

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000372.D
 Acq On : 20 Mar 2018 20:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:30 AM

Quant Time: Mar 21 05:19:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	120086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80628	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.52	113	63252	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.73	98	247333	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.15	95	95442	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	62308	47.08	ug/l	96
3) Chloromethane	1.32	50	63690	45.68	ug/l	95
4) Vinyl Chloride	1.41	62	74335	50.46	ug/l	97
5) Bromomethane	1.64	94	102912	58.34	ug/l	94
6) Chloroethane	1.73	64	47628	54.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	129221	48.60	ug/l	99
8) Diethyl Ether	2.20	74	46811	49.26	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72289	48.75	ug/l	99
10) Methyl Iodide	2.52	142	62992	43.49	ug/l	99
11) Tert butyl alcohol	3.07	59	134752	249.91	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64504	49.56	ug/l	99
13) Acrolein	2.30	56	39420	230.20	ug/l	99
14) Allyl chloride	2.73	41	118453	51.53	ug/l	99
15) Acrylonitrile	3.15	53	272692	249.70	ug/l	99
16) Acetone	2.45	43	304751	233.70	ug/l	97
17) Carbon Disulfide	2.57	76	171458	49.52	ug/l	98
18) Methyl Acetate	2.79	43	137296	50.22	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	235476	48.92	ug/l	96
20) Methylene Chloride	2.87	84	72101	47.87	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	69051	47.56	ug/l	96
22) Diisopropyl ether	3.89	45	186053	45.73	ug/l	95
23) Vinyl Acetate	3.84	43	879231	227.94	ug/l	100
24) 1,1-Dichloroethane	3.70	63	126113	49.30	ug/l	99
25) 2-Butanone	4.72	43	355699	242.68	ug/l	98
26) 2,2-Dichloropropane	4.60	77	86180	48.06	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	64786	47.74	ug/l	99
28) Bromochloromethane	5.03	49	52546	49.81	ug/l	99
29) Tetrahydrofuran	5.18	42	227825	252.63	ug/l	99
30) Chloroform	5.23	83	123553	51.53	ug/l	97
31) Cyclohexane	5.59	56	95417	48.25	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	107897	49.89	ug/l	99
36) 1,1-Dichloropropene	5.81	75	88413	48.58	ug/l	98
37) Ethyl Acetate	4.87	43	122877	49.42	ug/l	99
38) Carbon Tetrachloride	5.79	117	94825	49.66	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	105479	47.65	ug/l	96
40) Benzene	6.15	78	262225	49.61	ug/l	99
41) Methacrylonitrile	5.07	41	63851	48.71	ug/l	98
42) 1,2-Dichloroethane	6.21	62	102802	49.57	ug/l	98
43) Isopropyl Acetate	6.48	43	189478	51.20	ug/l	99
44) Trichloroethene	7.22	130	73523	48.55	ug/l	97
45) 1,2-Dichloropropane	7.52	63	68152	50.37	ug/l	98
46) Dibromomethane	7.67	93	51026	48.05	ug/l	97
47) Bromodichloromethane	7.91	83	97581	52.23	ug/l	99
48) Methyl methacrylate	7.79	41	92685	51.59	ug/l	98
49) 1,4-Dioxane	7.77	88	37440	991.37	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	722858	252.35	ug/l	99
52) Toluene	8.79	92	177045	47.91	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	110772	51.16	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	109434	52.11	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	75492	49.68	ug/l	98
56) Ethyl methacrylate	9.19	69	115344	50.09	ug/l	99
57) 1,3-Dichloropropane	9.38	76	121387	49.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	284438	257.38	ug/l	99
59) 2-Hexanone	9.51	43	607009	249.56	ug/l	100
60) Dibromochloromethane	9.59	129	79453	44.66	ug/l	97
61) 1,2-Dibromoethane	9.68	107	81248	49.86	ug/l	99
64) Tetrachloroethene	9.34	164	72037	47.80	ug/l	96
65) Chlorobenzene	10.15	112	205684	47.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	73930	50.37	ug/l	98
67) Ethyl Benzene	10.26	91	360541	49.21	ug/l	100
68) m/p-Xylenes	10.37	106	282091	97.85	ug/l	99
69) o-Xylene	10.71	106	136726	48.98	ug/l	99
70) Styrene	10.72	104	231968	50.22	ug/l	99
71) Bromoform	10.87	173	63358	42.24	ug/l #	98
73) Isopropylbenzene	11.02	105	381739	49.86	ug/l	98
74) N-amyl acetate	6.48	43	189478	57.25	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	133958	49.46	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120662m	48.59	ug/l	
77) Bromobenzene	11.26	156	95032	46.59	ug/l	99
78) n-propylbenzene	11.37	91	444940	48.74	ug/l	100
79) 2-Chlorotoluene	11.43	91	253481	48.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	324215	50.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	38316	49.95	ug/l	96
82) 4-Chlorotoluene	11.52	91	311879	49.53	ug/l	100
83) tert-Butylbenzene	11.78	119	318828	49.10	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	340657	50.47	ug/l	100
85) sec-Butylbenzene	11.96	105	402578	50.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	360990	50.59	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	184750	47.90	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	192398	47.52	ug/l	98
89) n-Butylbenzene	12.40	91	331290	49.87	ug/l	99
90) Hexachloroethane	12.60	117	58737	52.30	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	187101	49.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38386	50.82	ug/l	97

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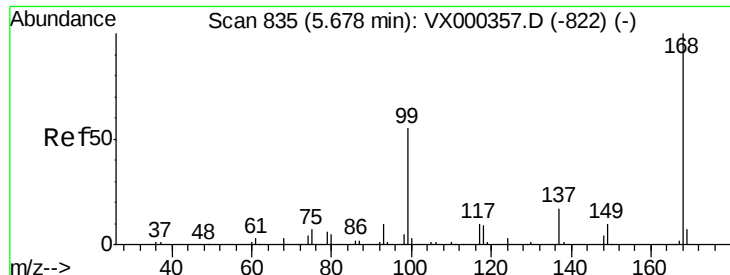
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126422	46.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	53090	47.30	ug/l	99
95) Naphthalene	13.84	128	470533	49.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125951	47.02	ug/l	99

(#) = 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: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 120086

Ion Ratio Lower Upper

168 100

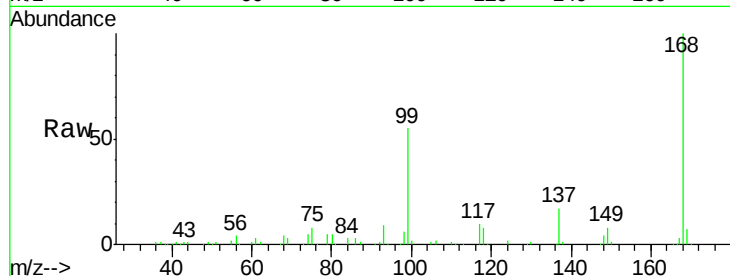
99 55.1 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

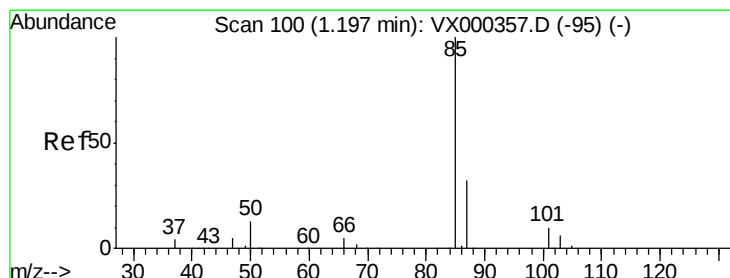
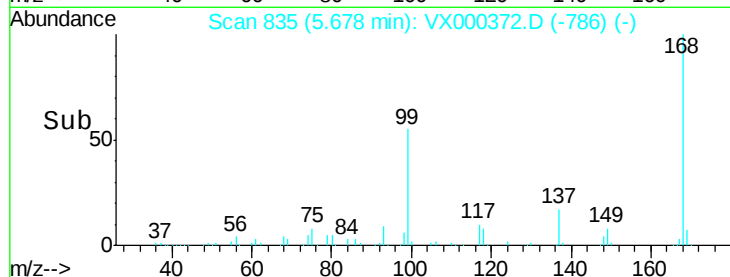
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000372.D

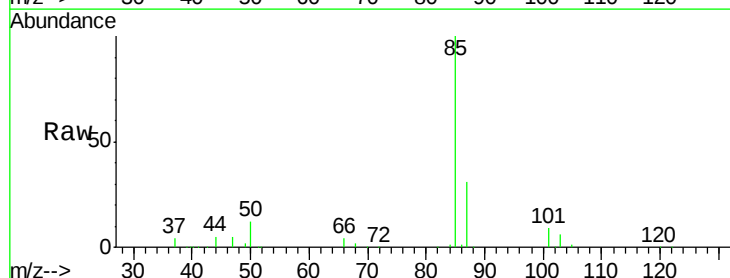
Acq: 20 Mar 2018 20:35

Tgt Ion: 85 Resp: 62308

Ion Ratio Lower Upper

85 100

87 31.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

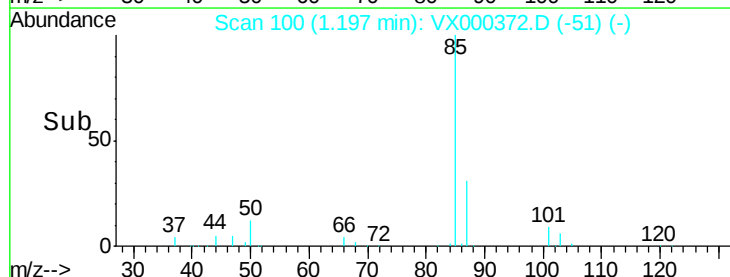
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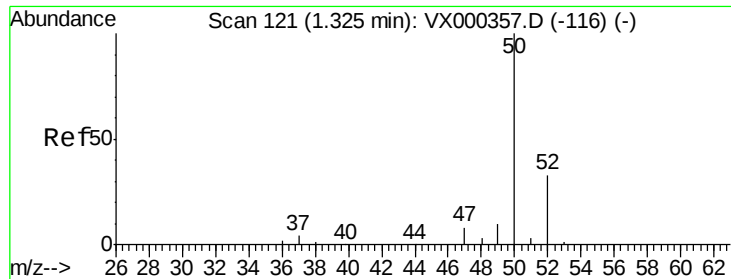
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20000

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Time-->





#3

Chloromethane

Concen: 45.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 63690

Ion Ratio Lower Upper

50 100

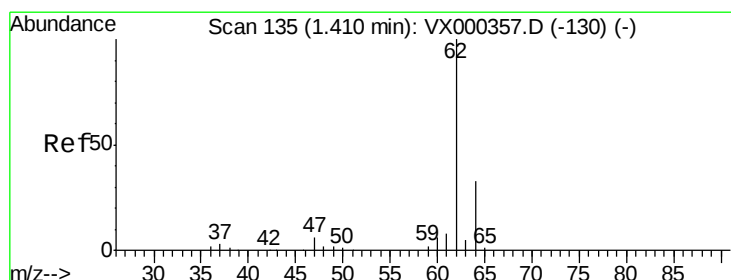
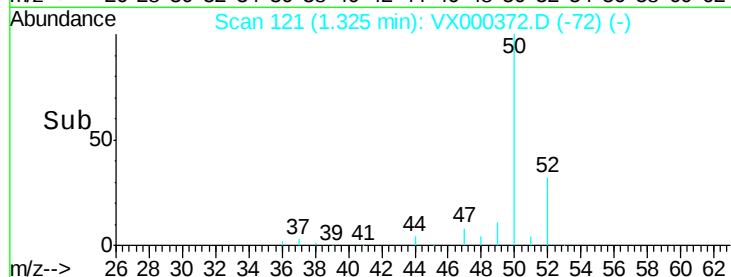
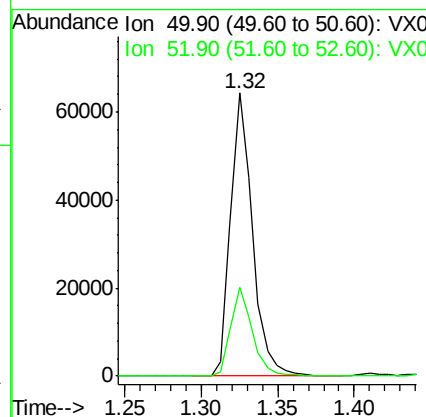
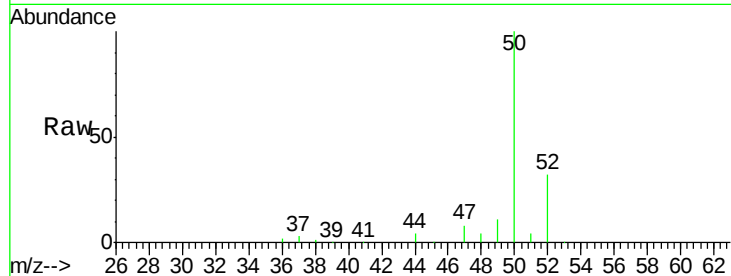
52 31.6 27.5 41.3

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#4

Vinyl Chloride

Concen: 50.46 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000372.D

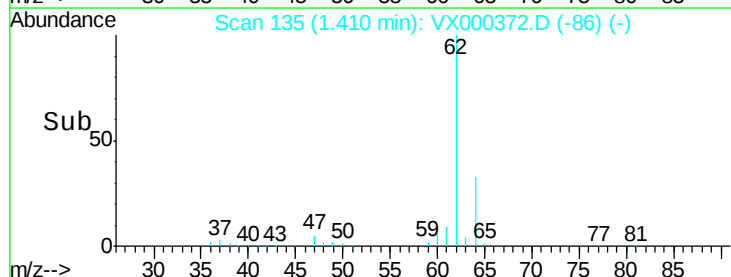
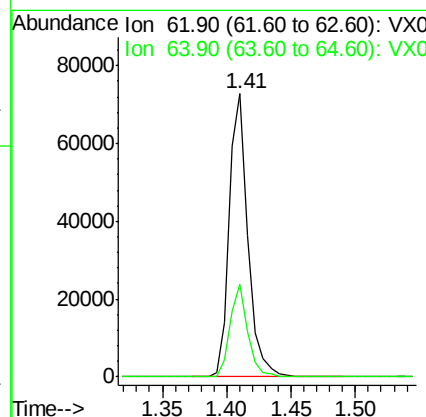
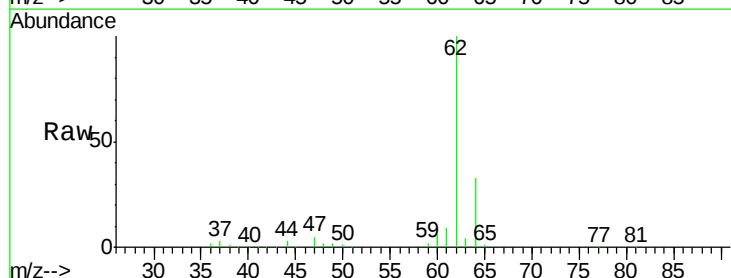
Acq: 20 Mar 2018 20:35

Tgt Ion: 62 Resp: 74335

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 58.34 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 102912

Ion Ratio Lower Upper

94 100

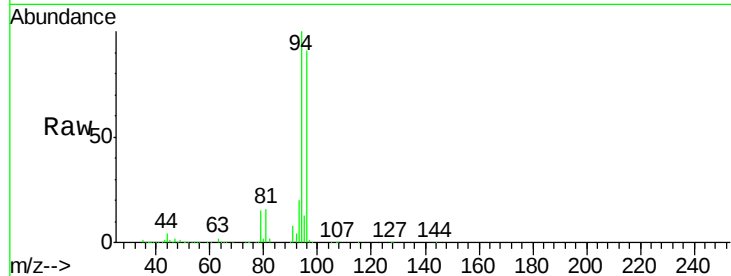
96 91.1 77.7 116.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

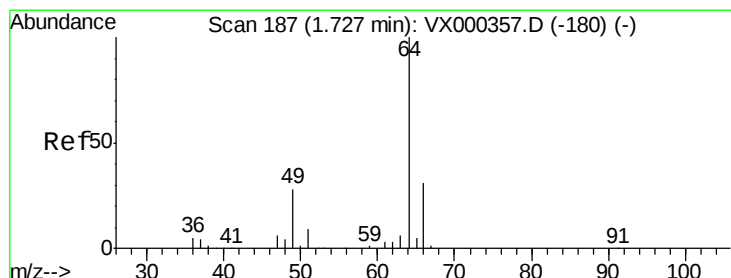
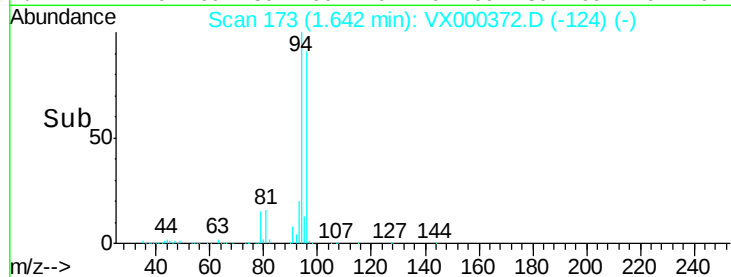
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 54.02 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000372.D

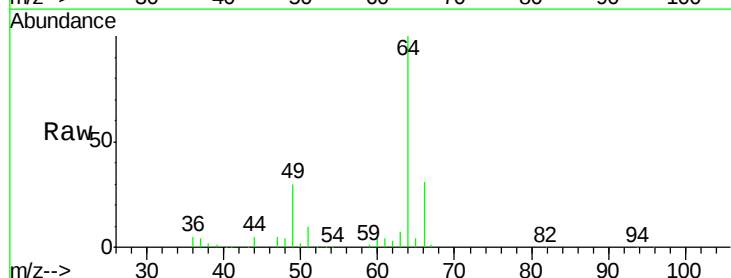
Acq: 20 Mar 2018 20:35

Tgt Ion: 64 Resp: 47628

Ion Ratio Lower Upper

64 100

66 31.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

30000

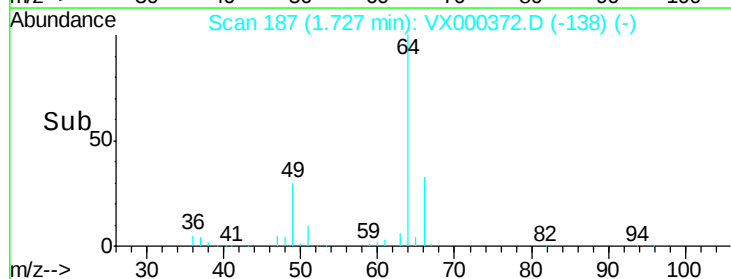
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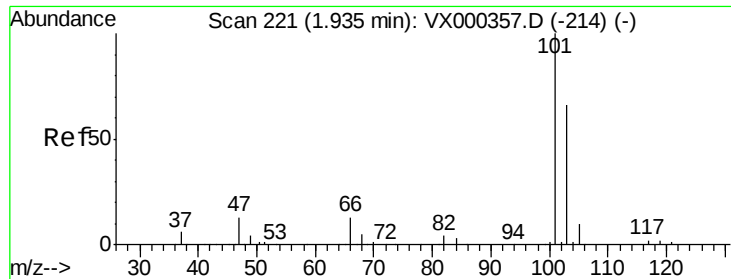
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1.65 1.70 1.75 1.80 1.85

Time-->





#7

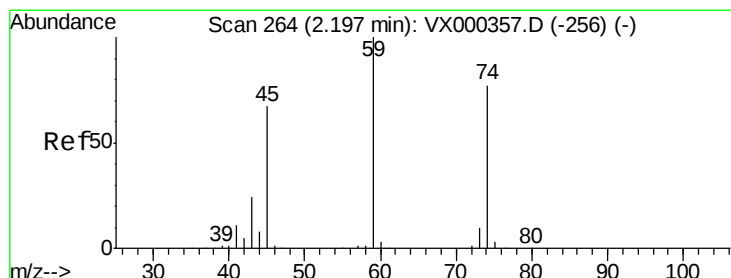
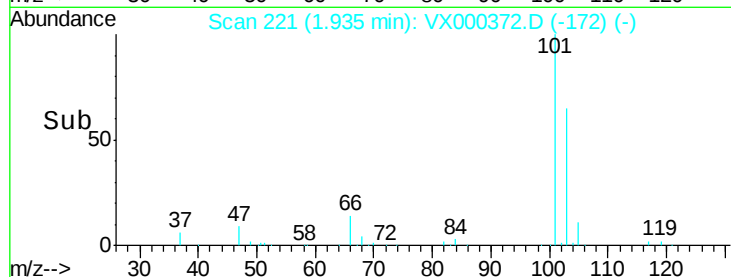
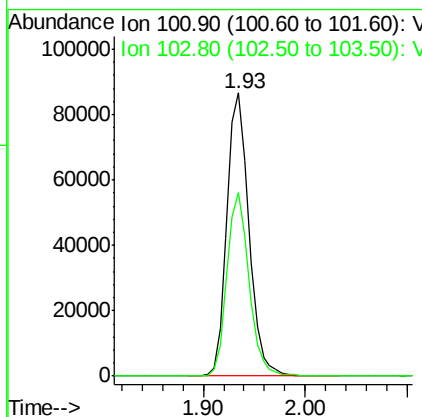
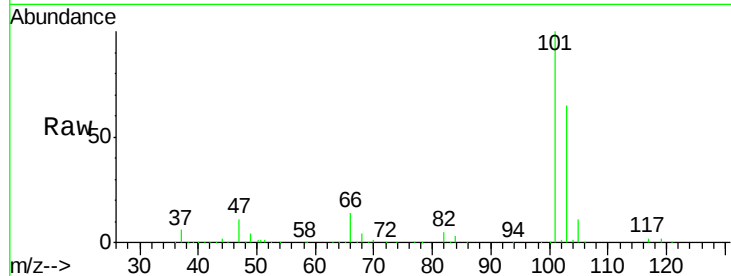
Trichlorofluoromethane
Concen: 48.60 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.6	77.4

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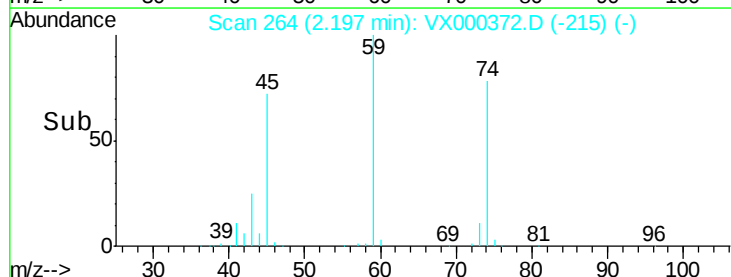
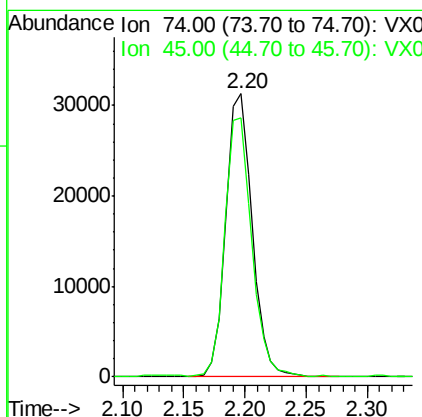
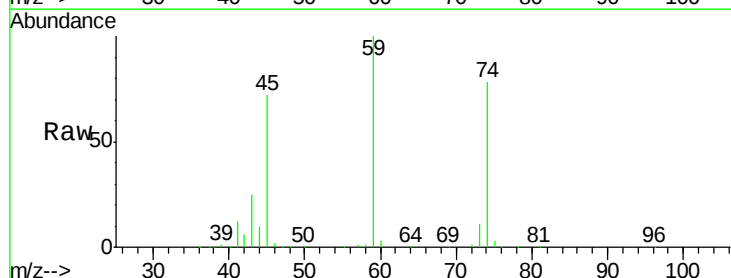
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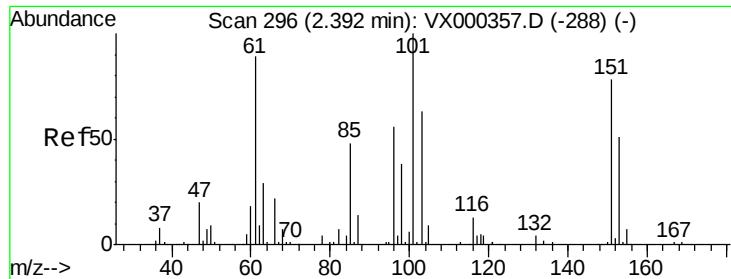


#8

Diethyl Ether
Concen: 49.26 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

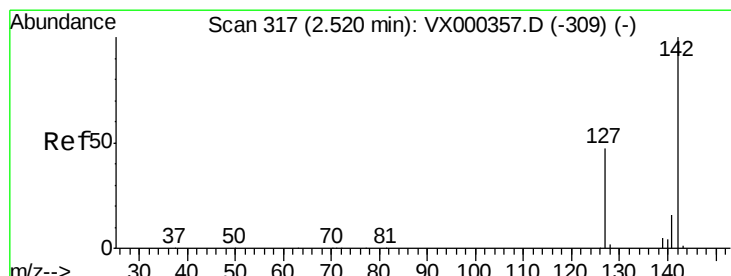
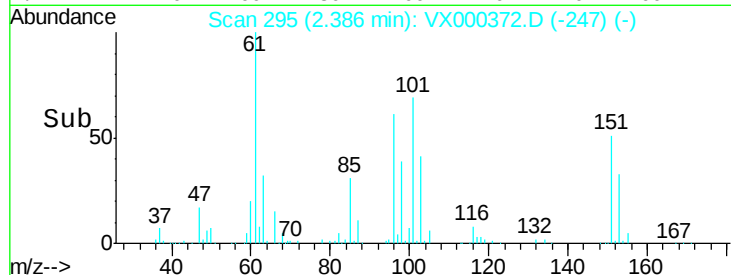
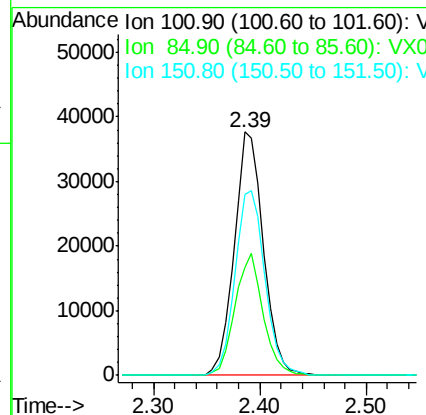
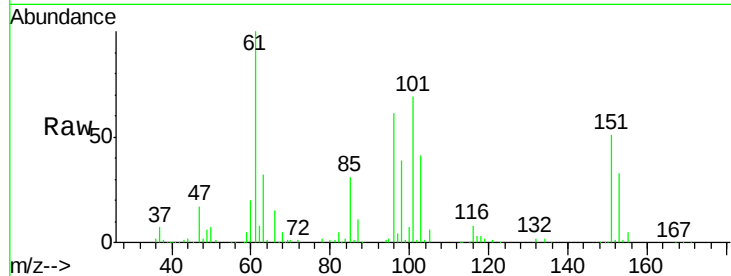
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	72289
Ion Ratio	Lower	Upper	
101	100		
85	48.4	37.6	56.4
151	78.2	62.6	93.8

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#10

Methyl Iodide

Concen: 43.49 ug/l

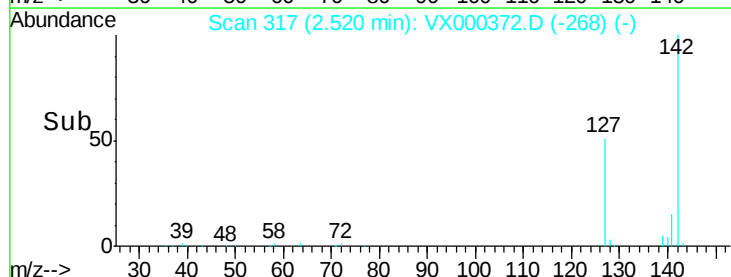
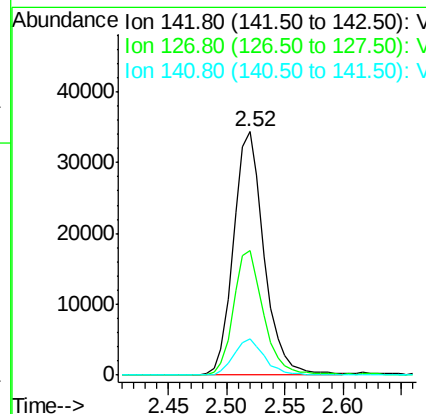
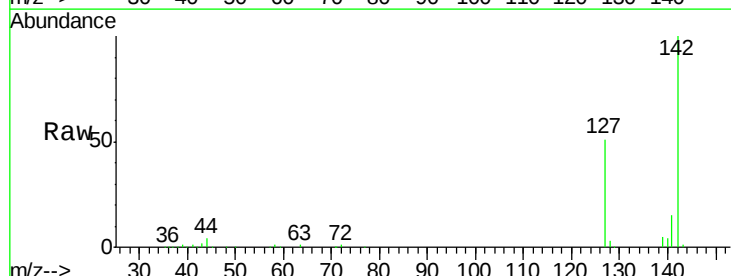
RT: 2.52 min Scan# 317

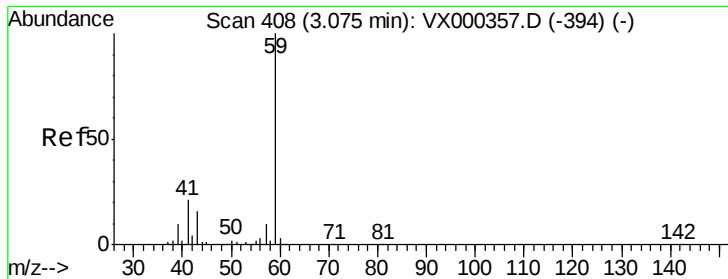
Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion:	142	Resp:	62992
Ion Ratio	Lower	Upper	
142	100		
127	50.2	39.2	58.8
141	14.8	11.7	17.5





