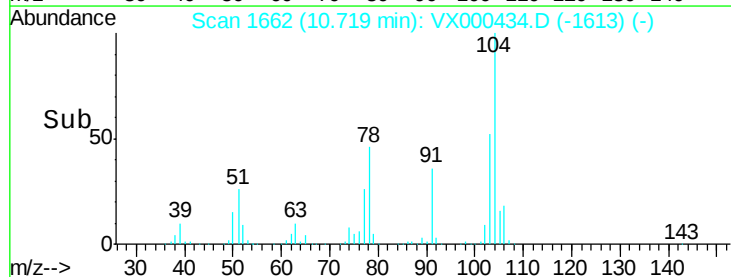
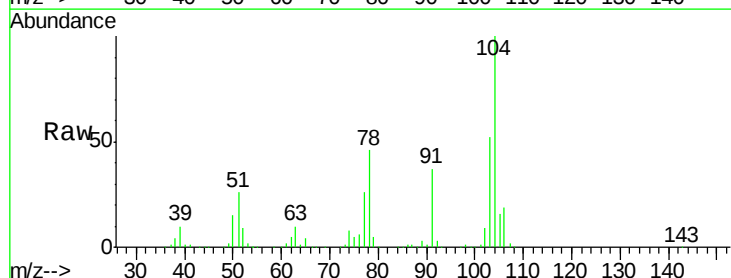
Manual Integrations
APPROVED

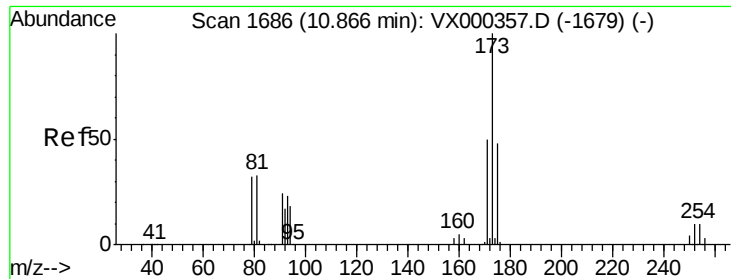
sam
3/27/2018 5:23:48 PM



#70
Styrene
Concen: 54.00 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion:104 Resp: 304897
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 55.9 45.7 68.5





#71

Bromoform

Concen: 46.64 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 86542

Ion Ratio Lower Upper

173 100

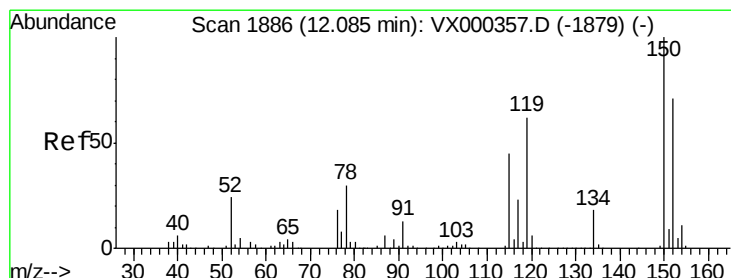
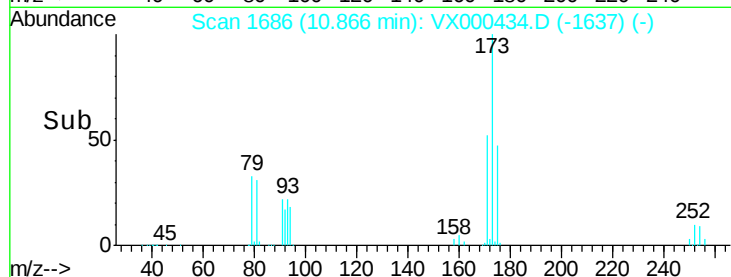
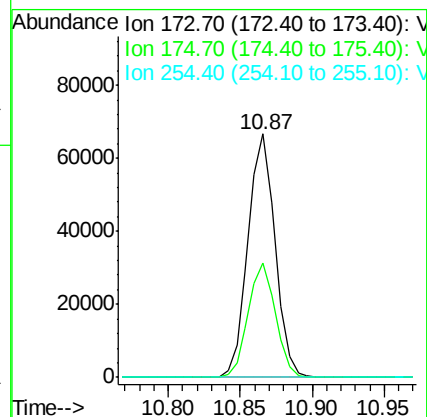
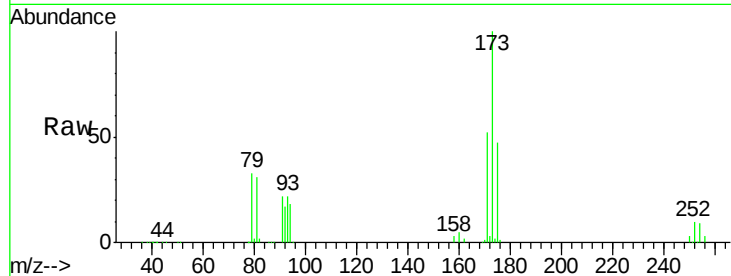
175 47.3 25.4 76.4

254 0.0 0.0 0.0#

Manual Integrations
APPROVED

sam

3/27/2018 5:23:48 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

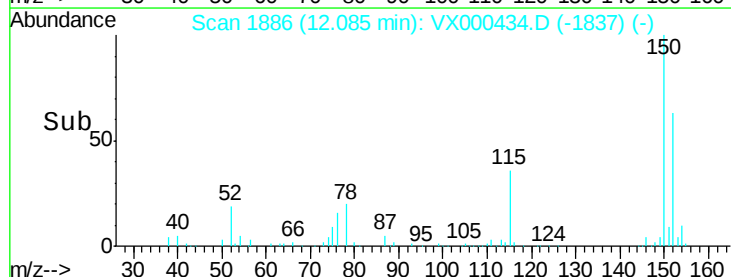
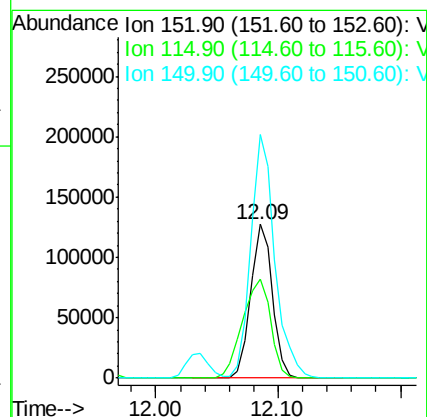
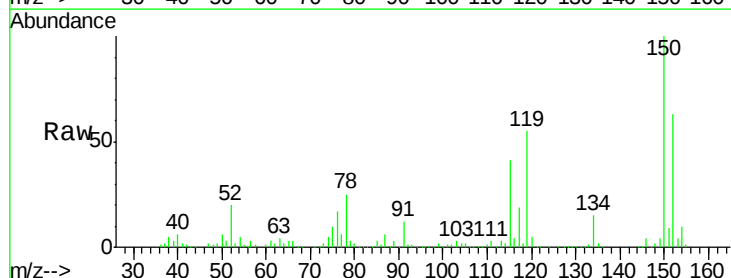
Tgt Ion:152 Resp: 157265

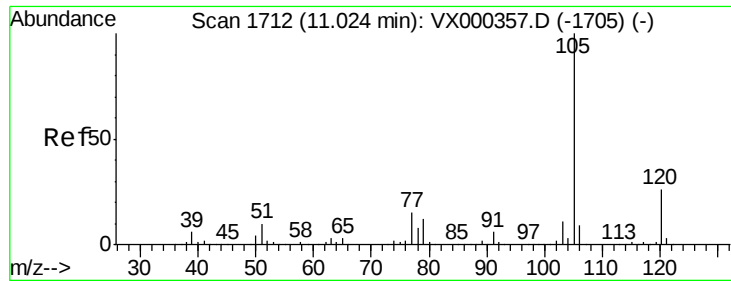
Ion Ratio Lower Upper

152 100

115 83.0 39.8 119.3

150 175.4 0.0 344.4





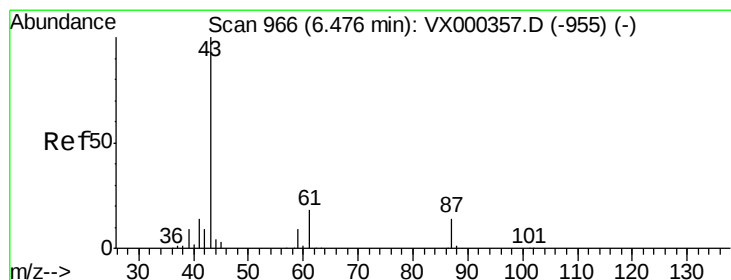
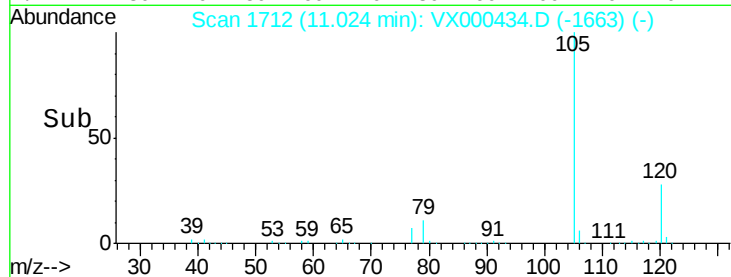
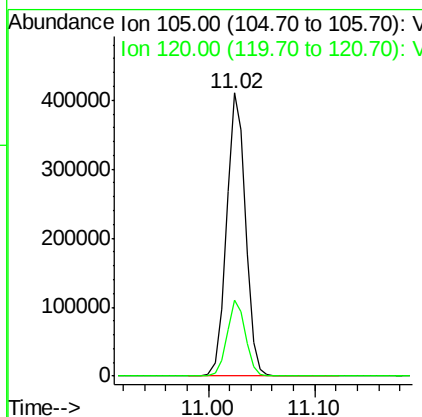
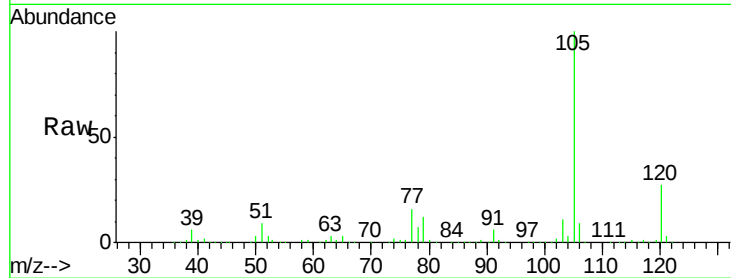
#73
Isopropylbenzene
Concen: 49.08 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.6	40.7

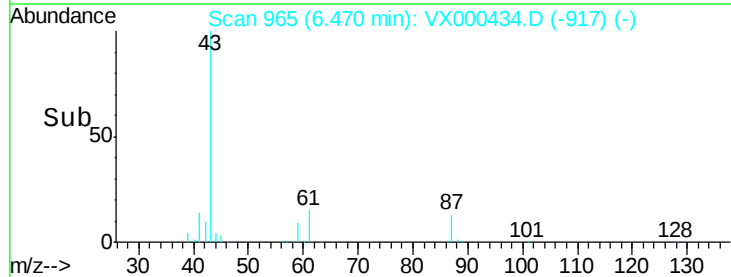
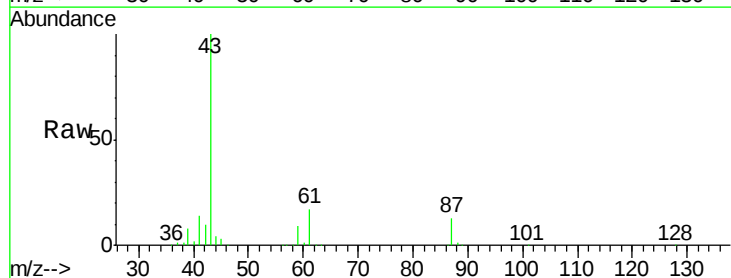
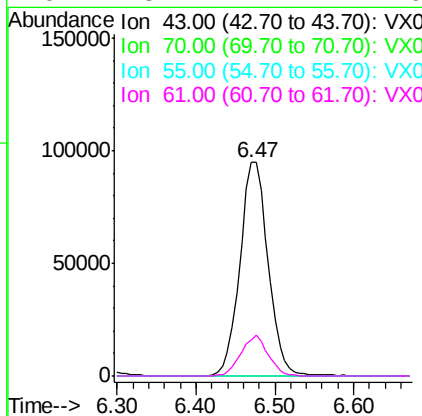
Manual Integrations
APPROVED

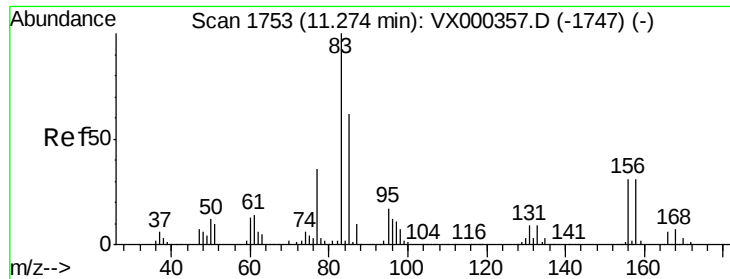
sam
3/27/2018 5:23:48 PM



#74
N-ethyl acetate
Concen: 52.31 ug/l
RT: 6.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.2	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

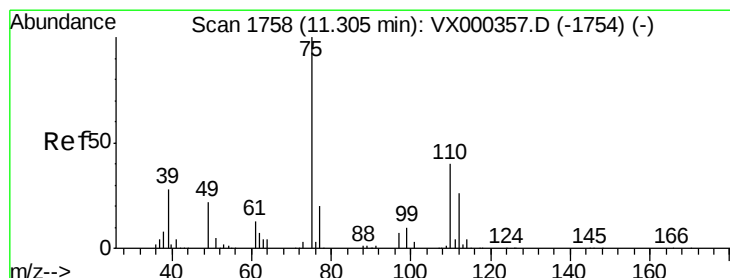
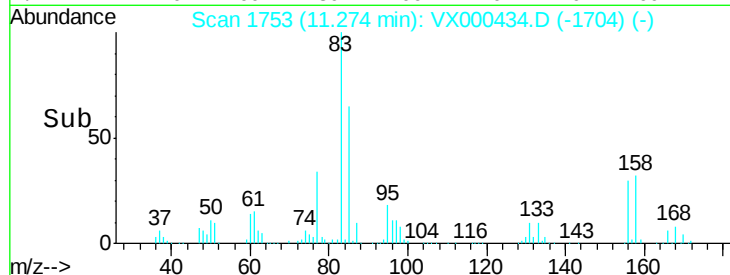
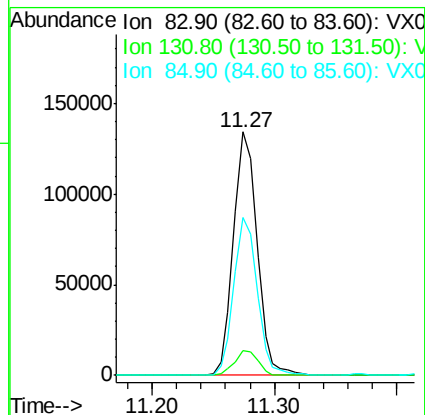
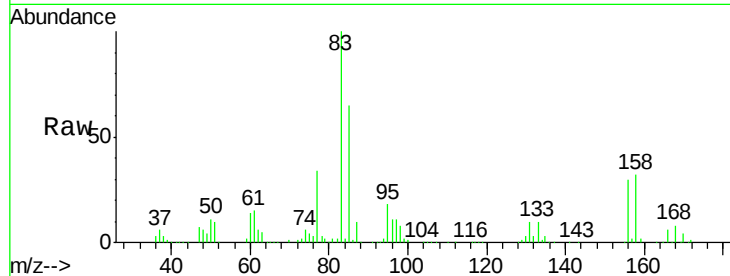
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	179685
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	14.9
85	64.6	32.5	97.5

Manual Integrations
APPROVED

sam
3/27/2018 5:23:48 PM



#76

1,2,3-Trichloropropane

Concen: 47.48 ug/l m

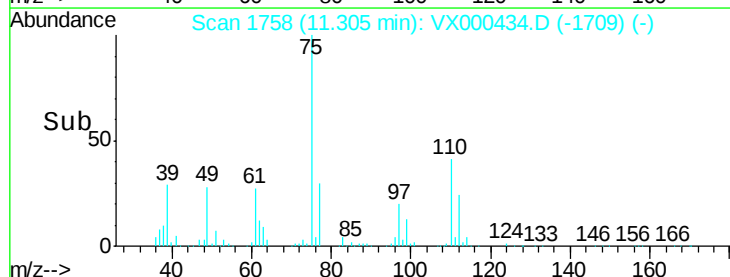
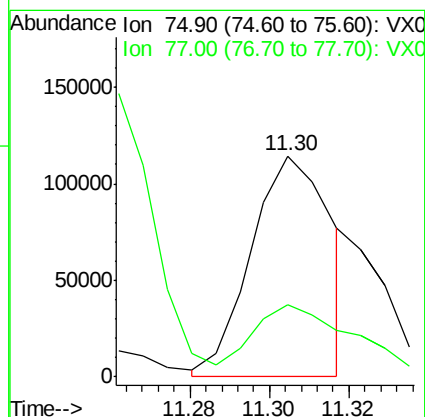
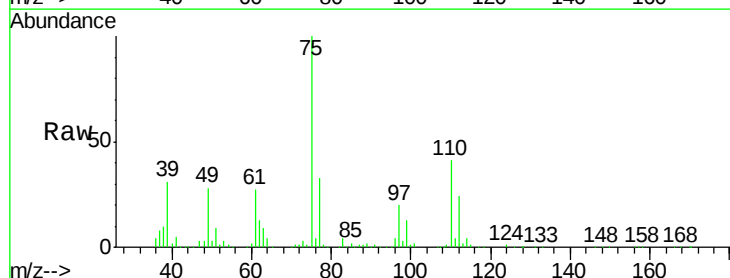
RT: 11.30 min Scan# 1758