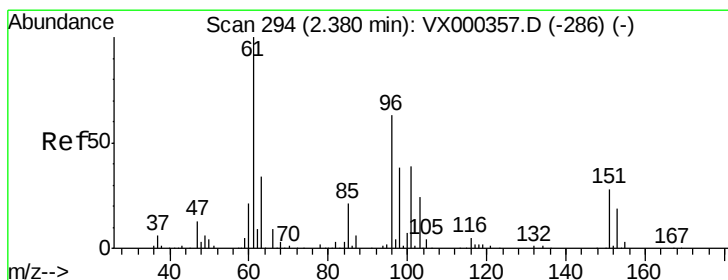
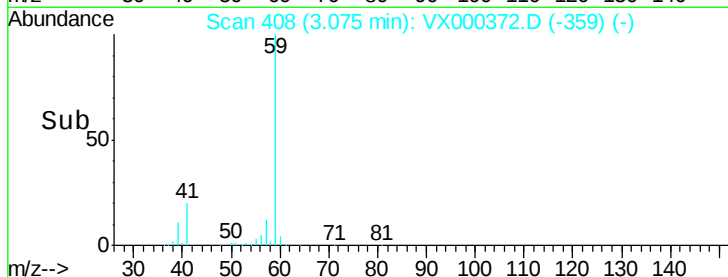
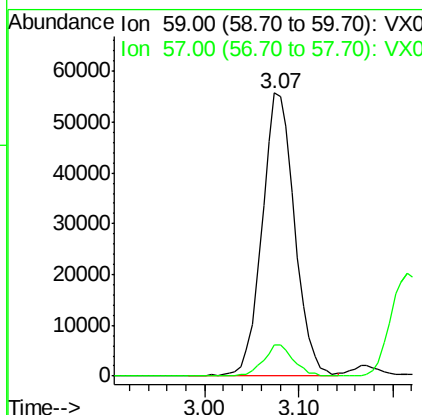
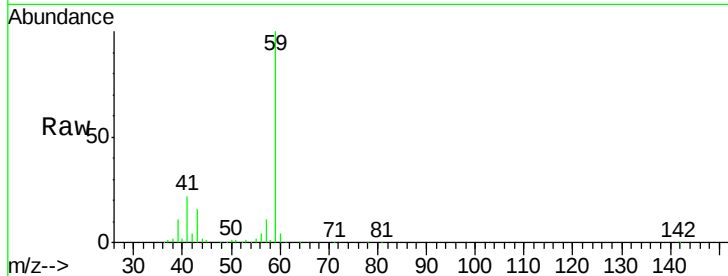
#11
Tert butyl alcohol
Concen: 249.91 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 134752
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

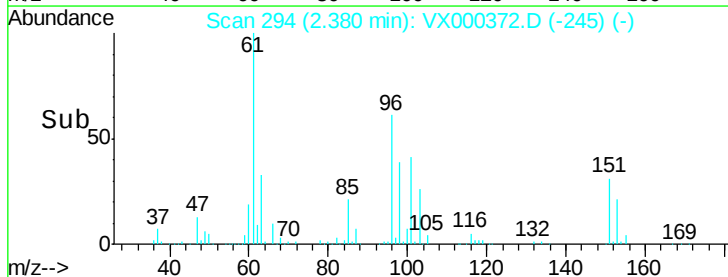
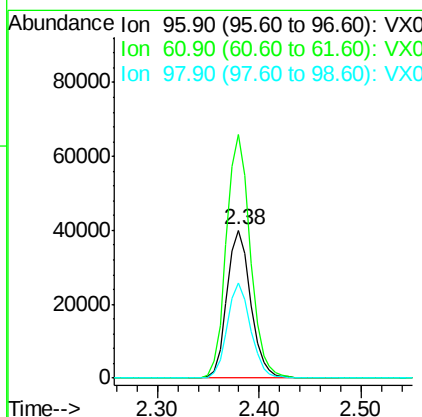
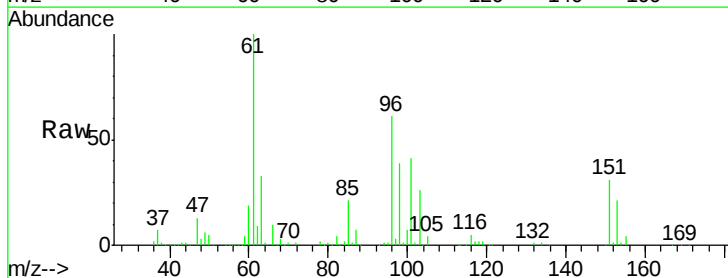
Manual Integrations
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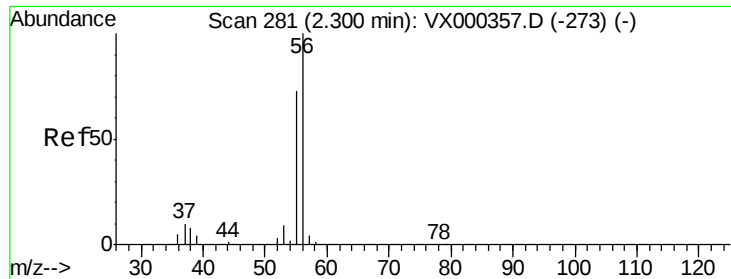
sam
3/21/2018 11:44:30 AM



#12
1,1-Dichloroethene
Concen: 49.56 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 96 Resp: 64504
Ion Ratio Lower Upper
96 100
61 164.7 131.2 196.8
98 64.8 49.8 74.8





#13

Acrolein

Concen: 230.20 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 39420

Ion Ratio Lower Upper

56 100

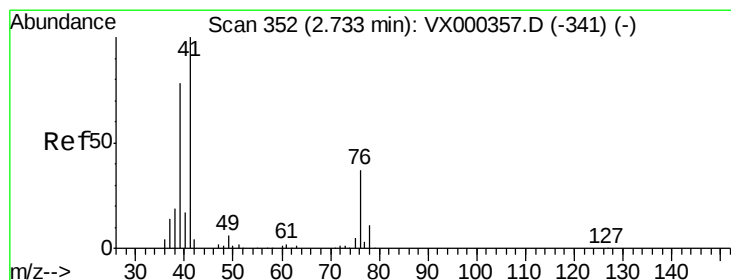
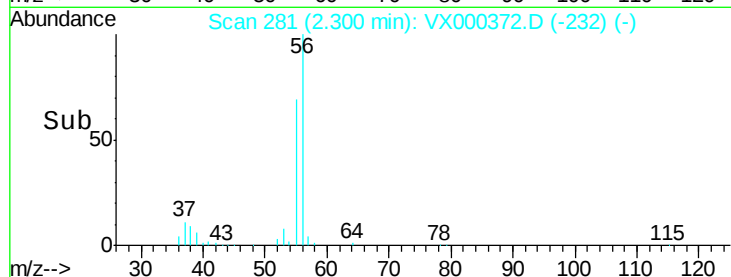
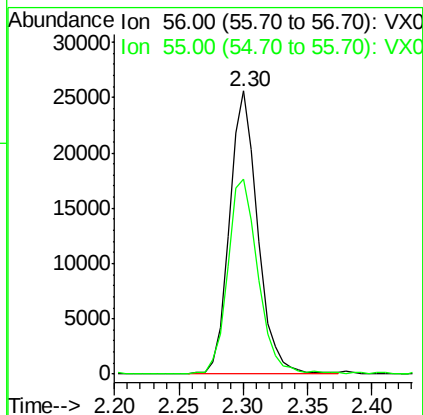
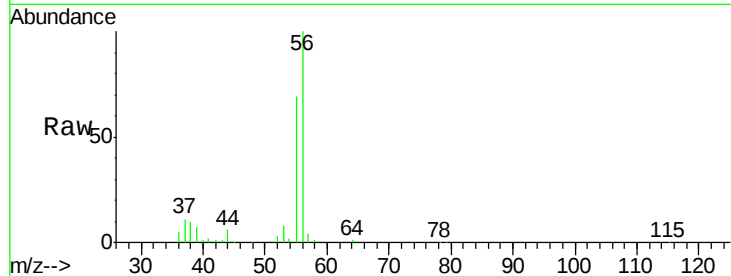
55 74.3 58.8 88.2

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 51.53 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

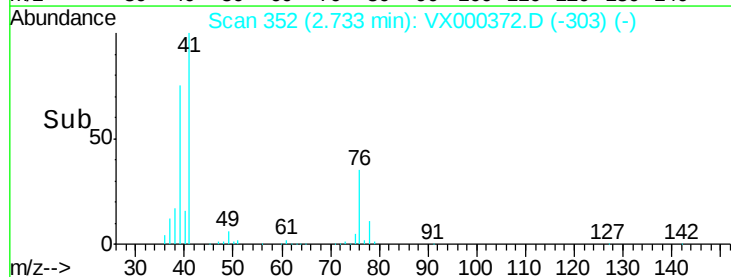
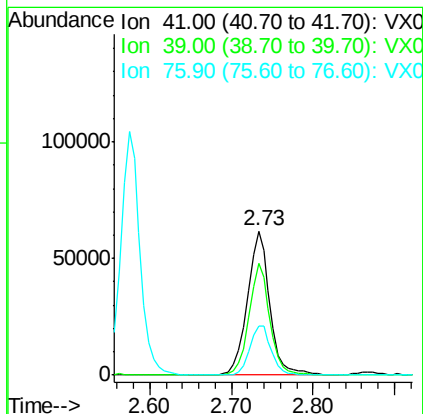
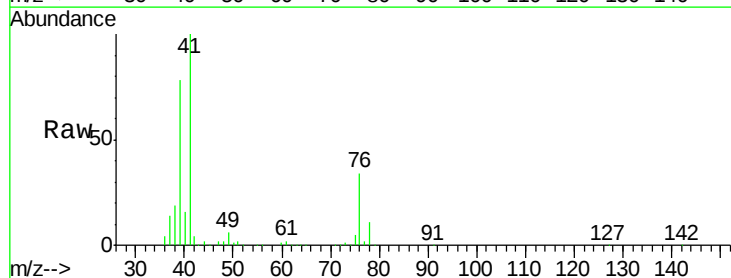
Tgt Ion: 41 Resp: 118453

Ion Ratio Lower Upper

41 100

39 71.4 57.6 86.4

76 32.8 27.3 40.9





#15

Acrylonitrile

Concen: 249.70 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

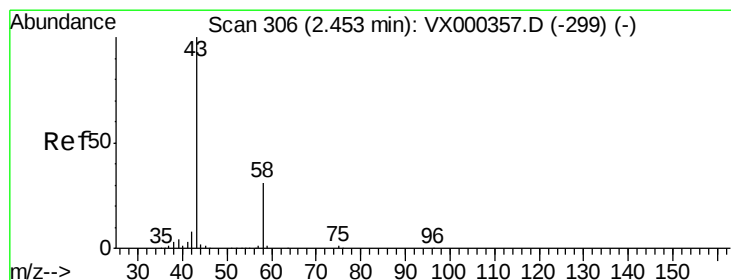
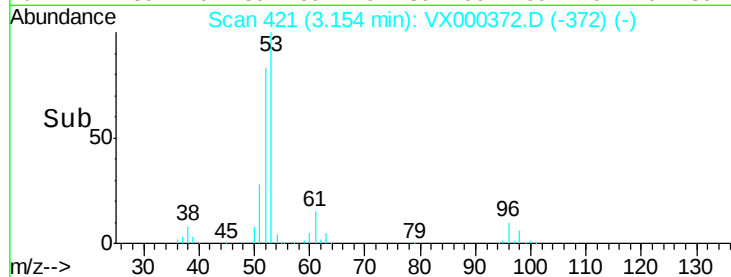
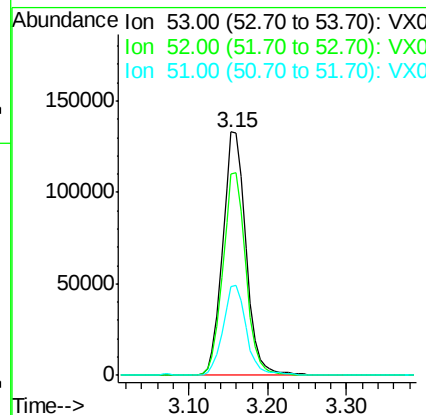
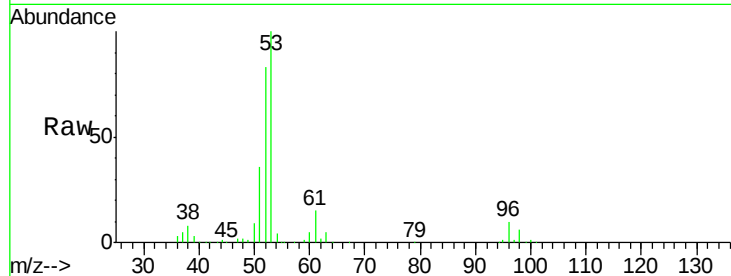
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	272692
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.6	99.8
51	37.5	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 233.70 ug/l

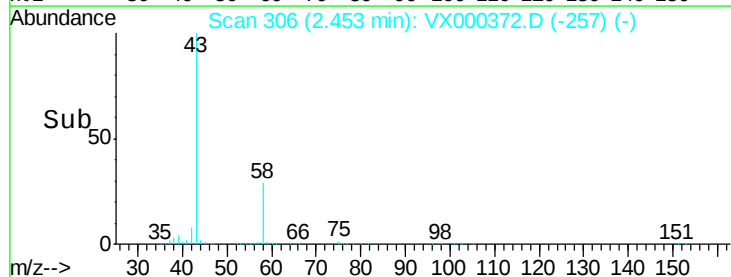
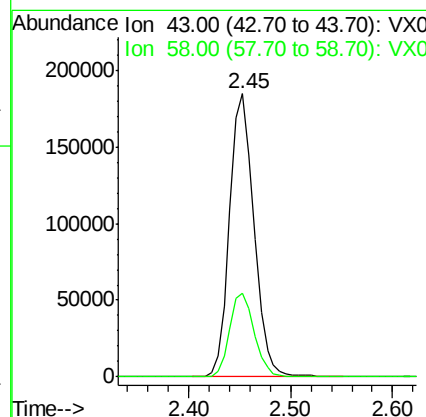
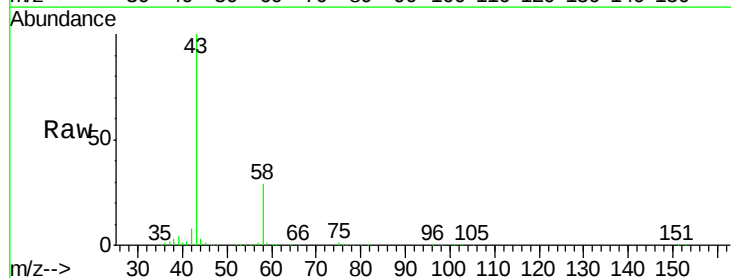
RT: 2.45 min Scan# 306

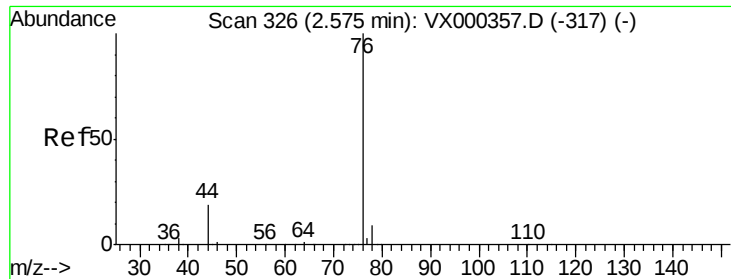
Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion:	43	Resp:	304751
Ion Ratio	Lower	Upper	
43	100		
58	29.5	24.7	37.1





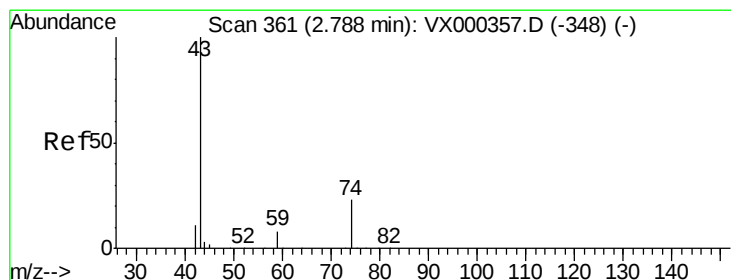
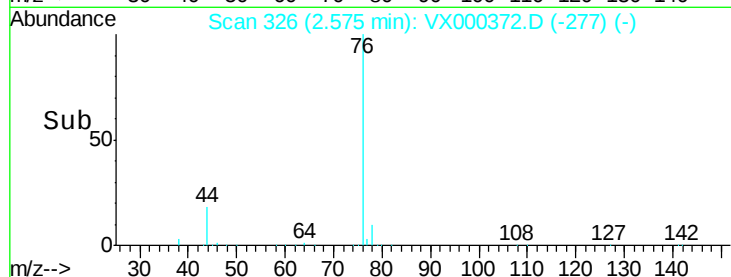
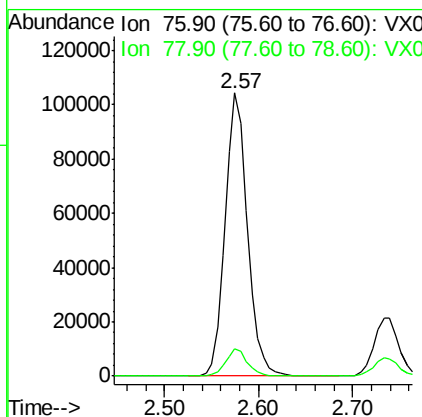
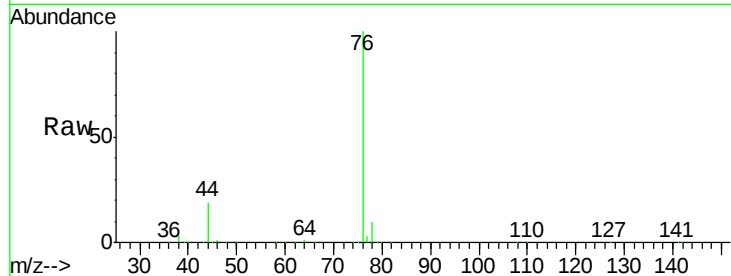
#17
Carbon Disulfide
Concen: 49.52 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.6

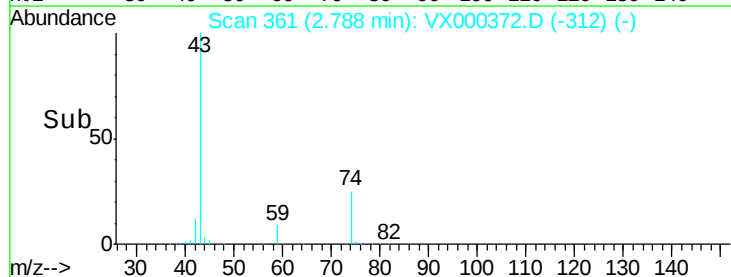
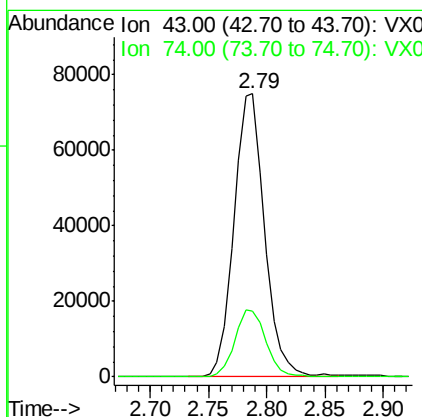
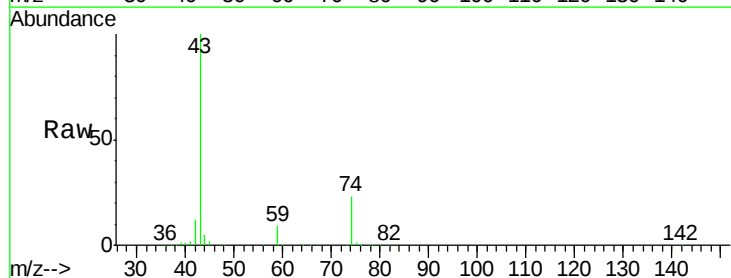
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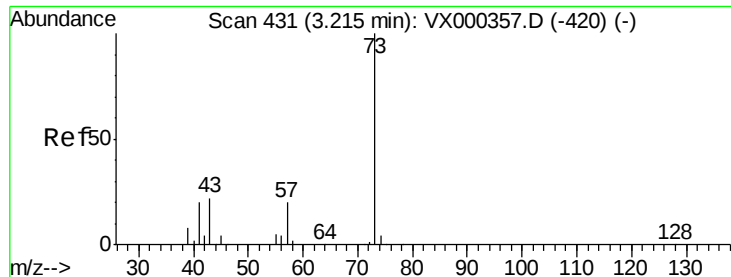
sam
3/21/2018 11:44:30 AM



#18
Methyl Acetate
Concen: 50.22 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.2





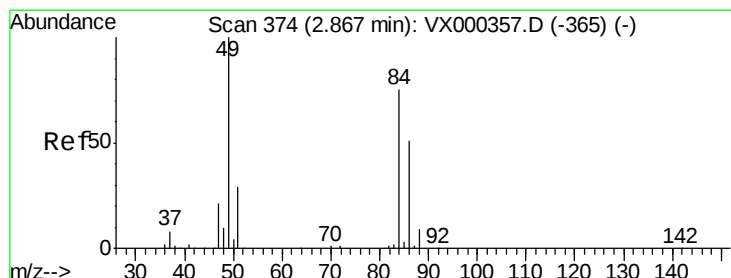
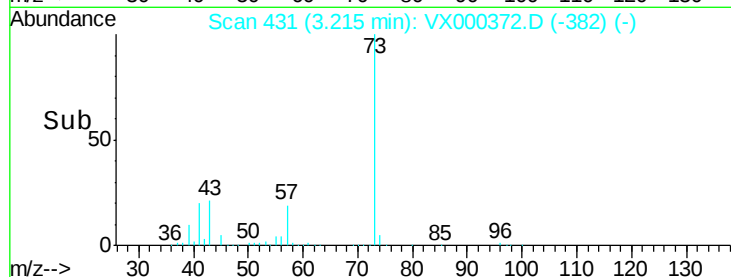
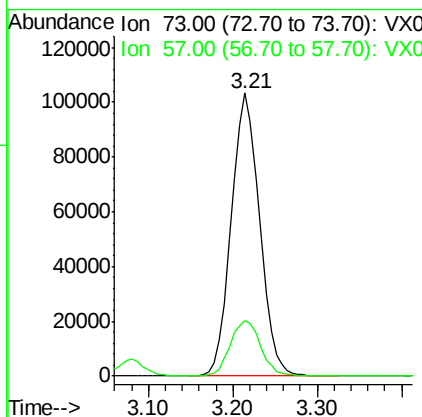
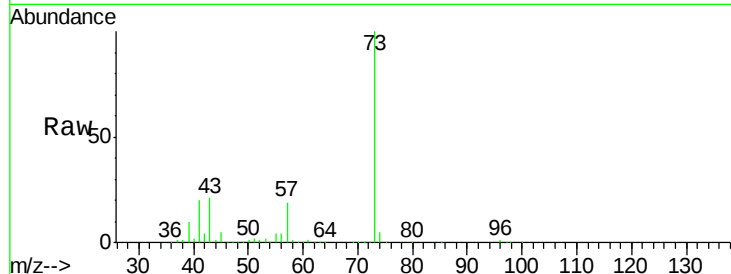
#19
Methyl tert-butyl Ether
Concen: 48.92 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	17.2	25.8

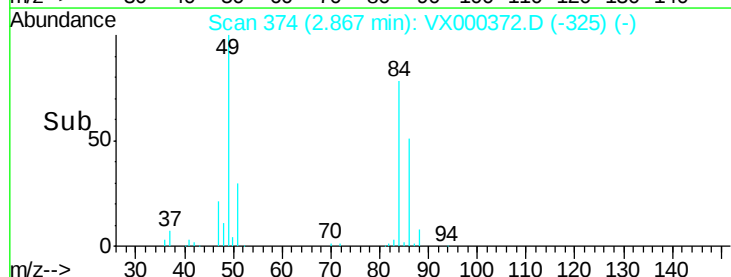
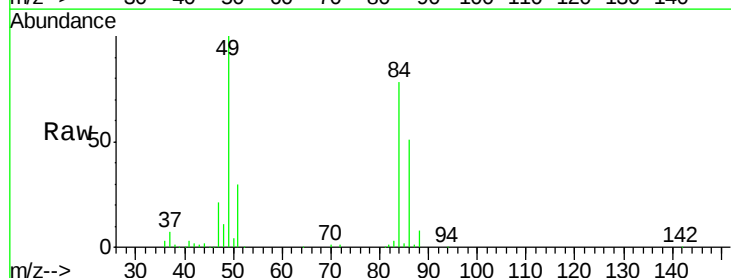
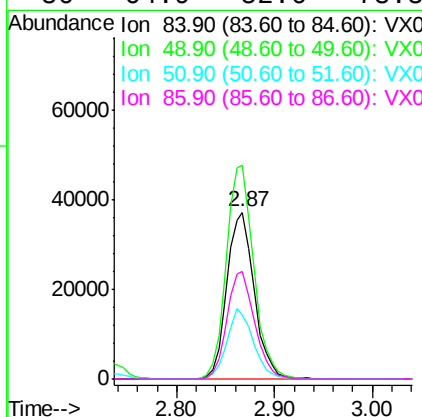
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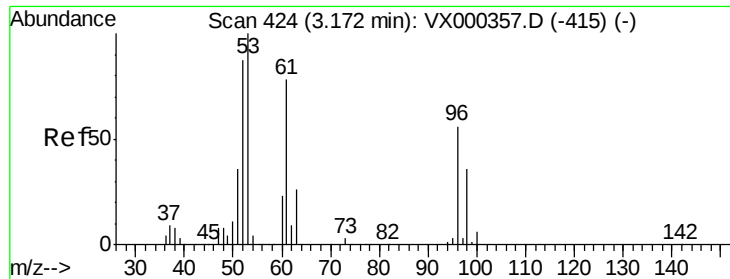
sam
3/21/2018 11:44:30 AM



#20
Methylene Chloride
Concen: 47.87 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.1	100.6	151.0
51	38.6	31.6	47.4
86	64.9	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 47.56 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

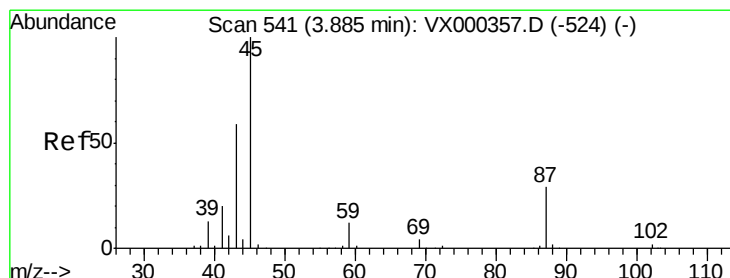
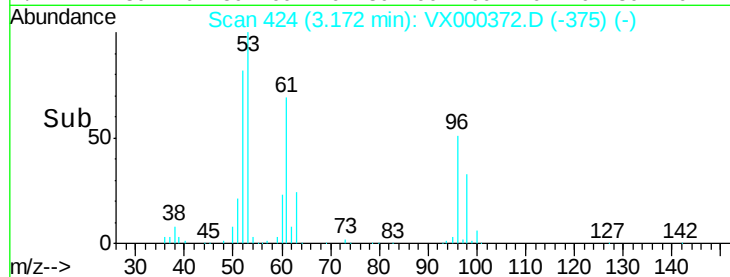
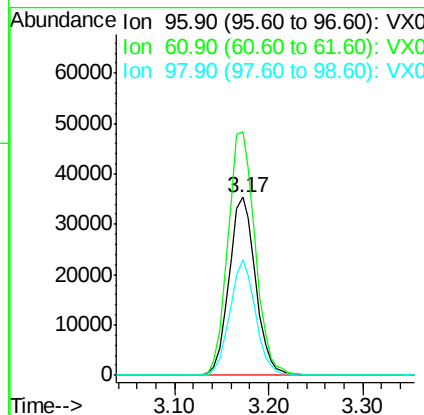
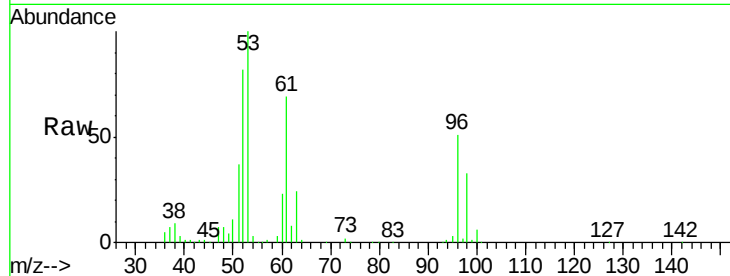
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	69051
Ion	Ratio	Lower	Upper
96	100		
61	136.8	104.0	156.0
98	64.8	52.1	78.1

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 45.73 ug/l

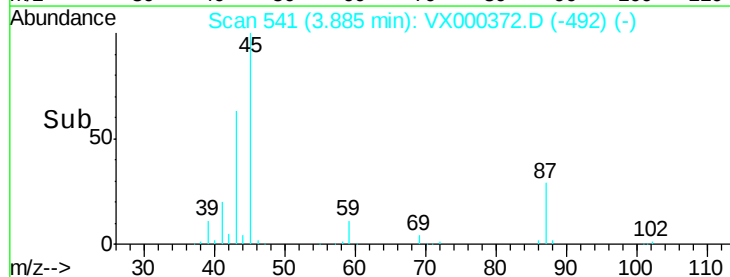
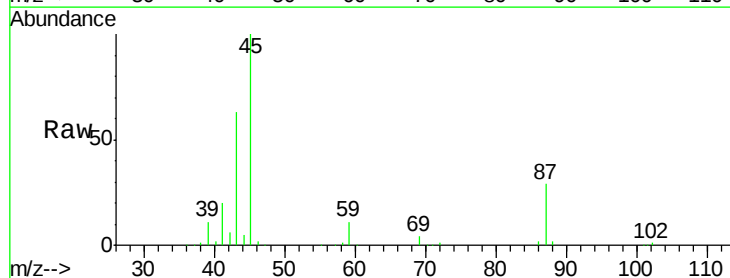
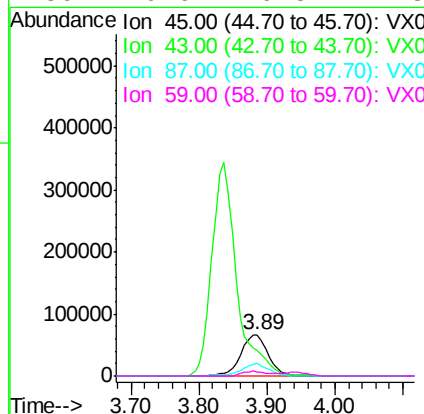
RT: 3.89 min Scan# 541

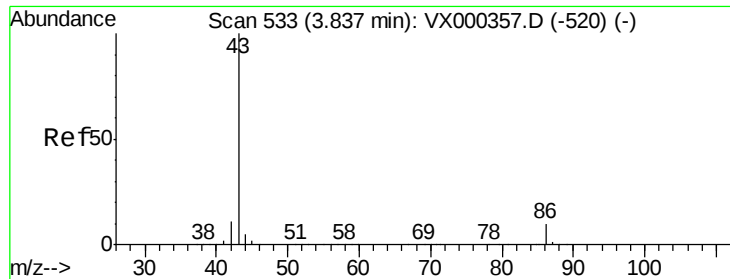
Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion:	45	Resp:	186053
Ion	Ratio	Lower	Upper
45	100		
43	62.5	53.9	80.9
87	29.5	22.6	34.0
59	10.6	9.5	14.3