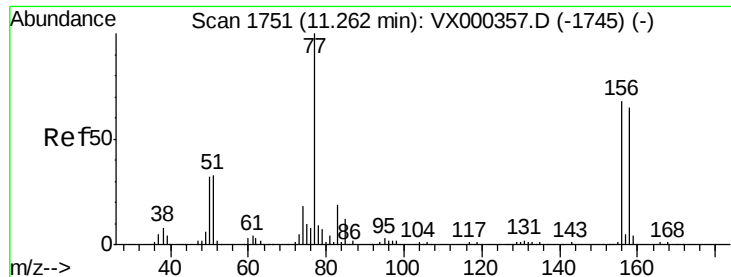
Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion:	75	Resp:	160482
Ion	Ratio	Lower	Upper
75	100		
77	41.7	21.4	64.2





#77

Bromobenzene

Concen: 44.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

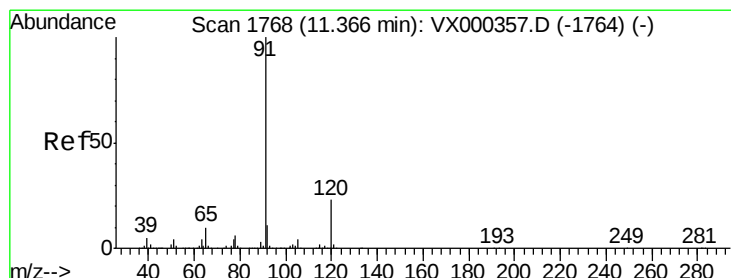
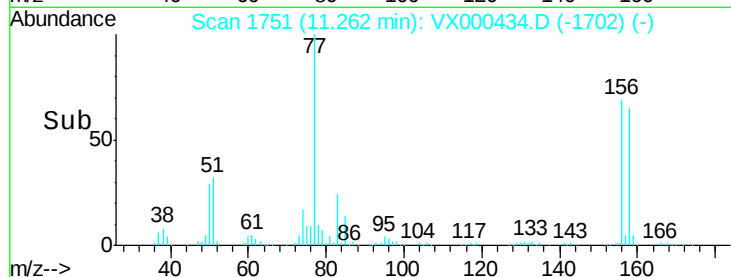
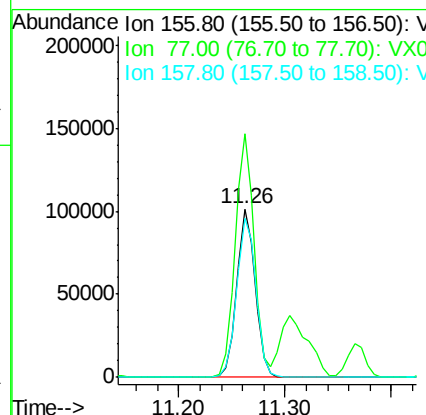
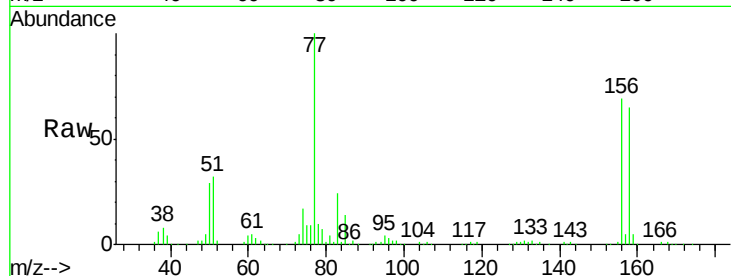
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.7	73.4	220.2
158	98.6	48.5	145.6

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#78

n-propylbenzene

Concen: 48.69 ug/l

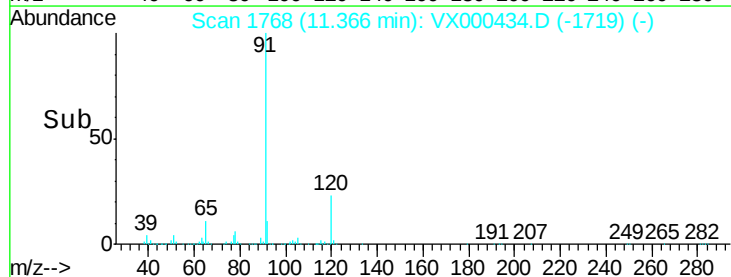
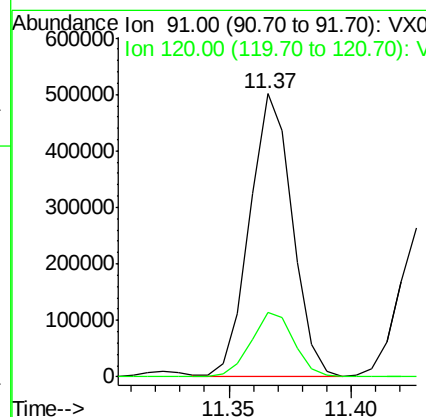
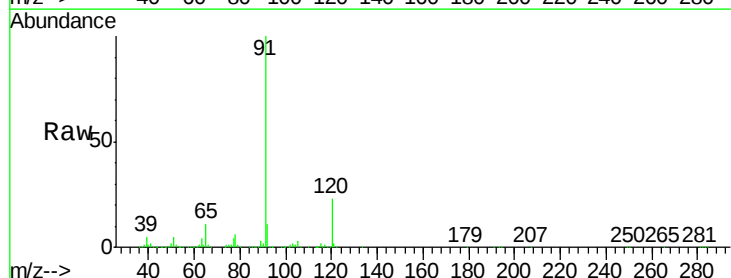
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.3





#79

2-Chlorotoluene

Concen: 47.46 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 340612

Ion Ratio Lower Upper

91 100

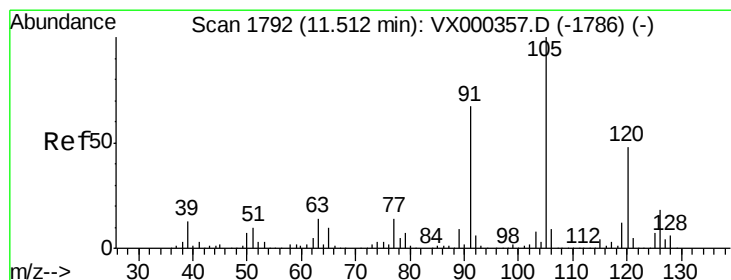
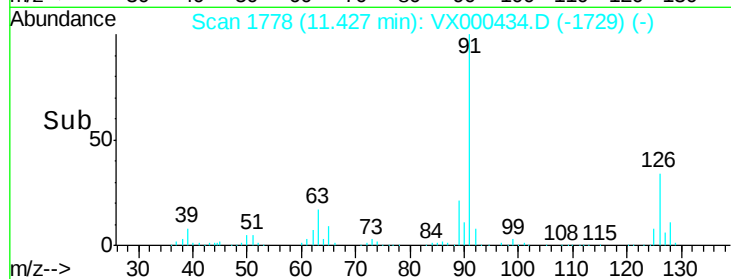
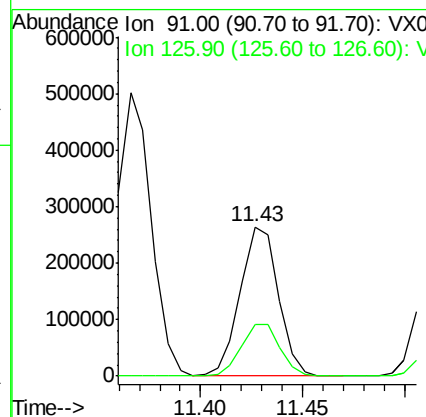
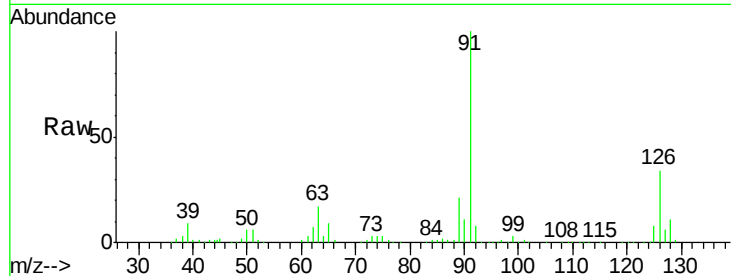
126 35.6 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 51.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000434.D