#23

Vinyl Acetate

Concen: 227.94 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 879231

Ion Ratio Lower Upper

43 100

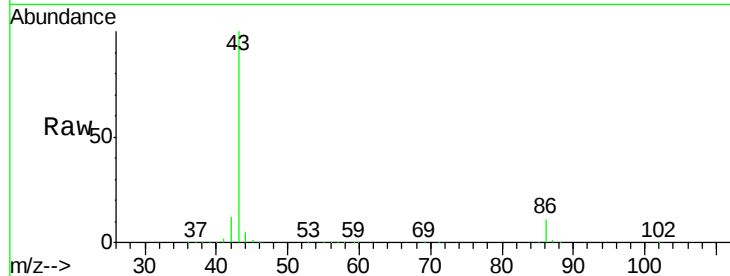
86 10.6 8.6 12.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

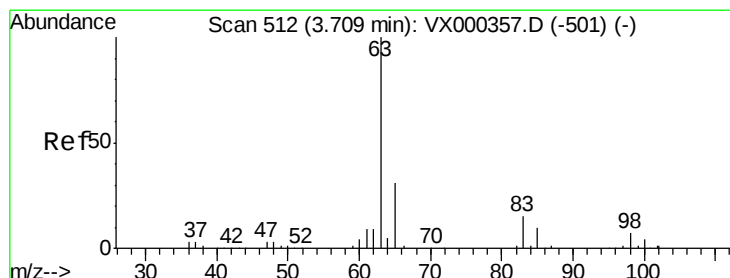
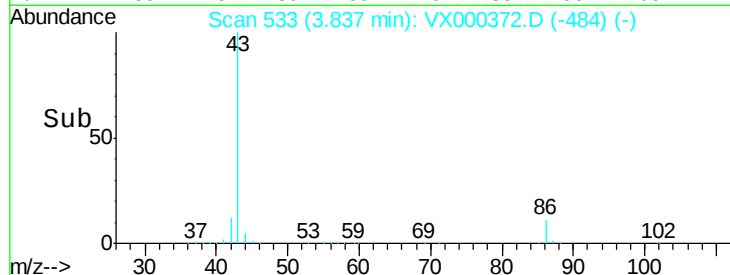
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.30 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

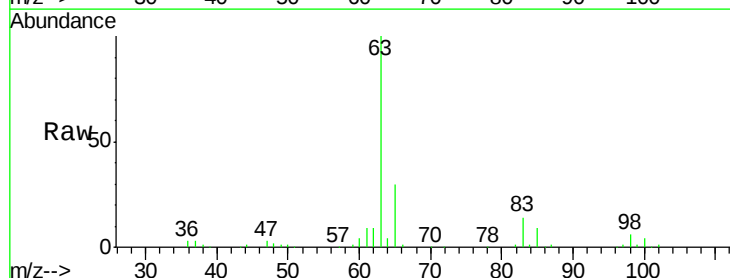
Tgt Ion: 63 Resp: 126113

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

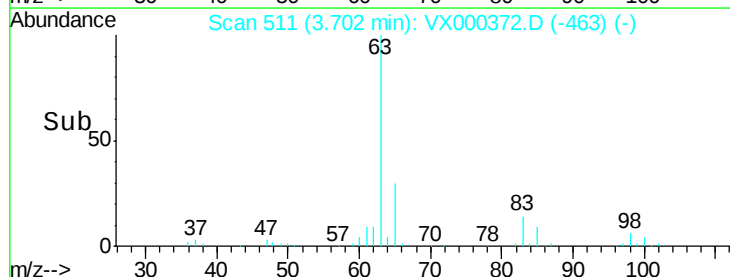
60000

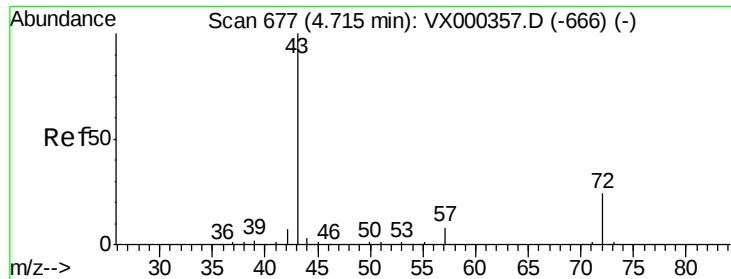
40000

20000

0

Time-->





#25

2-Butanone

Concen: 242.68 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 355699

Ion Ratio Lower Upper

43 100

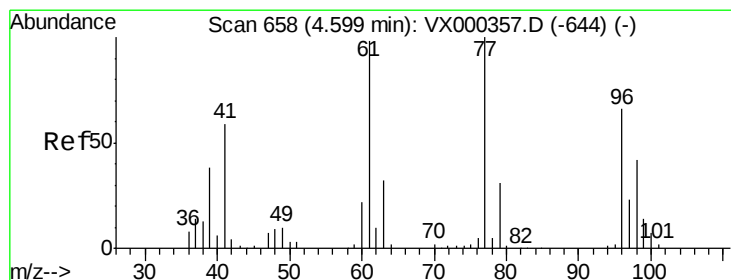
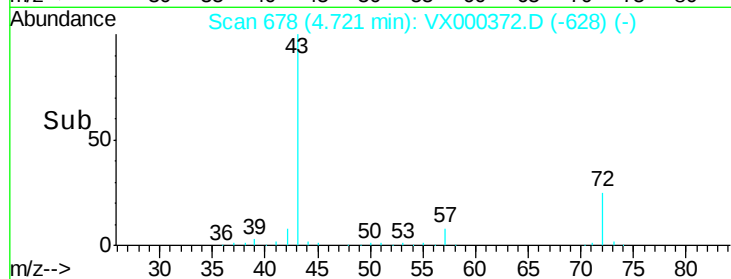
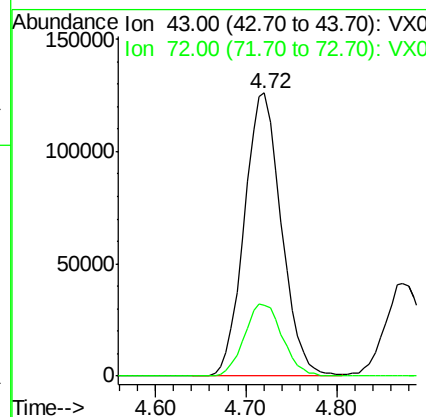
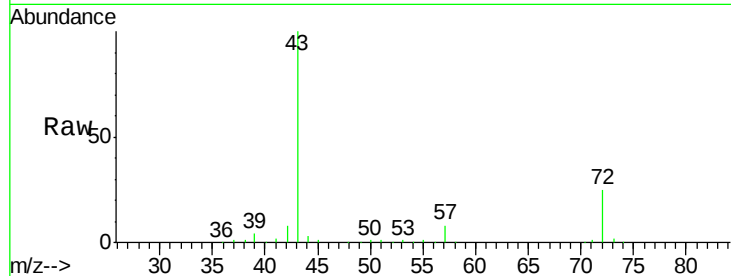
72 25.1 21.0 31.6

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 48.06 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000372.D

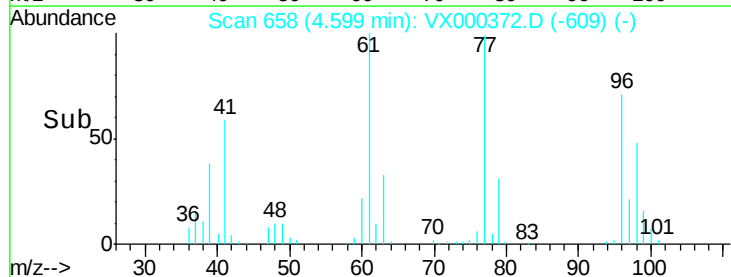
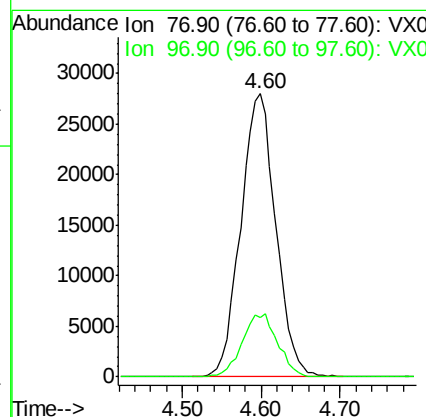
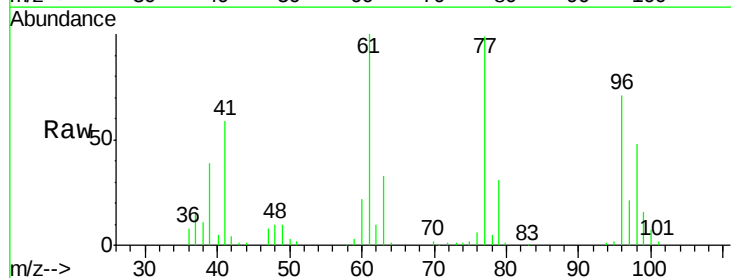
Acq: 20 Mar 2018 20:35

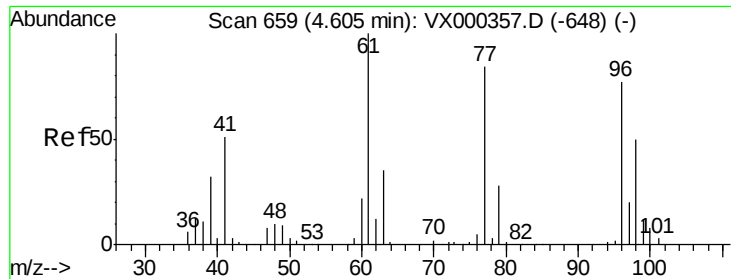
Tgt Ion: 77 Resp: 86180

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8





#27

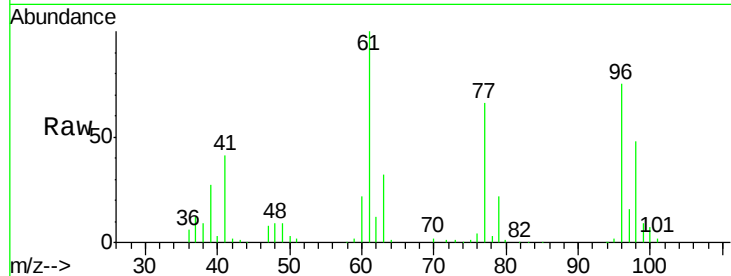
cis-1,2-Dichloroethene
Concen: 47.74 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	291.6
98	65.6	0.0	132.0

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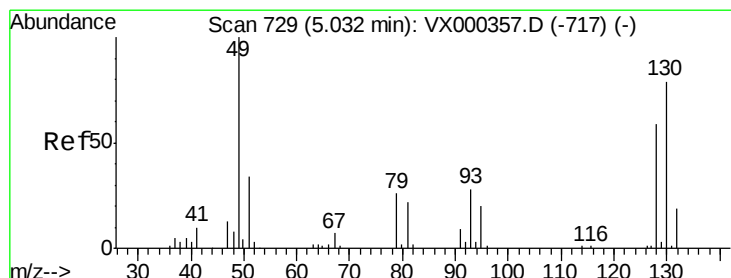
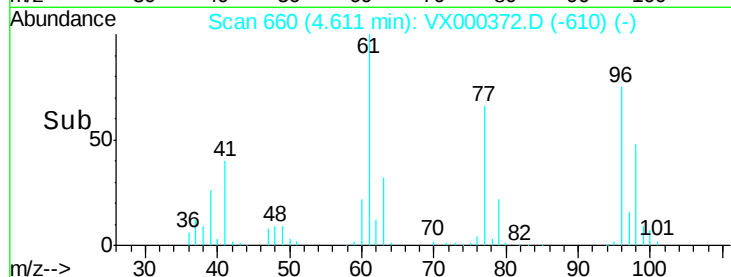
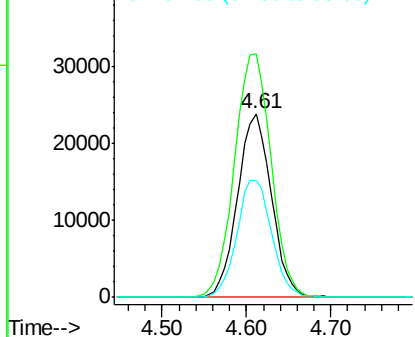


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

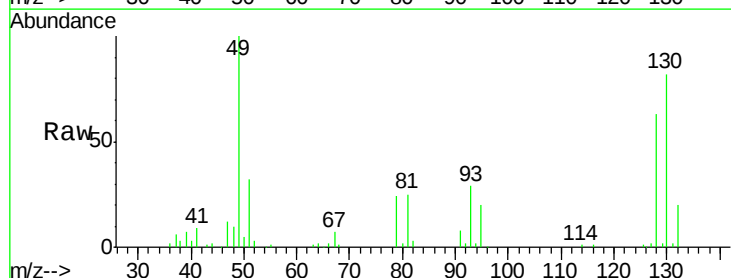
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 49.81 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	80.5	64.0	96.0

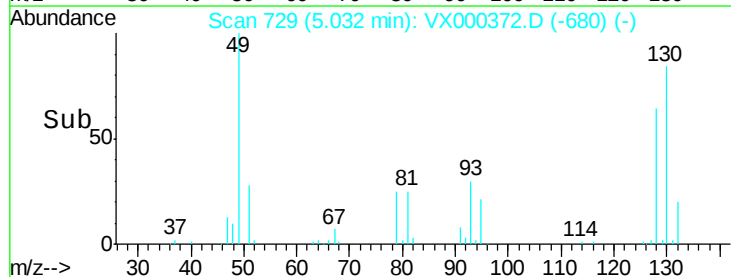
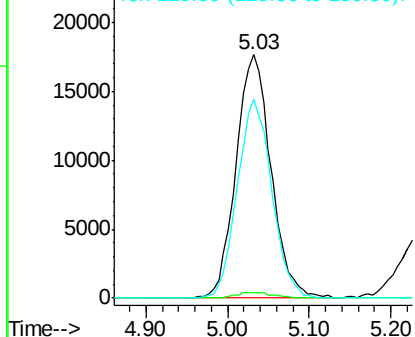


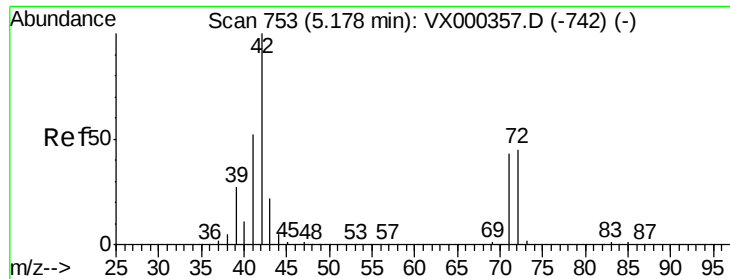
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





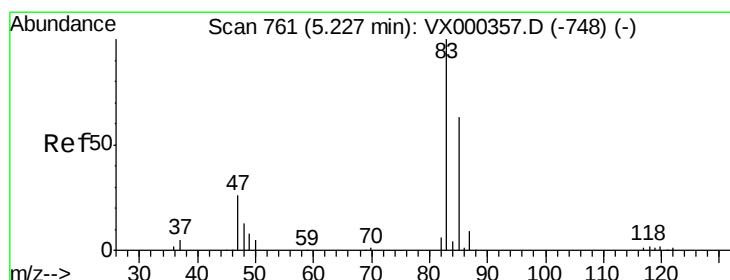
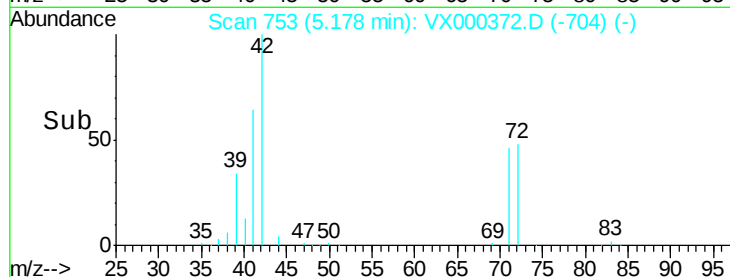
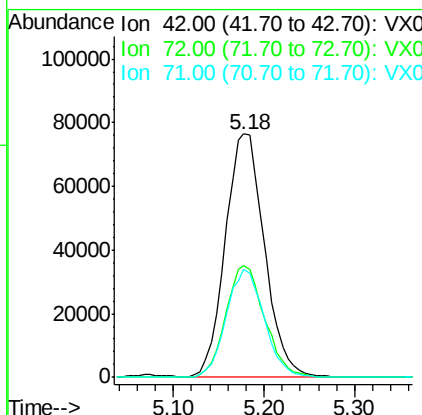
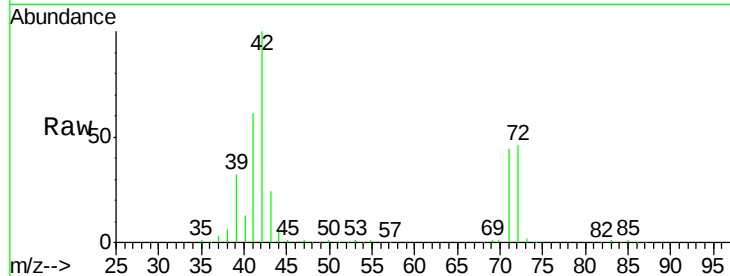
#29
Tetrahydrofuran
Concen: 252.63 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.9	56.9
71	43.4	34.4	51.6

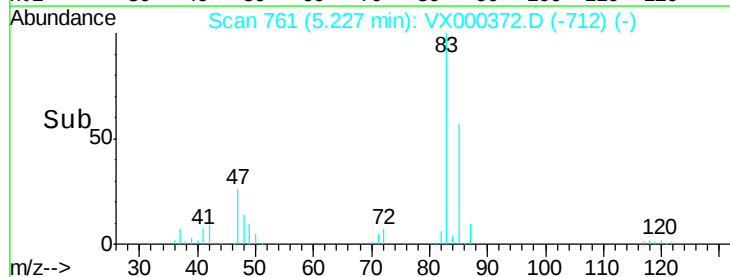
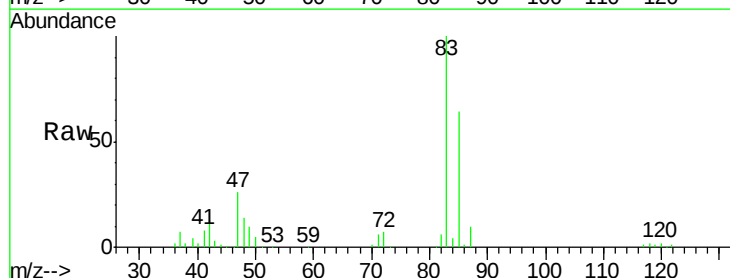
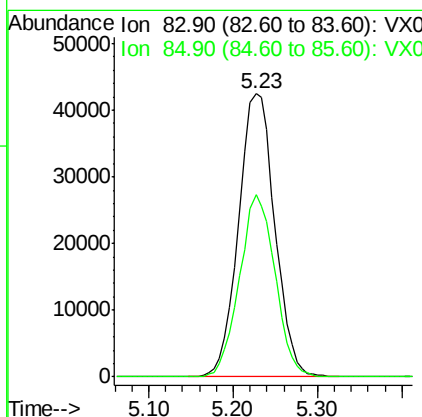
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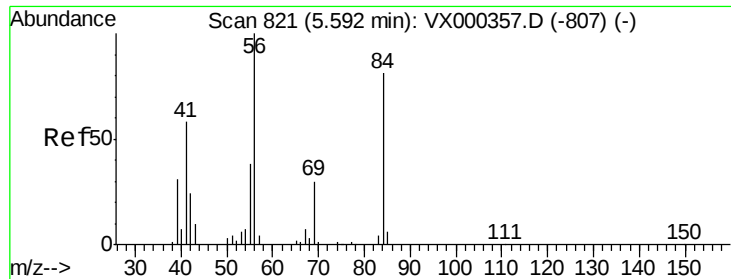
sam
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#30
Chloroform
Concen: 51.53 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.3	79.9





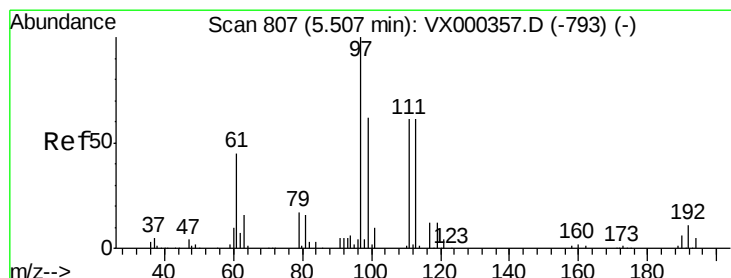
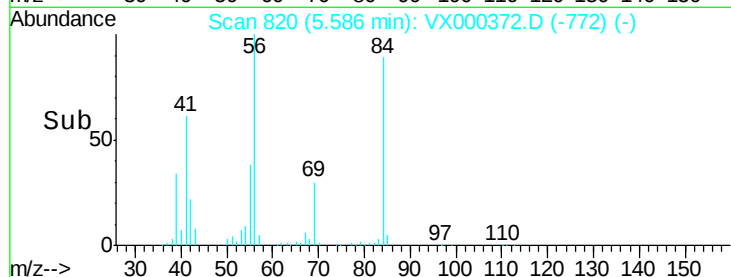
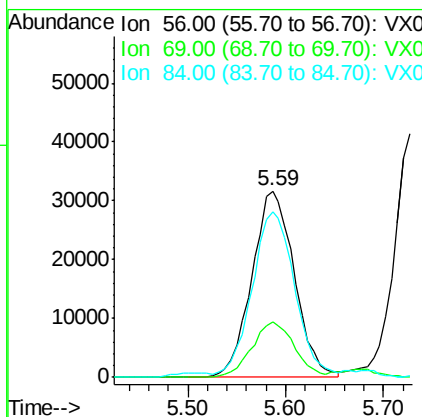
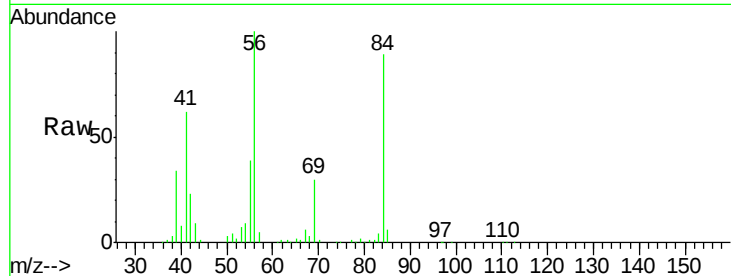
#31
Cyclohexane
Concen: 48.25 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.4	35.0
84	86.2	71.0	106.4

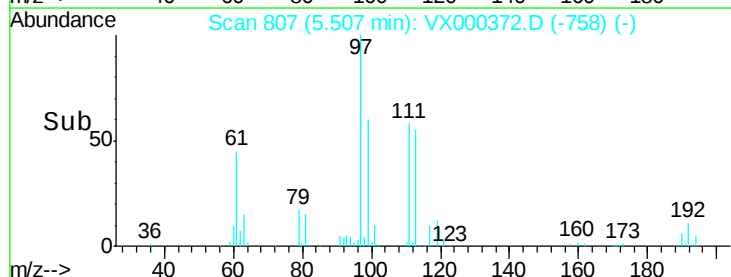
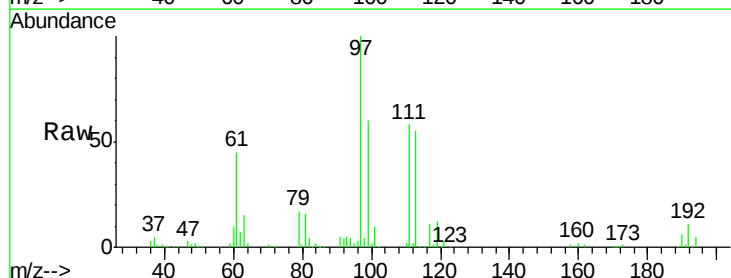
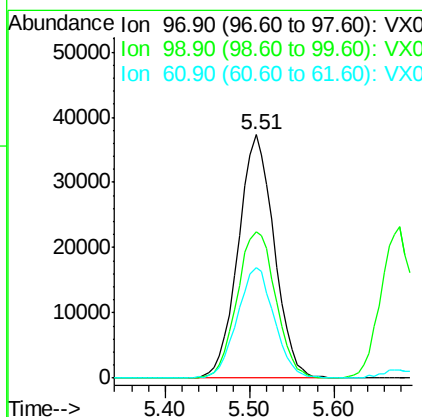
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#32
1,1,1-Trichloroethane
Concen: 49.89 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	46.7	36.2	54.4





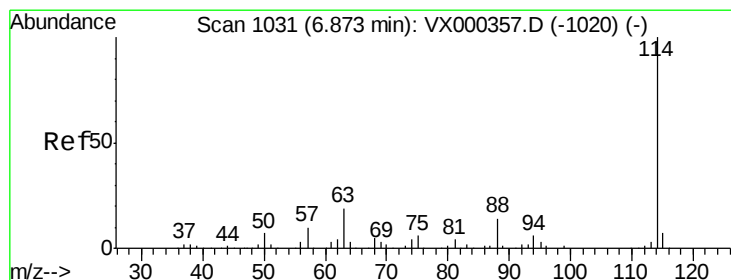
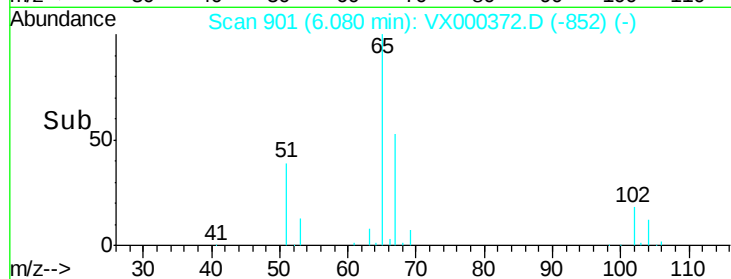
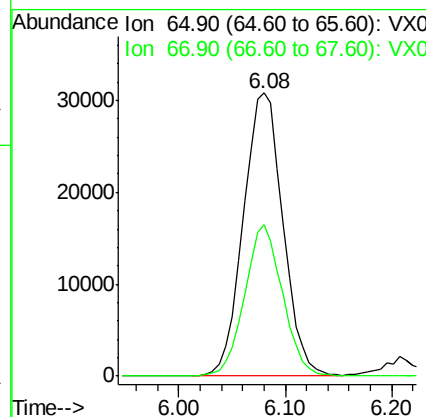
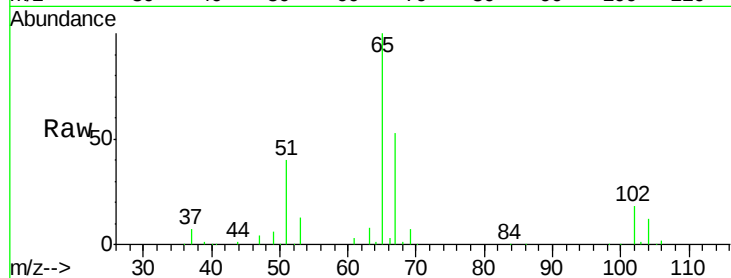
#33
 1,2-Dichloroethane-d4
 Concen: 51.44 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.2

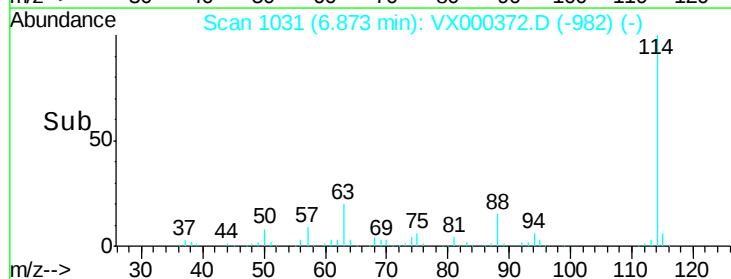
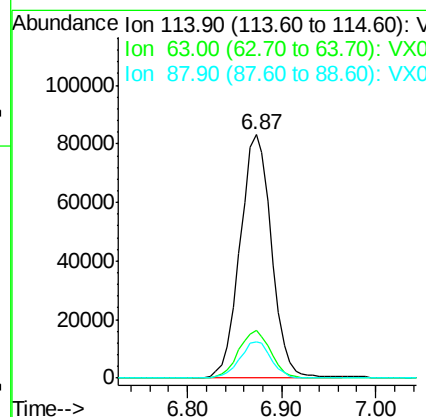
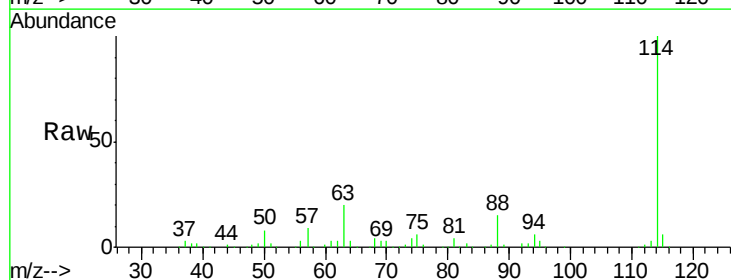
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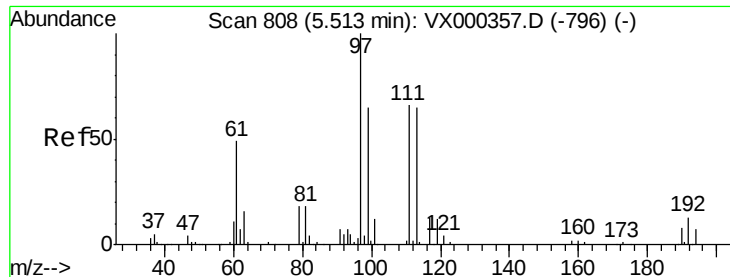
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	14.8	0.0	27.0





#35

Dibromofluoromethane

Concen: 51.66 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 63252

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

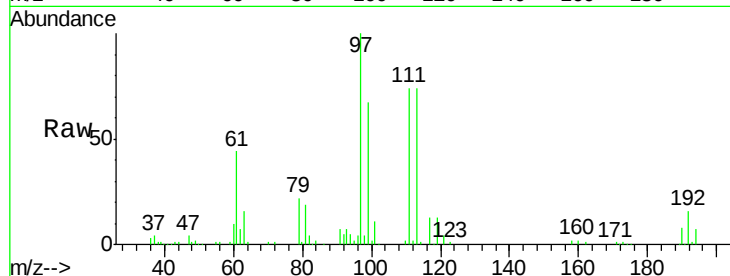
192 20.5 15.8 23.6

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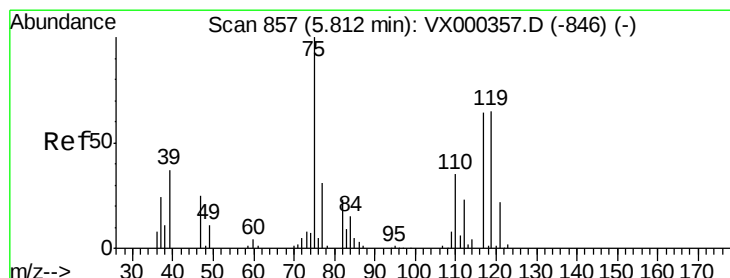
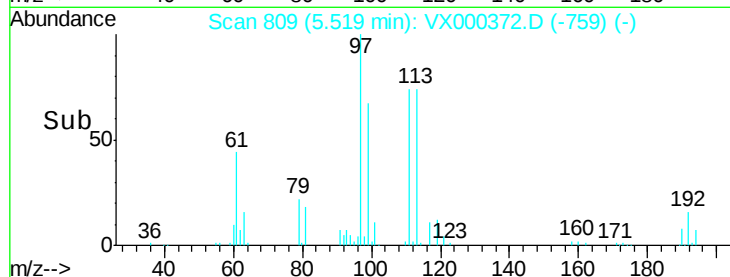
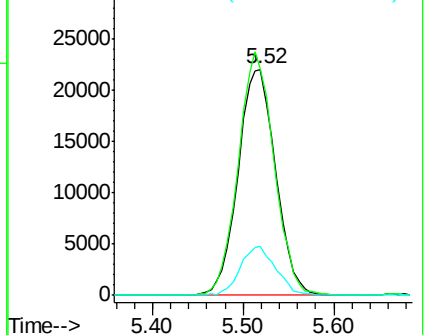
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.58 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