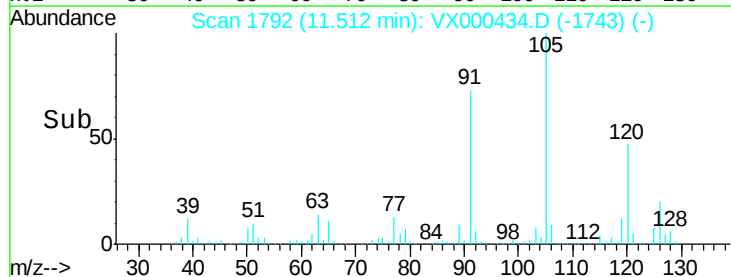
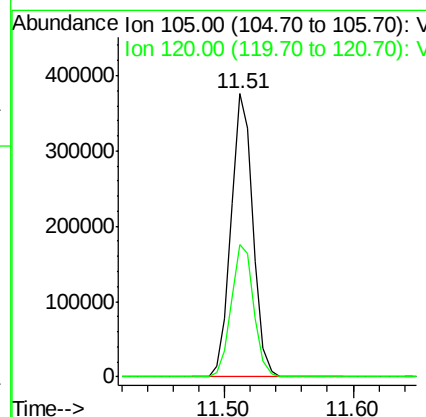
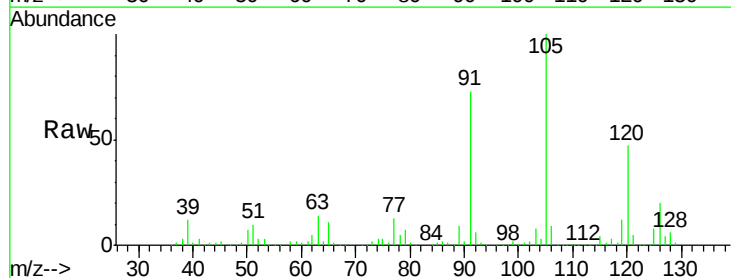
Acq: 26 Mar 2018 11:07

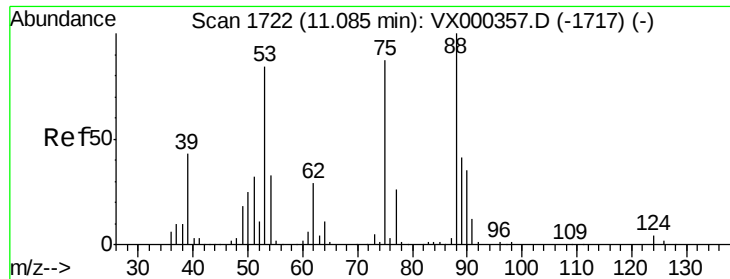
Tgt Ion: 105 Resp: 450229

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.4





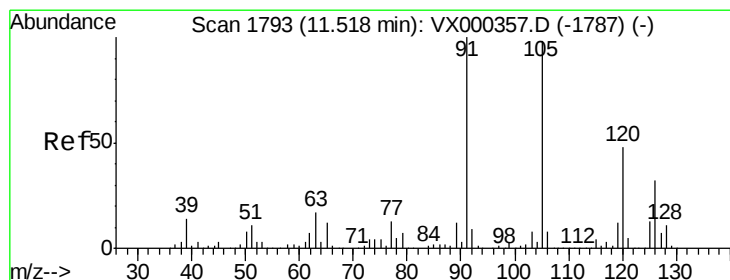
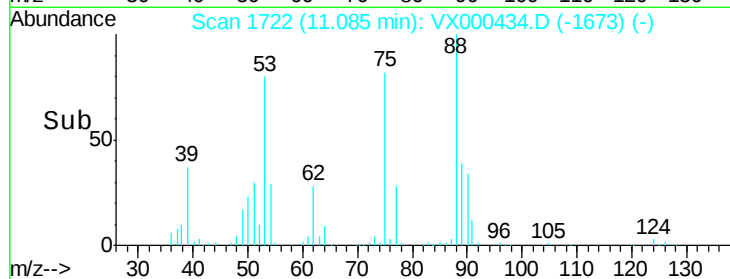
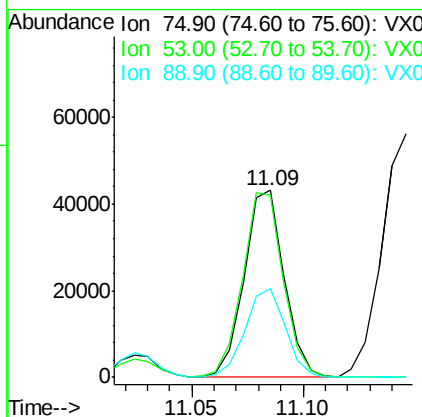
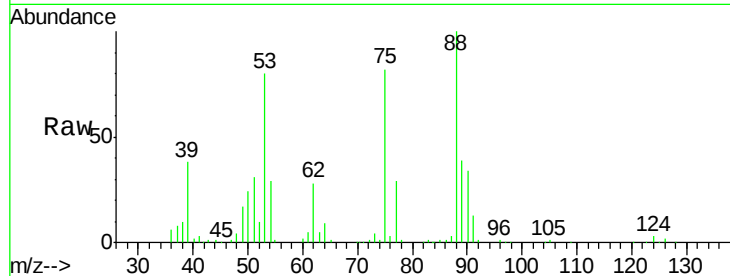
#81
trans-1,4-Dichloro-2-butene
Concen: 51.89 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	80.7	121.1
89	47.9	39.4	59.0

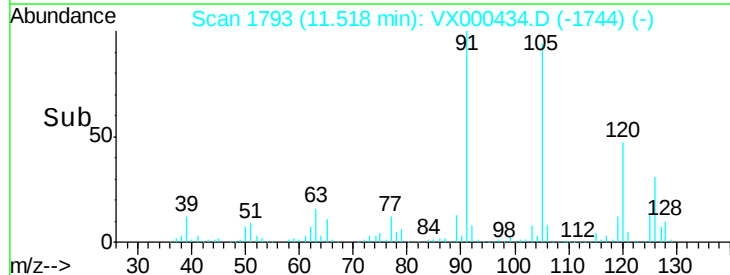
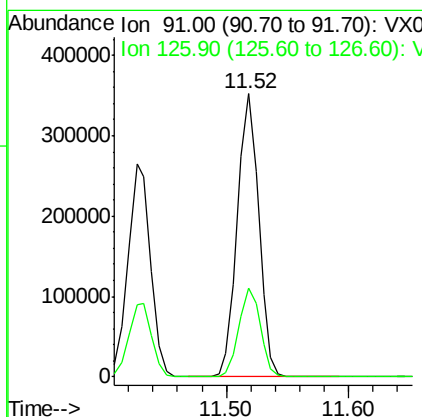
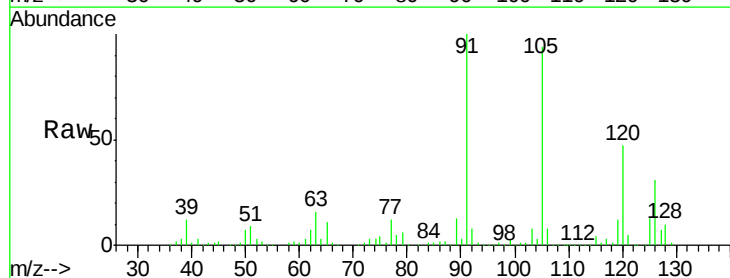
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#82
4-Chlorotoluene
Concen: 49.73 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.1





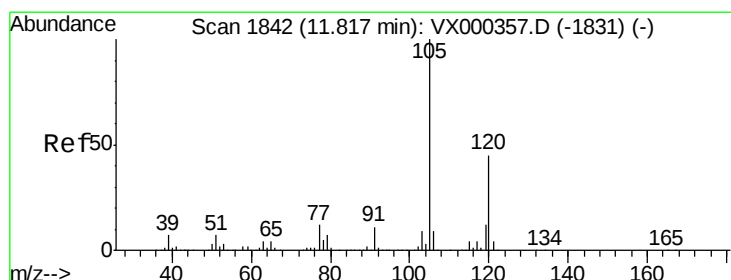
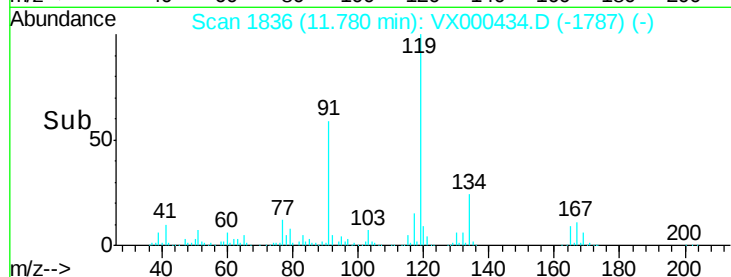
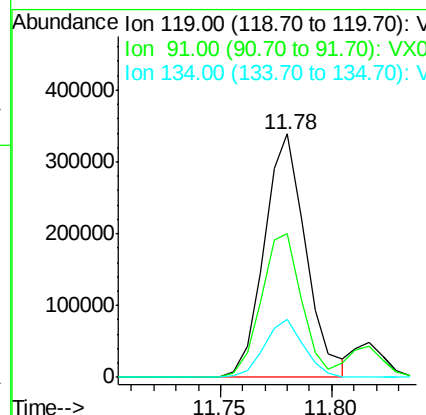
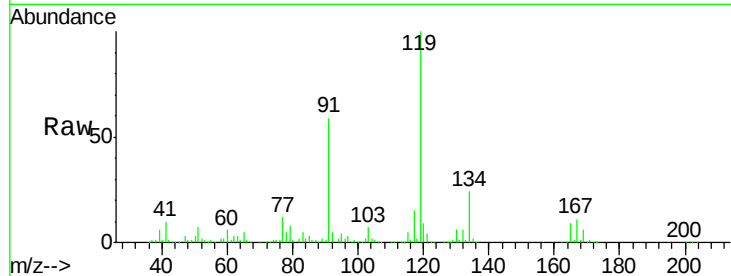
#83
 tert-Butylbenzene
 Concen: 49.77 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.8	86.4
134	22.5	11.4	34.1

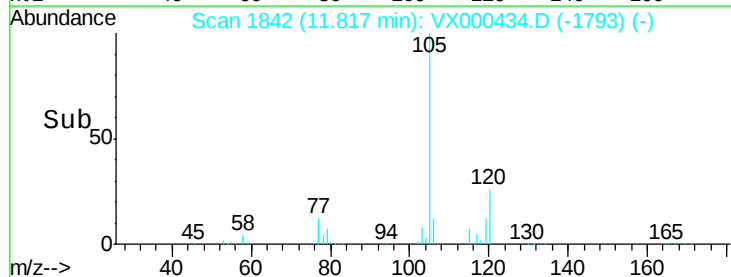
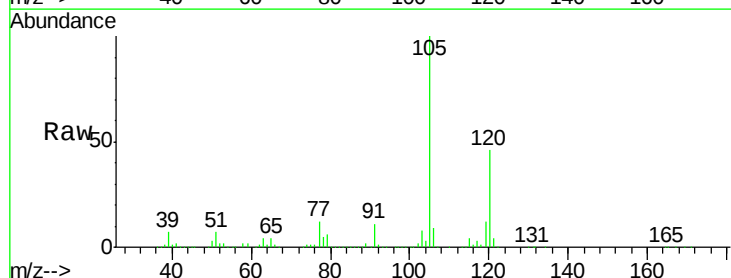
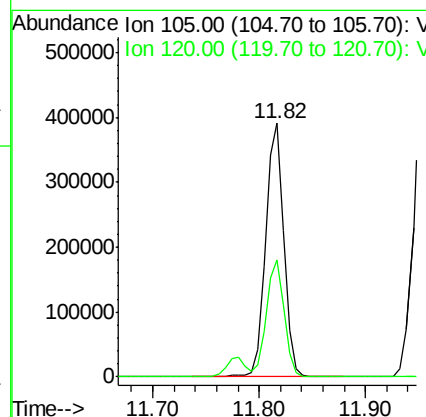
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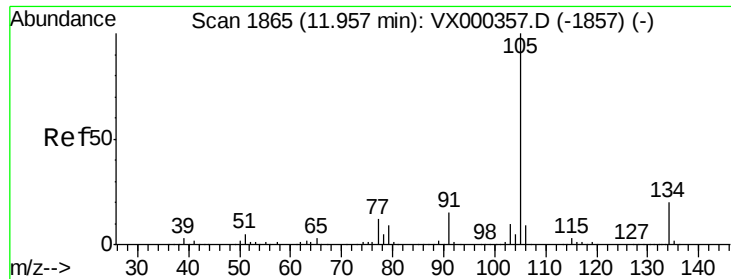
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.76 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





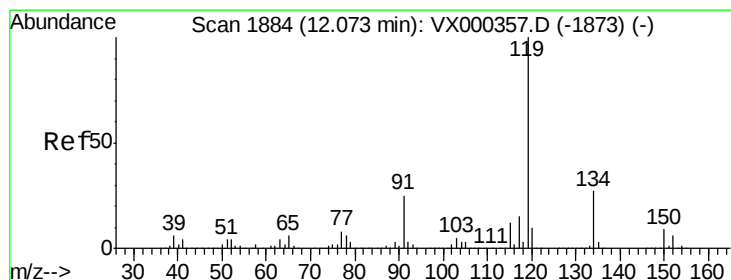
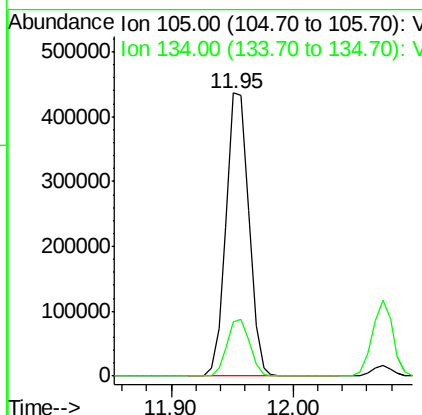
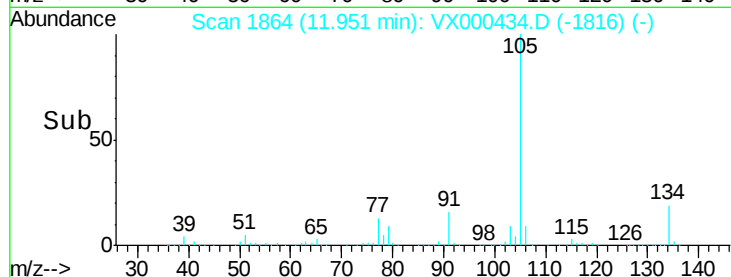
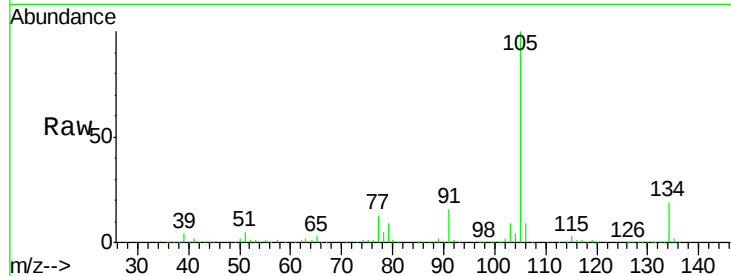
#85
 sec-Butylbenzene
 Concen: 51.50 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion:105 Resp: 563019
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8