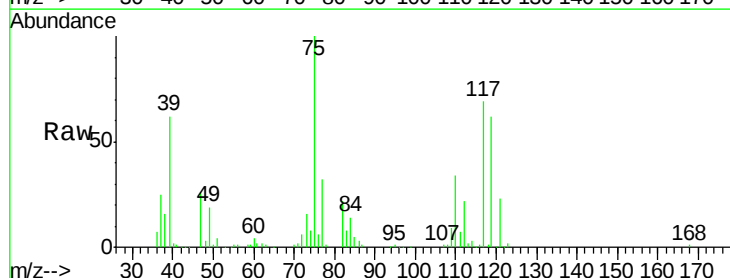
Tgt Ion: 75 Resp: 88413

Ion Ratio Lower Upper

75 100

110 35.1 17.9 53.7

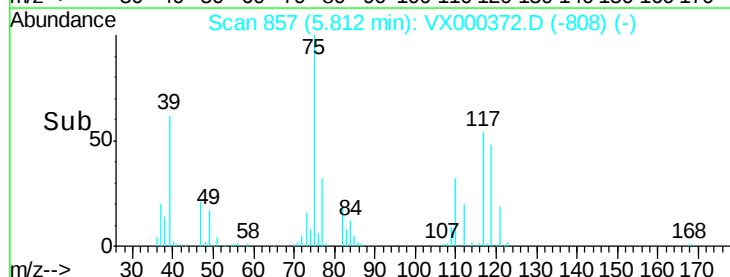
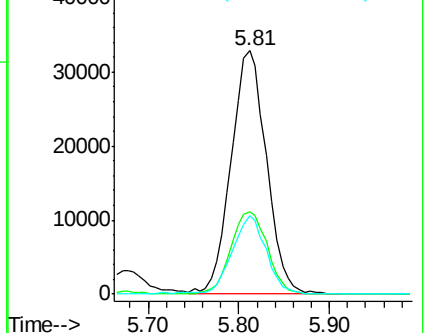
77 31.3 24.0 36.0

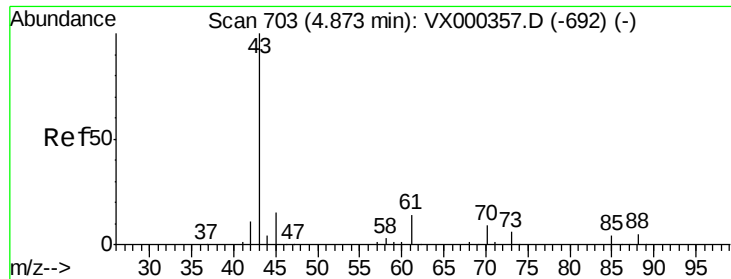


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





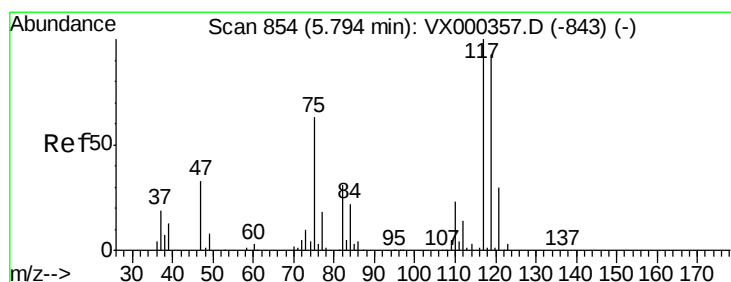
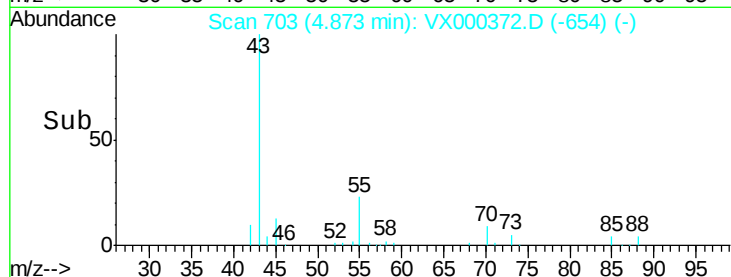
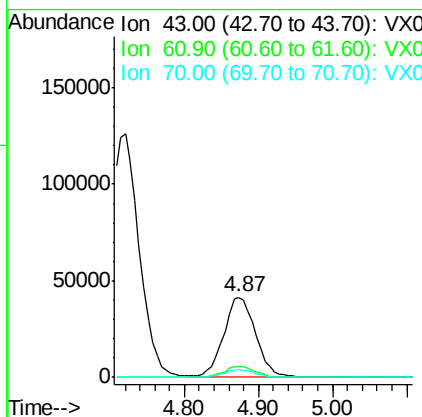
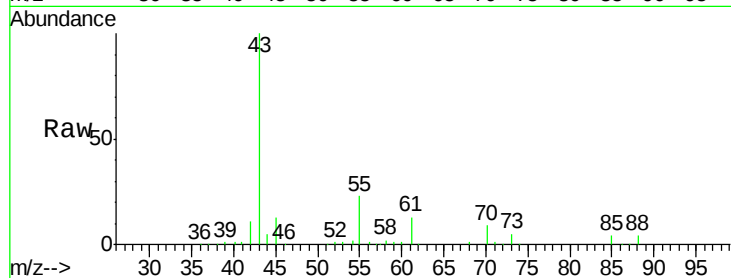
#37
Ethyl Acetate
Concen: 49.42 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	9.2	7.7	11.5

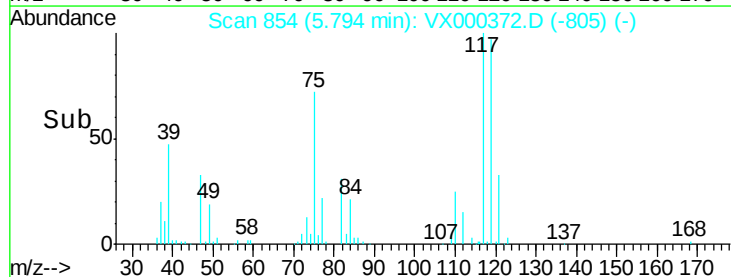
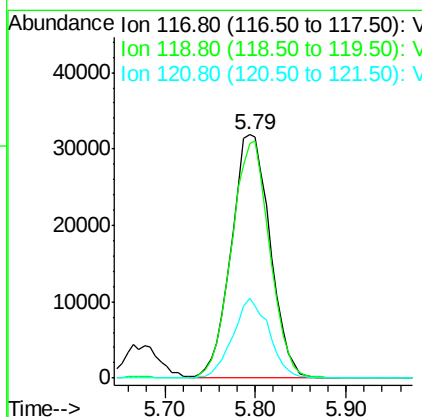
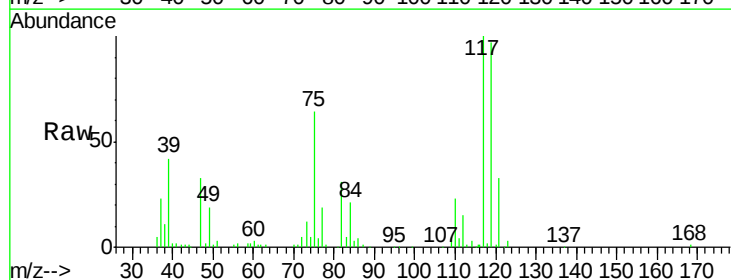
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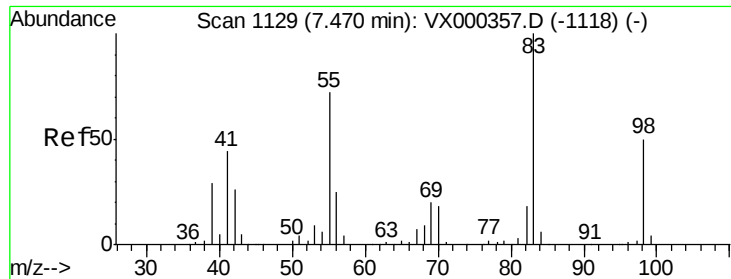
sam
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#38
Carbon Tetrachloride
Concen: 49.66 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.2
121	32.8	24.8	37.2





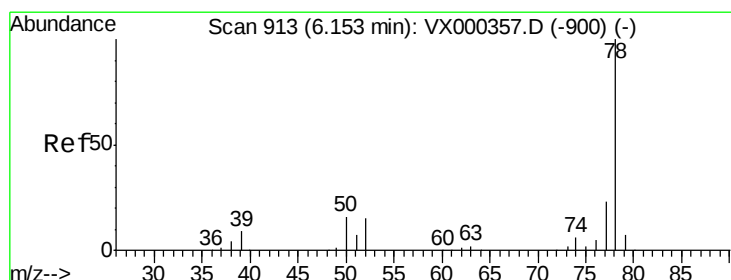
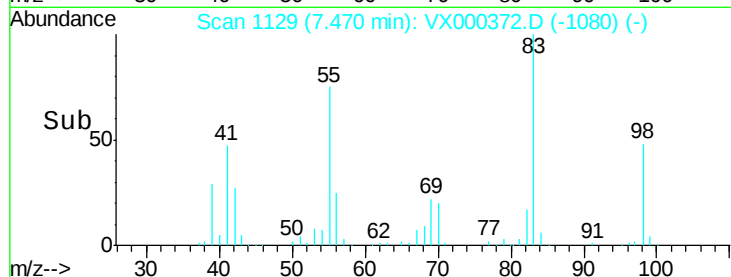
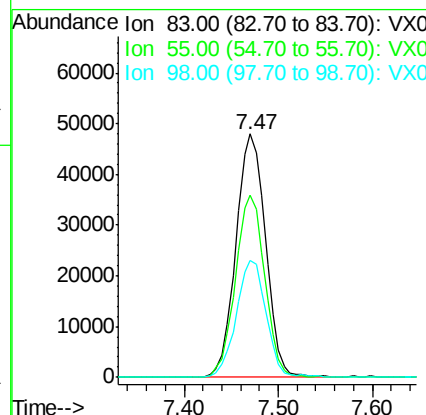
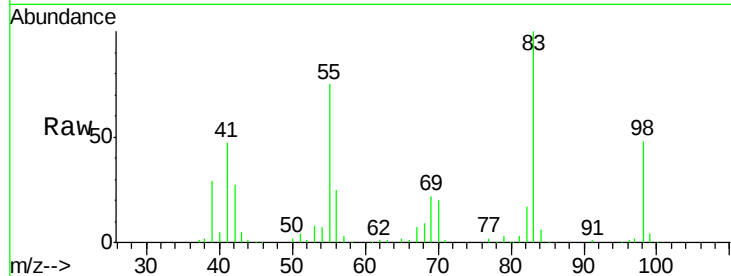
#39
Methvlcvclohexane
Concen: 47.65 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	105479
Ion Ratio	Lower	Upper	
83	100		
55	74.8	55.5	83.3
98	47.9	38.2	57.4

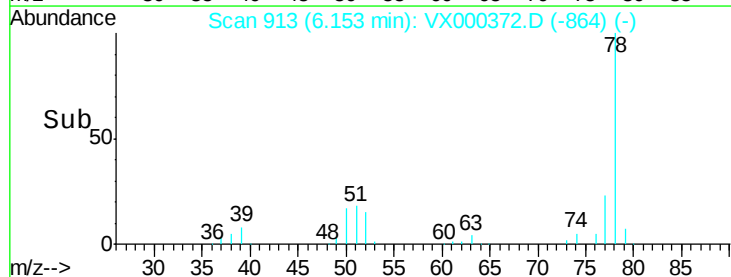
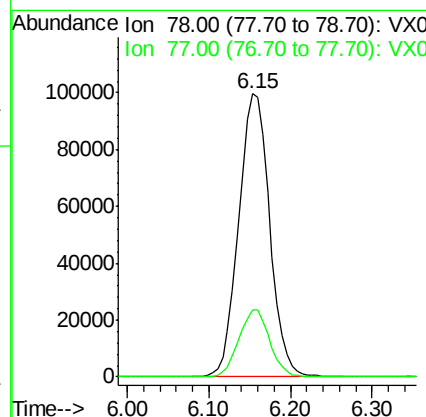
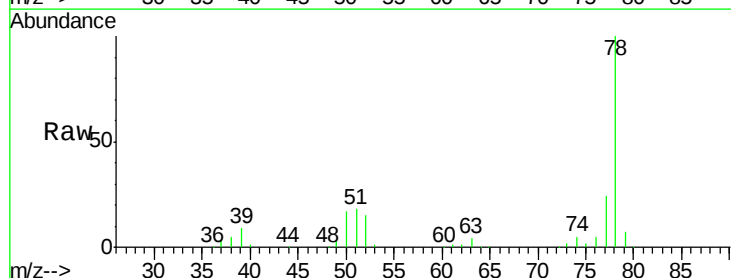
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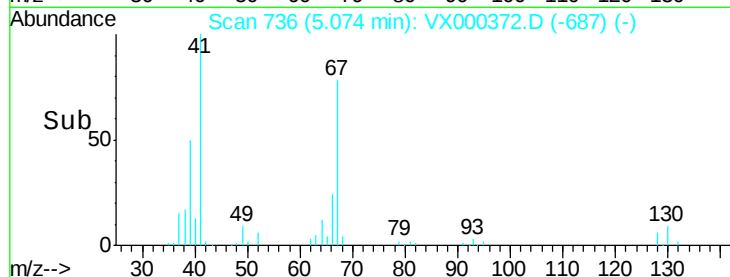
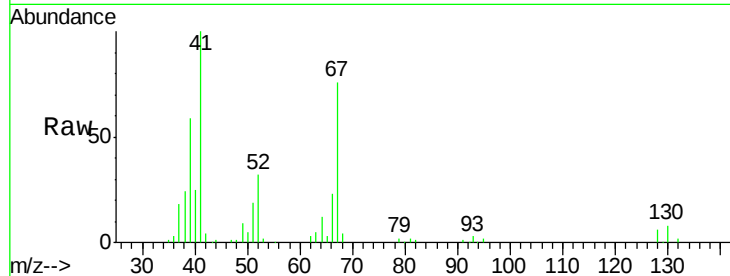
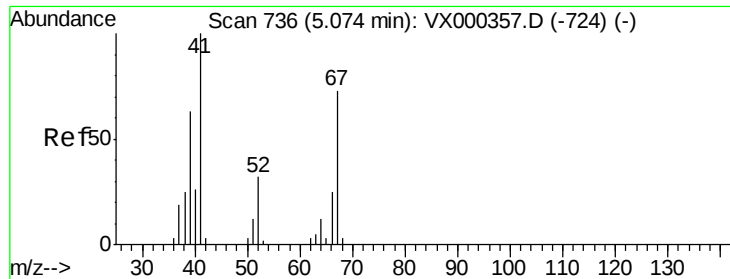
sam
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#40
Benzene
Concen: 49.61 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	78	Resp	262225
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.7	28.1





#41

Methacrylonitrile

Concen: 48.71 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.2	45.7	68.5	
67	74.8	57.8	86.8	
52	32.1	26.7	40.1	

Instrument :

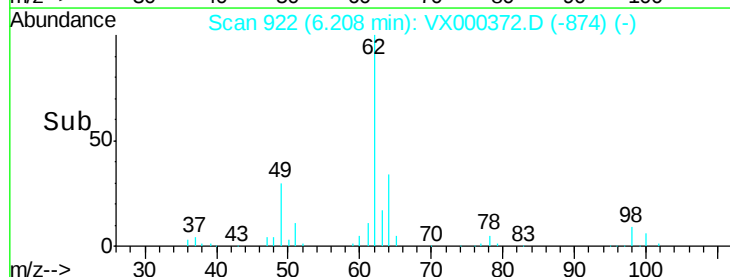
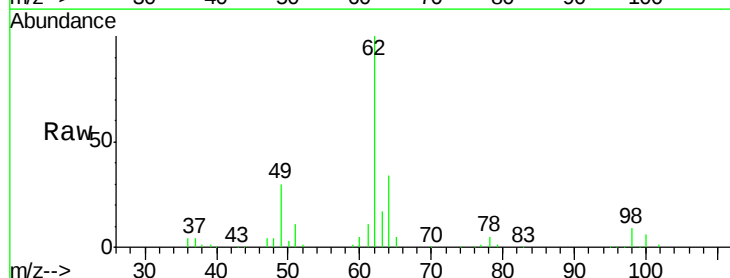
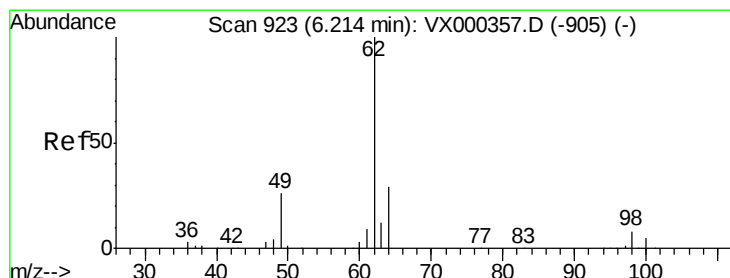
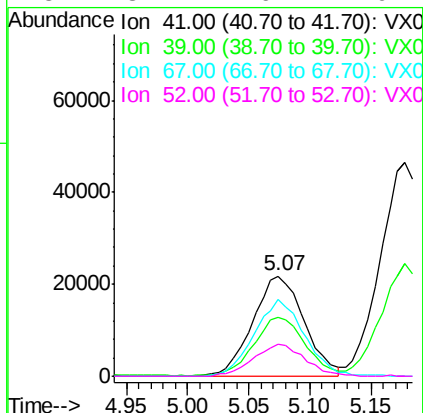
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#42

1,2-Dichloroethane

Concen: 49.57 ug/l

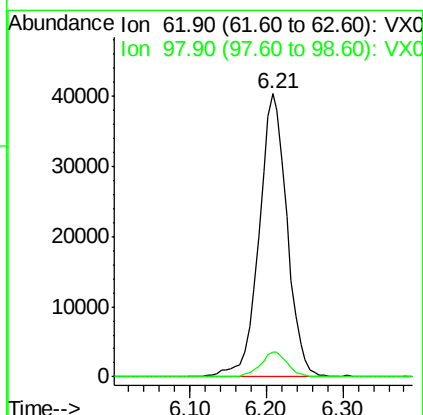
RT: 6.21 min Scan# 922

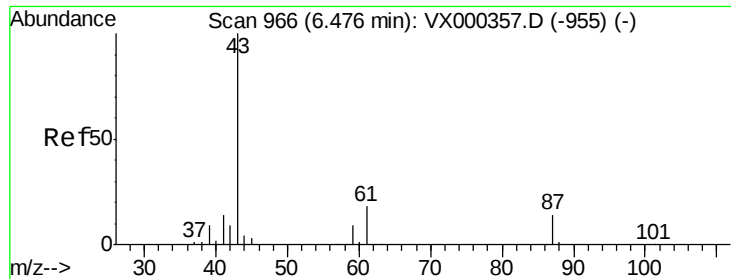
Delta R.T. -0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	15.8	





#43

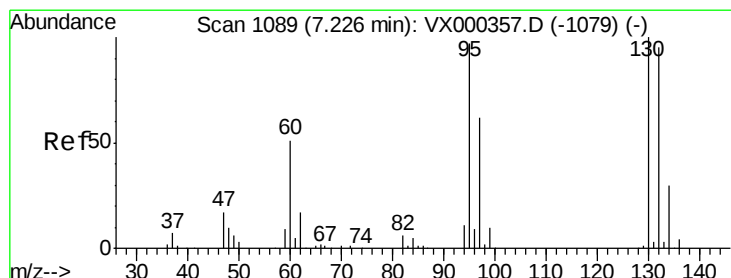
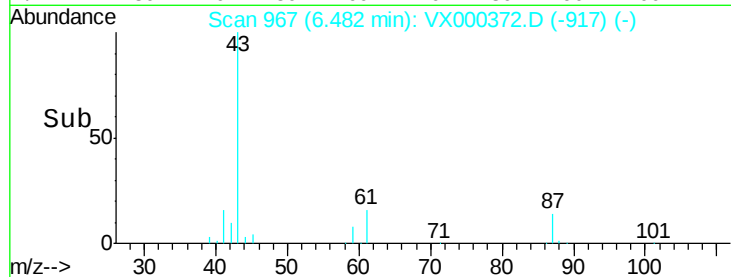
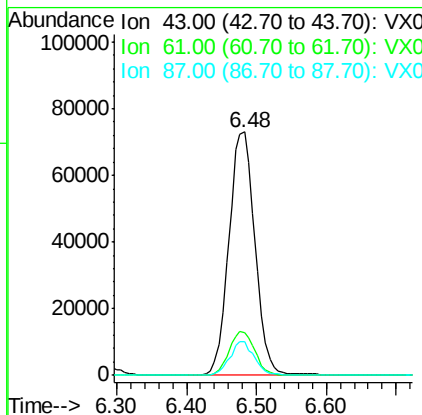
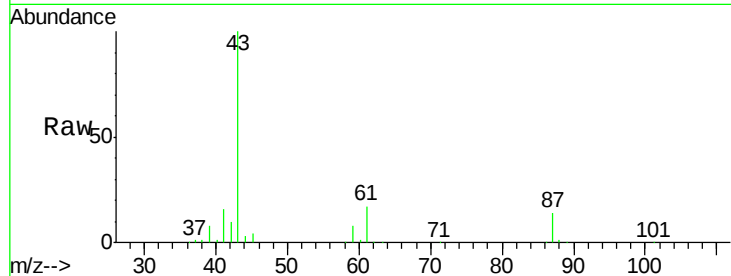
Isopropyl Acetate
 Concen: 51.20 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	12.8	11.0	16.4

Manual Integrations
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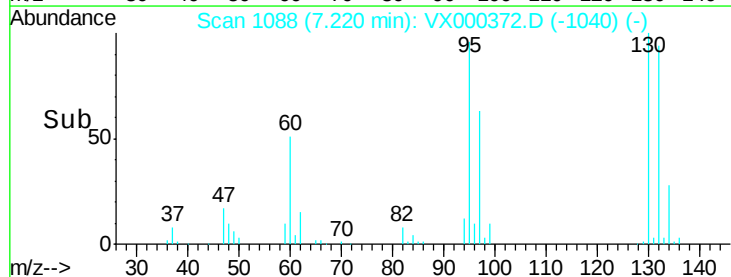
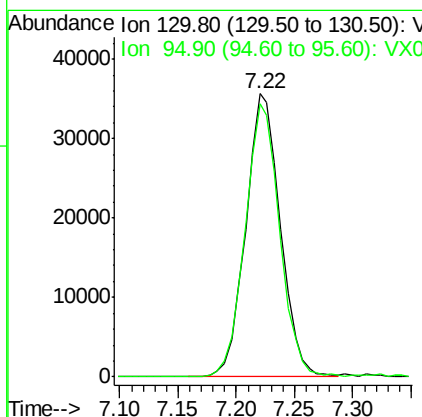
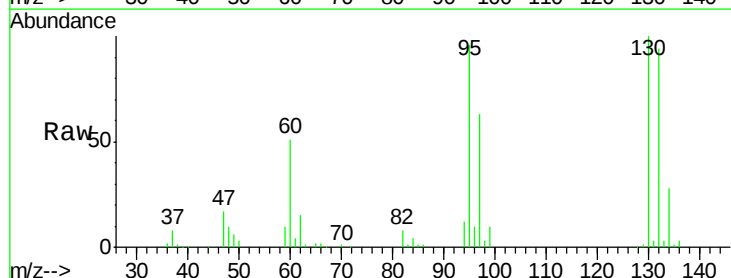
sam
 3/21/2018 11:44:30 AM



#44

Trichloroethene
 Concen: 48.55 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	186.0





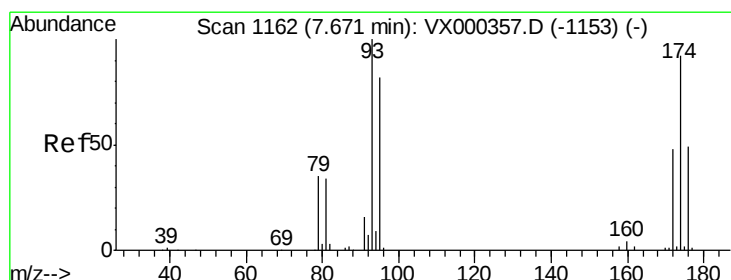
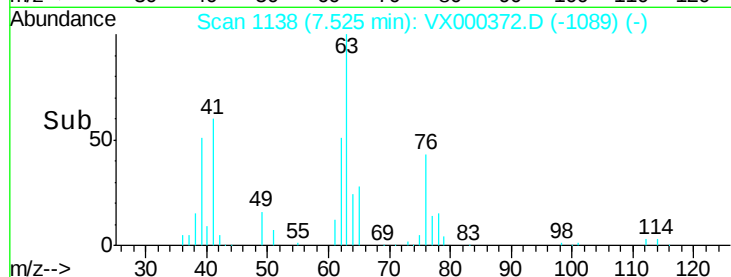
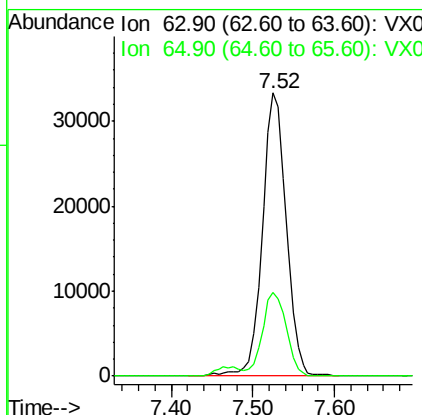
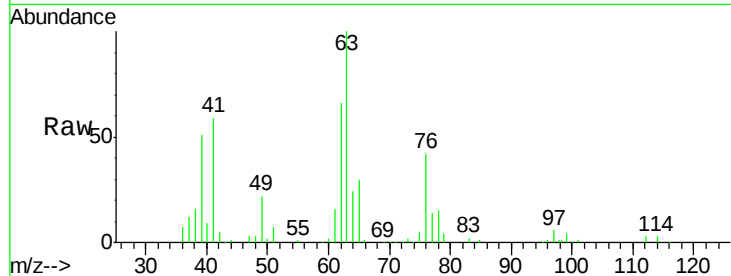
#45
 1,2-Dichloropropane
 Concen: 50.37 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 68152
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 36.8

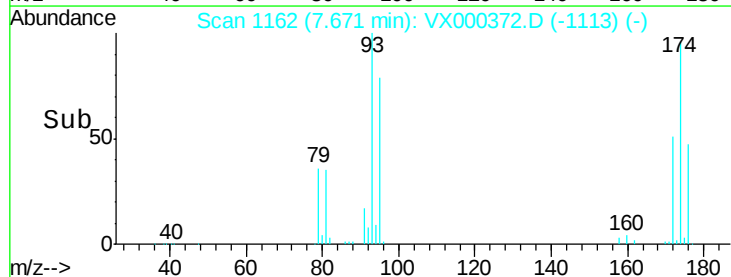
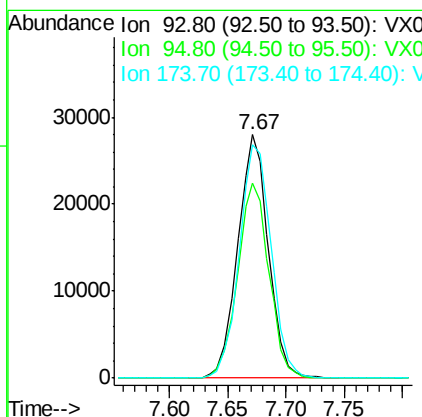
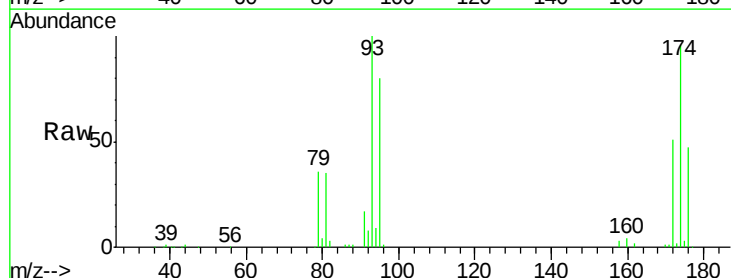
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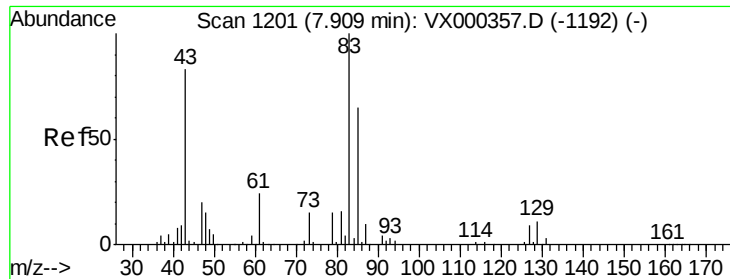
sam
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#46
 Dibromomethane
 Concen: 48.05 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 93 Resp: 51026
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.5 99.7
 174 100.6 76.0 114.0





#47

Bromodichloromethane

Concen: 52.23 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

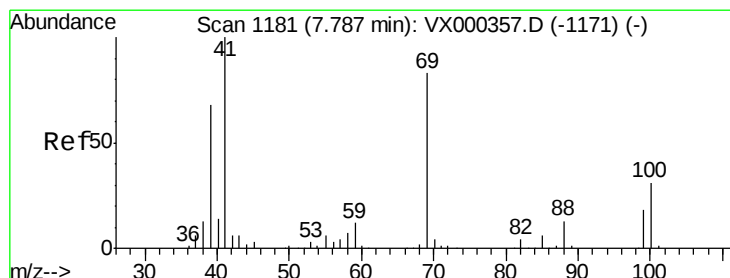
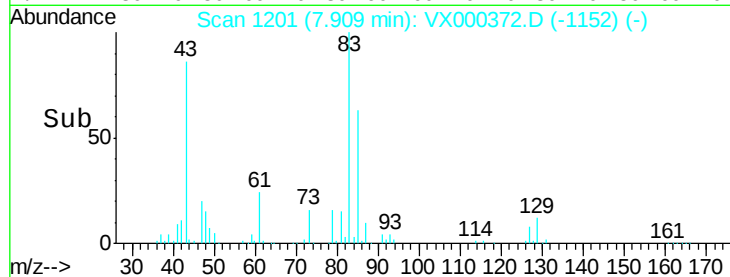
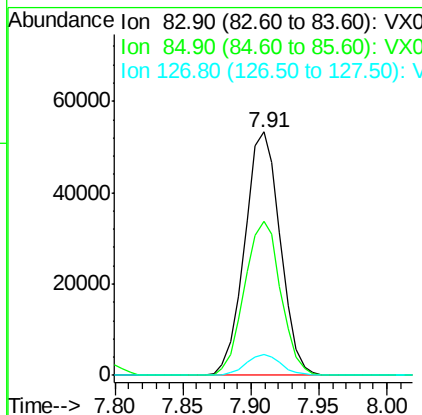
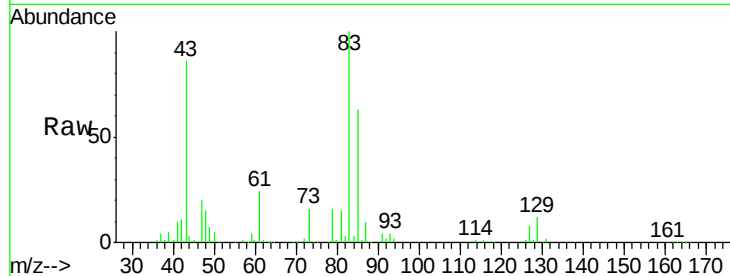
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	97581
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.4	77.0
127	8.4	7.0	10.6

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#48

Methyl methacrylate

Concen: 51.59 ug/l

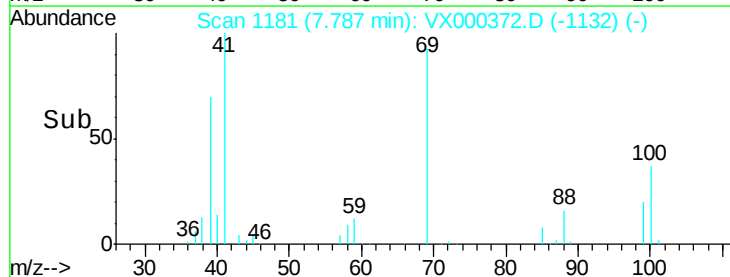
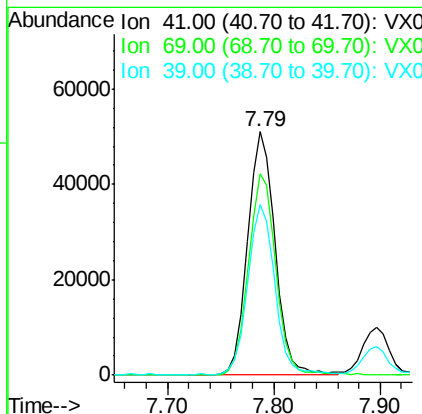
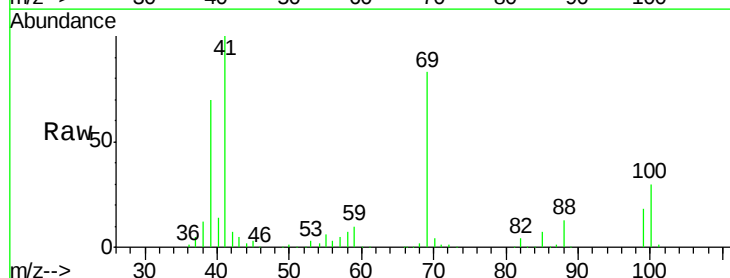
RT: 7.79 min Scan# 1181

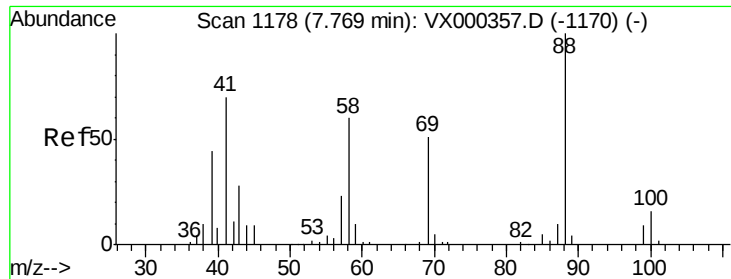
Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion:	41	Resp:	92685
Ion Ratio	Lower	Upper	
41	100		
69	82.5	68.2	102.4
39	68.2	54.6	81.8





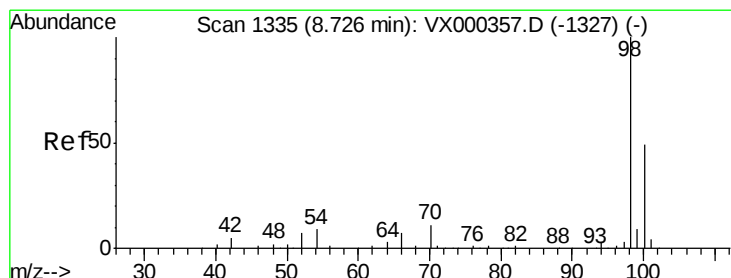
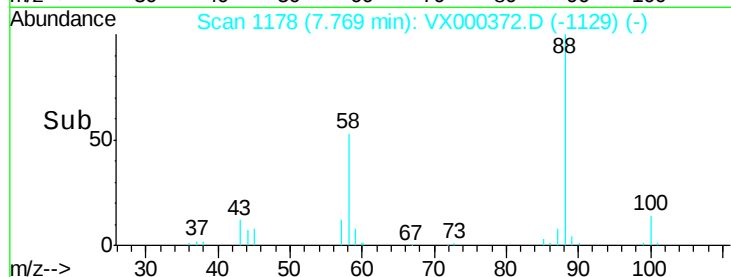
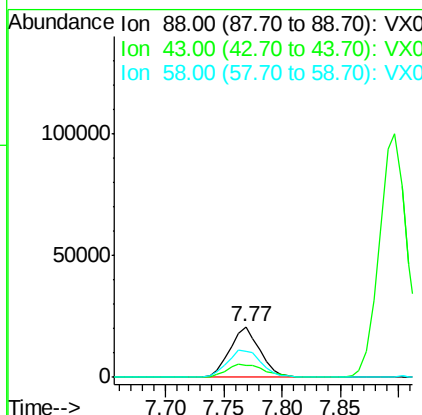
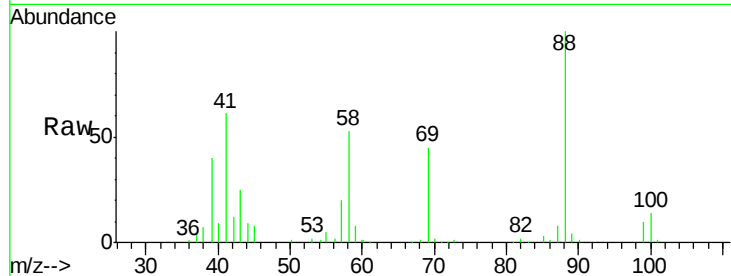
#49
1,4-Dioxane
Concen: 991.37 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.8	40.2
58	60.9	52.2	78.2

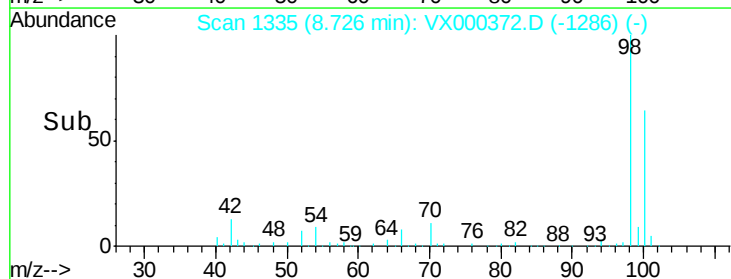
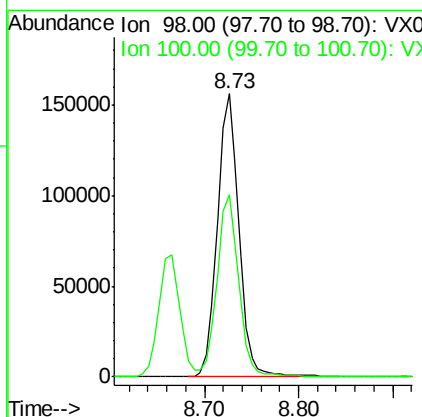
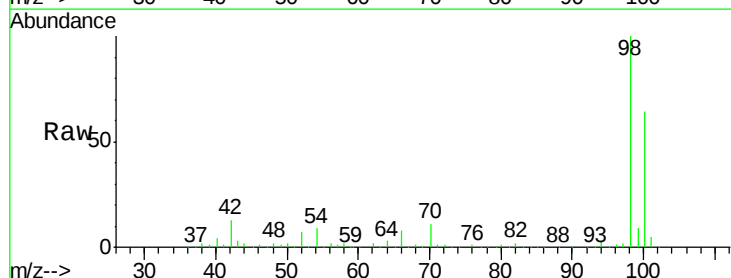
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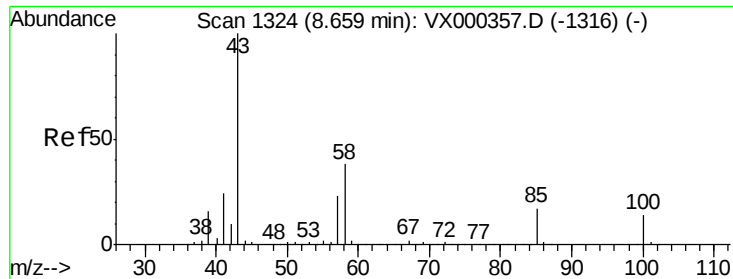
sam
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#50
Toluene-d8
Concen: 48.78 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 252.35 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 722858

Ion Ratio Lower Upper

43 100

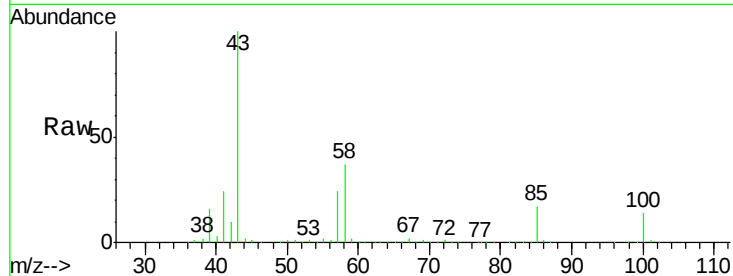
58 37.1 30.3 45.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400000

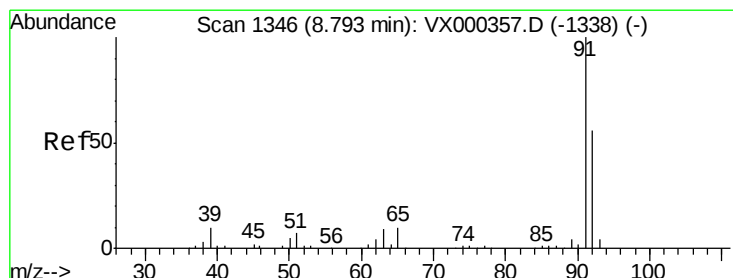
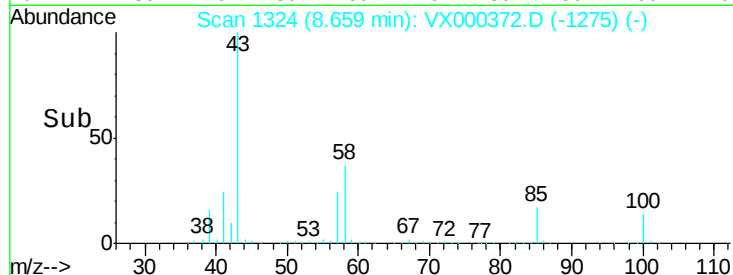
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.91 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000372.D

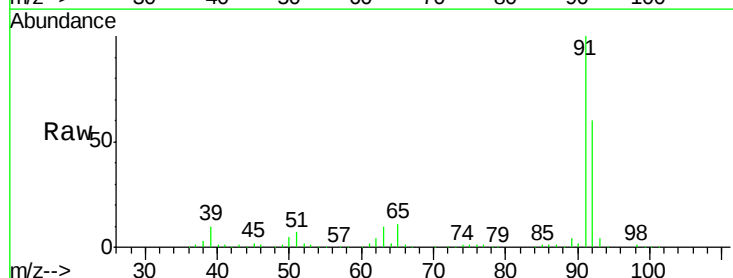
Acq: 20 Mar 2018 20:35

Tgt Ion: 92 Resp: 177045

Ion Ratio Lower Upper

92 100

91 172.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

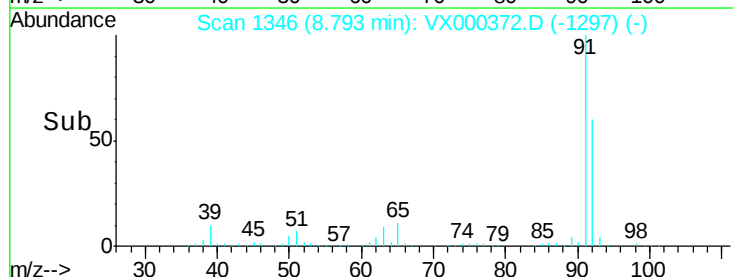
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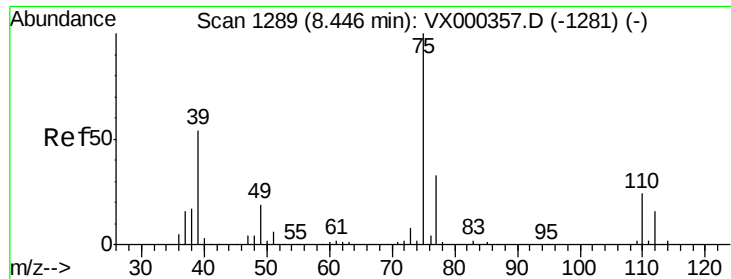
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50000

0

Time-->





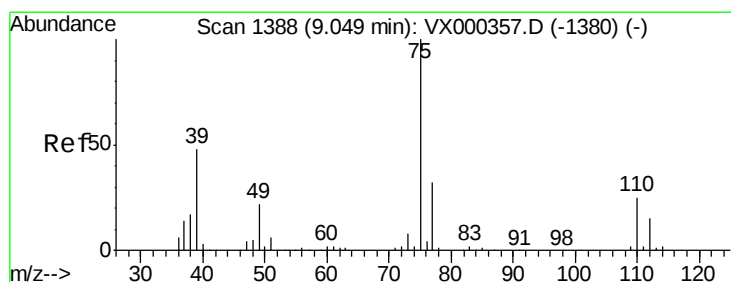
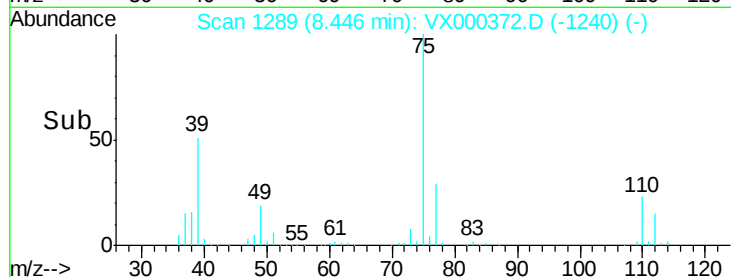
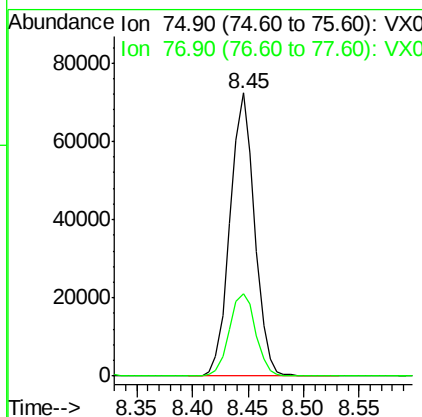
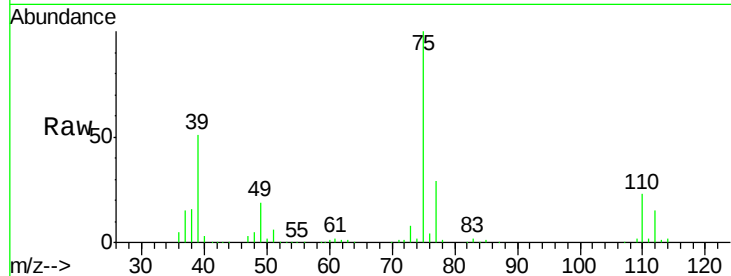
#53
 t-1,3-Dichloropropene
 Concen: 51.16 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 110772
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.0 36.0

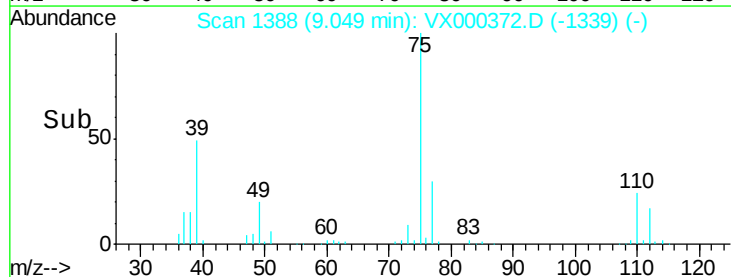
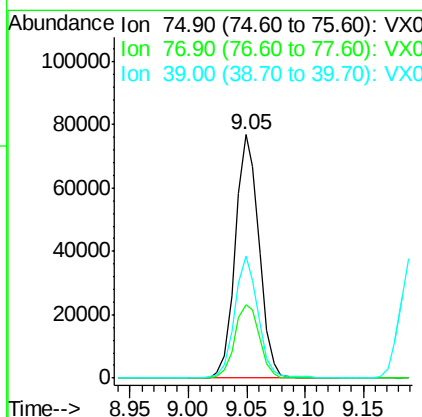
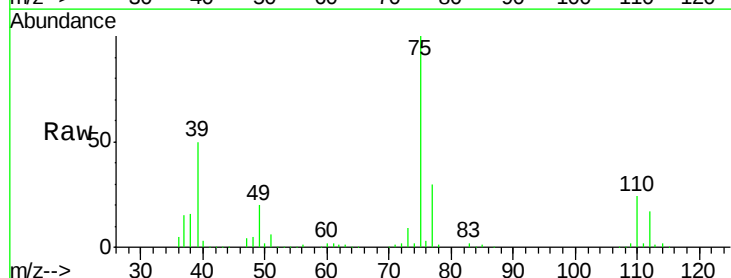
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#54
 cis-1,3-Dichloropropene
 Concen: 52.11 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 75 Resp: 109434
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.1 39.1
 39 49.9 39.8 59.6





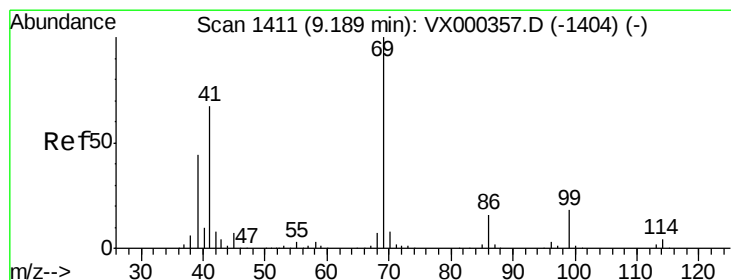
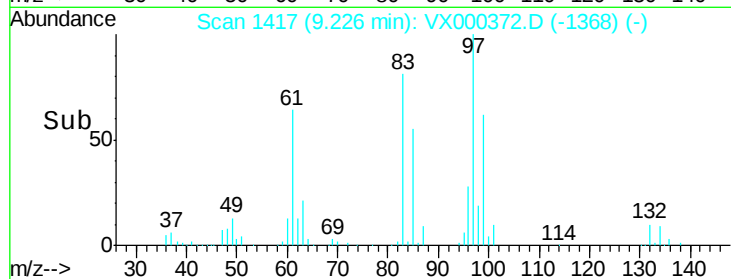
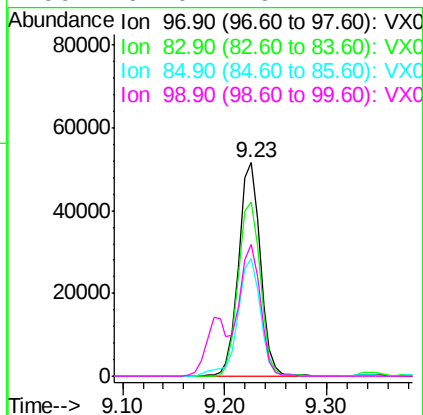
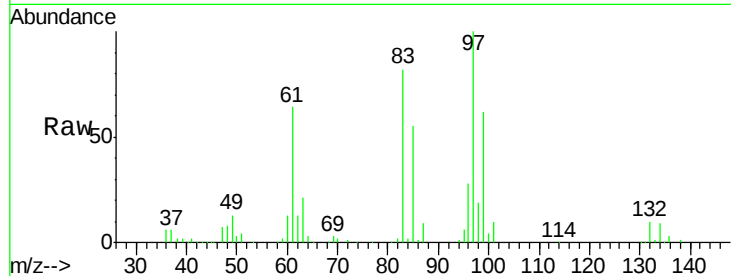
#55
 1,1,2-Trichloroethane
 Concen: 49.68 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	75492
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.9	101.9
85	55.1	42.8	64.2
99	62.0	49.4	74.2

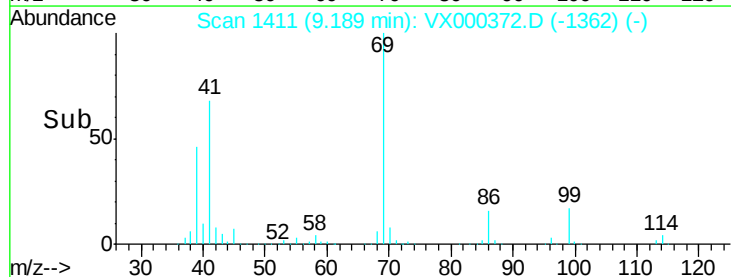
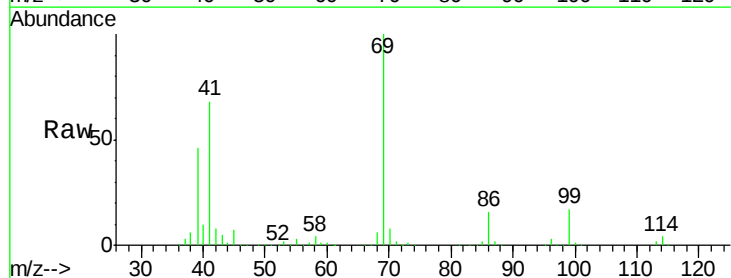
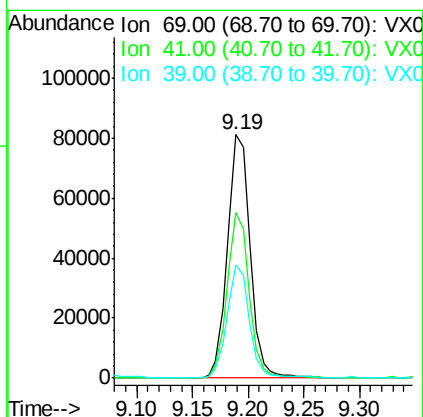
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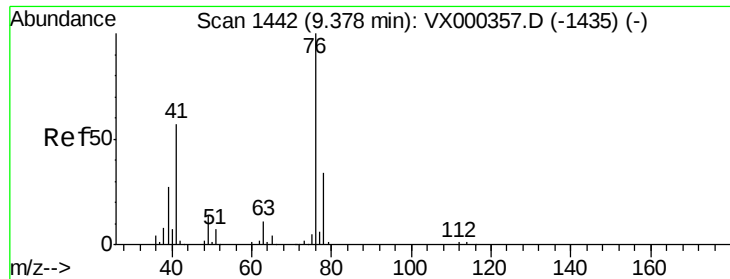
sam
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#56
 Ethyl methacrylate
 Concen: 50.09 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion:	69	Resp:	115344
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.0	79.6
39	45.4	35.3	52.9





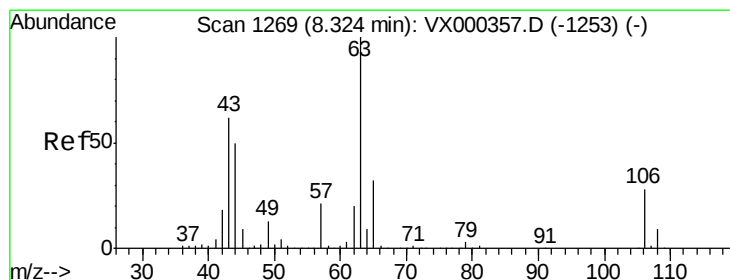
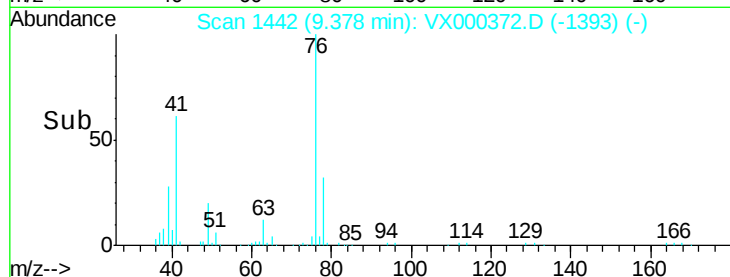
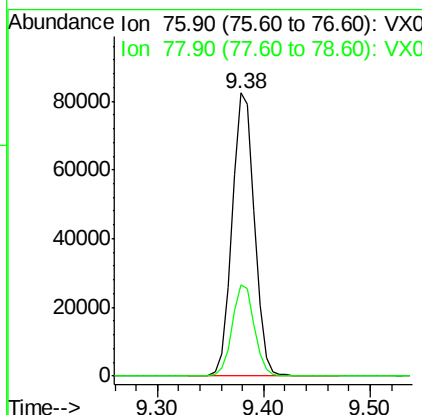
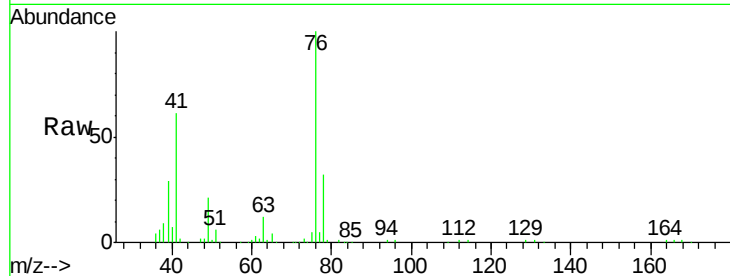
#57
 1,3-Dichloropropane
 Concen: 49.94 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.4	39.6

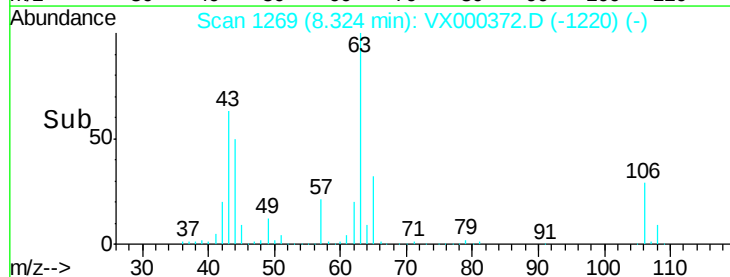
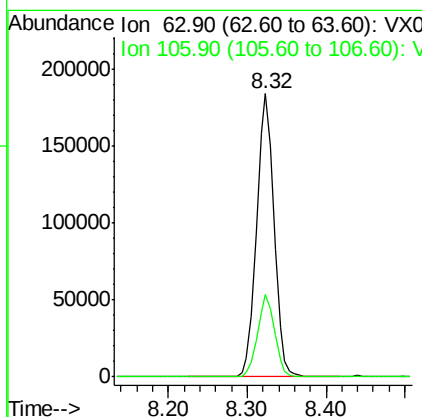
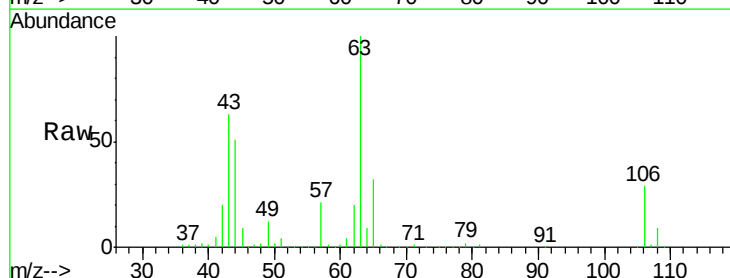
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.38 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.2	34.8





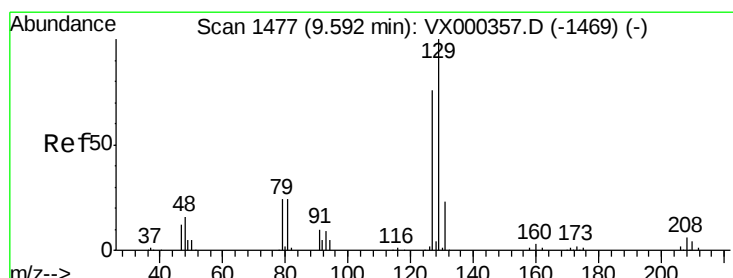
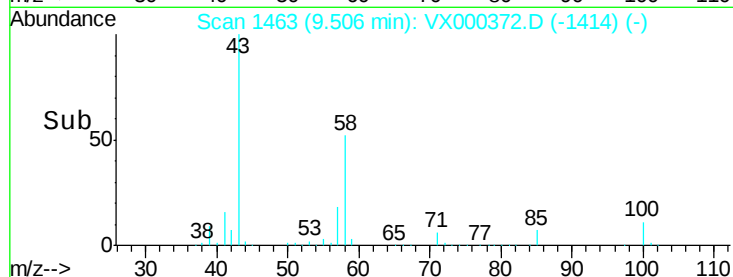
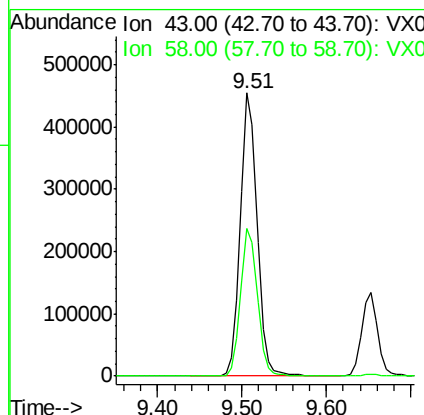
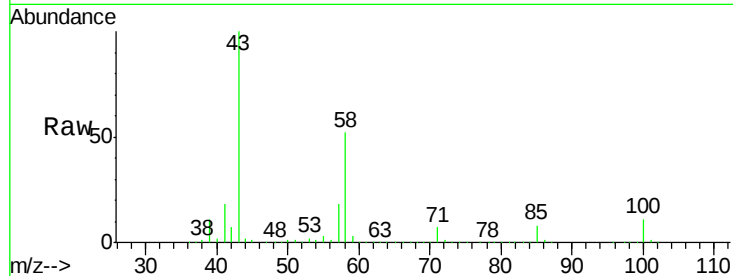
#59
2-Hexanone
Concen: 249.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 607009
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.7