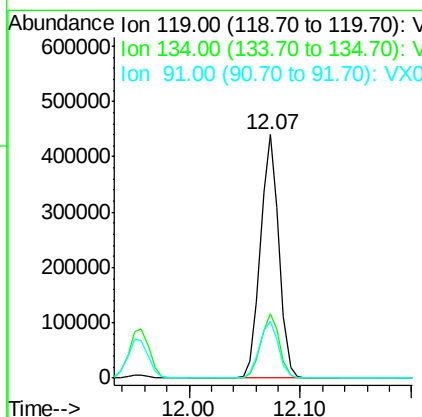
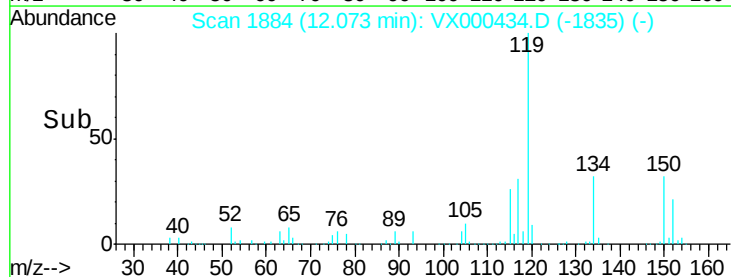
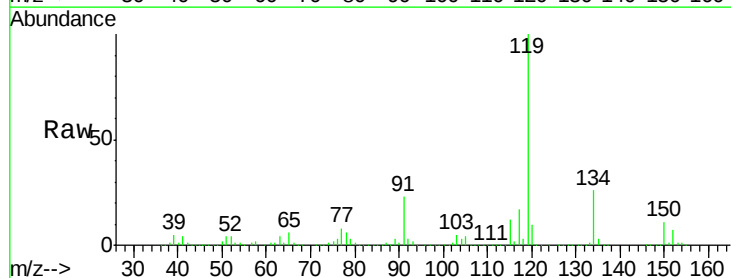
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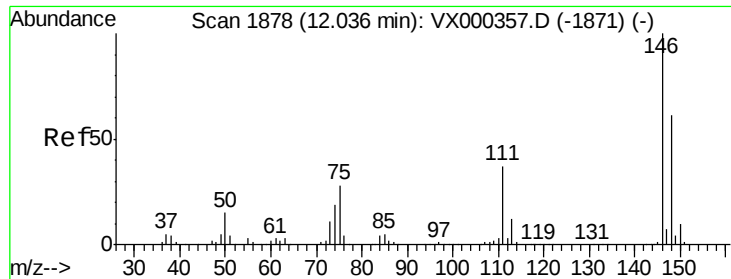
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#86
 p-Isopropyltoluene
 Concen: 52.64 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion:119 Resp: 511138
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 24.1 12.0 36.1





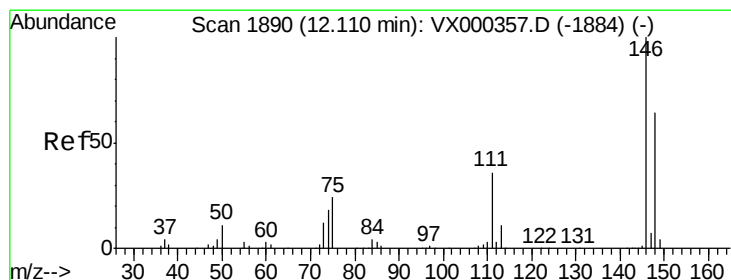
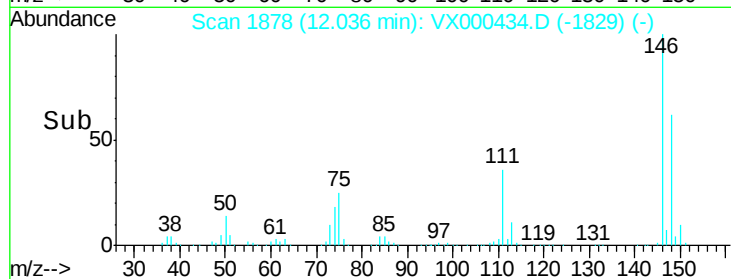
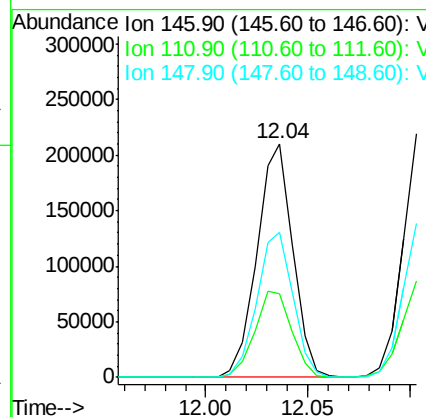
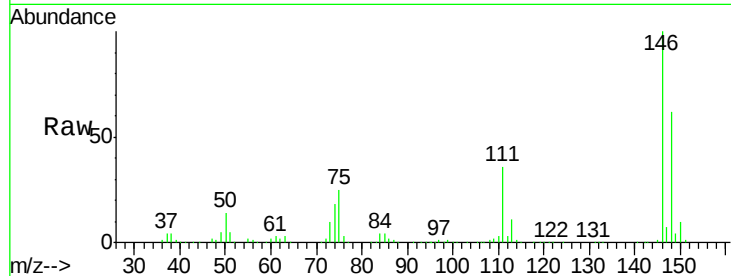
#87
 1,3-Dichlorobenzene
 Concen: 48.92 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	62.8	32.4	97.0

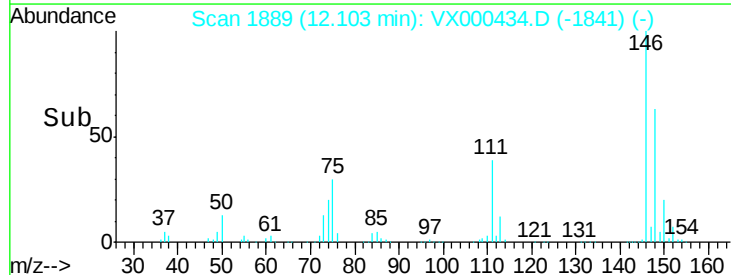
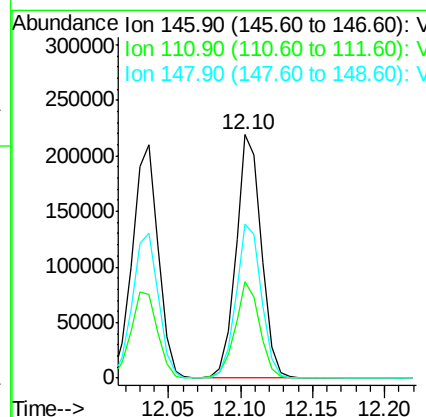
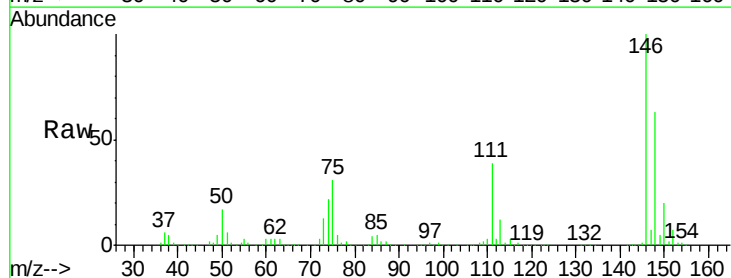
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#88
 1,4-Dichlorobenzene
 Concen: 48.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	63.8	31.0	93.0





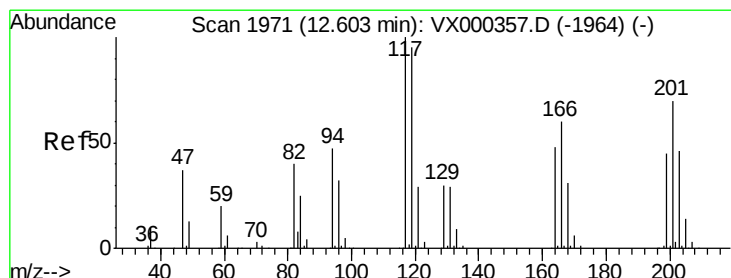
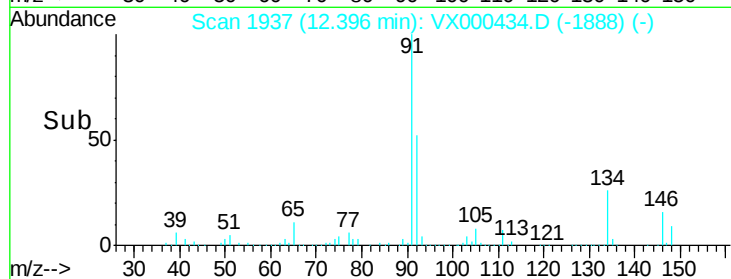
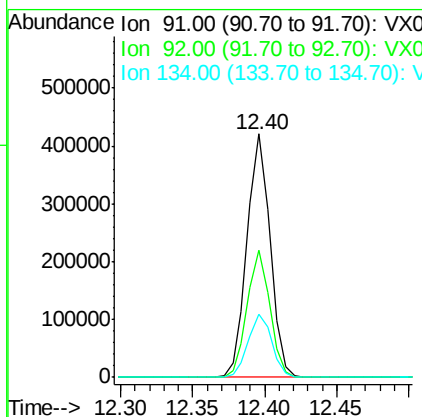
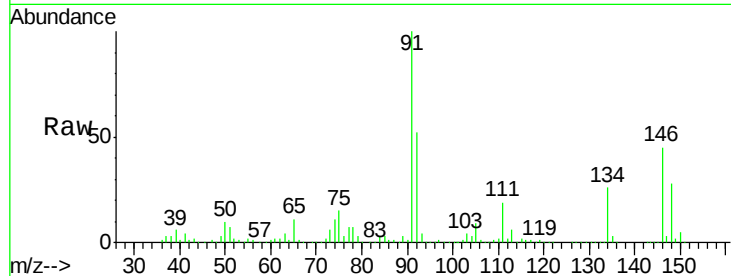
#89
n-Butylbenzene
Concen: 51.64 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.9	77.8
134	26.5	13.1	39.3