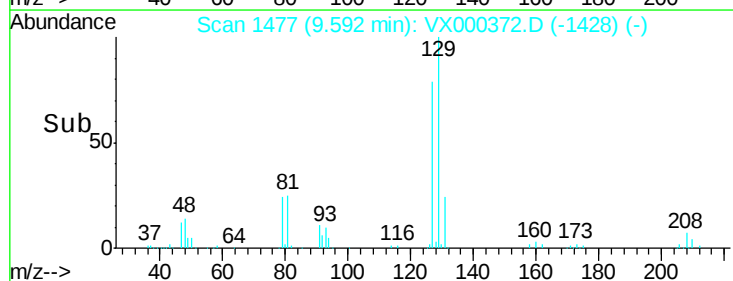
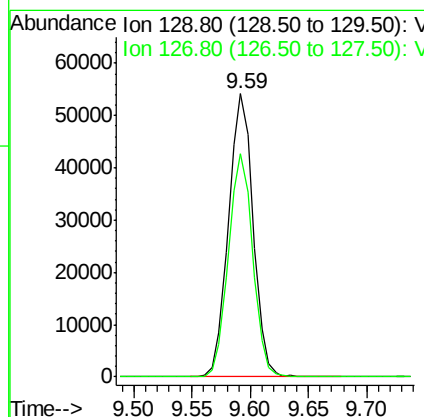
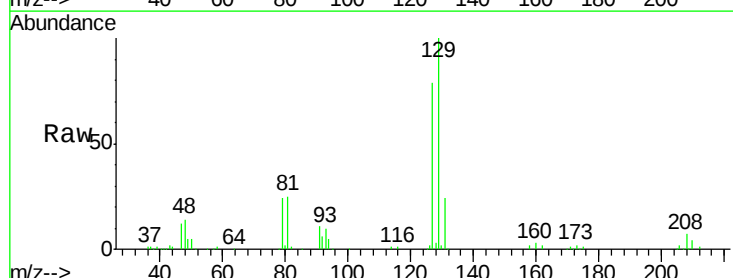
Manual Integrations
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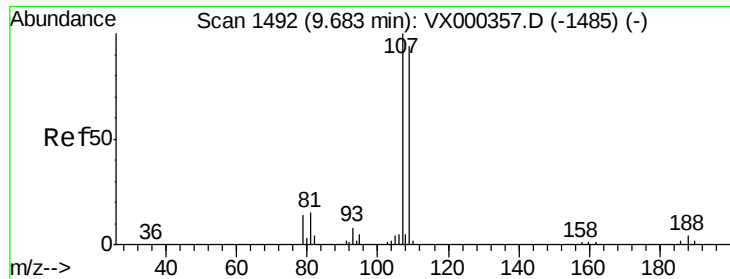
sam
3/21/2018 11:44:30 AM



#60
Dibromochloromethane
Concen: 44.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion: 129 Resp: 79453
Ion Ratio Lower Upper
129 100
127 77.9 37.9 113.6





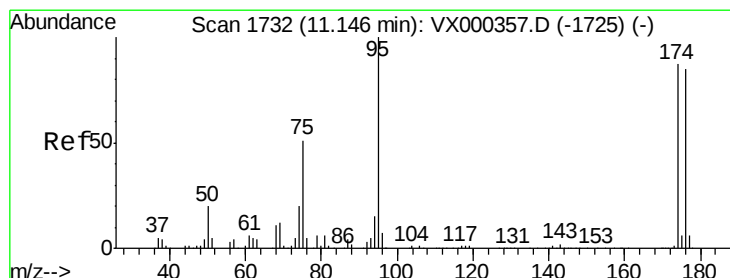
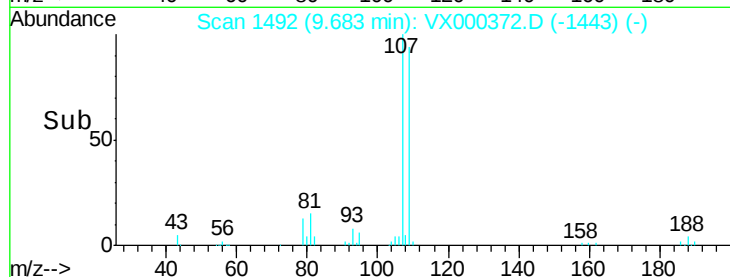
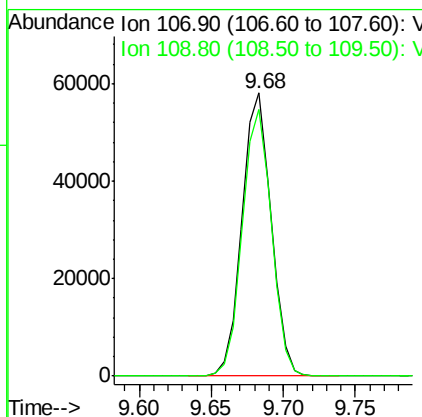
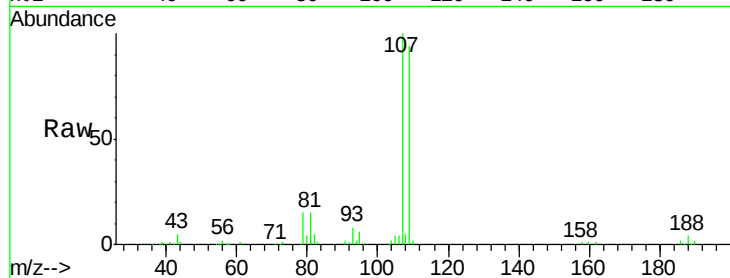
#61
 1,2-Dibromoethane
 Concen: 49.86 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.1	114.1

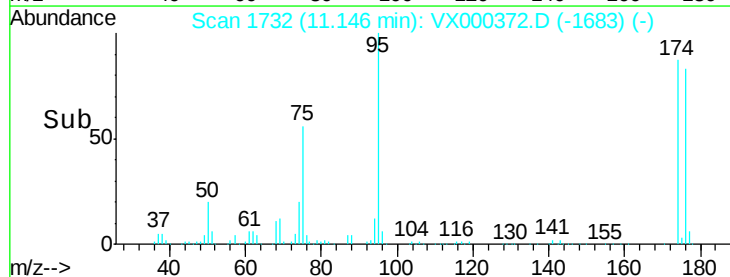
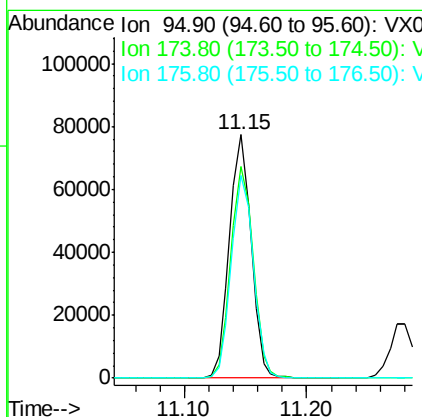
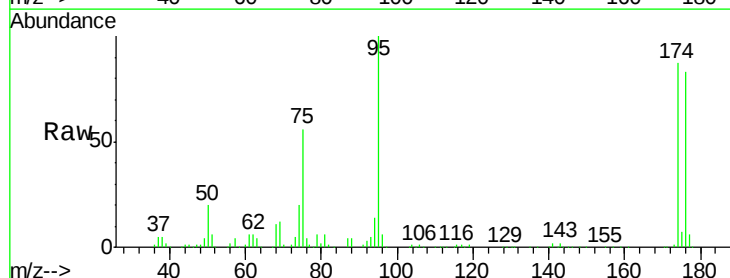
Manual Integrations
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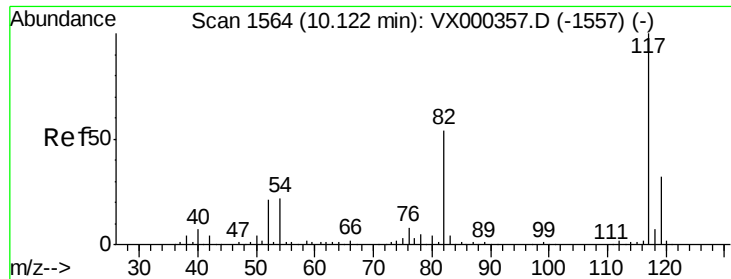
sam
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#62
 4-Bromofluorobenzene
 Concen: 45.21 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	173.6
176	84.1	0.0	164.6





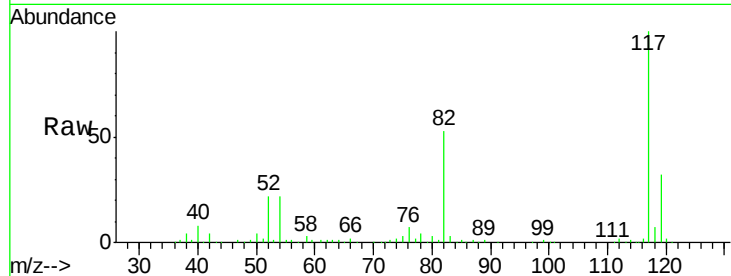
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.8	65.8
119	32.1	24.9	37.3

Manual Integrations
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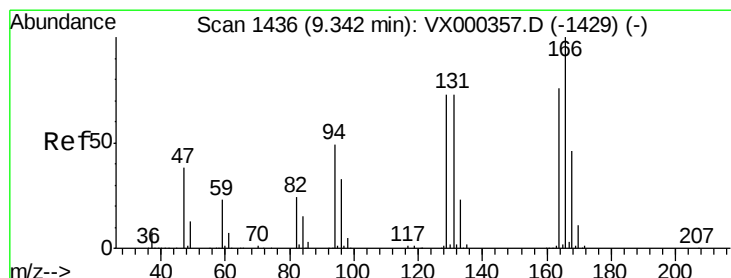
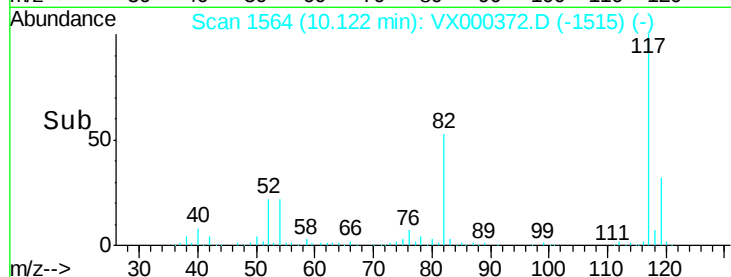
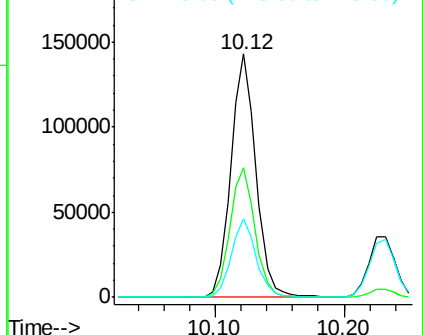


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.80 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.0	151.6
129	94.5	79.0	118.4
131	92.2	71.9	107.9

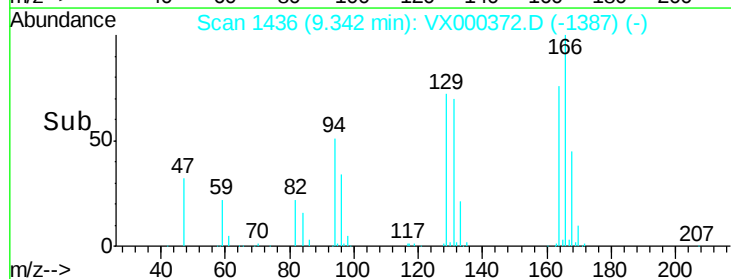
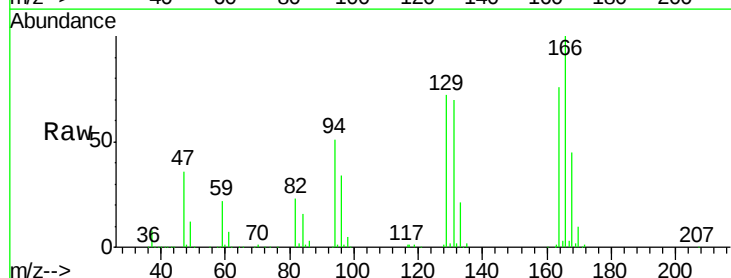
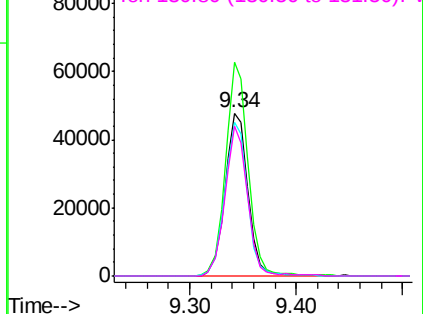
Abundance

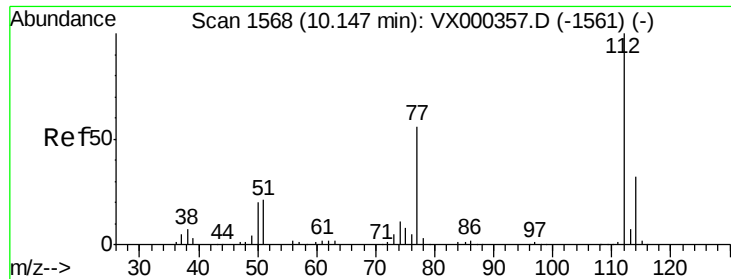
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





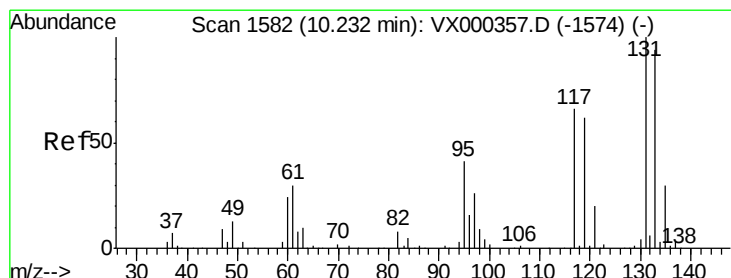
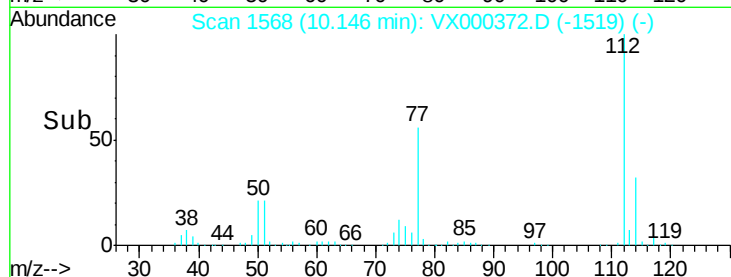
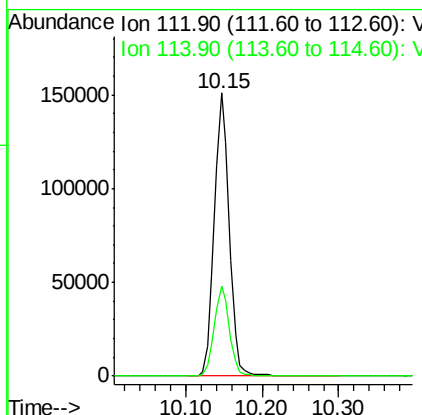
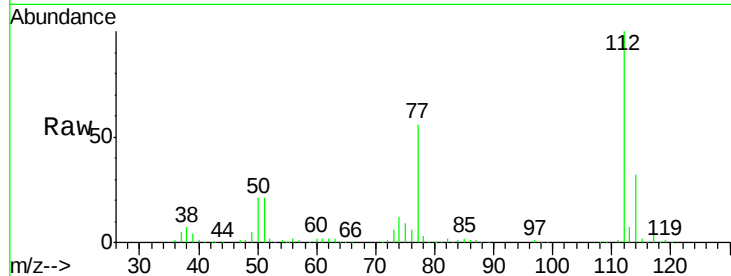
#65
Chlorobenzene
Concen: 47.59 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 205684
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

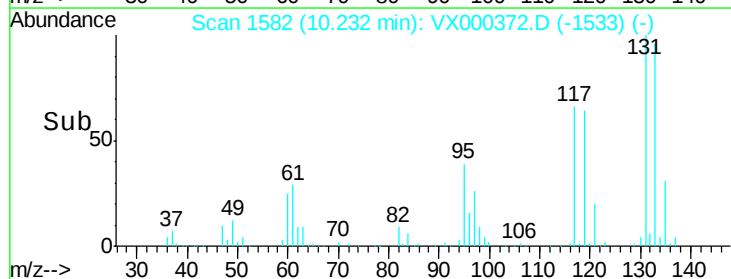
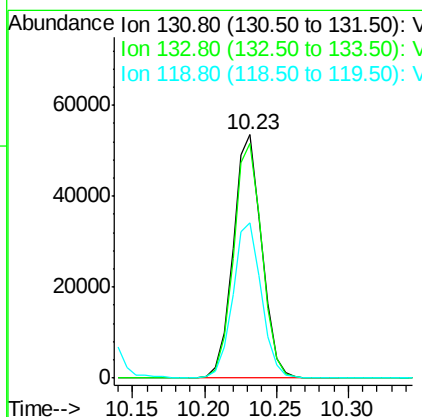
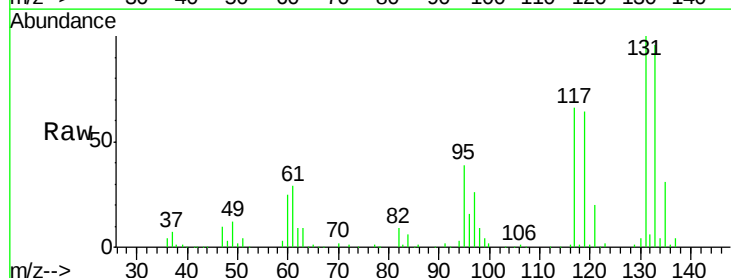
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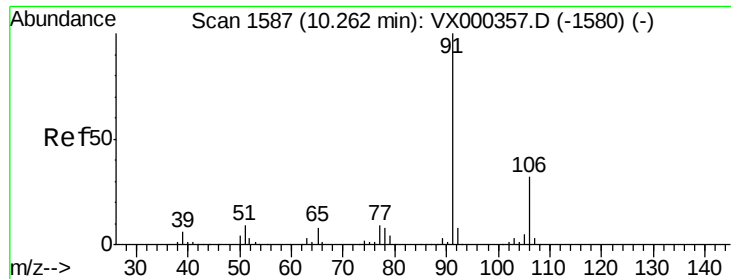
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.37 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion:131 Resp: 73930
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 64.1 33.1 99.2





#67

Ethyl Benzene

Concen: 49.21 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 360541

Ion Ratio Lower Upper

91 100

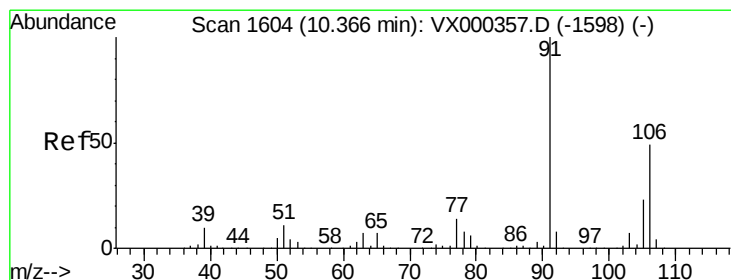
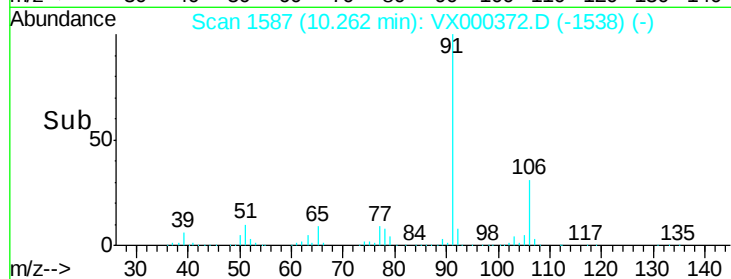
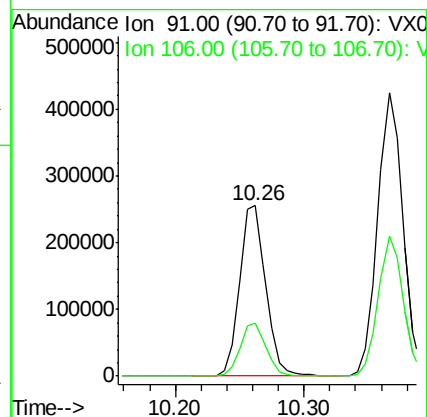
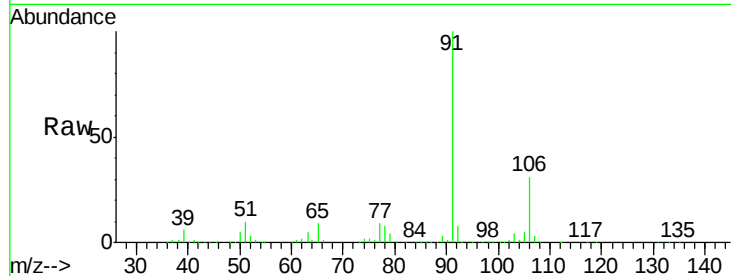
106 31.3 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 97.85 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000372.D

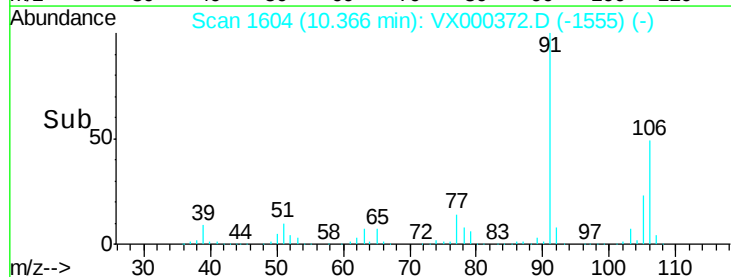
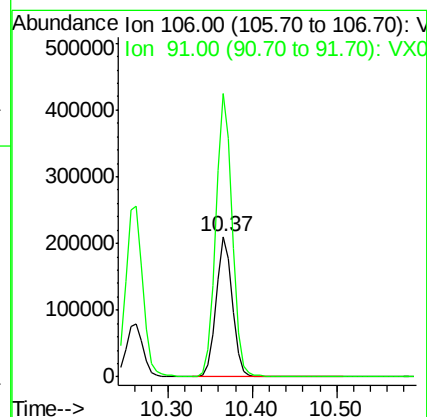
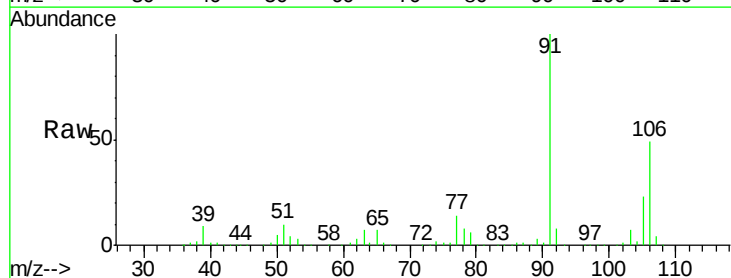
Acq: 20 Mar 2018 20:35

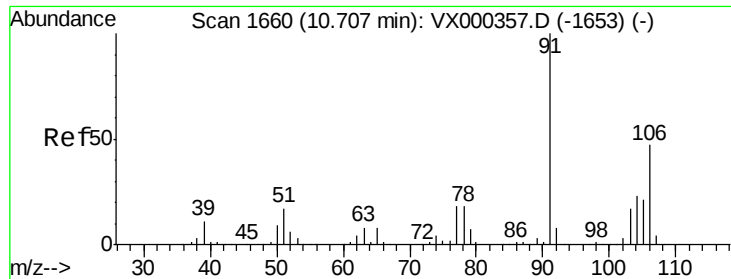
Tgt Ion: 106 Resp: 282091

Ion Ratio Lower Upper

106 100

91 202.8 163.4 245.2





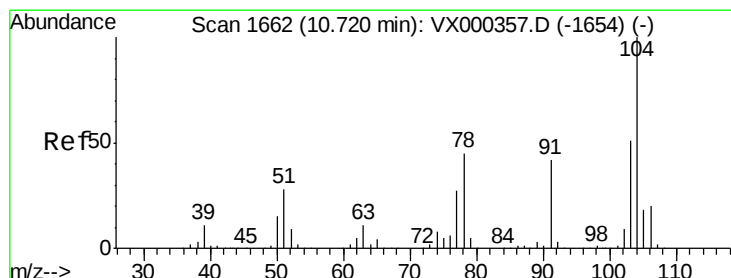
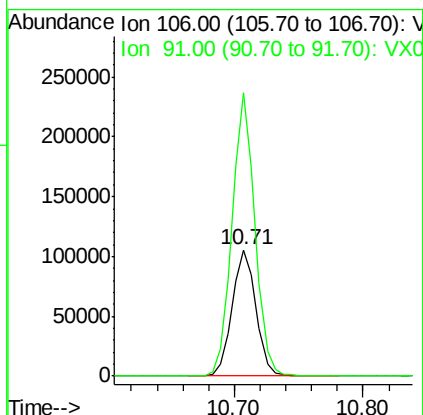
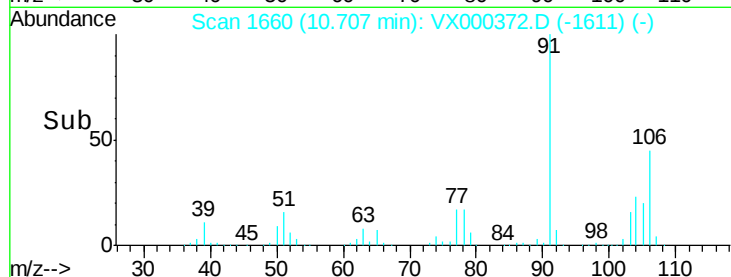
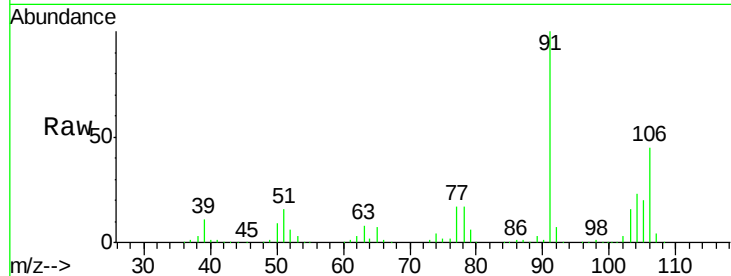
#69
o-Xylene
Concen: 48.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 136726
Ion Ratio Lower Upper
106 100
91 215.2 106.5 319.6

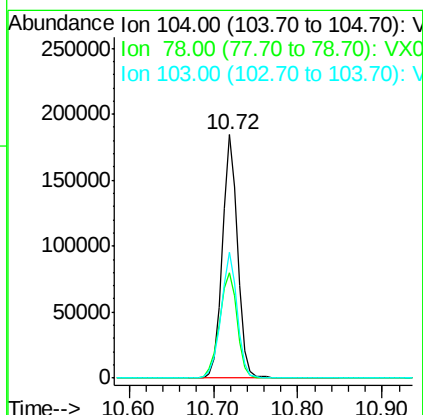
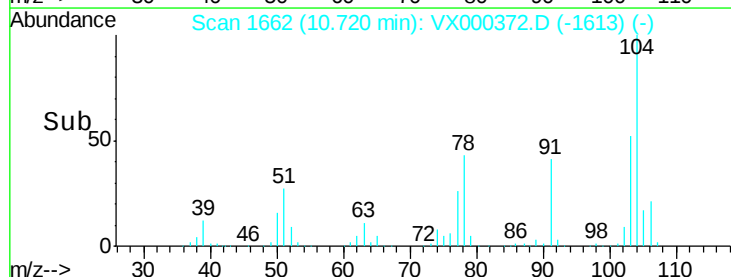
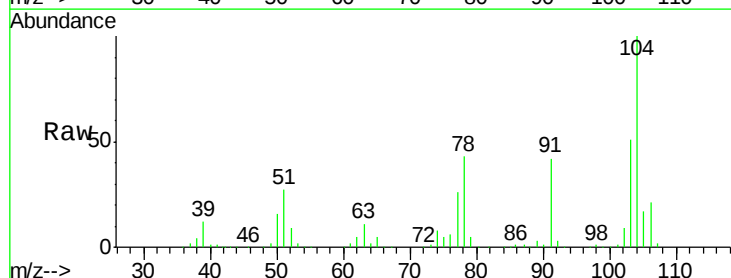
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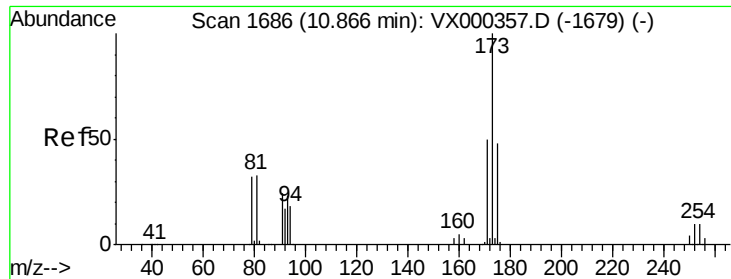
sam
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#70
Styrene
Concen: 50.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion:104 Resp: 231968
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 55.3 45.7 68.5





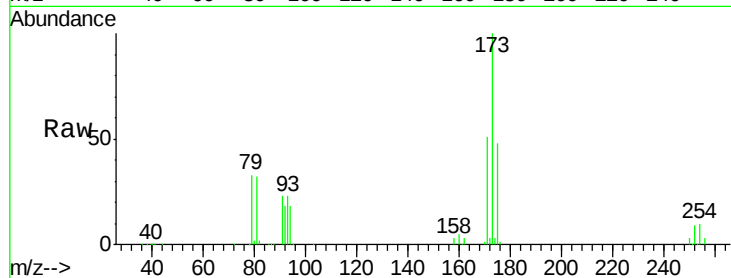
#71
Bromoform
Concen: 42.24 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

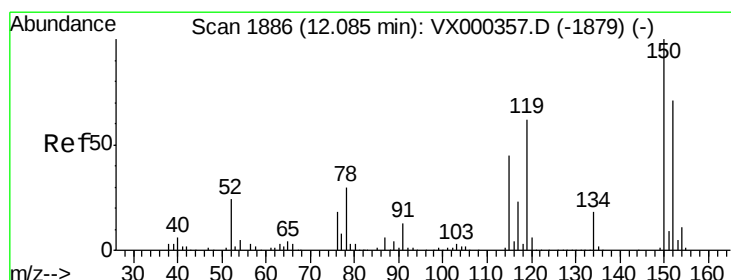
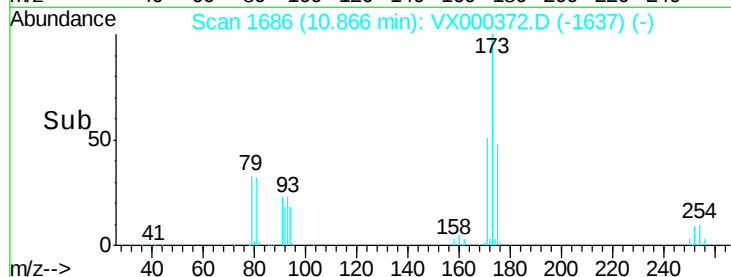
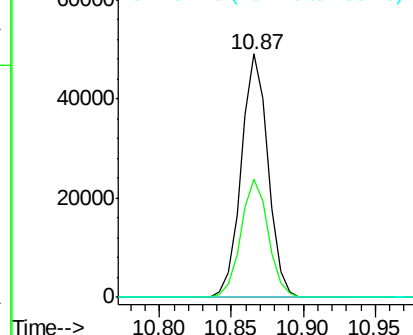
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	25.4	76.4
254	0.0	0.0	0.0

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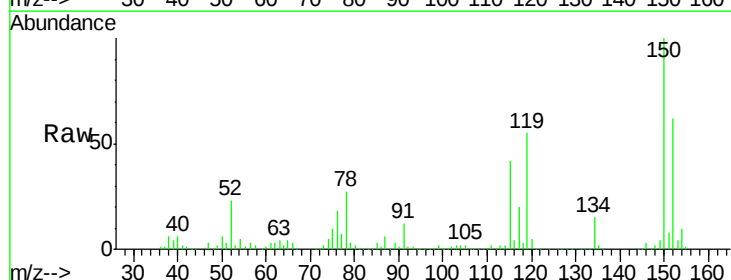


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

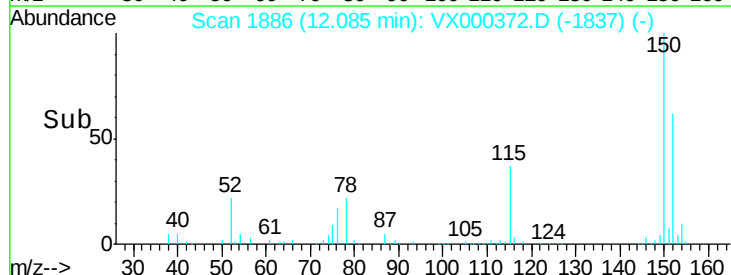
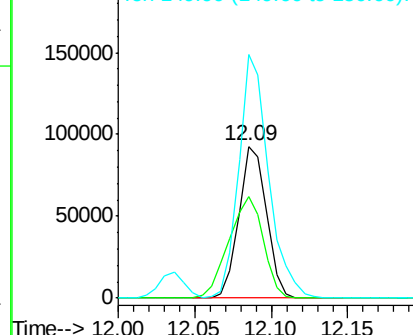


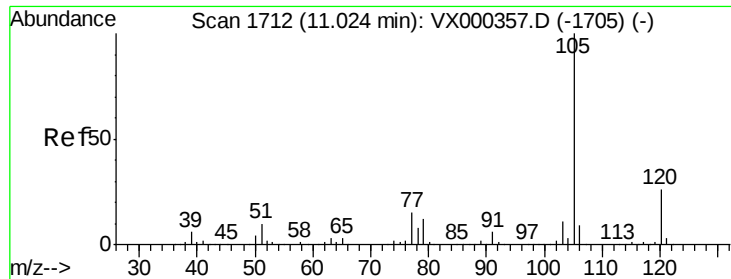
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.4	39.8	119.3
150	173.8	0.0	344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.86 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 381739

Ion Ratio Lower Upper

105 100

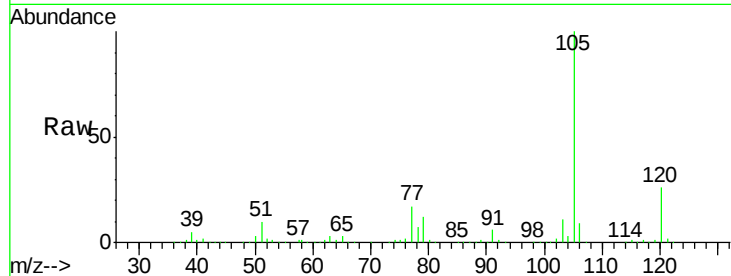
120 26.3 13.6 40.7

Manual Integrations

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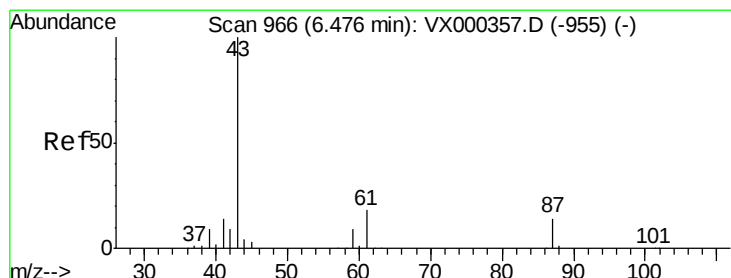
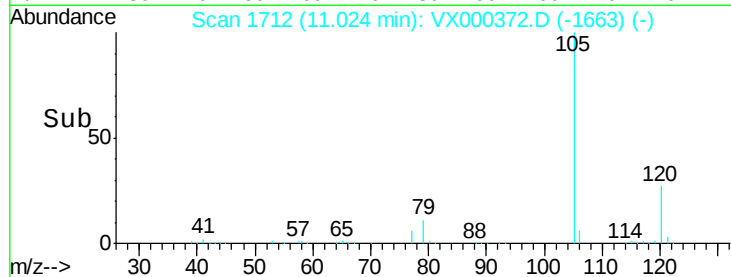
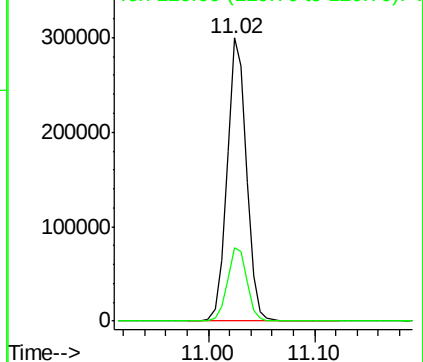
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.25 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion: 43 Resp: 189478

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

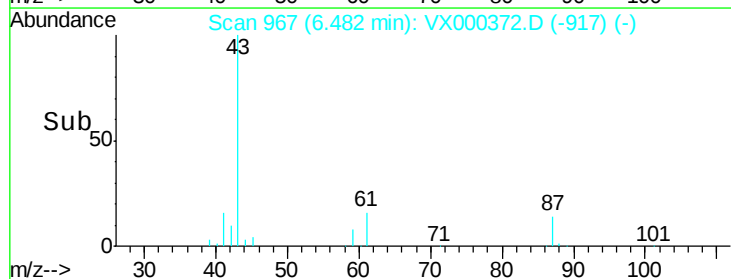
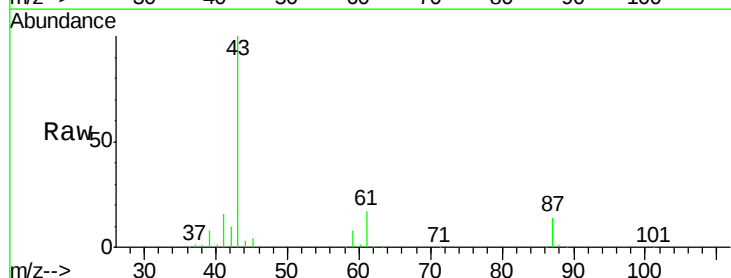
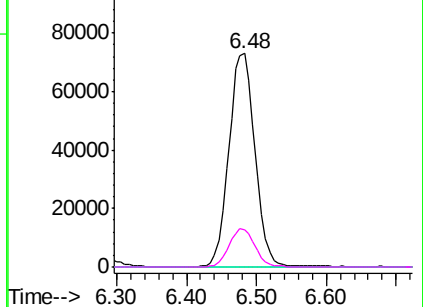
61 17.7 14.4 21.6

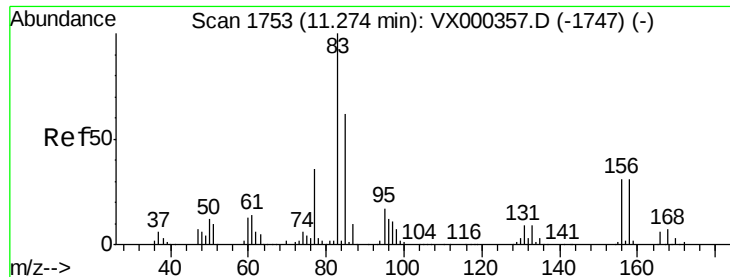
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.46 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

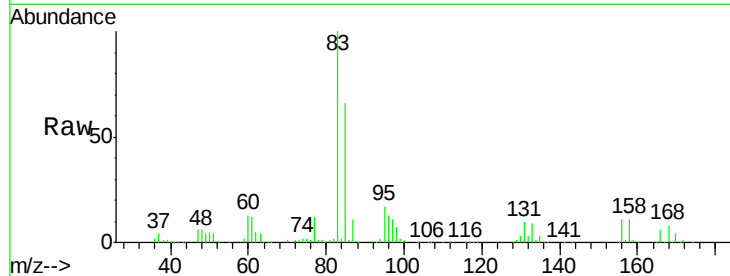
ClientSampleId :

VSTDCCC050EC

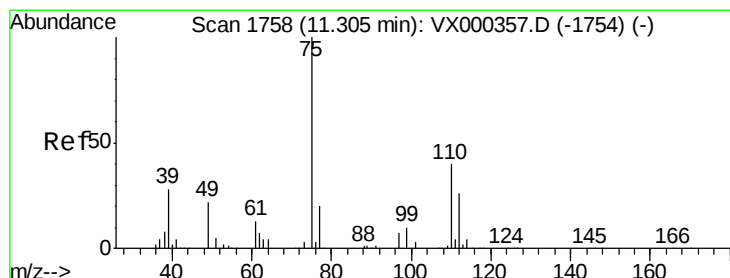
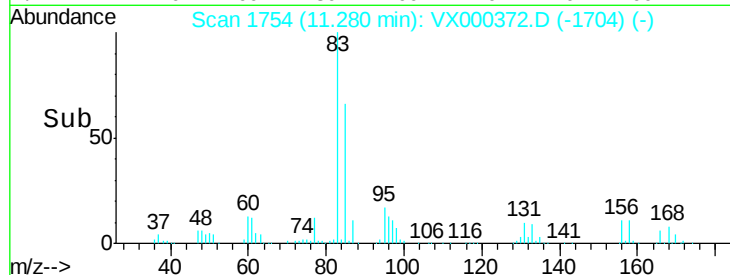
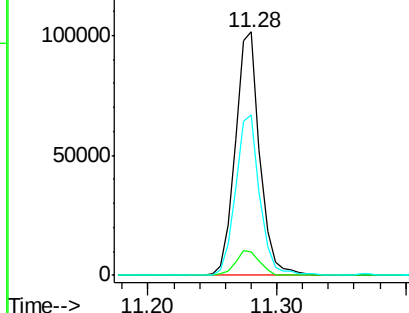
Tot Ion:	83	Resp:	133958
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	65.3	32.5	97.5

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



#76

1,2,3-Trichloropropane

Concen: 48.59 ug/l m

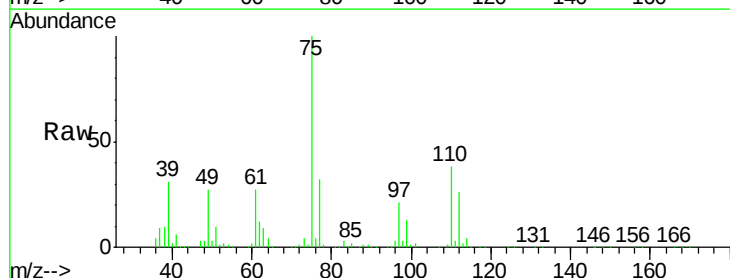
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

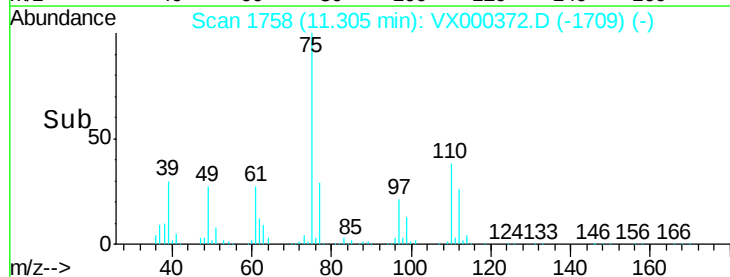
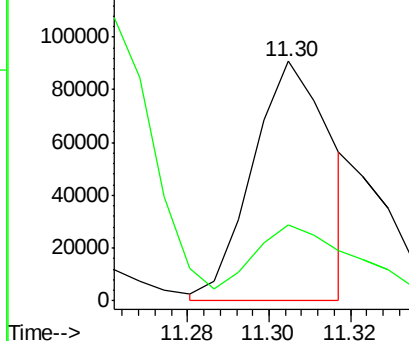
Lab File: VX000372.D

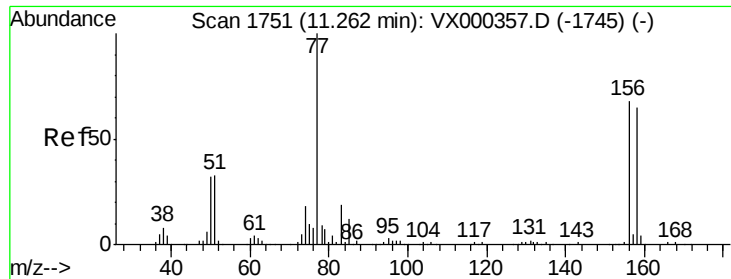
Acq: 20 Mar 2018 20:35

Tgt Ion:	75	Resp:	120662
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.4	64.2



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





#77

Bromobenzene

Concen: 46.59 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

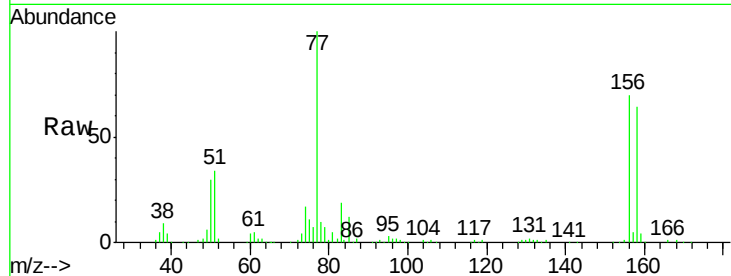
ClientSampleId :

VSTDCCC050EC

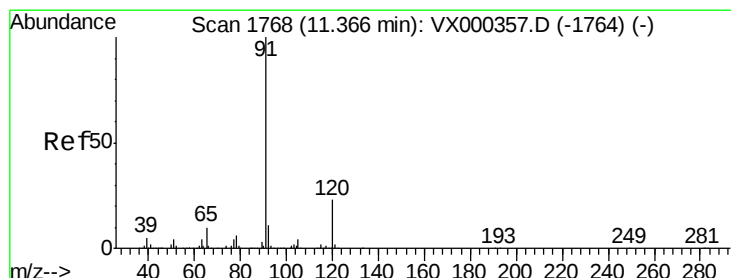
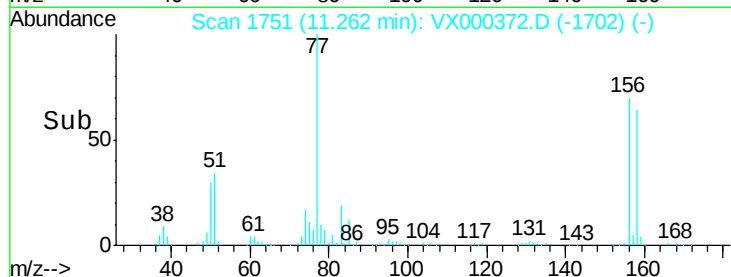
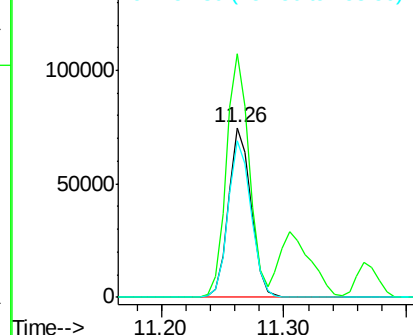
Tot Ion	Ratio	Lower	Upper
156	100		
77	146.2	73.4	220.2
158	94.7	48.5	145.6

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.74 ug/l

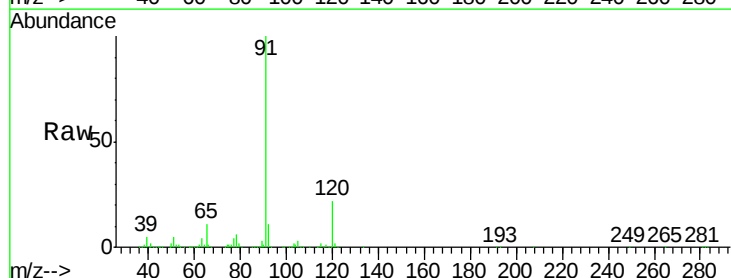
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

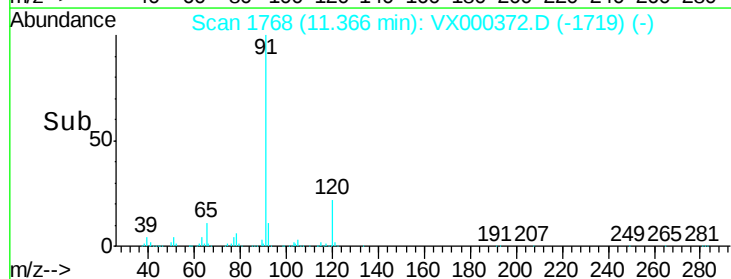
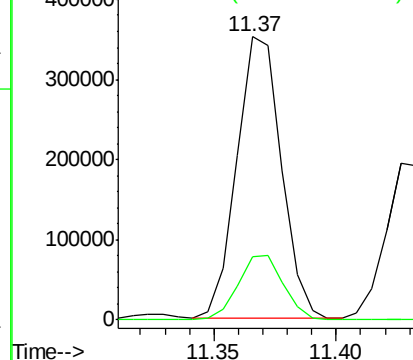
Lab File: VX000372.D

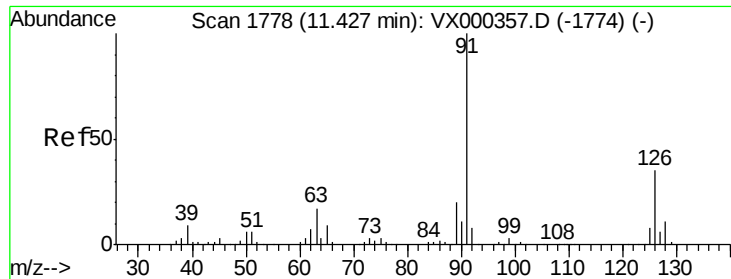
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





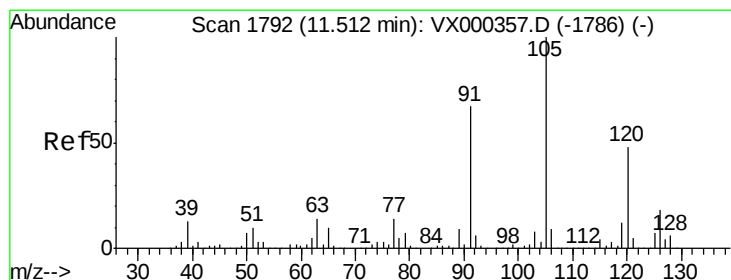
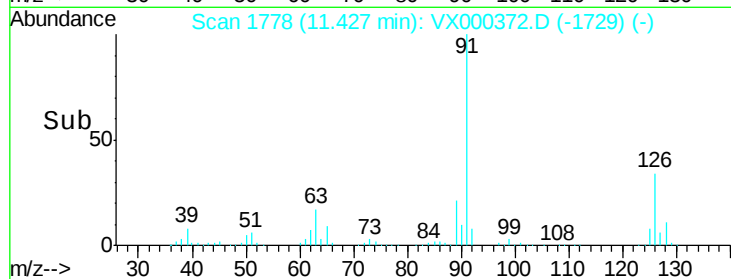
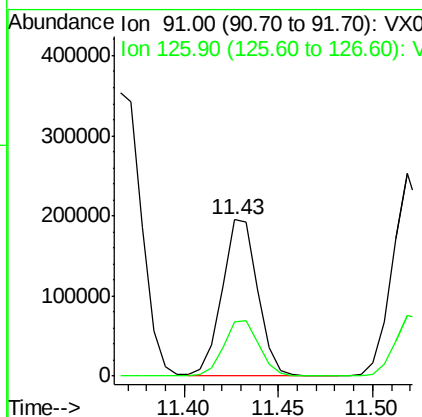
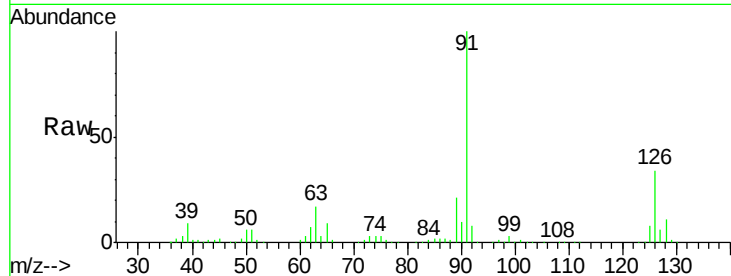
#79
 2-Chlorotoluene
 Concen: 48.06 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 253481
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1

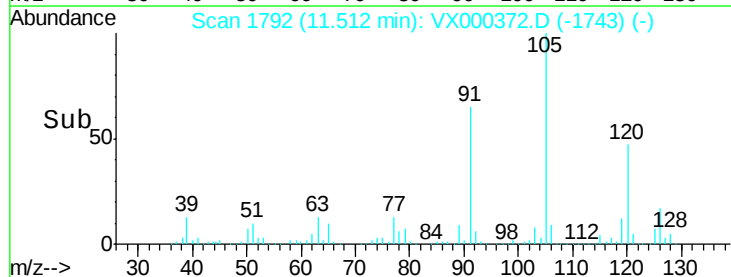
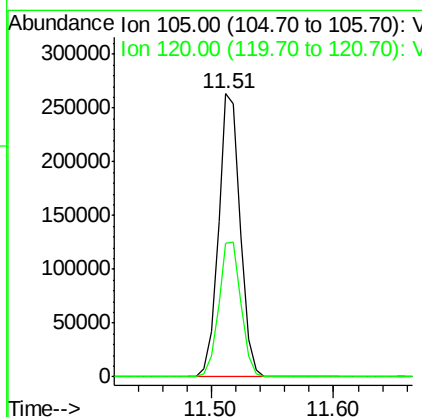
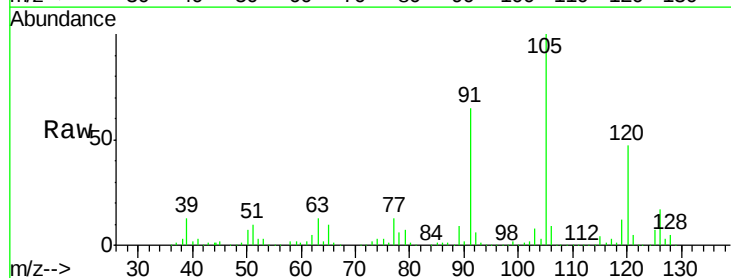
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.36 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion: 105 Resp: 324215
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





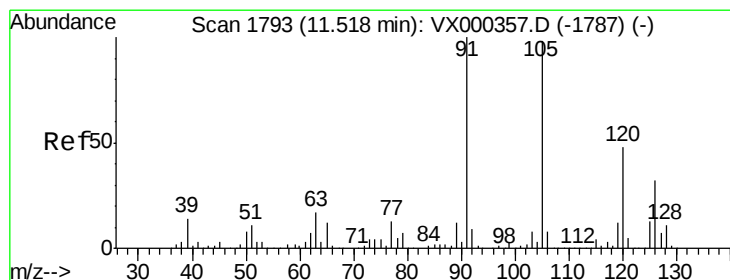
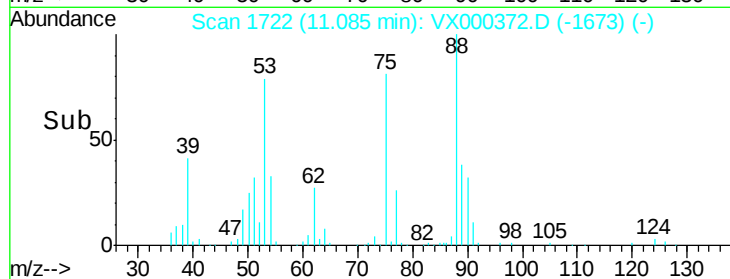
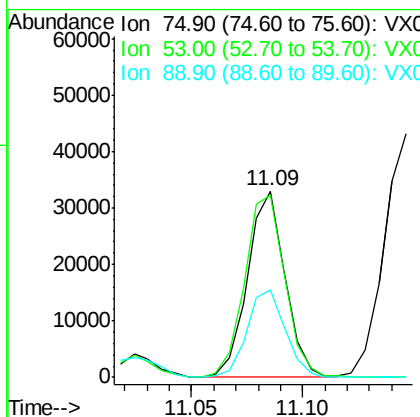
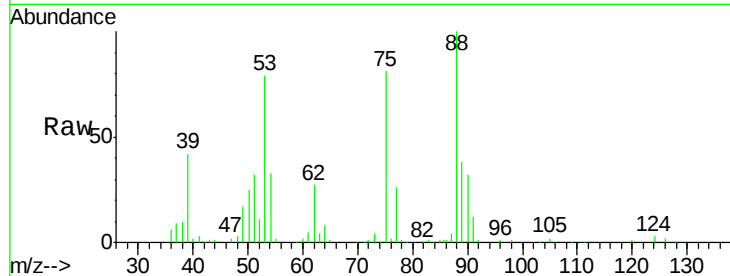
#81
trans-1,4-Dichloro-2-butene
Concen: 49.95 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.2	80.7	121.1
89	48.6	39.4	59.0

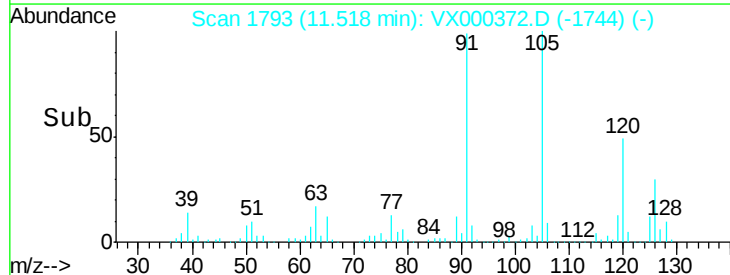
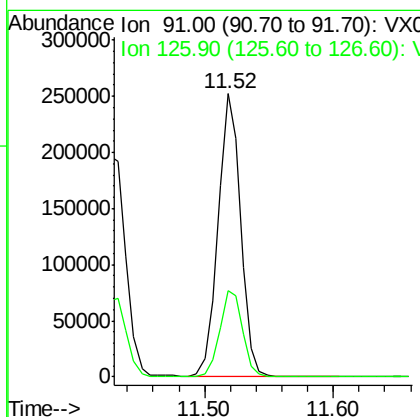
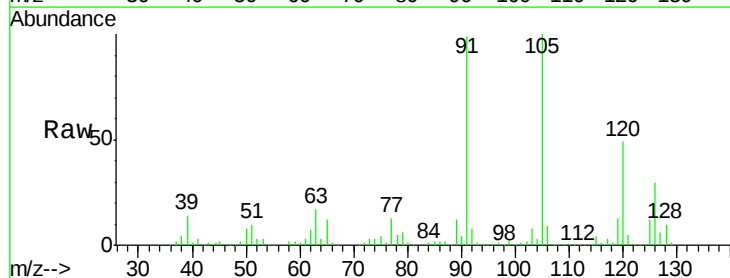
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#82
4-Chlorotoluene
Concen: 49.53 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.1





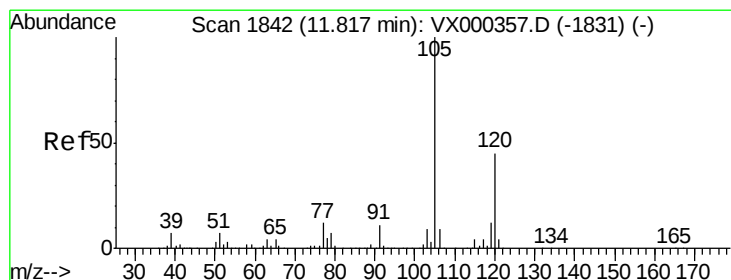
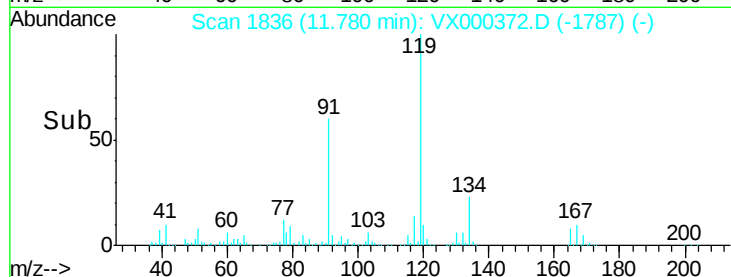
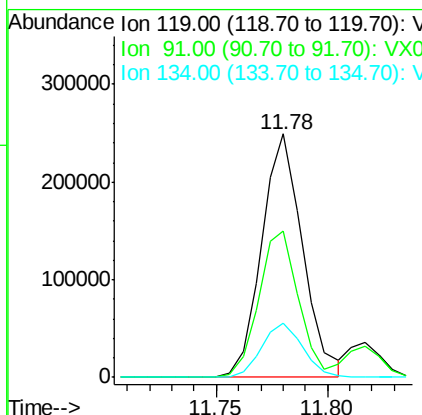
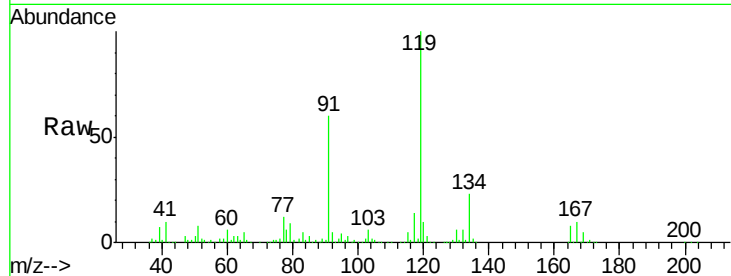
#83
 tert-Butylbenzene
 Concen: 49.10 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	318828		
91	58.5	28.8	86.4	
134	22.4	11.4	34.1	