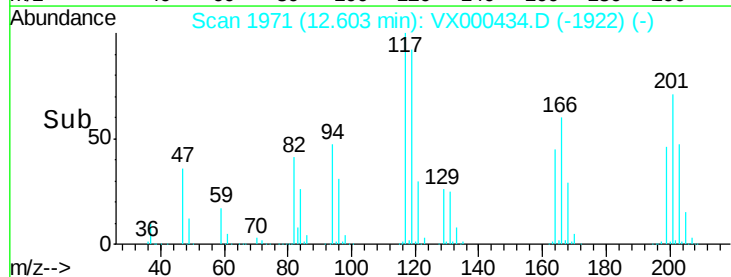
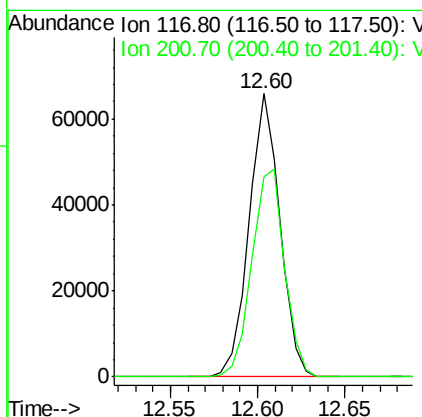
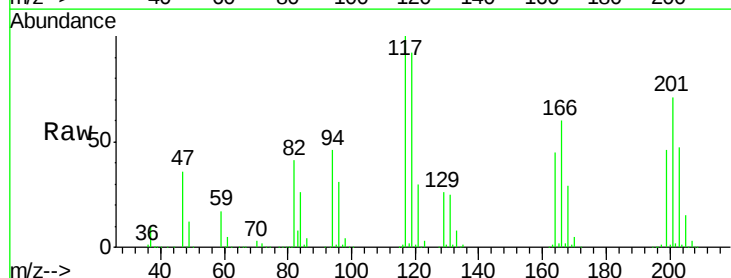
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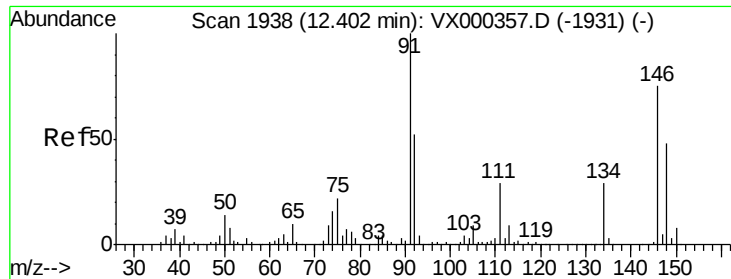
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#90
Hexachloroethane
Concen: 52.79 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000434.D
Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	37.9	113.6





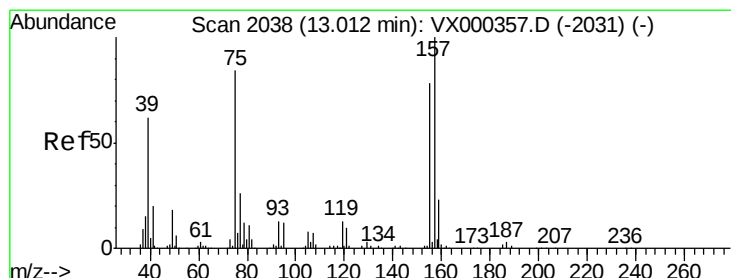
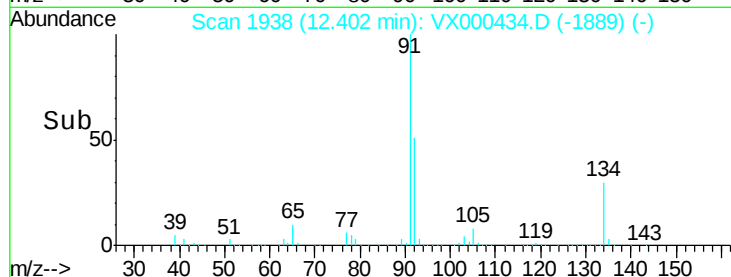
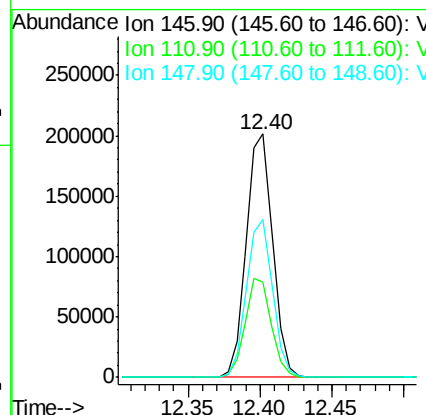
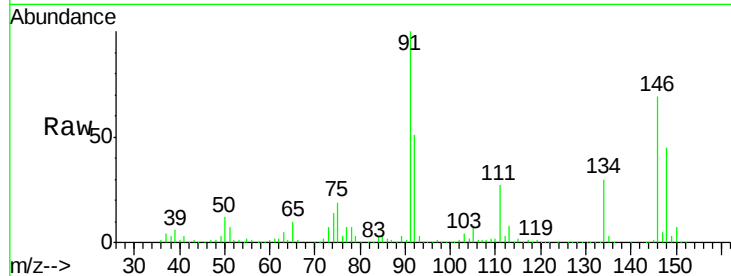
#91
 1,2-Dichlorobenzene
 Concen: 49.74 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.9	31.2	93.6

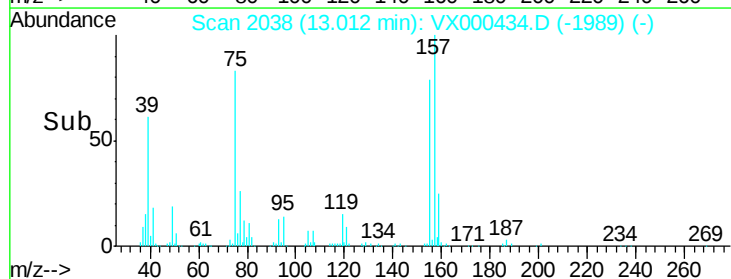
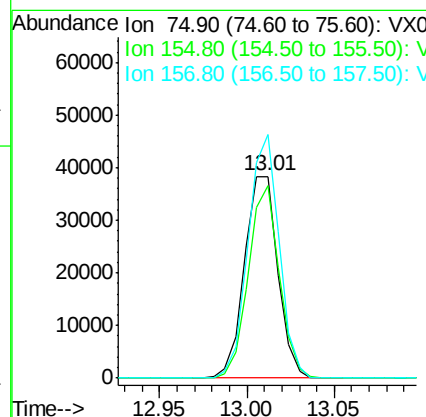
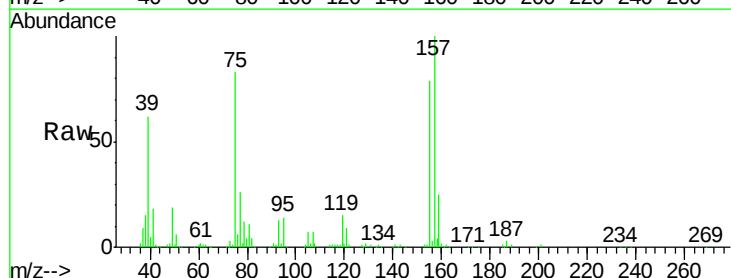
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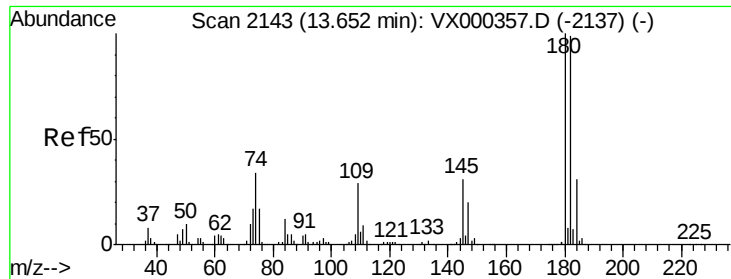
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.40 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	45.0	134.8
157	112.0	58.1	174.2





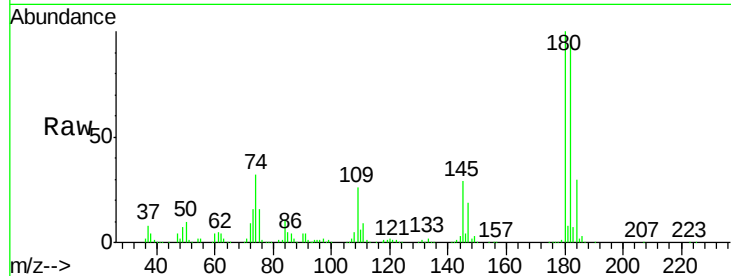
#93
 1,2,4-Trichlorobenzene
 Concen: 47.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

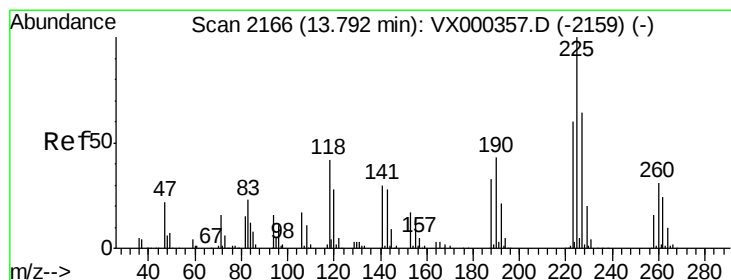
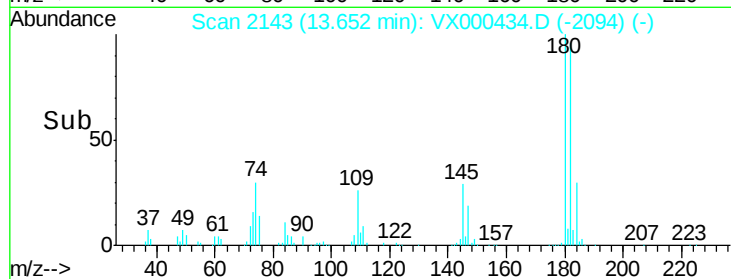
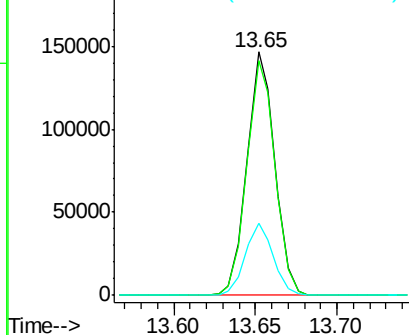
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.6	142.9
145	29.4	15.1	45.3

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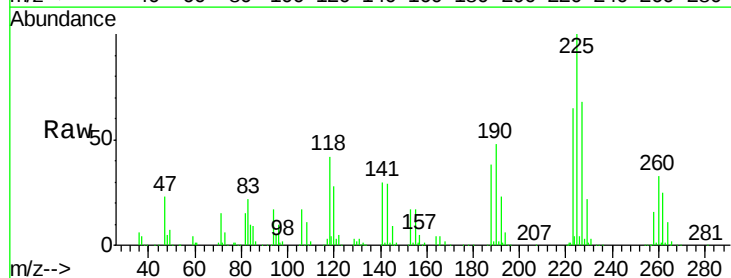


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

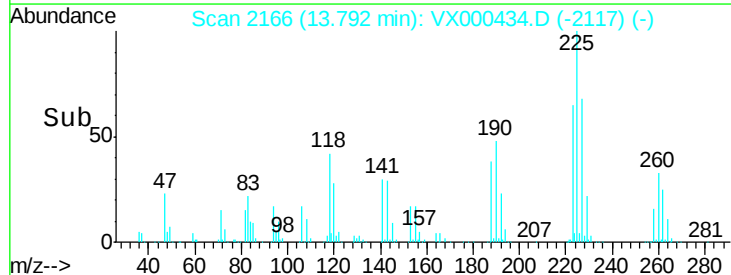
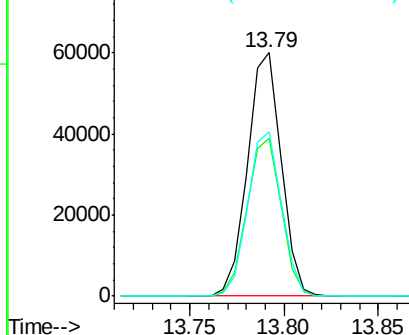


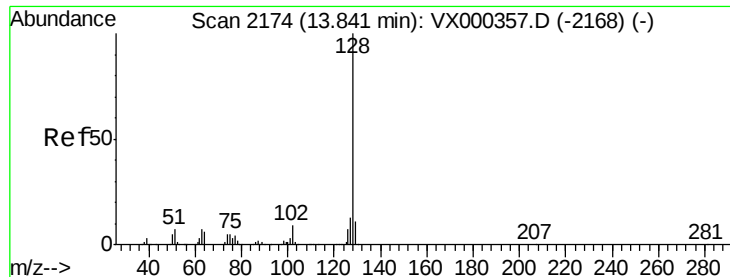
#94
 Hexachlorobutadiene
 Concen: 48.82 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000434.D
 Acq: 26 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	32.0	96.0
227	67.6	32.6	98.0



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





#95

Naphthalene

Concen: 49.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Instrument :

MSVOA_X

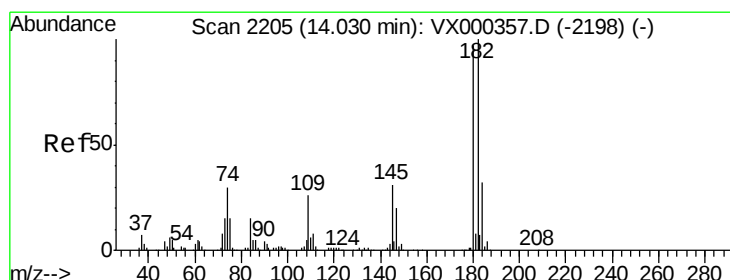
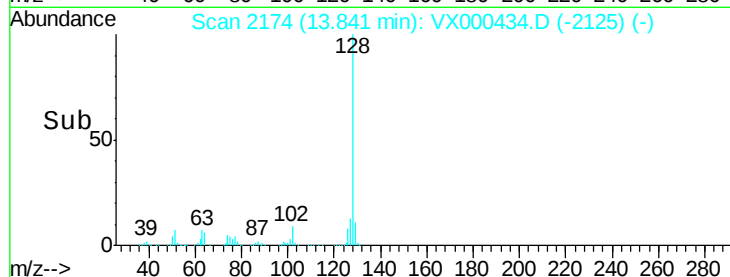
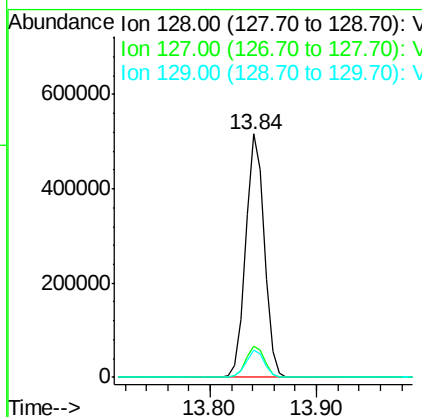
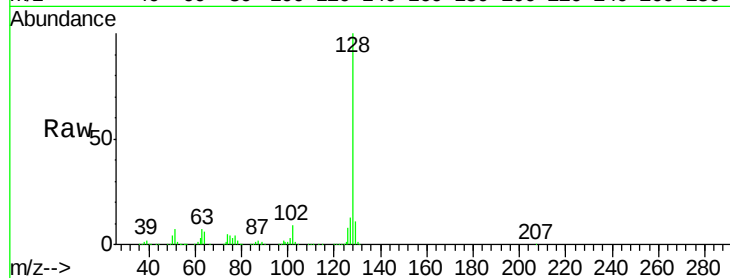
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	631910
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.0	8.9	13.3

Manual Integrations
APPROVED

sam
3/27/2018 5:23:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.31 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000434.D

Acq: 26 Mar 2018 11:07

Tgt Ion:	180	Resp:	179755
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.4	142.3
145	31.5	15.8	47.3