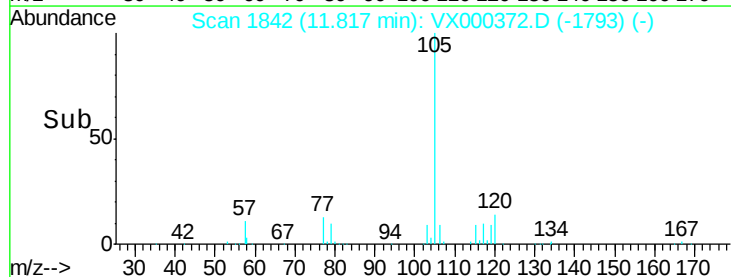
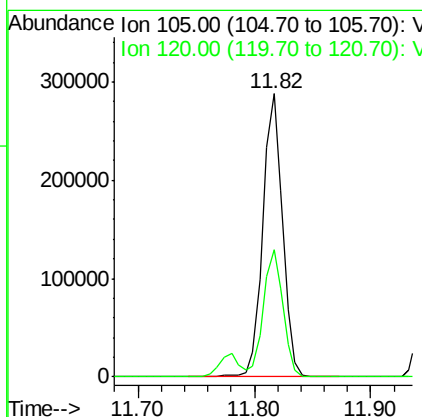
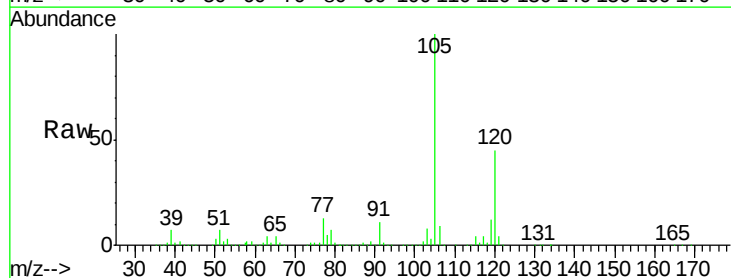
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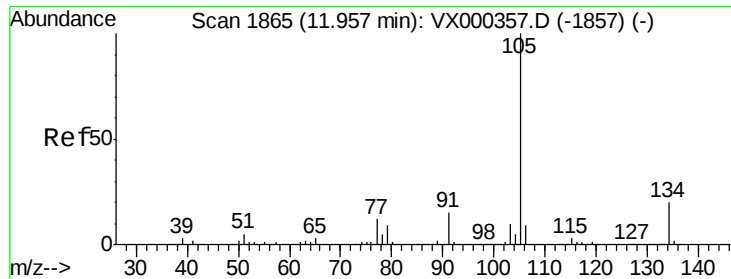
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.47 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340657		
120	44.9	22.4	67.3	





#85

sec-Butylbenzene

Concen: 50.11 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 402578

Ion Ratio Lower Upper

105 100

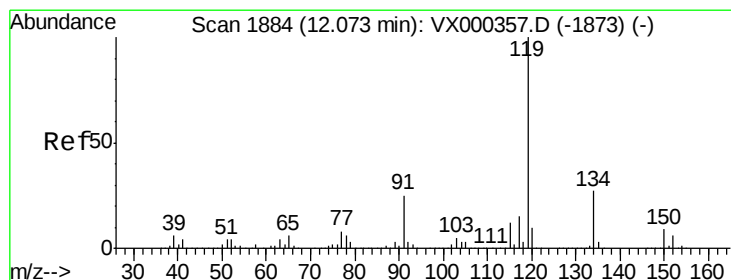
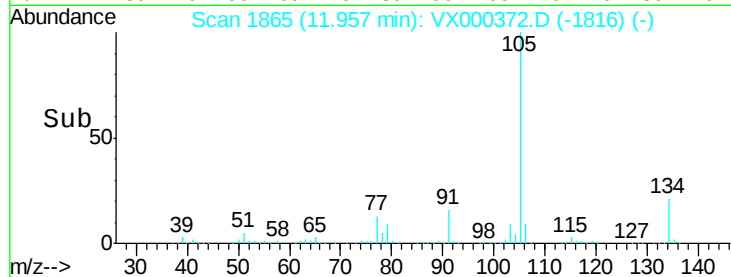
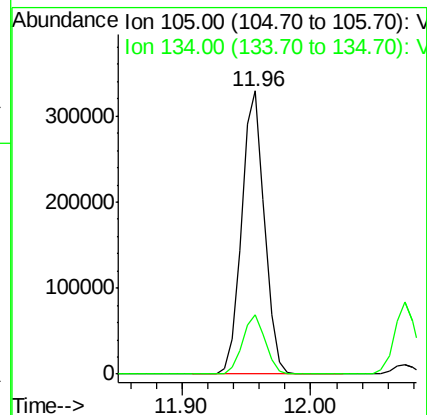
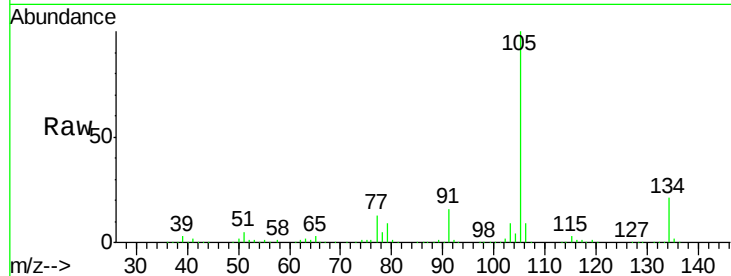
134 20.8 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 50.59 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

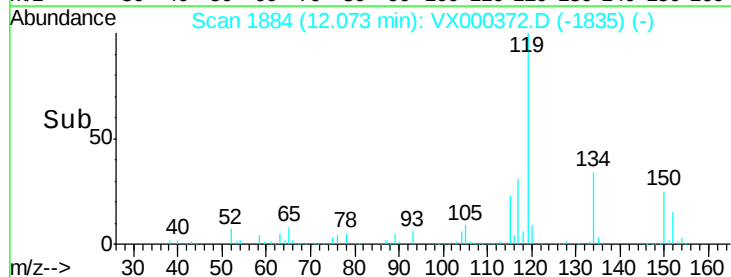
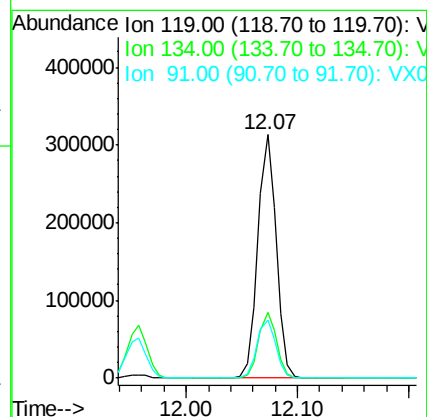
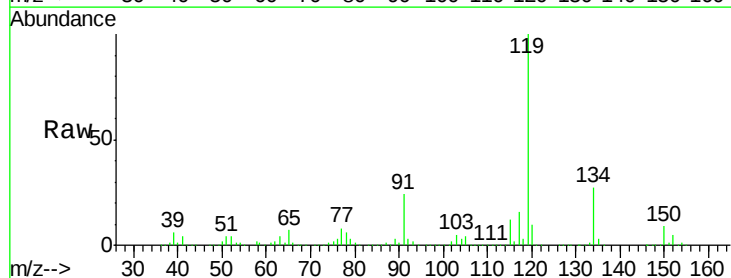
Tgt Ion:119 Resp: 360990

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 24.5 12.0 36.1





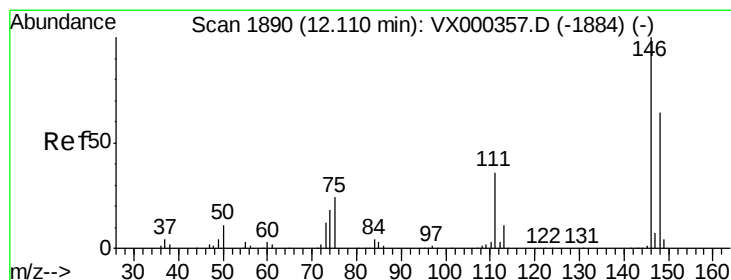
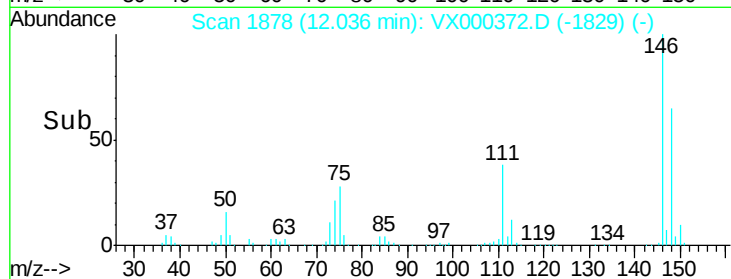
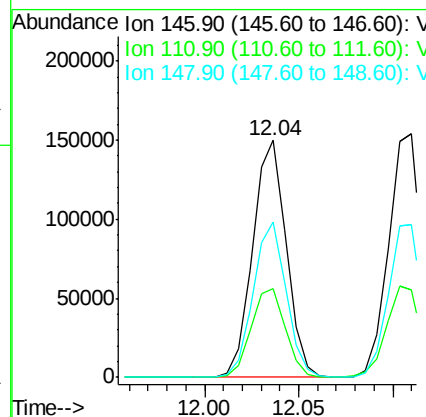
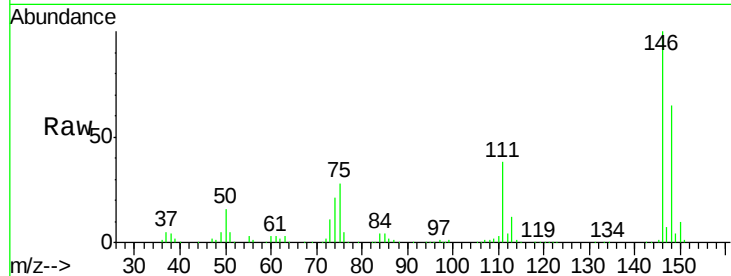
#87
 1,3-Dichlorobenzene
 Concen: 47.90 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	64.4	32.4	97.0

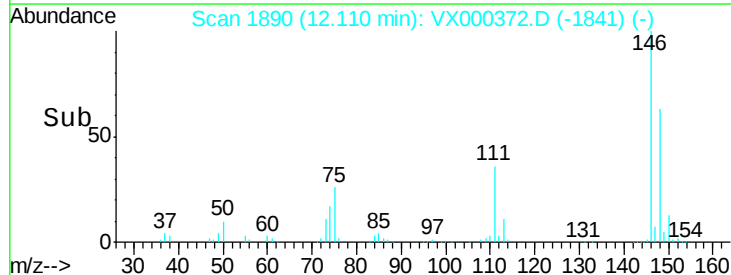
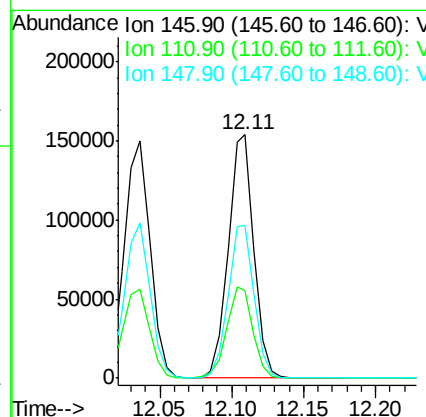
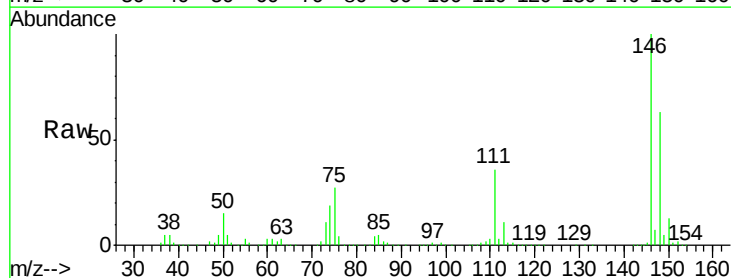
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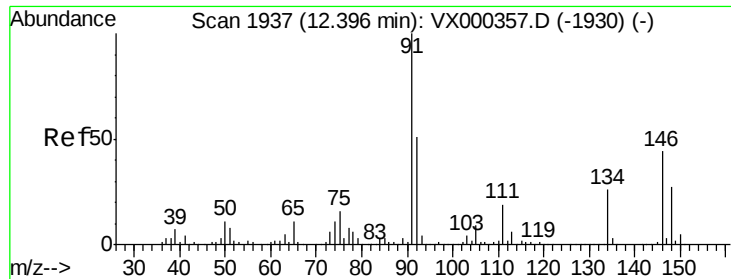
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#88
 1,4-Dichlorobenzene
 Concen: 47.52 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.0	31.0	93.0





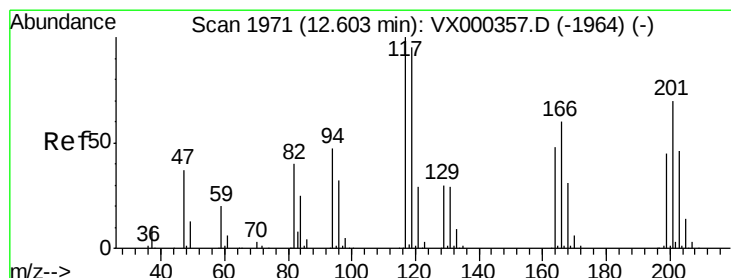
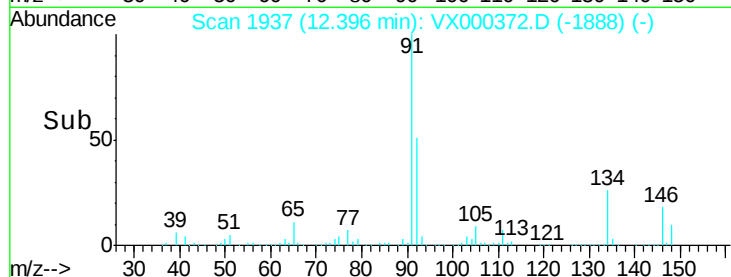
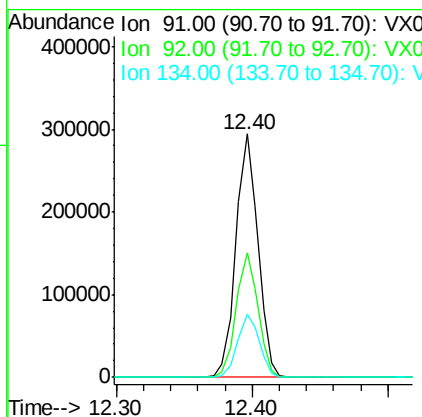
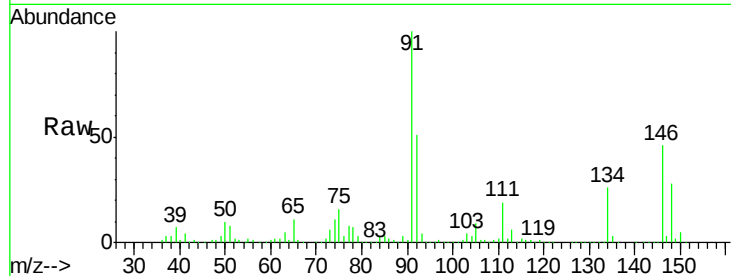
#89
n-Butylbenzene
Concen: 49.87 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.9	77.8
134	25.6	13.1	39.3

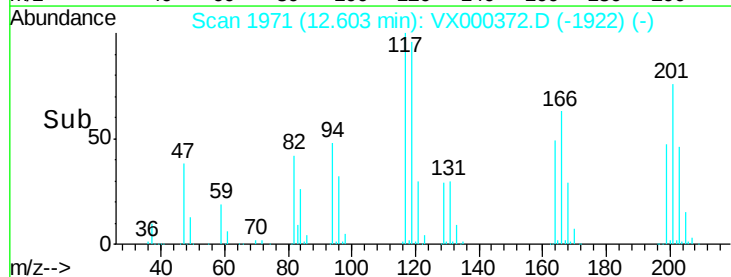
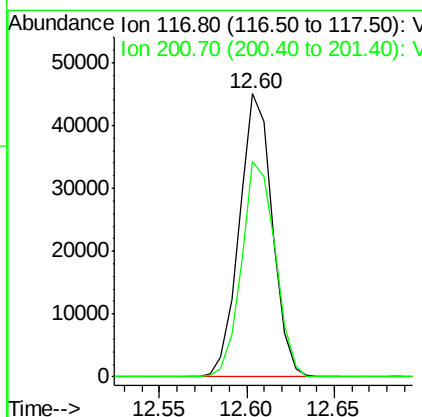
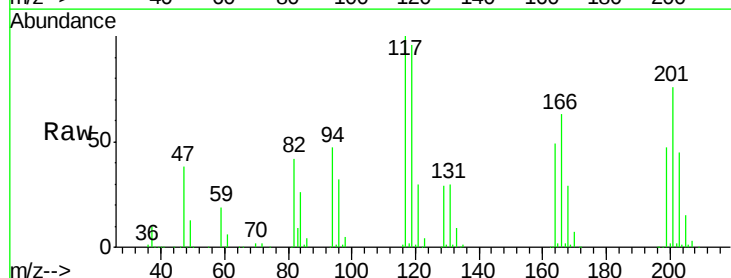
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#90
Hexachloroethane
Concen: 52.30 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000372.D
Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.8	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 49.48 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

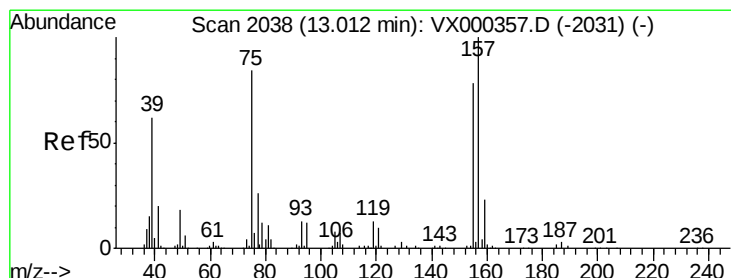
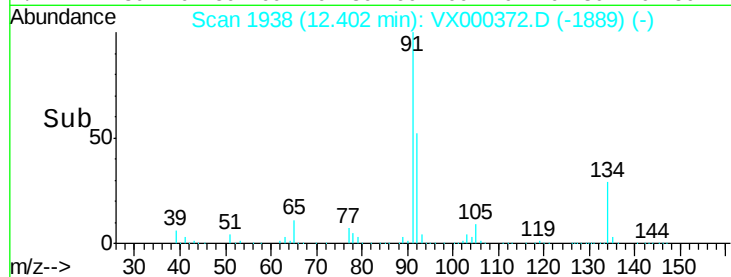
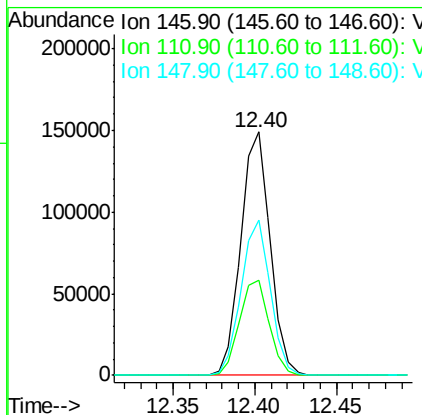
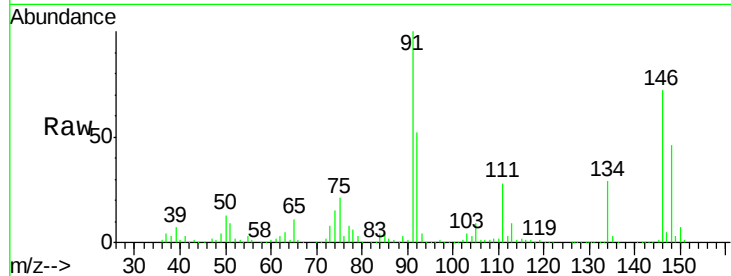
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	187101
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.1	60.2
148	63.7	31.2	93.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.82 ug/l

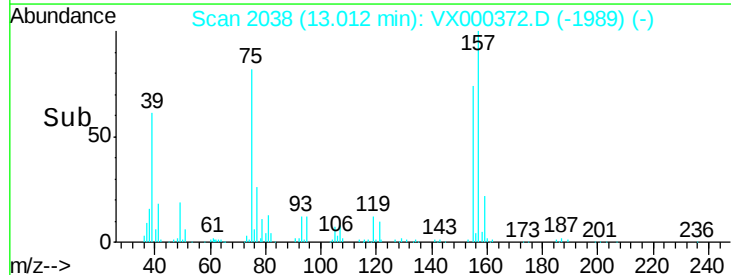
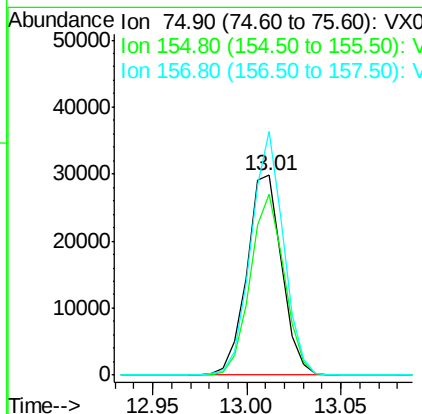
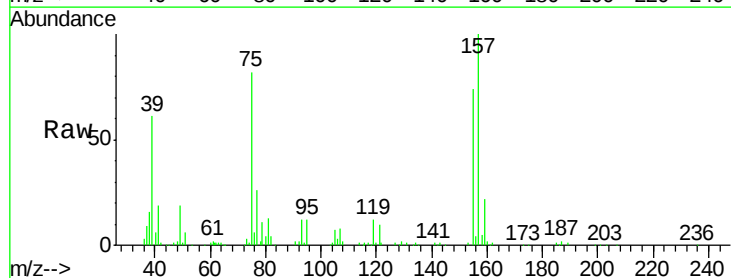
RT: 13.01 min Scan# 2038

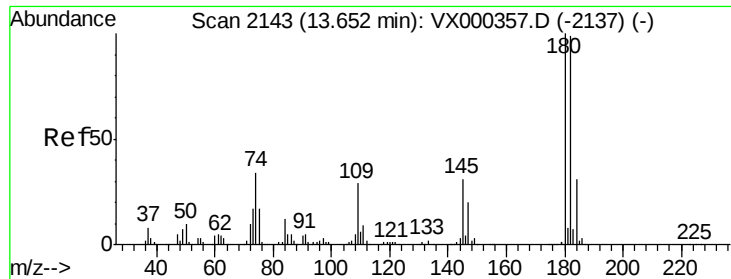
Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion:	75	Resp:	38386
Ion Ratio	Lower	Upper	
75	100		
155	87.3	45.0	134.8
157	112.6	58.1	174.2





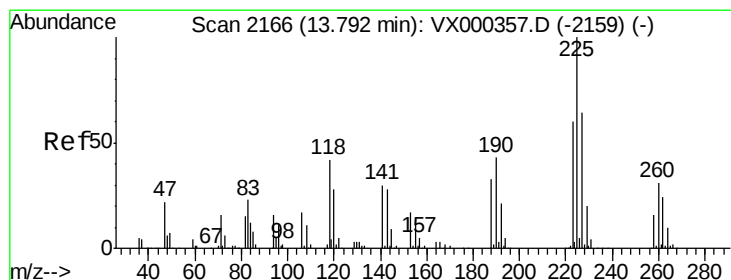
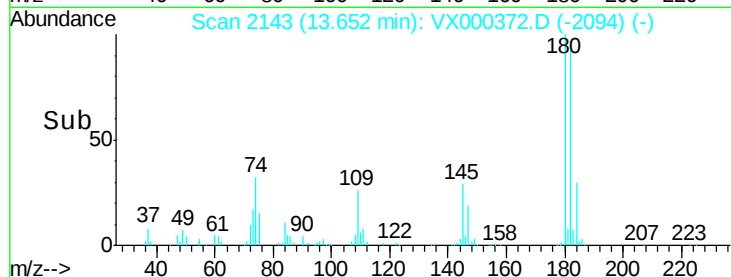
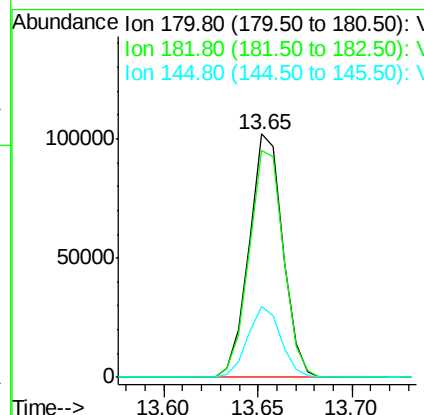
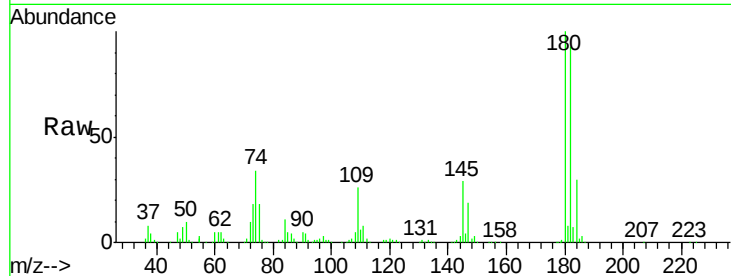
#93
 1,2,4-Trichlorobenzene
 Concen: 46.64 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	28.6	15.1	45.3

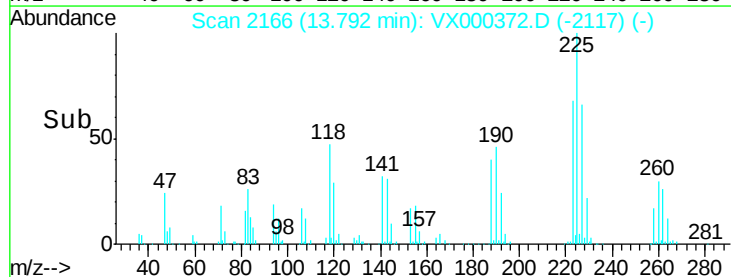
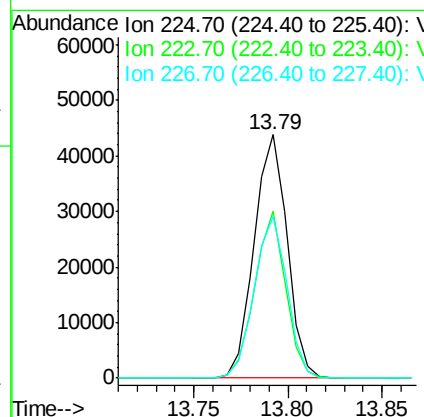
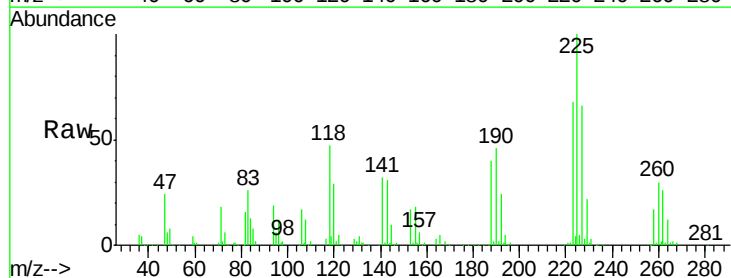
Manual Integrations
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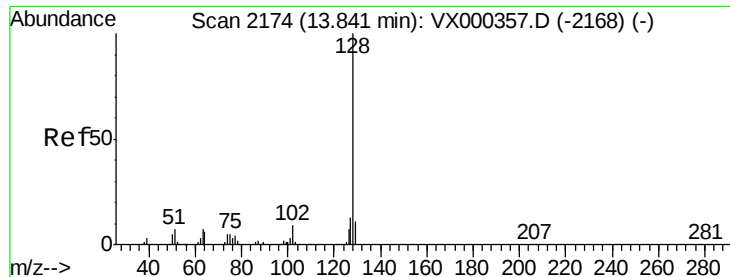
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#94
 Hexachlorobutadiene
 Concen: 47.30 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000372.D
 Acq: 20 Mar 2018 20:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.0	96.0
227	65.9	32.6	98.0





#95

Naphthalene

Concen: 49.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Instrument :

MSVOA_X

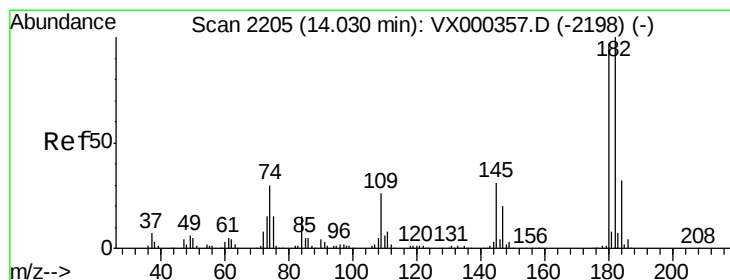
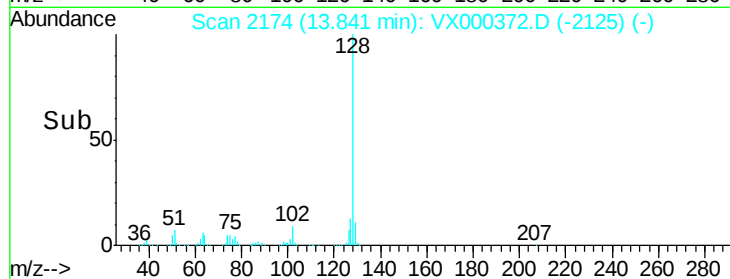
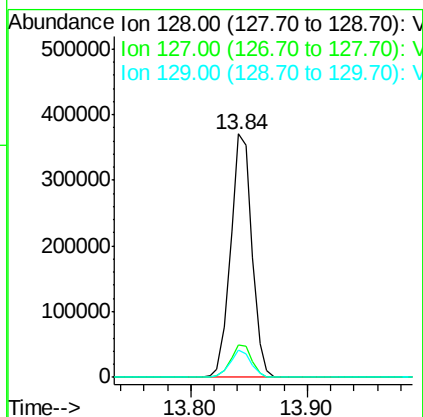
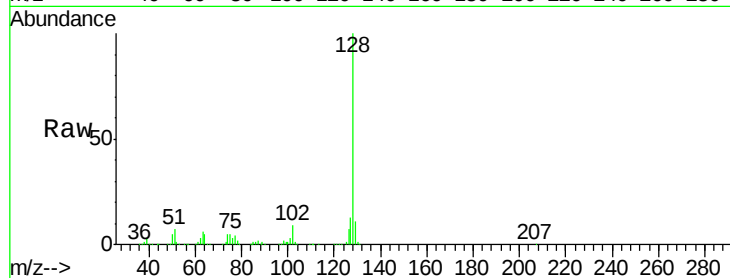
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	470533
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	11.0	8.9	13.3

Manual Integrations
APPROVED

sam
3/21/2018 11:44:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.02 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000372.D

Acq: 20 Mar 2018 20:35

Tgt Ion:	180	Resp:	125951
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.4	142.3
145	31.6	15.8	47.3

